

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX123121\  
 Data File : VX026178.D  
 Acq On : 30 Dec 2021 19:06  
 Operator : JC/MD  
 Sample : M5207-07MSD  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-1S-122121MSD

Quant Time: Dec 31 01:10:23 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 102772   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 168242   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 152416   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 75147    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 72635    | 48.853   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 97.700% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 54198    | 49.550   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.100% |
| 50) Toluene-d8              | 8.653  | 98    | 194909   | 47.907   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 95.820% |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 72388    | 49.980   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 99.960% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 50300  | 46.601  | ug/l   | 99  |
| 3) Chloromethane             | 1.294 | 50  | 58322  | 46.419  | ug/l   | 96  |
| 4) Vinyl Chloride            | 1.374 | 62  | 62137  | 46.992  | ug/l   | 99  |
| 5) Bromomethane              | 1.611 | 94  | 38802  | 47.549  | ug/l   | 98  |
| 6) Chloroethane              | 1.685 | 64  | 43063  | 46.314  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 1.892 | 101 | 110642 | 48.575  | ug/l   | 99  |
| 8) Diethyl Ether             | 2.136 | 74  | 38721  | 49.485  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 54045  | 45.008  | ug/l   | 98  |
| 10) Methyl Iodide            | 2.459 | 142 | 67145  | 43.239  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 2.977 | 59  | 69577  | 234.294 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 2.325 | 96  | 54074  | 47.515  | ug/l   | 91  |
| 13) Acrolein                 | 2.239 | 56  | 45719  | 430.543 | ug/l   | 96  |
| 14) Allyl chloride           | 2.666 | 41  | 105809 | 47.047  | ug/l   | 95  |
| 15) Acrylonitrile            | 3.069 | 53  | 178667 | 243.003 | ug/l   | 99  |
| 16) Acetone                  | 2.386 | 43  | 164140 | 203.755 | ug/l   | 96  |
| 17) Carbon Disulfide         | 2.514 | 76  | 157890 | 48.342  | ug/l   | 100 |
| 18) Methyl Acetate           | 2.709 | 43  | 124309 | 47.573  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 192523 | 48.433  | ug/l   | 98  |
| 20) Methylene Chloride       | 2.794 | 84  | 62368  | 48.389  | ug/l   | 90  |
| 21) trans-1,2-Dichloroethene | 3.099 | 96  | 58853  | 47.405  | ug/l   | 95  |
| 22) Diisopropyl ether        | 3.770 | 45  | 208335 | 48.534  | ug/l   | 92  |
| 23) Vinyl Acetate            | 3.727 | 43  | 858887 | 251.984 | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 3.617 | 63  | 113022 | 48.586  | ug/l   | 99  |
| 25) 2-Butanone               | 4.562 | 43  | 263342 | 234.674 | ug/l   | 94  |
| 26) 2,2-Dichloropropane      | 4.483 | 77  | 79212  | 45.194  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 4.501 | 96  | 70493  | 49.910  | ug/l   | 93  |
| 28) Bromochloromethane       | 4.904 | 49  | 52517  | 50.935  | ug/l   | 87  |
| 29) Tetrahydrofuran          | 5.013 | 42  | 172265 | 243.554 | ug/l   | 94  |
| 30) Chloroform               | 5.105 | 83  | 118912 | 48.329  | ug/l   | 98  |
| 31) Cyclohexane              | 5.477 | 56  | 97380  | 45.991  | ug/l   | 90  |
| 32) 1,1,1-Trichloroethane    | 5.391 | 97  | 105254 | 49.207  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 5.702 | 75  | 84613  | 47.962  | ug/l   | 98  |
| 37) Ethyl Acetate            | 4.721 | 43  | 101895 | 49.813  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 5.684 | 117 | 95906  | 48.872  | ug/l   | 98  |
| 39) Methylcyclohexane        | 7.385 | 83  | 91532  | 45.996  | ug/l   | 95  |
| 40) Benzene                  | 6.044 | 78  | 241991 | 48.062  | ug/l   | 97  |

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 Sample : M5207-07MSD  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-1S-122121MSD

Quant Time: Dec 31 01:10:23 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 57946    | 50.164   | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 100258   | 49.202   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 165234   | 49.563   | ug/l   | 95       |
| 44) Trichloroethene           | 7.135  | 130  | 64318    | 47.474   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 63366    | 49.203   | ug/l   | 96       |
| 46) Dibromomethane            | 7.586  | 93   | 46472    | 48.649   | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.824  | 83   | 95845    | 49.316   | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 81396    | 50.908   | ug/l   | 93       |
| 49) 1,4-Dioxane               | 7.677  | 88   | 29782    | 1010.767 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 527552   | 254.284  | ug/l   | 96       |
| 52) Toluene                   | 8.720  | 92   | 149200   | 48.134   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 94578    | 45.918   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 101488   | 49.407   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 61674    | 48.412   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 100197   | 50.996   | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 108137   | 49.555   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.366  | 63   | 717      | 10.485   | ug/l # | 44       |
| 59) 2-Hexanone                | 9.433  | 43   | 398177   | 253.371  | ug/l   | 95       |
| 60) Dibromochloromethane      | 9.525  | 129  | 72884    | 50.503   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 65948    | 48.382   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 70615    | 54.901   | ug/l   | 99       |
| 65) Chlorobenzene             | 10.079 | 112  | 158482   | 47.333   | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 62942    | 49.333   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 292514   | 48.860   | ug/l   | 95       |
| 68) m/p-Xylenes               | 10.305 | 106  | 218251   | 97.636   | ug/l   | 93       |
| 69) o-Xylene                  | 10.646 | 106  | 106988   | 48.917   | ug/l   | 94       |
| 70) Styrene                   | 10.659 | 104  | 182058   | 50.776   | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 52561    | 50.783   | ug/l   | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 283121   | 48.470   | ug/l   | 98       |
| 74) N-amyl acetate            | 10.848 | 43   | 135786   | 50.626   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 96413    | 48.533   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 110624   | 60.988   | ug/l   | 87       |
| 77) Bromobenzene              | 11.201 | 156  | 66976    | 48.350   | ug/l   | 94       |
| 78) n-propylbenzene           | 11.305 | 91   | 331292   | 49.329   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 195776   | 47.356   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 236202   | 48.727   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 31071    | 49.557   | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 229464   | 49.147   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 230594   | 49.010   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 240031   | 49.557   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 284726   | 48.493   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 236747   | 48.367   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 125536   | 48.276   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 125066   | 44.858   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 206485   | 47.468   | ug/l   | 98       |
| 90) Hexachloroethane          | 12.542 | 117  | 47751    | 48.843   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 121817   | 45.159   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 24240    | 47.665   | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 75001    | 47.050   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 28259    | 42.697   | ug/l   | 100      |
| 95) Naphthalene               | 13.780 | 128  | 276352   | 47.582   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 76403    | 47.109   | ug/l   | 99       |

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Sample : M5207-07MSD  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

Quant Time: Dec 31 01:10:23 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 30 08:02:21 2021  
Response via : Initial Calibration

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

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

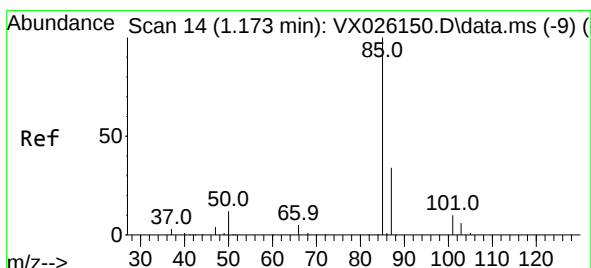
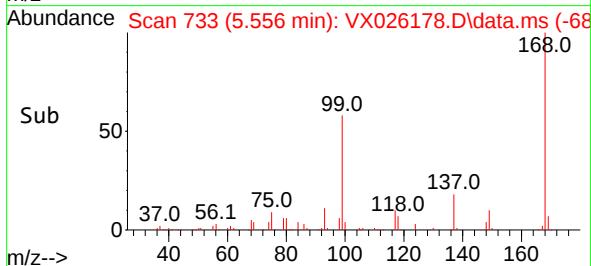
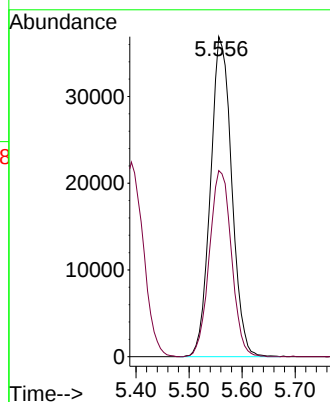
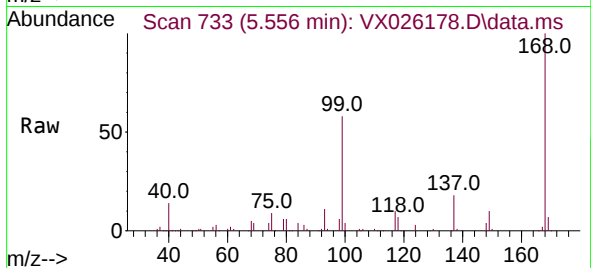




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

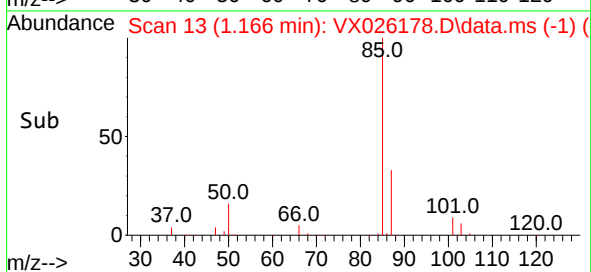
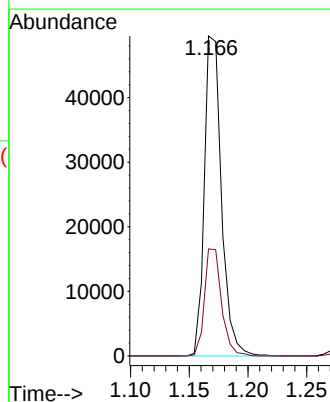
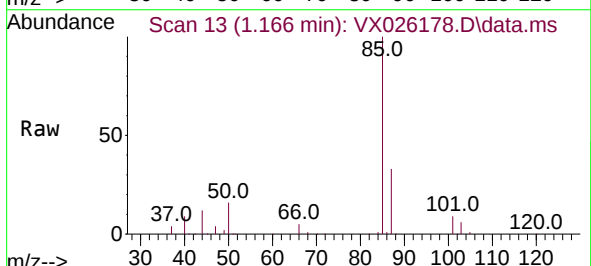
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

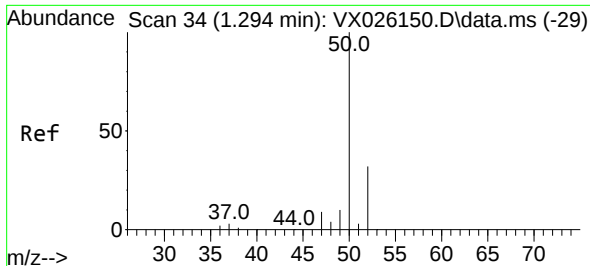
Tgt Ion:168 Resp: 102772  
Ion Ratio Lower Upper  
168 100  
99 58.1 45.8 68.8



#2  
Dichlorodifluoromethane  
Concen: 46.601 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.007 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion: 85 Resp: 50300  
Ion Ratio Lower Upper  
85 100  
87 33.4 17.0 50.9

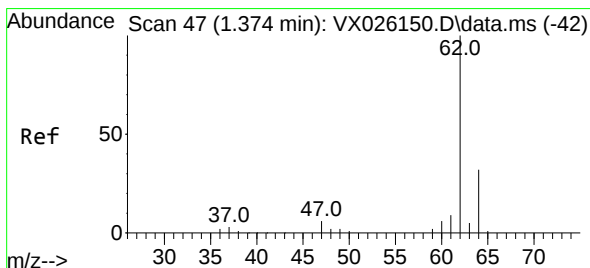
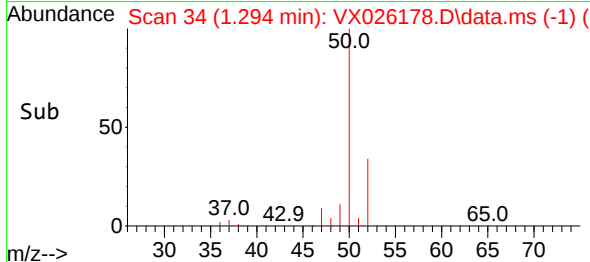
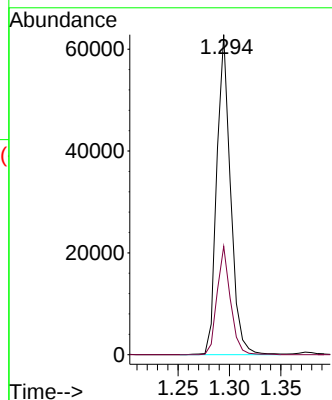
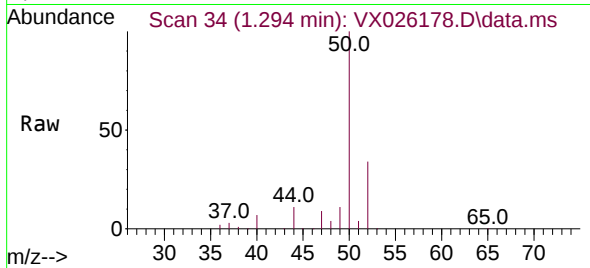




#3  
Chloromethane  
Concen: 46.419 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

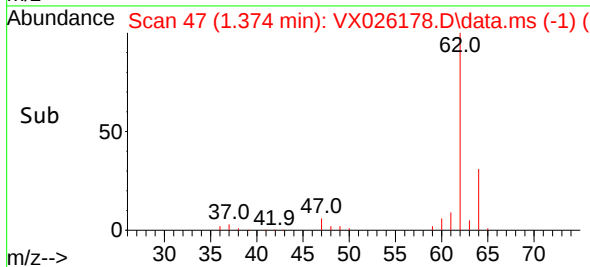
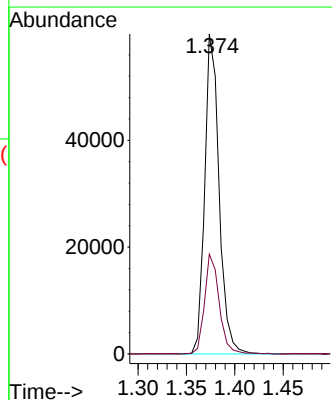
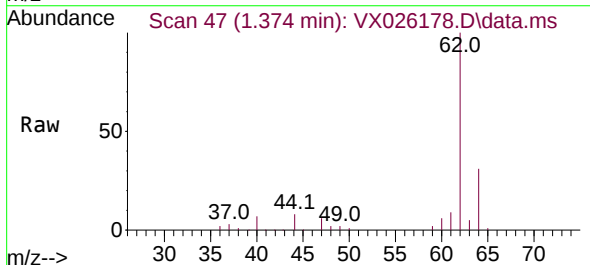
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

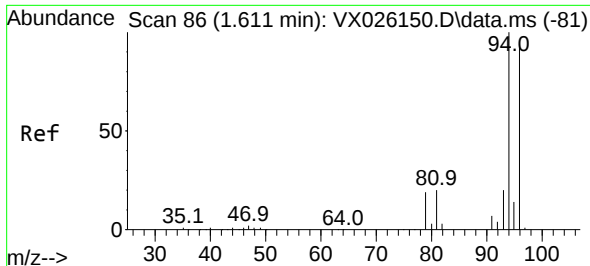
Tgt Ion: 50 Resp: 58322  
Ion Ratio Lower Upper  
50 100  
52 33.9 25.4 38.0



#4  
Vinyl Chloride  
Concen: 46.992 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion: 62 Resp: 62137  
Ion Ratio Lower Upper  
62 100  
64 31.2 25.4 38.2

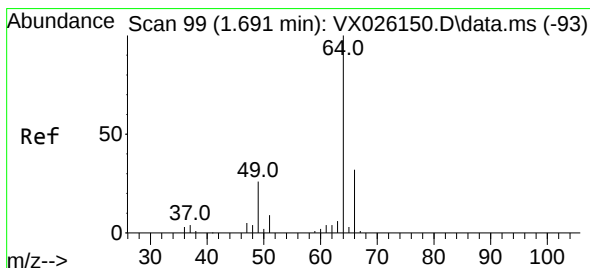
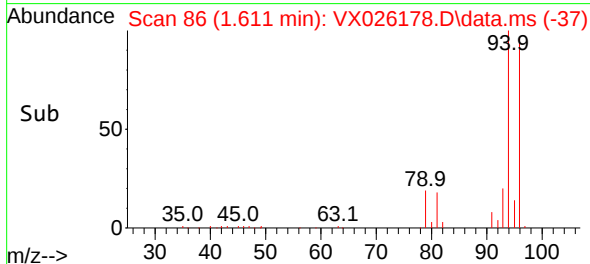
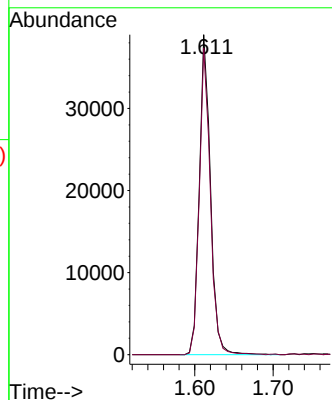
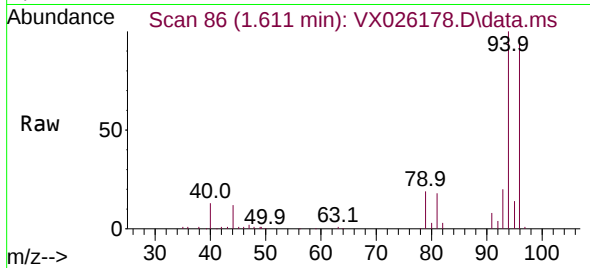




#5  
Bromomethane  
Concen: 47.549 ug/l  
RT: 1.611 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

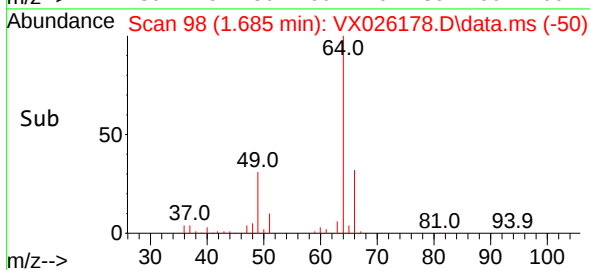
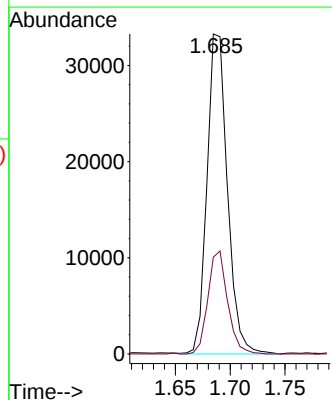
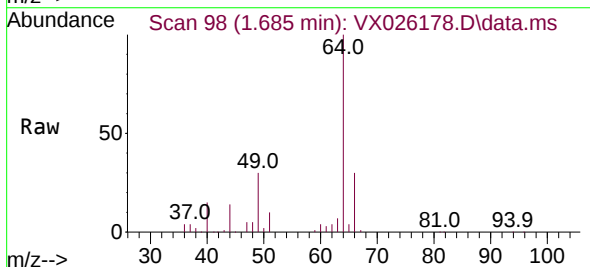
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

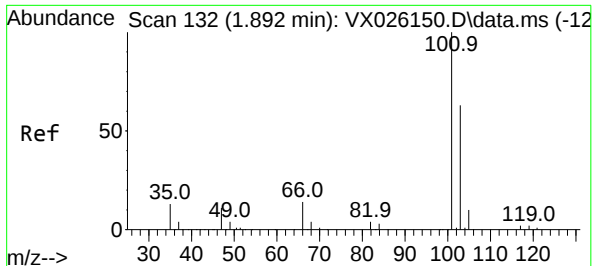
Tgt Ion: 94 Resp: 38802  
Ion Ratio Lower Upper  
94 100  
96 95.9 75.0 112.4



#6  
Chloroethane  
Concen: 46.314 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.006 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion: 64 Resp: 43063  
Ion Ratio Lower Upper  
64 100  
66 30.3 25.9 38.9

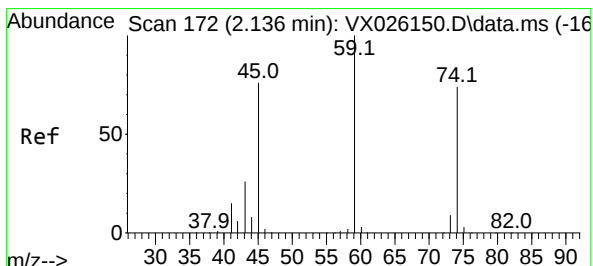
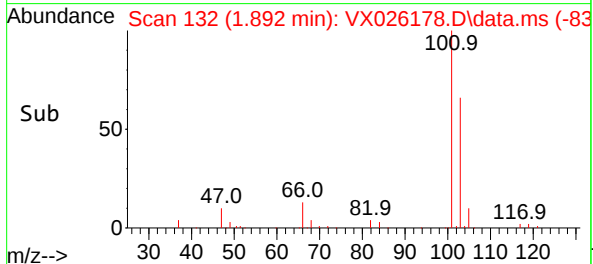
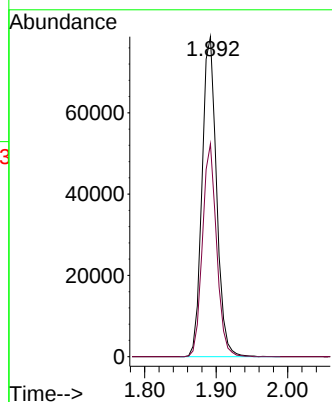
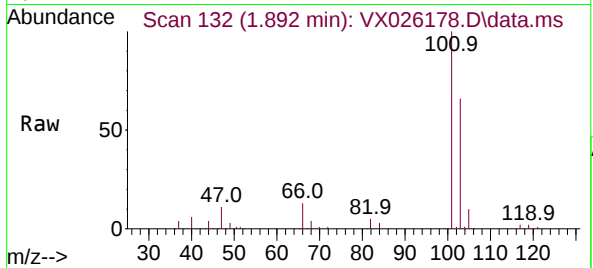




#7  
 Trichlorofluoromethane  
 Concen: 48.575 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX026178.D  
 Acq: 30 Dec 2021 19:06

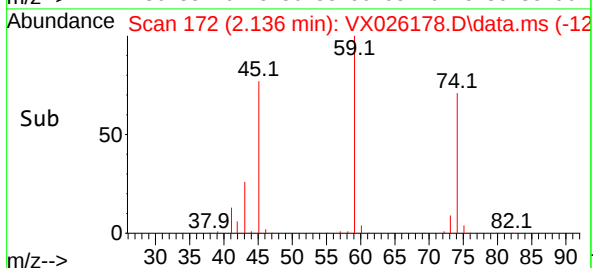
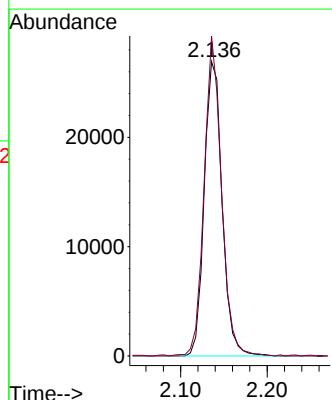
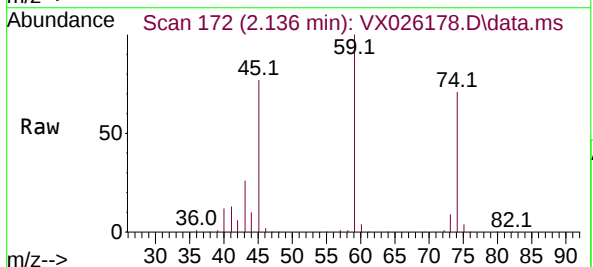
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-1S-122121MSD

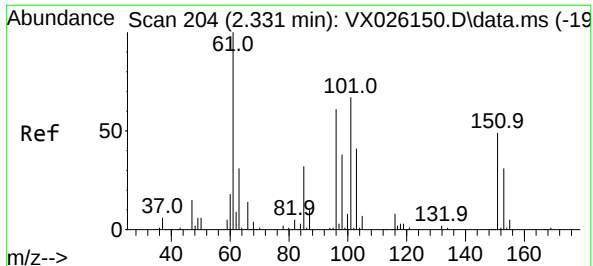
Tgt Ion:101 Resp: 110642  
 Ion Ratio Lower Upper  
 101 100  
 103 66.5 54.1 81.1



#8  
 Diethyl Ether  
 Concen: 49.485 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX026178.D  
 Acq: 30 Dec 2021 19:06

Tgt Ion: 74 Resp: 38721  
 Ion Ratio Lower Upper  
 74 100  
 45 105.0 50.4 151.2

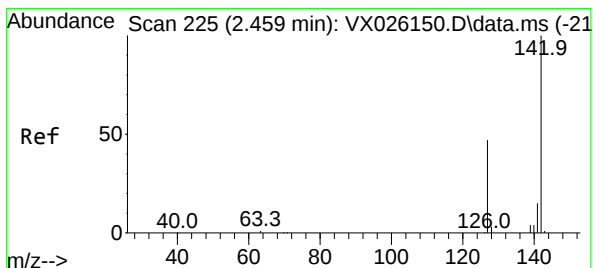
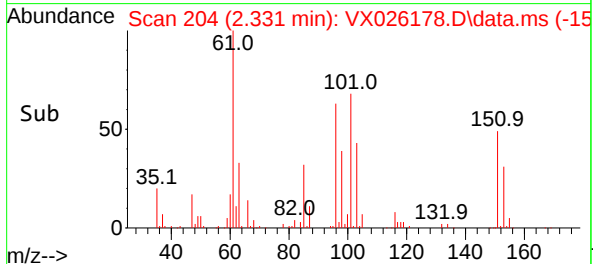
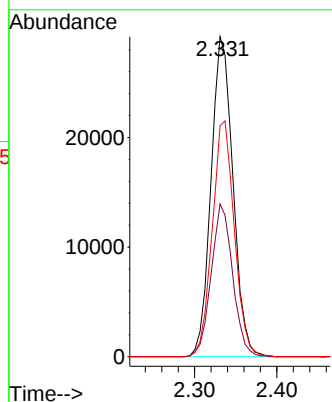
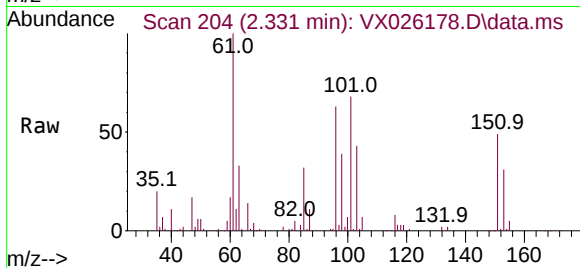




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.008 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

