

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072321\  
 Data File : VW019587.D  
 Acq On : 23 Jul 2021 21:04  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 24 05:22:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W071921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 20 04:37:55 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.945  | 168  | 242885   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.848  | 114  | 418212   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.634 | 117  | 376606   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.554 | 152  | 183763   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.305  | 65    | 130757   | 56.200   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 112.400% |
| 35) Dibromofluoromethane    | 7.890  | 113   | 122946   | 48.118   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 96.240%  |
| 50) Toluene-d8              | 10.323 | 98    | 458654   | 46.362   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 92.720%  |
| 62) 4-Bromofluorobenzene    | 12.615 | 95    | 172094   | 46.376   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 92.760%  |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.013 | 85  | 82053   | 47.383  | ug/l   | 99  |
| 3) Chloromethane             | 2.221 | 50  | 108508  | 51.697  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.367 | 62  | 150883  | 52.739  | ug/l   | 97  |
| 5) Bromomethane              | 2.782 | 94  | 97349   | 58.962  | ug/l   | 93  |
| 6) Chloroethane              | 2.928 | 64  | 91282   | 56.280  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.269 | 101 | 111389  | 61.082  | ug/l   | 95  |
| 8) Diethyl Ether             | 3.690 | 74  | 79378   | 55.675  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 4.074 | 101 | 139513  | 54.387  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.275 | 142 | 192835  | 57.732  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.171 | 59  | 47124   | 285.757 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.050 | 96  | 142076  | 53.218  | ug/l   | 97  |
| 13) Acrolein                 | 3.897 | 56  | 33009   | 204.432 | ug/l   | 99  |
| 14) Allyl chloride           | 4.672 | 41  | 221030  | 57.644  | ug/l   | 100 |
| 15) Acrylonitrile            | 5.367 | 53  | 181441  | 298.191 | ug/l   | 99  |
| 16) Acetone                  | 4.123 | 43  | 133909  | 303.143 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.391 | 76  | 399748  | 52.346  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.672 | 43  | 80538   | 54.902  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.428 | 73  | 223174  | 59.441  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.921 | 84  | 200023  | 70.880  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.434 | 96  | 159334  | 54.825  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.318 | 45  | 468701  | 57.126  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.257 | 43  | 1405058 | 285.243 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.220 | 63  | 299488  | 54.655  | ug/l   | 100 |
| 25) 2-Butanone               | 7.171 | 43  | 217405  | 286.107 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 7.171 | 77  | 154264  | 52.880  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.171 | 96  | 179011  | 55.216  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.519 | 49  | 121350  | 55.462  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.531 | 42  | 145638  | 288.507 | ug/l   | 98  |
| 30) Chloroform               | 7.677 | 83  | 294645  | 55.025  | ug/l   | 97  |
| 31) Cyclohexane              | 7.958 | 56  | 250691  | 49.120  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 7.878 | 97  | 220962  | 55.564  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.086 | 75  | 225831  | 50.652  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.250 | 43  | 99224   | 53.103  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 8.073 | 117 | 202328  | 51.947  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.335 | 83  | 270561  | 51.056  | ug/l   | 98  |
| 40) Benzene                  | 8.329 | 78  | 653590  | 52.378  | ug/l   | 100 |

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 Data File : VW019587.D  
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 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 24 05:22:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W071921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 20 04:37:55 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.488  | 41   | 54904    | 51.754   | ug/l   | 88       |
| 42) 1,2-Dichloroethane        | 8.403  | 62   | 191410   | 53.169   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.427  | 43   | 186852   | 53.493   | ug/l   | 99       |
| 44) Trichloroethene           | 9.098  | 130  | 161104   | 51.233   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.372  | 63   | 166228   | 52.748   | ug/l   | 99       |
| 46) Dibromomethane            | 9.463  | 93   | 85202    | 53.300   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.646  | 83   | 215188   | 53.593   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.439  | 41   | 85834    | 53.632   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.451  | 88   | 28080    | 1187.335 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.207 | 43   | 501691   | 278.452  | ug/l   | 100      |
| 52) Toluene                   | 10.390 | 92   | 406433   | 52.472   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.609 | 75   | 215657   | 52.654   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 254993   | 52.323   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 121963   | 54.172   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 163135   | 55.339   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 218581   | 53.679   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.927  | 63   | 364131   | 266.904  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.969 | 43   | 337635   | 282.451  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.128 | 129  | 136048   | 55.000   | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.237 | 107  | 116794   | 54.952   | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.866 | 164  | 129676   | 51.268   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.658 | 112  | 419568   | 52.375   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 148708   | 53.968   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.731 | 91   | 778858   | 53.111   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.841 | 106  | 599325   | 106.909  | ug/l   | 100      |
| 69) o-Xylene                  | 12.164 | 106  | 283634   | 54.119   | ug/l   | 97       |
| 70) Styrene                   | 12.182 | 104  | 488595   | 55.187   | ug/l   | 100      |
| 71) Bromoform                 | 12.347 | 173  | 78157    | 56.891   | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.463 | 105  | 753514   | 53.968   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.274 | 43   | 172764   | 54.082   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 143192   | 54.533   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 178000   | 98.009   | ug/l # | 100      |
| 77) Bromobenzene              | 12.749 | 156  | 169062   | 53.716   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.804 | 91   | 918554   | 52.621   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 536767   | 52.300   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 641726   | 53.899   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 42008    | 52.713   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 556346   | 52.421   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.207 | 119  | 549161   | 54.368   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 640677   | 53.772   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.383 | 105  | 824389   | 53.098   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.493 | 119  | 673186   | 52.618   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 343461   | 53.316   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.578 | 146  | 337427   | 52.919   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.822 | 91   | 645862   | 51.568   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.091 | 117  | 120944   | 53.622   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.871 | 146  | 295478   | 52.152   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 23379    | 53.701   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.127 | 180  | 195618   | 51.149   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.231 | 225  | 112160   | 51.838   | ug/l   | 98       |
| 95) Naphthalene               | 15.365 | 128  | 394719   | 56.351   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 181568   | 54.311   | ug/l   | 98       |

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Operator : SY/VA  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_W/SOIL  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Jul 24 05:22:28 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W071921S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 20 04:37:55 2021  
Response via : Initial Calibration

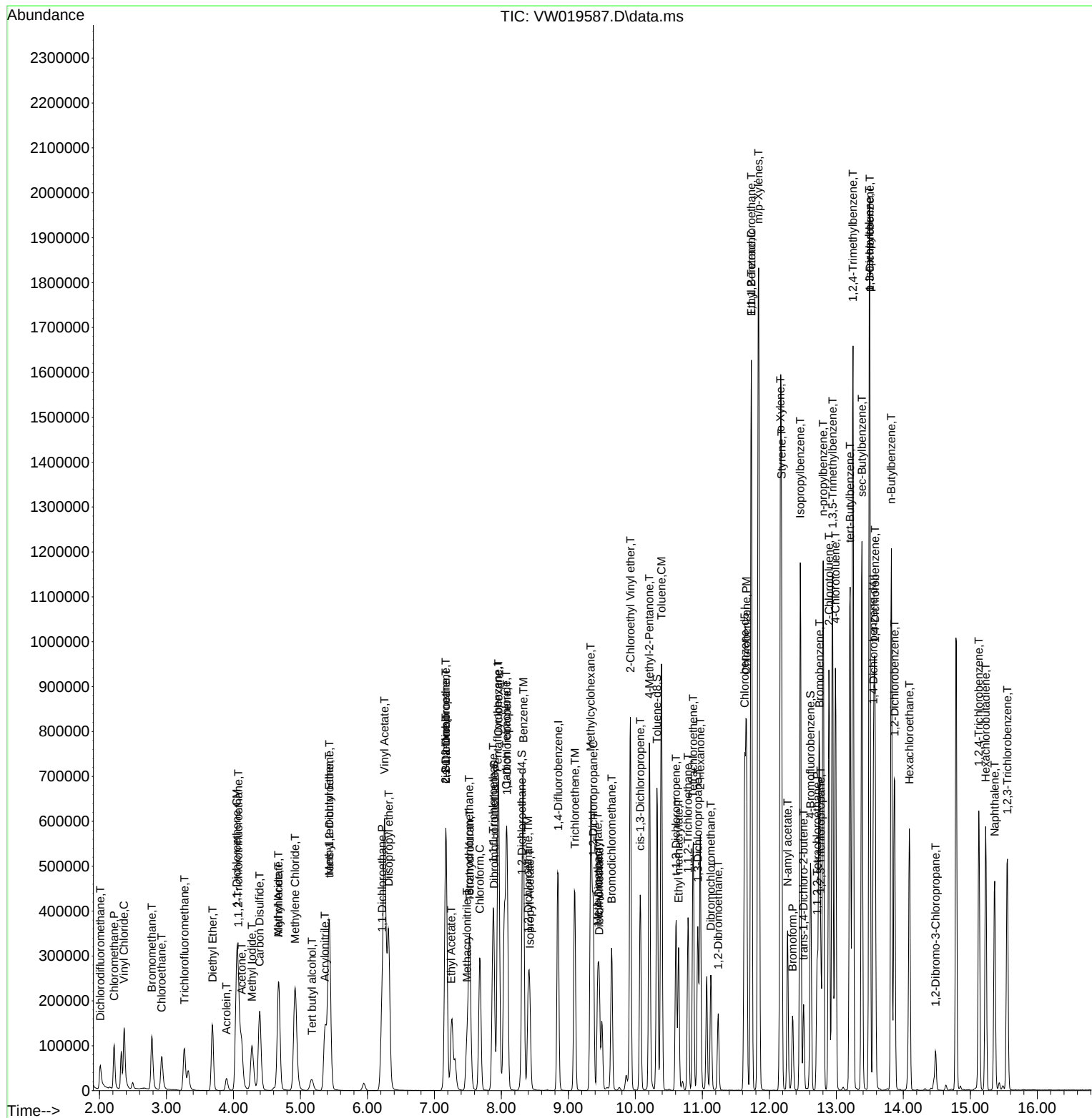
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

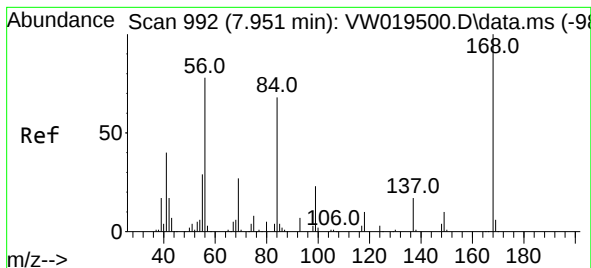
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072321\  
 Data File : VW019587.D  
 Acq On : 23 Jul 2021 21:04  
 Operator : SY/VA  
 Sample : VSTDC0050  
 Misc : 5.00g/5.0mL/MSVOA\_W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 24 05:22:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W071921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 20 04:37:55 2021  
 Response via : Initial Calibration

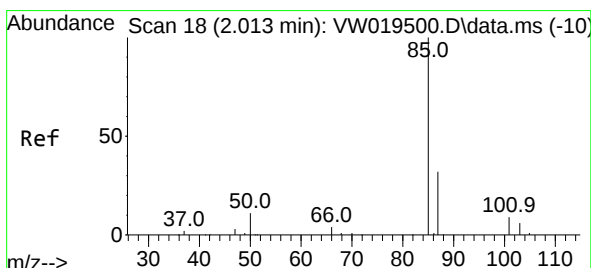
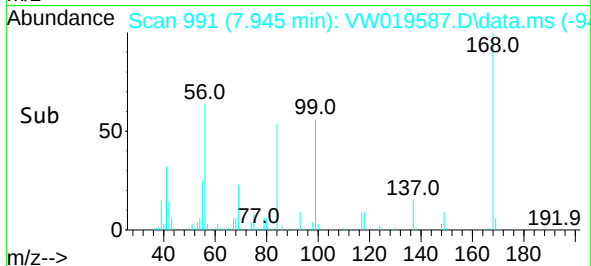
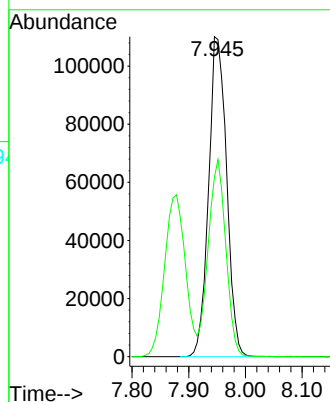
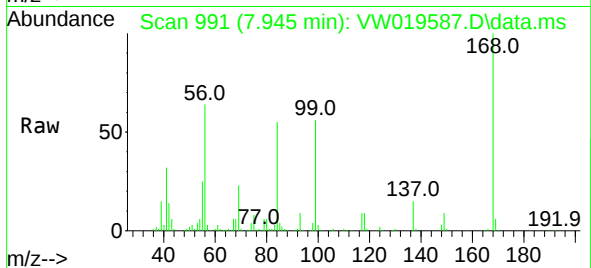




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.945 min Scan# 991  
Delta R.T. -0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

