

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121024\  
 Data File : VX044197.D  
 Acq On : 10 Dec 2024 10:43  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 11 01:25:49 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        | 5.538  | 168   | 121082   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 212067   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.049 | 117   | 187191   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 91127    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.946  | 65    | 106260   | 51.166   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =     | 102.340% |
| 35) Dibromofluoromethane     | 5.379  | 113   | 79263    | 52.308   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =     | 104.620% |
| 50) Toluene-d8               | 8.647  | 98    | 268167   | 51.339   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =     | 102.680% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 97578    | 54.890   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =     | 109.780% |
| Target Compounds             |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 63839    | 41.618   | ug/l  | 97       |
| 3) Chloromethane             | 1.294  | 50    | 68950    | 42.716   | ug/l  | 99       |
| 4) Vinyl Chloride            | 1.374  | 62    | 76098    | 44.323   | ug/l  | 99       |
| 5) Bromomethane              | 1.593  | 94    | 55134    | 52.201   | ug/l  | 97       |
| 6) Chloroethane              | 1.660  | 64    | 51361    | 49.095   | ug/l  | 98       |
| 7) Trichlorofluoromethane    | 1.867  | 101   | 171671   | 55.927   | ug/l  | 100      |
| 8) Diethyl Ether             | 2.130  | 74    | 56553    | 50.549   | ug/l  | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.313  | 101   | 73331    | 50.083   | ug/l  | 98       |
| 10) Methyl Iodide            | 2.441  | 142   | 90454    | 49.465   | ug/l  | 97       |
| 11) Tert butyl alcohol       | 2.995  | 59    | 83857    | 251.566  | ug/l  | 97       |
| 12) 1,1-Dichloroethene       | 2.306  | 96    | 64019    | 45.885   | ug/l  | 97       |
| 13) Acrolein                 | 2.233  | 56    | 101837   | 289.842  | ug/l  | 97       |
| 14) Allyl chloride           | 2.654  | 41    | 115018   | 50.451   | ug/l  | 97       |
| 15) Acrylonitrile            | 3.068  | 53    | 227165   | 279.648  | ug/l  | 99       |
| 16) Acetone                  | 2.386  | 43    | 277283   | 290.702  | ug/l  | 99       |
| 17) Carbon Disulfide         | 2.495  | 76    | 116422   | 40.453   | ug/l  | 99       |
| 18) Methyl Acetate           | 2.703  | 43    | 123713   | 55.695   | ug/l  | 100      |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 270415   | 53.378   | ug/l  | 99       |
| 20) Methylene Chloride       | 2.782  | 84    | 77152    | 47.664   | ug/l  | 98       |
| 21) trans-1,2-Dichloroethene | 3.081  | 96    | 69426    | 48.196   | ug/l  | 99       |
| 22) Diisopropyl ether        | 3.763  | 45    | 258512   | 53.030   | ug/l  | 97       |
| 23) Vinyl Acetate            | 3.721  | 43    | 1139264  | 273.194  | ug/l  | 99       |
| 24) 1,1-Dichloroethane       | 3.599  | 63    | 142627   | 50.716   | ug/l  | 100      |
| 25) 2-Butanone               | 4.562  | 43    | 363724   | 295.530  | ug/l  | 99       |
| 26) 2,2-Dichloropropane      | 4.465  | 77    | 132529   | 52.181   | ug/l  | 100      |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 90693    | 50.935   | ug/l  | 98       |
| 28) Bromochloromethane       | 4.891  | 49    | 59174    | 47.802   | ug/l  | 96       |
| 29) Tetrahydrofuran          | 5.007  | 42    | 209149   | 277.191  | ug/l  | 99       |
| 30) Chloroform               | 5.086  | 83    | 156932   | 51.884   | ug/l  | 99       |
| 31) Cyclohexane              | 5.452  | 56    | 111927   | 48.357   | ug/l  | 98       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 138440   | 53.075   | ug/l  | 99       |
| 36) 1,1-Dichloropropene      | 5.684  | 75    | 97232    | 51.492   | ug/l  | 98       |
| 37) Ethyl Acetate            | 4.715  | 43    | 134827   | 57.521   | ug/l  | 98       |
| 38) Carbon Tetrachloride     | 5.672  | 117   | 112117   | 52.842   | ug/l  | 96       |
| 39) Methylcyclohexane        | 7.373  | 83    | 123359   | 50.287   | ug/l  | 97       |
| 40) Benzene                  | 6.031  | 78    | 296645   | 50.434   | ug/l  | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121024\  
 Data File : VX044197.D  
 Acq On : 10 Dec 2024 10:43  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 11 01:25:49 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         | 4.916  | 41   | 68558    | 57.147  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 126793   | 53.674  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.336  | 43   | 212244   | 56.898  | ug/l   | 99       |
| 44) Trichloroethene           | 7.117  | 130  | 75985    | 45.635  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 77311    | 53.666  | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 62367    | 54.728  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.818  | 83   | 115501   | 56.513  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.690  | 41   | 99017    | 55.319  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 28446    | 892.162 | ug/l # | 74       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 696425   | 305.931 | ug/l   | 100      |
| 52) Toluene                   | 8.714  | 92   | 189268   | 53.762  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 120064   | 57.607  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 125311   | 54.845  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 80926    | 55.687  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 134754   | 59.532  | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 135605   | 55.393  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 314332   | 253.403 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 545883   | 319.041 | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.519  | 129  | 85107    | 58.369  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 85669    | 58.300  | ug/l   | 96       |
| 64) Tetrachloroethene         | 9.269  | 164  | 62970    | 51.016  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 214102   | 52.077  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 76789    | 57.592  | ug/l   | 96       |
| 67) Ethyl Benzene             | 10.189 | 91   | 378463   | 54.326  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 281005   | 108.164 | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 139928   | 55.165  | ug/l   | 98       |
| 70) Styrene                   | 10.652 | 104  | 235876   | 56.223  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 53151    | 52.273  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 368919   | 52.666  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 186542   | 57.486  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 129580   | 54.025  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 145797   | 72.957  | ug/l   | 83       |
| 77) Bromobenzene              | 11.195 | 156  | 86985    | 52.056  | ug/l   | 98       |
| 78) n-propylbenzene           | 11.305 | 91   | 423839   | 54.176  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 259490   | 52.453  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 310149   | 53.818  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 38314    | 52.317  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 301801   | 54.037  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 316356   | 55.384  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 313218   | 54.591  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 388872   | 55.564  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 325073   | 57.182  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 159843   | 52.521  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 160310   | 51.665  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.329 | 91   | 283567   | 56.576  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 50899    | 52.654  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 164337   | 53.506  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 27603    | 57.434  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 96701    | 53.404  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 39157    | 54.716  | ug/l   | 96       |
| 95) Naphthalene               | 13.774 | 128  | 381783   | 58.572  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 101647   | 55.461  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121024\  
Data File : VX044197.D  
Acq On : 10 Dec 2024 10:43  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

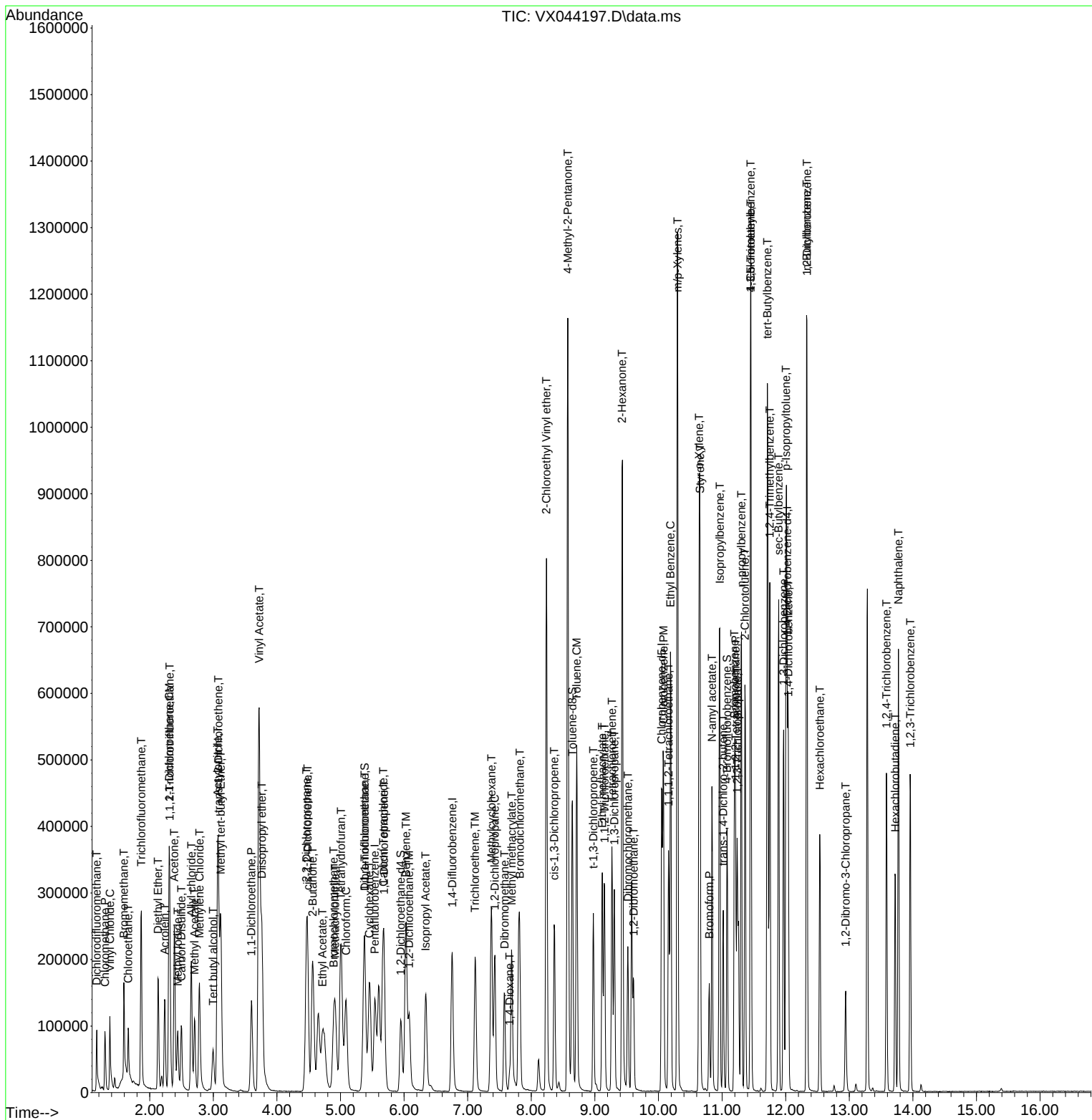
Instrument :  
MSVOA\_X  
ClientSampleId :

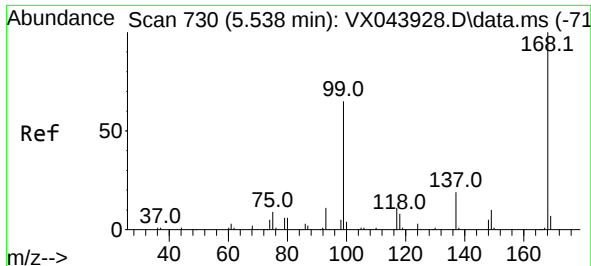
Quant Time: Dec 11 01:25:49 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration

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

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

Quant Time: Dec 11 01:25:49 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



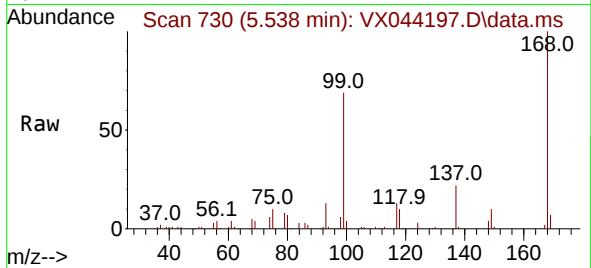


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

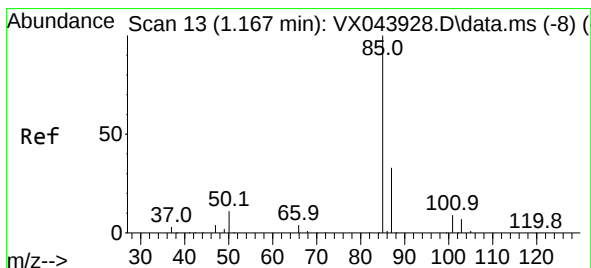
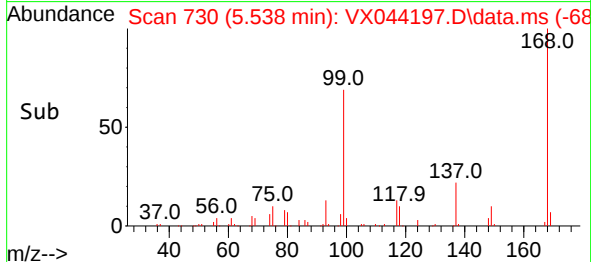
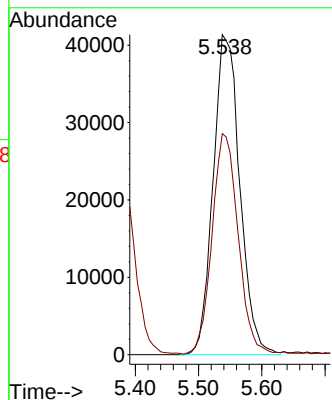
Instrument :

MSVOA\_X

ClientSampleId :

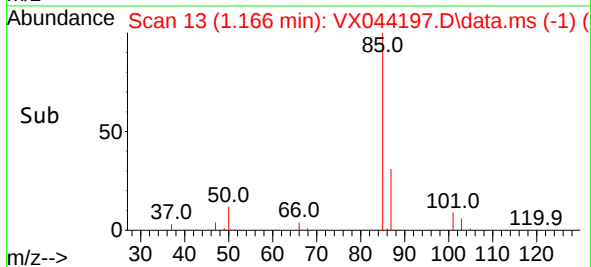
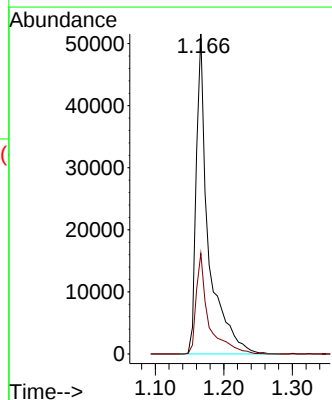
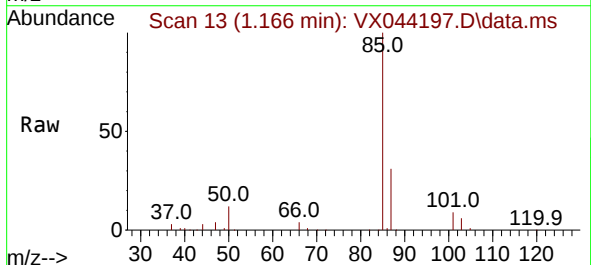


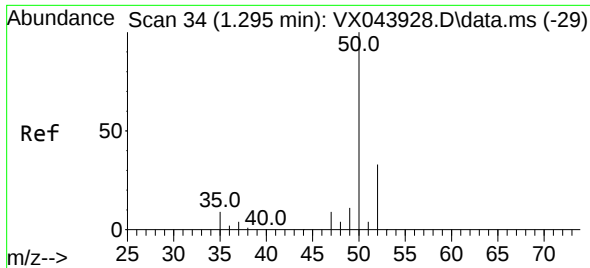
Tgt Ion:168 Resp: 121082  
Ion Ratio Lower Upper  
168 100  
99 68.7 51.8 77.8



#2  
Dichlorodifluoromethane  
Concen: 41.618 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 85 Resp: 63839  
Ion Ratio Lower Upper  
85 100  
87 31.4 16.6 49.8

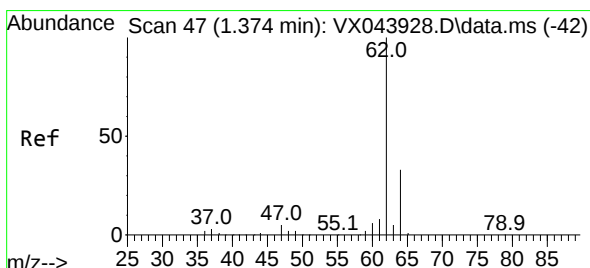
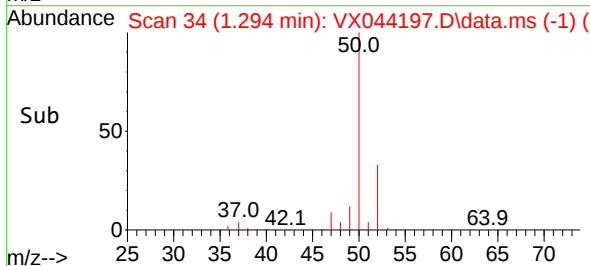
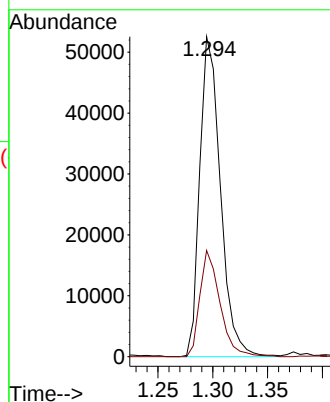
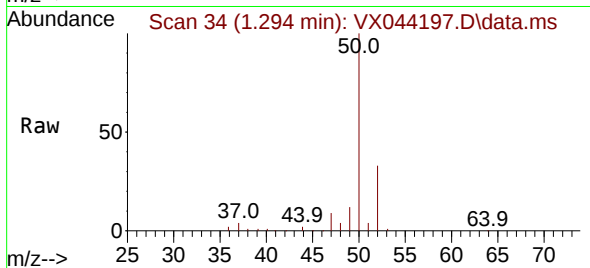




#3  
Chloromethane  
Concen: 42.716 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

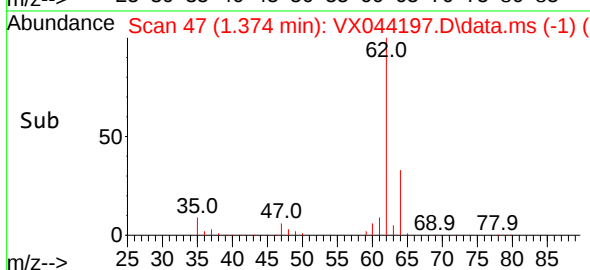
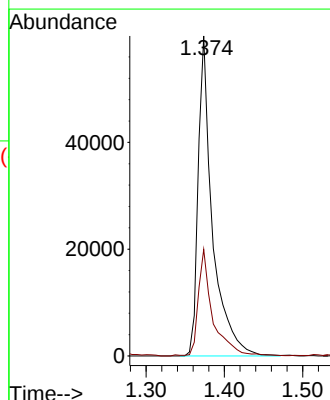
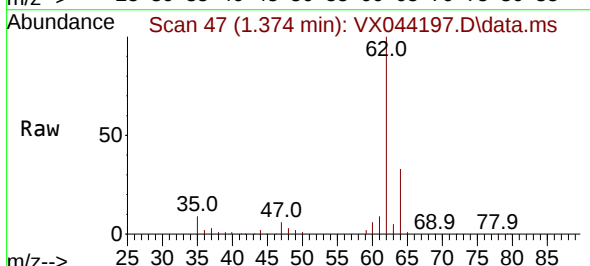
Instrument :  
MSVOA\_X  
ClientSampleId :

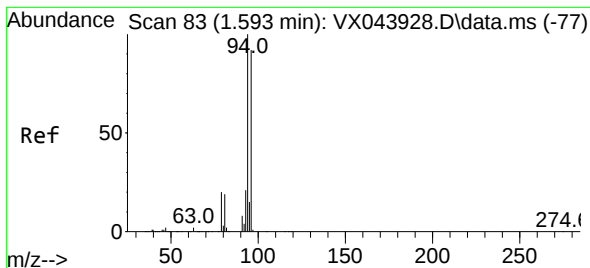
Tgt Ion: 50 Resp: 68950  
Ion Ratio Lower Upper  
50 100  
52 33.2 26.1 39.1



#4  
Vinyl Chloride  
Concen: 44.323 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 62 Resp: 76098  
Ion Ratio Lower Upper  
62 100  
64 33.2 26.2 39.4





#5

Bromomethane

Concen: 52.201 ug/l

RT: 1.593 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

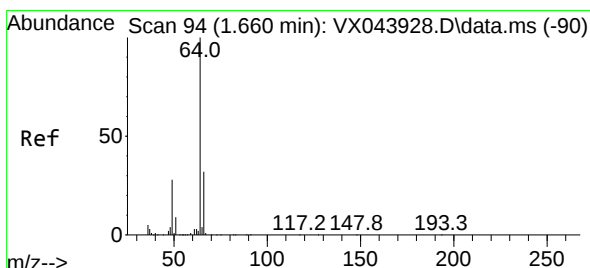
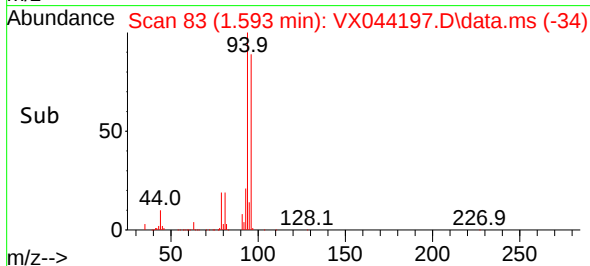
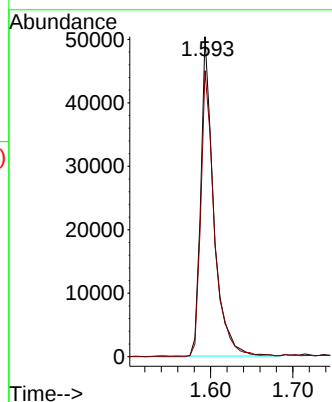
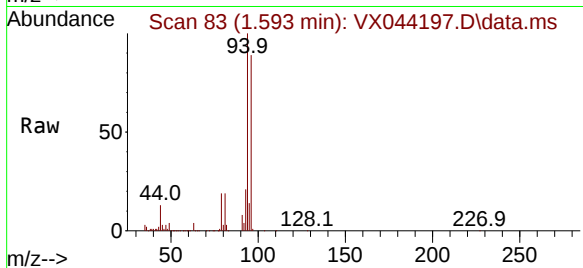
ClientSampleId :

Tgt Ion: 94 Resp: 55134

Ion Ratio Lower Upper

94 100

96 89.6 73.9 110.9



#6

Chloroethane

Concen: 49.095 ug/l

RT: 1.660 min Scan# 94

Delta R.T. -0.000 min

Lab File: VX044197.D

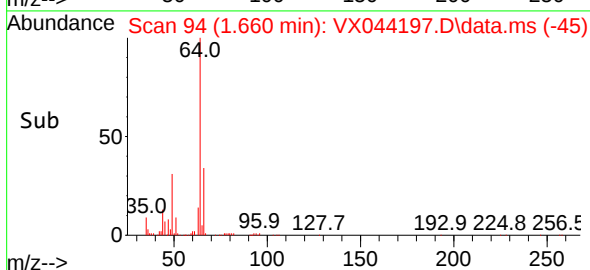
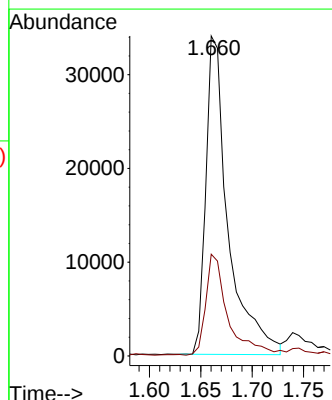
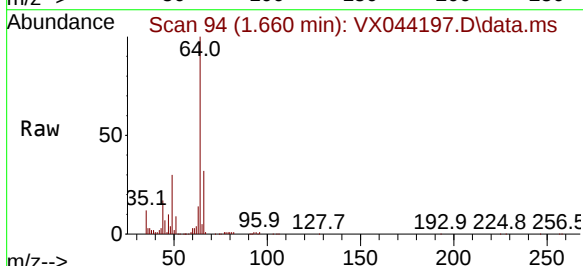
Acq: 10 Dec 2024 10:43

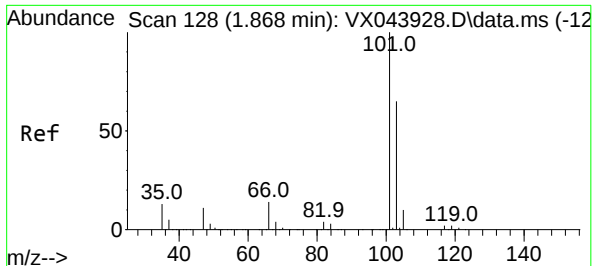
Tgt Ion: 64 Resp: 51361

Ion Ratio Lower Upper

64 100

66 31.5 25.9 38.9

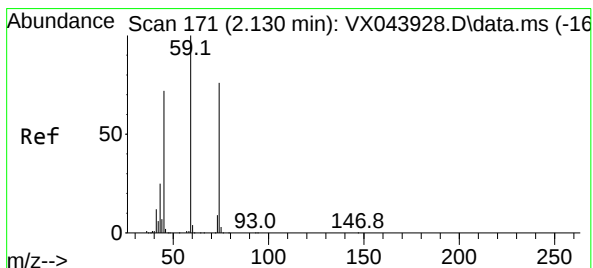
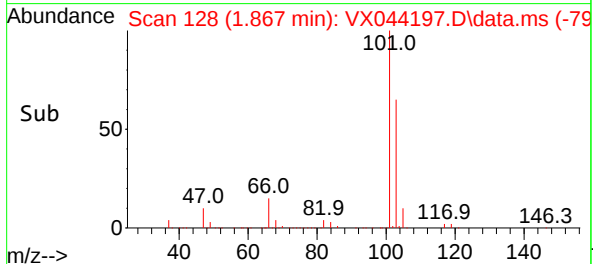
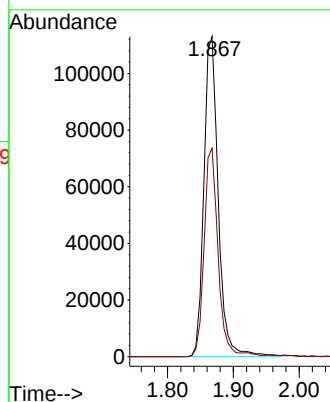
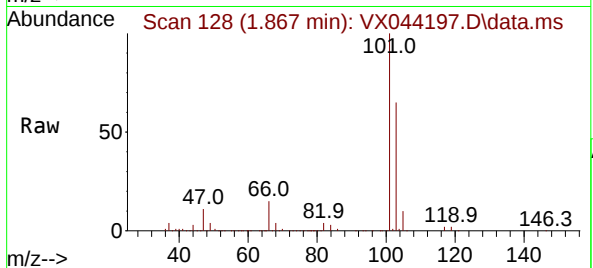




#7  
 Trichlorofluoromethane  
 Concen: 55.927 ug/l  
 RT: 1.867 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX044197.D  
 Acq: 10 Dec 2024 10:43

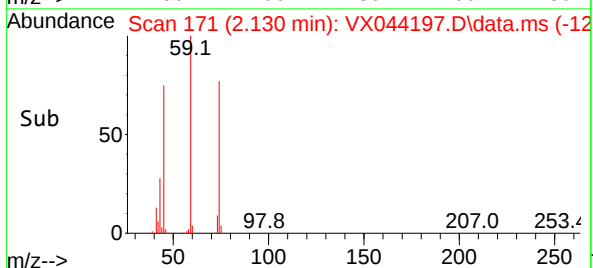
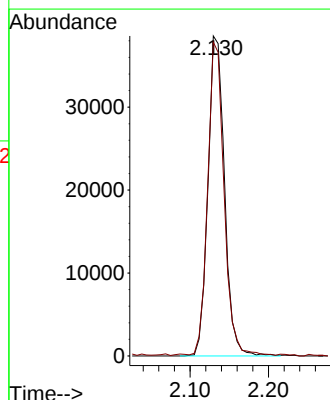
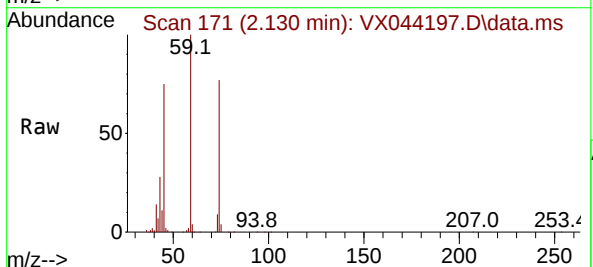
Instrument :  
 MSVOA\_X  
 ClientSampleId :