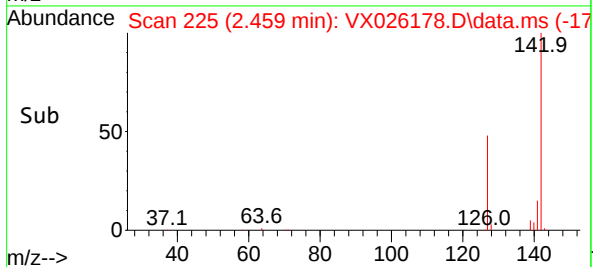
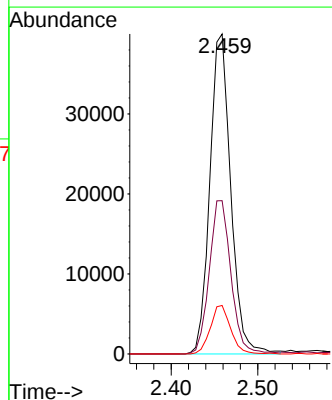
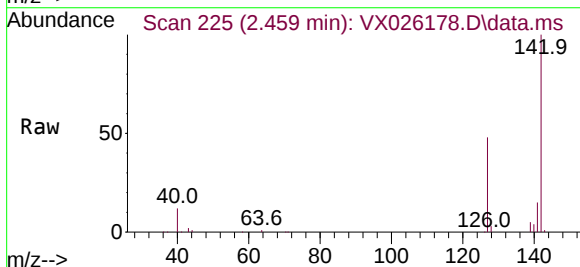
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

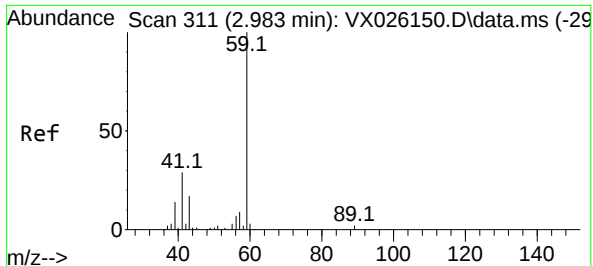
Tgt Ion:101 Resp: 54045  
Ion Ratio Lower Upper  
101 100  
85 46.7 36.5 54.7  
151 74.3 60.6 90.8



#10  
Methyl Iodide  
Concen: 43.239 ug/l  
RT: 2.459 min Scan# 225  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion:142 Resp: 67145  
Ion Ratio Lower Upper  
142 100  
127 49.6 37.5 56.3  
141 14.8 11.4 17.0

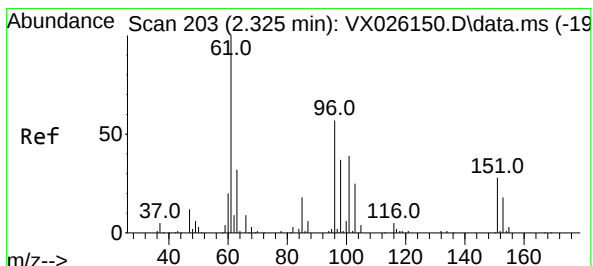
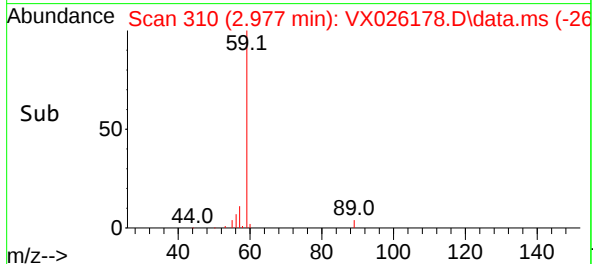
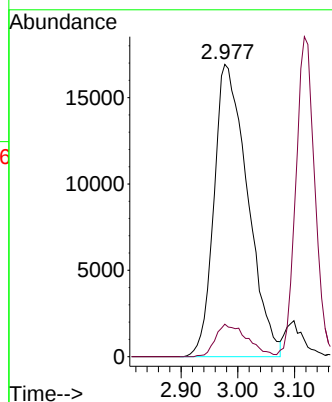
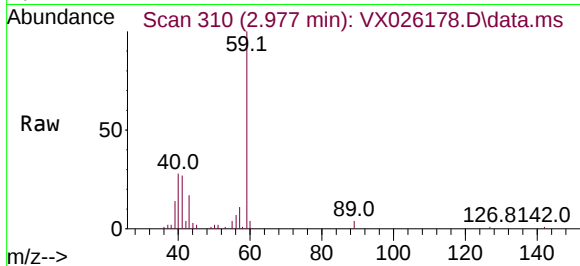




#11  
Tert butyl alcohol  
Concen: 234.294 ug/l  
RT: 2.977 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

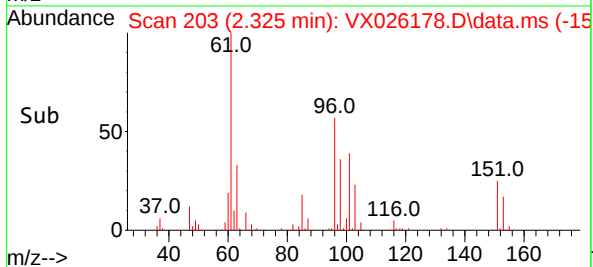
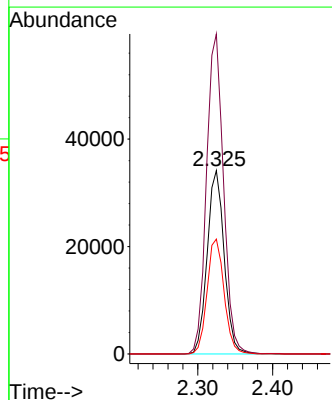
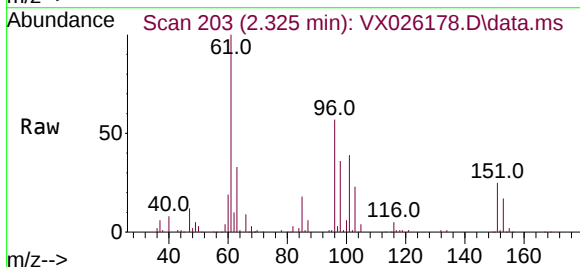
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

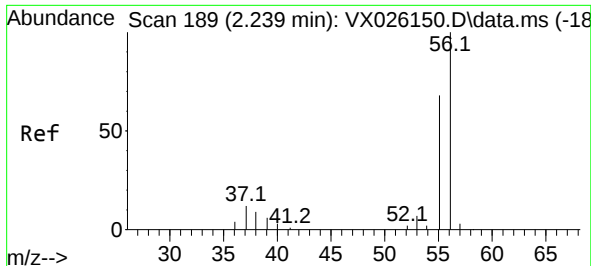
Tgt Ion: 59 Resp: 69577  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.2 12.2



#12  
1,1-Dichloroethene  
Concen: 47.515 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion: 96 Resp: 54074  
Ion Ratio Lower Upper  
96 100  
61 174.5 127.5 191.3  
98 62.6 52.0 78.0





#13

Acrolein

Concen: 430.543 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

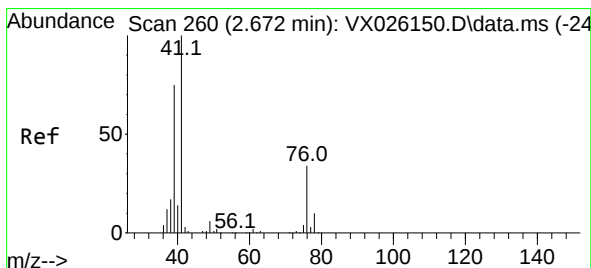
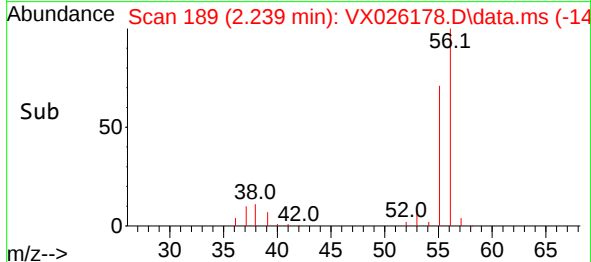
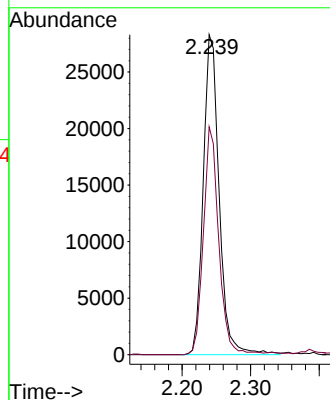
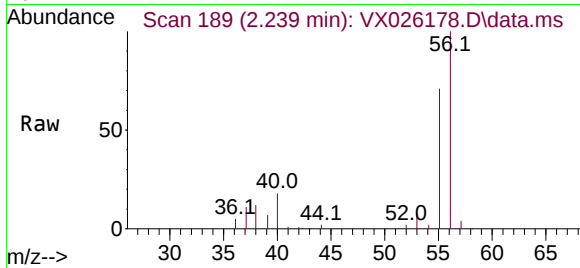
MW-1S-122121MSD

Tgt Ion: 56 Resp: 45719

Ion Ratio Lower Upper

56 100

55 68.7 57.4 86.2



#14

Allyl chloride

Concen: 47.047 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

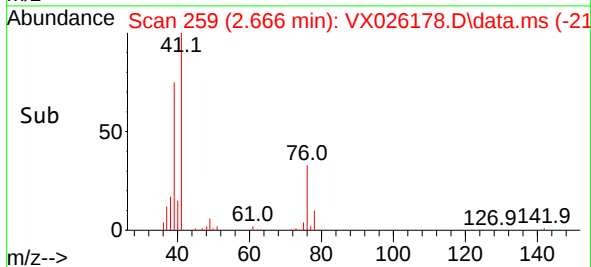
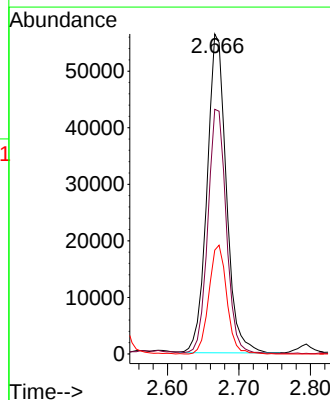
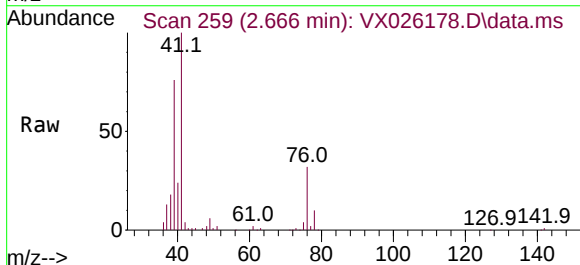
Tgt Ion: 41 Resp: 105809

Ion Ratio Lower Upper

41 100

39 72.8 55.4 83.0

76 31.6 27.6 41.4

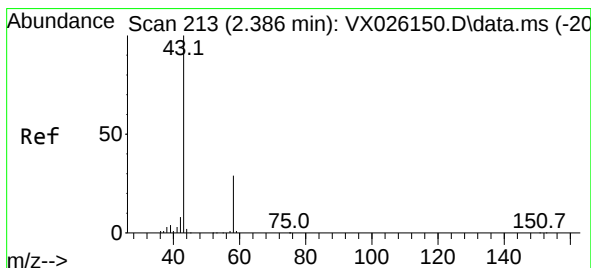
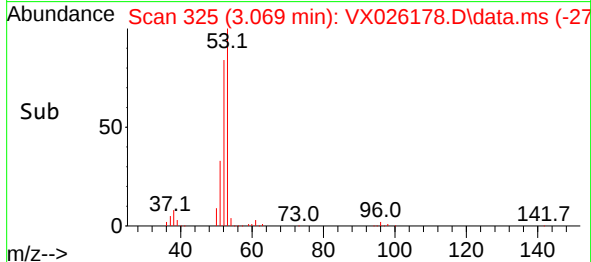
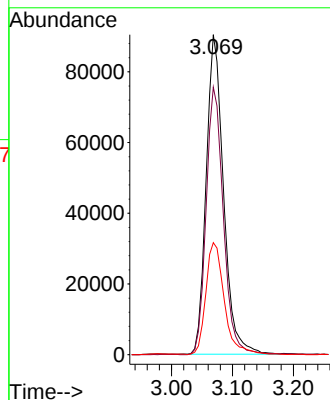
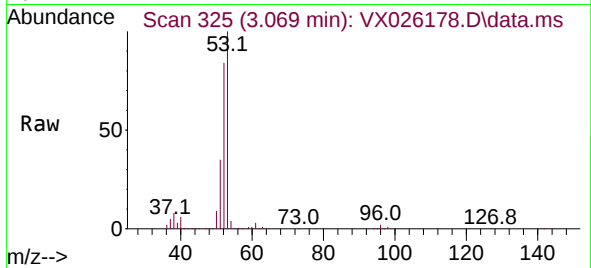




#15  
Acrylonitrile  
Concen: 243.003 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

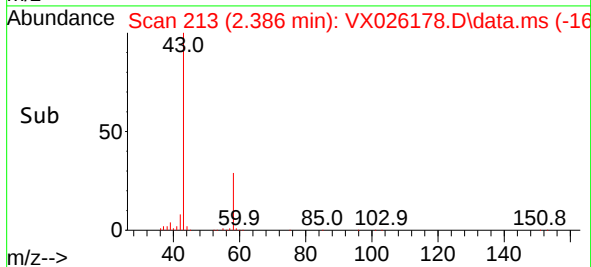
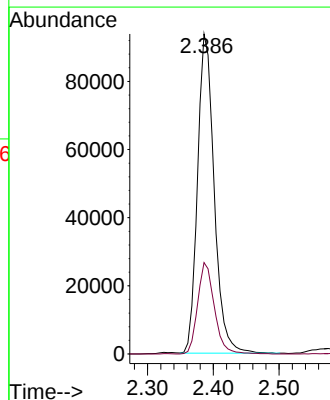
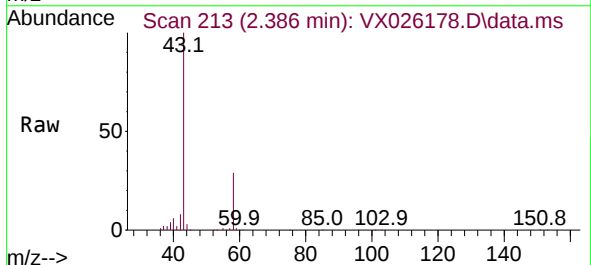
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

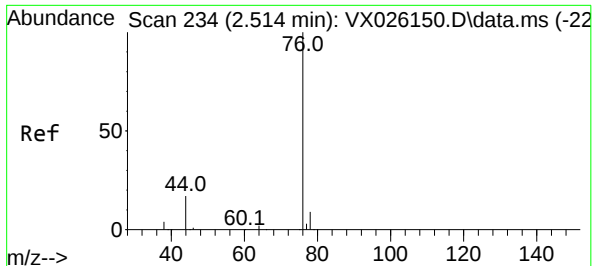
Tgt Ion: 53 Resp: 178667  
Ion Ratio Lower Upper  
53 100  
52 83.7 66.2 99.2  
51 37.3 29.4 44.0



#16  
Acetone  
Concen: 203.755 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion: 43 Resp: 164140  
Ion Ratio Lower Upper  
43 100  
58 28.6 24.8 37.2

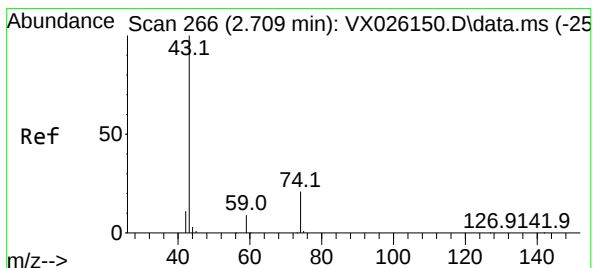
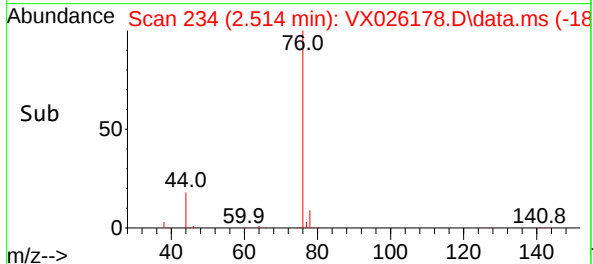
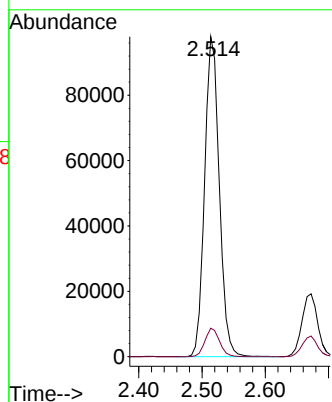
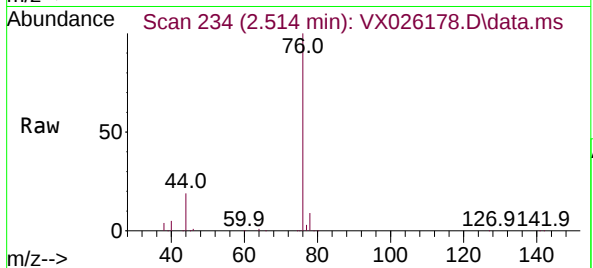




#17  
Carbon Disulfide  
Concen: 48.342 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

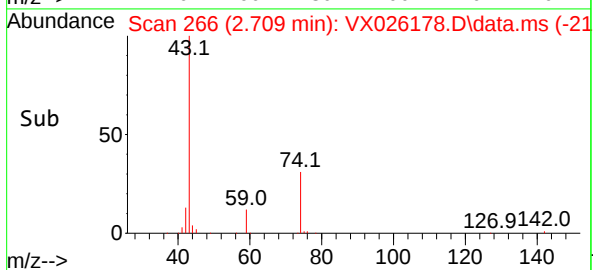
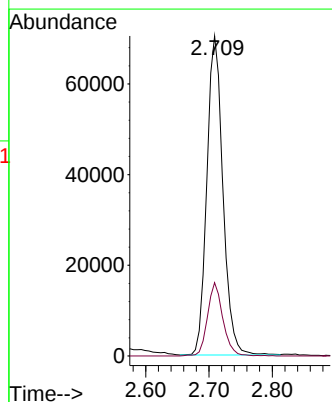
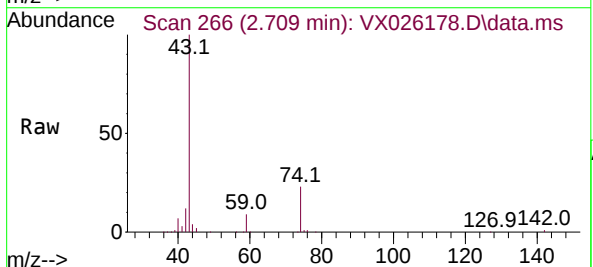
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

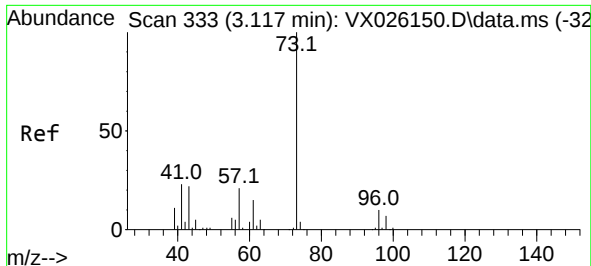
Tgt Ion: 76 Resp: 157890  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.2 10.8



#18  
Methyl Acetate  
Concen: 47.573 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion: 43 Resp: 124309  
Ion Ratio Lower Upper  
43 100  
74 22.0 19.1 28.7

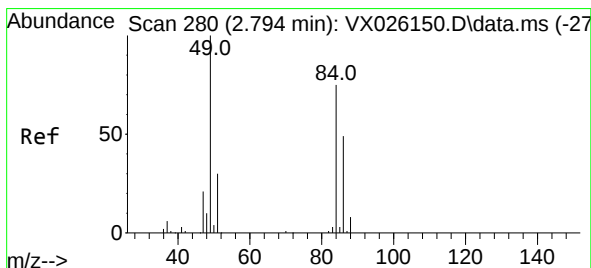
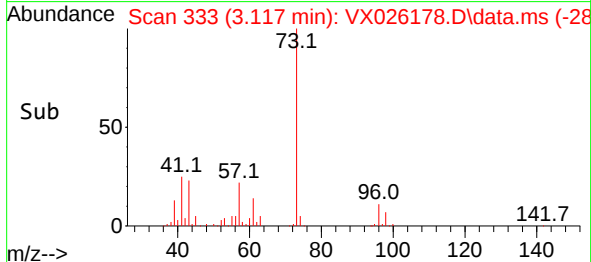
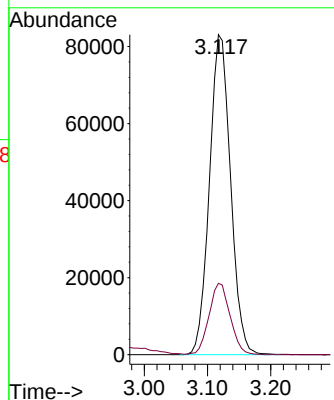
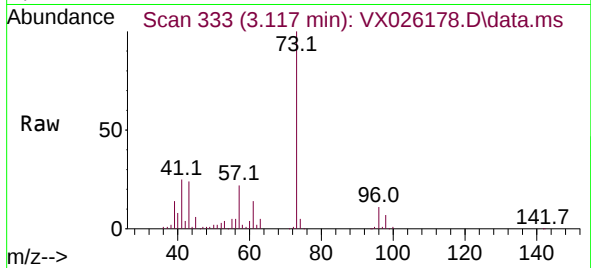




#19  
Methyl tert-butyl Ether  
Concen: 48.433 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

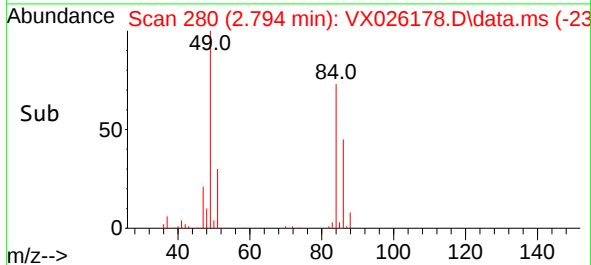
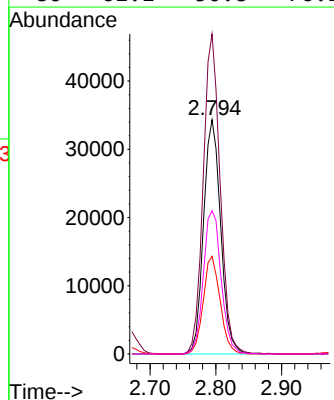
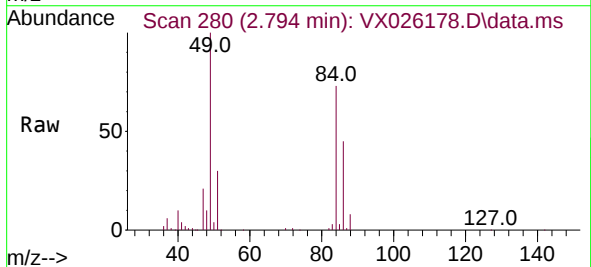
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ClientSampleId :  
MW-1S-122121MSD

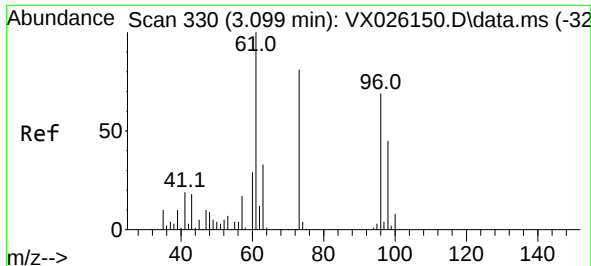
Tgt Ion: 73 Resp: 192523  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.0 25.6



#20  
Methylene Chloride  
Concen: 48.389 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion: 84 Resp: 62368  
Ion Ratio Lower Upper  
84 100  
49 136.6 97.1 145.7  
51 41.6 29.3 43.9  
86 61.1 50.8 76.2

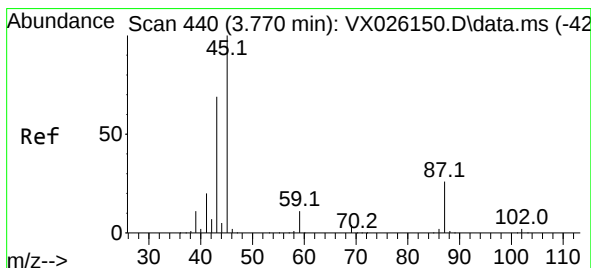
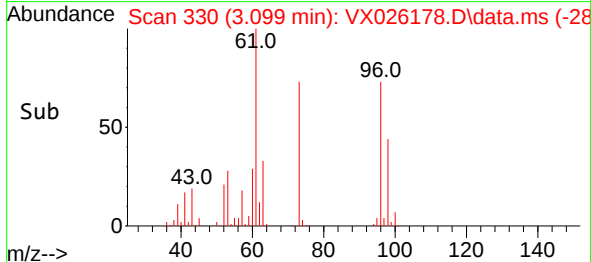
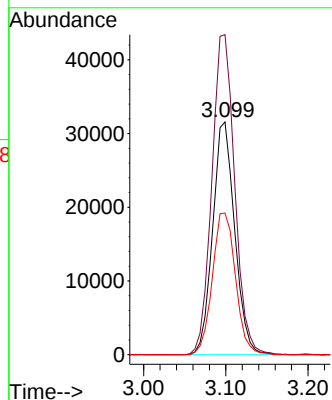
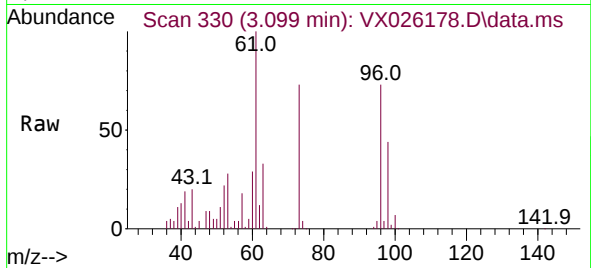




#21  
trans-1,2-Dichloroethene  
Concen: 47.405 ug/l  
RT: 3.099 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