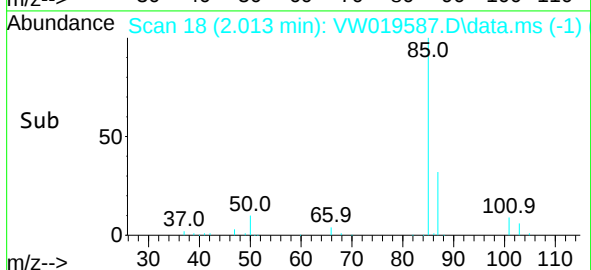
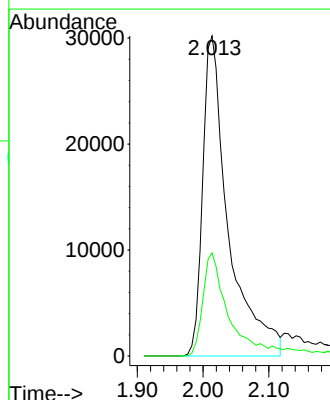
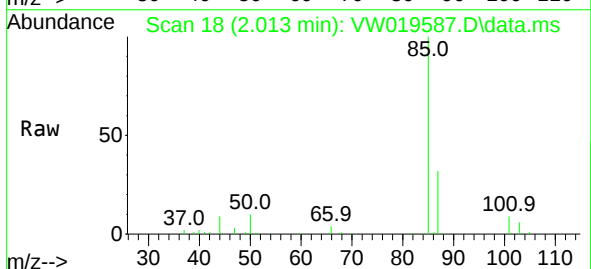
Instrument :  
MSVOA\_W  
ClientSampleId :

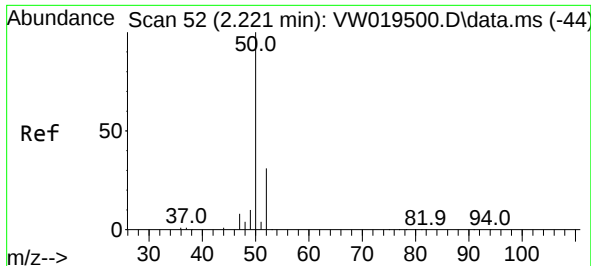
Tgt Ion:168 Resp: 242885  
Ion Ratio Lower Upper  
168 100  
99 56.1 51.9 77.9



#2  
Dichlorodifluoromethane  
Concen: 47.383 ug/l  
RT: 2.013 min Scan# 18  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion: 85 Resp: 82053  
Ion Ratio Lower Upper  
85 100  
87 32.2 15.8 47.4

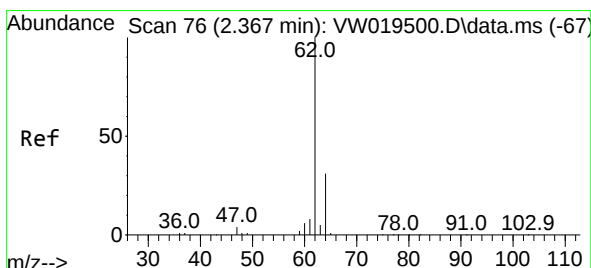
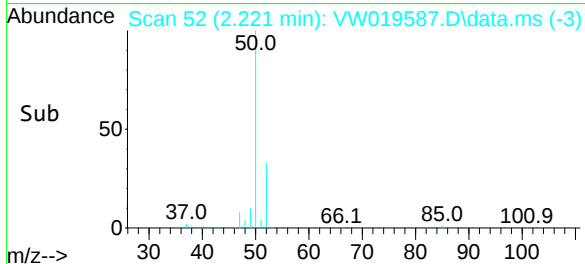
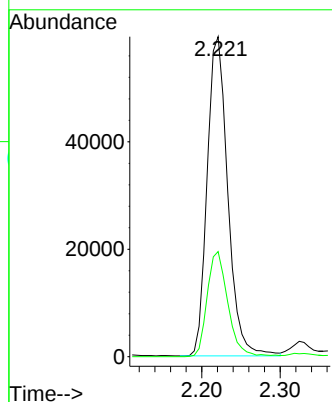
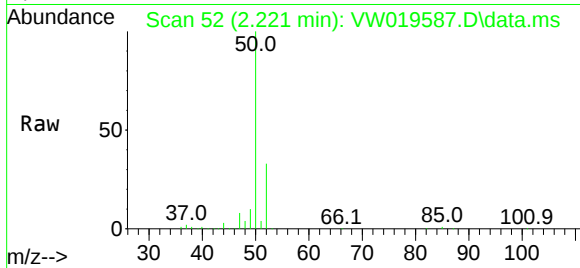




#3  
Chloromethane  
Concen: 51.697 ug/l  
RT: 2.221 min Scan# 52  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

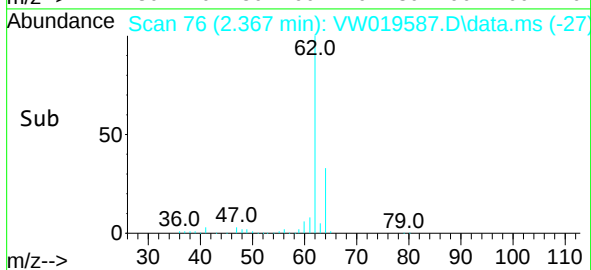
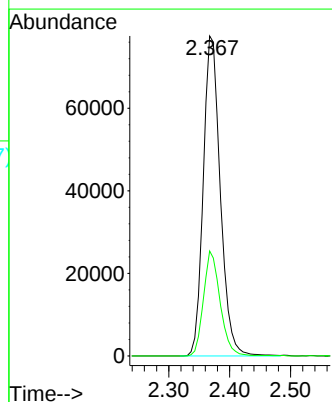
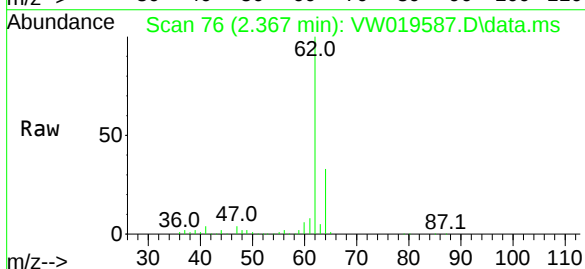
Instrument :  
MSVOA\_W  
ClientSampled :

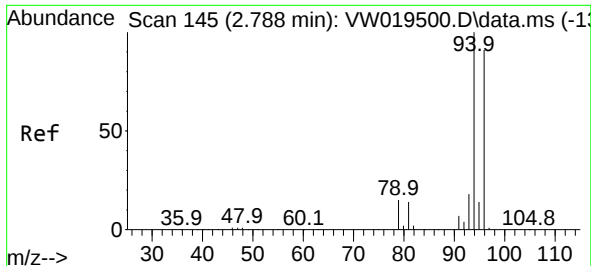
Tgt Ion: 50 Resp: 108508  
Ion Ratio Lower Upper  
50 100  
52 32.9 25.0 37.4



#4  
Vinyl Chloride  
Concen: 52.739 ug/l  
RT: 2.367 min Scan# 76  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion: 62 Resp: 150883  
Ion Ratio Lower Upper  
62 100  
64 32.8 25.1 37.7

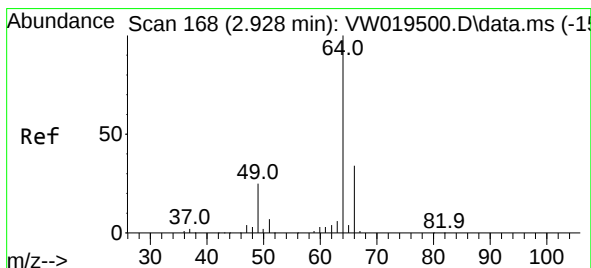
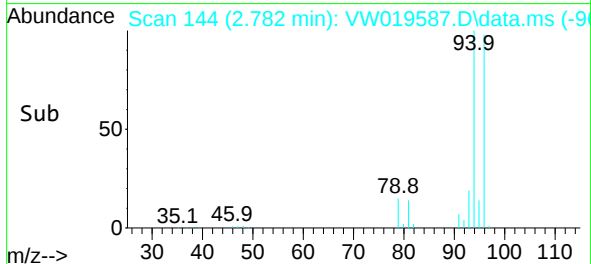
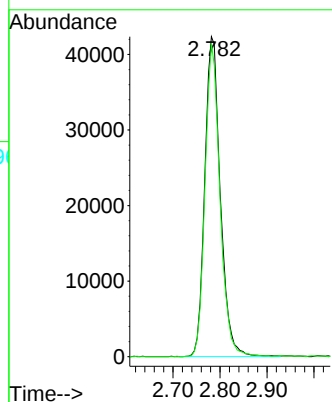
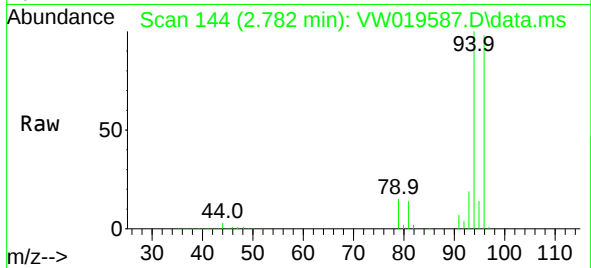




#5  
Bromomethane  
Concen: 58.962 ug/l  
RT: 2.782 min Scan# 144  
Delta R.T. -0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

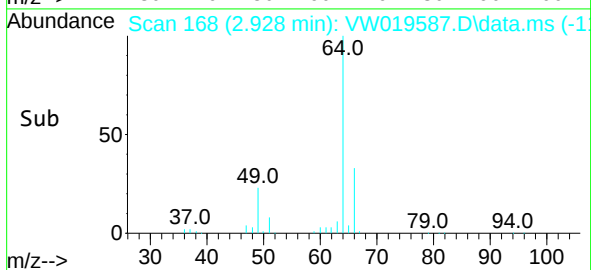
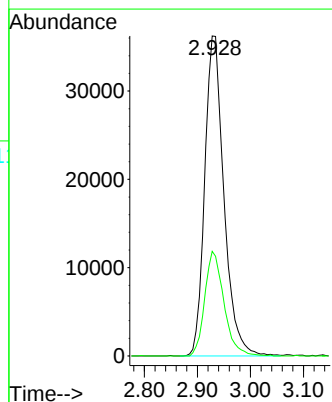
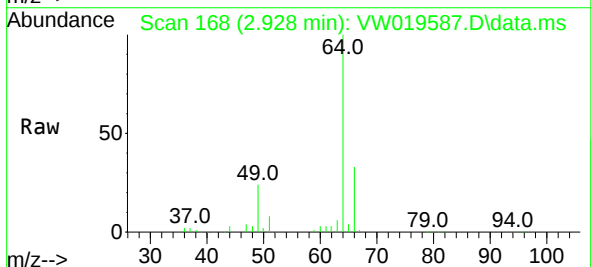
Instrument :  
MSVOA\_W  
ClientSampleId :

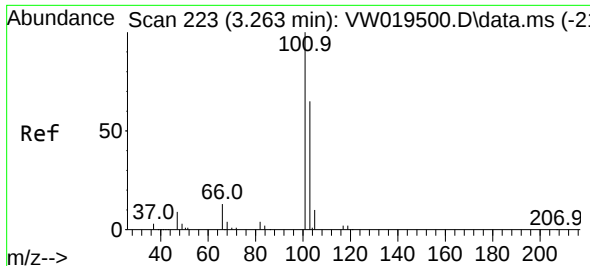
Tgt Ion: 94 Resp: 97349  
Ion Ratio Lower Upper  
94 100  
96 97.8 72.7 109.1



#6  
Chloroethane  
Concen: 56.280 ug/l  
RT: 2.928 min Scan# 168  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion: 64 Resp: 91282  
Ion Ratio Lower Upper  
64 100  
66 32.7 26.9 40.3

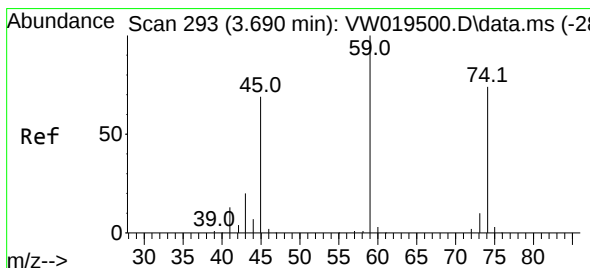
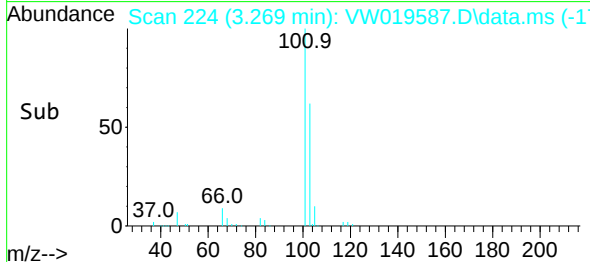
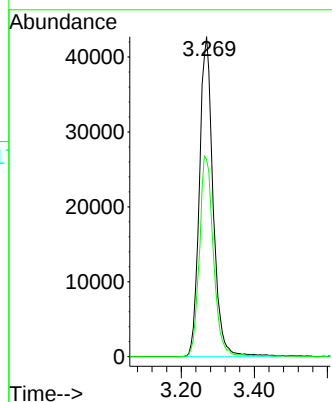
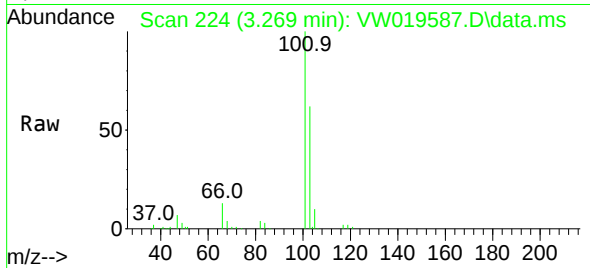




#7  
 Trichlorofluoromethane  
 Concen: 61.082 ug/l  
 RT: 3.269 min Scan# 224  
 Delta R.T. 0.006 min  
 Lab File: VW019587.D  
 Acq: 23 Jul 2021 21:04