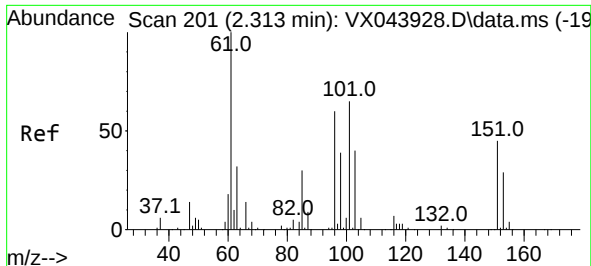
Tgt Ion:101 Resp: 171671  
 Ion Ratio Lower Upper  
 101 100  
 103 65.1 52.2 78.2



#8  
 Diethyl Ether  
 Concen: 50.549 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.000 min  
 Lab File: VX044197.D  
 Acq: 10 Dec 2024 10:43

Tgt Ion: 74 Resp: 56553  
 Ion Ratio Lower Upper  
 74 100  
 45 97.0 47.9 143.6

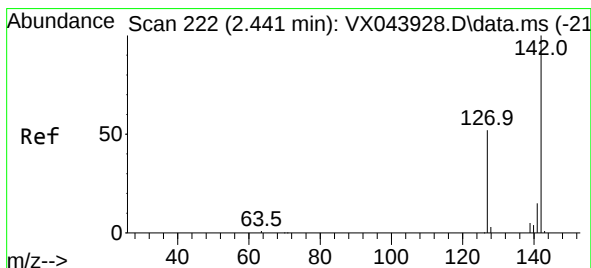
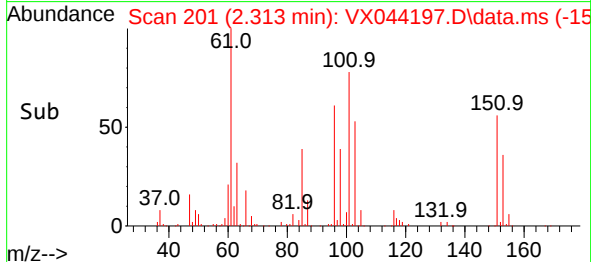
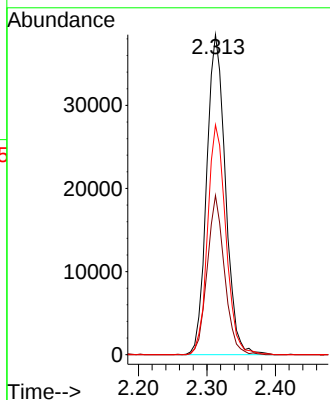
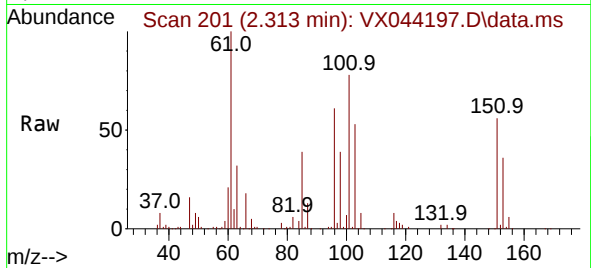




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.083 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

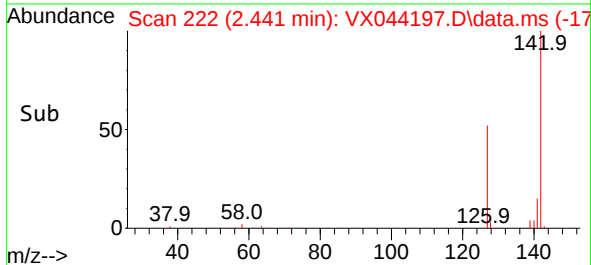
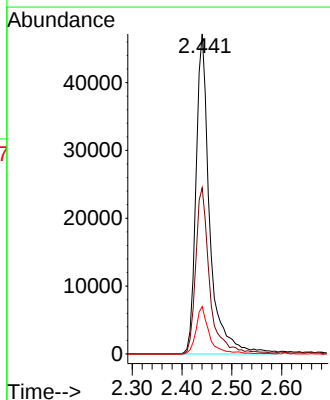
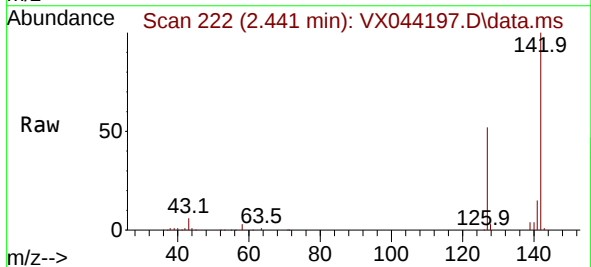
Instrument :  
MSVOA\_X  
ClientSampleId :

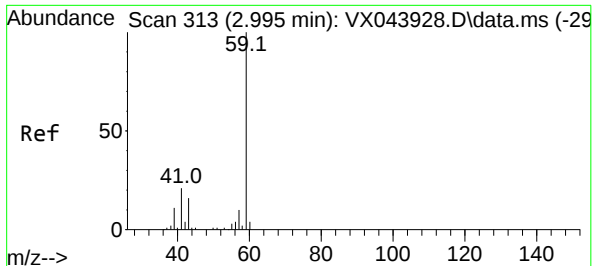
Tgt Ion:101 Resp: 73331  
Ion Ratio Lower Upper  
101 100  
85 46.0 37.9 56.9  
151 69.9 57.5 86.3



#10  
Methyl Iodide  
Concen: 49.465 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion:142 Resp: 90454  
Ion Ratio Lower Upper  
142 100  
127 53.0 40.7 61.1  
141 14.3 12.0 18.0

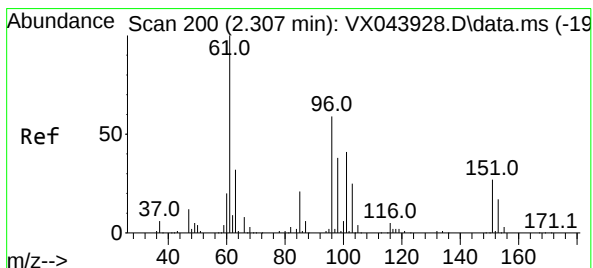
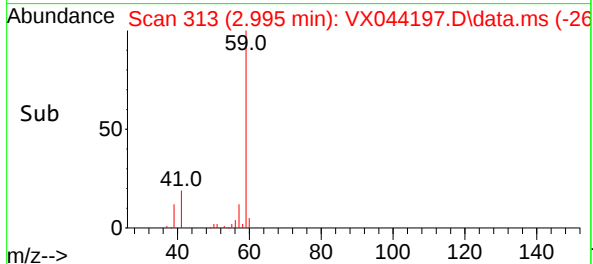
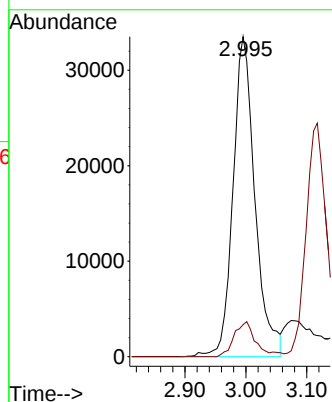
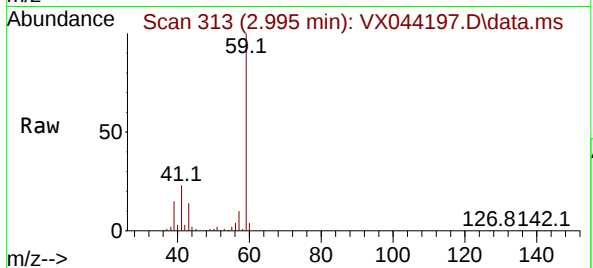




#11  
Tert butyl alcohol  
Concen: 251.566 ug/l  
RT: 2.995 min Scan# 313  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

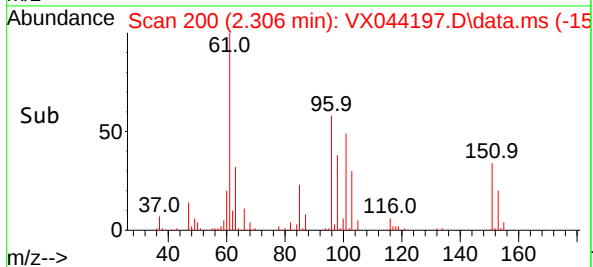
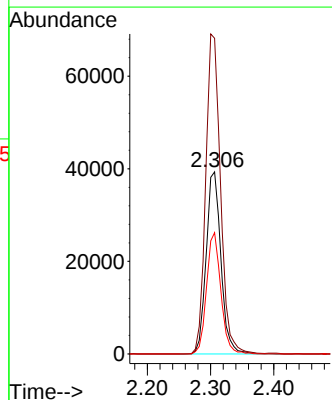
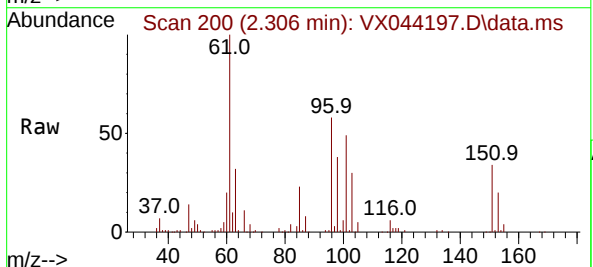
Instrument :  
MSVOA\_X  
ClientSampleId :

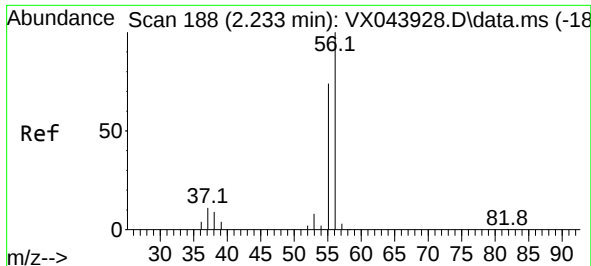
Tgt Ion: 59 Resp: 83857  
Ion Ratio Lower Upper  
59 100  
57 10.9 7.9 11.9



#12  
1,1-Dichloroethene  
Concen: 45.885 ug/l  
RT: 2.306 min Scan# 200  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 96 Resp: 64019  
Ion Ratio Lower Upper  
96 100  
61 173.4 135.5 203.3  
98 66.6 50.8 76.2

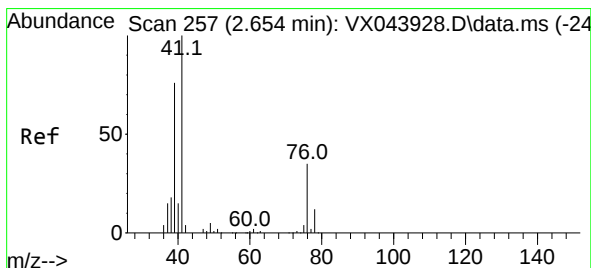
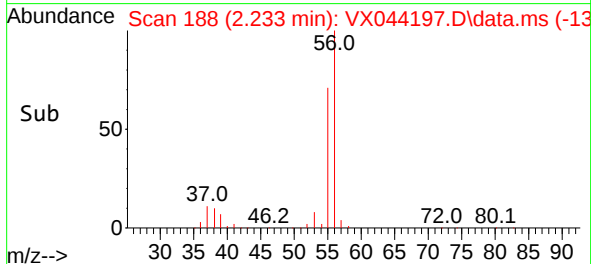
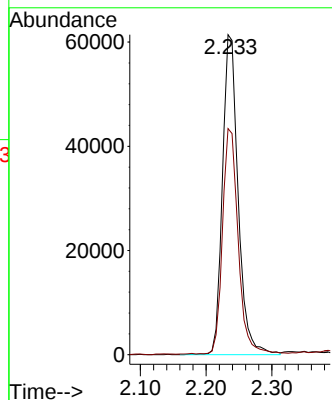
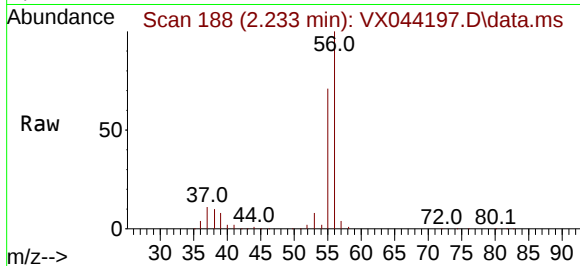




#13  
Acrolein  
Concen: 289.842 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

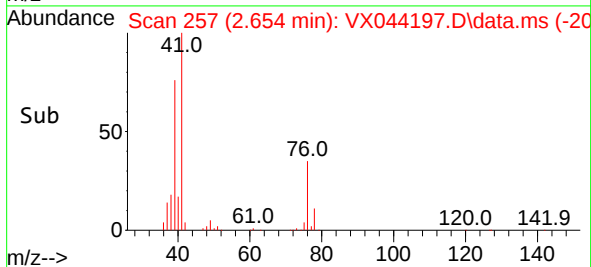
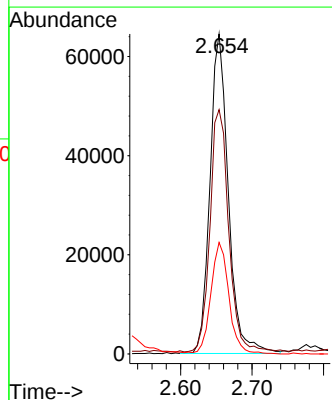
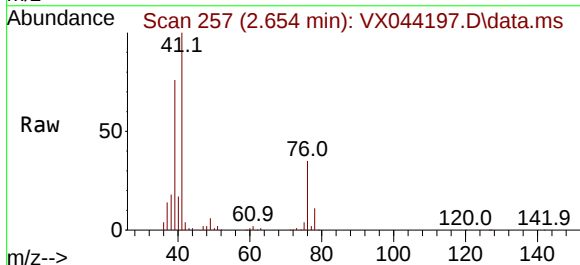
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 56 Resp: 101837  
Ion Ratio Lower Upper  
56 100  
55 70.1 58.2 87.2



#14  
Allyl chloride  
Concen: 50.451 ug/l  
RT: 2.654 min Scan# 257  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 41 Resp: 115018  
Ion Ratio Lower Upper  
41 100  
39 77.9 59.5 89.3  
76 34.4 27.4 41.2





#15

Acrylonitrile

Concen: 279.648 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

ClientSampleId :

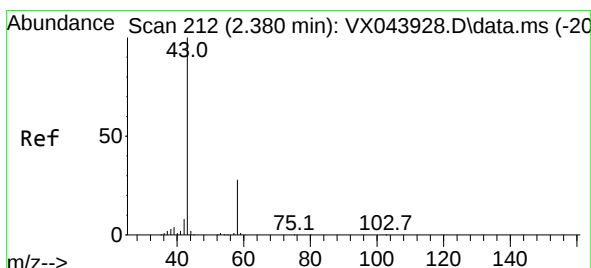
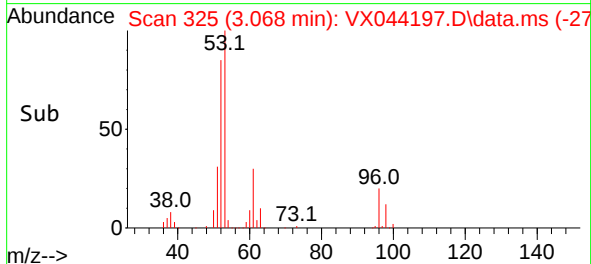
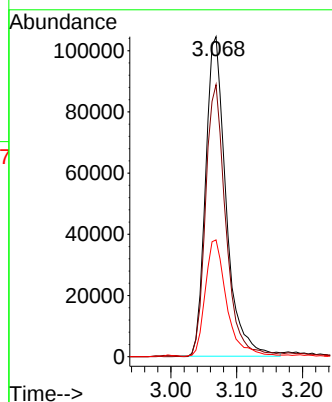
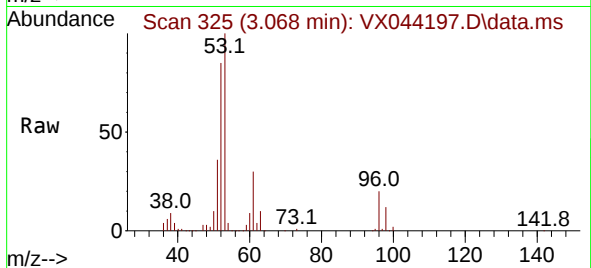
Tgt Ion: 53 Resp: 227165

Ion Ratio Lower Upper

53 100

52 83.9 66.5 99.7

51 38.1 30.2 45.4



#16

Acetone

Concen: 290.702 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044197.D

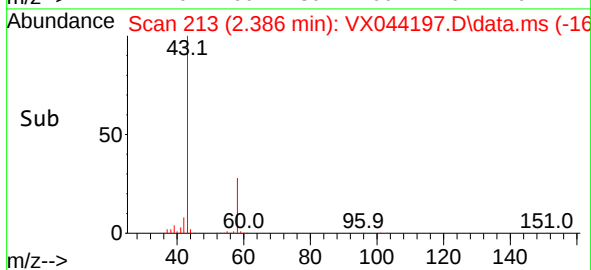
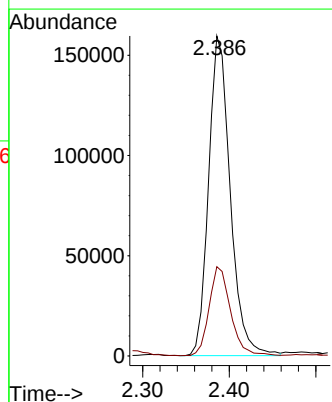
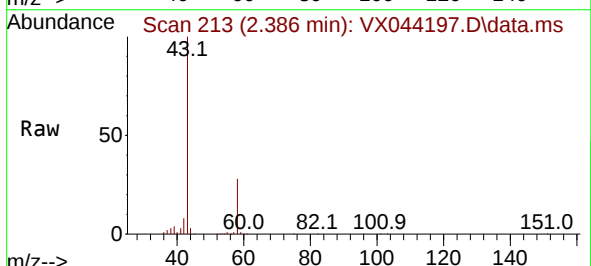
Acq: 10 Dec 2024 10:43

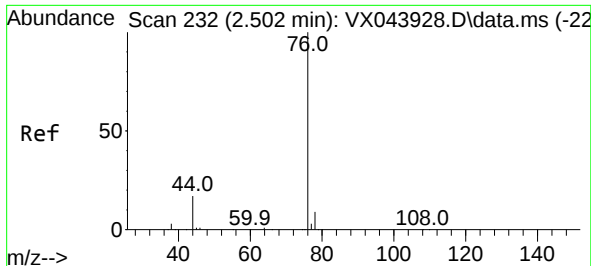
Tgt Ion: 43 Resp: 277283

Ion Ratio Lower Upper

43 100

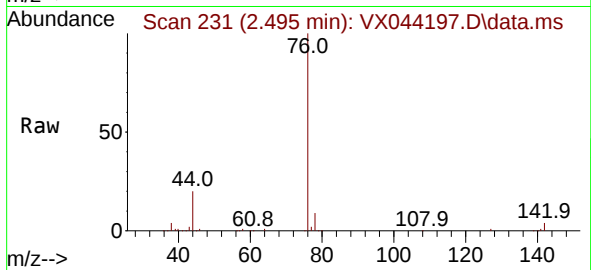
58 27.8 22.7 34.1



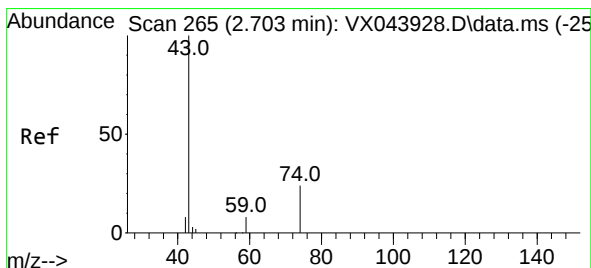
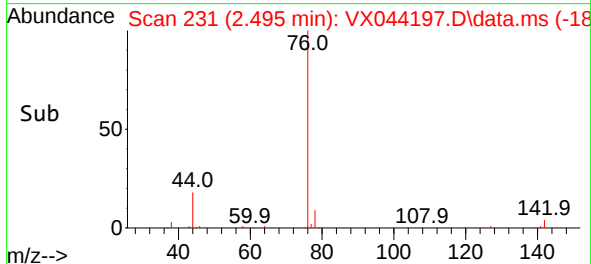
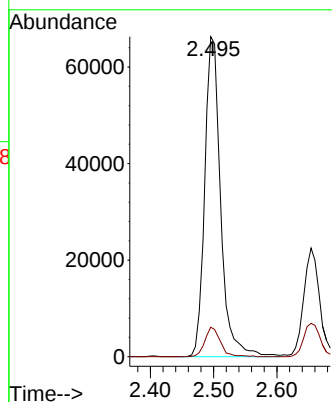


#17  
Carbon Disulfide  
Concen: 40.453 ug/l  
RT: 2.495 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Instrument :  
MSVOA\_X  
ClientSampleId :

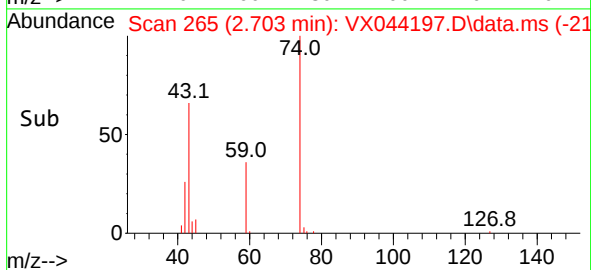
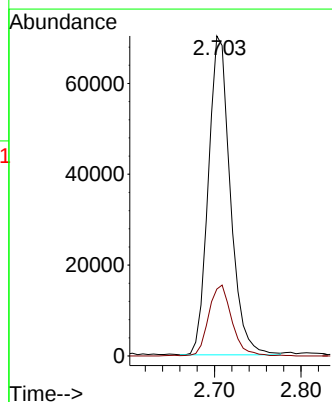
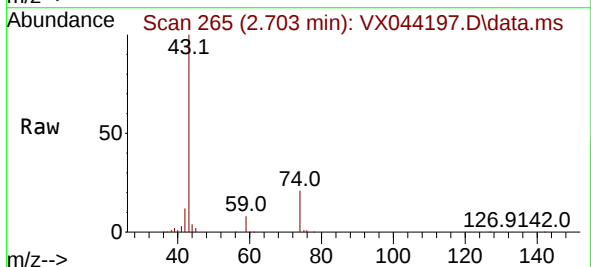


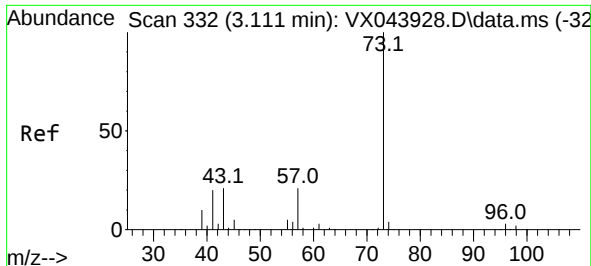
Tgt Ion: 76 Resp: 116422  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6



#18  
Methyl Acetate  
Concen: 55.695 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 43 Resp: 123713  
Ion Ratio Lower Upper  
43 100  
74 23.6 18.9 28.3

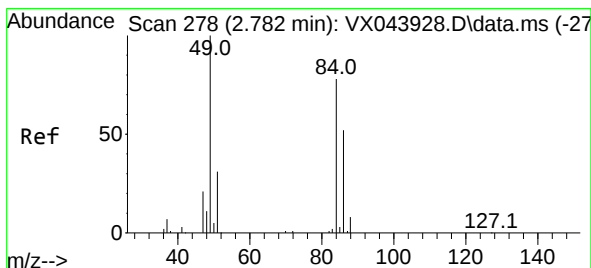
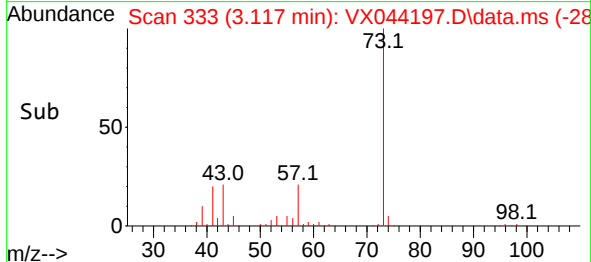
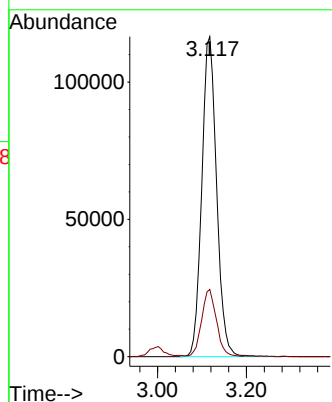
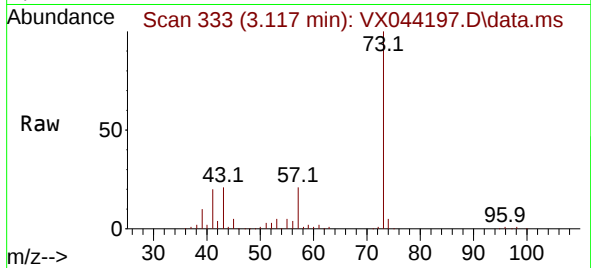




#19  
Methyl tert-butyl Ether  
Concen: 53.378 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

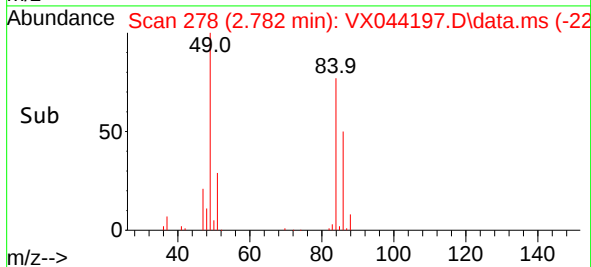
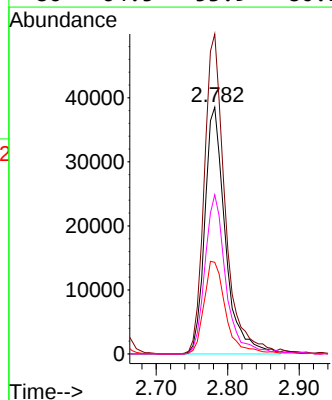
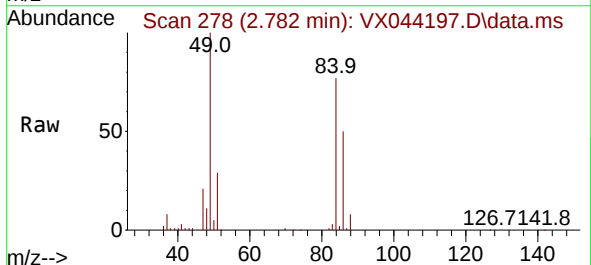
Instrument :  
MSVOA\_X  
ClientSampleId :

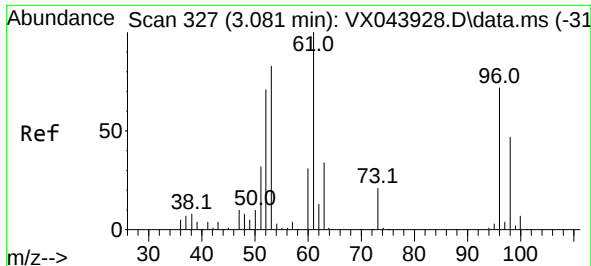
Tgt Ion: 73 Resp: 270415  
Ion Ratio Lower Upper  
73 100  
57 20.9 17.0 25.6



#20  
Methylene Chloride  
Concen: 47.664 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 84 Resp: 77152  
Ion Ratio Lower Upper  
84 100  
49 129.7 102.7 154.1  
51 37.1 31.7 47.5  
86 64.5 53.9 80.9