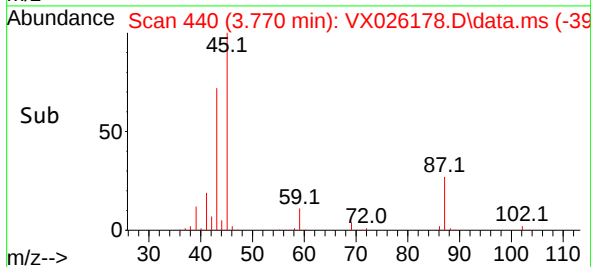
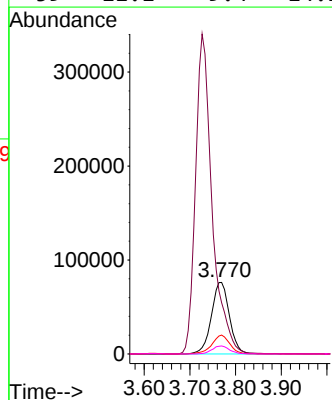
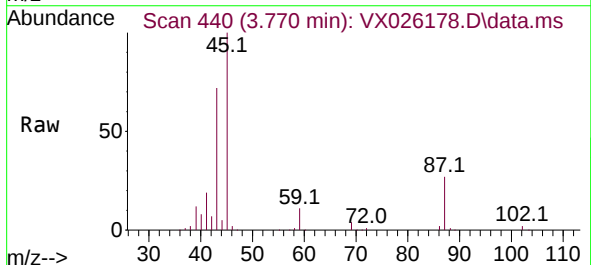
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

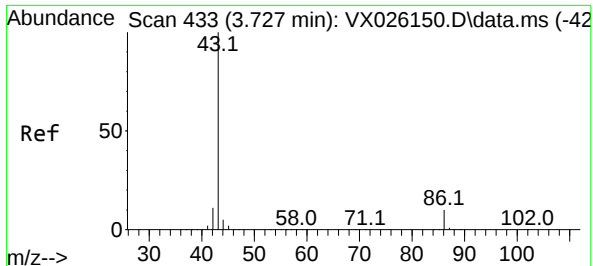
Tgt Ion: 96 Resp: 58853  
Ion Ratio Lower Upper  
96 100  
61 137.4 105.7 158.5  
98 60.8 52.1 78.1



#22  
Diisopropyl ether  
Concen: 48.534 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion: 45 Resp: 208335  
Ion Ratio Lower Upper  
45 100  
43 71.3 63.8 95.6  
87 26.5 24.2 36.4  
59 11.1 9.4 14.2

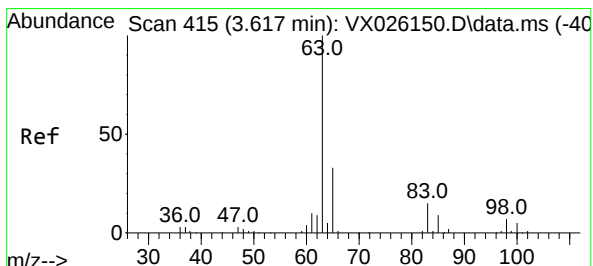
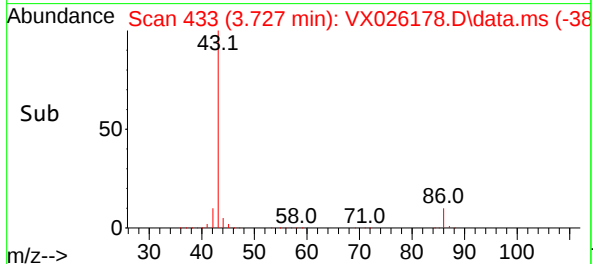
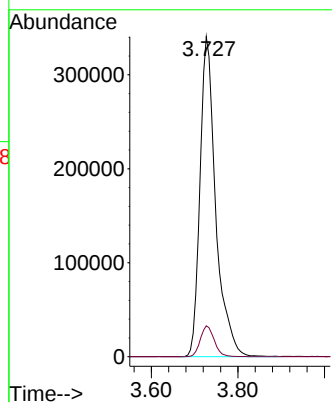
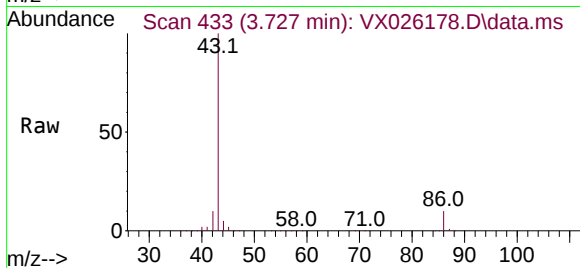




#23  
 Vinyl Acetate  
 Concen: 251.984 ug/l  
 RT: 3.727 min Scan# 411  
 Delta R.T. -0.000 min  
 Lab File: VX026178.D  
 Acq: 30 Dec 2021 19:06

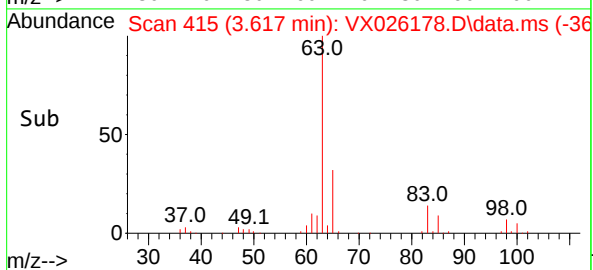
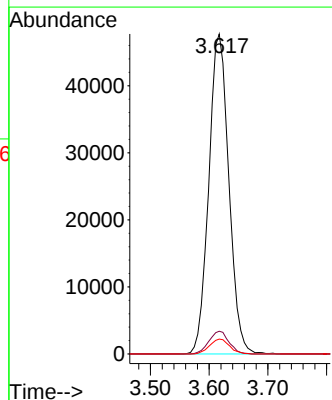
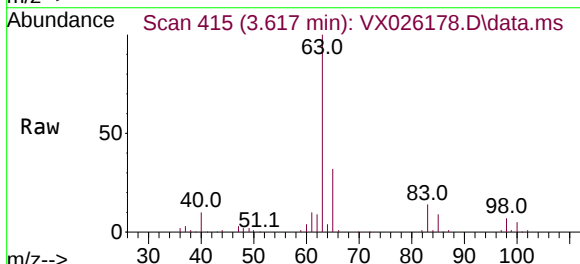
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-1S-122121MSD

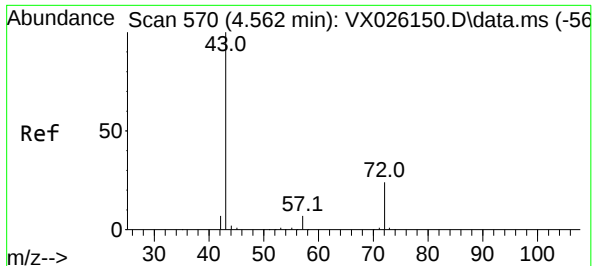
Tgt Ion: 43 Resp: 858887  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 9.0 13.6



#24  
 1,1-Dichloroethane  
 Concen: 48.586 ug/l  
 RT: 3.617 min Scan# 415  
 Delta R.T. 0.000 min  
 Lab File: VX026178.D  
 Acq: 30 Dec 2021 19:06

Tgt Ion: 63 Resp: 113022  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.3 9.9  
 100 4.6 2.2 6.6

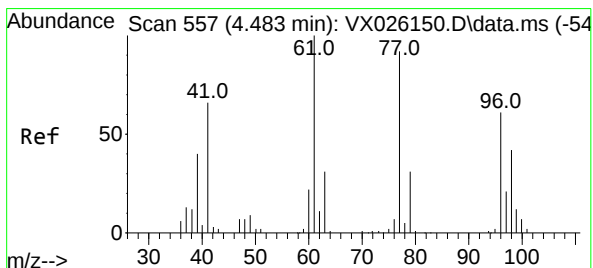
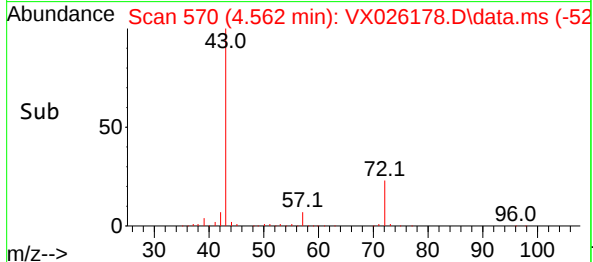
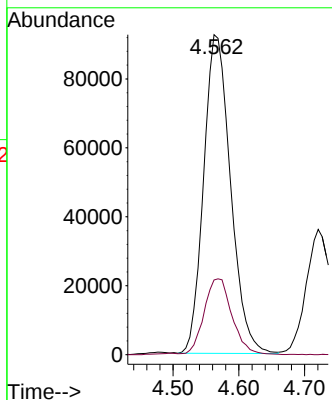
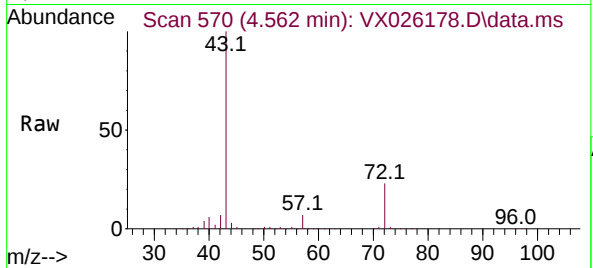




#25  
2-Butanone  
Concen: 234.674 ug/l  
RT: 4.562 min Scan# 570  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

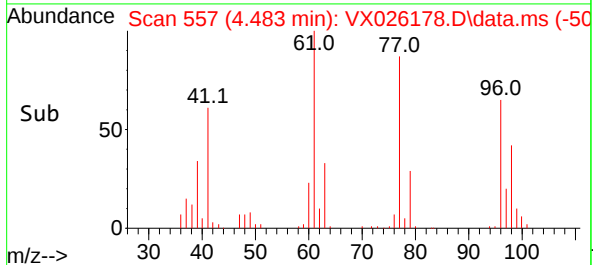
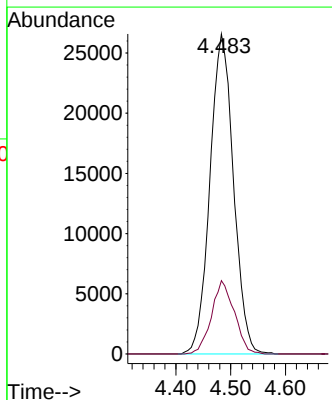
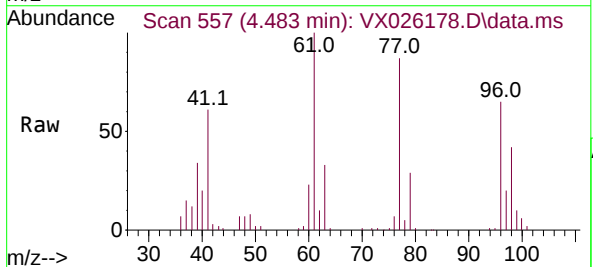
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

Tgt Ion: 43 Resp: 263342  
Ion Ratio Lower Upper  
43 100  
72 23.3 21.0 31.4



#26  
2,2-Dichloropropane  
Concen: 45.194 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion: 77 Resp: 79212  
Ion Ratio Lower Upper  
77 100  
97 22.3 11.7 35.0

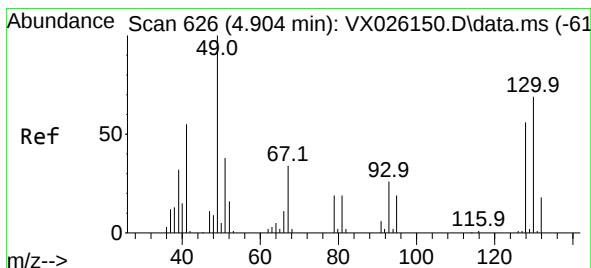
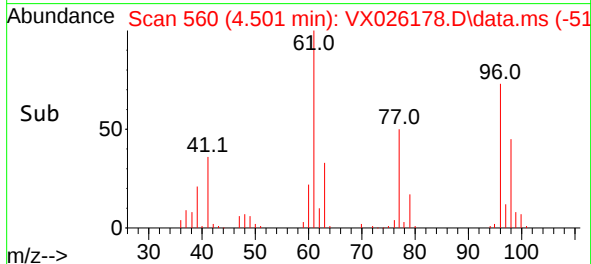
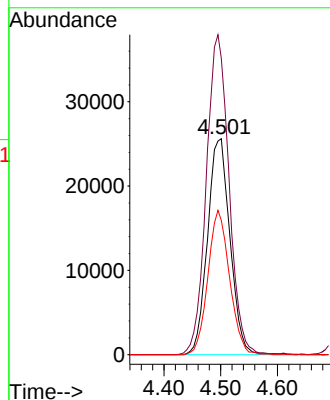
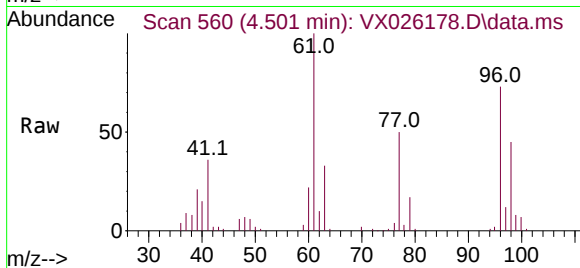




#27  
 cis-1,2-Dichloroethene  
 Concen: 49.910 ug/l  
 RT: 4.501 min Scan# 51  
 Delta R.T. 0.006 min  
 Lab File: VX026178.D  
 Acq: 30 Dec 2021 19:06

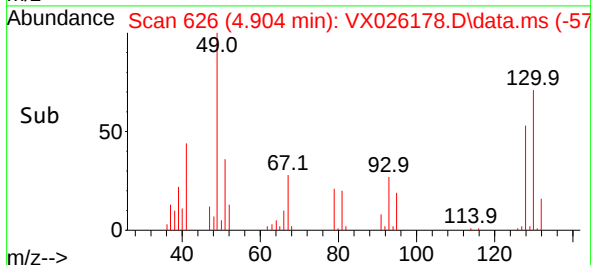
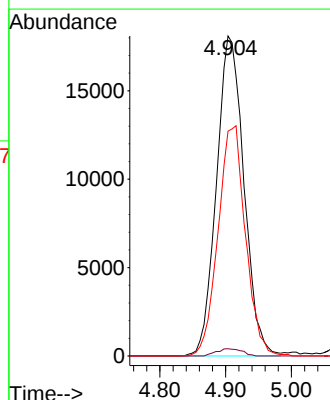
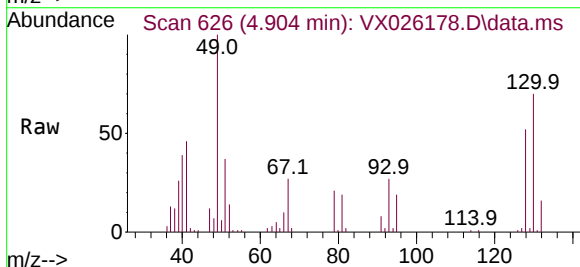
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-1S-122121MSD

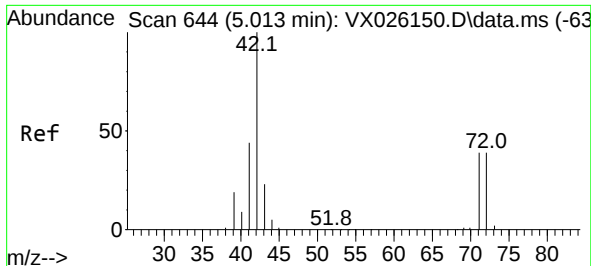
Tgt Ion: 96 Resp: 70493  
 Ion Ratio Lower Upper  
 96 100  
 61 149.3 0.0 276.8  
 98 64.3 0.0 130.6



#28  
 Bromochloromethane  
 Concen: 50.935 ug/l  
 RT: 4.904 min Scan# 626  
 Delta R.T. -0.000 min  
 Lab File: VX026178.D  
 Acq: 30 Dec 2021 19:06

Tgt Ion: 49 Resp: 52517  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.4  
 130 71.9 67.1 100.7





#29

Tetrahydrofuran

Concen: 243.554 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

MW-1S-122121MSD

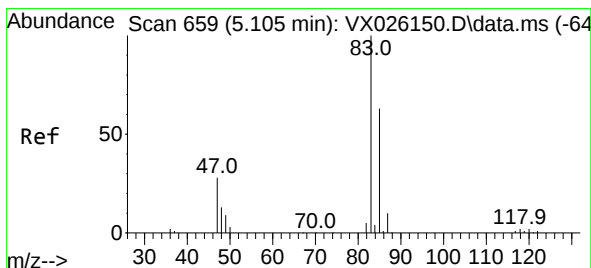
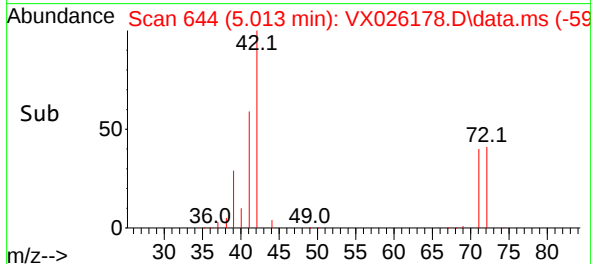
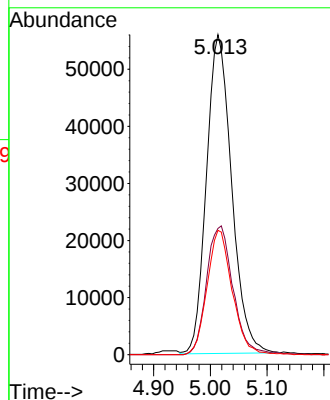
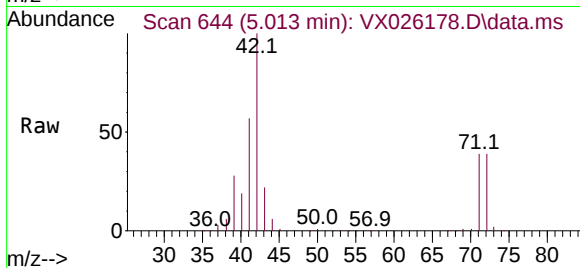
Tgt Ion: 42 Resp: 172265

Ion Ratio Lower Upper

42 100

72 42.6 37.0 55.6

71 39.0 34.1 51.1



#30

Chloroform

Concen: 48.329 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX026178.D

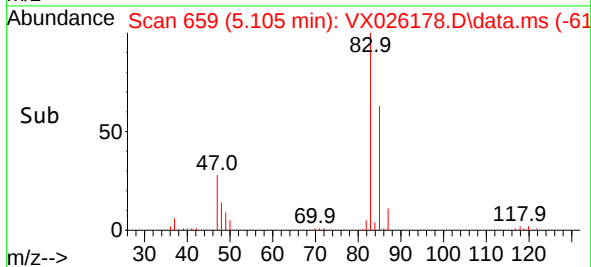
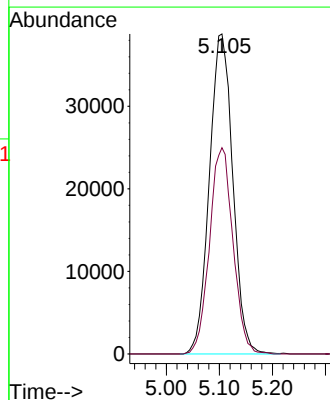
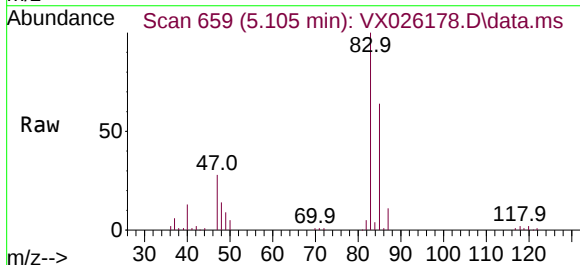
Acq: 30 Dec 2021 19:06

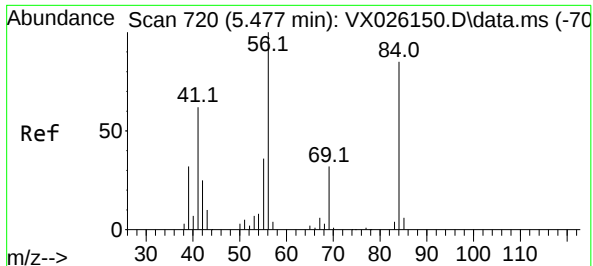
Tgt Ion: 83 Resp: 118912

Ion Ratio Lower Upper

83 100

85 64.5 50.6 75.8

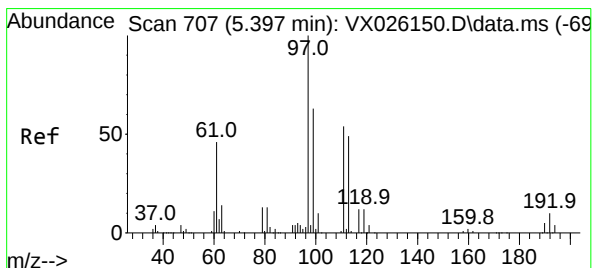
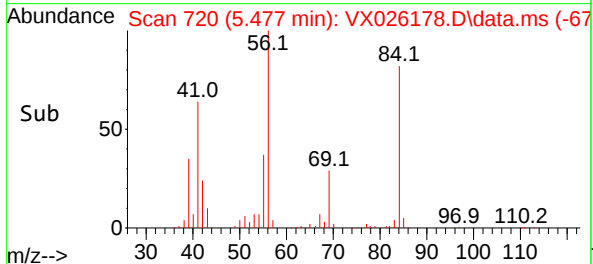
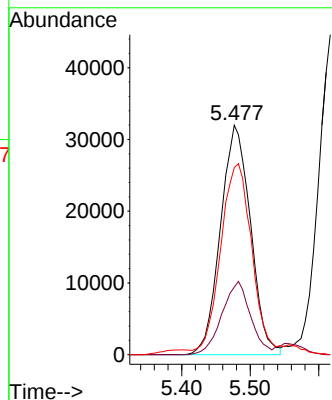
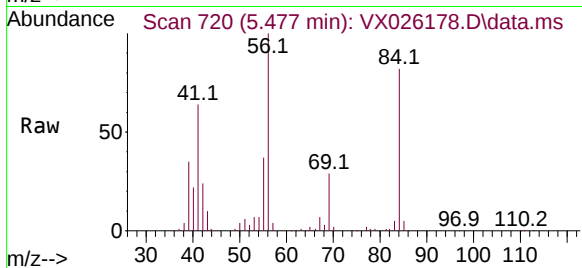




#31  
Cyclohexane  
Concen: 45.991 ug/l  
RT: 5.477 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

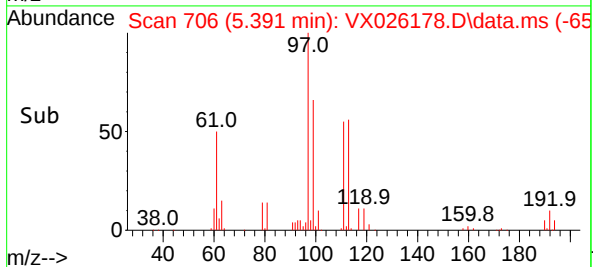
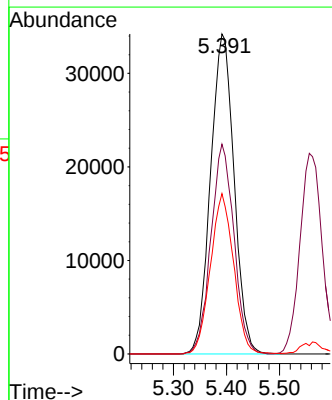
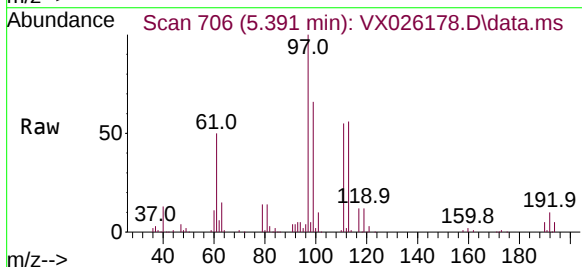
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

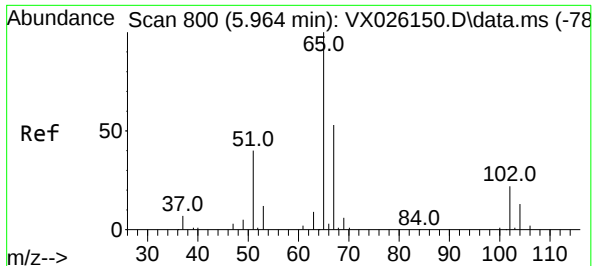
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 97380 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 29.4  | 23.9  | 35.9  |
| 84       | 79.4  | 73.2  | 109.8 |



#32  
1,1,1-Trichloroethane  
Concen: 49.207 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 105254 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.5  | 51.5  | 77.3   |
| 61       | 49.5  | 35.5  | 53.3   |





#33

1,2-Dichloroethane-d4

Concen: 48.853 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

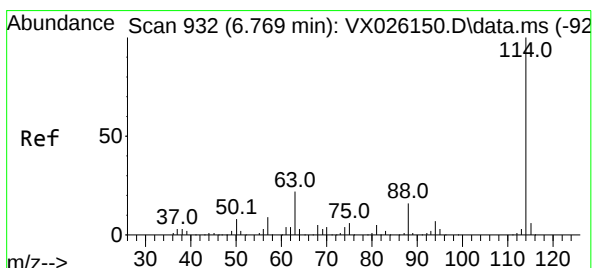
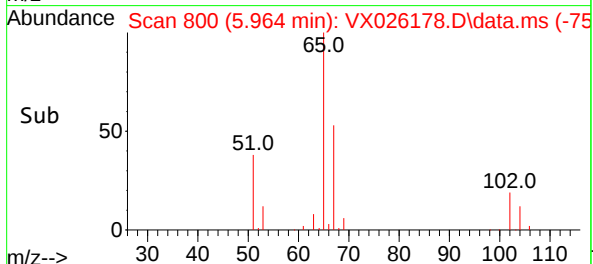
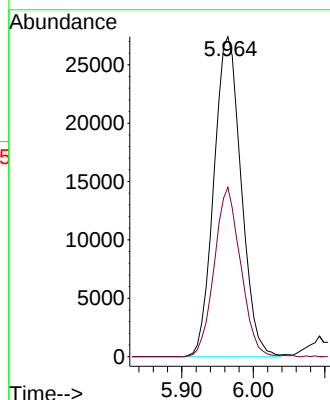
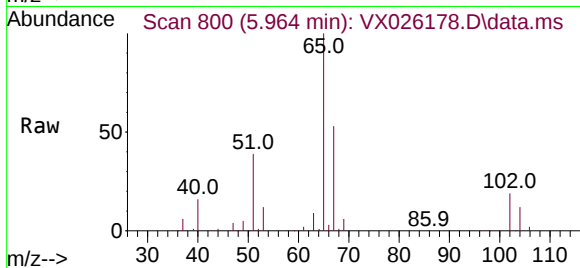
MW-1S-122121MSD