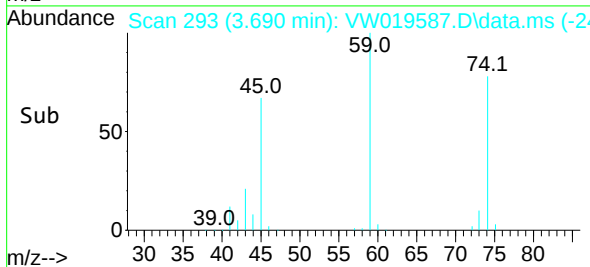
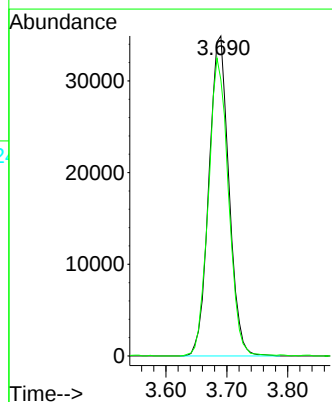
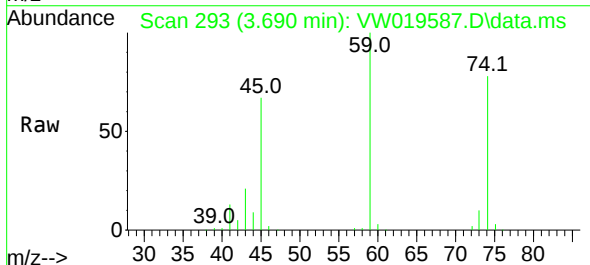
Instrument :  
 MSVOA\_W  
 ClientSampled :

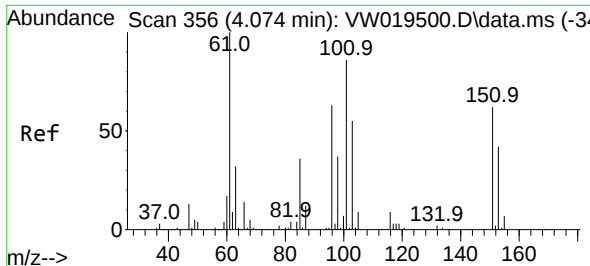
Tgt Ion:101 Resp: 111389  
 Ion Ratio Lower Upper  
 101 100  
 103 61.6 52.2 78.2



#8  
 Diethyl Ether  
 Concen: 55.675 ug/l  
 RT: 3.690 min Scan# 293  
 Delta R.T. -0.000 min  
 Lab File: VW019587.D  
 Acq: 23 Jul 2021 21:04

Tgt Ion: 74 Resp: 79378  
 Ion Ratio Lower Upper  
 74 100  
 45 93.7 48.8 146.3

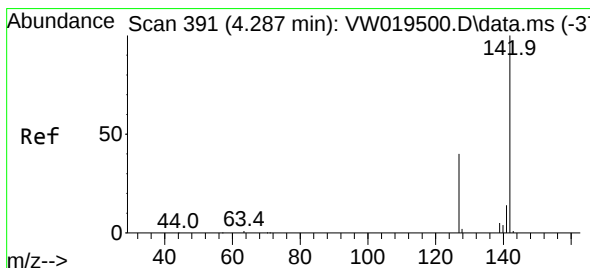
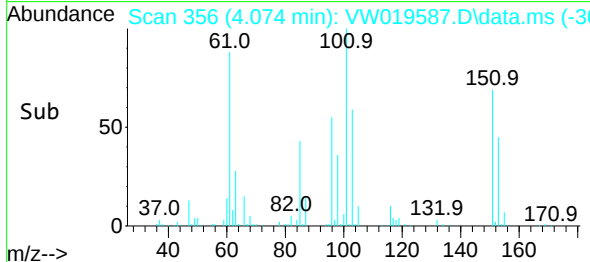
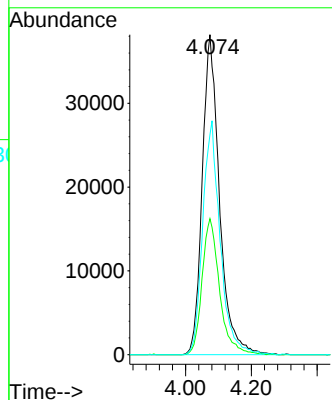
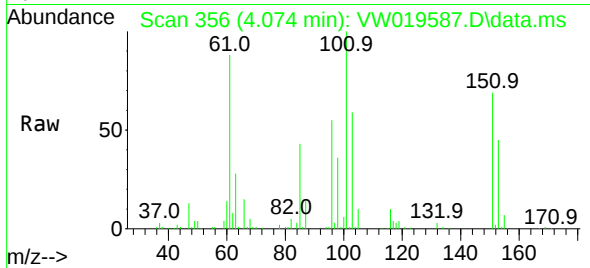




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 54.387 ug/l  
RT: 4.074 min Scan# 356  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

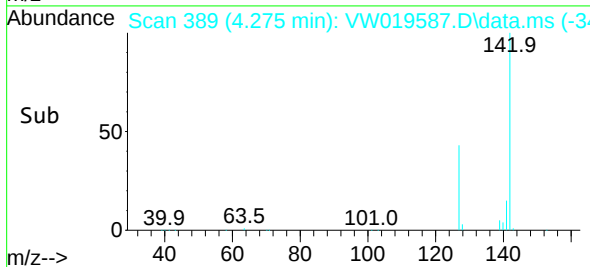
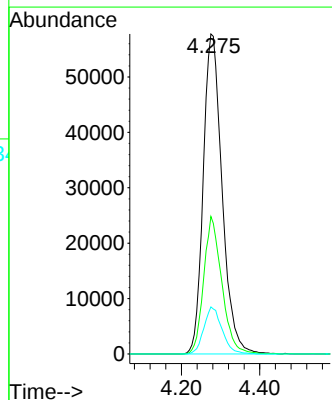
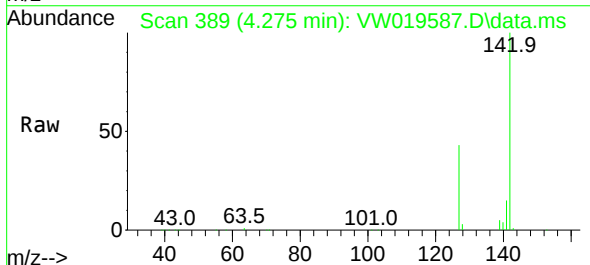
Instrument :  
MSVOA\_W  
ClientSampleId :

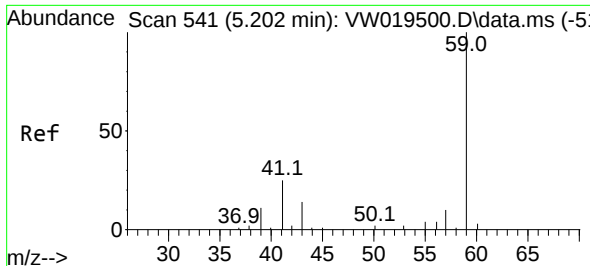
Tgt Ion:101 Resp: 139513  
Ion Ratio Lower Upper  
101 100  
85 43.0 35.4 53.0  
151 73.8 59.6 89.4



#10  
Methyl Iodide  
Concen: 57.732 ug/l  
RT: 4.275 min Scan# 389  
Delta R.T. -0.012 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion:142 Resp: 192835  
Ion Ratio Lower Upper  
142 100  
127 41.3 34.2 51.2  
141 14.1 11.9 17.9

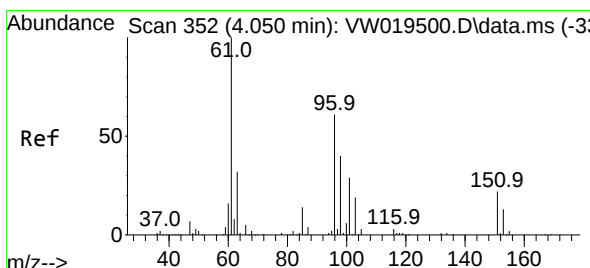
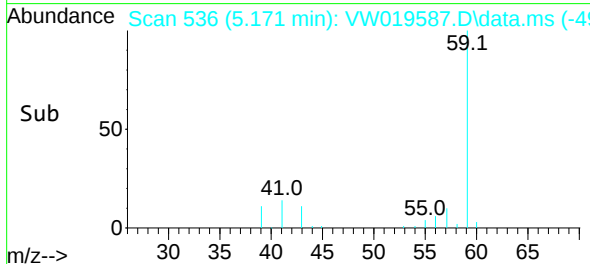
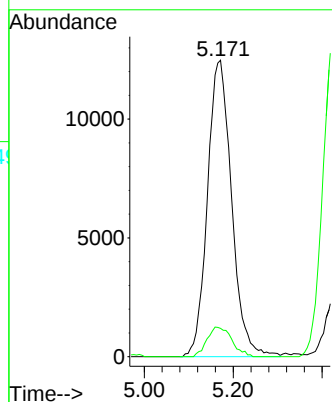
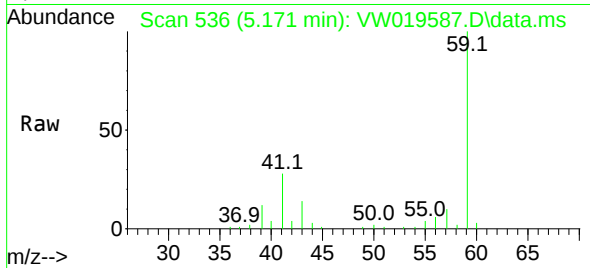




#11  
Tert butyl alcohol  
Concen: 285.757 ug/l  
RT: 5.171 min Scan# 536  
Delta R.T. -0.031 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

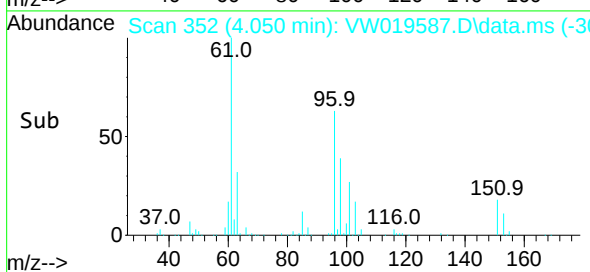
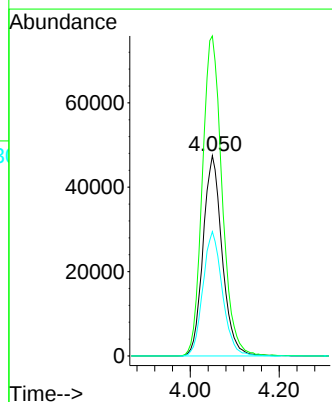
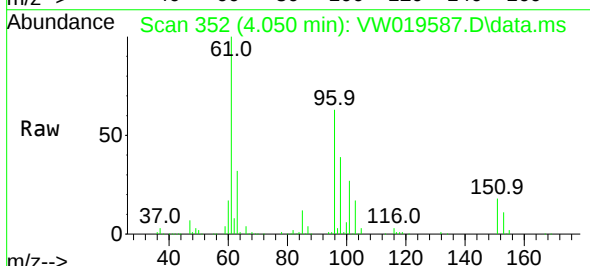
Instrument :  
MSVOA\_W  
ClientSampled :

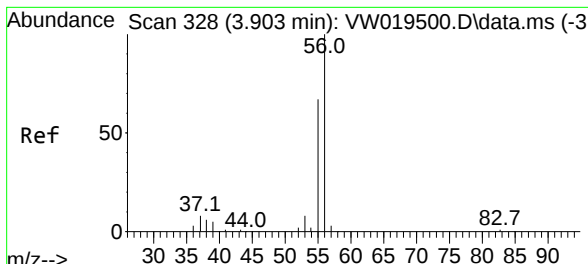
Tgt Ion: 59 Resp: 47124  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.0 12.0



#12  
1,1-Dichloroethene  
Concen: 53.218 ug/l  
RT: 4.050 min Scan# 352  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

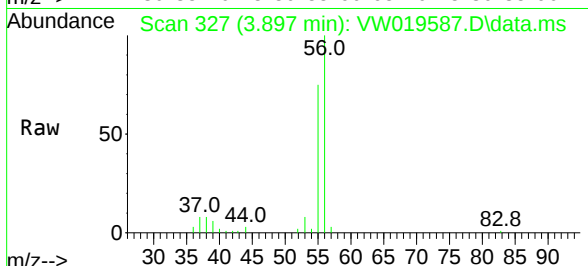
Tgt Ion: 96 Resp: 142076  
Ion Ratio Lower Upper  
96 100  
61 159.5 131.0 196.6  
98 62.0 52.2 78.2





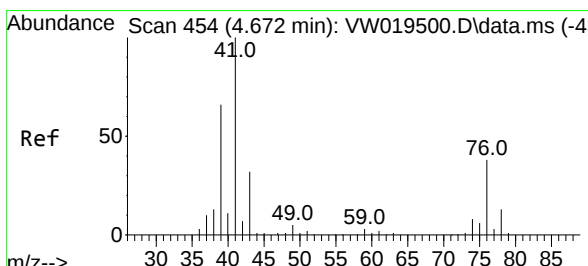
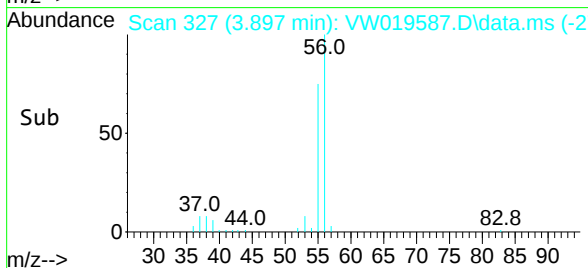
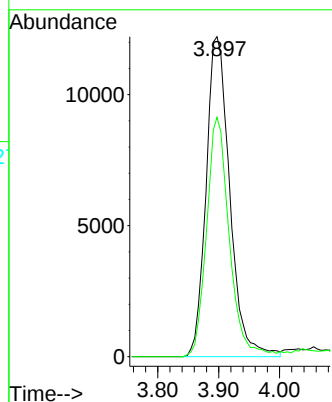
#13  
 Acrolein  
 Concen: 204.432 ug/l  
 RT: 3.897 min Scan# 327  
 Delta R.T. -0.006 min  
 Lab File: VW019587.D  
 Acq: 23 Jul 2021 21:04