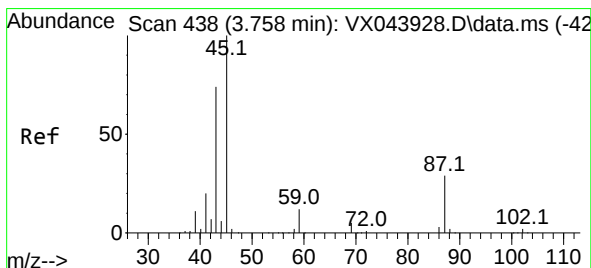
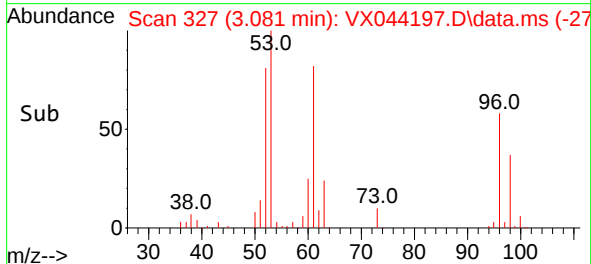
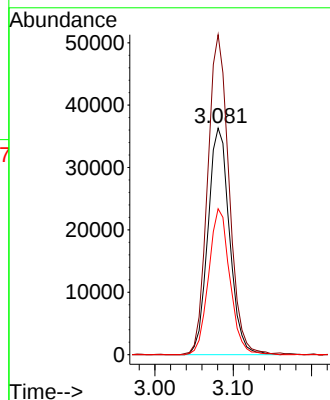
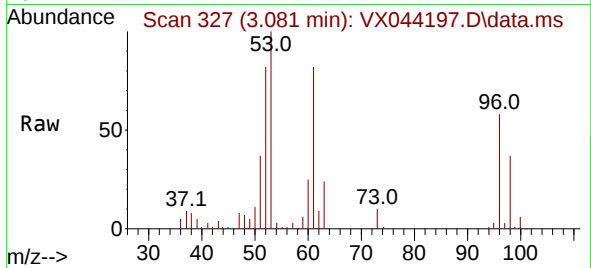




#21  
trans-1,2-Dichloroethene  
Concen: 48.196 ug/l  
RT: 3.081 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

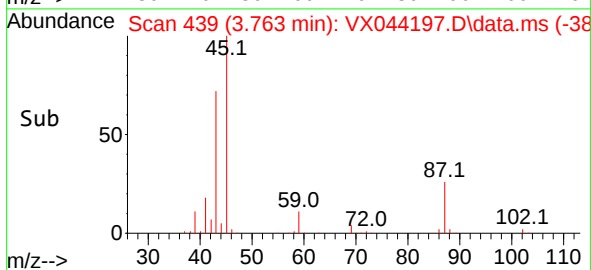
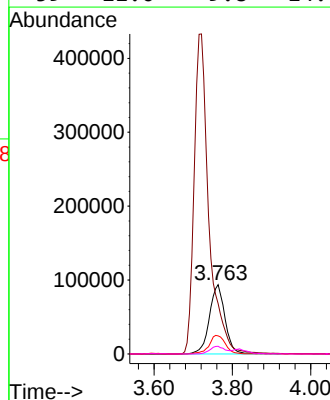
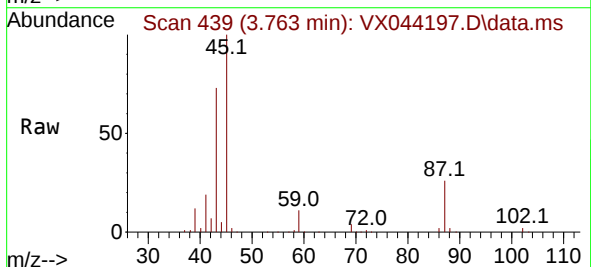
Instrument :  
MSVOA\_X  
ClientSampleId :

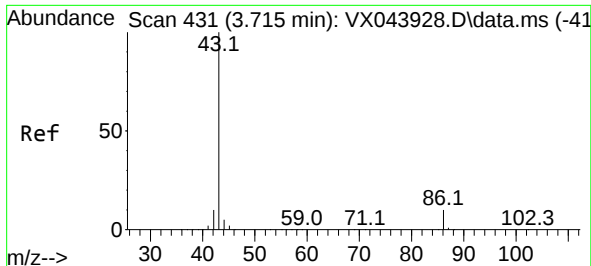
Tgt Ion: 96 Resp: 69426  
Ion Ratio Lower Upper  
96 100  
61 141.2 111.8 167.6  
98 64.4 52.7 79.1



#22  
Diisopropyl ether  
Concen: 53.030 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 45 Resp: 258512  
Ion Ratio Lower Upper  
45 100  
43 72.5 59.6 89.4  
87 26.2 22.9 34.3  
59 11.0 9.8 14.6

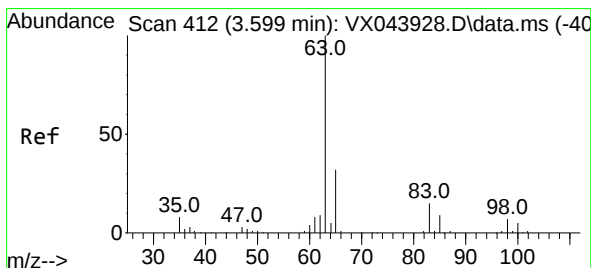
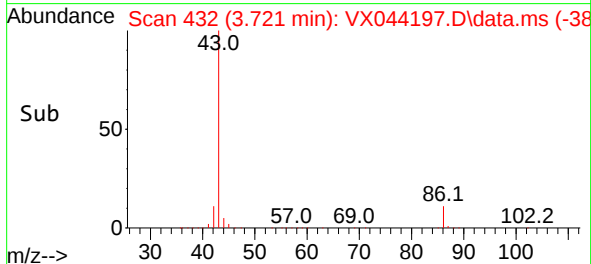
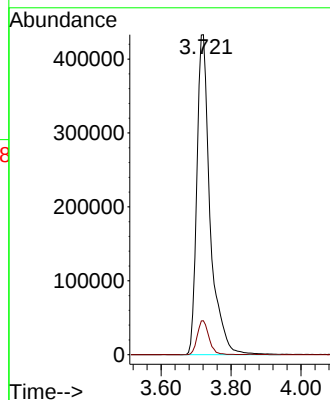
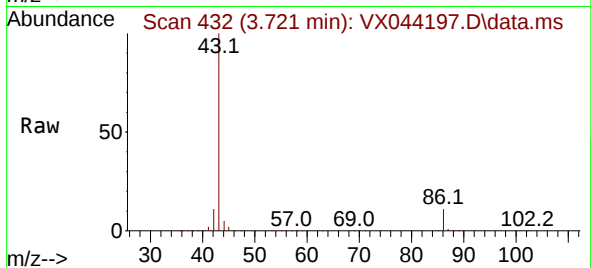




#23  
Vinyl Acetate  
Concen: 273.194 ug/l  
RT: 3.721 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

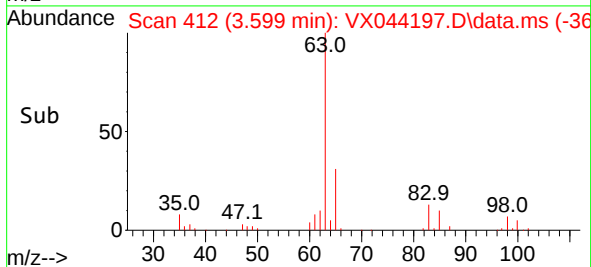
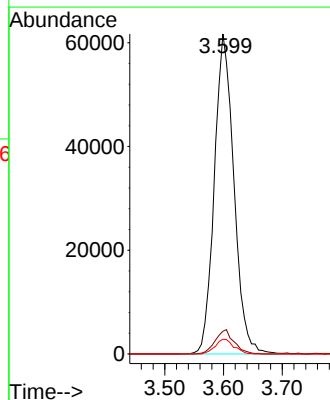
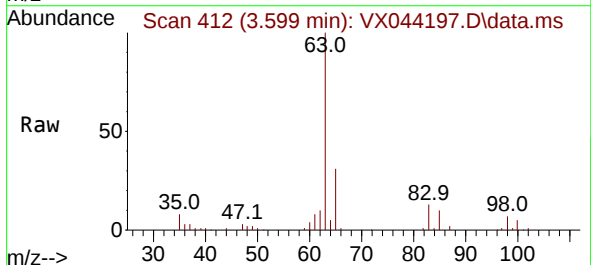
Instrument :  
MSVOA\_X  
ClientSampleId :

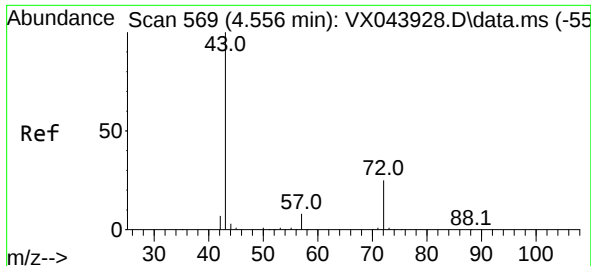
Tgt Ion: 43 Resp: 1139264  
Ion Ratio Lower Upper  
43 100  
86 10.6 8.3 12.5



#24  
1,1-Dichloroethane  
Concen: 50.716 ug/l  
RT: 3.599 min Scan# 412  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 63 Resp: 142627  
Ion Ratio Lower Upper  
63 100  
98 7.1 3.5 10.6  
100 4.6 2.4 7.1





#25

2-Butanone

Concen: 295.530 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

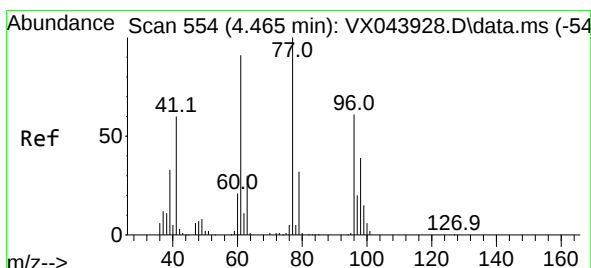
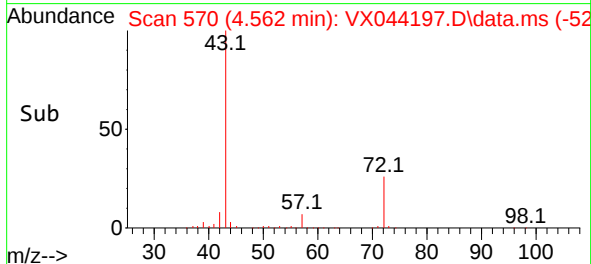
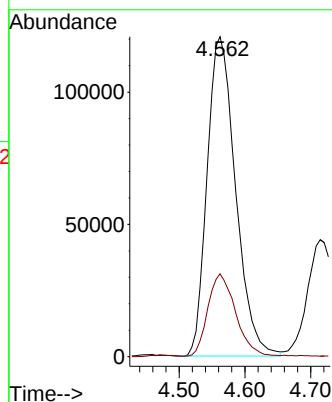
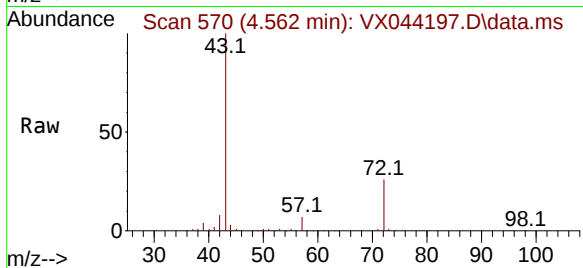
ClientSampleId :

Tgt Ion: 43 Resp: 363724

Ion Ratio Lower Upper

43 100

72 25.7 20.2 30.2



#26

2,2-Dichloropropane

Concen: 52.181 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.000 min

Lab File: VX044197.D

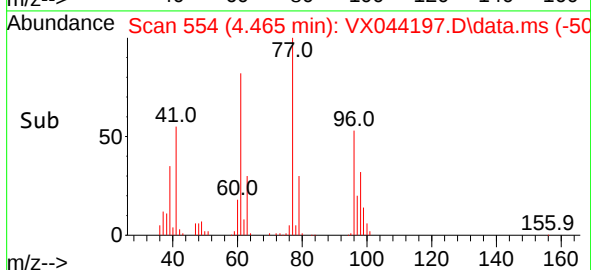
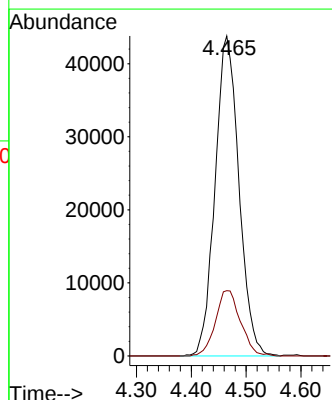
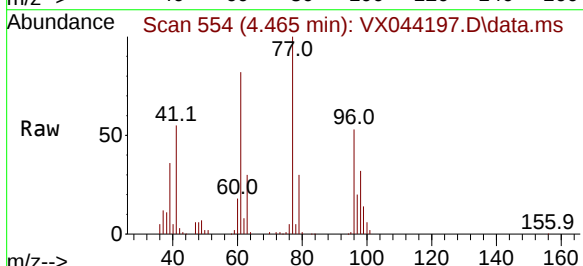
Acq: 10 Dec 2024 10:43

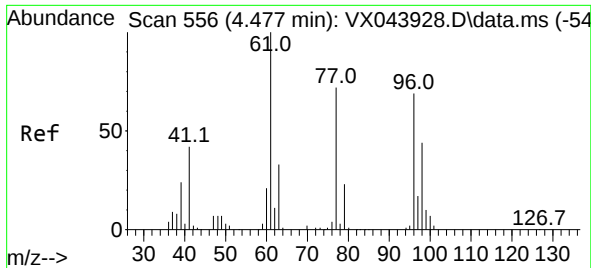
Tgt Ion: 77 Resp: 132529

Ion Ratio Lower Upper

77 100

97 21.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.935 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

ClientSampleId :

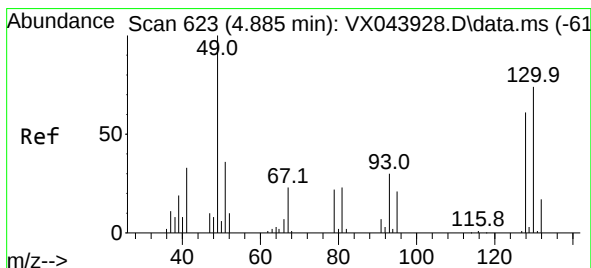
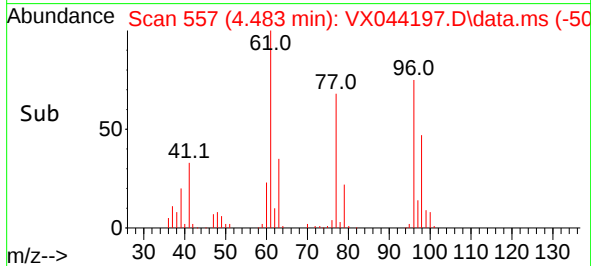
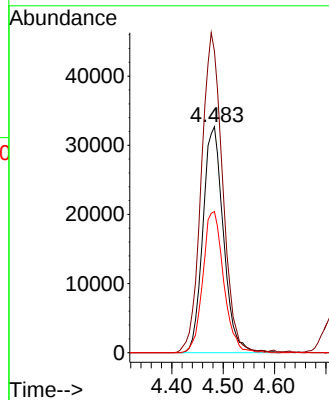
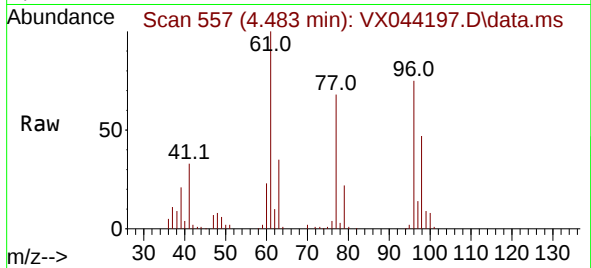
Tgt Ion: 96 Resp: 90693

Ion Ratio Lower Upper

96 100

61 146.4 0.0 297.4

98 63.2 0.0 127.8



#28

Bromochloromethane

Concen: 47.802 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

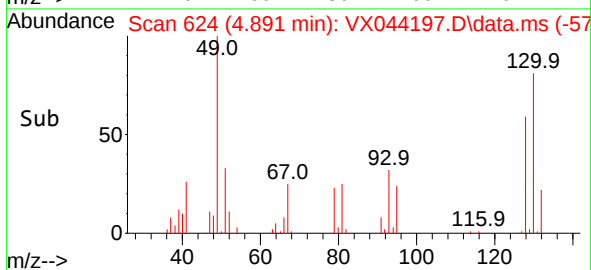
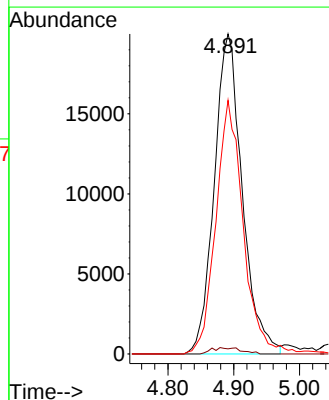
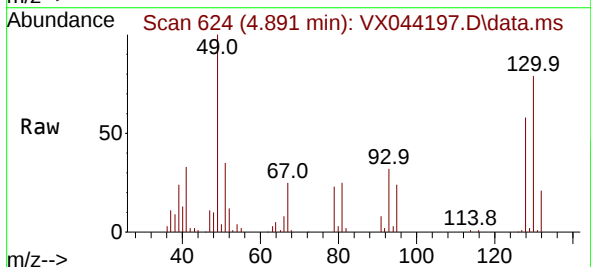
Tgt Ion: 49 Resp: 59174

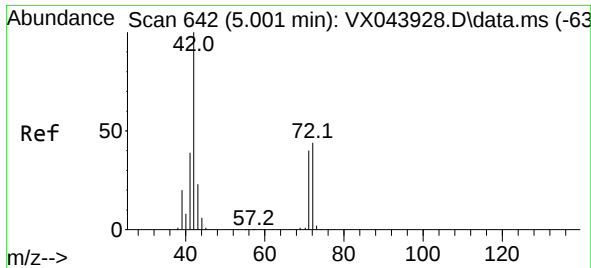
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 77.2 59.0 88.6





#29

Tetrahydrofuran

Concen: 277.191 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

ClientSampleId :

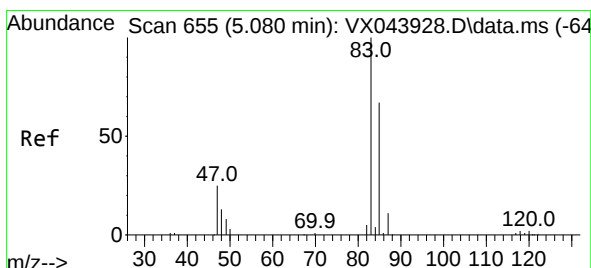
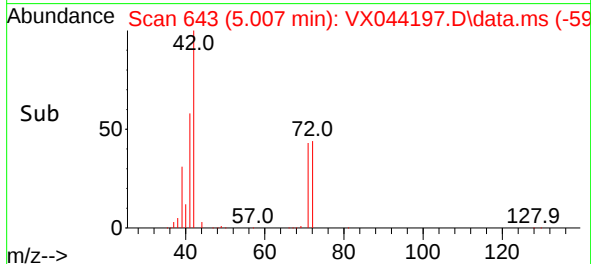
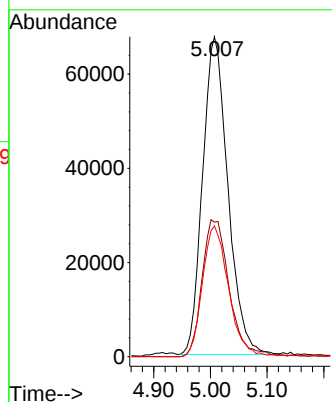
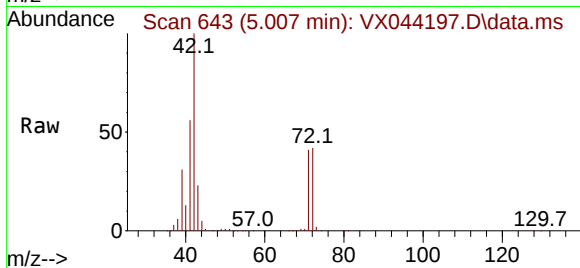
Tgt Ion: 42 Resp: 209149

Ion Ratio Lower Upper

42 100

72 45.9 36.4 54.6

71 42.5 33.4 50.0



#30

Chloroform

Concen: 51.884 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX044197.D

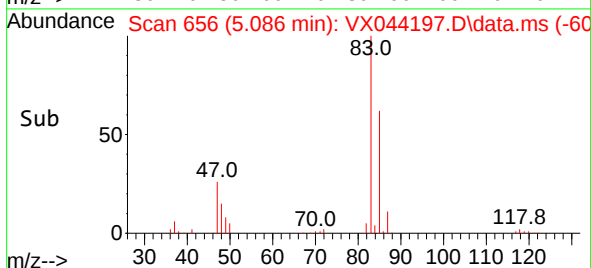
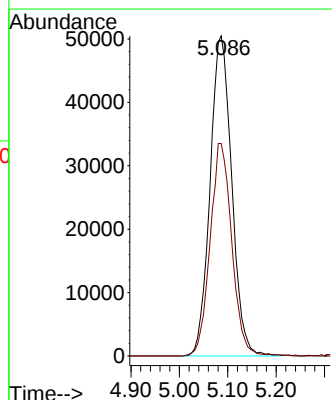
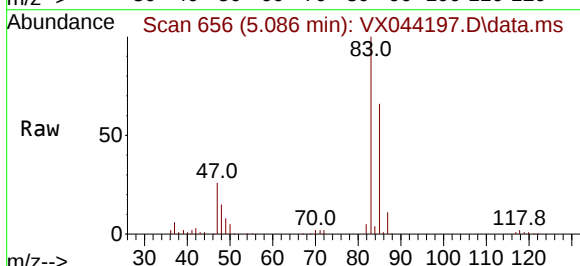
Acq: 10 Dec 2024 10:43

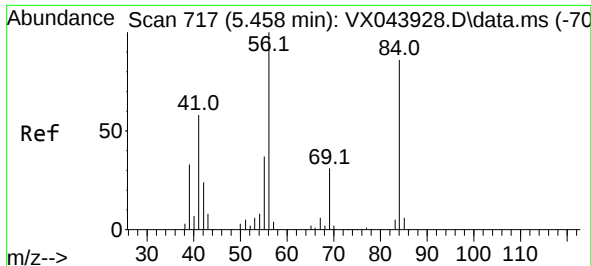
Tgt Ion: 83 Resp: 156932

Ion Ratio Lower Upper

83 100

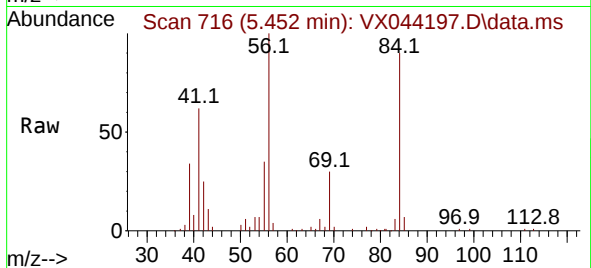
85 66.4 53.5 80.3



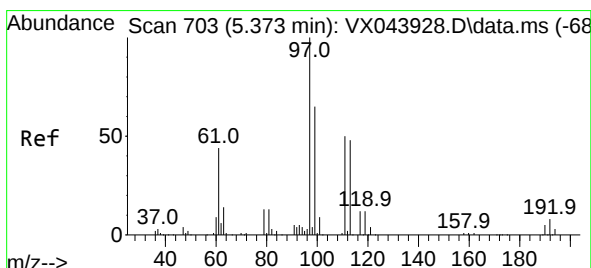
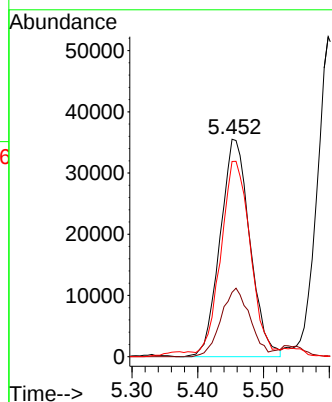
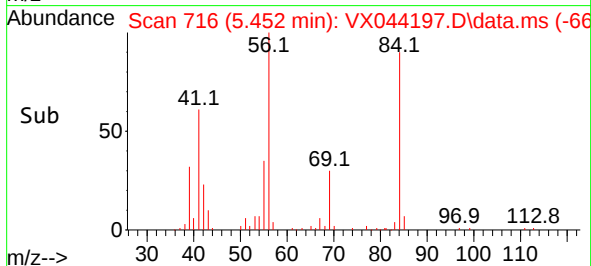


#31  
Cyclohexane  
Concen: 48.357 ug/l  
RT: 5.452 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Instrument :  
MSVOA\_X  
ClientSampleId :

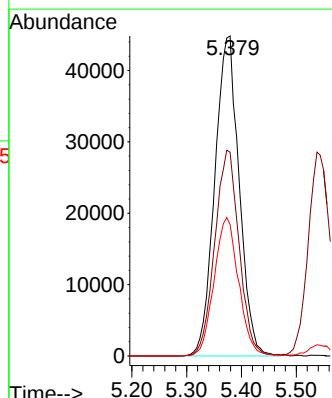
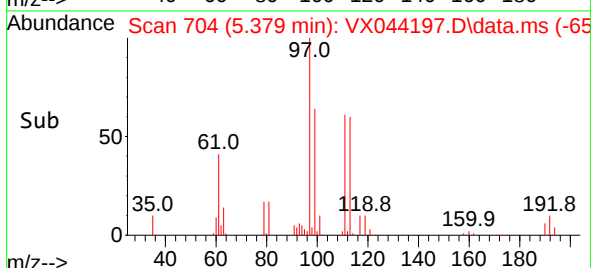
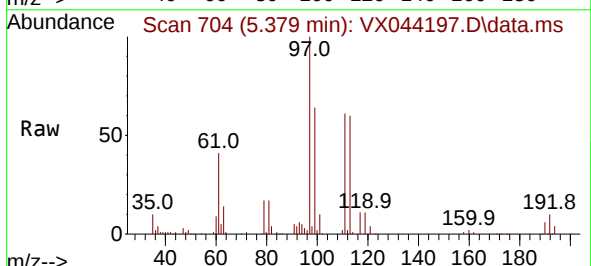


Tgt Ion: 56 Resp: 111927  
Ion Ratio Lower Upper  
56 100  
69 29.6 24.7 37.1  
84 87.5 68.7 103.1



#32  
1,1,1-Trichloroethane  
Concen: 53.075 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 97 Resp: 138440  
Ion Ratio Lower Upper  
97 100  
99 64.3 50.8 76.2  
61 43.5 35.4 53.2

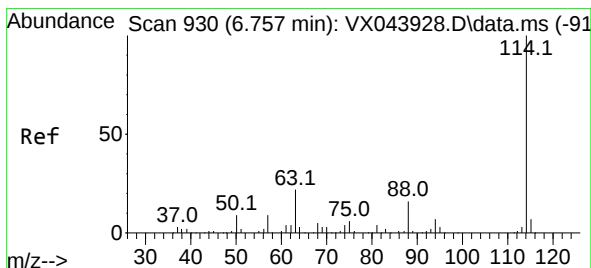
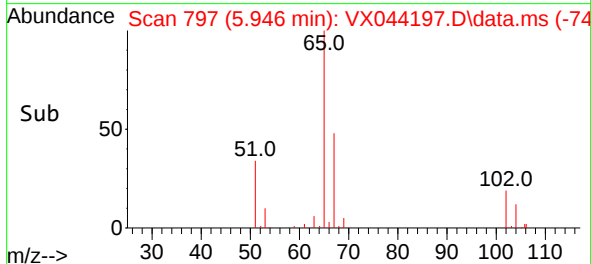
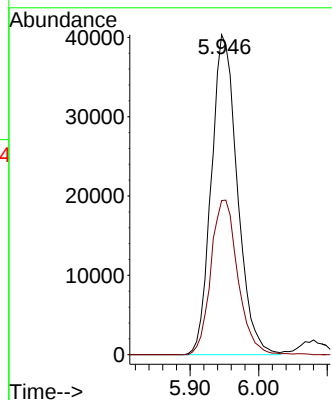
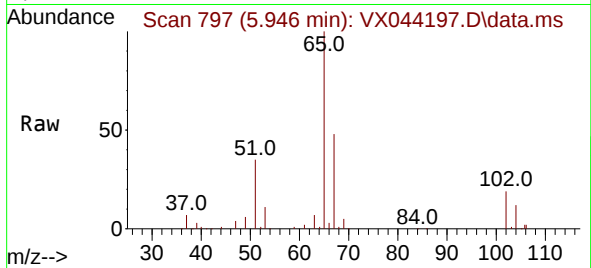