Tgt Ion: 65 Resp: 72635

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

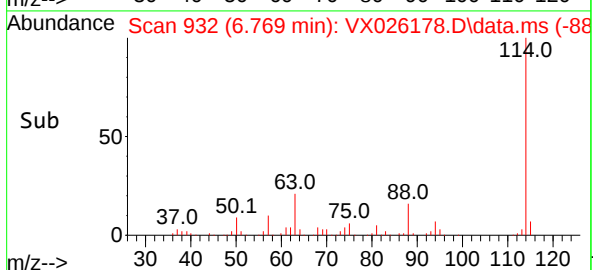
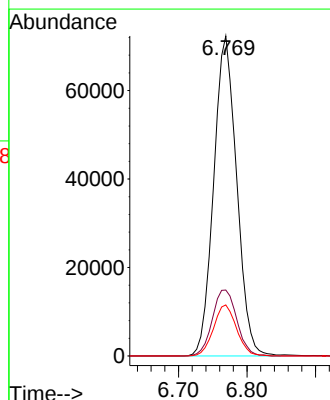
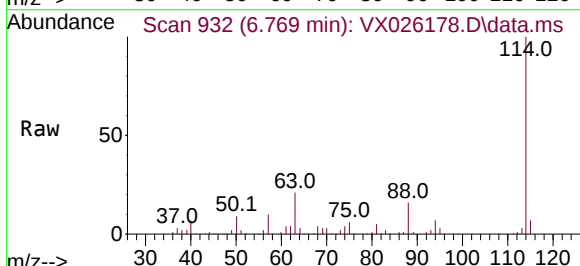
Tgt Ion: 114 Resp: 168242

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.550 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

MW-1S-122121MSD

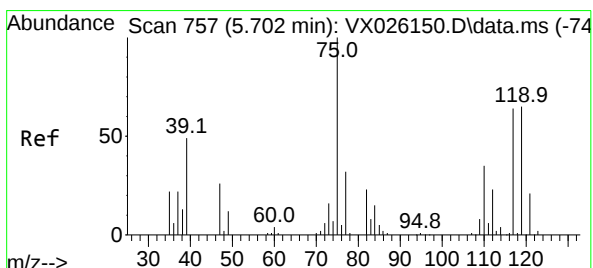
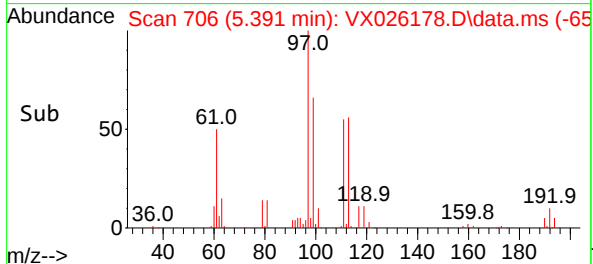
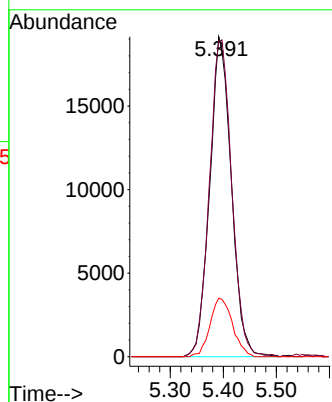
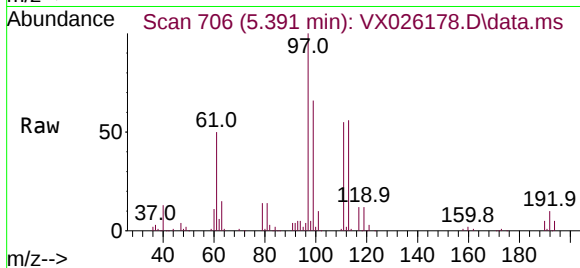
Tgt Ion:113 Resp: 54198

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 19.1 15.0 22.4



#36

1,1-Dichloropropene

Concen: 47.962 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

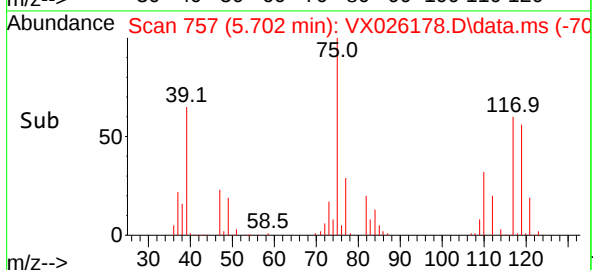
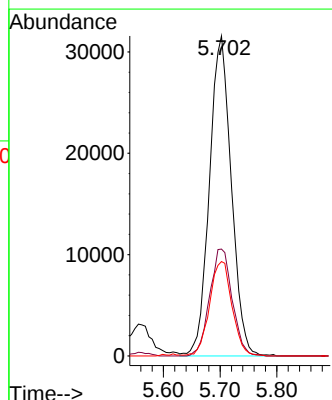
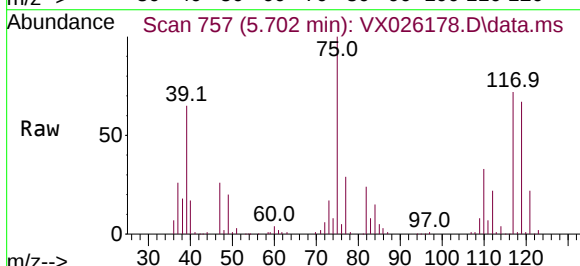
Tgt Ion: 75 Resp: 84613

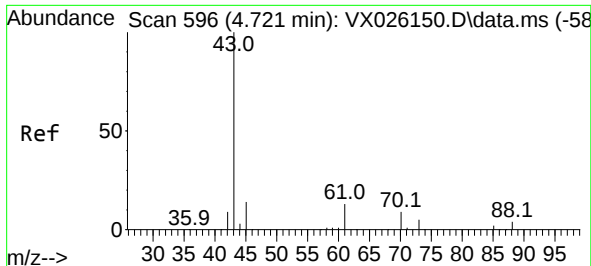
Ion Ratio Lower Upper

75 100

110 34.4 18.2 54.6

77 30.4 24.7 37.1





#37

Ethyl Acetate

Concen: 49.813 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

MW-1S-122121MSD

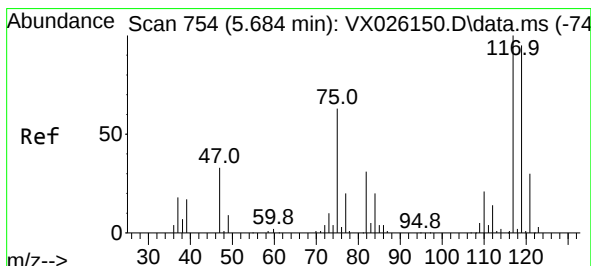
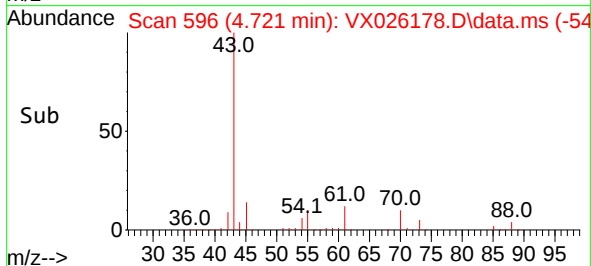
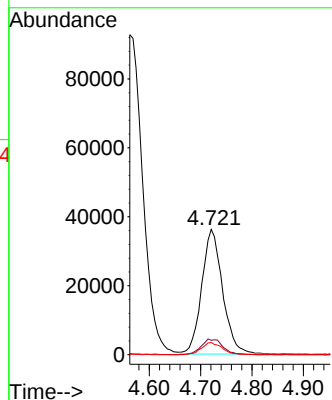
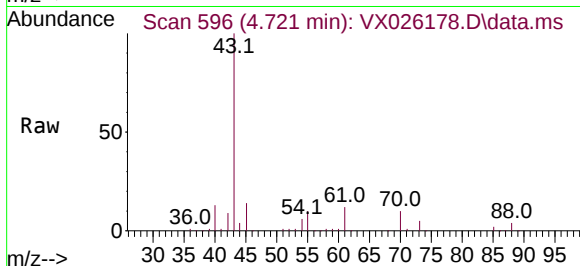
Tgt Ion: 43 Resp: 101895

Ion Ratio Lower Upper

43 100

61 13.1 10.7 16.1

70 9.6 8.5 12.7



#38

Carbon Tetrachloride

Concen: 48.872 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

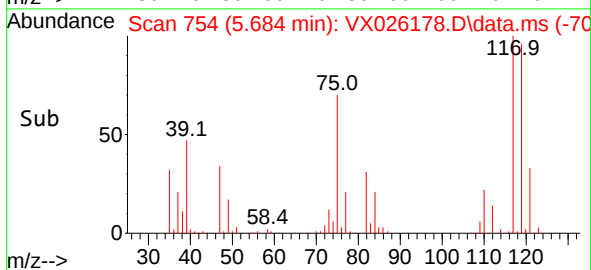
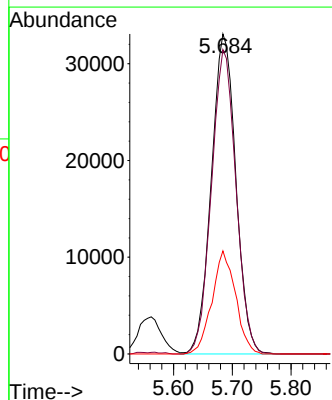
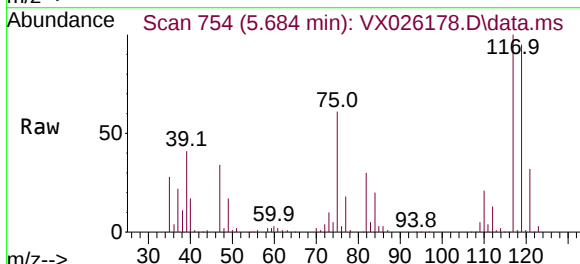
Tgt Ion: 117 Resp: 95906

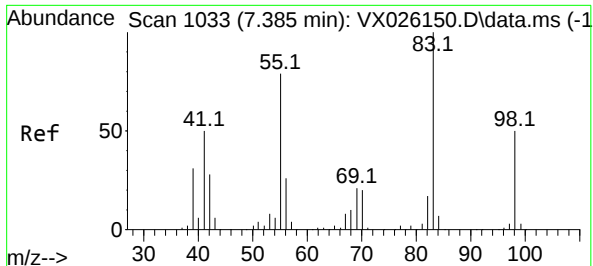
Ion Ratio Lower Upper

117 100

119 95.1 77.2 115.8

121 32.2 23.8 35.8





#39

Methylcyclohexane

Concen: 45.996 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

MW-1S-122121MSD

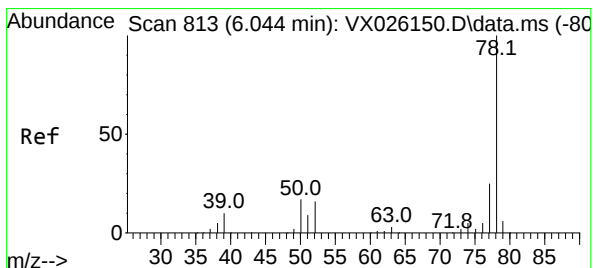
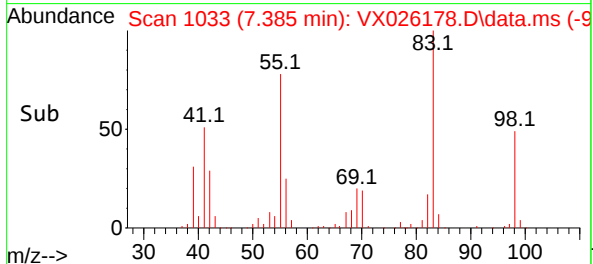
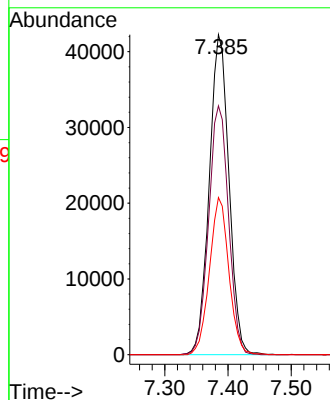
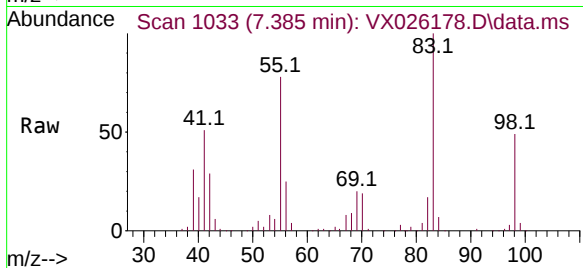
Tgt Ion: 83 Resp: 91532

Ion Ratio Lower Upper

83 100

55 77.8 57.8 86.8

98 49.1 40.5 60.7



#40

Benzene

Concen: 48.062 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX026178.D

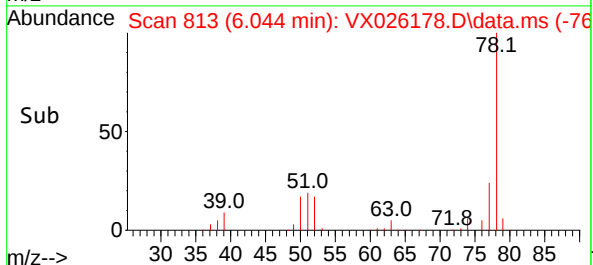
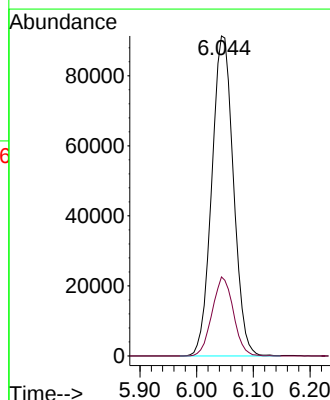
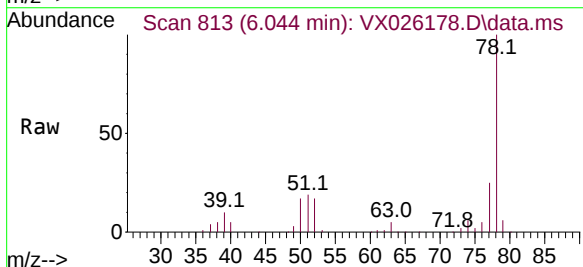
Acq: 30 Dec 2021 19:06

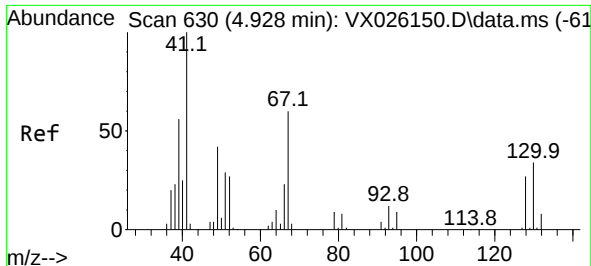
Tgt Ion: 78 Resp: 241991

Ion Ratio Lower Upper

78 100

77 24.7 18.6 27.8

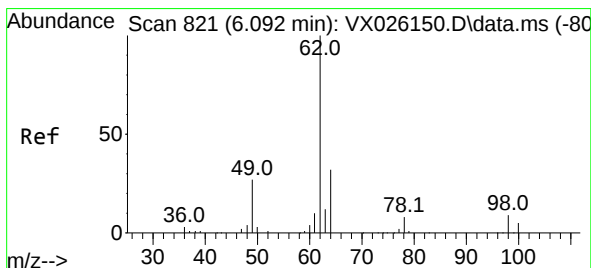
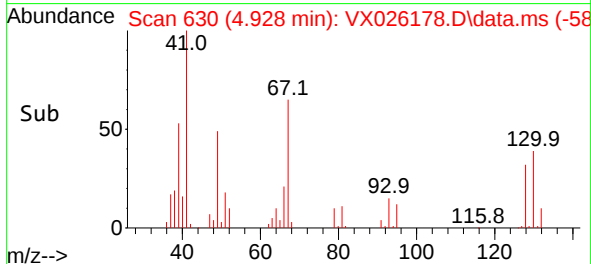
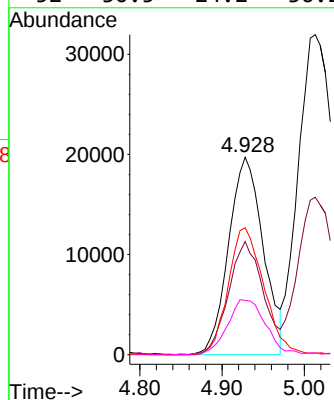
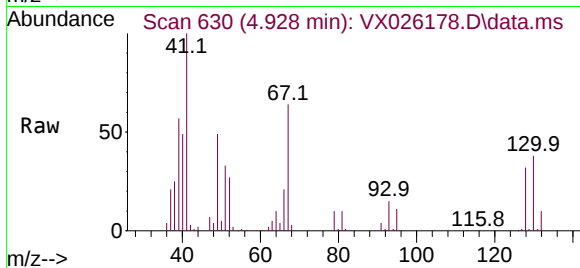




#41  
Methacrylonitrile  
Concen: 50.164 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

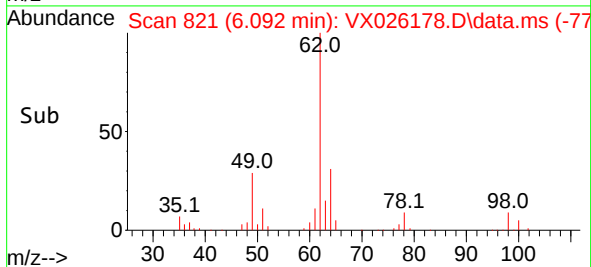
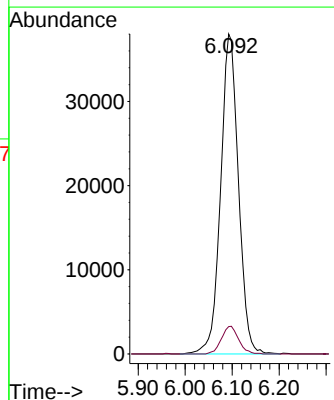
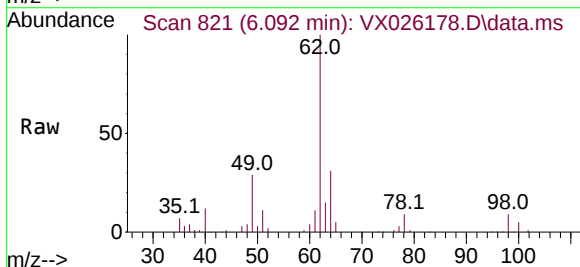
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

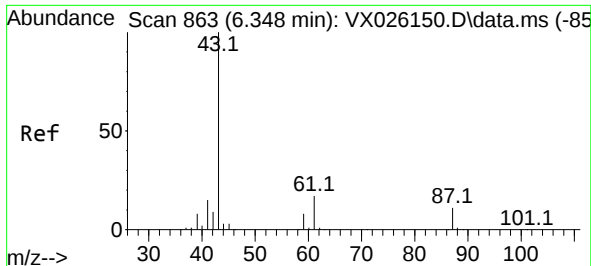
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 57946 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.4  | 44.2  | 66.2  |
| 67       | 66.2  | 59.7  | 89.5  |
| 52       | 30.5  | 24.2  | 36.2  |



#42  
1,2-Dichloroethane  
Concen: 49.202 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 100258 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.4   | 0.0   | 18.8   |

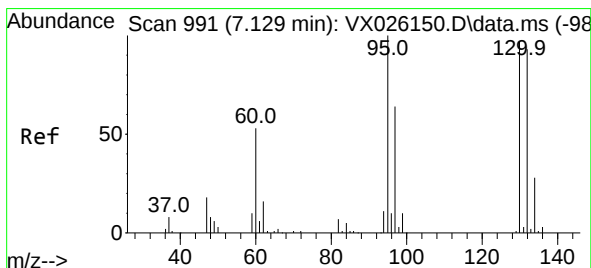
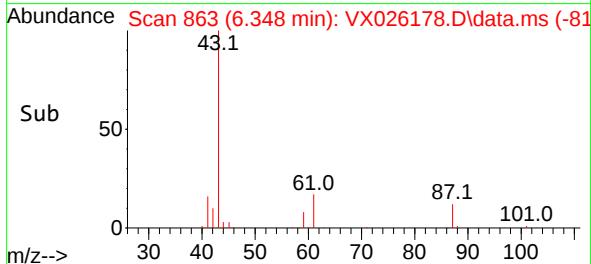
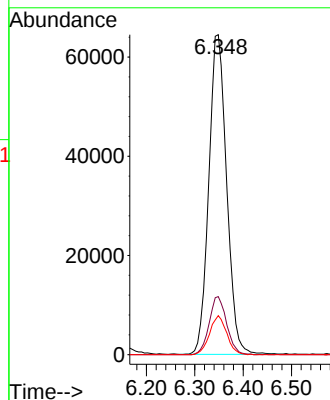
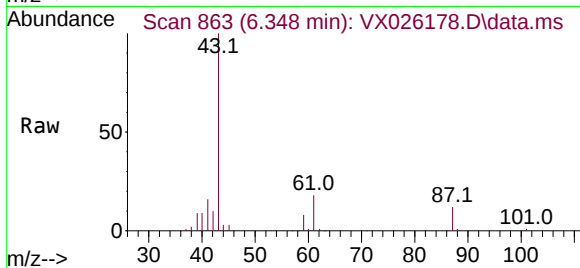




#43  
Isopropyl Acetate  
Concen: 49.563 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

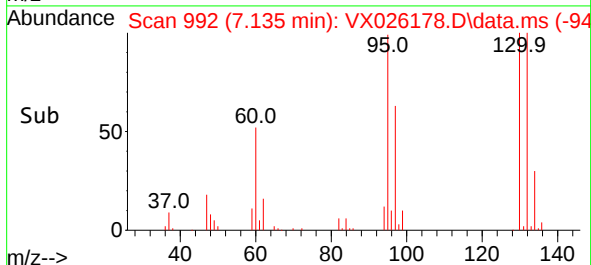
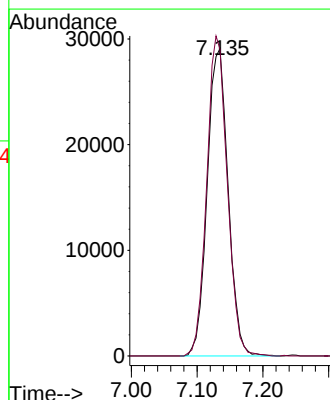
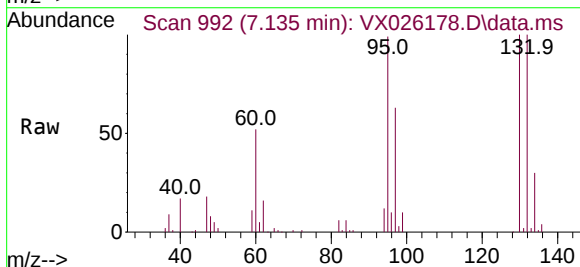
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

Tgt Ion: 43 Resp: 165234  
Ion Ratio Lower Upper  
43 100  
61 17.8 15.7 23.5  
87 11.7 11.2 16.8



#44  
Trichloroethene  
Concen: 47.474 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion:130 Resp: 64318  
Ion Ratio Lower Upper  
130 100  
95 99.7 0.0 186.4





#45

1,2-Dichloropropane

Concen: 49.203 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

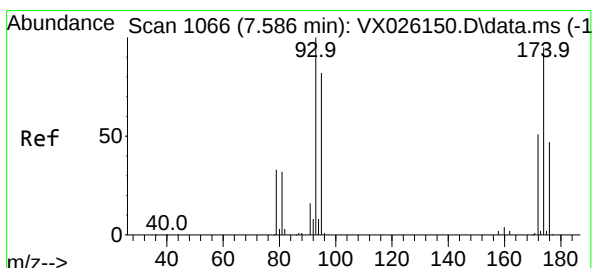
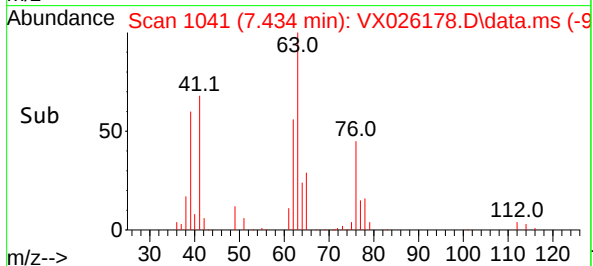
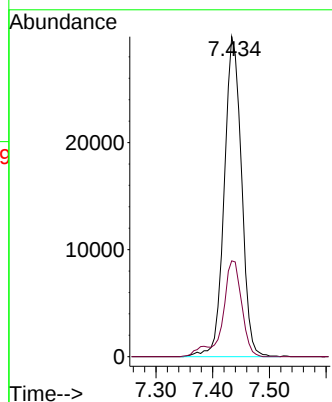
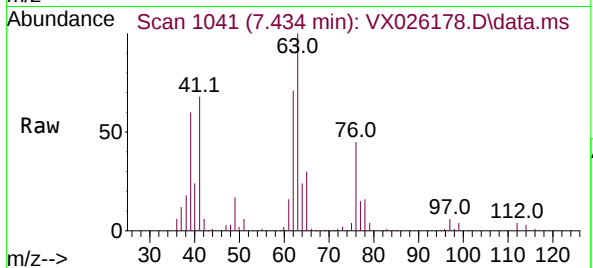
MW-1S-122121MSD

Tgt Ion: 63 Resp: 63366

Ion Ratio Lower Upper

63 100

65 30.0 25.8 38.6



#46

Dibromomethane

Concen: 48.649 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

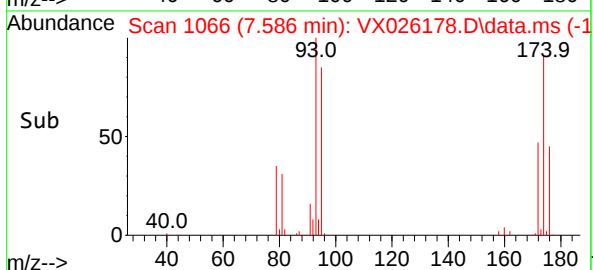
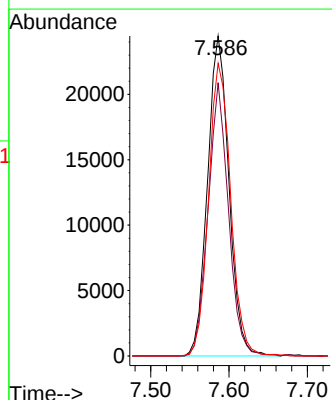
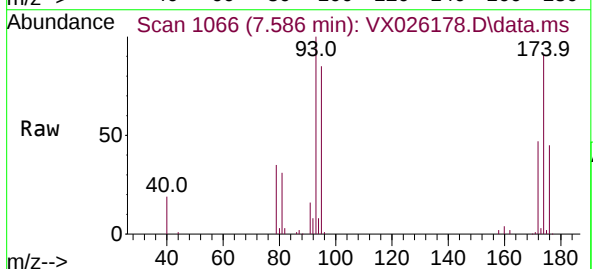
Tgt Ion: 93 Resp: 46472