Instrument :  
 MSVOA\_W  
 ClientSampled :



Tgt Ion: 56 Resp: 33009  

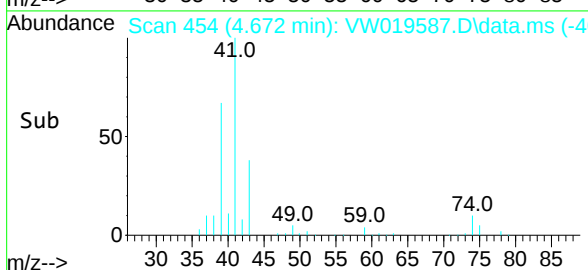
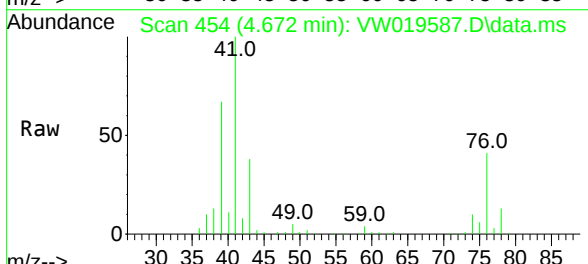
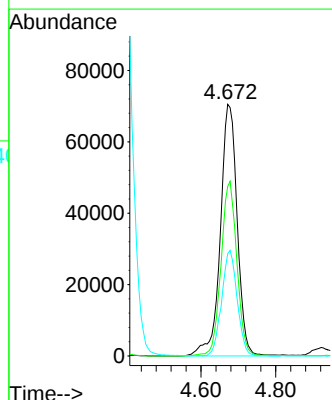
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 55  | 71.4  | 56.3  | 84.5  |

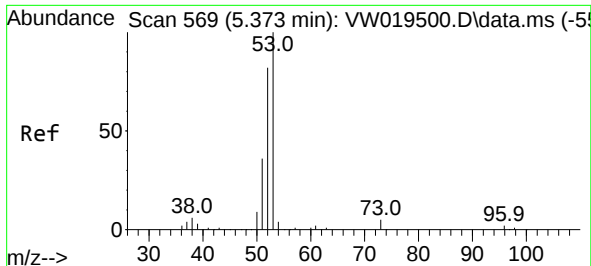


#14  
 Allyl chloride  
 Concen: 57.644 ug/l  
 RT: 4.672 min Scan# 454  
 Delta R.T. 0.000 min  
 Lab File: VW019587.D  
 Acq: 23 Jul 2021 21:04

Tgt Ion: 41 Resp: 221030  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 65.2  | 52.2  | 78.2  |
| 76  | 38.2  | 30.1  | 45.1  |

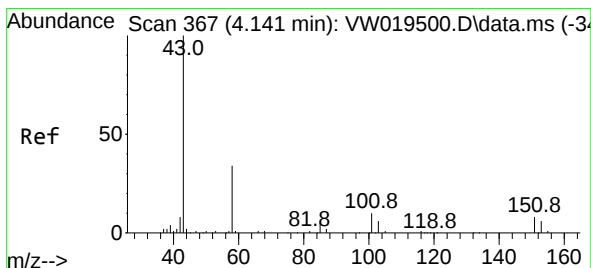
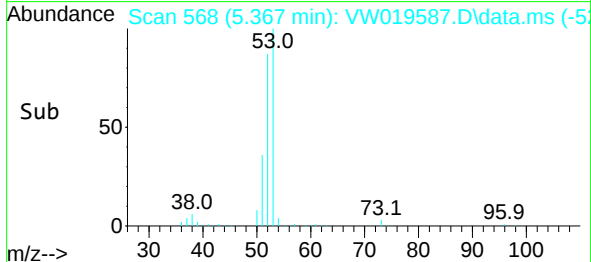
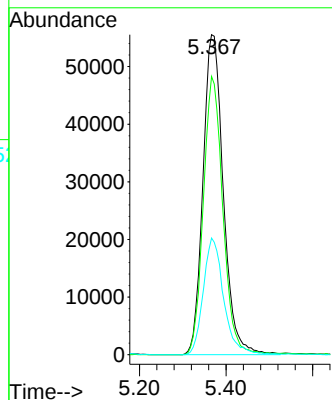
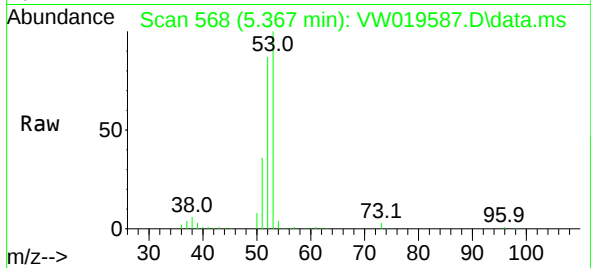




#15  
Acrylonitrile  
Concen: 298.191 ug/l  
RT: 5.367 min Scan# 568  
Delta R.T. -0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

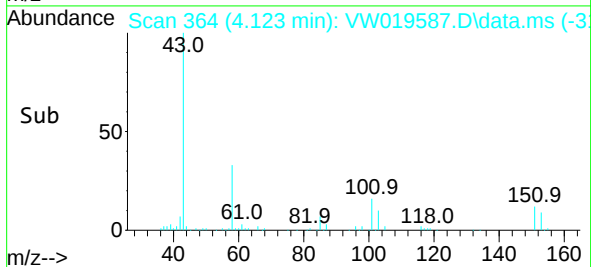
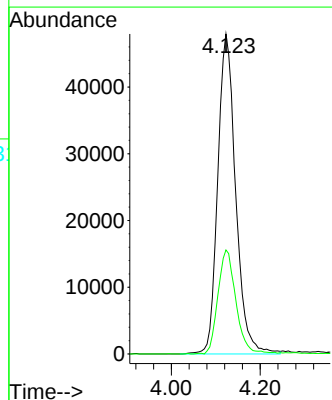
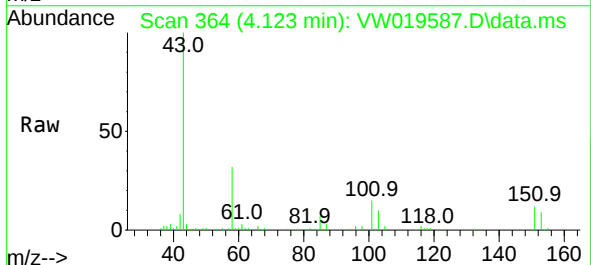
Instrument :  
MSVOA\_W  
ClientSampleId :

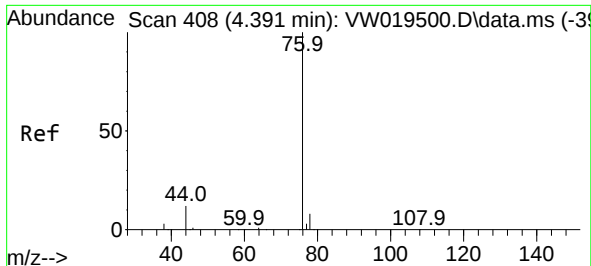
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 181441 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.5  | 65.9  | 98.9   |
| 51       | 36.5  | 29.2  | 43.8   |



#16  
Acetone  
Concen: 303.143 ug/l  
RT: 4.123 min Scan# 364  
Delta R.T. -0.018 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 133909 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 32.5  | 27.2  | 40.8   |

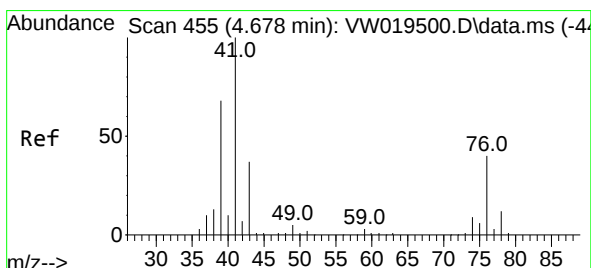
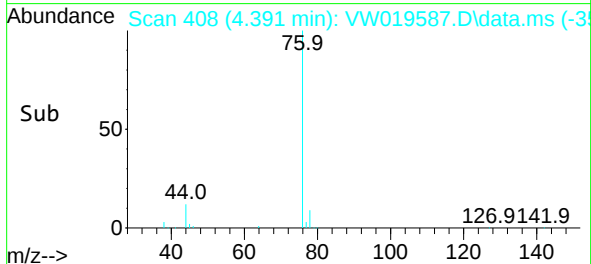
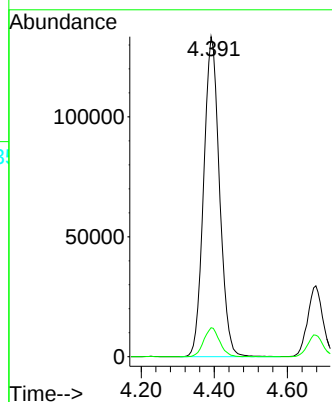
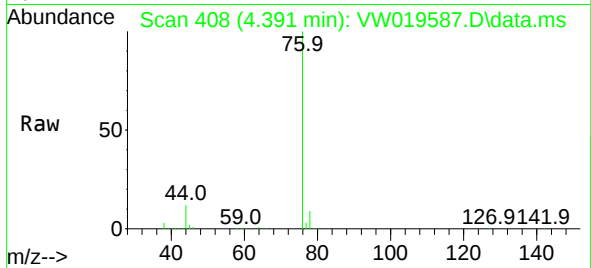




#17  
Carbon Disulfide  
Concen: 52.346 ug/l  
RT: 4.391 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

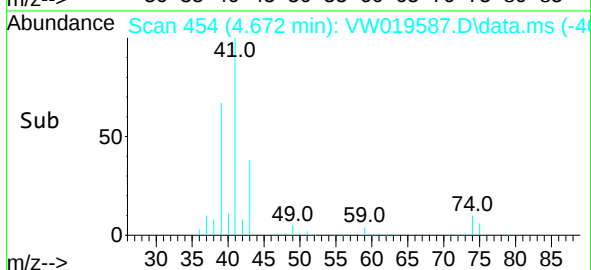
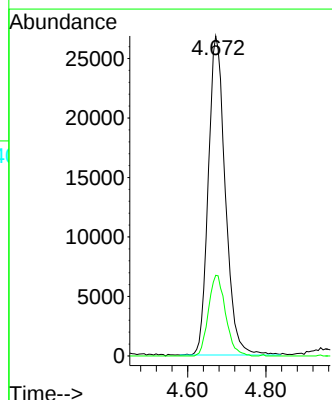
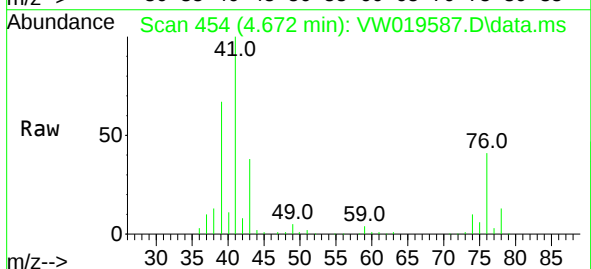
Instrument :  
MSVOA\_W  
ClientSampled :

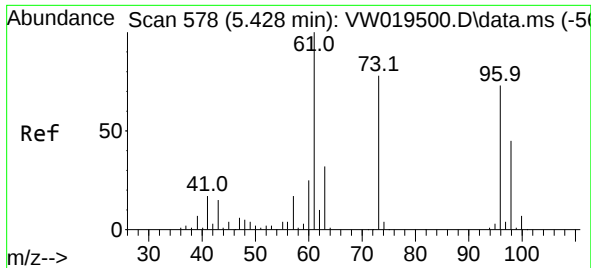
Tgt Ion: 76 Resp: 399748  
Ion Ratio Lower Upper  
76 100  
78 9.1 6.8 10.2



#18  
Methyl Acetate  
Concen: 54.902 ug/l  
RT: 4.672 min Scan# 454  
Delta R.T. -0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

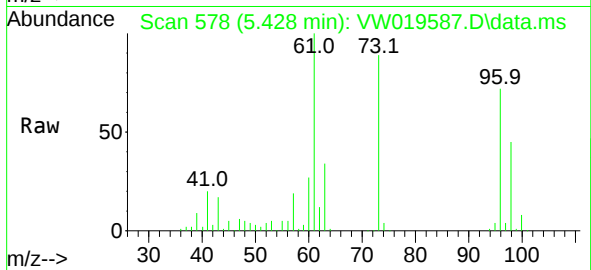
Tgt Ion: 43 Resp: 80538  
Ion Ratio Lower Upper  
43 100  
74 25.5 20.1 30.1