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.166 ug/l  
 RT: 5.946 min Scan# 797  
 Delta R.T. -0.000 min  
 Lab File: VX044197.D  
 Acq: 10 Dec 2024 10:43

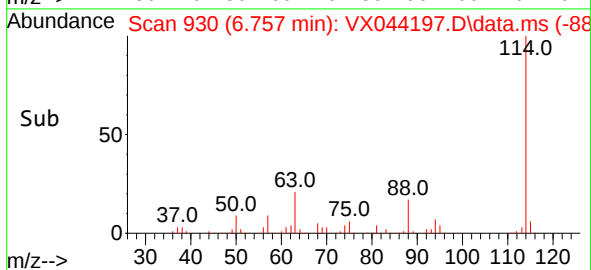
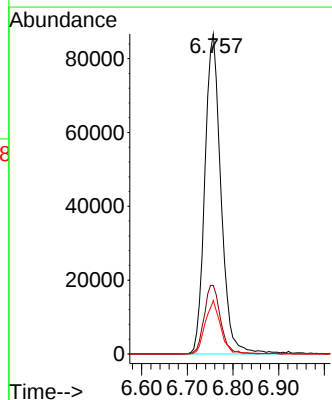
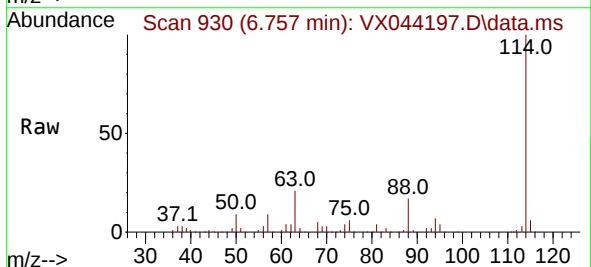
Instrument :  
 MSVOA\_X  
 ClientSampleId :

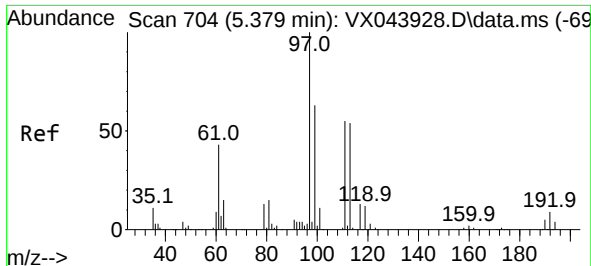
Tgt Ion: 65 Resp: 106260  
 Ion Ratio Lower Upper  
 65 100  
 67 50.0 0.0 100.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. -0.000 min  
 Lab File: VX044197.D  
 Acq: 10 Dec 2024 10:43

Tgt Ion: 114 Resp: 212067  
 Ion Ratio Lower Upper  
 114 100  
 63 21.4 0.0 44.0  
 88 16.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.308 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

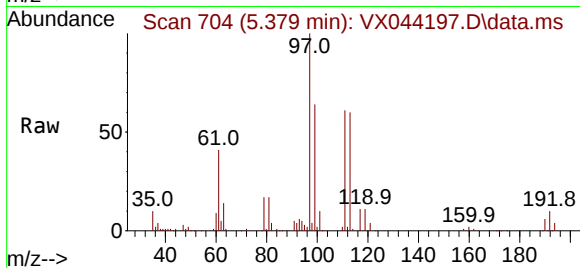
Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

ClientSampleId :



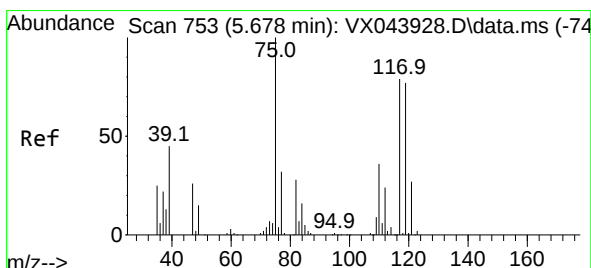
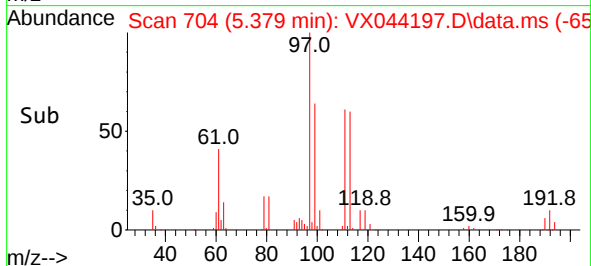
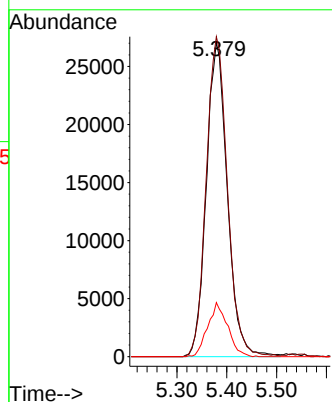
Tgt Ion:113 Resp: 79263

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.4

192 16.4 13.0 19.6



#36

1,1-Dichloropropene

Concen: 51.492 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

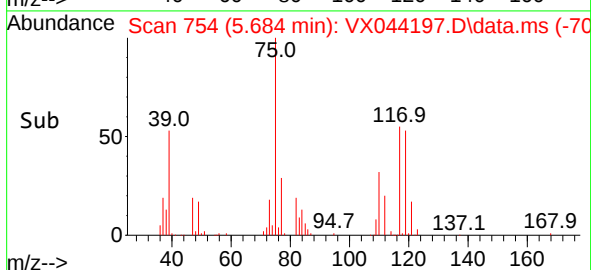
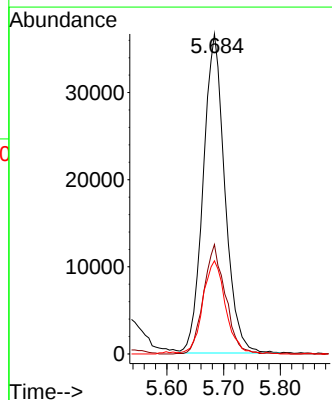
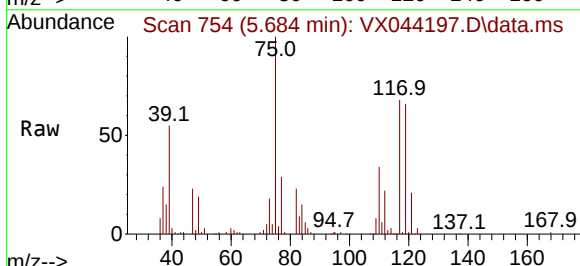
Tgt Ion: 75 Resp: 97232

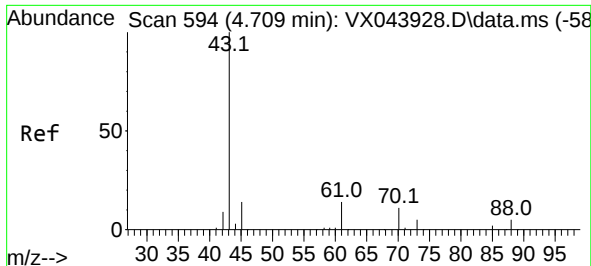
Ion Ratio Lower Upper

75 100

110 34.4 17.4 52.2

77 30.4 25.8 38.8





#37

Ethyl Acetate

Concen: 57.521 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

ClientSampleId :

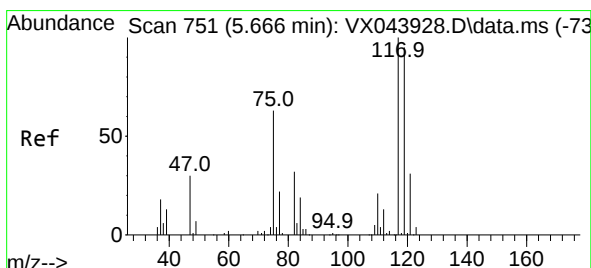
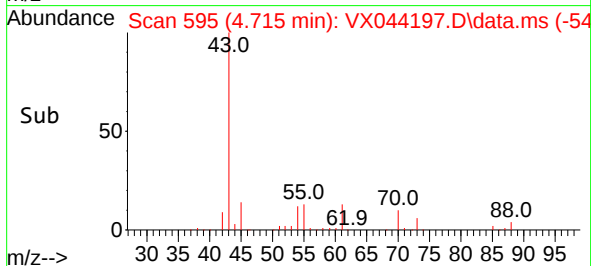
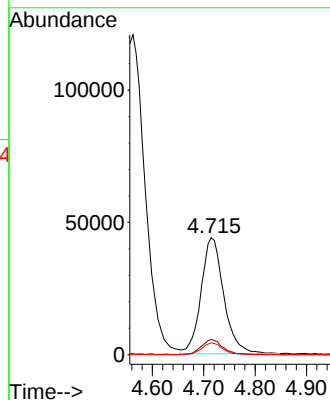
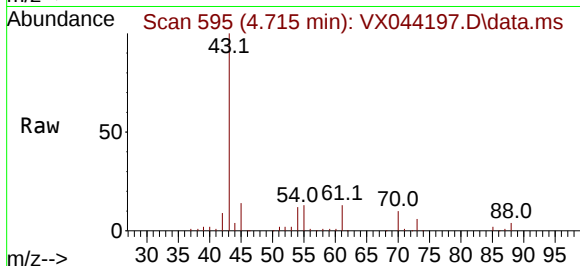
Tgt Ion: 43 Resp: 134827

Ion Ratio Lower Upper

43 100

61 12.4 10.7 16.1

70 9.4 8.0 12.0



#38

Carbon Tetrachloride

Concen: 52.842 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

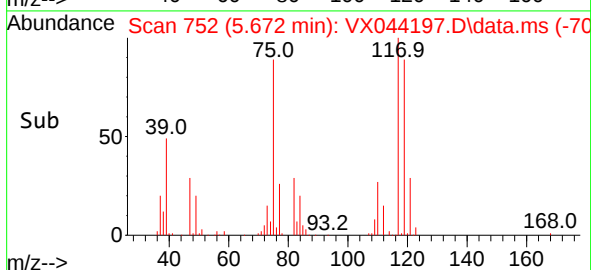
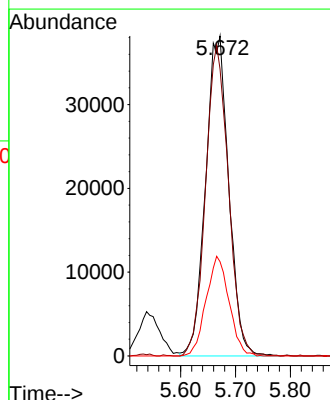
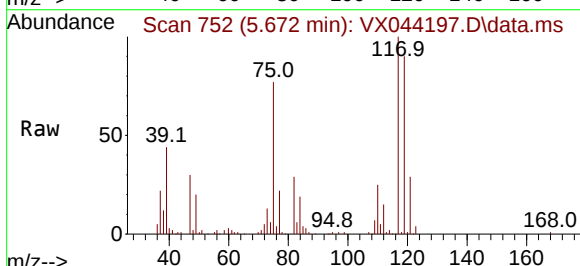
Tgt Ion: 117 Resp: 112117

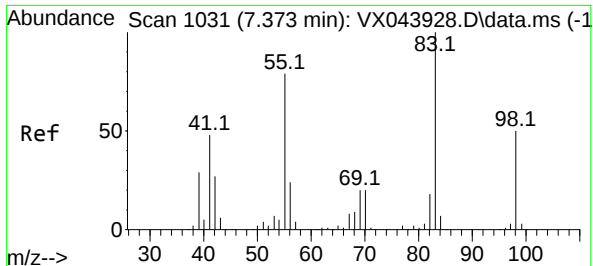
Ion Ratio Lower Upper

117 100

119 89.7 75.2 112.8

121 29.4 24.5 36.7





#39

Methylcyclohexane

Concen: 50.287 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

ClientSampleId :

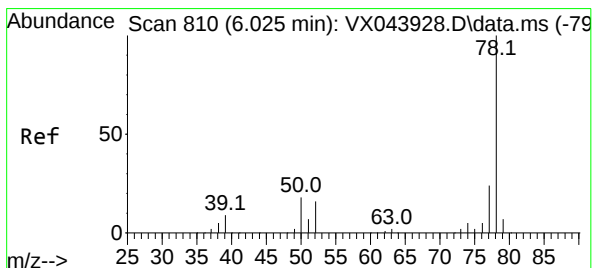
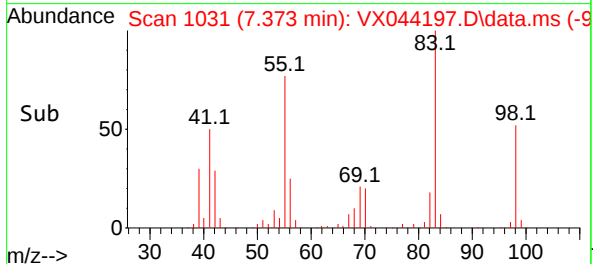
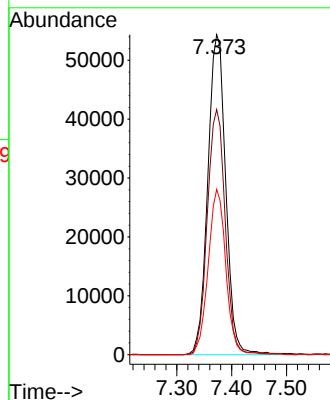
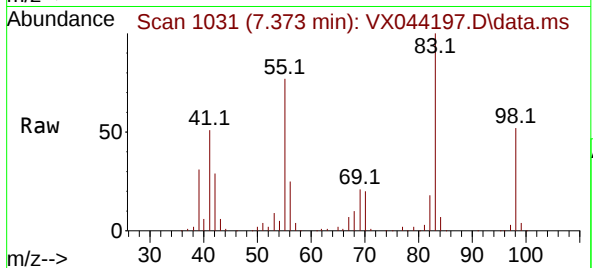
Tgt Ion: 83 Resp: 123359

Ion Ratio Lower Upper

83 100

55 76.6 63.1 94.7

98 51.6 40.0 60.0



#40

Benzene

Concen: 50.434 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX044197.D

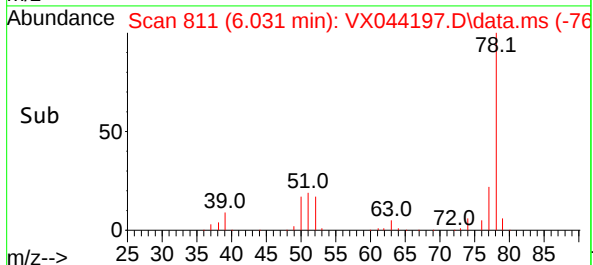
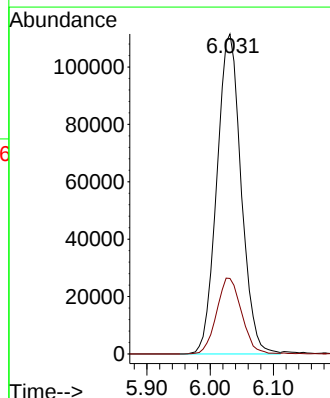
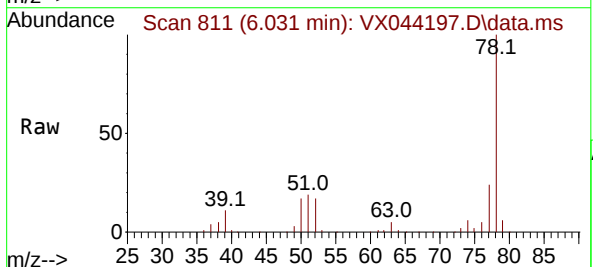
Acq: 10 Dec 2024 10:43

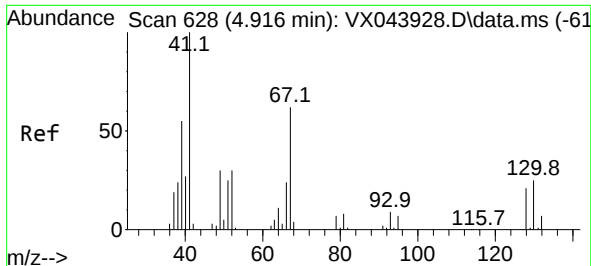
Tgt Ion: 78 Resp: 296645

Ion Ratio Lower Upper

78 100

77 23.6 19.2 28.8

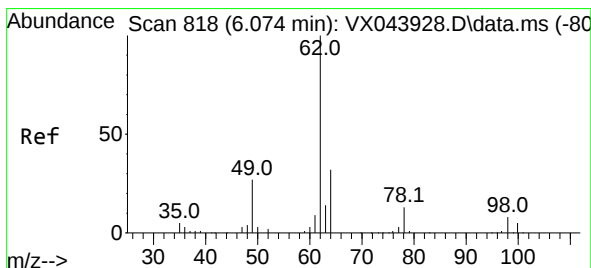
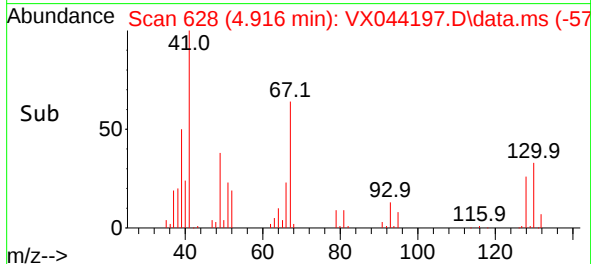
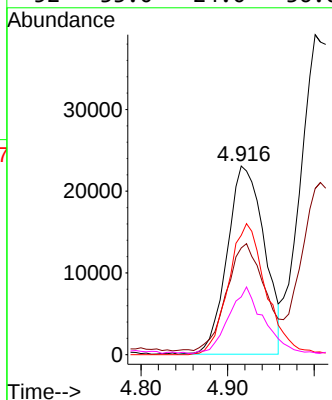
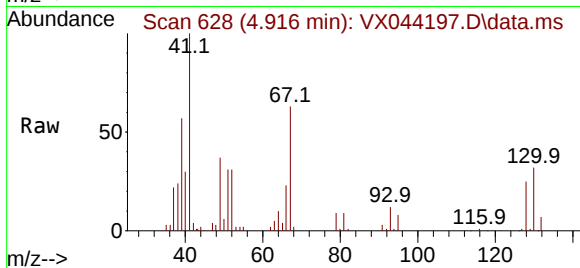




#41  
Methacrylonitrile  
Concen: 57.147 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

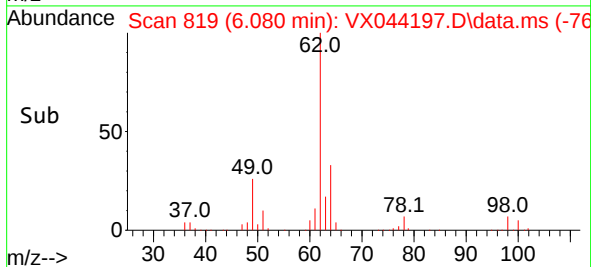
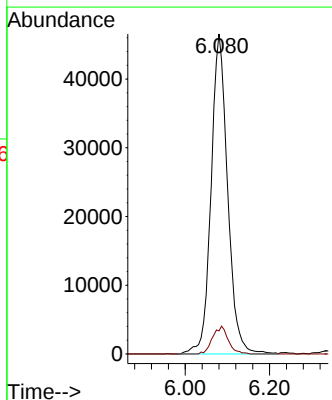
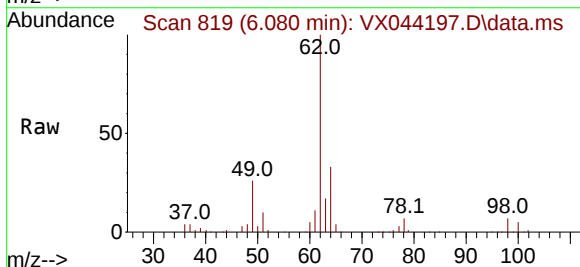
Instrument :  
MSVOA\_X  
ClientSampleId :

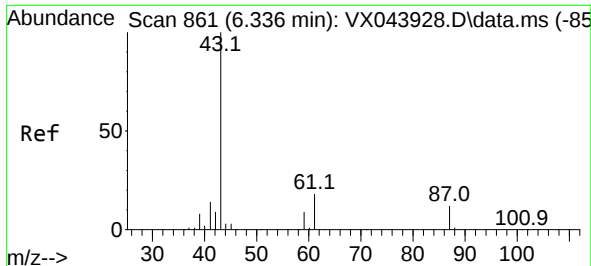
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 68558 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.9  | 41.7  | 62.5  |
| 67       | 71.1  | 55.8  | 83.8  |
| 52       | 33.0  | 24.0  | 36.0  |



#42  
1,2-Dichloroethane  
Concen: 53.674 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. 0.006 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

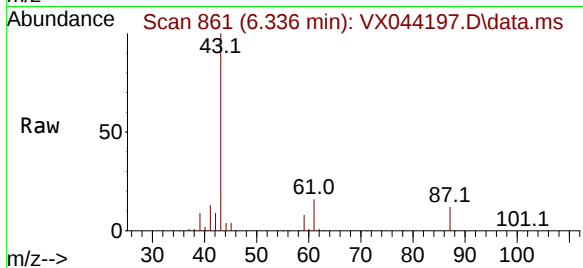
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 126793 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.2   | 0.0   | 16.4   |



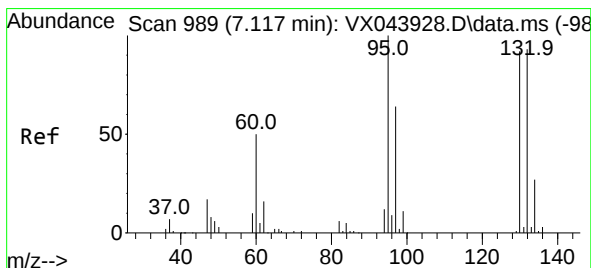
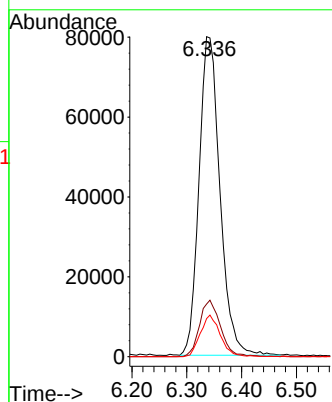
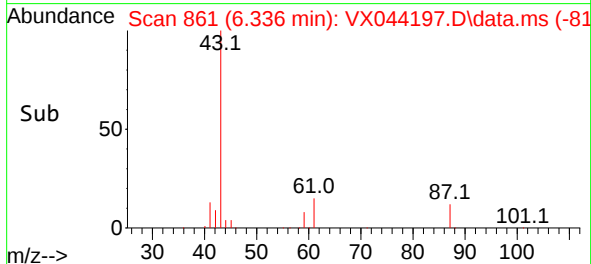


#43  
Isopropyl Acetate  
Concen: 56.898 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

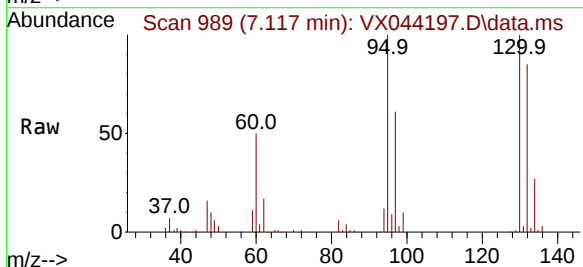
Instrument :  
MSVOA\_X  
ClientSampleId :



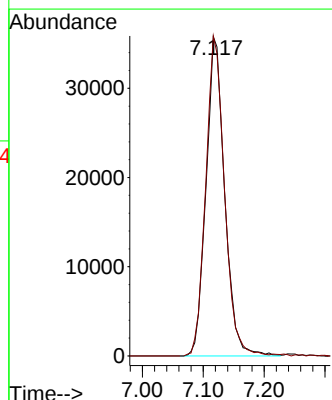
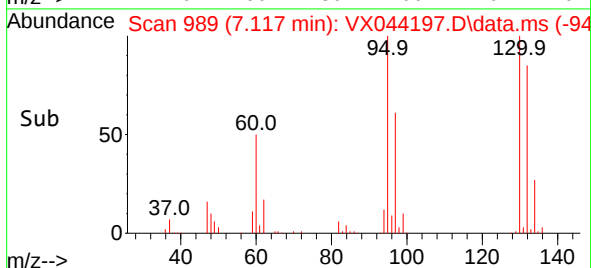
Tgt Ion: 43 Resp: 212244  
Ion Ratio Lower Upper  
43 100  
61 17.8 14.5 21.7  
87 12.5 10.2 15.2

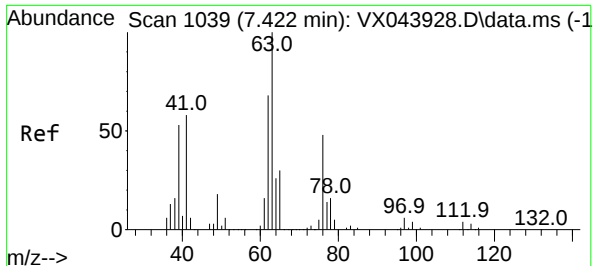


#44  
Trichloroethene  
Concen: 45.635 ug/l  
RT: 7.117 min Scan# 989  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43



Tgt Ion: 130 Resp: 75985  
Ion Ratio Lower Upper  
130 100  
95 100.3 0.0 217.8





#45

1,2-Dichloropropane

Concen: 53.666 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

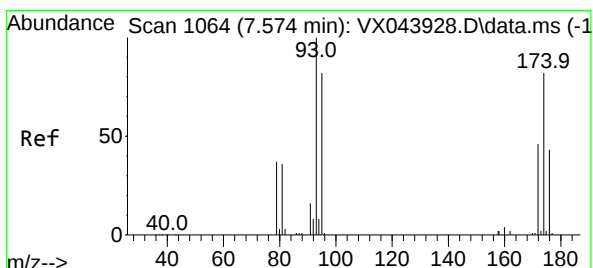
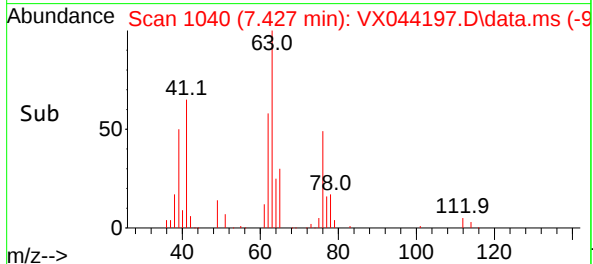
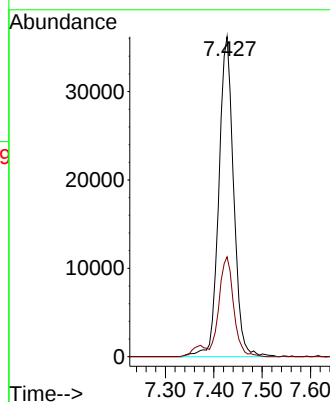
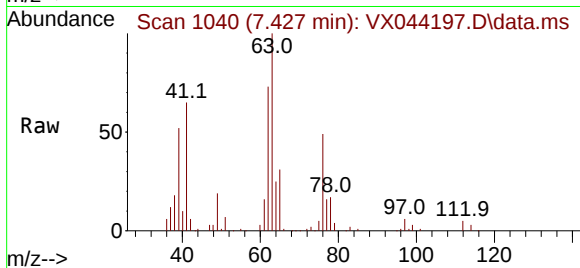
ClientSampleId :