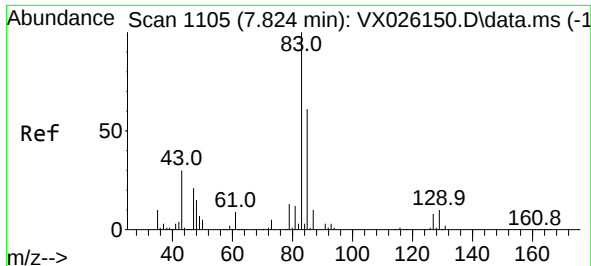
Ion Ratio Lower Upper

93 100

95 81.1 66.6 100.0

174 94.4 77.3 115.9

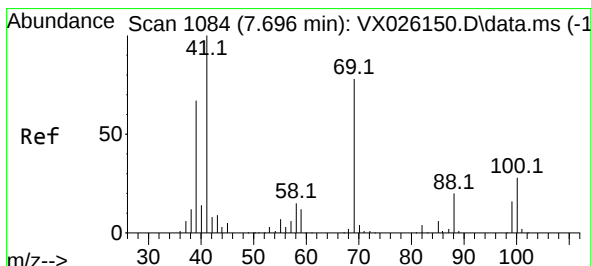
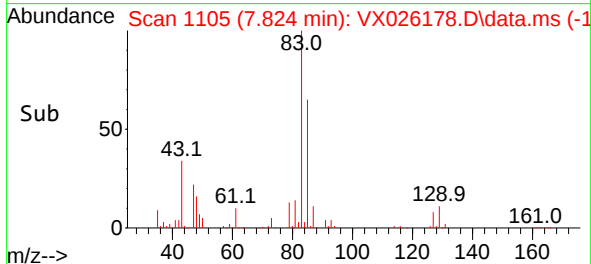
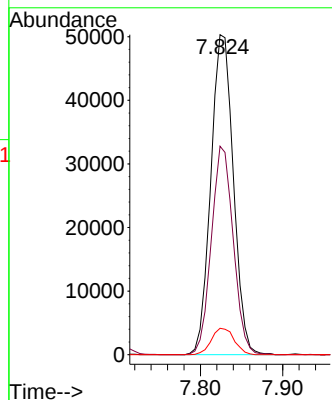
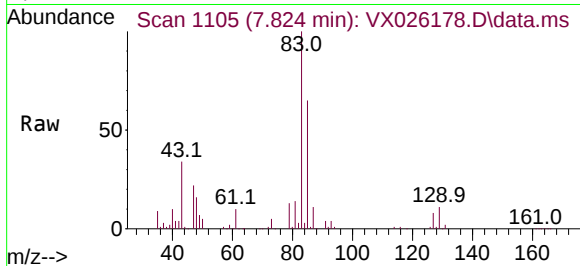




#47  
Bromodichloromethane  
Concen: 49.316 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

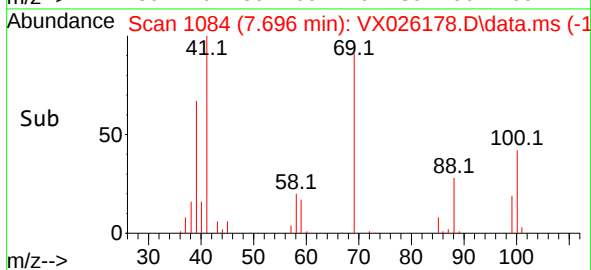
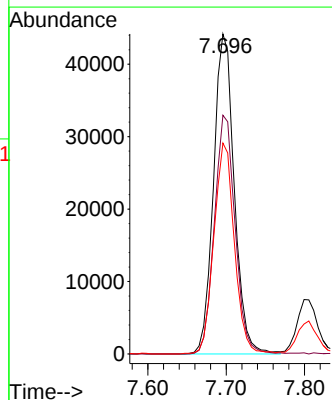
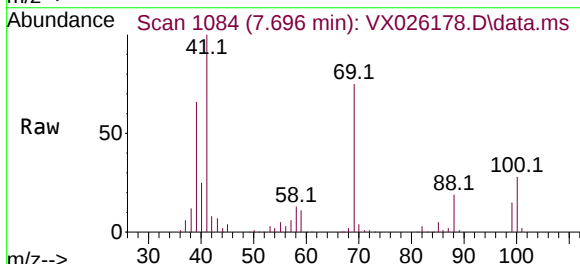
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

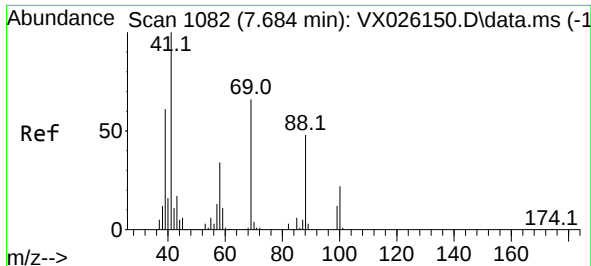
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 95845 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 65.2     | 53.5 80.3   |
| 127 8.3     | 6.6 10.0    |



#48  
Methyl methacrylate  
Concen: 50.908 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 81396 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 69 74.7     | 67.3 100.9  |
| 39 65.2     | 50.2 75.2   |





#49

1,4-Dioxane

Concen: 1010.767 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.007 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

MW-1S-122121MSD

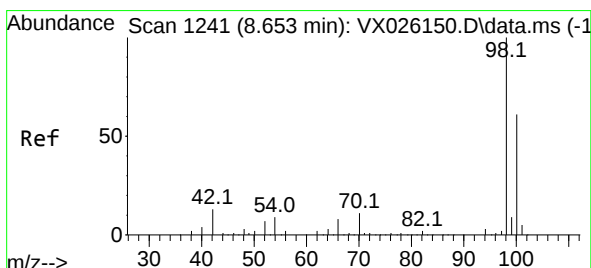
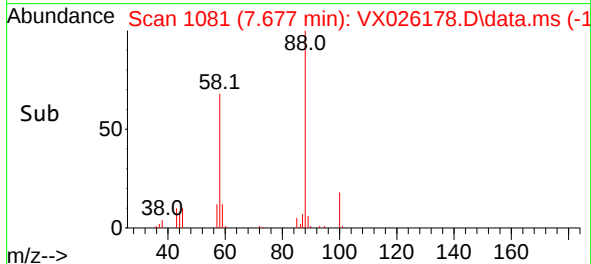
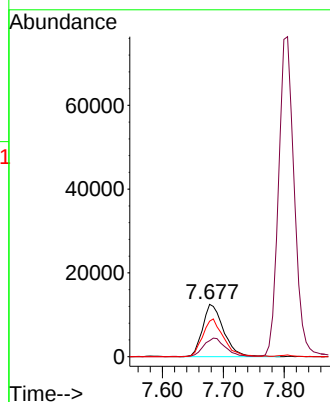
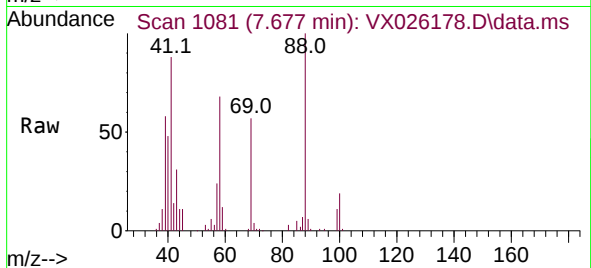
Tgt Ion: 88 Resp: 29782

Ion Ratio Lower Upper

88 100

43 37.2 25.3 37.9

58 71.4 51.8 77.6



#50

Toluene-d8

Concen: 47.907 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026178.D

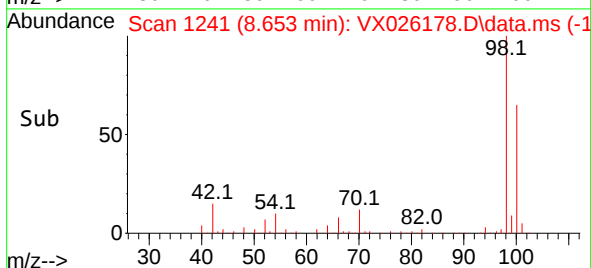
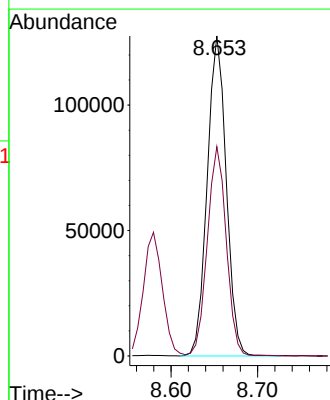
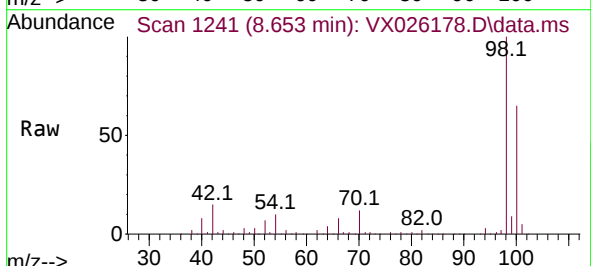
Acq: 30 Dec 2021 19:06

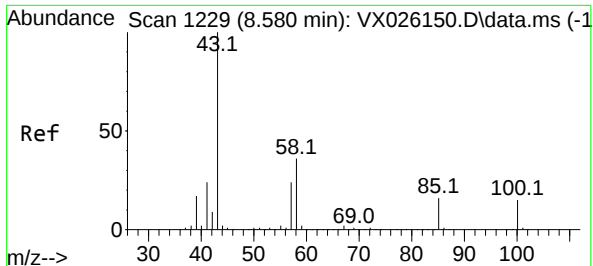
Tgt Ion: 98 Resp: 194909

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8

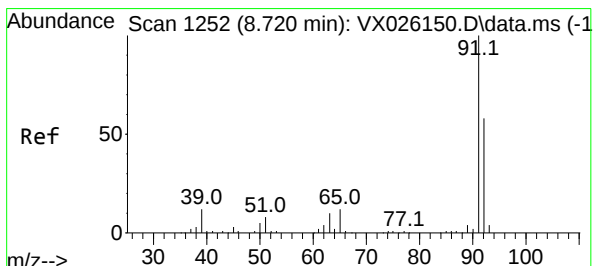
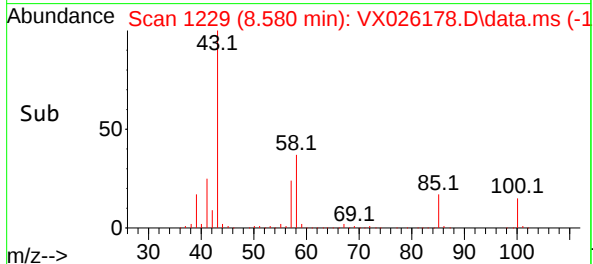
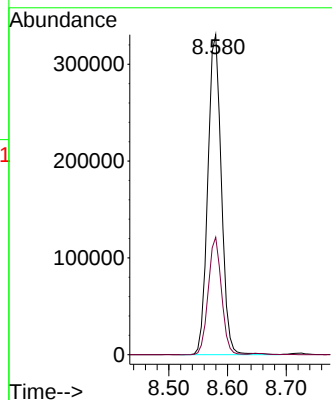
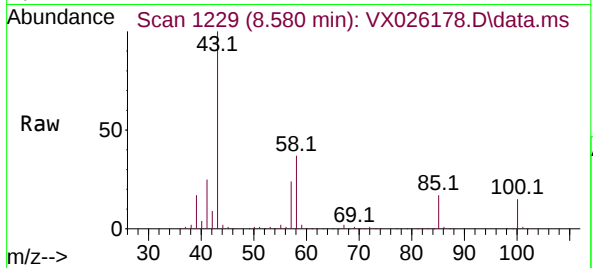




#51  
4-Methyl-2-Pentanone  
Concen: 254.284 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

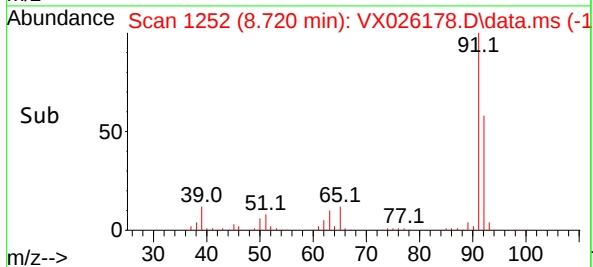
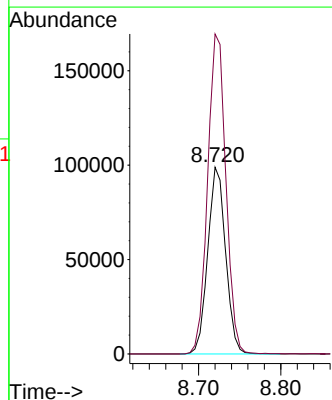
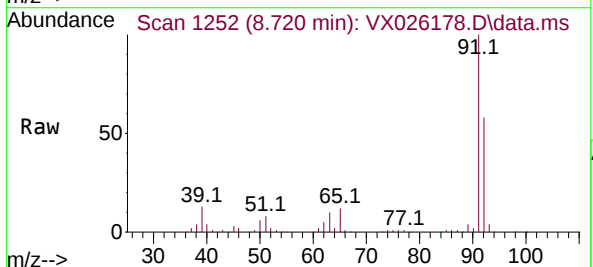
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

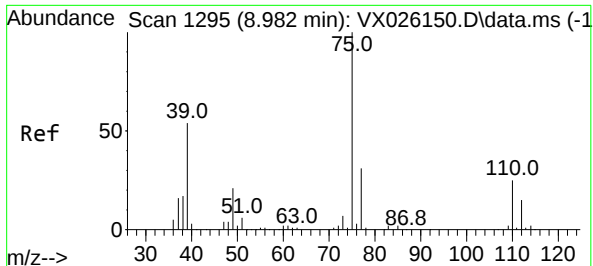
Tgt Ion: 43 Resp: 527552  
Ion Ratio Lower Upper  
43 100  
58 35.9 30.8 46.2



#52  
Toluene  
Concen: 48.134 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion: 92 Resp: 149200  
Ion Ratio Lower Upper  
92 100  
91 175.1 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 45.918 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

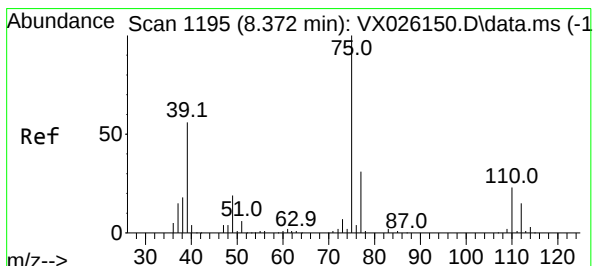
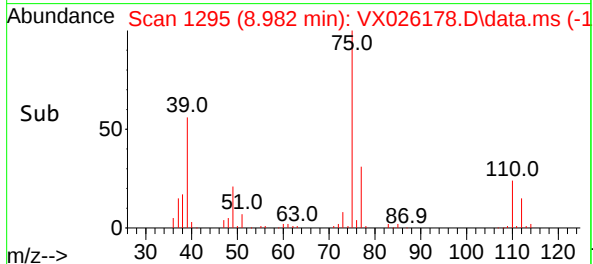
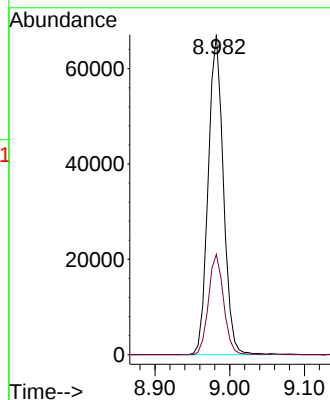
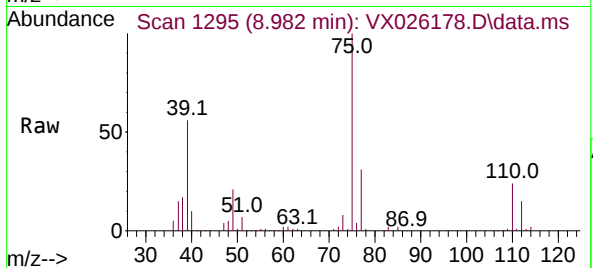
MW-1S-122121MSD

Tgt Ion: 75 Resp: 94578

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 49.407 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

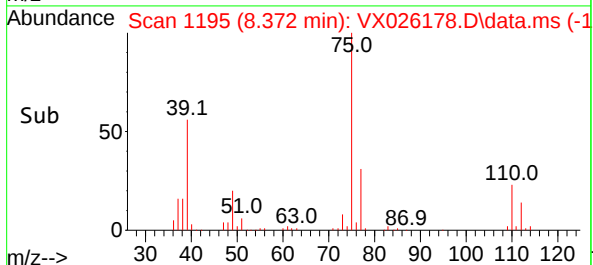
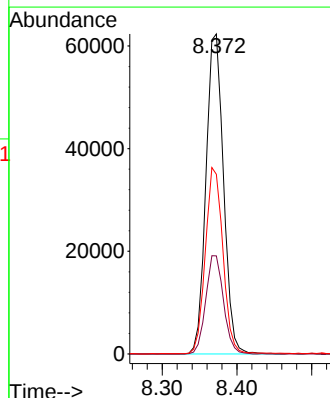
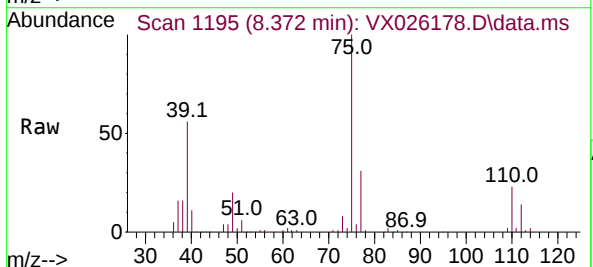
Tgt Ion: 75 Resp: 101488

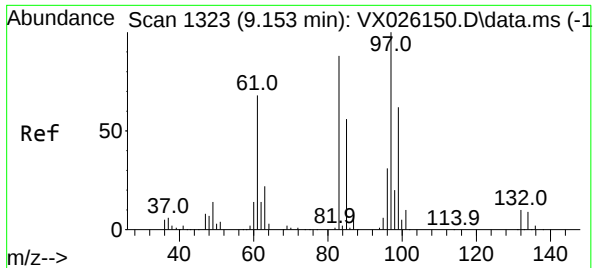
Ion Ratio Lower Upper

75 100

77 30.6 25.3 37.9

39 56.0 41.4 62.0

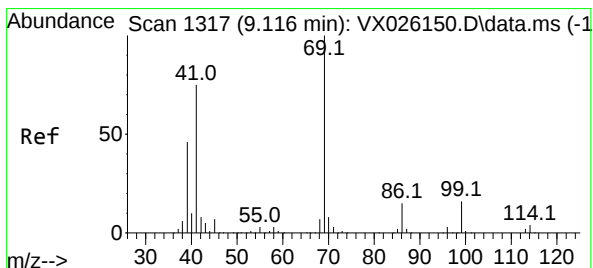
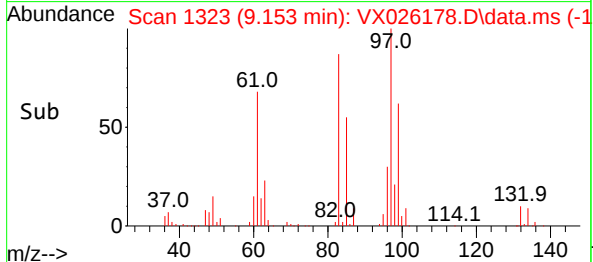
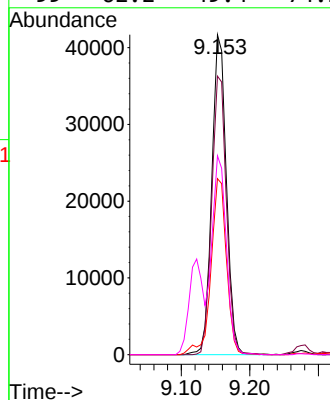
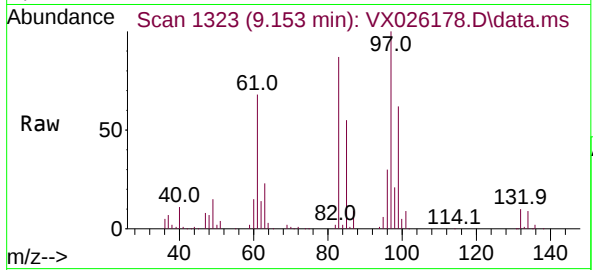




#55  
1,1,2-Trichloroethane  
Concen: 48.412 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

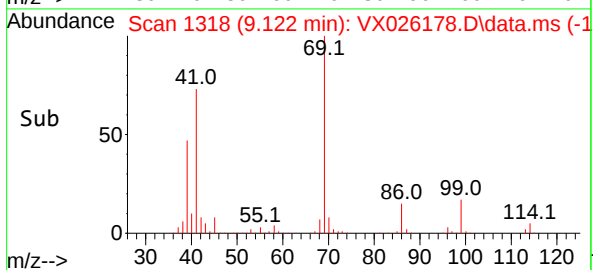
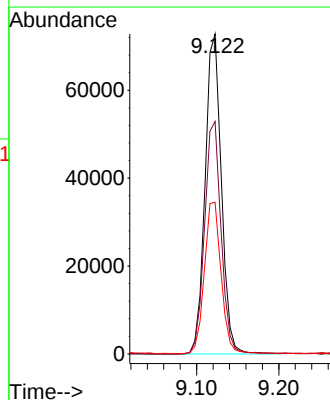
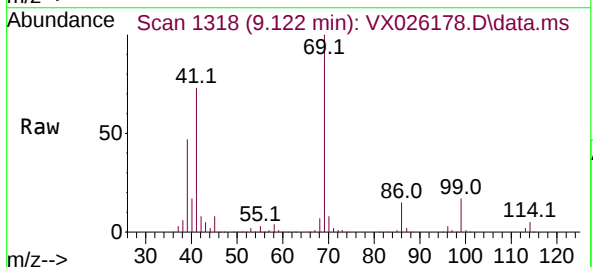
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

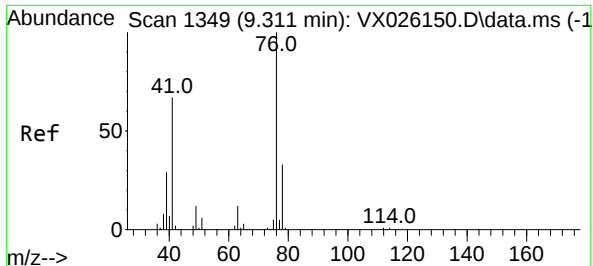
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 61674 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.0  | 70.5  | 105.7 |
| 85       | 55.0  | 43.8  | 65.6  |
| 99       | 62.2  | 49.4  | 74.2  |



#56  
Ethyl methacrylate  
Concen: 50.996 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.006 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 100197 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 73.8  | 52.8  | 79.2   |
| 39       | 48.7  | 32.5  | 48.7   |





#57

1,3-Dichloropropane

Concen: 49.555 ug/l

RT: 9.311 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

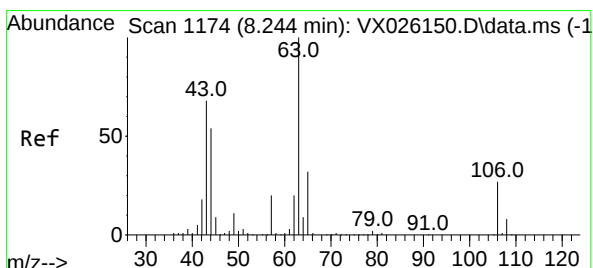
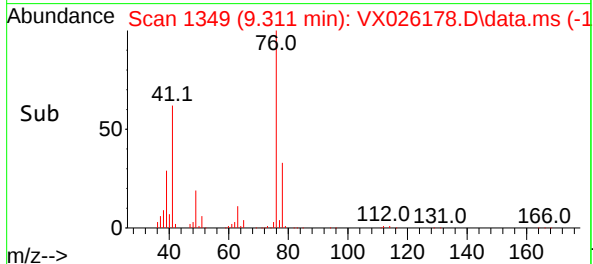
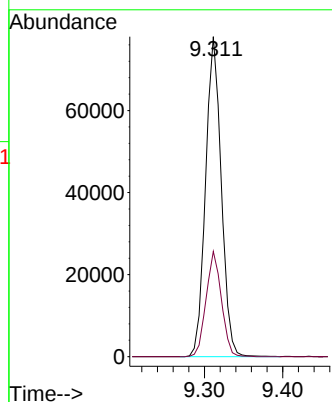
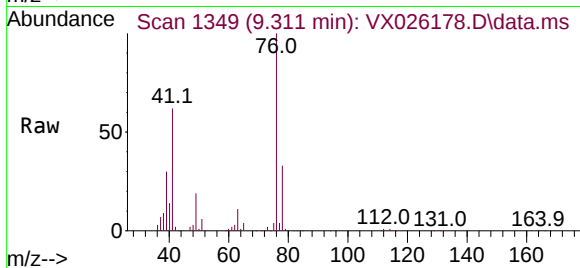
MW-1S-122121MSD

Tgt Ion: 76 Resp: 108137

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 10.485 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.122 min

Lab File: VX026178.D

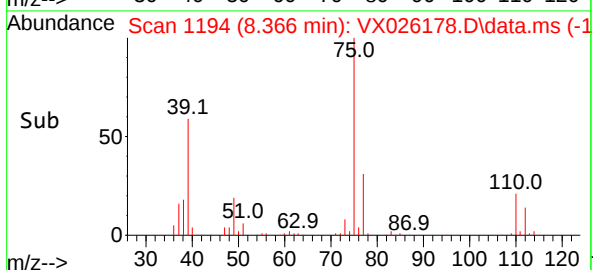
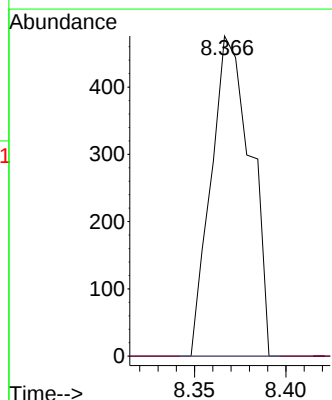
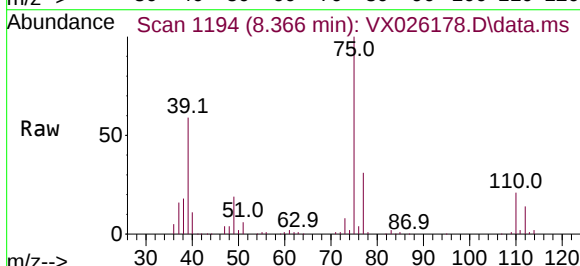
Acq: 30 Dec 2021 19:06