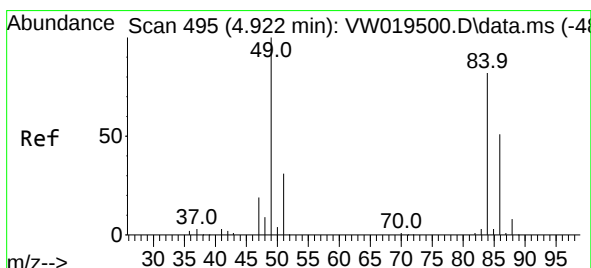
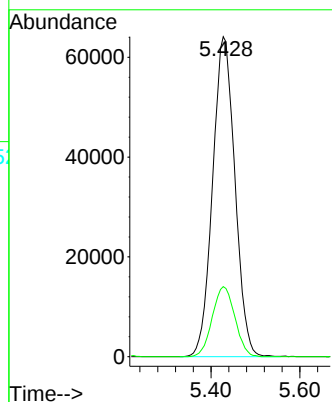
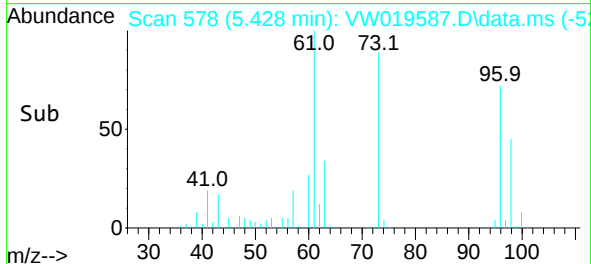


#19  
Methyl tert-butyl Ether  
Concen: 59.441 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

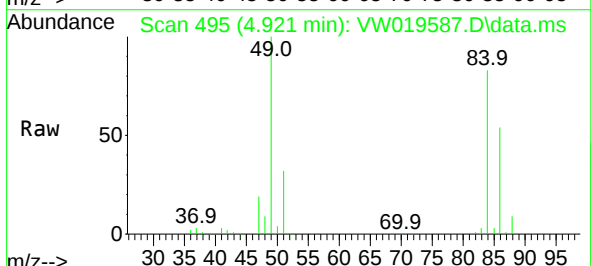
Instrument :  
MSVOA\_W  
ClientSampled :



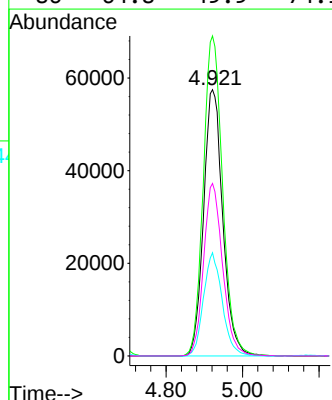
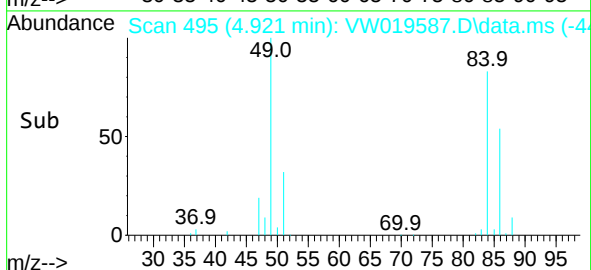
Tgt Ion: 73 Resp: 223174  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.4 26.0

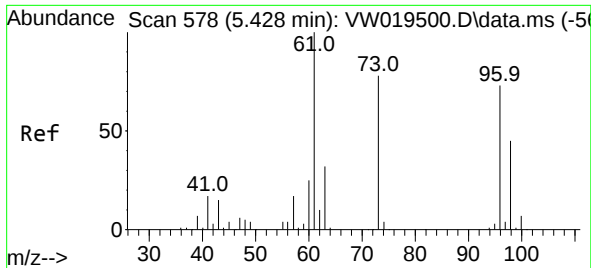


#20  
Methylene Chloride  
Concen: 70.880 ug/l  
RT: 4.921 min Scan# 495  
Delta R.T. -0.001 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04



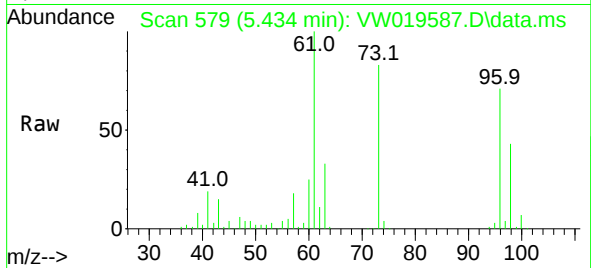
Tgt Ion: 84 Resp: 200023  
Ion Ratio Lower Upper  
84 100  
49 120.2 97.2 145.8  
51 38.8 30.1 45.1  
86 64.8 49.9 74.9



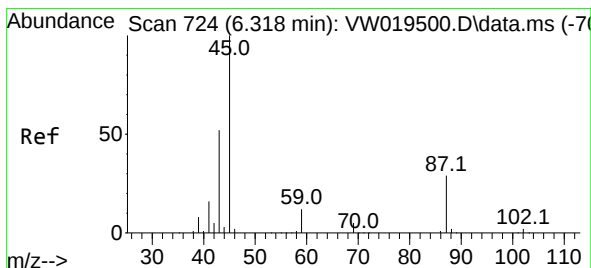
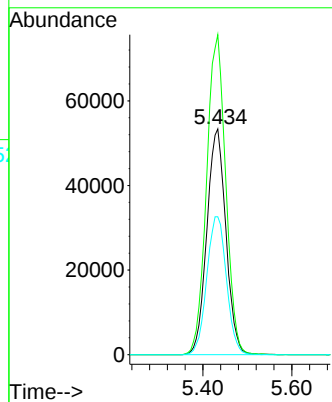
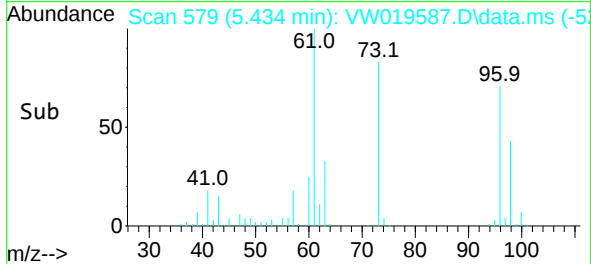


#21  
trans-1,2-Dichloroethene  
Concen: 54.825 ug/l  
RT: 5.434 min Scan# 579  
Delta R.T. 0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

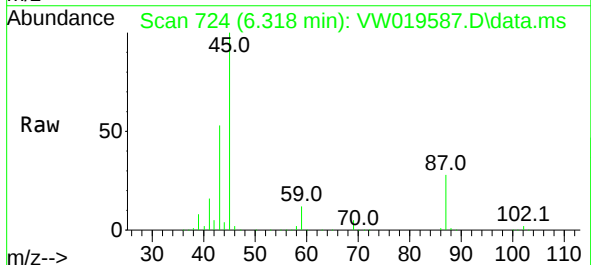
Instrument :  
MSVOA\_W  
ClientSampleId :



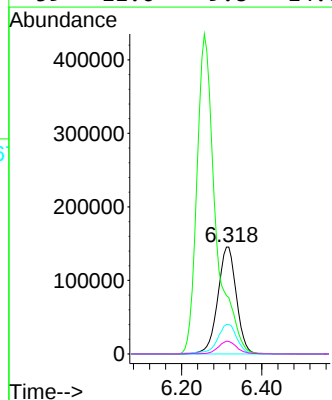
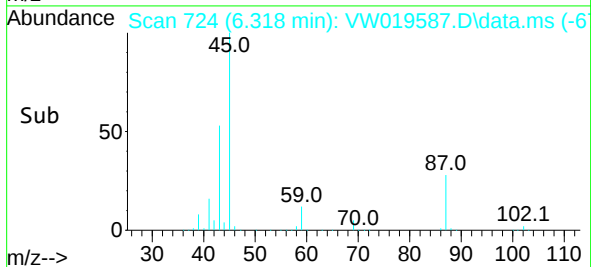
Tgt Ion: 96 Resp: 159334  
Ion Ratio Lower Upper  
96 100  
61 141.8 110.3 165.5  
98 61.1 49.1 73.7

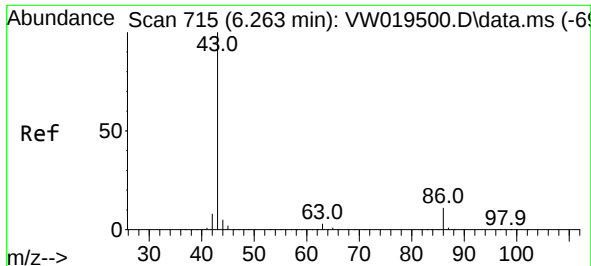


#22  
Diisopropyl ether  
Concen: 57.126 ug/l  
RT: 6.318 min Scan# 724  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04



Tgt Ion: 45 Resp: 468701  
Ion Ratio Lower Upper  
45 100  
43 52.3 42.0 63.0  
87 27.5 23.0 34.6  
59 11.6 9.8 14.6

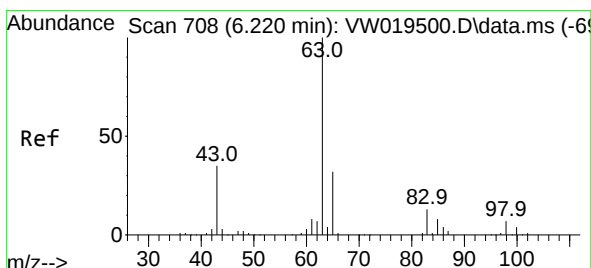
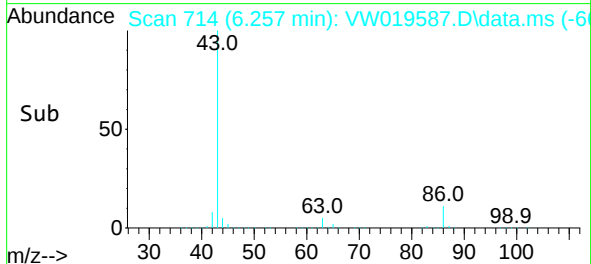
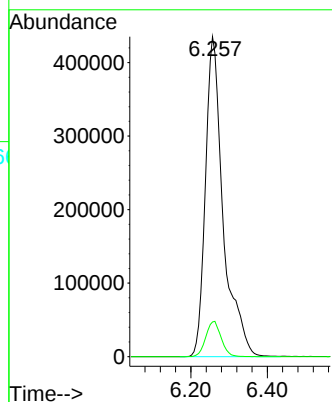
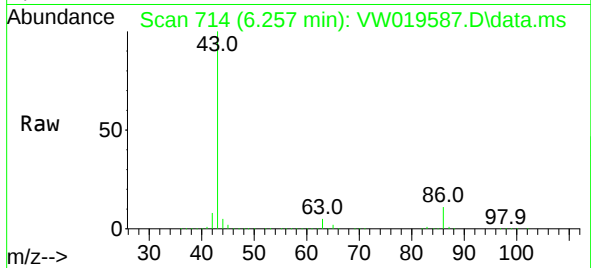




#23  
 Vinyl Acetate  
 Concen: 285.243 ug/l  
 RT: 6.257 min Scan# 714  
 Delta R.T. -0.006 min  
 Lab File: VW019587.D  
 Acq: 23 Jul 2021 21:04

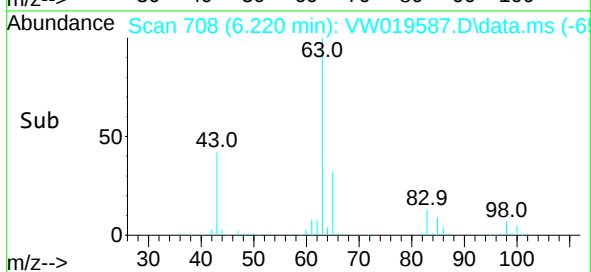
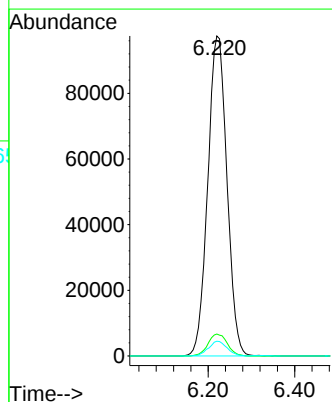
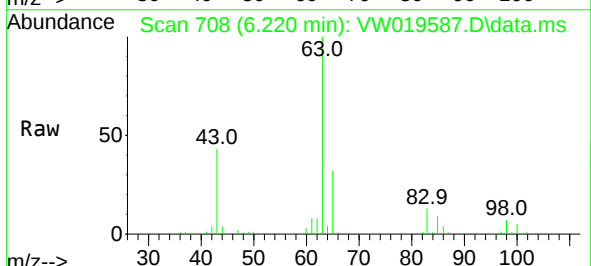
Instrument :  
 MSVOA\_W  
 ClientSampled :

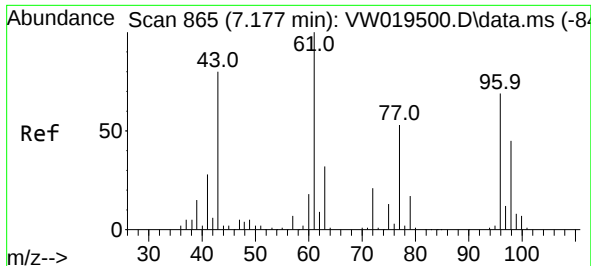
Tgt Ion: 43 Resp: 1405058  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 9.1 13.7



#24  
 1,1-Dichloroethane  
 Concen: 54.655 ug/l  
 RT: 6.220 min Scan# 708  
 Delta R.T. 0.000 min  
 Lab File: VW019587.D  
 Acq: 23 Jul 2021 21:04

Tgt Ion: 63 Resp: 299488  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.5 10.4  
 100 4.6 2.2 6.6