Tgt Ion: 63 Resp: 77311

Ion Ratio Lower Upper

63 100

65 31.2 23.8 35.6



#46

Dibromomethane

Concen: 54.728 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

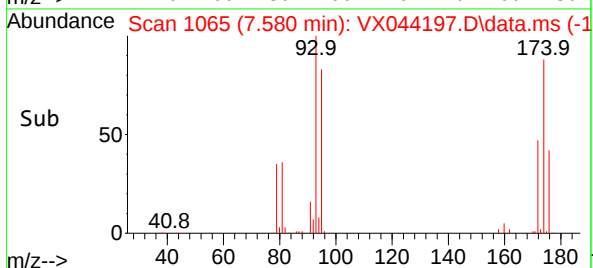
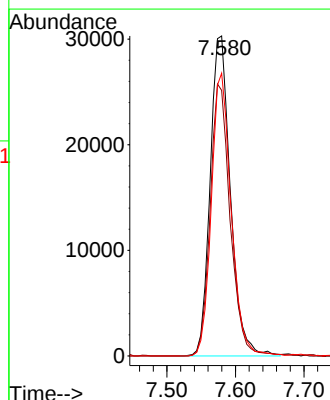
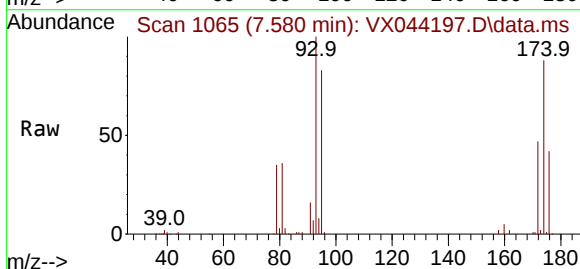
Tgt Ion: 93 Resp: 62367

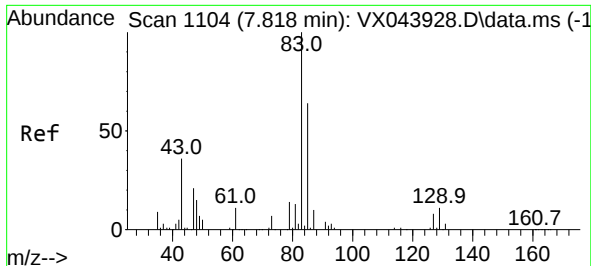
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 86.3 69.6 104.4

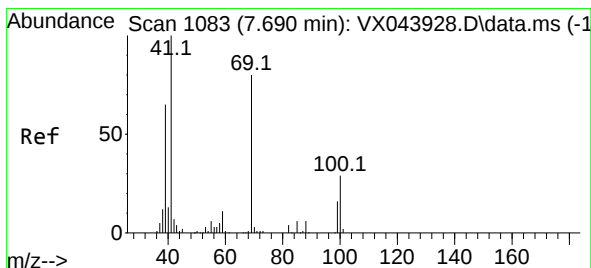
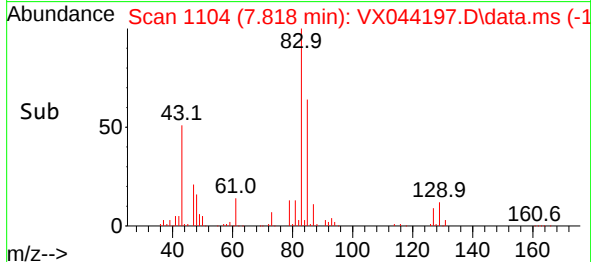
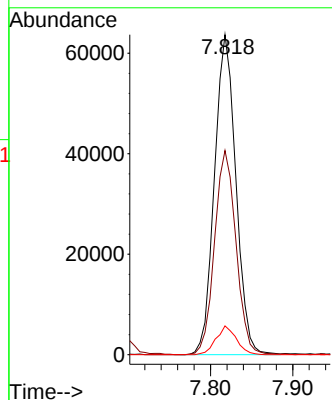
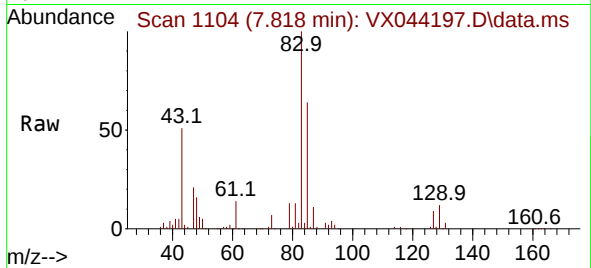




#47  
Bromodichloromethane  
Concen: 56.513 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

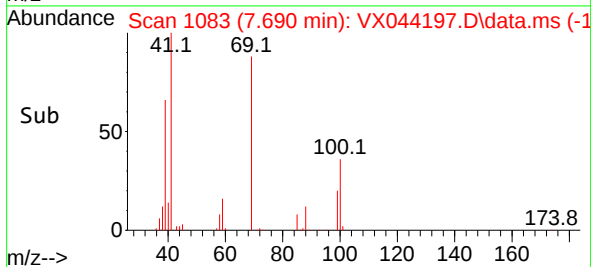
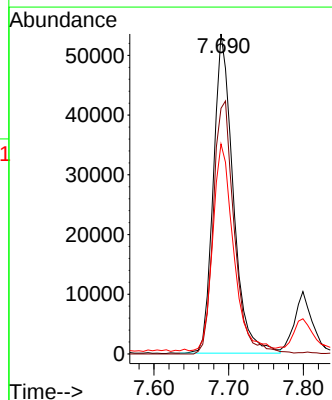
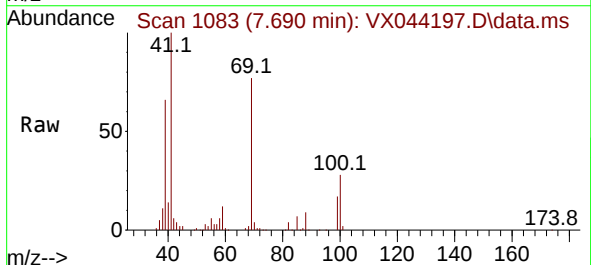
Instrument :  
MSVOA\_X  
ClientSampleId :

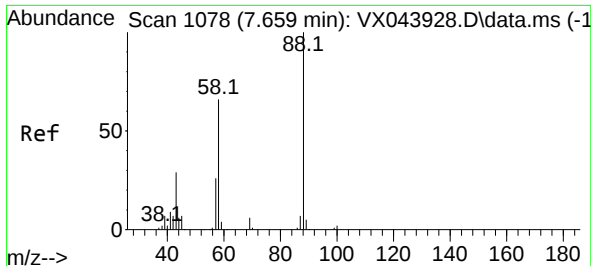
Tgt Ion: 83 Resp: 115501  
Ion Ratio Lower Upper  
83 100  
85 63.8 51.4 77.0  
127 9.0 6.6 10.0



#48  
Methyl methacrylate  
Concen: 55.319 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 41 Resp: 99017  
Ion Ratio Lower Upper  
41 100  
69 83.4 64.6 97.0  
39 67.0 53.3 79.9





#49

1,4-Dioxane

Concen: 892.162 ug/l

RT: 7.659 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

ClientSampleId :

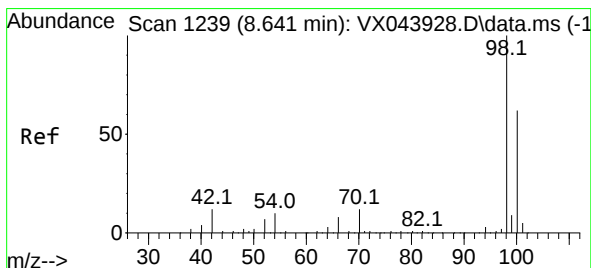
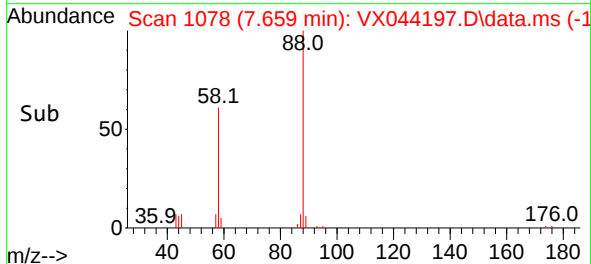
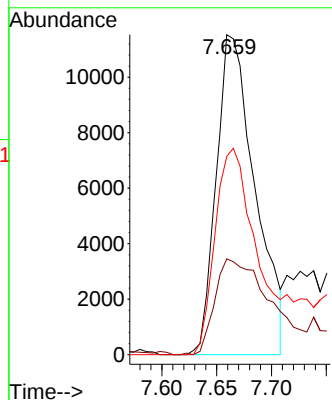
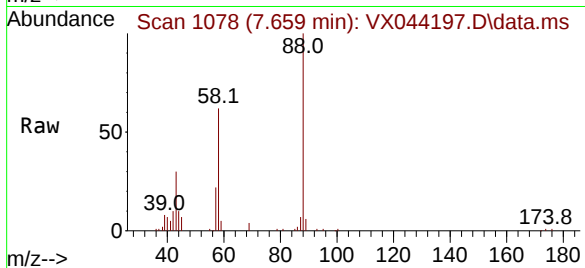
Tgt Ion: 88 Resp: 28446

Ion Ratio Lower Upper

88 100

43 43.1 26.8 40.2#

58 80.2 45.4 68.2#



#50

Toluene-d8

Concen: 51.339 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044197.D

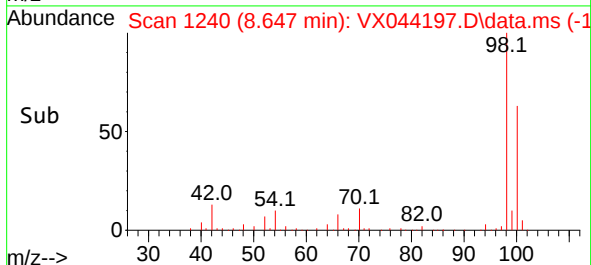
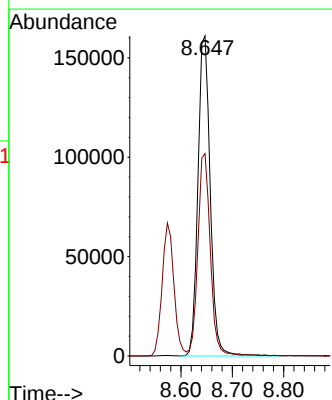
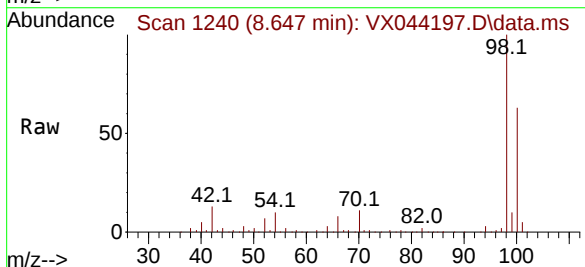
Acq: 10 Dec 2024 10:43

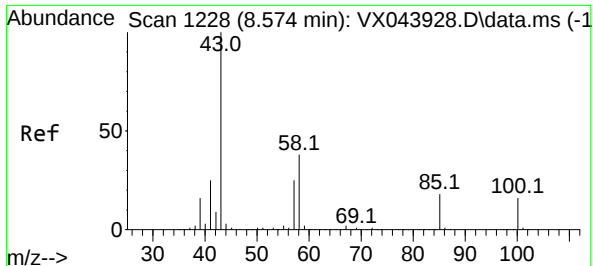
Tgt Ion: 98 Resp: 268167

Ion Ratio Lower Upper

98 100

100 62.8 52.6 79.0

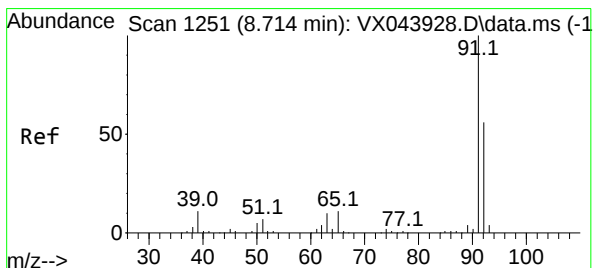
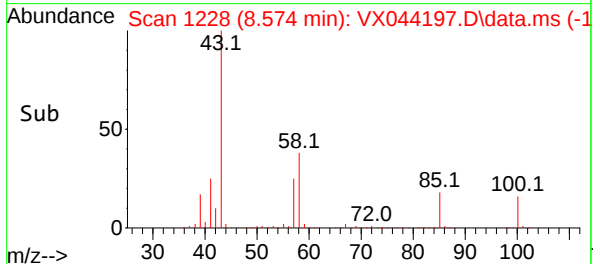
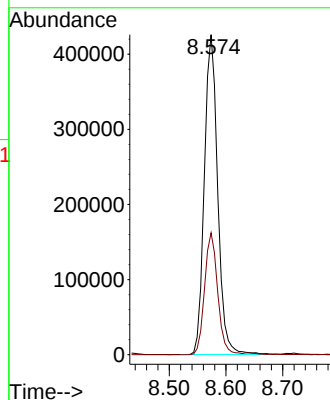
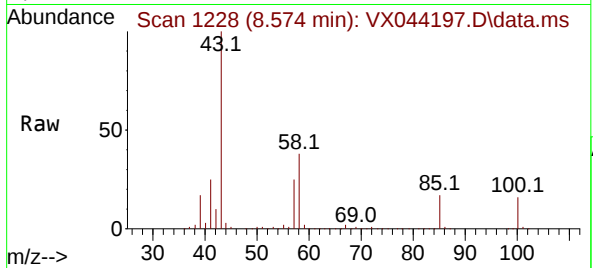




#51  
4-Methyl-2-Pentanone  
Concen: 305.931 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

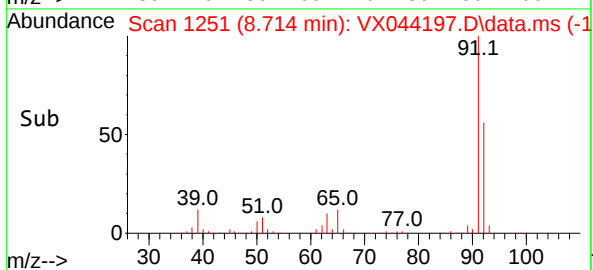
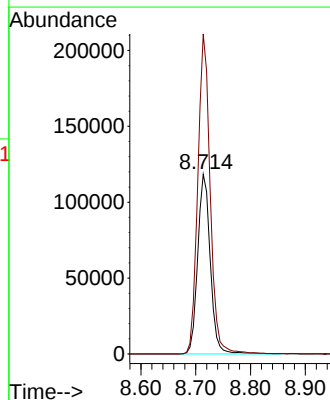
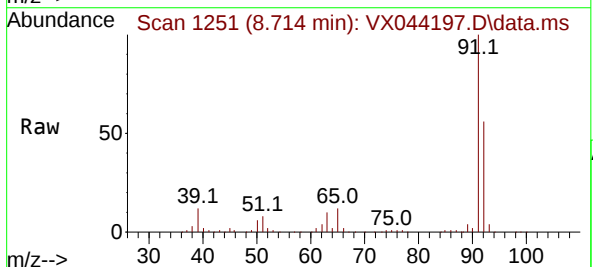
Instrument :  
MSVOA\_X  
ClientSampleId :

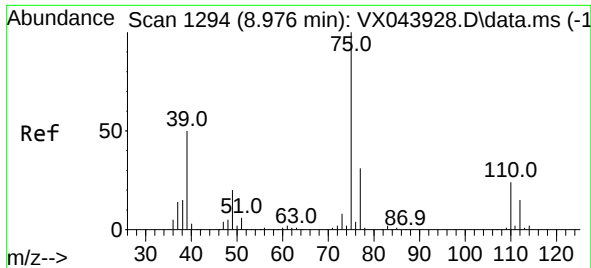
Tgt Ion: 43 Resp: 696425  
Ion Ratio Lower Upper  
43 100  
58 37.2 30.0 45.0



#52  
Toluene  
Concen: 53.762 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 92 Resp: 189268  
Ion Ratio Lower Upper  
92 100  
91 175.9 139.7 209.5

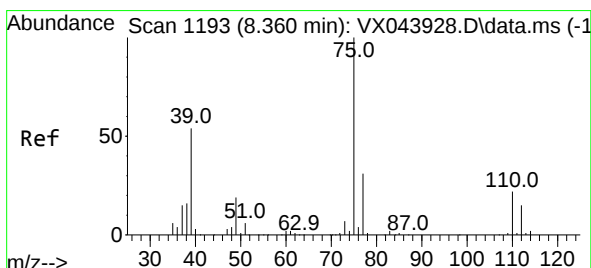
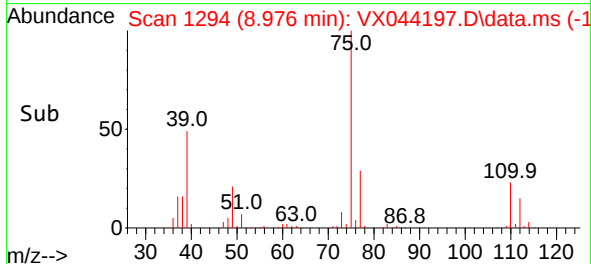
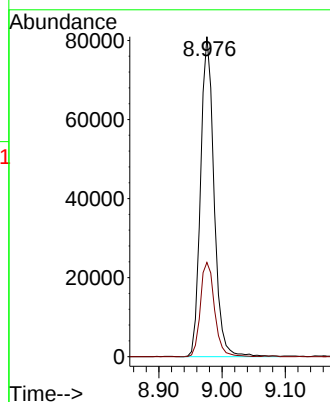
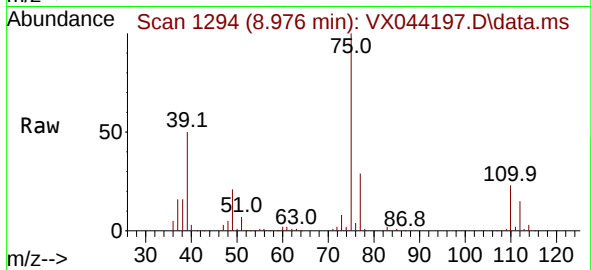




#53  
t-1,3-Dichloropropene  
Concen: 57.607 ug/l  
RT: 8.976 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

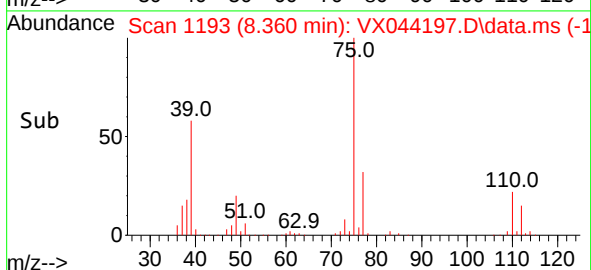
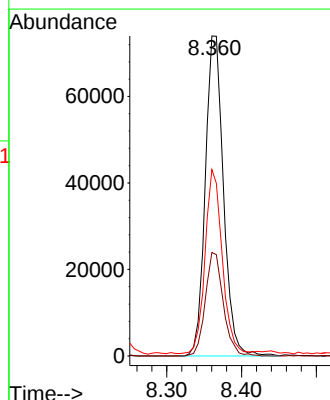
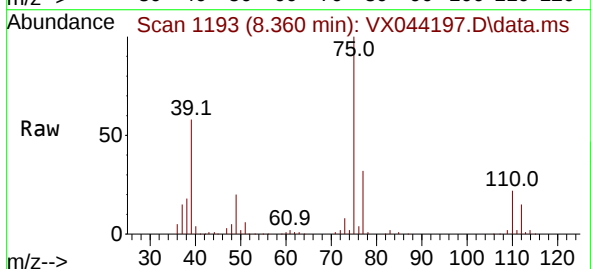
Instrument :  
MSVOA\_X  
ClientSampleId :

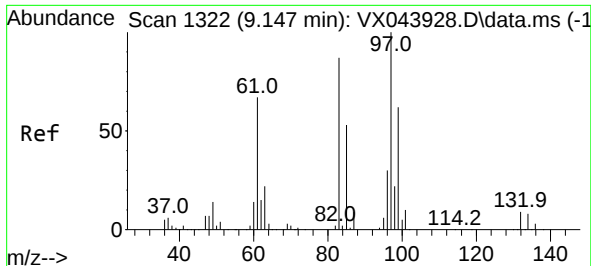
Tgt Ion: 75 Resp: 120064  
Ion Ratio Lower Upper  
75 100  
77 29.5 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 54.845 ug/l  
RT: 8.360 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 75 Resp: 125311  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.2 37.8  
39 57.5 43.1 64.7

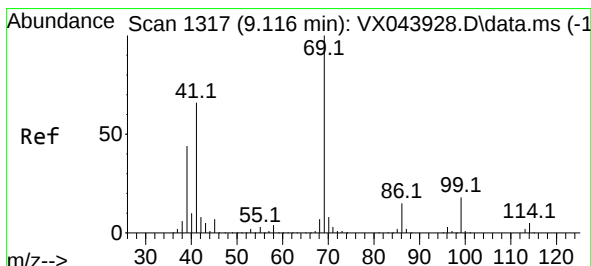
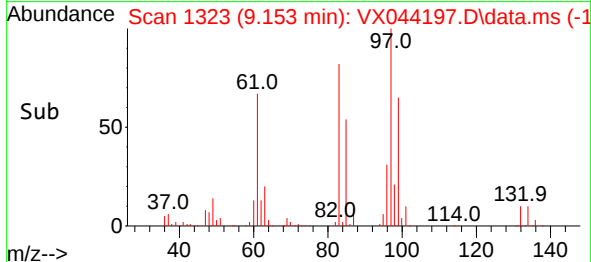
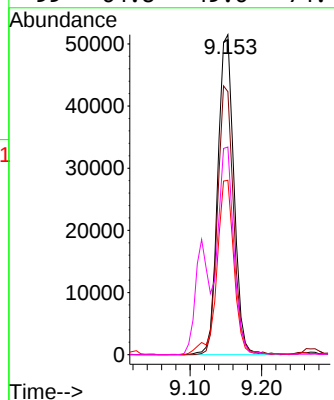
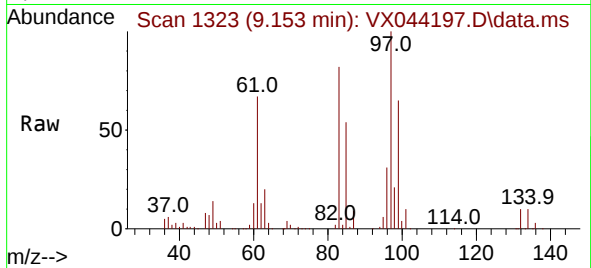




#55  
1,1,2-Trichloroethane  
Concen: 55.687 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

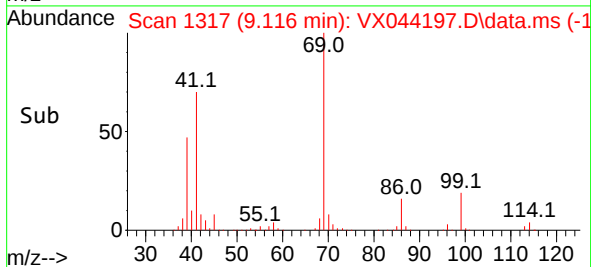
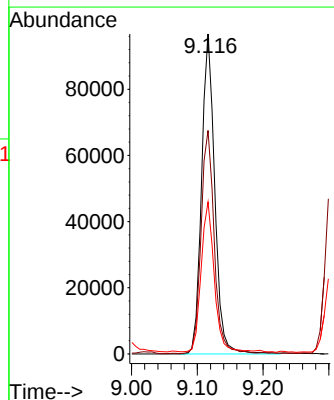
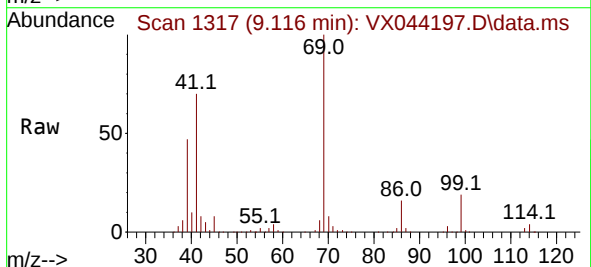
Instrument :  
MSVOA\_X  
ClientSampleId :

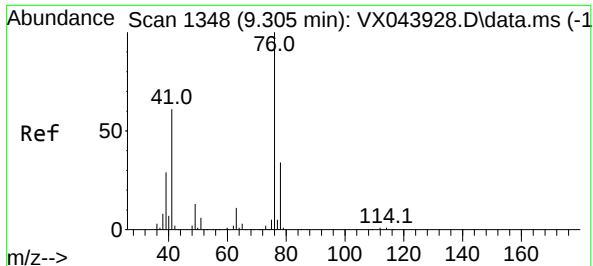
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 80926 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 82.2     | 69.4 104.0  |
| 85 54.5     | 42.3 63.5   |
| 99 64.8     | 49.6 74.4   |



#56  
Ethyl methacrylate  
Concen: 59.532 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 134754 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 70.2     | 55.8 83.8    |
| 39 46.2     | 36.7 55.1    |





#57

1,3-Dichloropropane

Concen: 55.393 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

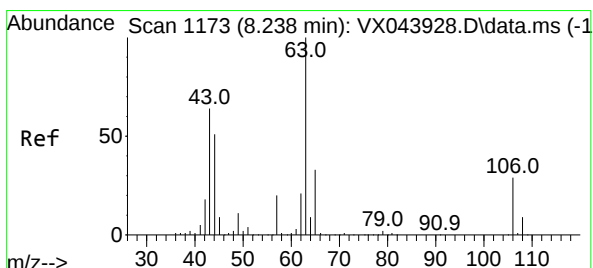
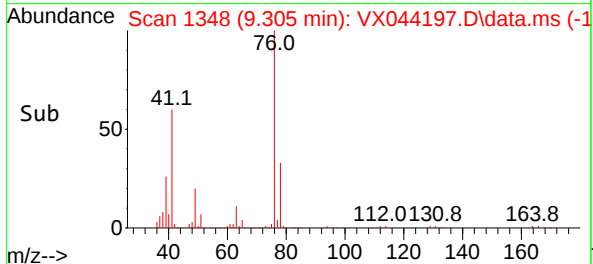
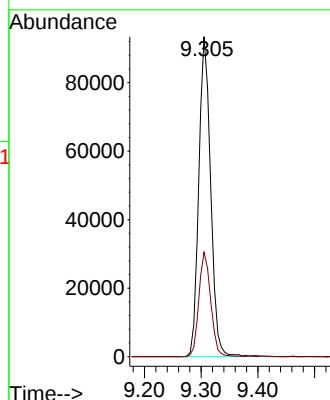
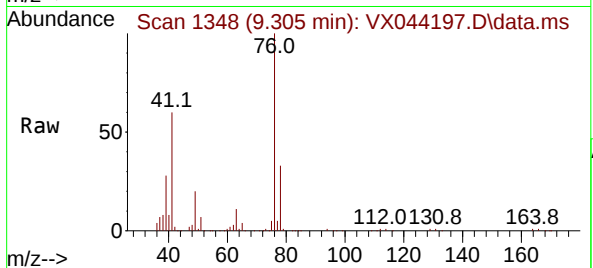
ClientSampleId :

Tgt Ion: 76 Resp: 135605

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 253.403 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX044197.D