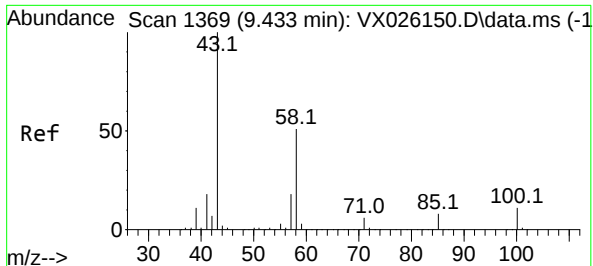
Tgt Ion: 63 Resp: 717

Ion Ratio Lower Upper

63 100

106 0.0 24.4 36.6#





#59

2-Hexanone

Concen: 253.371 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

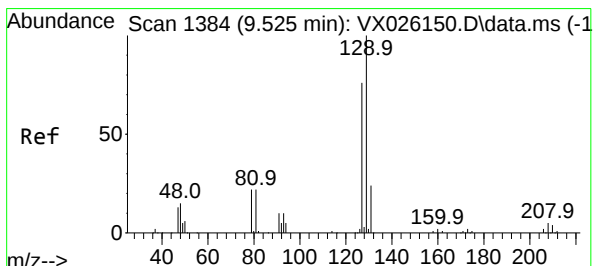
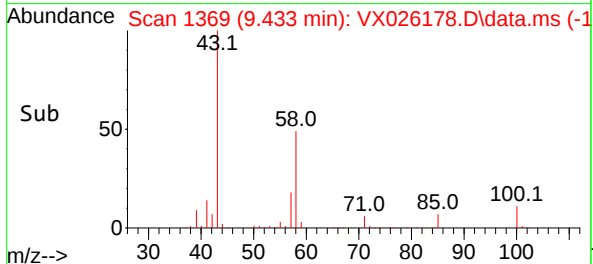
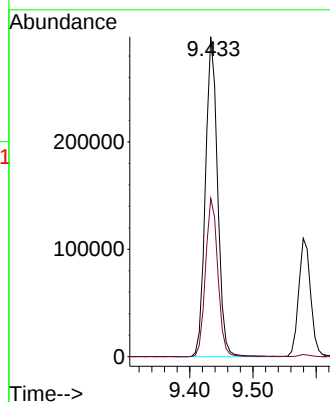
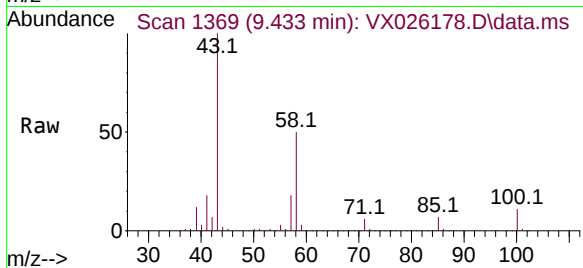
MW-1S-122121MSD

Tgt Ion: 43 Resp: 398177

Ion Ratio Lower Upper

43 100

58 50.3 26.9 80.6



#60

Dibromochloromethane

Concen: 50.503 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX026178.D

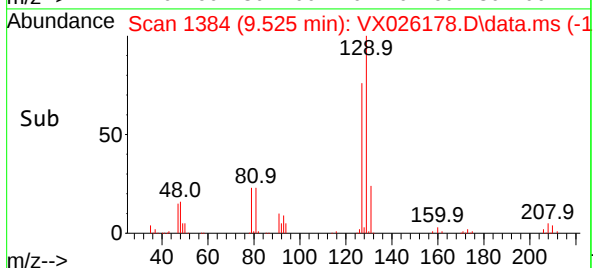
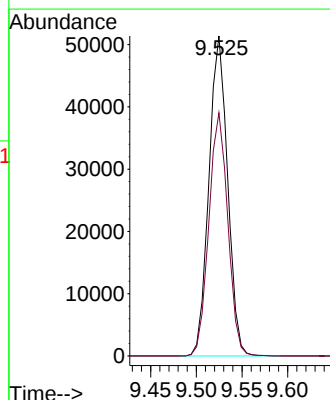
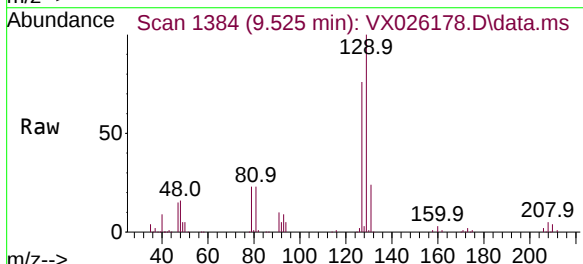
Acq: 30 Dec 2021 19:06

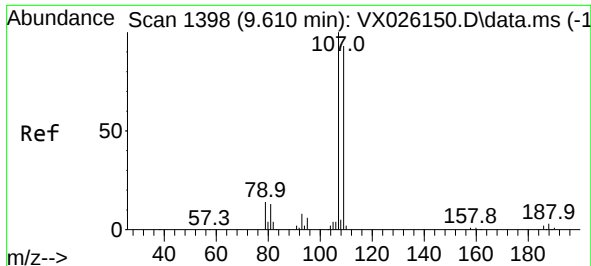
Tgt Ion: 129 Resp: 72884

Ion Ratio Lower Upper

129 100

127 76.9 38.6 115.7

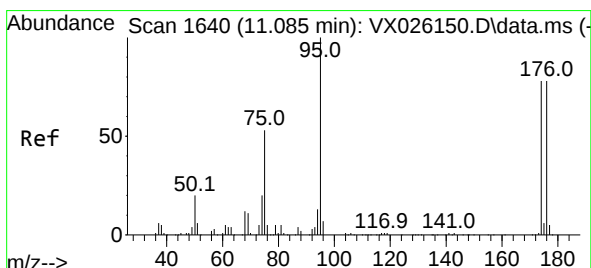
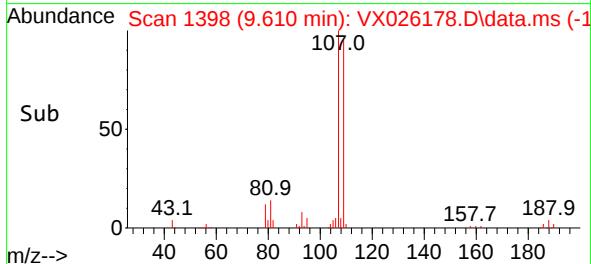
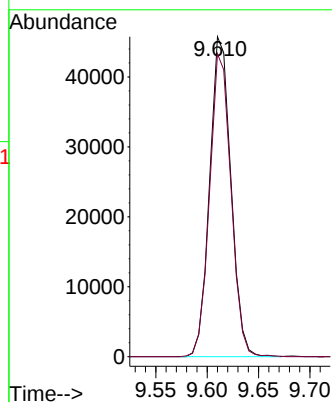
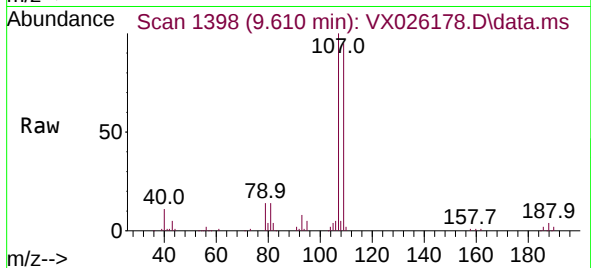




#61  
1,2-Dibromoethane  
Concen: 48.382 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

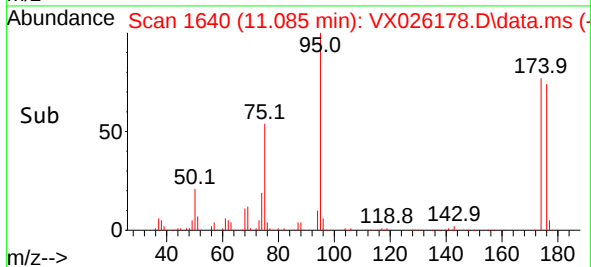
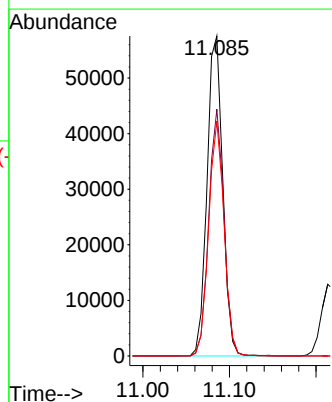
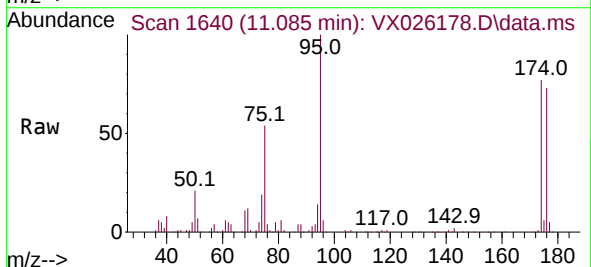
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

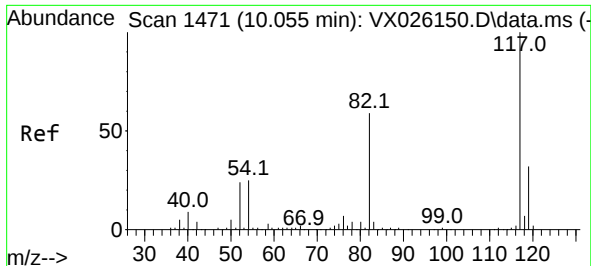
Tgt Ion:107 Resp: 65948  
Ion Ratio Lower Upper  
107 100  
109 95.0 75.1 112.7



#62  
4-Bromofluorobenzene  
Concen: 49.980 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion: 95 Resp: 72388  
Ion Ratio Lower Upper  
95 100  
174 75.0 0.0 157.4  
176 72.0 0.0 154.6

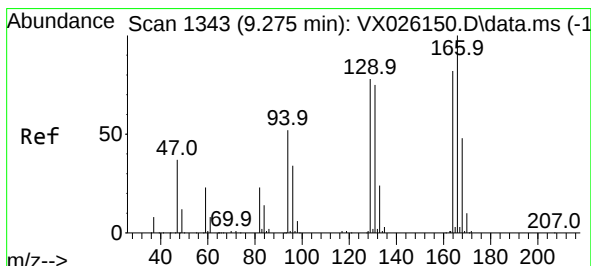
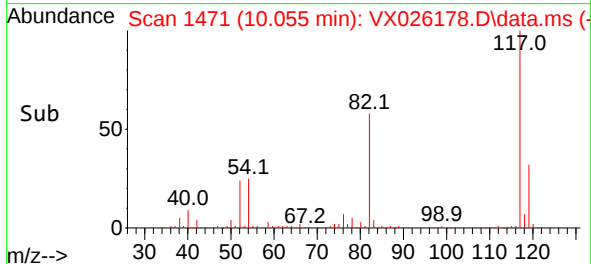
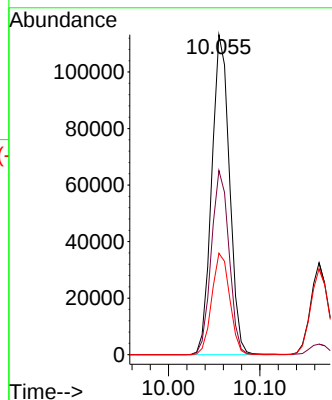
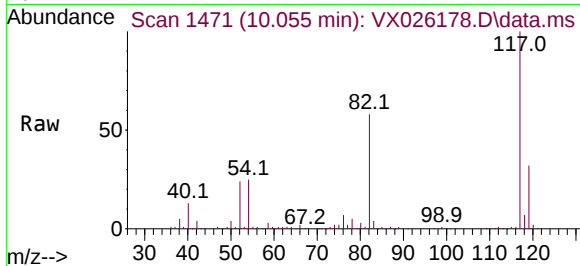




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

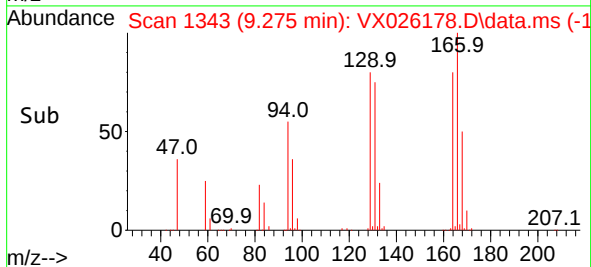
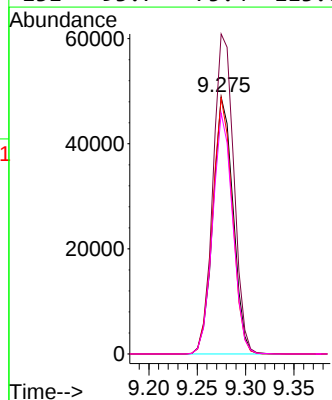
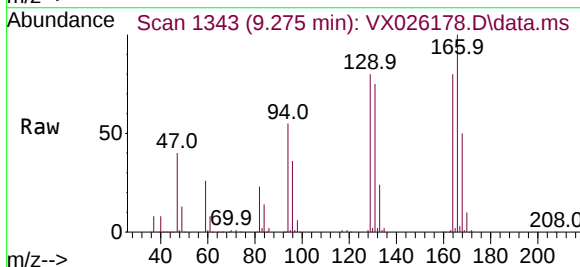
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

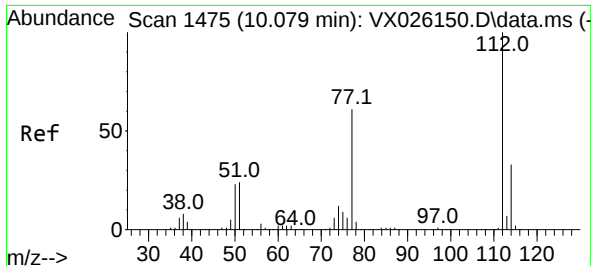
Tgt Ion:117 Resp: 152416  
Ion Ratio Lower Upper  
117 100  
82 57.5 43.8 65.6  
119 31.7 25.2 37.8



#64  
Tetrachloroethene  
Concen: 54.901 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion:164 Resp: 70615  
Ion Ratio Lower Upper  
164 100  
166 124.5 99.4 149.0  
129 99.7 78.6 118.0  
131 93.7 75.4 113.0

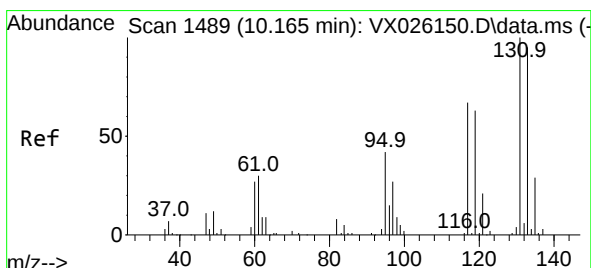
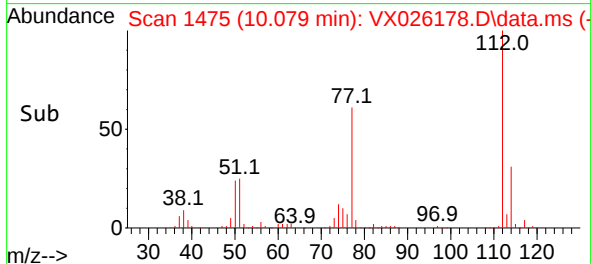
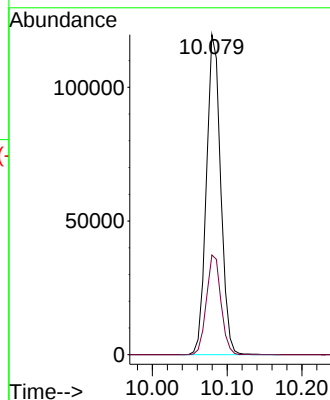
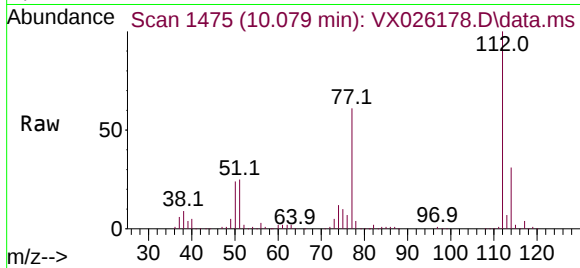




#65  
Chlorobenzene  
Concen: 47.333 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

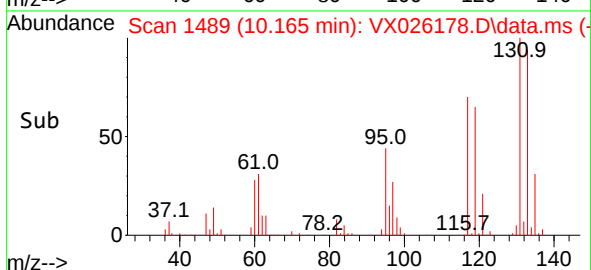
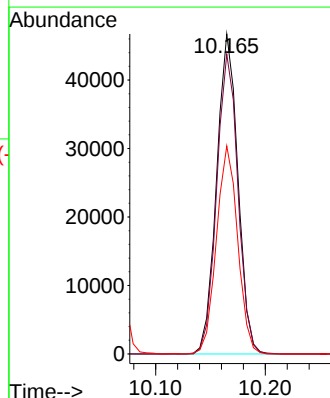
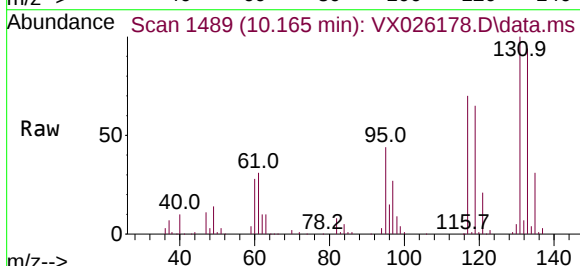
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

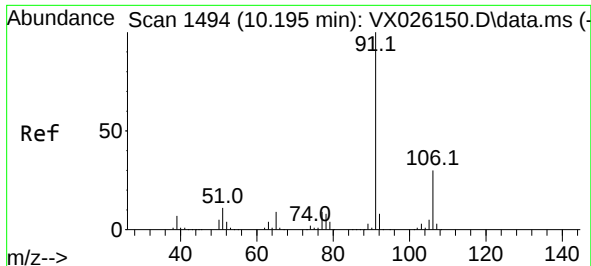
Tgt Ion:112 Resp: 158482  
Ion Ratio Lower Upper  
112 100  
114 31.2 26.6 39.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.333 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion:131 Resp: 62942  
Ion Ratio Lower Upper  
131 100  
133 93.8 47.1 141.3  
119 64.9 31.9 95.9





#67

Ethyl Benzene

Concen: 48.860 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

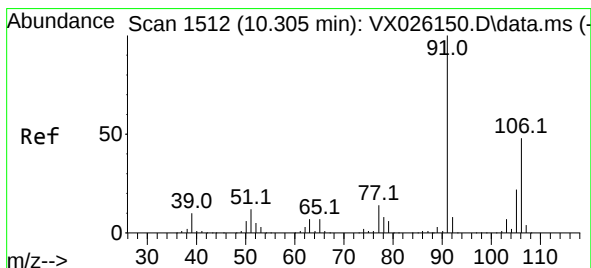
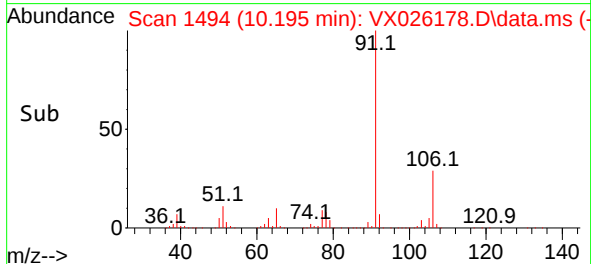
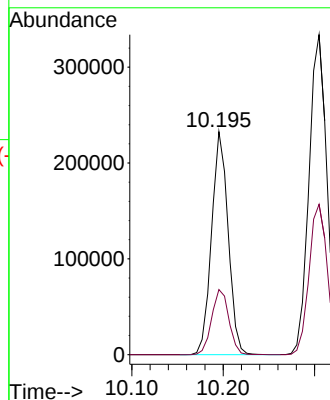
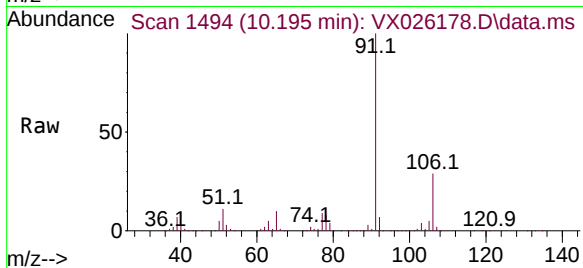
MW-1S-122121MSD

Tgt Ion: 91 Resp: 292514

Ion Ratio Lower Upper

91 100

106 29.2 25.7 38.5



#68

m/p-Xylenes

Concen: 97.636 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX026178.D

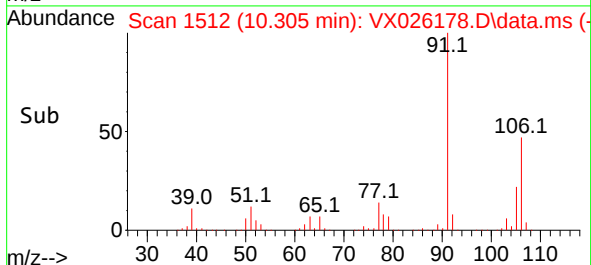
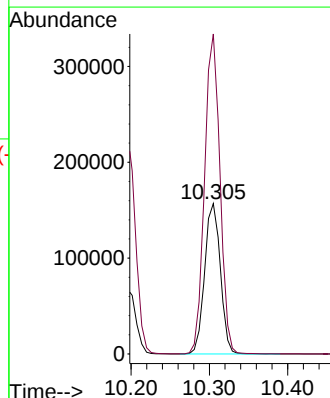
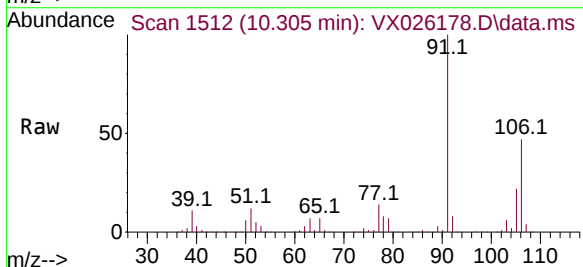
Acq: 30 Dec 2021 19:06

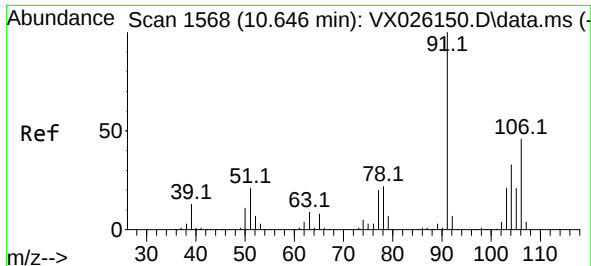
Tgt Ion:106 Resp: 218251

Ion Ratio Lower Upper

106 100

91 208.6 158.6 238.0

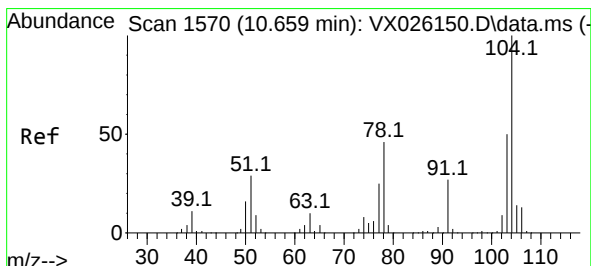
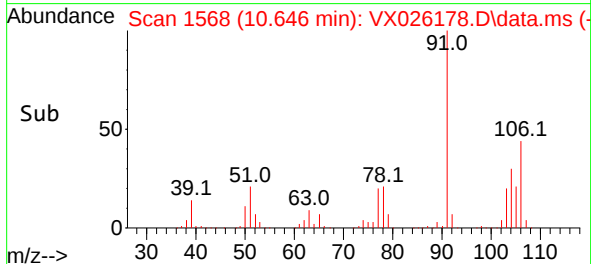
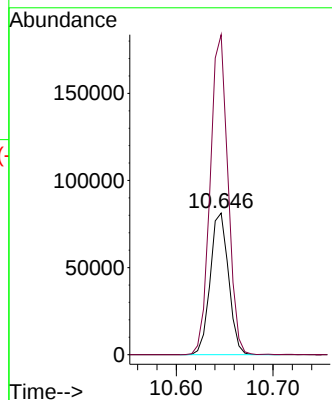
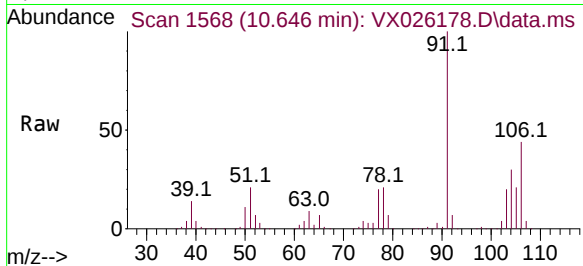




#69  
o-Xylene  
Concen: 48.917 ug/l  
RT: 10.646 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

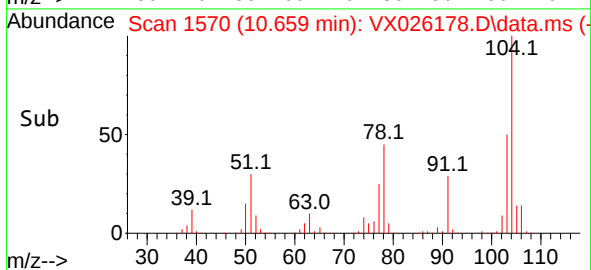
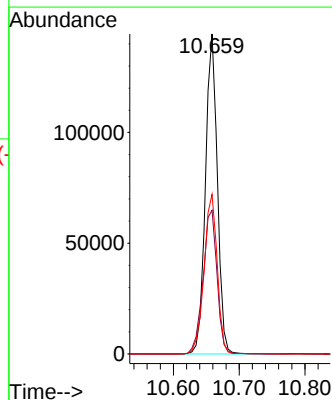
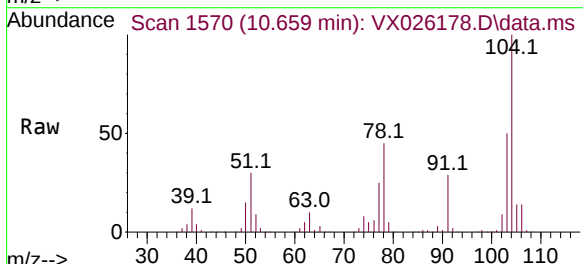
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

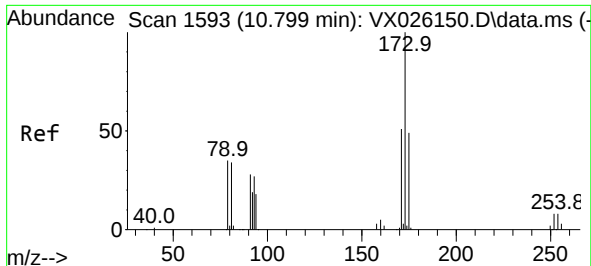
Tgt Ion:106 Resp: 106988  
Ion Ratio Lower Upper  
106 100  
91 219.6 105.5 316.4



#70  
Styrene  
Concen: 50.776 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion:104 Resp: 182058  
Ion Ratio Lower Upper  
104 100  
78 52.6 39.8 59.6  
103 55.1 43.0 64.6