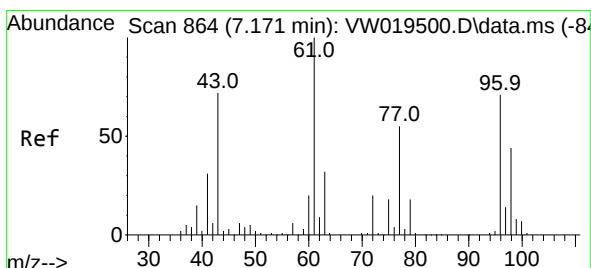
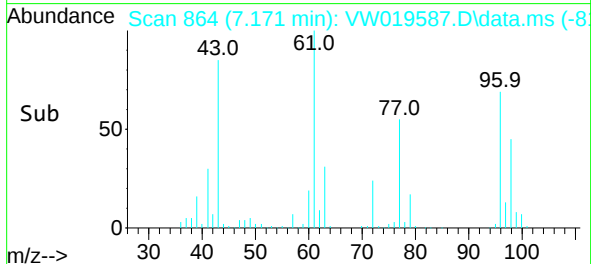
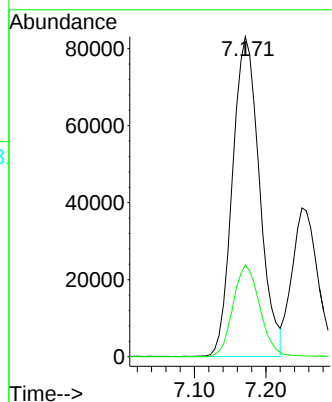
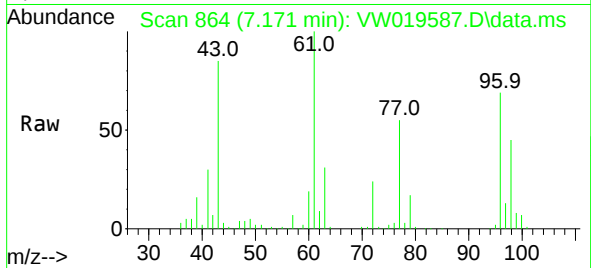




#25  
2-Butanone  
Concen: 286.107 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

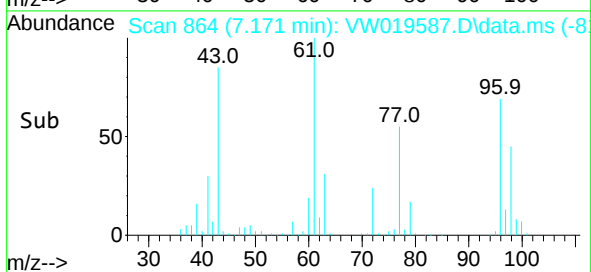
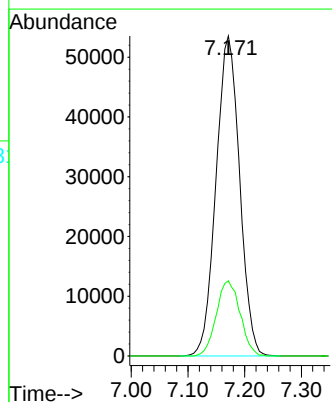
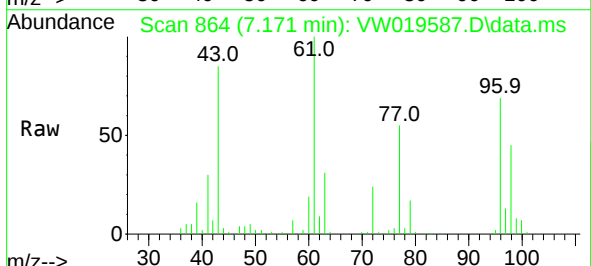
Instrument :  
MSVOA\_W  
ClientSampled :

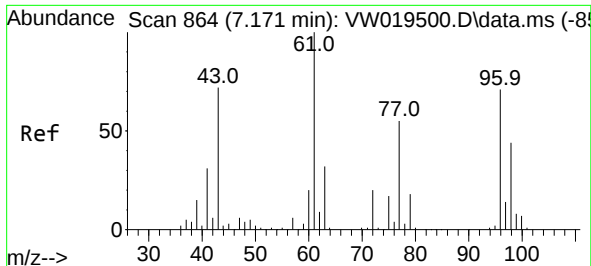
Tgt Ion: 43 Resp: 217405  
Ion Ratio Lower Upper  
43 100  
72 28.7 21.4 32.0



#26  
2,2-Dichloropropane  
Concen: 52.880 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion: 77 Resp: 154264  
Ion Ratio Lower Upper  
77 100  
97 23.7 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 55.216 ug/l

RT: 7.171 min Scan# 864

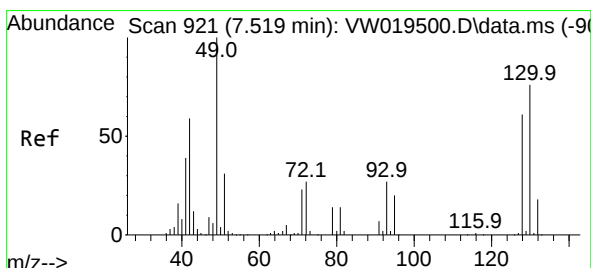
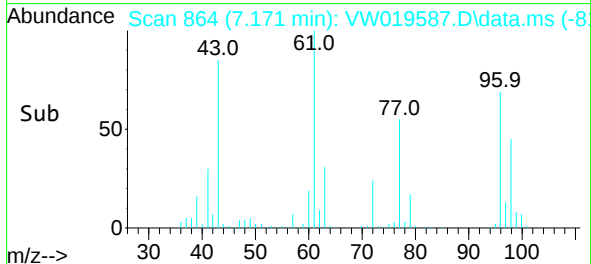
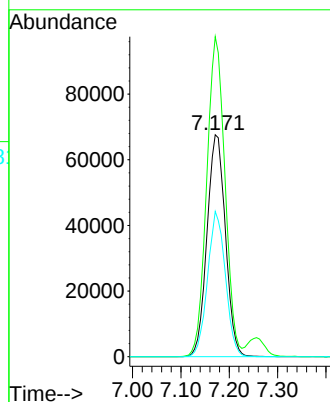
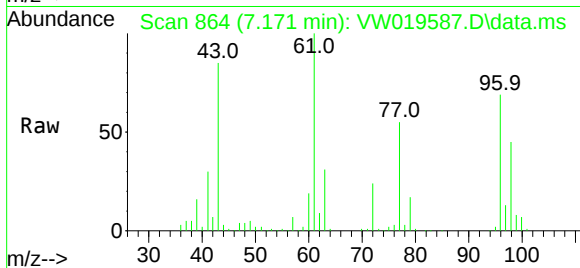
Delta R.T. 0.000 min

Lab File: VW019587.D

Acq: 23 Jul 2021 21:04

Tgt Ion: 96 Resp: 179011

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 142.9 | 0.0   | 289.6 |
| 98  | 63.3  | 0.0   | 127.4 |



#28

Bromochloromethane

Concen: 55.462 ug/l

RT: 7.519 min Scan# 921

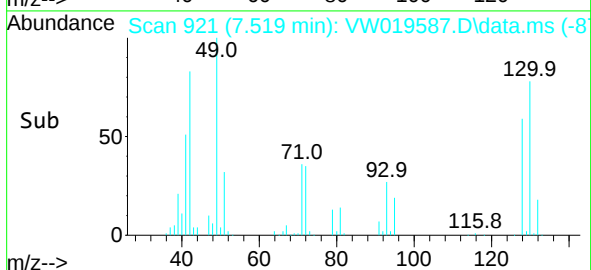
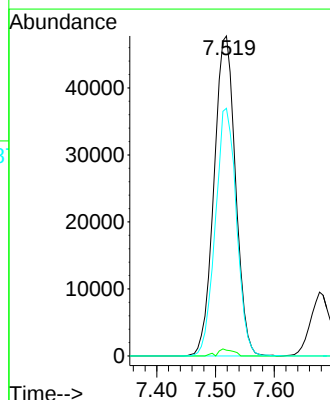
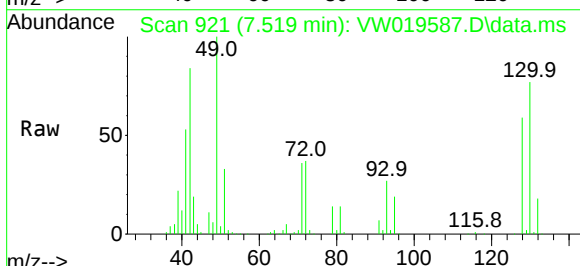
Delta R.T. 0.000 min

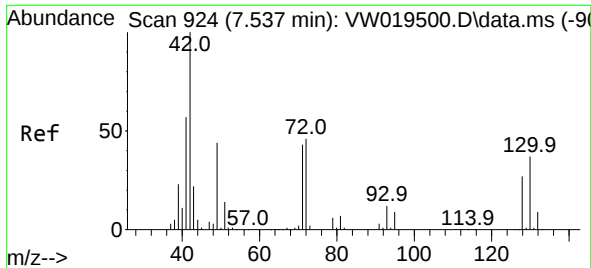
Lab File: VW019587.D

Acq: 23 Jul 2021 21:04

Tgt Ion: 49 Resp: 121350

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.6   | 0.0   | 3.4   |
| 130 | 76.0  | 59.8  | 89.6  |

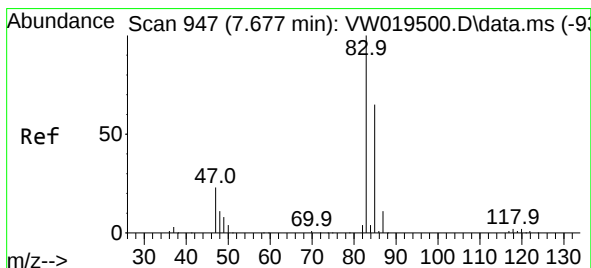
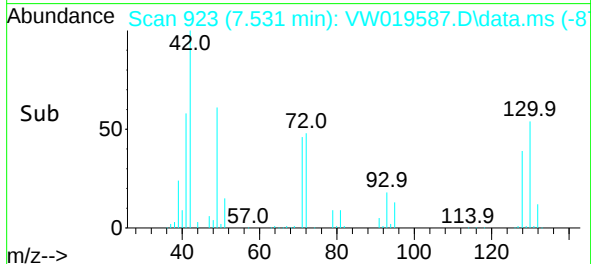
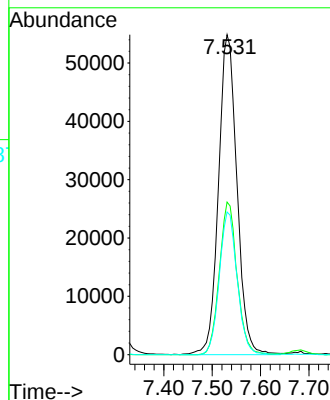
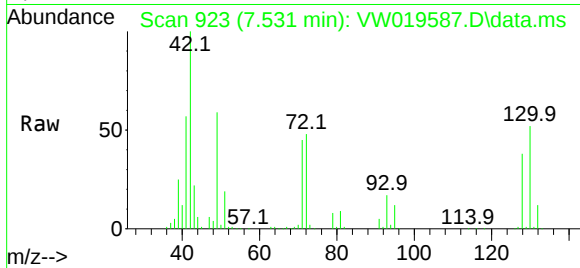




#29  
Tetrahydrofuran  
Concen: 288.507 ug/l  
RT: 7.531 min Scan# 923  
Delta R.T. -0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

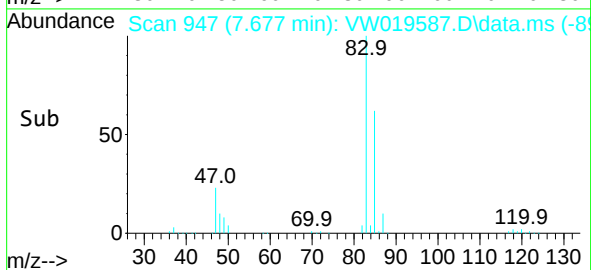
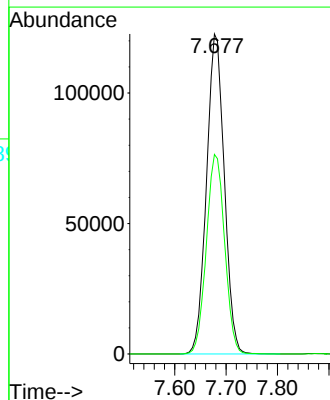
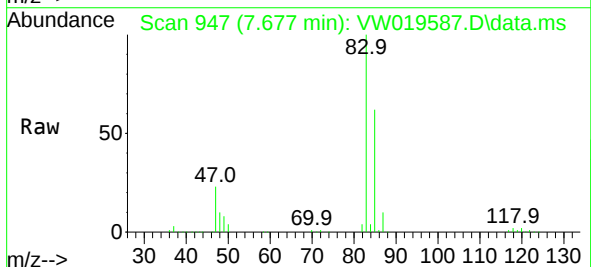
Instrument :  
MSVOA\_W  
ClientSampleId :

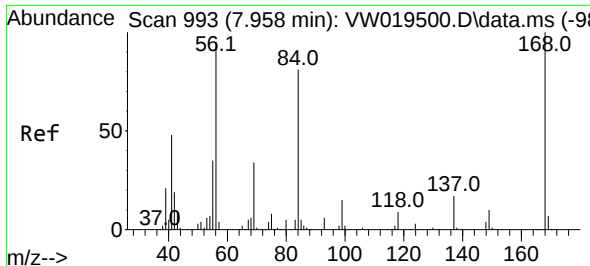
Tgt Ion: 42 Resp: 145638  
Ion Ratio Lower Upper  
42 100  
72 45.7 35.8 53.8  
71 43.2 33.4 50.2