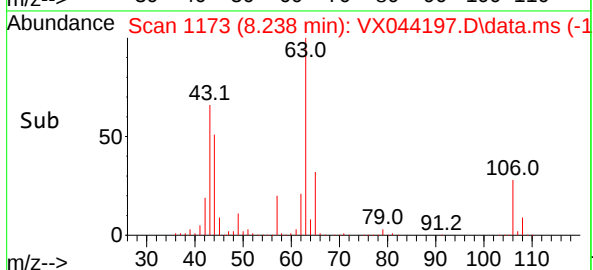
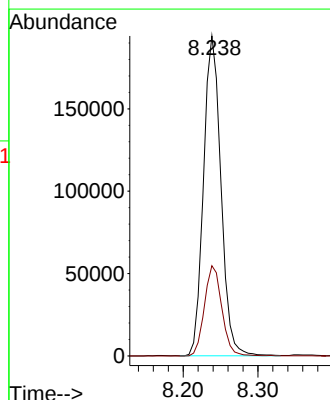
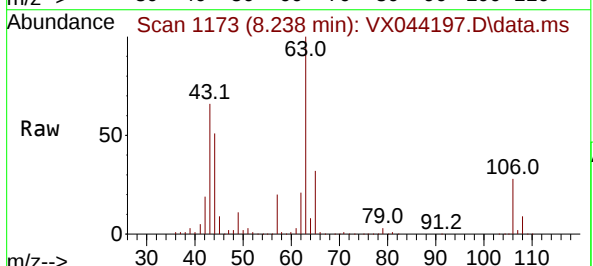
Acq: 10 Dec 2024 10:43

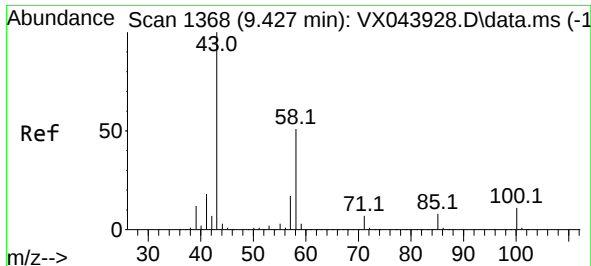
Tgt Ion: 63 Resp: 314332

Ion Ratio Lower Upper

63 100

106 28.3 23.0 34.6

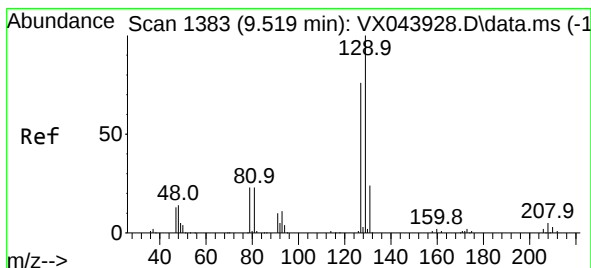
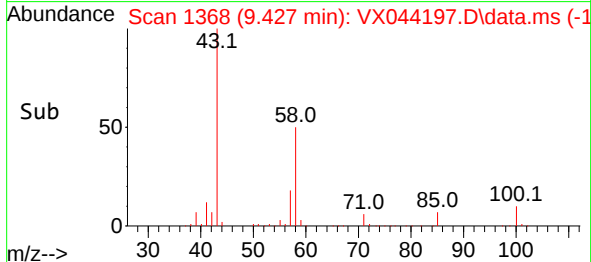
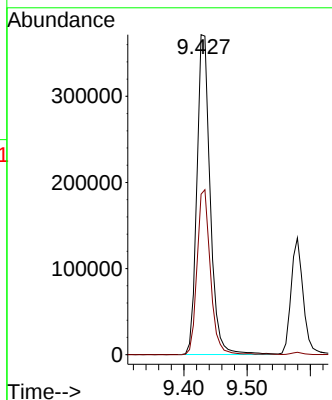
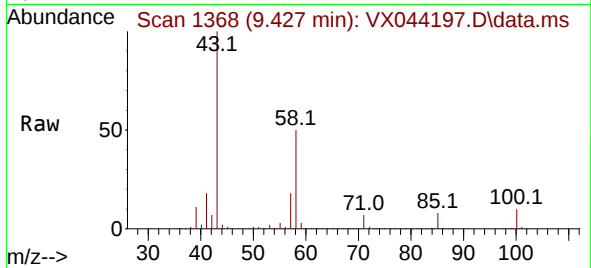




#59  
2-Hexanone  
Concen: 319.041 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

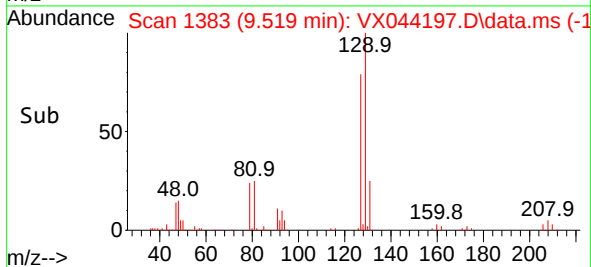
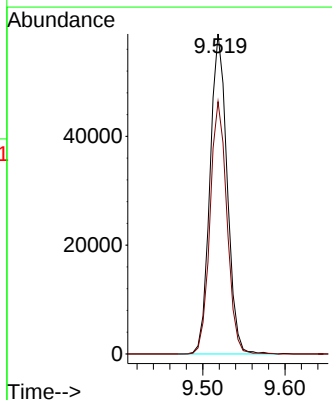
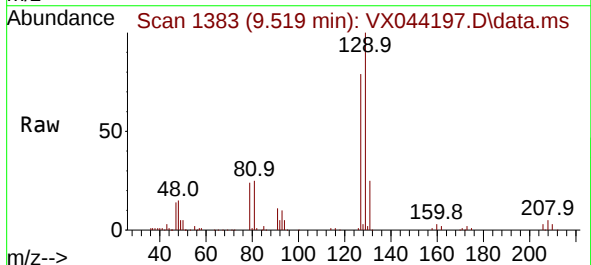
Instrument :  
MSVOA\_X  
ClientSampleId :

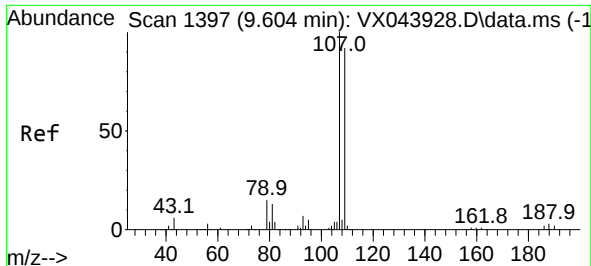
Tgt Ion: 43 Resp: 545883  
Ion Ratio Lower Upper  
43 100  
58 51.7 25.9 77.6



#60  
Dibromochloromethane  
Concen: 58.369 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 129 Resp: 85107  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.2 114.6

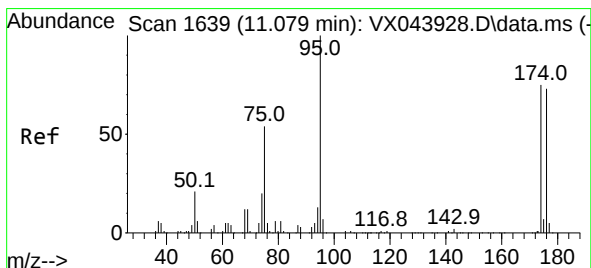
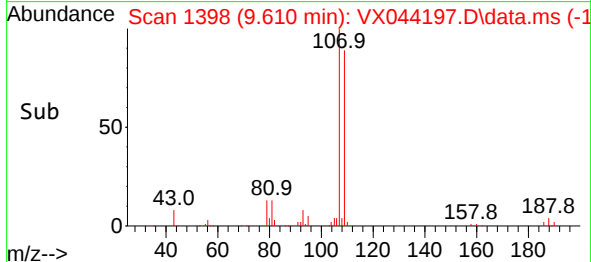
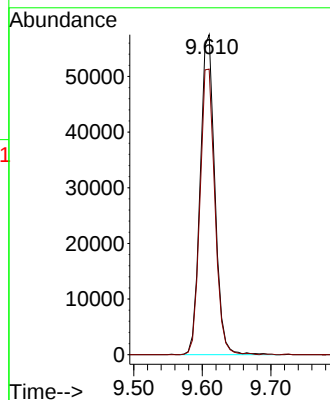
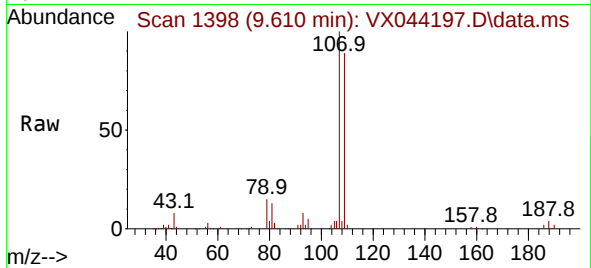




#61  
1,2-Dibromoethane  
Concen: 58.300 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

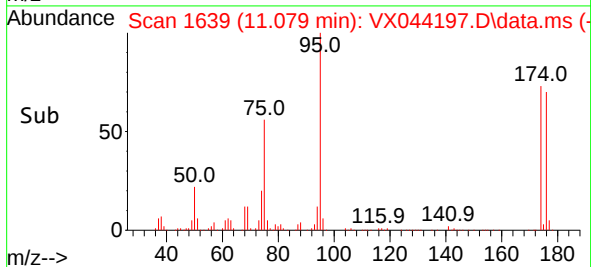
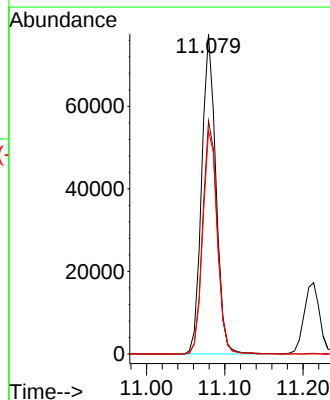
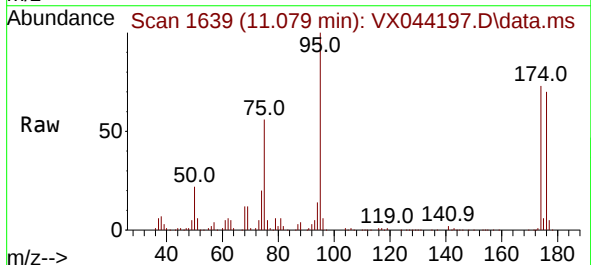
Instrument :  
MSVOA\_X  
ClientSampleId :

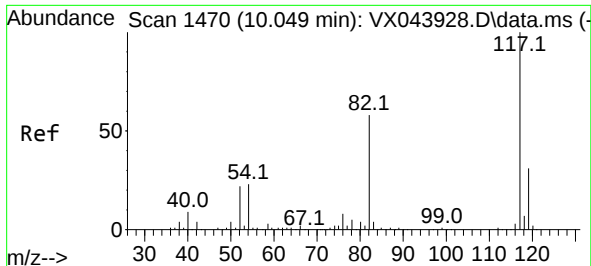
Tgt Ion:107 Resp: 85669  
Ion Ratio Lower Upper  
107 100  
109 90.4 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 54.890 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 95 Resp: 97578  
Ion Ratio Lower Upper  
95 100  
174 74.7 0.0 150.4  
176 71.4 0.0 146.0

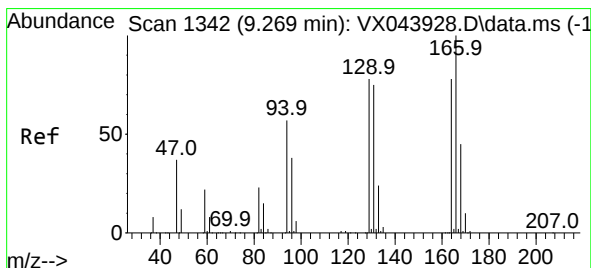
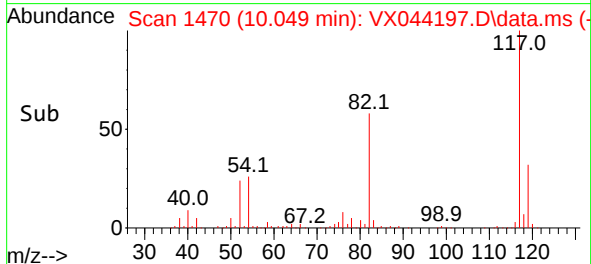
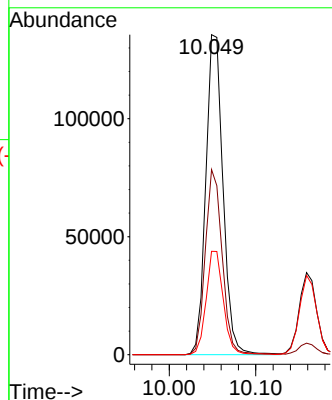
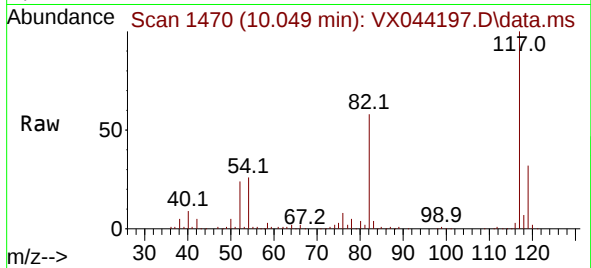




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

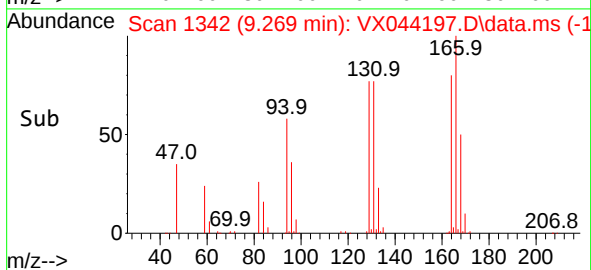
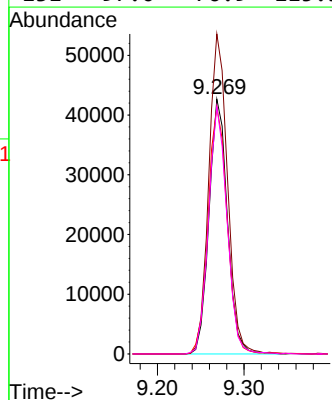
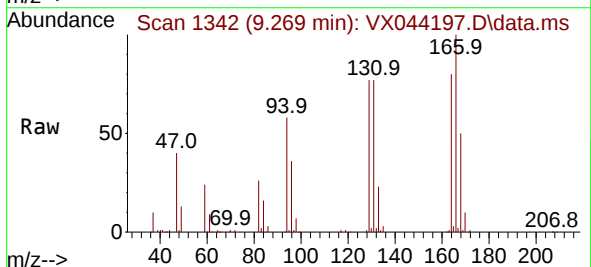
Instrument :  
MSVOA\_X  
ClientSampleId :

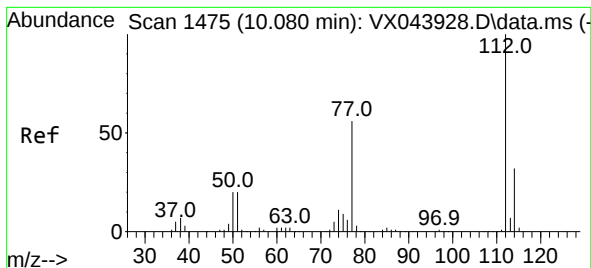
Tgt Ion:117 Resp: 187191  
Ion Ratio Lower Upper  
117 100  
82 57.9 46.4 69.6  
119 32.3 24.6 37.0



#64  
Tetrachloroethene  
Concen: 51.016 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion:164 Resp: 62970  
Ion Ratio Lower Upper  
164 100  
166 125.6 102.1 153.1  
129 97.1 79.6 119.4  
131 97.0 76.9 115.3

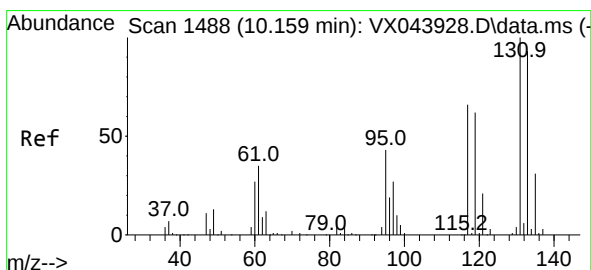
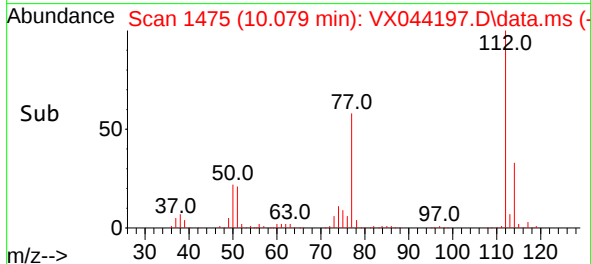
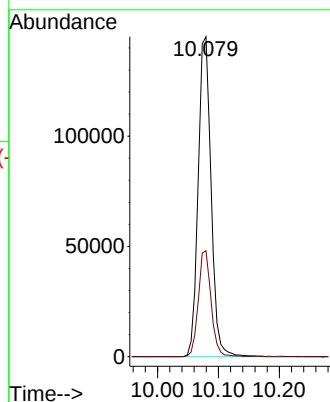
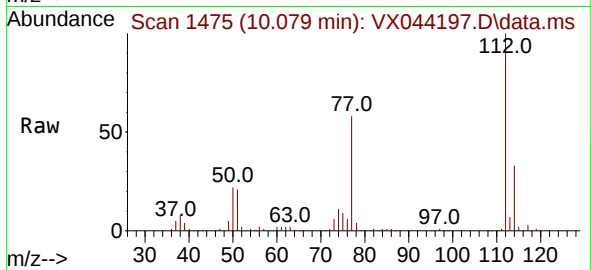




#65  
Chlorobenzene  
Concen: 52.077 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

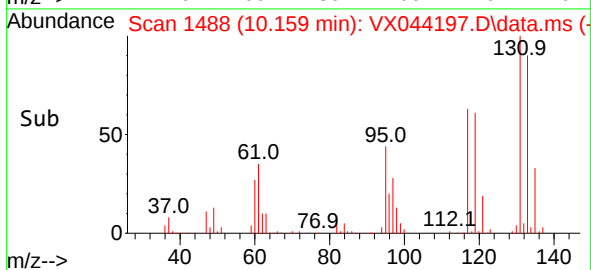
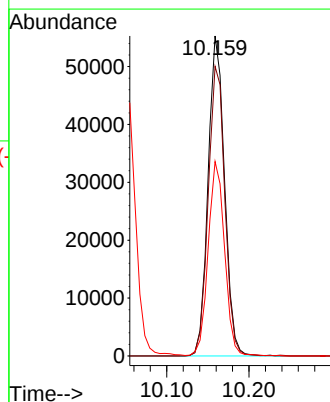
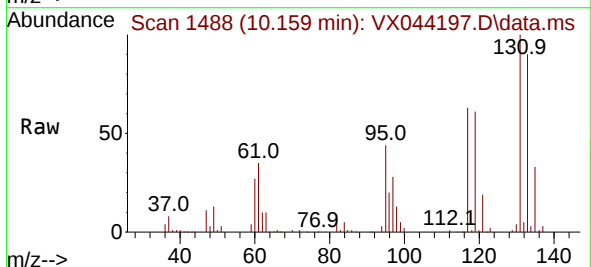
Instrument :  
MSVOA\_X  
ClientSampleId :

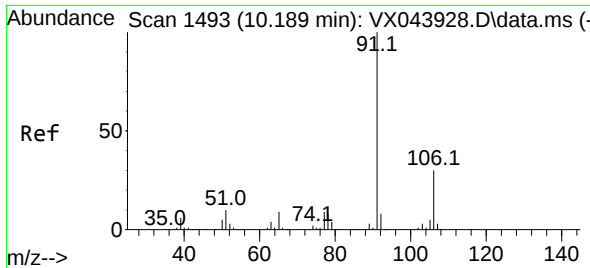
Tgt Ion:112 Resp: 214102  
Ion Ratio Lower Upper  
112 100  
114 33.1 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 57.592 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion:131 Resp: 76789  
Ion Ratio Lower Upper  
131 100  
133 91.8 48.2 144.6  
119 60.9 31.5 94.5





#67

Ethyl Benzene

Concen: 54.326 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

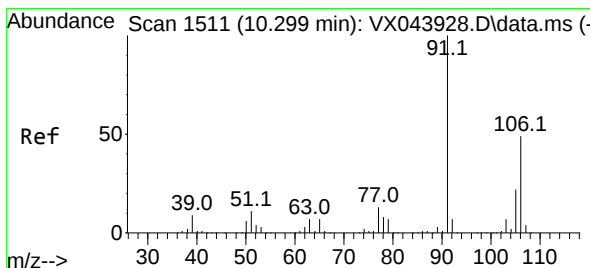
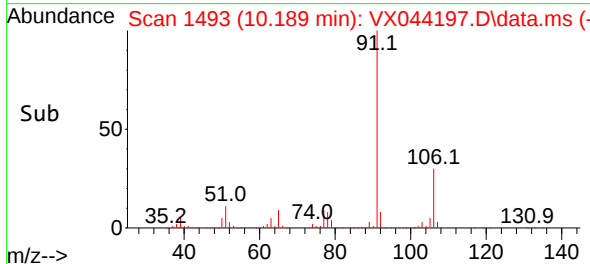
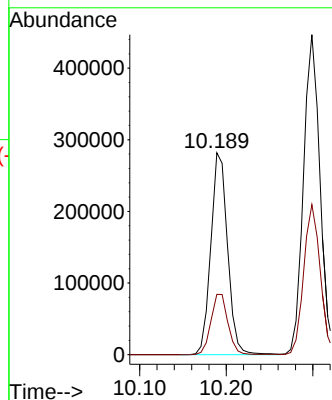
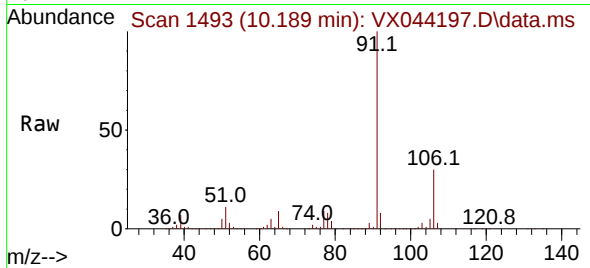
ClientSampleId :

Tgt Ion: 91 Resp: 378463

Ion Ratio Lower Upper

91 100

106 29.9 23.6 35.4



#68

m/p-Xylenes

Concen: 108.164 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044197.D

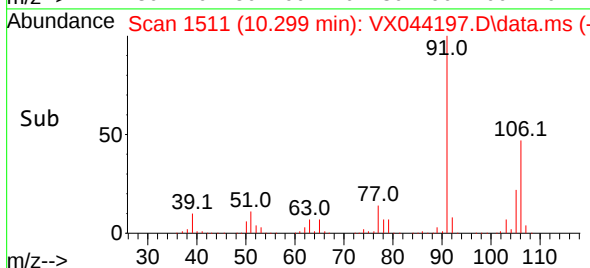
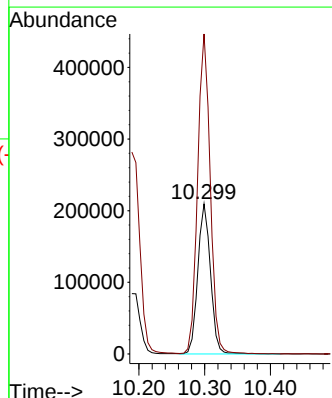
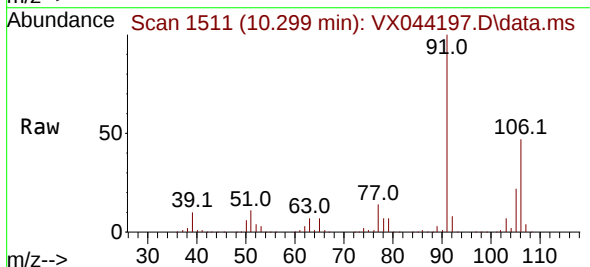
Acq: 10 Dec 2024 10:43

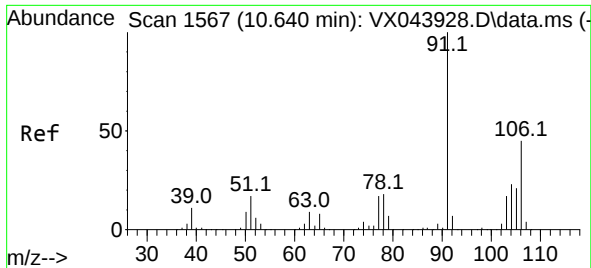
Tgt Ion:106 Resp: 281005

Ion Ratio Lower Upper

106 100

91 211.7 168.1 252.1

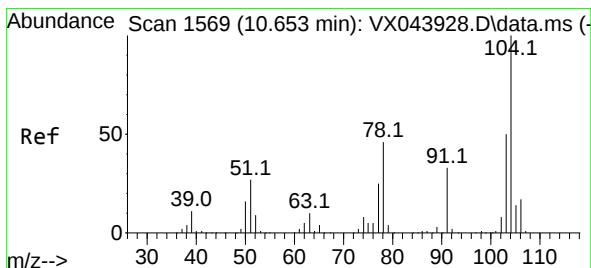
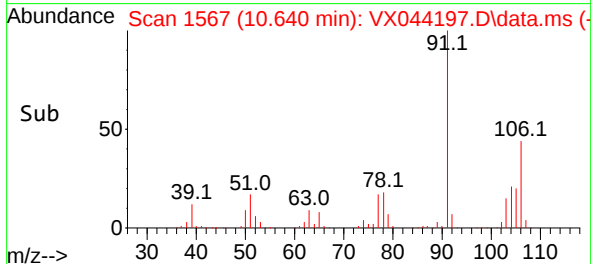
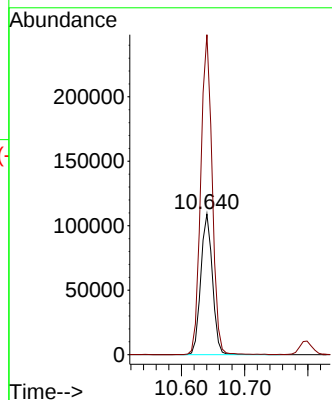
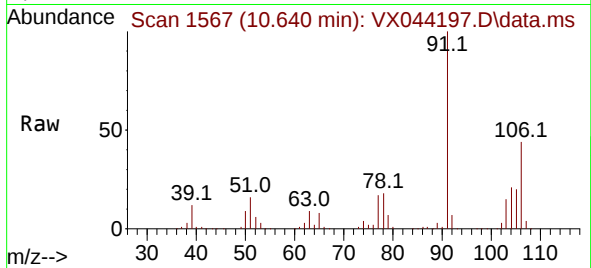




#69  
o-Xylene  
Concen: 55.165 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

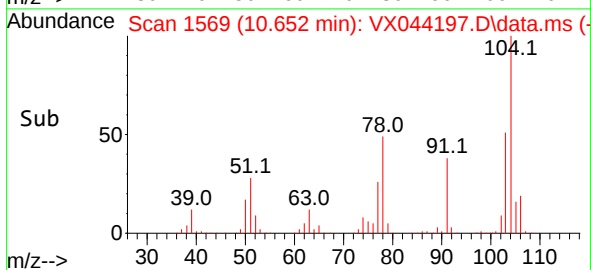
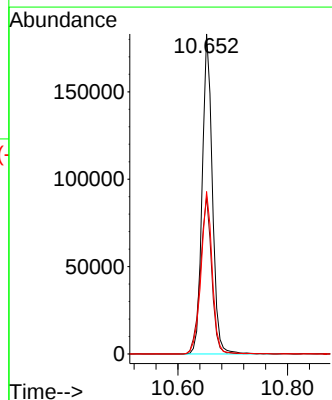
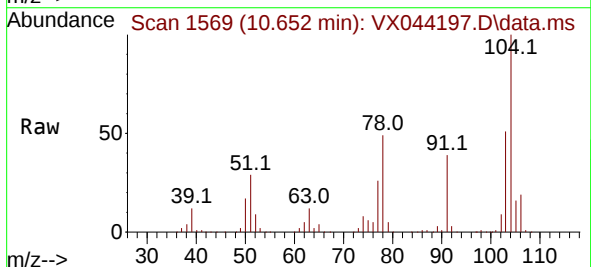
Instrument :  
MSVOA\_X  
ClientSampleId :

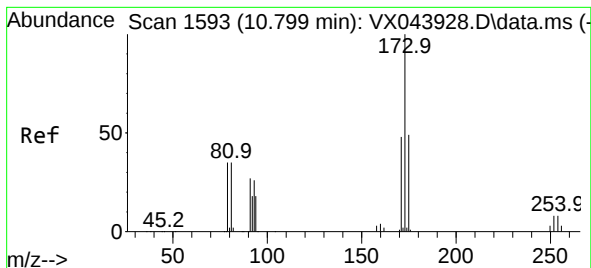
Tgt Ion:106 Resp: 139928  
Ion Ratio Lower Upper  
106 100  
91 223.7 110.2 330.6