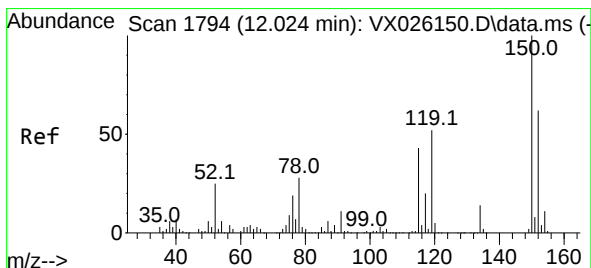
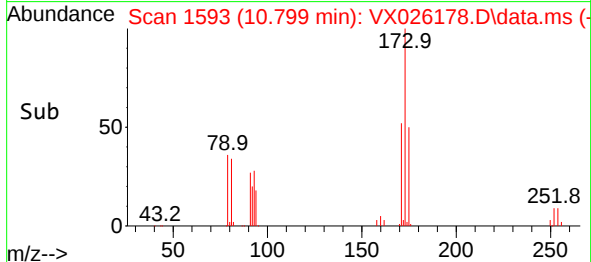
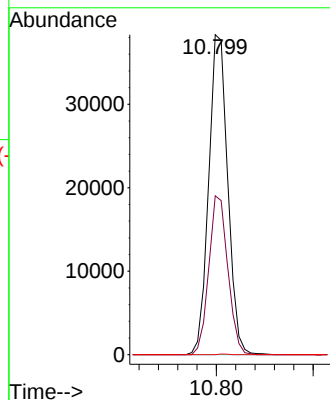
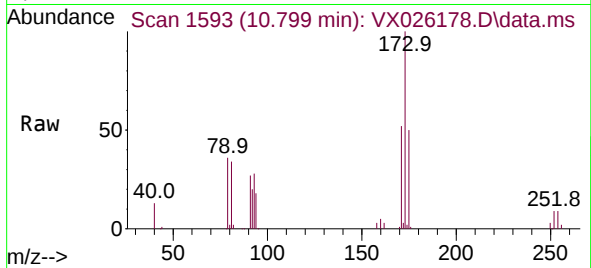




#71  
Bromoform  
Concen: 50.783 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

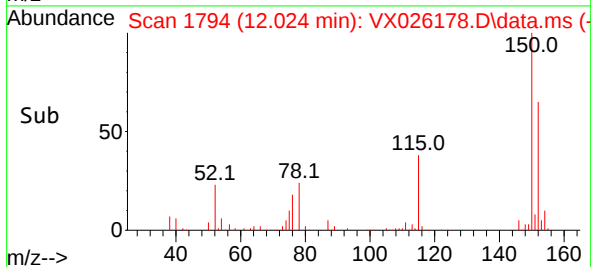
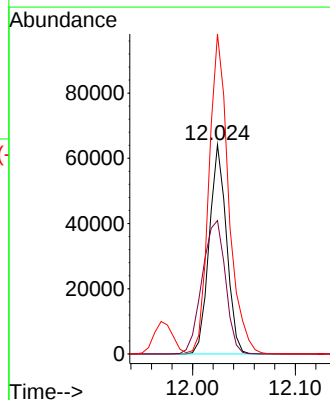
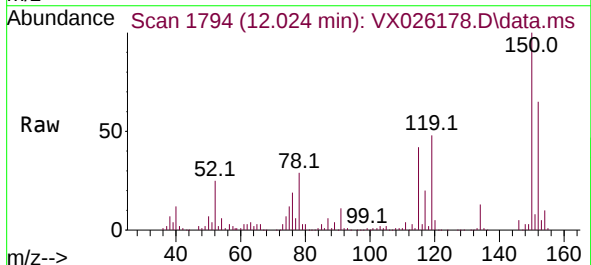
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

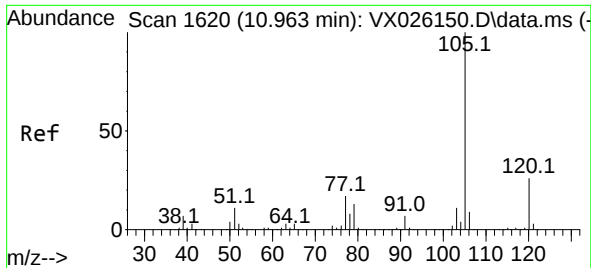
Tgt Ion:173 Resp: 52561  
Ion Ratio Lower Upper  
173 100  
175 49.5 24.4 73.4  
254 0.1 0.1 0.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion:152 Resp: 75147  
Ion Ratio Lower Upper  
152 100  
115 85.6 41.3 123.9  
150 173.6 0.0 351.8

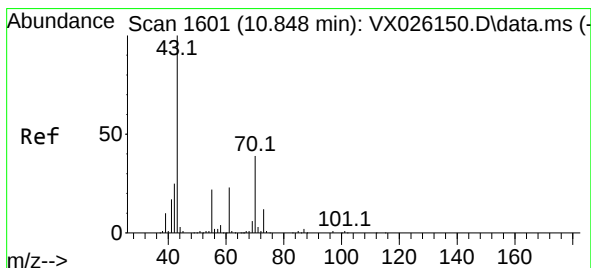
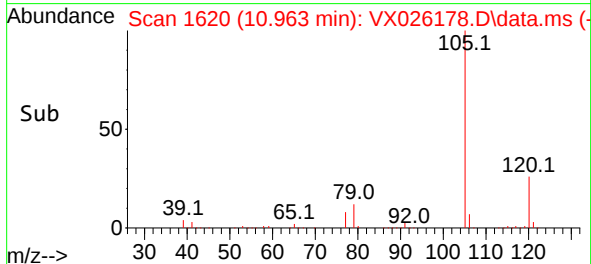
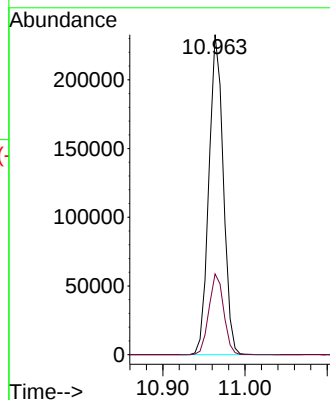
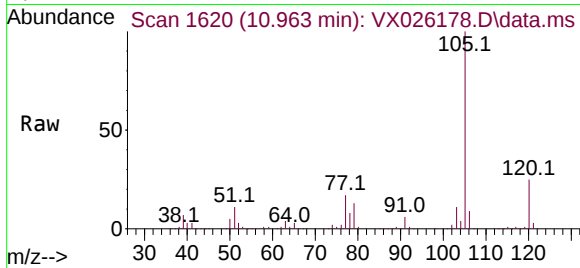




#73  
Isopropylbenzene  
Concen: 48.470 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

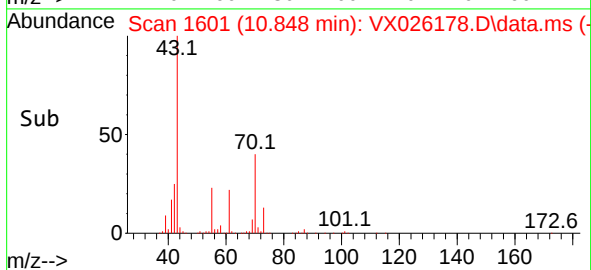
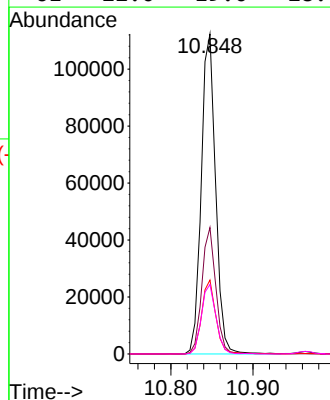
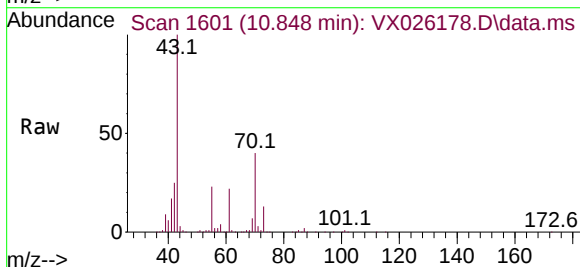
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

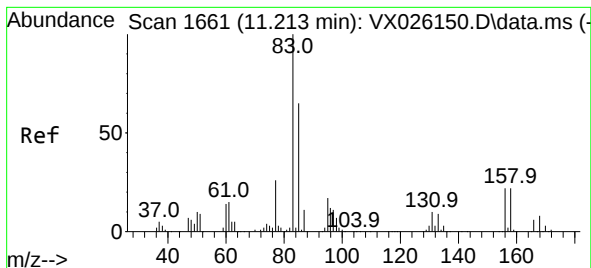
Tgt Ion:105 Resp: 283121  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.6 40.7



#74  
N-ethyl acetate  
Concen: 50.626 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion: 43 Resp: 135786  
Ion Ratio Lower Upper  
43 100  
70 38.5 34.1 51.1  
55 23.0 19.2 28.8  
61 22.0 19.0 28.4





#75

1,1,2-Tetrachloroethane

Concen: 48.533 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

MW-1S-122121MSD

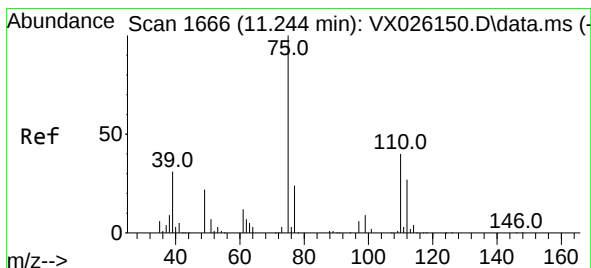
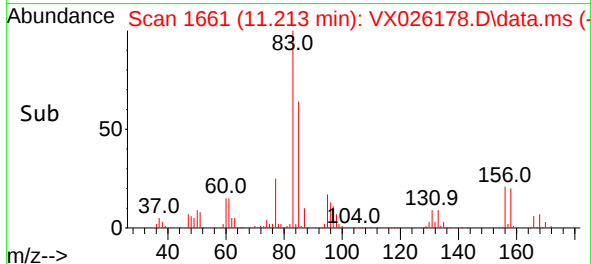
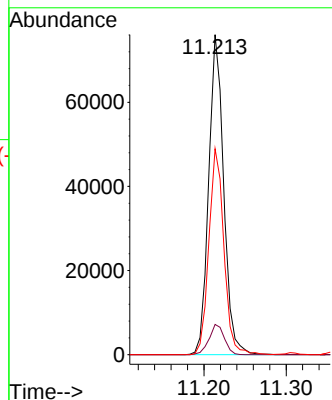
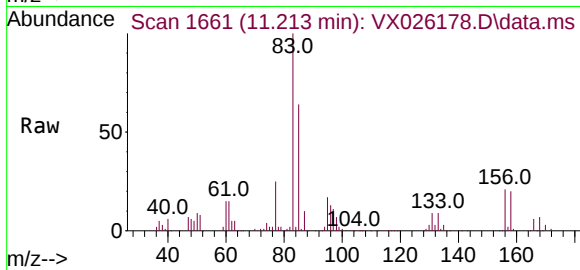
Tgt Ion: 83 Resp: 96413

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.3

85 64.5 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 60.988 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. -0.000 min

Lab File: VX026178.D

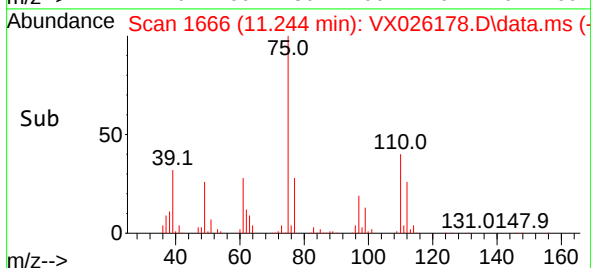
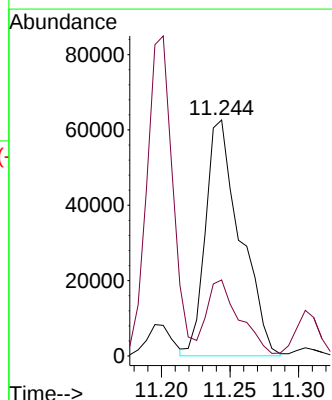
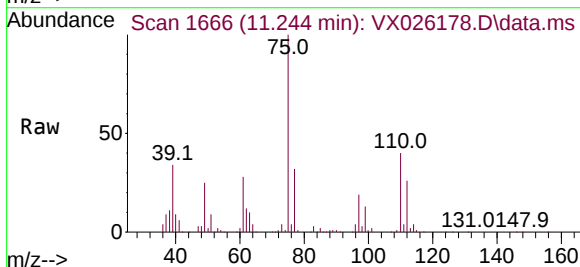
Acq: 30 Dec 2021 19:06

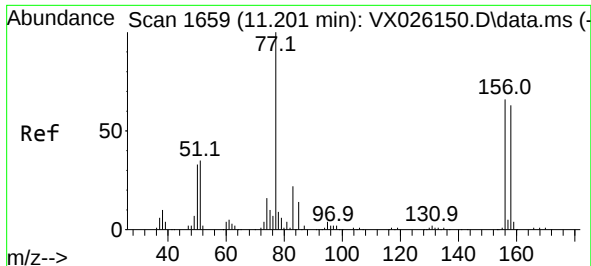
Tgt Ion: 75 Resp: 110624

Ion Ratio Lower Upper

75 100

77 30.0 19.0 57.0

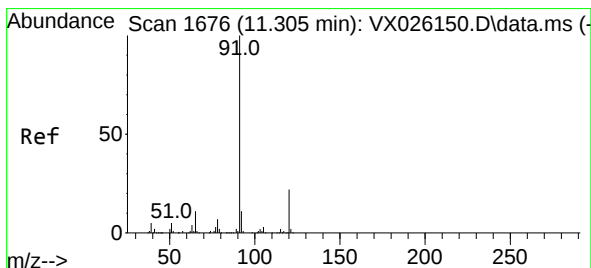
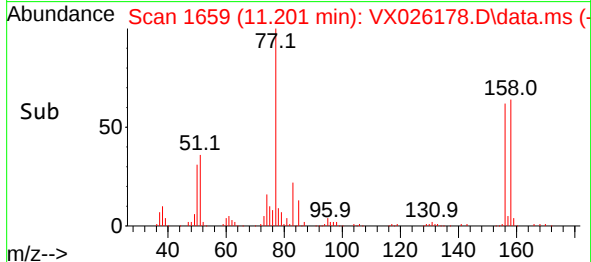
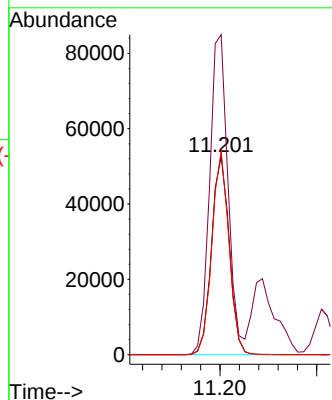
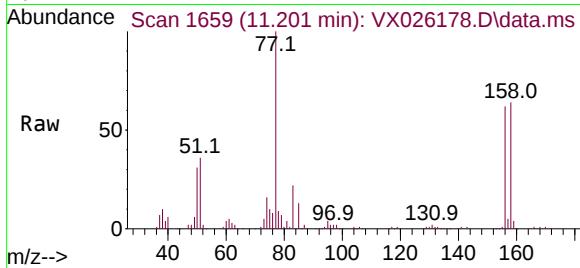




#77  
Bromobenzene  
Concen: 48.350 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

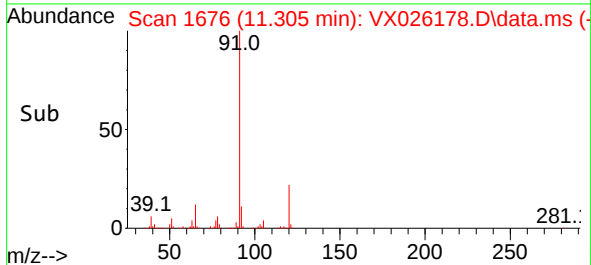
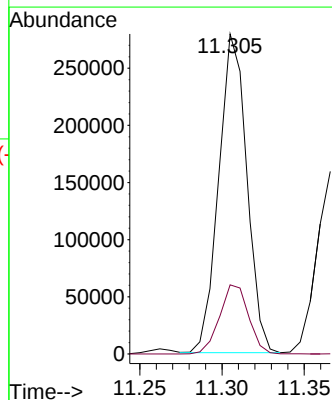
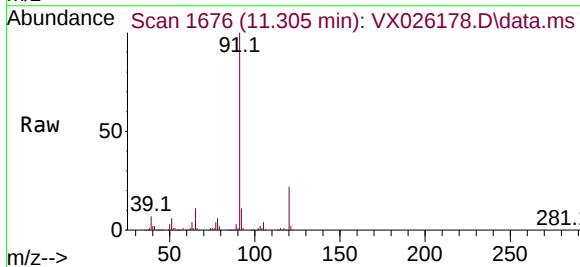
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

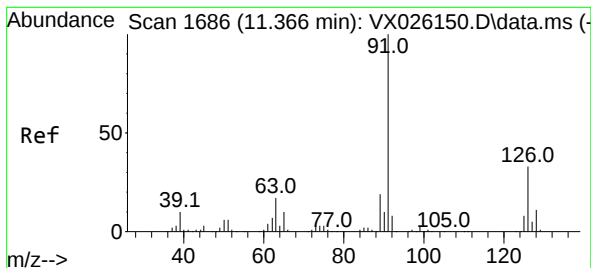
Tgt Ion:156 Resp: 66976  
Ion Ratio Lower Upper  
156 100  
77 167.6 78.2 234.6  
158 98.8 48.6 145.9



#78  
n-propylbenzene  
Concen: 49.329 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion: 91 Resp: 331292  
Ion Ratio Lower Upper  
91 100  
120 22.4 12.0 36.1





#79

2-Chlorotoluene

Concen: 47.356 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

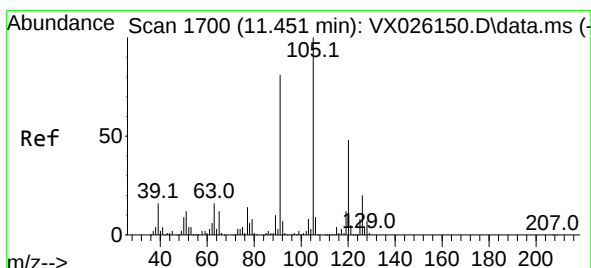
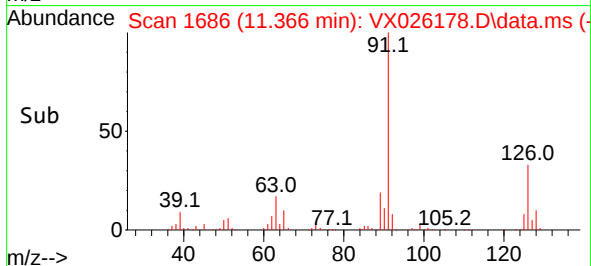
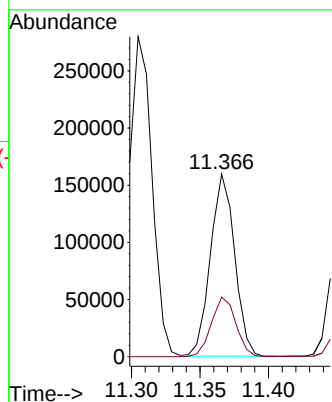
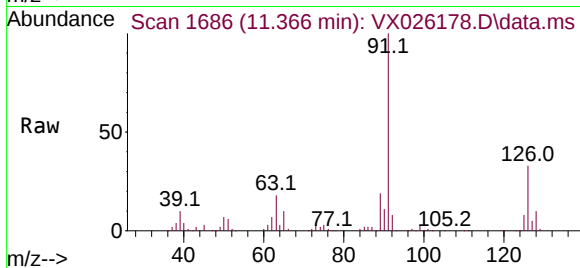
MW-1S-122121MSD

Tgt Ion: 91 Resp: 195776

Ion Ratio Lower Upper

91 100

126 33.1 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 48.727 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX026178.D

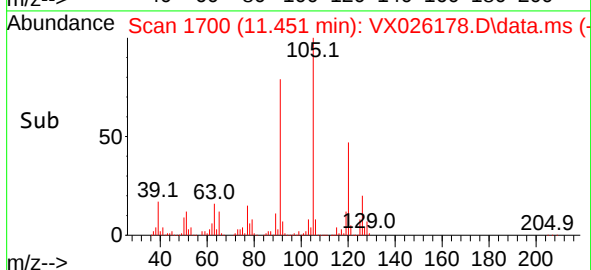
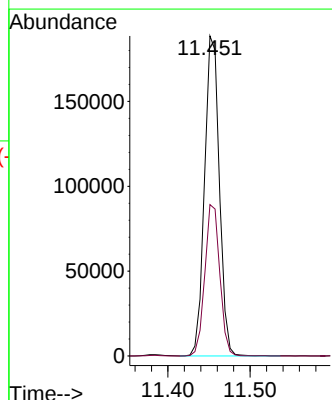
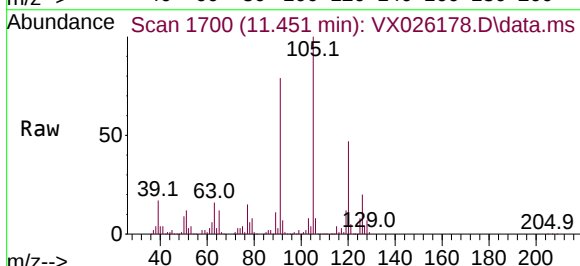
Acq: 30 Dec 2021 19:06

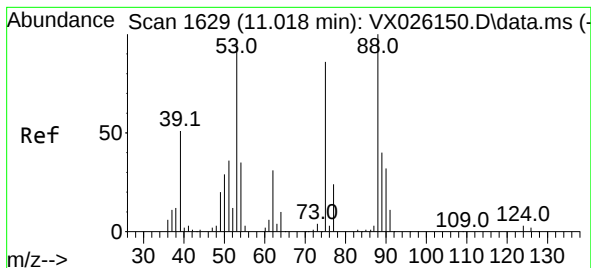
Tgt Ion: 105 Resp: 236202

Ion Ratio Lower Upper

105 100

120 47.8 24.9 74.7

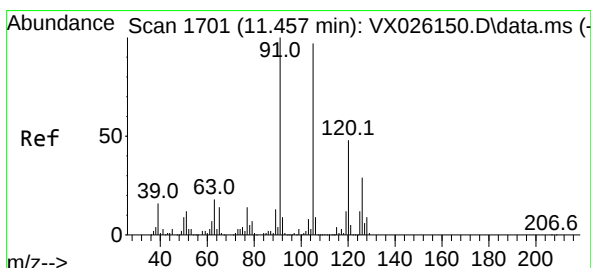
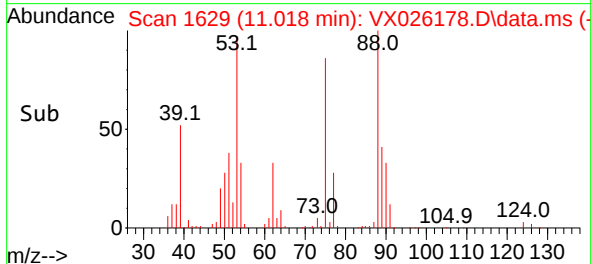
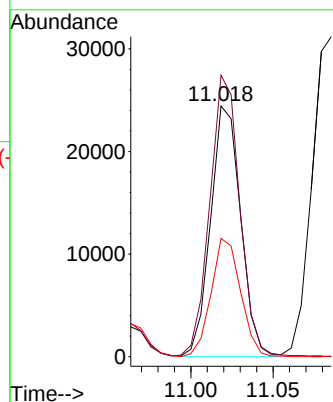
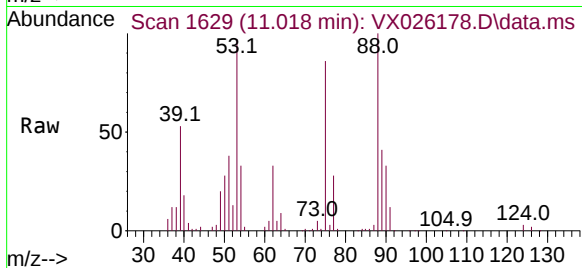




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.557 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

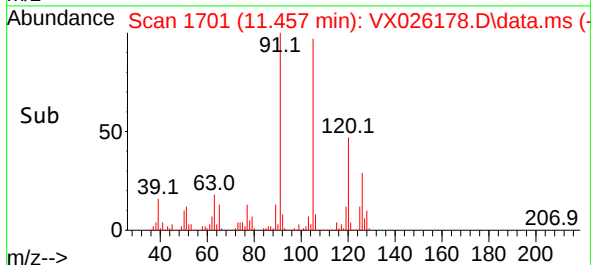
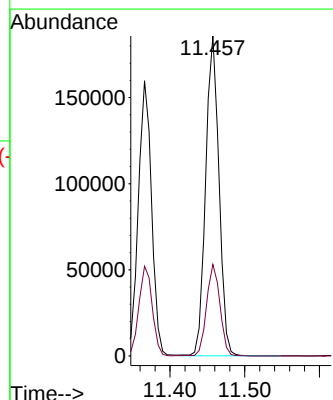
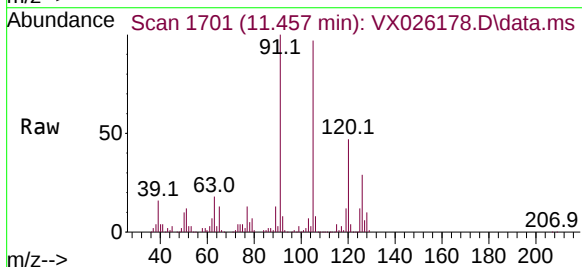
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

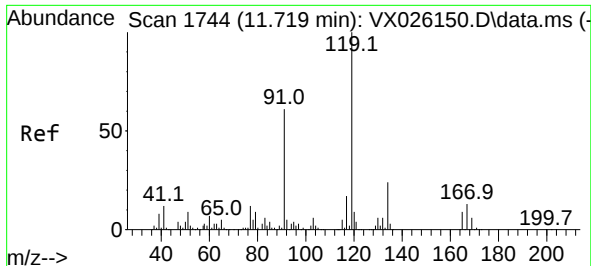
Tgt Ion: 75 Resp: 31071  
Ion Ratio Lower Upper  
75 100  
53 112.1 79.5 119.3  
89 46.1 38.3 57.5



#82  
4-Chlorotoluene  
Concen: 49.147 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion: 91 Resp: 229464  
Ion Ratio Lower Upper  
91 100  
126 28.8 15.6 46.7