#30  
Chloroform  
Concen: 55.025 ug/l  
RT: 7.677 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

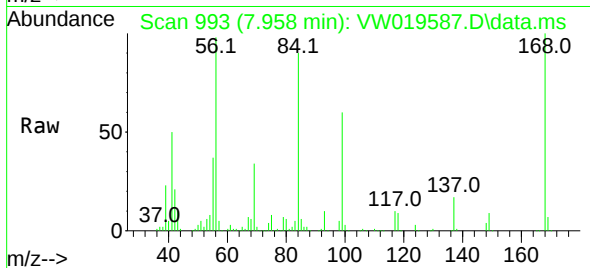
Tgt Ion: 83 Resp: 294645  
Ion Ratio Lower Upper  
83 100  
85 62.4 52.1 78.1



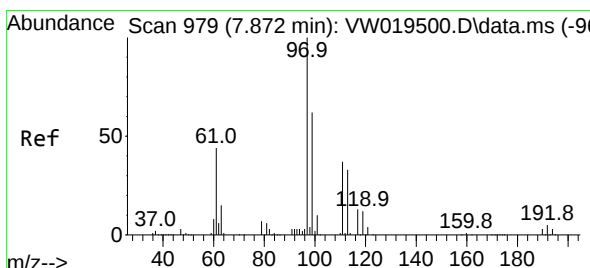
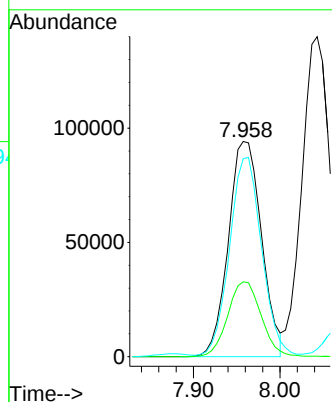
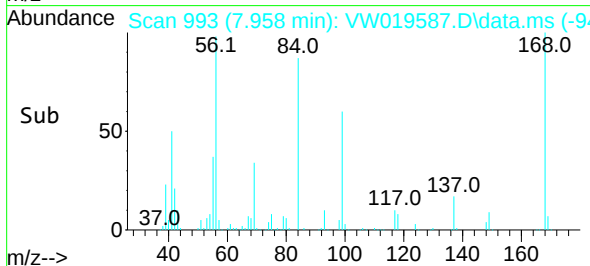


#31  
Cyclohexane  
Concen: 49.120 ug/l  
RT: 7.958 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

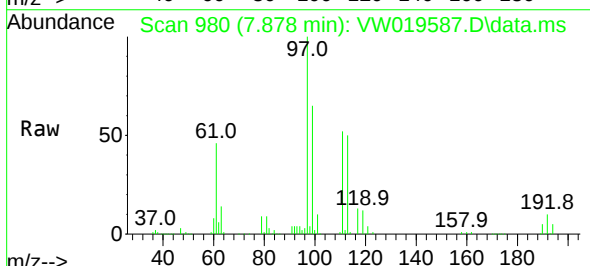
Instrument :  
MSVOA\_W  
ClientSampleId :



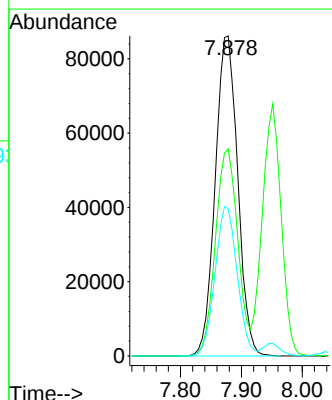
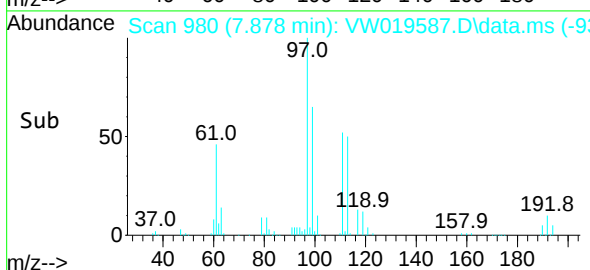
Tgt Ion: 56 Resp: 250691  
Ion Ratio Lower Upper  
56 100  
69 34.8 28.3 42.5  
84 90.7 68.1 102.1

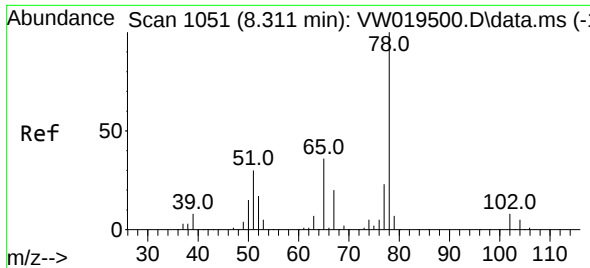


#32  
1,1,1-Trichloroethane  
Concen: 55.564 ug/l  
RT: 7.878 min Scan# 980  
Delta R.T. 0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04



Tgt Ion: 97 Resp: 220962  
Ion Ratio Lower Upper  
97 100  
99 64.8 52.0 78.0  
61 46.3 36.5 54.7

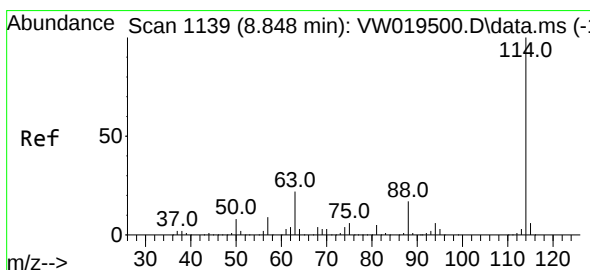
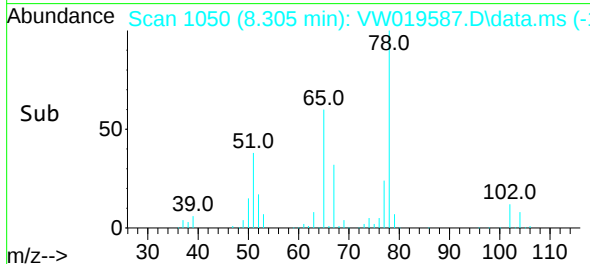
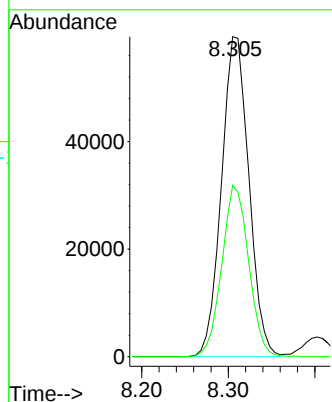
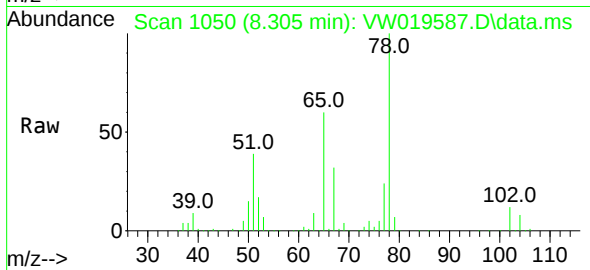




#33  
1,2-Dichloroethane-d4  
Concen: 56.200 ug/l  
RT: 8.305 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

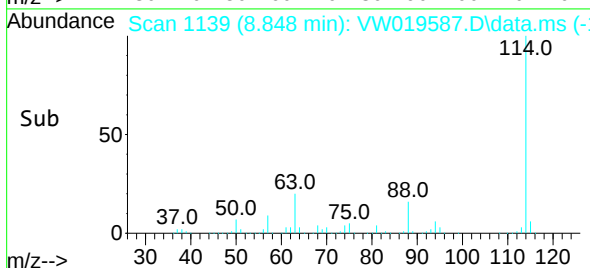
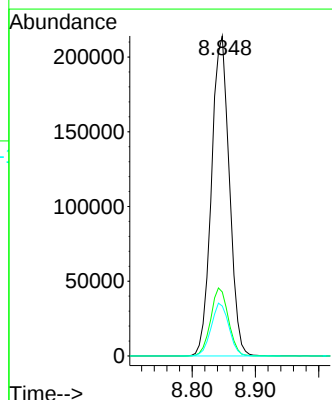
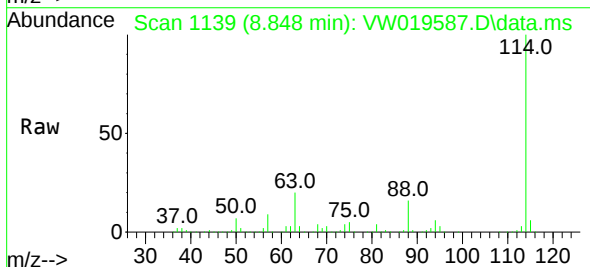
Instrument :  
MSVOA\_W  
ClientSampleId :

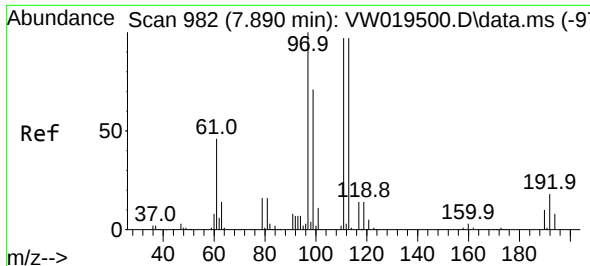
Tgt Ion: 65 Resp: 130757  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 107.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.848 min Scan# 1139  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion: 114 Resp: 418212  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 43.8  
88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.118 ug/l

RT: 7.890 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW019587.D

Acq: 23 Jul 2021 21:04

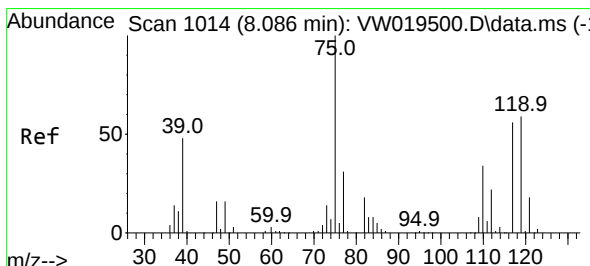
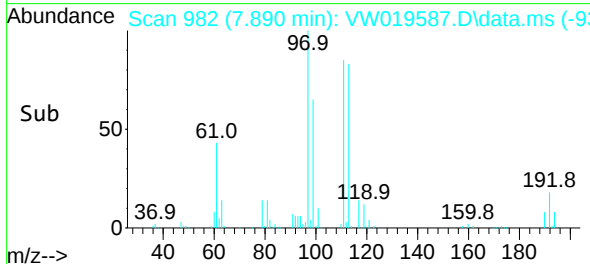
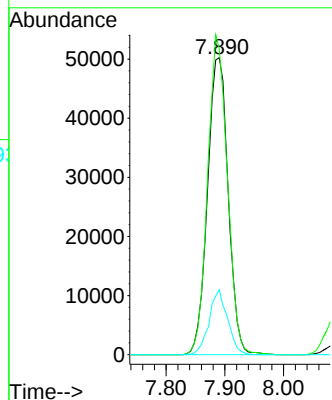
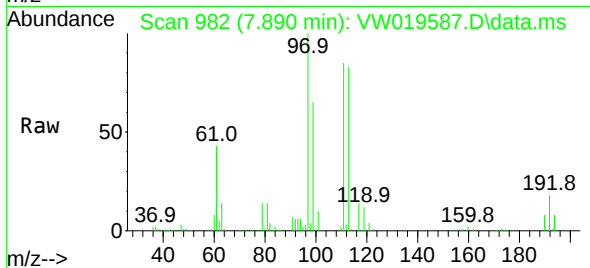
Tgt Ion:113 Resp: 122946

Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 19.5 15.4 23.2



#36

1,1-Dichloropropene

Concen: 50.652 ug/l

RT: 8.086 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW019587.D

Acq: 23 Jul 2021 21:04

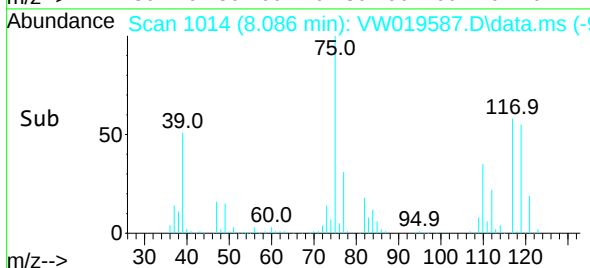
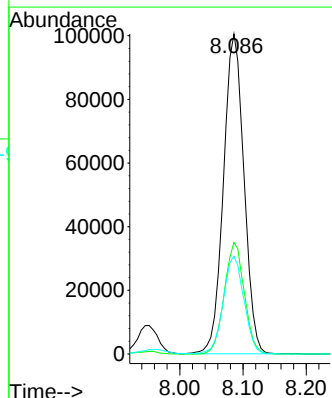
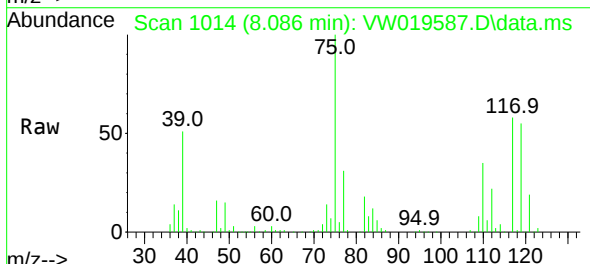
Tgt Ion: 75 Resp: 225831