#70  
Styrene  
Concen: 56.223 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion:104 Resp: 235876  
Ion Ratio Lower Upper  
104 100  
78 54.6 42.2 63.2  
103 55.6 44.7 67.1





#71

Bromoform

Concen: 52.273 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

ClientSampleId :

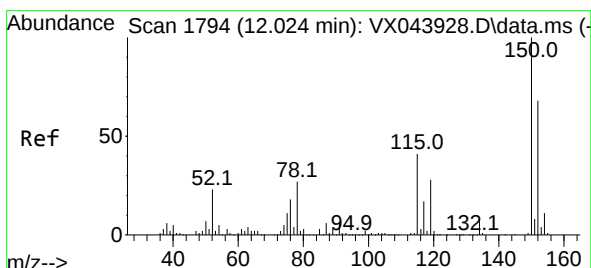
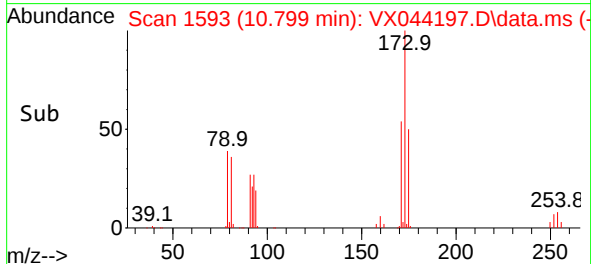
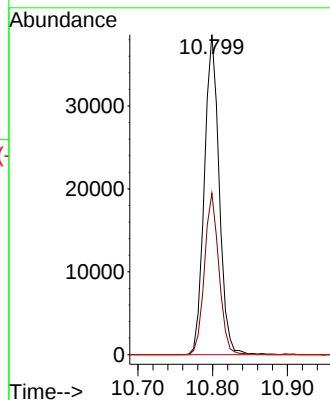
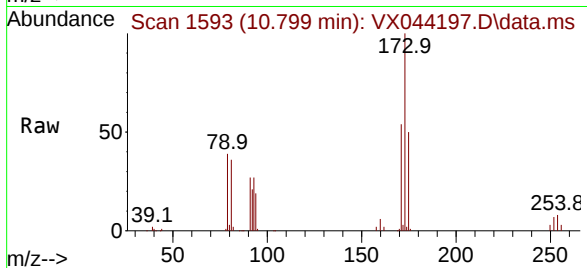
Tgt Ion:173 Resp: 53151

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

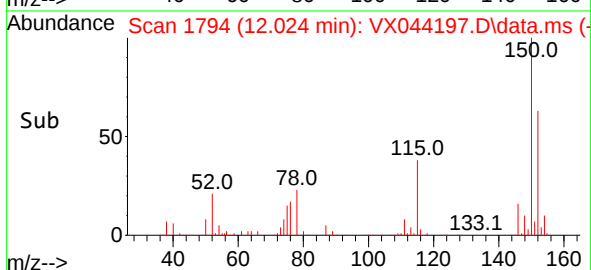
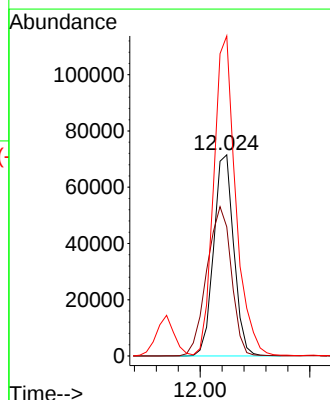
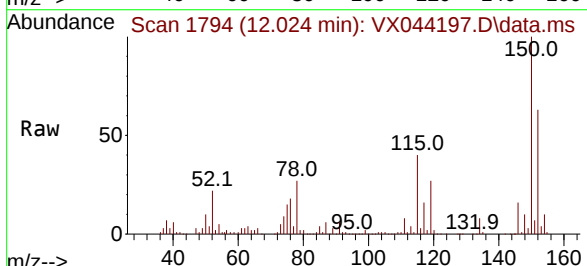
Tgt Ion:152 Resp: 91127

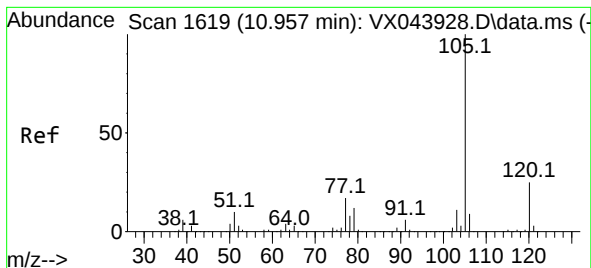
Ion Ratio Lower Upper

152 100

115 90.8 45.4 136.2

150 173.5 0.0 353.0





#73

Isopropylbenzene

Concen: 52.666 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

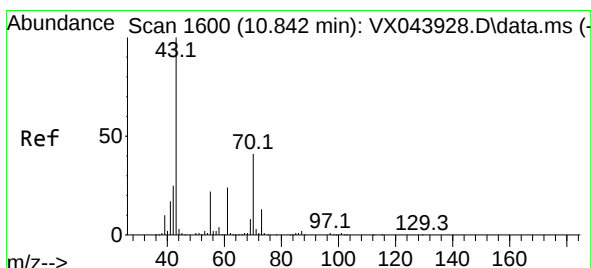
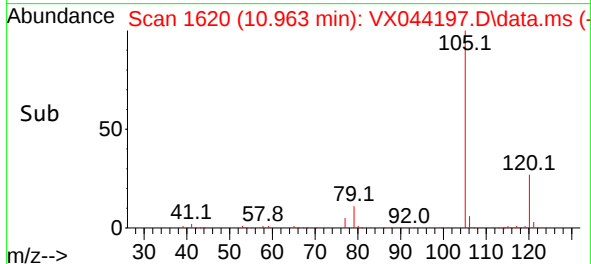
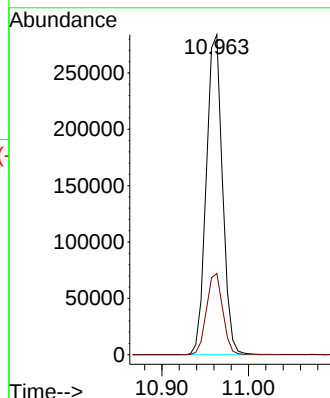
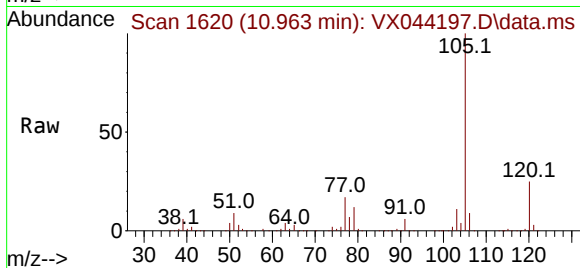
ClientSampleId :

Tgt Ion:105 Resp: 368919

Ion Ratio Lower Upper

105 100

120 25.5 13.0 38.9



#74

N-amy1 acetate

Concen: 57.486 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Tgt Ion: 43 Resp: 186542

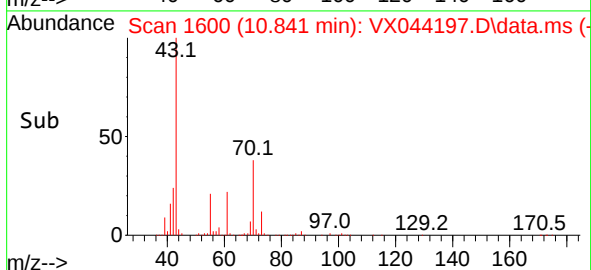
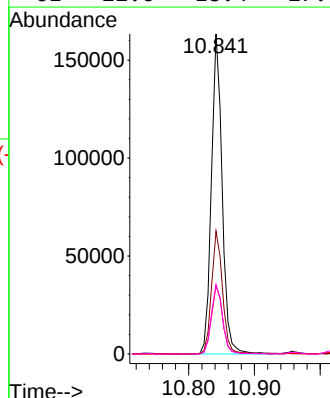
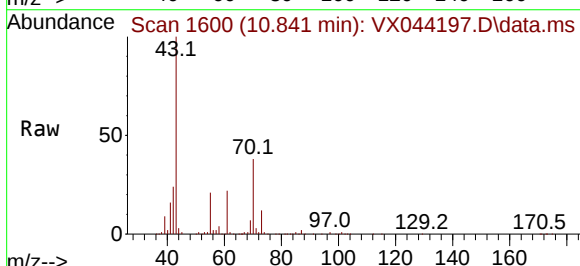
Ion Ratio Lower Upper

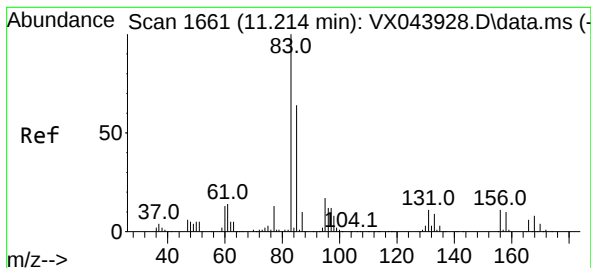
43 100

70 39.3 32.2 48.2

55 22.3 18.1 27.1

61 22.6 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.025 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

ClientSampleId :

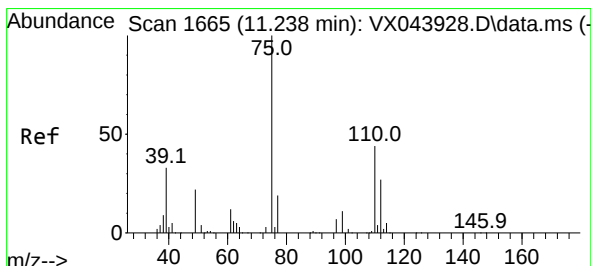
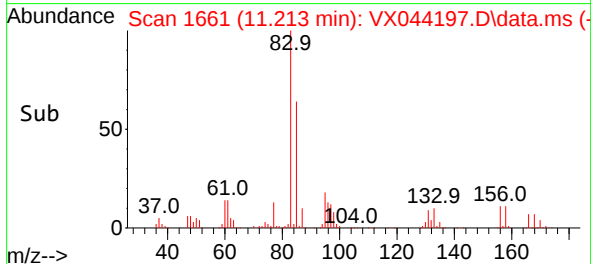
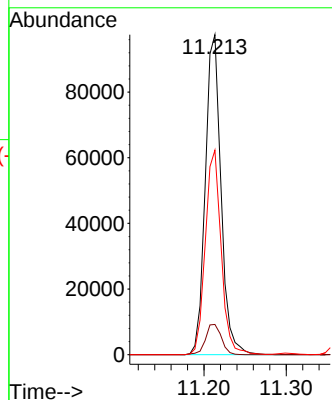
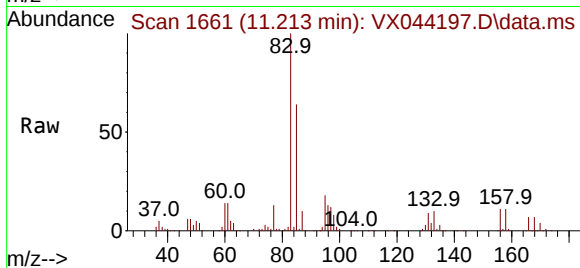
Tgt Ion: 83 Resp: 129580

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.2

85 64.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 72.957 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044197.D

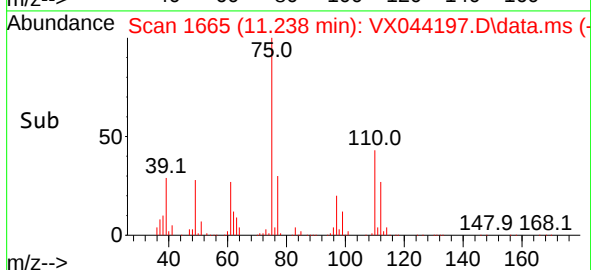
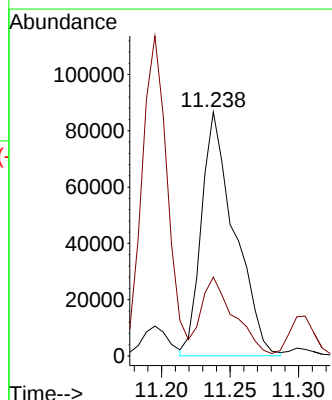
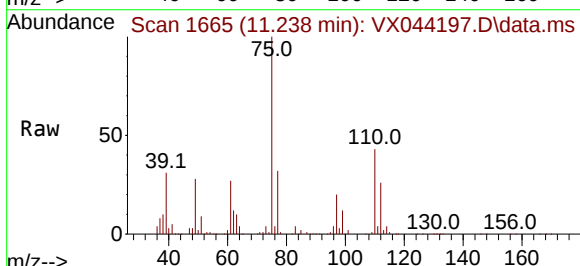
Acq: 10 Dec 2024 10:43

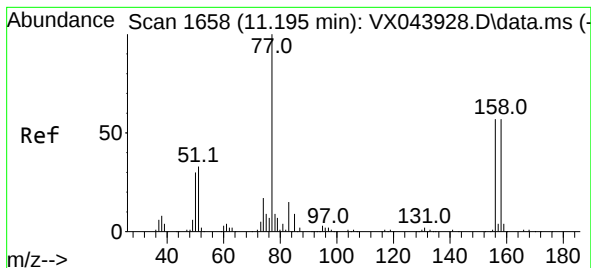
Tgt Ion: 75 Resp: 145797

Ion Ratio Lower Upper

75 100

77 32.3 21.8 65.3





#77

Bromobenzene

Concen: 52.056 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

ClientSampleId :

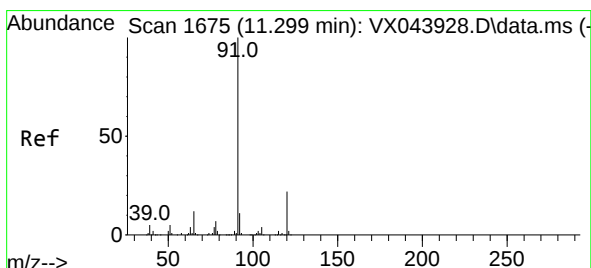
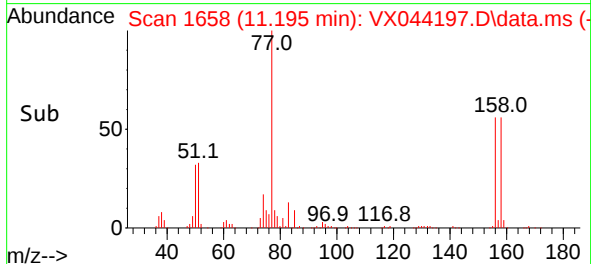
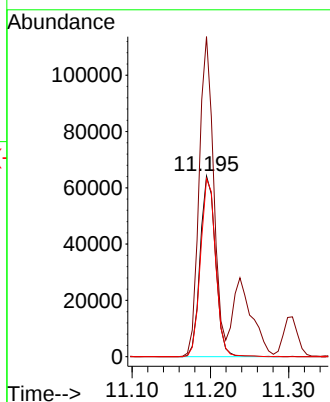
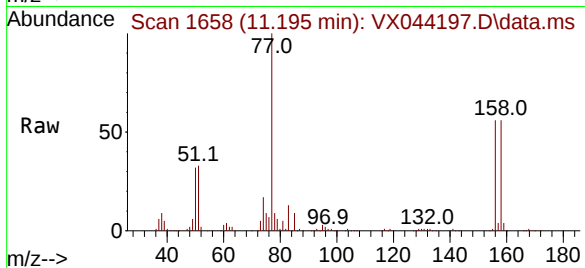
Tgt Ion:156 Resp: 86985

Ion Ratio Lower Upper

156 100

77 168.5 83.4 250.1

158 97.6 47.6 142.8



#78

n-propylbenzene

Concen: 54.176 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044197.D

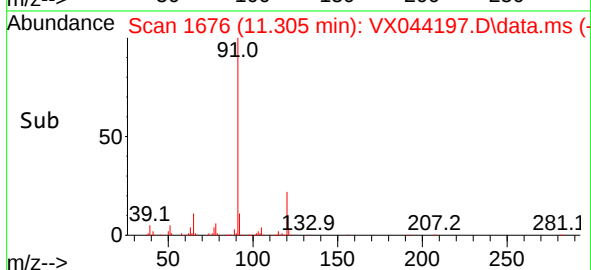
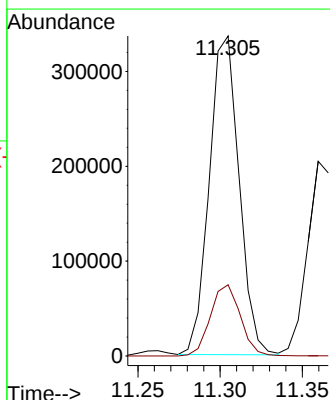
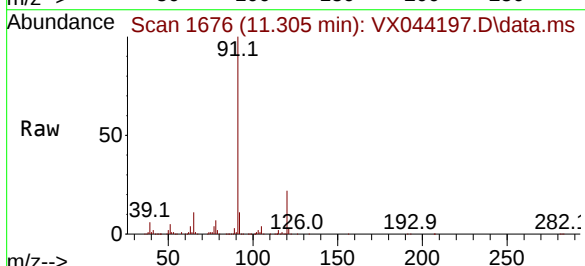
Acq: 10 Dec 2024 10:43

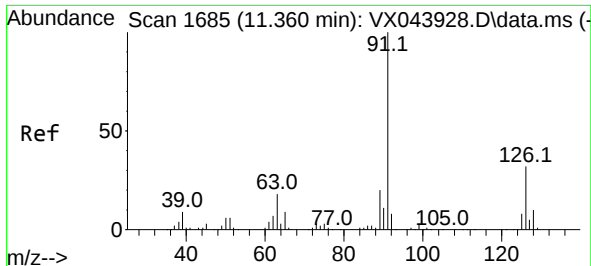
Tgt Ion: 91 Resp: 423839

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

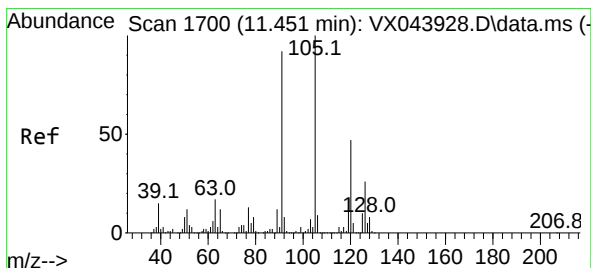
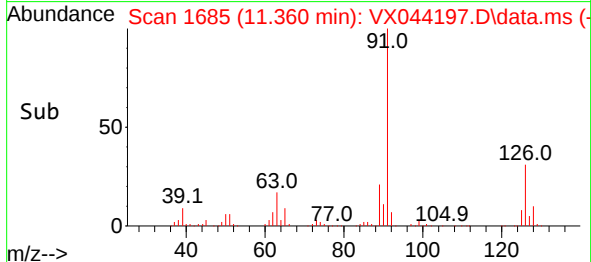
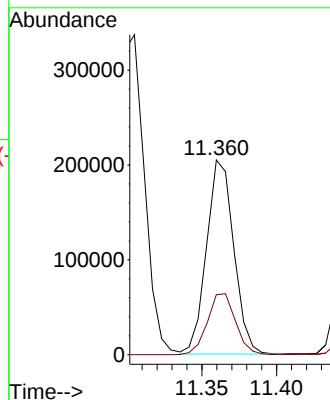
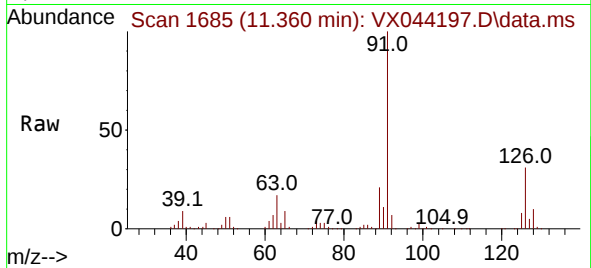




#79  
2-Chlorotoluene  
Concen: 52.453 ug/l  
RT: 11.360 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

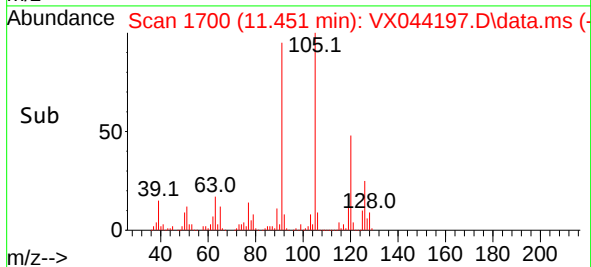
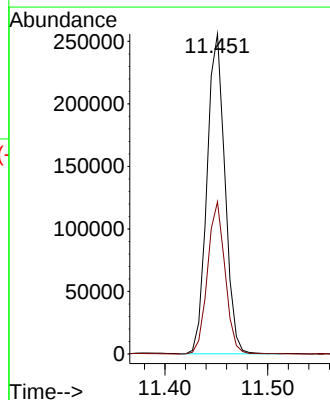
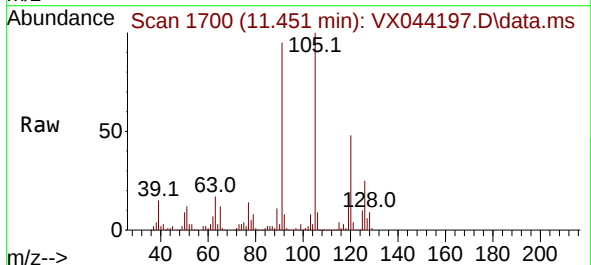
Instrument :  
MSVOA\_X  
ClientSampleId :

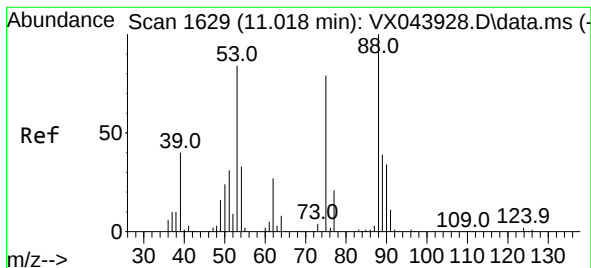
Tgt Ion: 91 Resp: 259490  
Ion Ratio Lower Upper  
91 100  
126 32.6 16.6 49.8



#80  
1,3,5-Trimethylbenzene  
Concen: 53.818 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 105 Resp: 310149  
Ion Ratio Lower Upper  
105 100  
120 46.7 23.3 69.8

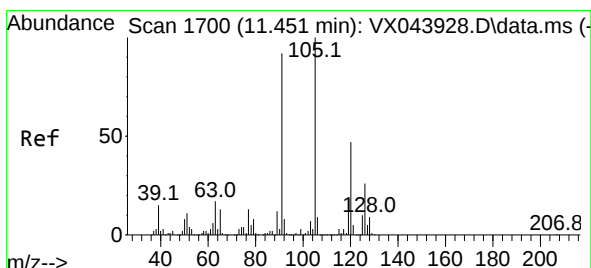
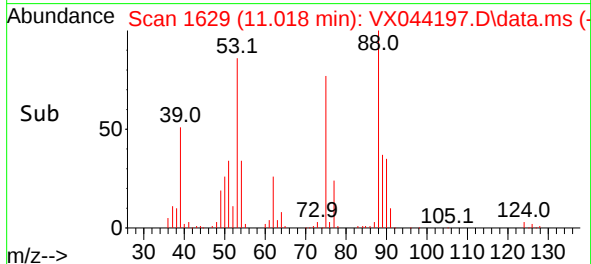
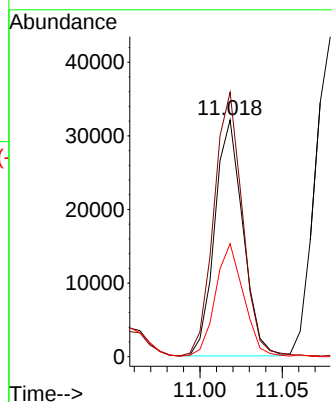
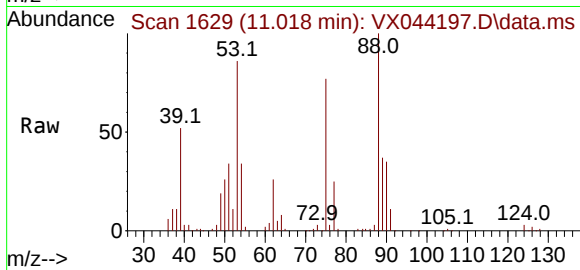




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.317 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

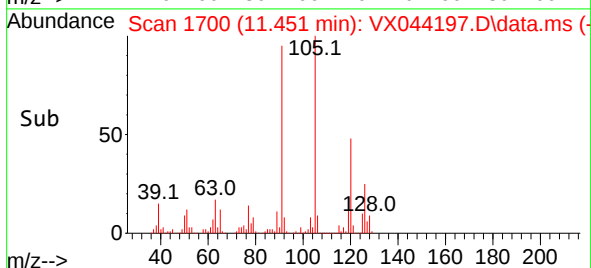
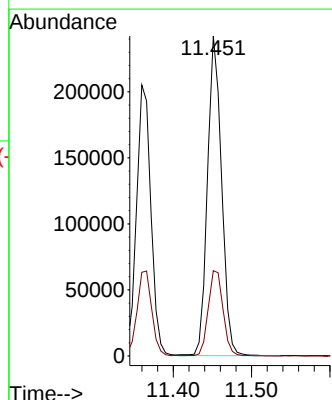
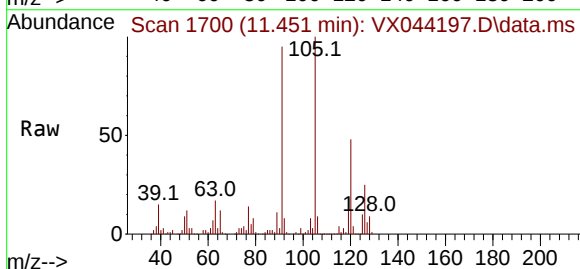
Instrument :  
MSVOA\_X  
ClientSampleId :

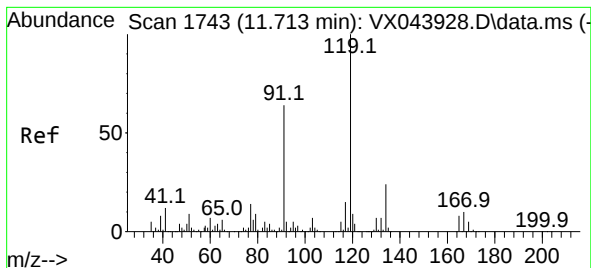
Tgt Ion: 75 Resp: 38314  
Ion Ratio Lower Upper  
75 100  
53 113.2 86.7 130.1  
89 48.3 38.2 57.2



#82  
4-Chlorotoluene  
Concen: 54.037 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 91 Resp: 301801  
Ion Ratio Lower Upper  
91 100  
126 28.1 14.3 42.9





#83

tert-Butylbenzene

Concen: 55.384 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

ClientSampleId :