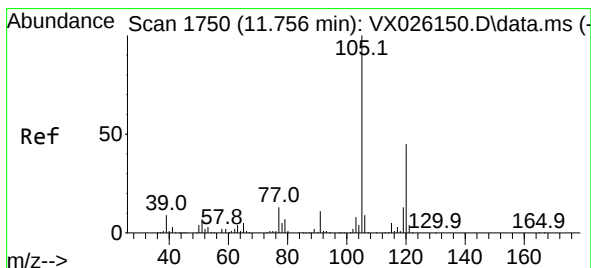
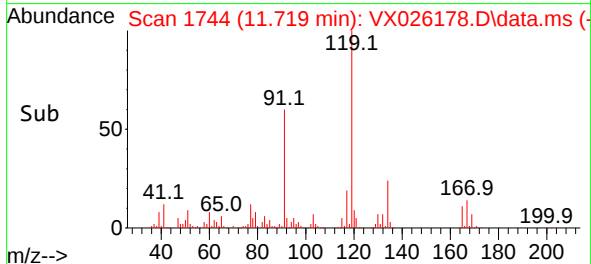
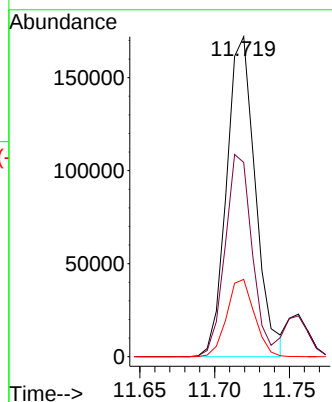
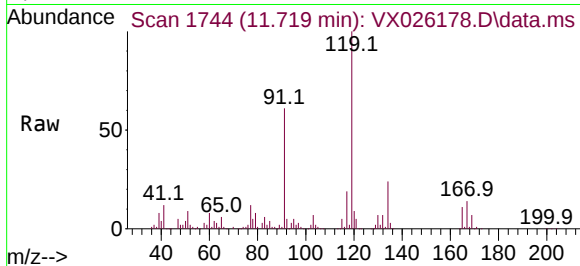




#83  
tert-Butylbenzene  
Concen: 49.010 ug/l  
RT: 11.719 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

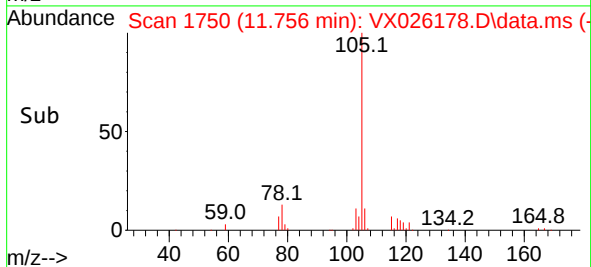
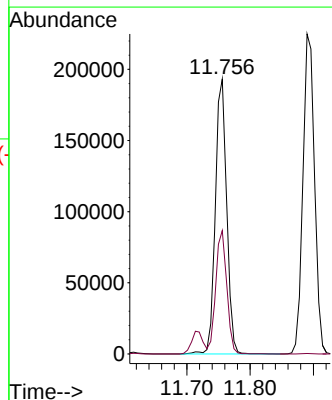
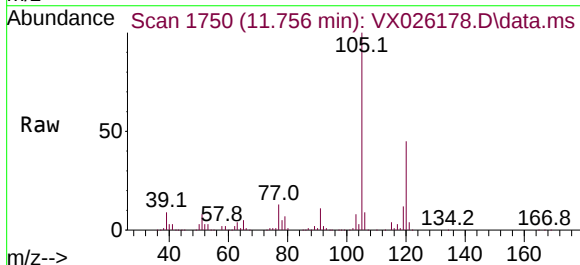
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

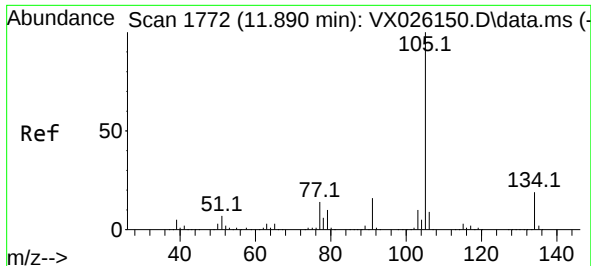
Tgt Ion:119 Resp: 230594  
Ion Ratio Lower Upper  
119 100  
91 59.2 28.7 86.1  
134 23.2 11.9 35.9



#84  
1,2,4-Trimethylbenzene  
Concen: 49.557 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion:105 Resp: 240031  
Ion Ratio Lower Upper  
105 100  
120 43.8 22.9 68.7

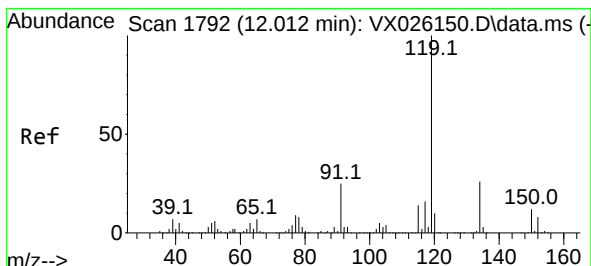
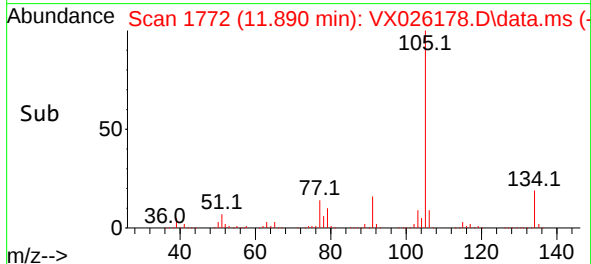
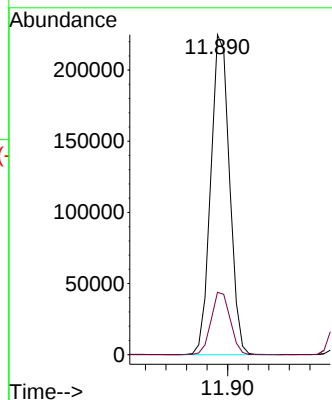
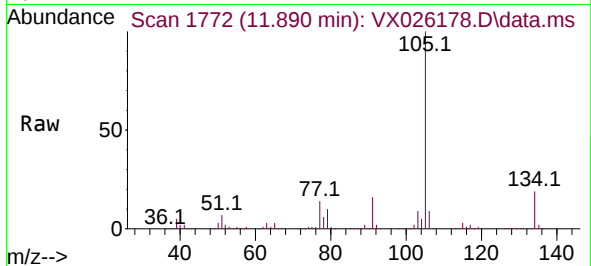




#85  
 sec-Butylbenzene  
 Concen: 48.493 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX026178.D  
 Acq: 30 Dec 2021 19:06

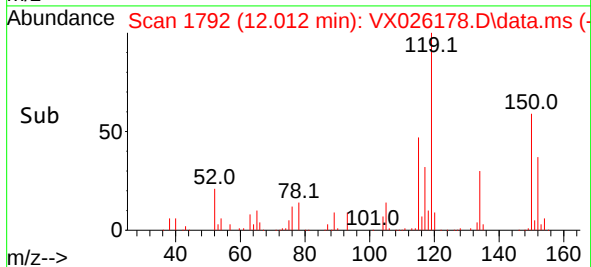
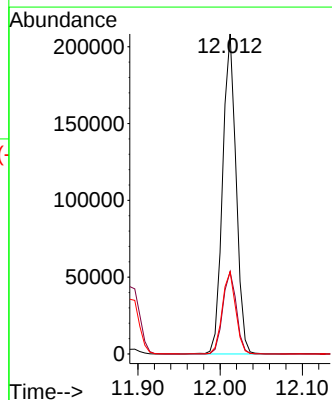
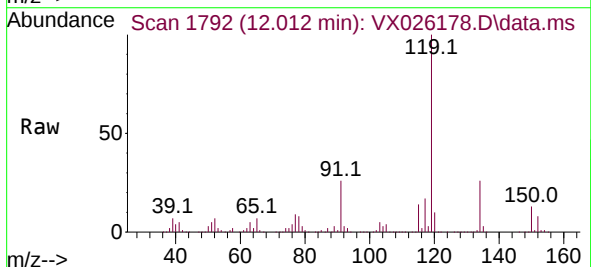
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-1S-122121MSD

Tgt Ion:105 Resp: 284726  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 48.367 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX026178.D  
 Acq: 30 Dec 2021 19:06

Tgt Ion:119 Resp: 236747  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.2 39.6  
 91 25.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 48.276 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

MW-1S-122121MSD

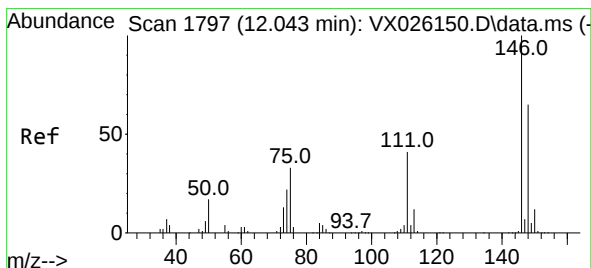
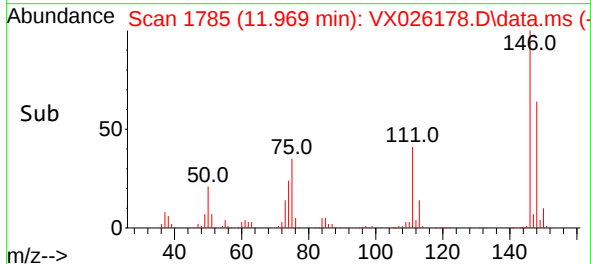
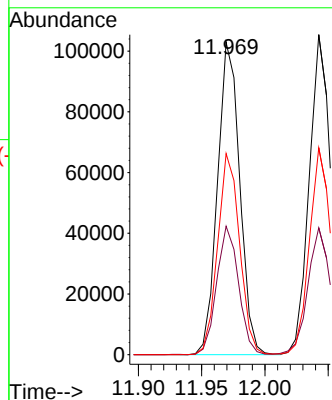
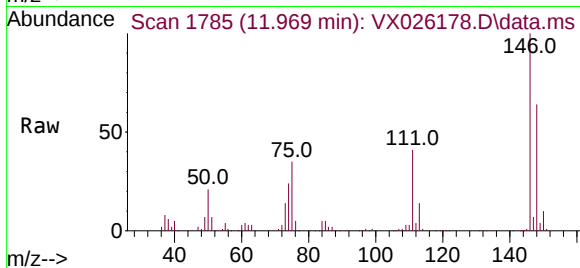
Tgt Ion:146 Resp: 125536

Ion Ratio Lower Upper

146 100

111 40.6 19.9 59.6

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 44.858 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

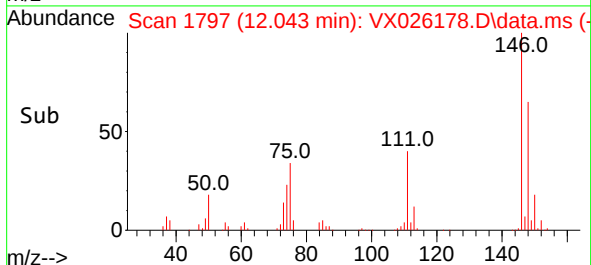
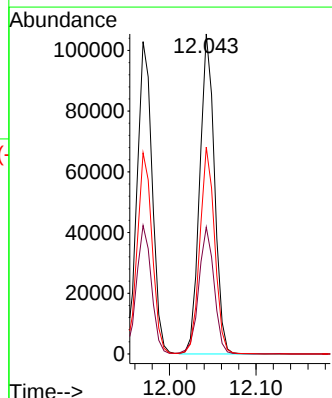
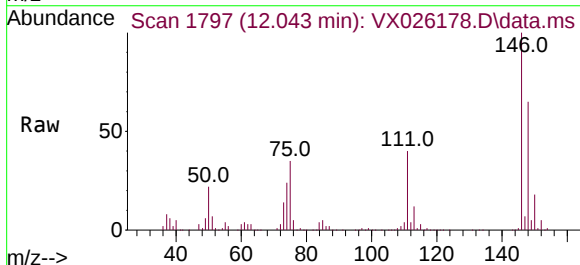
Tgt Ion:146 Resp: 125066

Ion Ratio Lower Upper

146 100

111 41.0 19.9 59.7

148 64.7 31.9 95.7





#89

n-Butylbenzene

Concen: 47.468 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

MW-1S-122121MSD

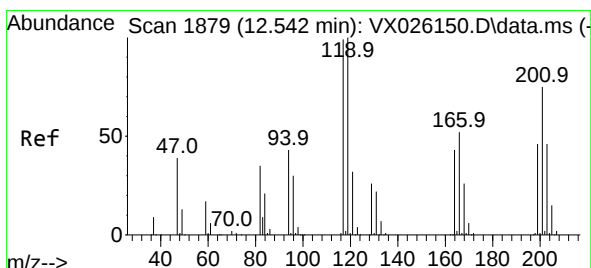
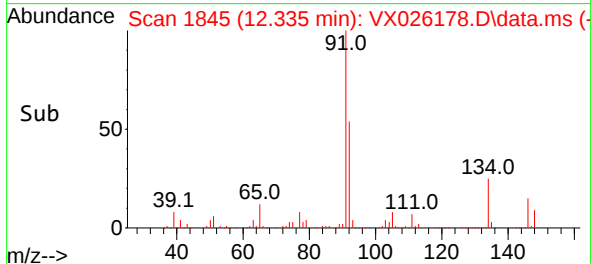
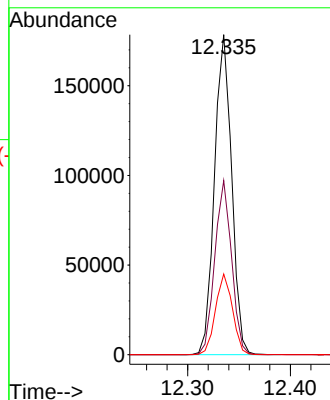
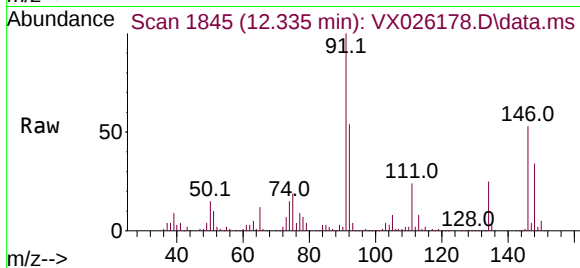
Tgt Ion: 91 Resp: 206485

Ion Ratio Lower Upper

91 100

92 53.4 27.3 81.8

134 25.0 13.5 40.4



#90

Hexachloroethane

Concen: 48.843 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX026178.D

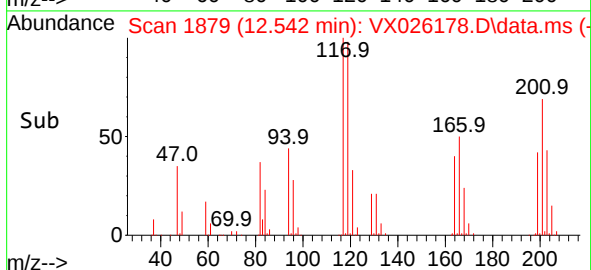
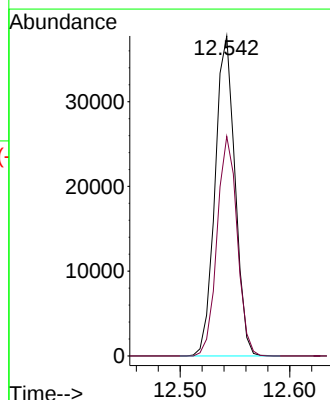
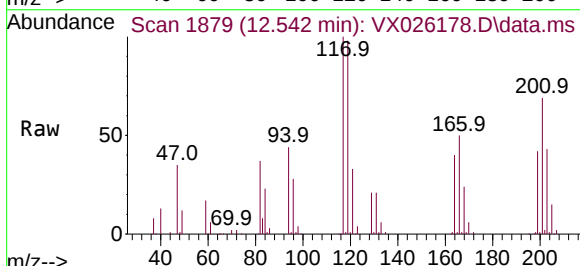
Acq: 30 Dec 2021 19:06

Tgt Ion: 117 Resp: 47751

Ion Ratio Lower Upper

117 100

201 69.0 35.4 106.3





#91

1,2-Dichlorobenzene

Concen: 45.159 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

MW-1S-122121MSD

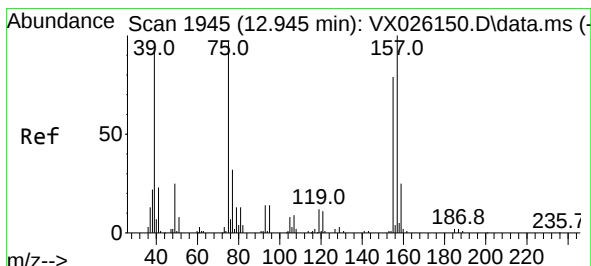
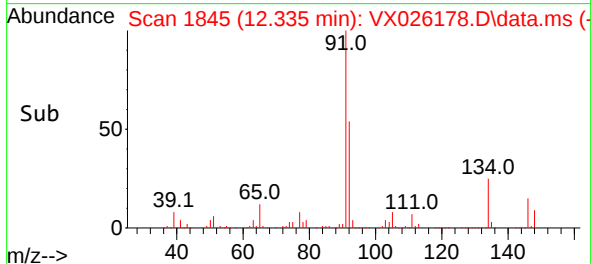
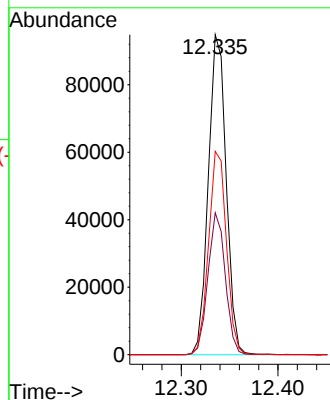
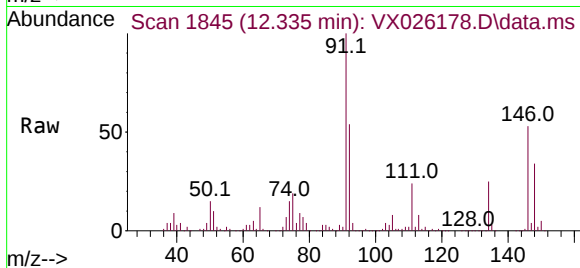
Tgt Ion:146 Resp: 121817

Ion Ratio Lower Upper

146 100

111 43.3 20.6 61.9

148 63.7 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.665 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

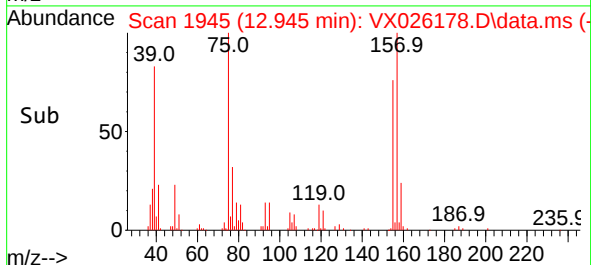
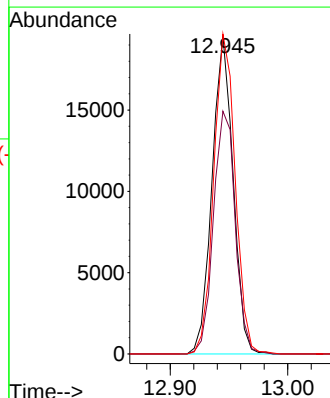
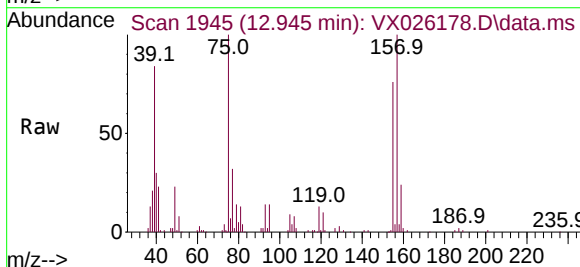
Tgt Ion: 75 Resp: 24240

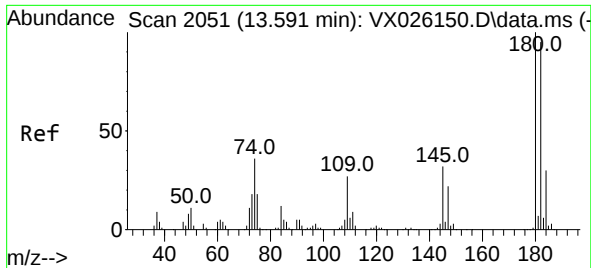
Ion Ratio Lower Upper

75 100

155 79.3 44.0 131.8

157 102.9 55.5 166.5

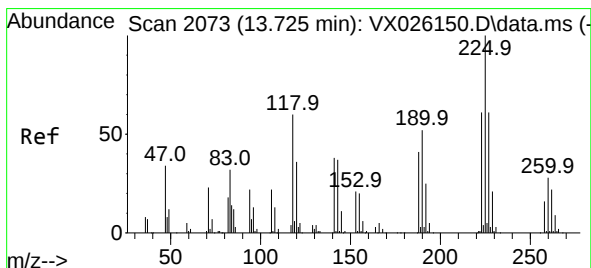
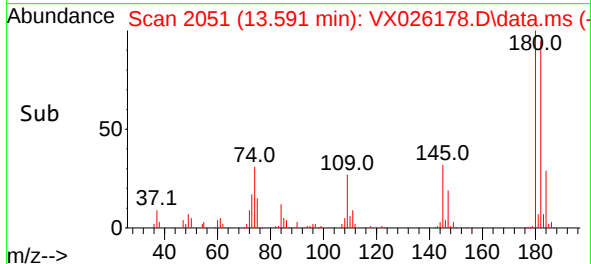
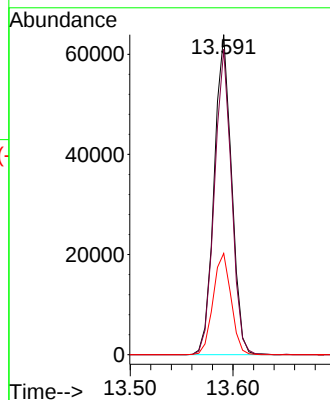
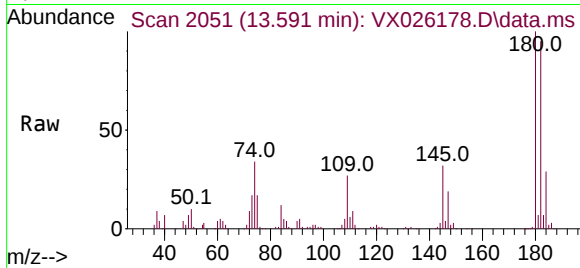




#93  
1,2,4-Trichlorobenzene  
Concen: 47.050 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

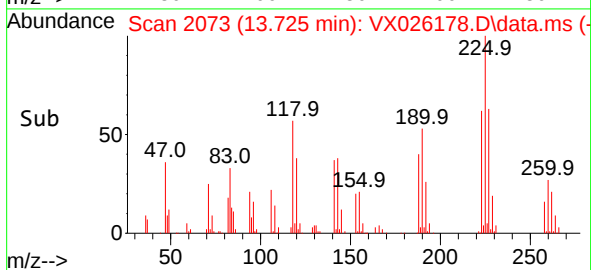
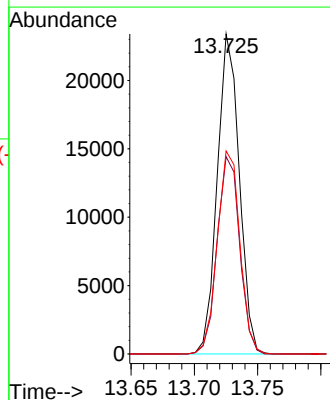
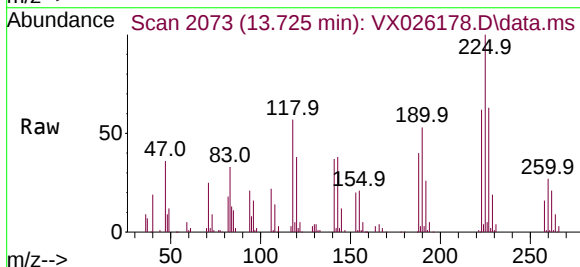
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-1S-122121MSD

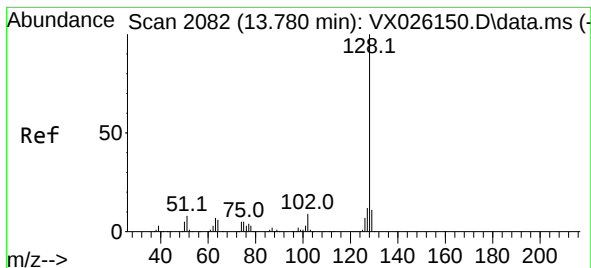
Tgt Ion:180 Resp: 75001  
Ion Ratio Lower Upper  
180 100  
182 93.6 47.2 141.6  
145 32.6 16.3 48.9



#94  
Hexachlorobutadiene  
Concen: 42.697 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX026178.D  
Acq: 30 Dec 2021 19:06

Tgt Ion:225 Resp: 28259  
Ion Ratio Lower Upper  
225 100  
223 63.1 31.6 95.0  
227 65.2 32.5 97.5





#95

Naphthalene

Concen: 47.582 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Instrument :

MSVOA\_X

ClientSampleId :

MW-1S-122121MSD

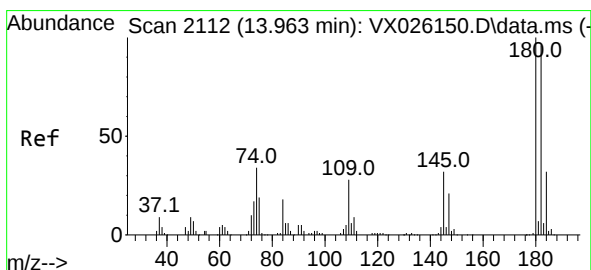
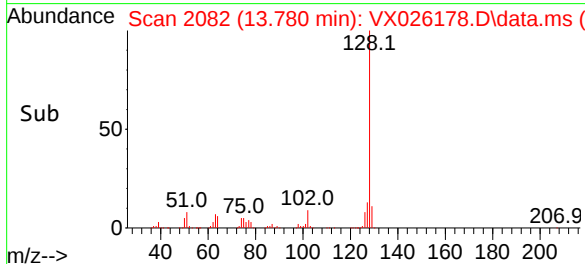
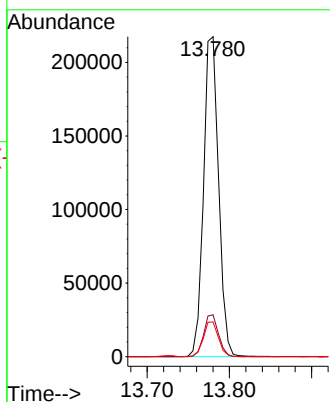
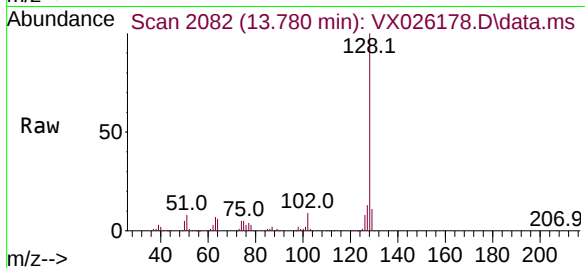
Tgt Ion:128 Resp: 276352

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 47.109 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX026178.D

Acq: 30 Dec 2021 19:06

Tgt Ion:180 Resp: 76403

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.6

145 34.0 16.7 50.1