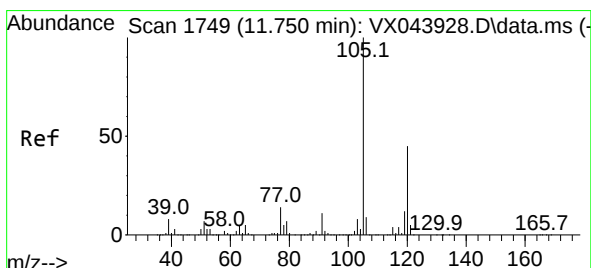
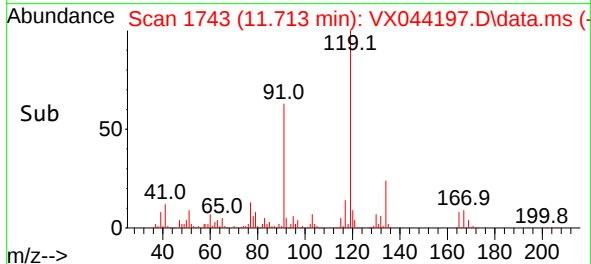
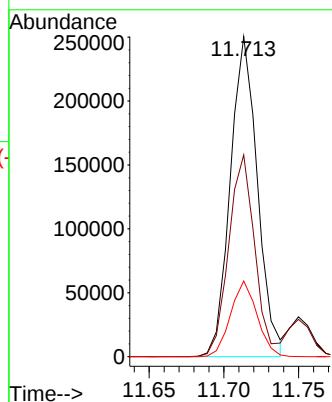
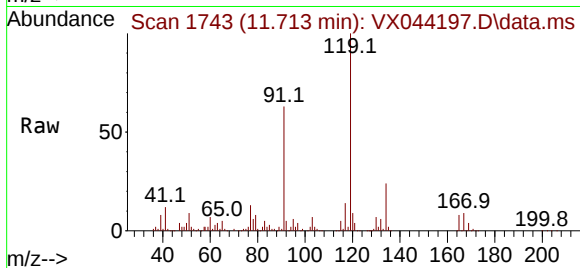
Tgt Ion:119 Resp: 316356

Ion Ratio Lower Upper

119 100

91 61.2 31.0 93.0

134 23.2 11.6 34.8



#84

1,2,4-Trimethylbenzene

Concen: 54.591 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044197.D

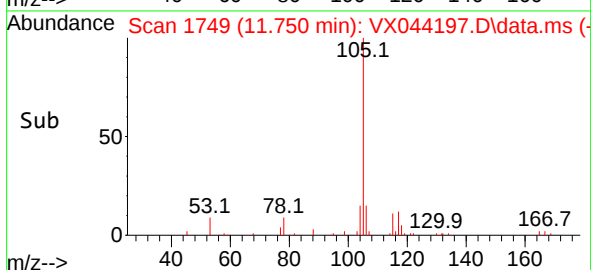
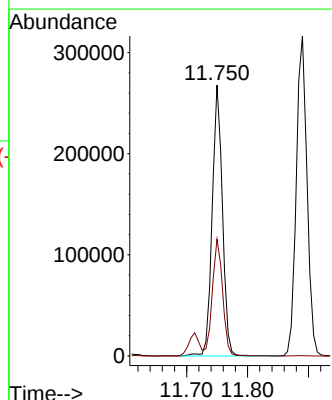
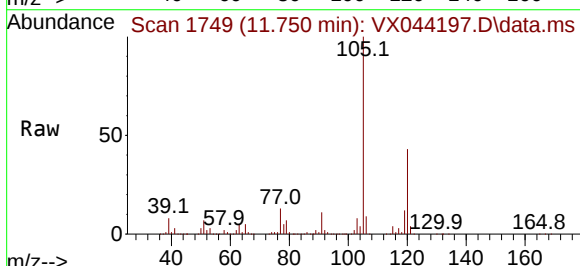
Acq: 10 Dec 2024 10:43

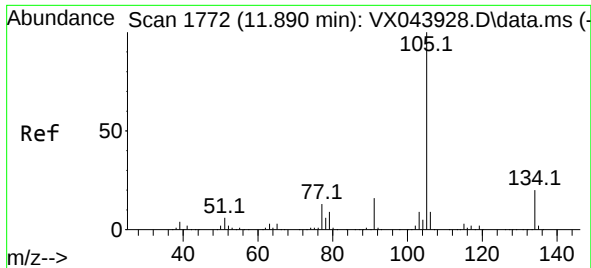
Tgt Ion:105 Resp: 313218

Ion Ratio Lower Upper

105 100

120 43.1 21.9 65.7

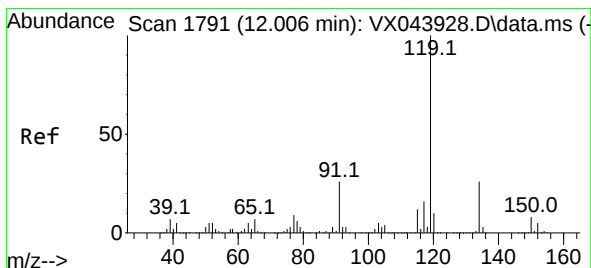
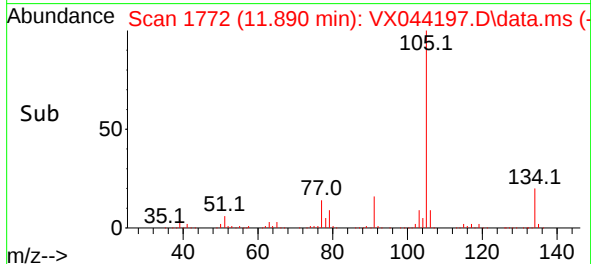
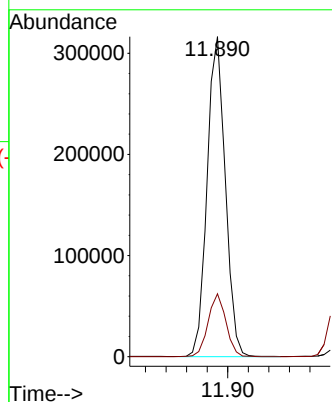
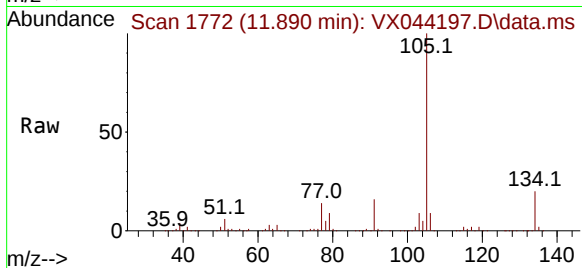




#85  
 sec-Butylbenzene  
 Concen: 55.564 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX044197.D  
 Acq: 10 Dec 2024 10:43

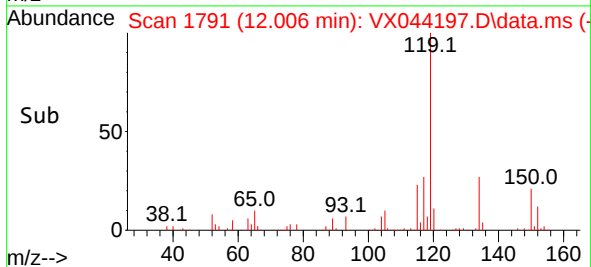
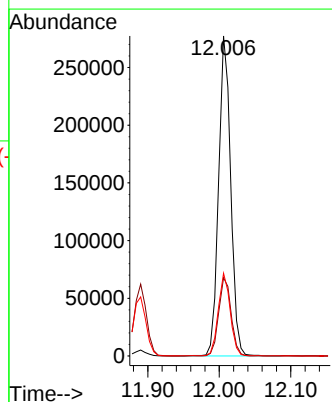
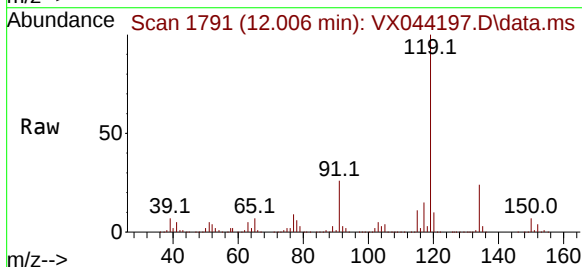
Instrument :  
 MSVOA\_X  
 ClientSampleId :

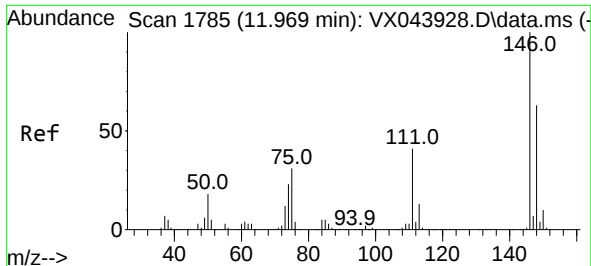
Tgt Ion:105 Resp: 388872  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 57.182 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX044197.D  
 Acq: 10 Dec 2024 10:43

Tgt Ion:119 Resp: 325073  
 Ion Ratio Lower Upper  
 119 100  
 134 25.4 13.0 38.9  
 91 25.5 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 52.521 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

ClientSampleId :

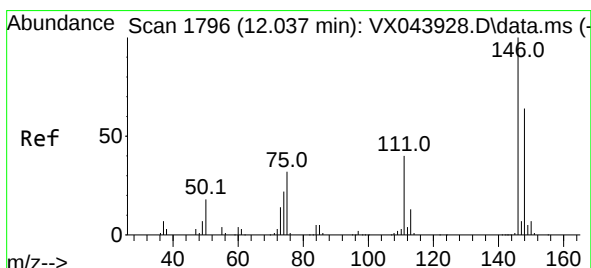
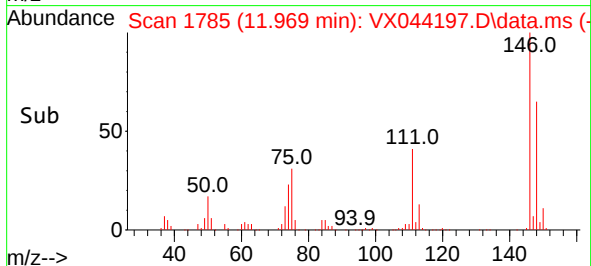
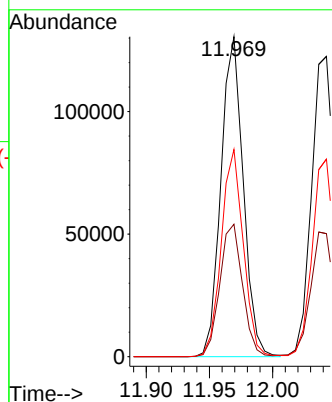
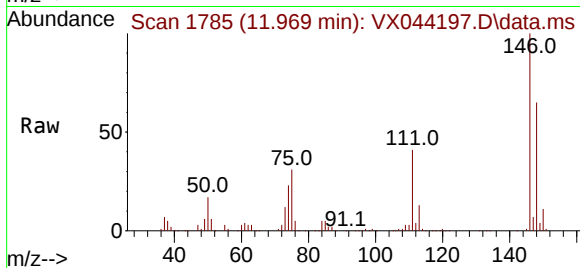
Tgt Ion:146 Resp: 159843

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.3

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.665 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

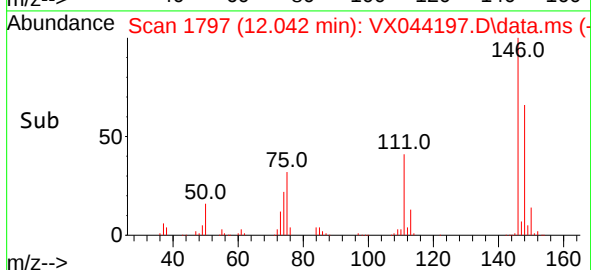
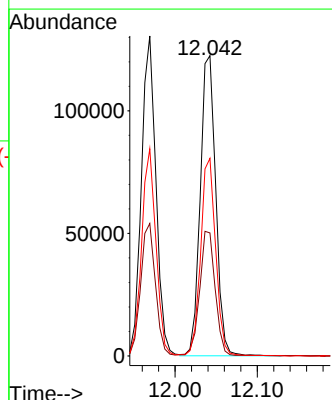
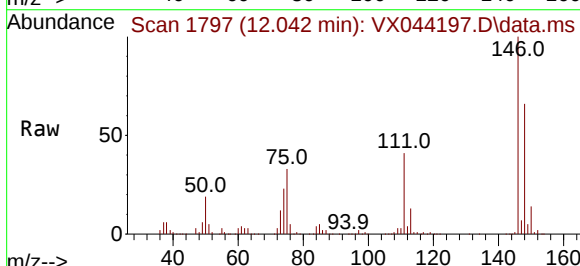
Tgt Ion:146 Resp: 160310

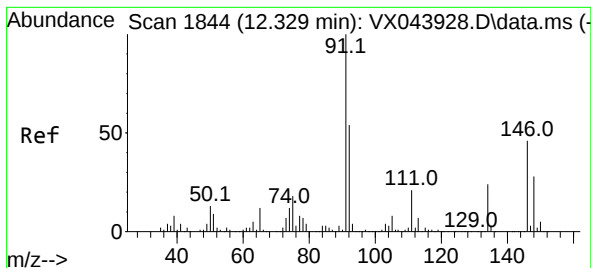
Ion Ratio Lower Upper

146 100

111 42.0 20.1 60.3

148 64.1 30.9 92.8





#89

n-Butylbenzene

Concen: 56.576 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

ClientSampleId :

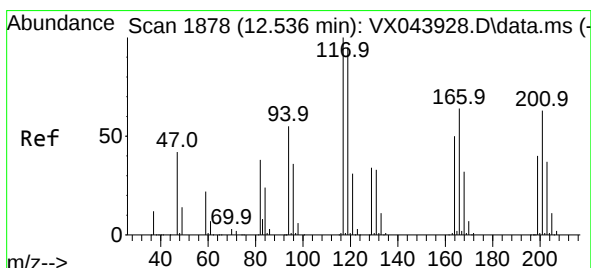
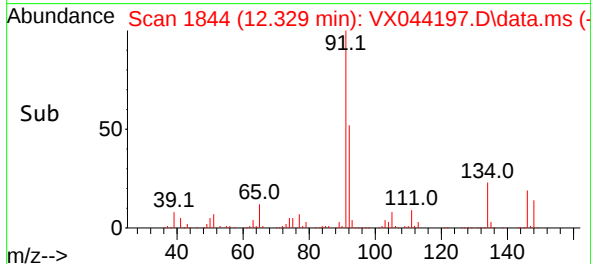
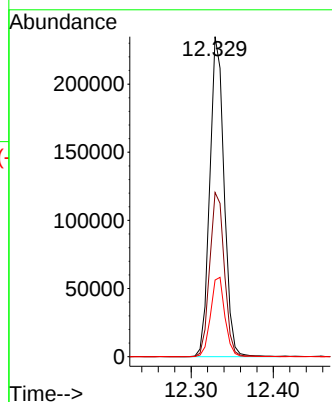
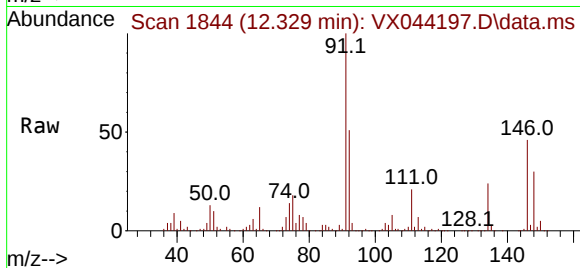
Tgt Ion: 91 Resp: 283567

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.8

134 25.0 12.4 37.2



#90

Hexachloroethane

Concen: 52.654 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044197.D

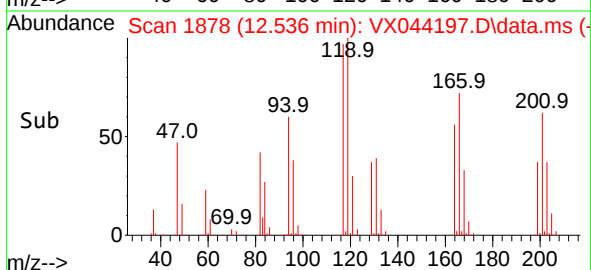
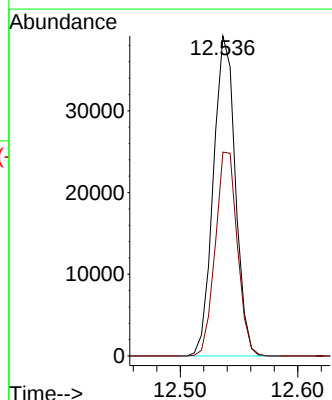
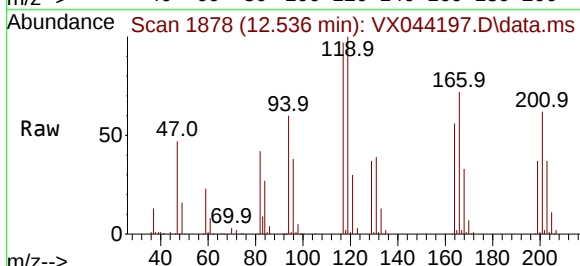
Acq: 10 Dec 2024 10:43

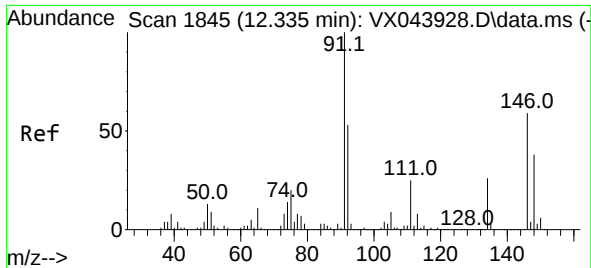
Tgt Ion: 117 Resp: 50899

Ion Ratio Lower Upper

117 100

201 64.1 32.4 97.0

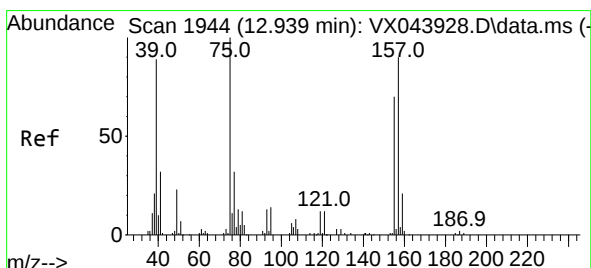
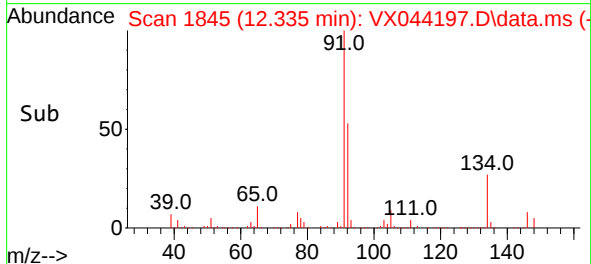
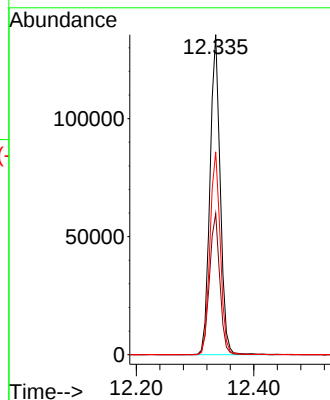
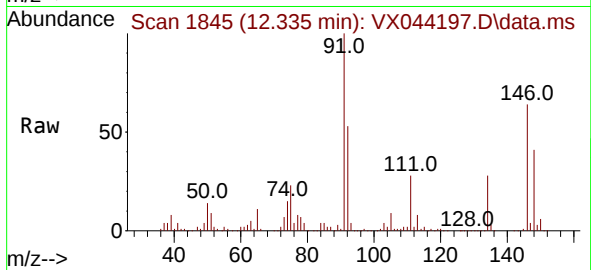




#91  
1,2-Dichlorobenzene  
Concen: 53.506 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

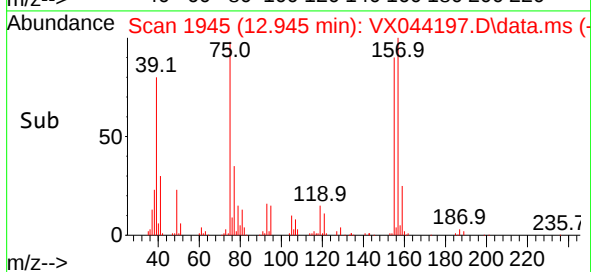
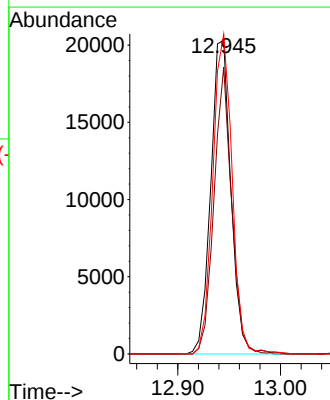
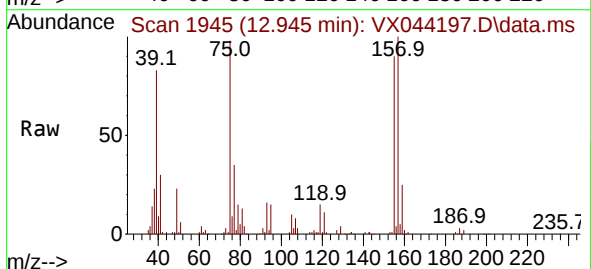
Instrument :  
MSVOA\_X  
ClientSampleId :

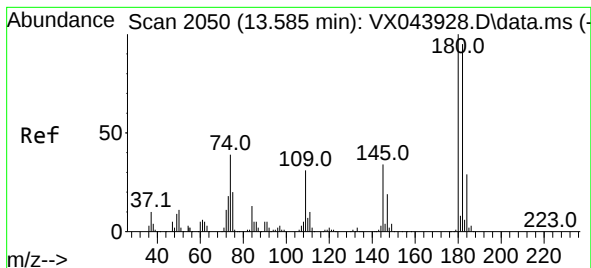
Tgt Ion:146 Resp: 164337  
Ion Ratio Lower Upper  
146 100  
111 44.3 21.5 64.5  
148 63.9 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 57.434 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX044197.D  
Acq: 10 Dec 2024 10:43

Tgt Ion: 75 Resp: 27603  
Ion Ratio Lower Upper  
75 100  
155 80.2 40.1 120.2  
157 97.8 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 53.404 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

ClientSampleId :

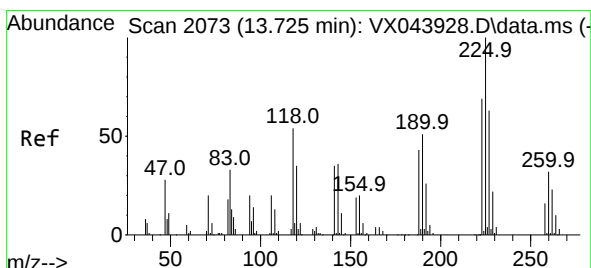
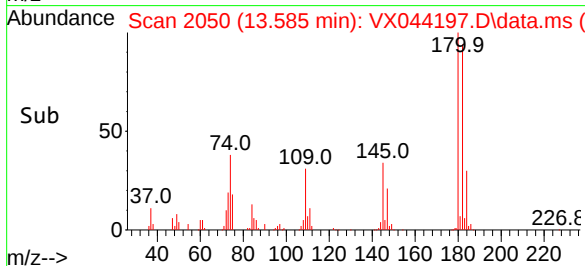
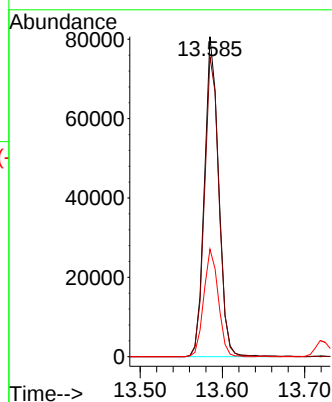
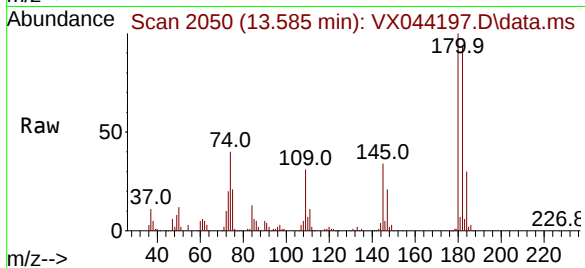
Tgt Ion:180 Resp: 96701

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.2

145 34.3 16.8 50.4



#94

Hexachlorobutadiene

Concen: 54.716 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

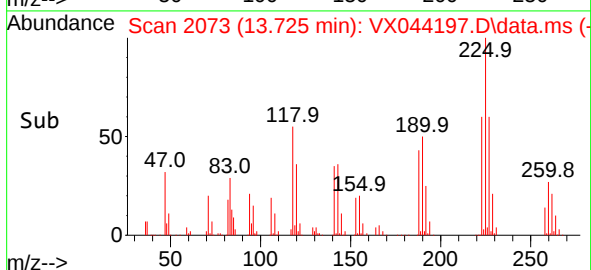
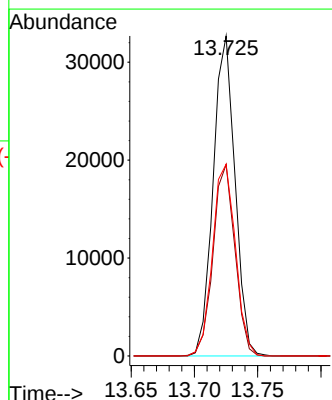
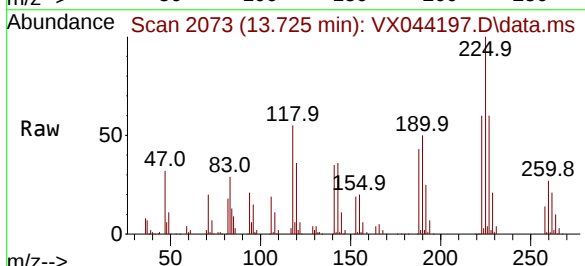
Tgt Ion:225 Resp: 39157

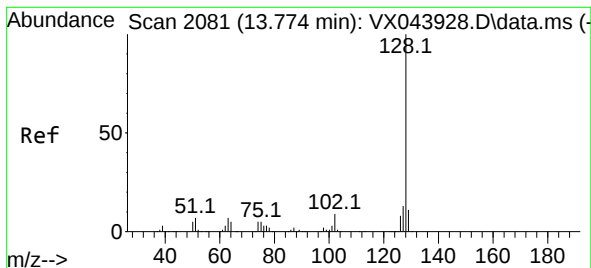
Ion Ratio Lower Upper

225 100

223 59.9 32.9 98.6

227 63.1 31.6 94.8





#95

Naphthalene

Concen: 58.572 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Instrument :

MSVOA\_X

ClientSampleId :

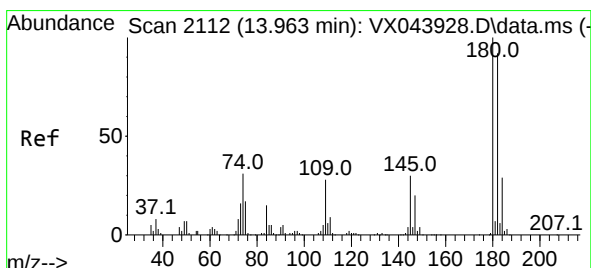
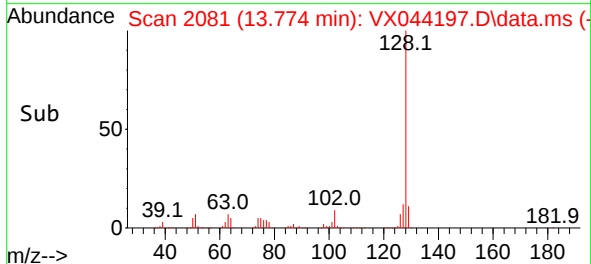
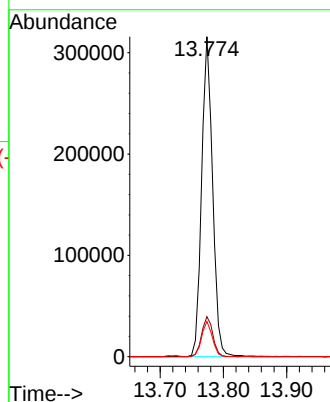
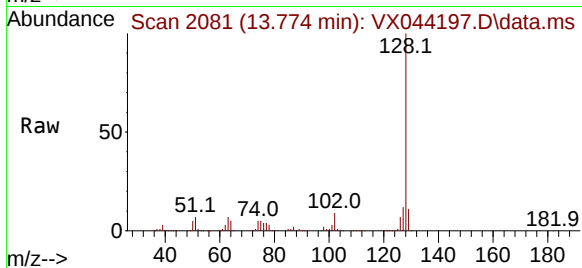
Tgt Ion:128 Resp: 381783

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 55.461 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044197.D

Acq: 10 Dec 2024 10:43

Tgt Ion:180 Resp: 101647

Ion Ratio Lower Upper

180 100

182 92.5 45.6 136.8

145 34.5 16.4 49.4