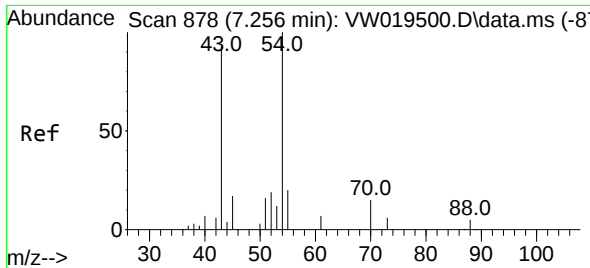
Ion Ratio Lower Upper

75 100

110 34.0 16.6 49.7

77 30.9 25.1 37.7

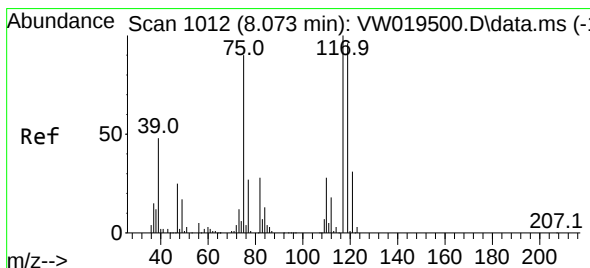
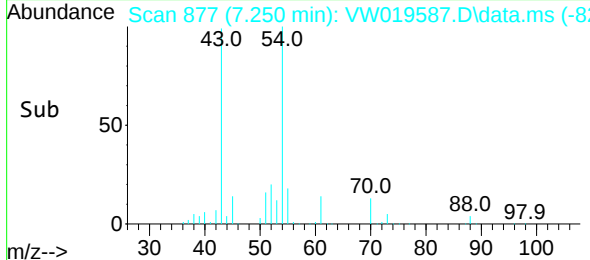
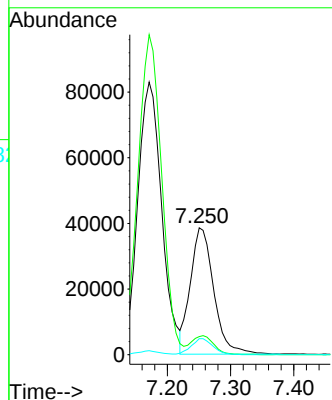
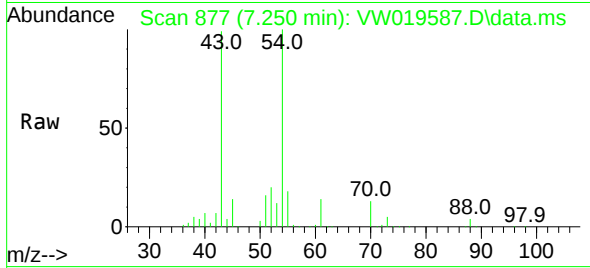




#37  
Ethyl Acetate  
Concen: 53.103 ug/l  
RT: 7.250 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

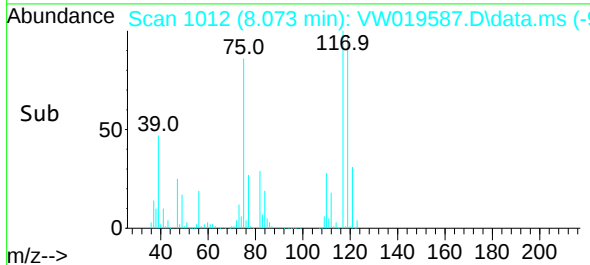
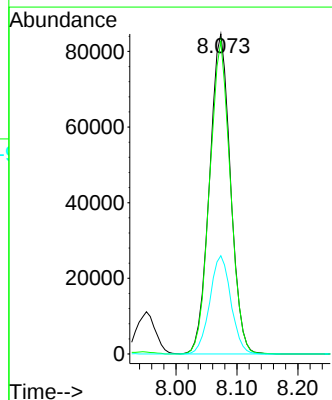
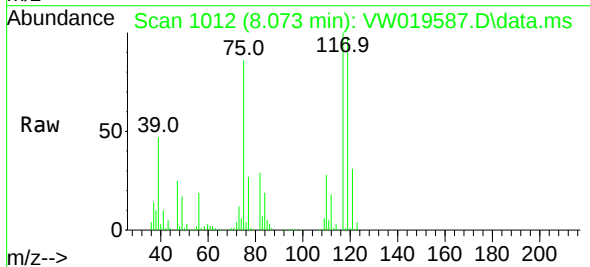
Instrument :  
MSVOA\_W  
ClientSampled :

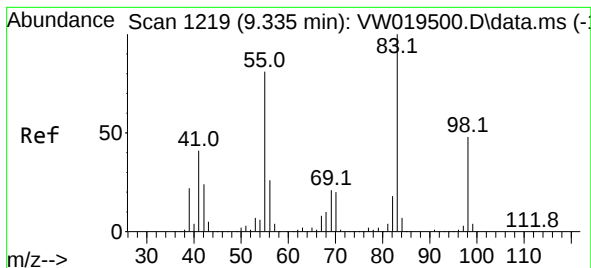
Tgt Ion: 43 Resp: 99224  
Ion Ratio Lower Upper  
43 100  
61 14.1 11.5 17.3  
70 11.8 9.4 14.0



#38  
Carbon Tetrachloride  
Concen: 51.947 ug/l  
RT: 8.073 min Scan# 1012  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

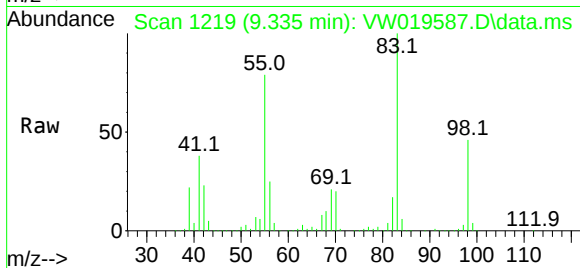
Tgt Ion: 117 Resp: 202328  
Ion Ratio Lower Upper  
117 100  
119 97.7 76.7 115.1  
121 30.7 24.8 37.2



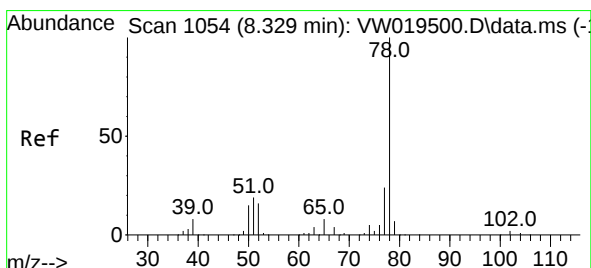
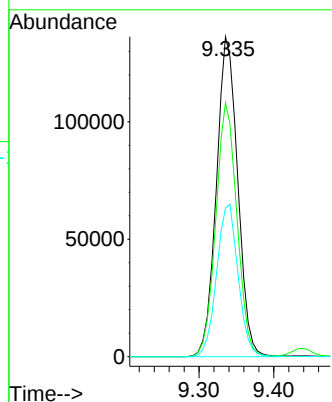
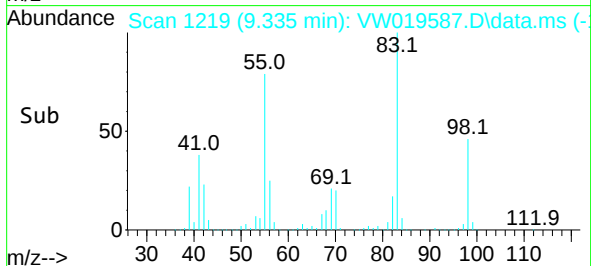


#39  
Methylcyclohexane  
Concen: 51.056 ug/l  
RT: 9.335 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

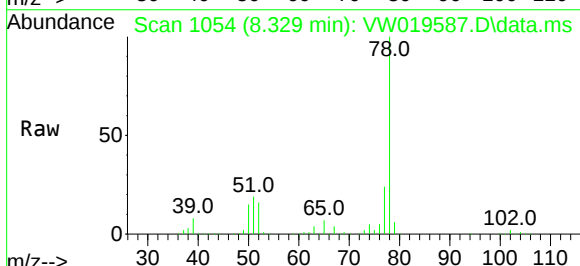
Instrument :  
MSVOA\_W  
ClientSampled :



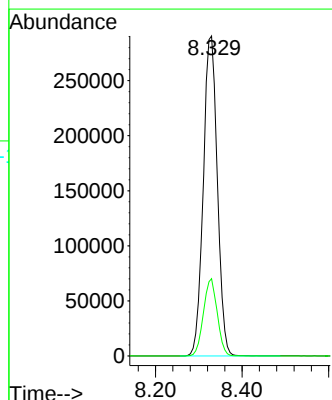
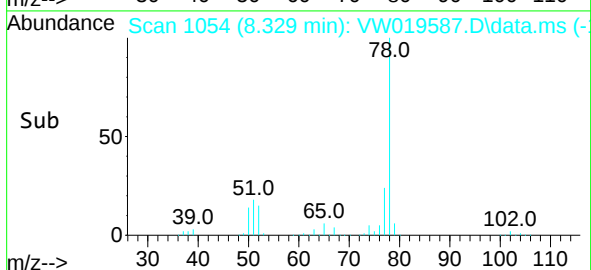
Tgt Ion: 83 Resp: 270561  
Ion Ratio Lower Upper  
83 100  
55 79.4 64.9 97.3  
98 46.5 38.1 57.1

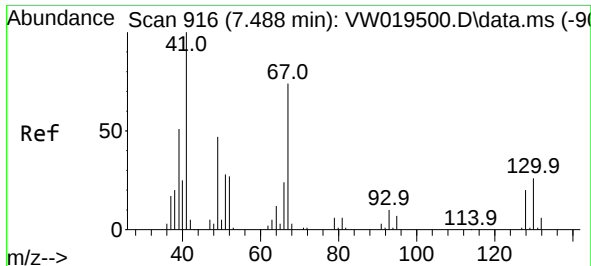


#40  
Benzene  
Concen: 52.378 ug/l  
RT: 8.329 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04



Tgt Ion: 78 Resp: 653590  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.2 28.8

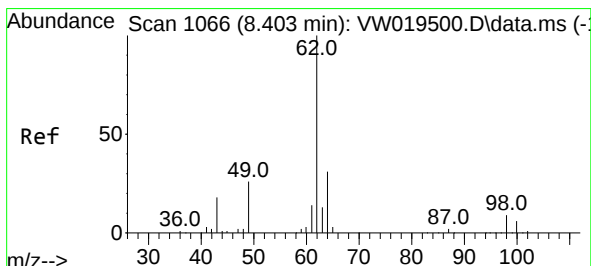
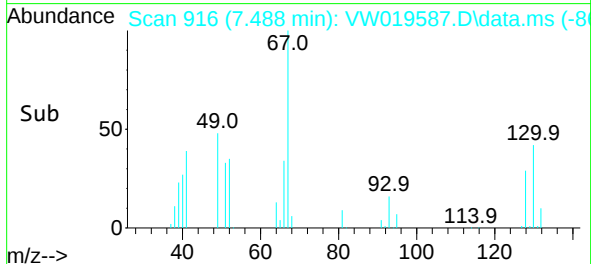
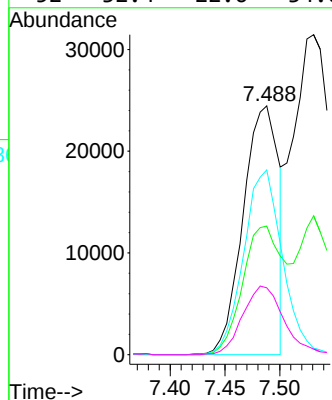
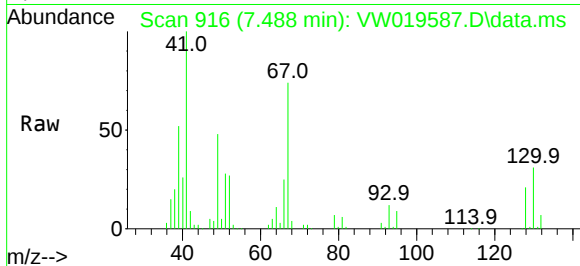




#41  
Methacrylonitrile  
Concen: 51.754 ug/l  
RT: 7.488 min Scan# 916  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

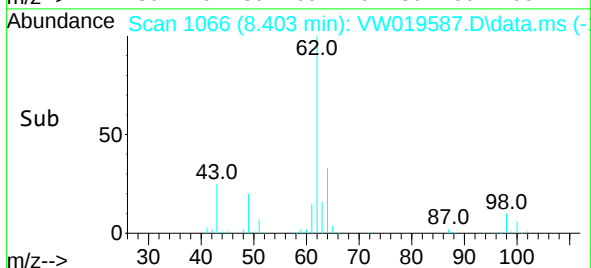
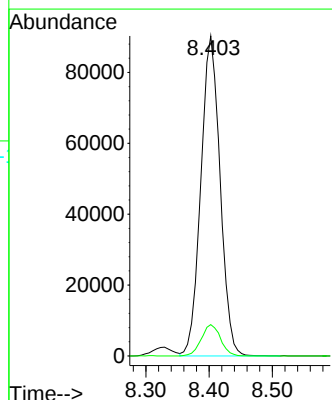
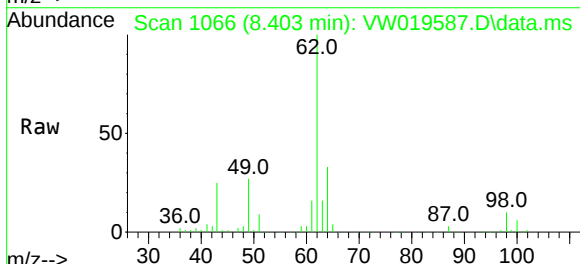
Instrument :  
MSVOA\_W  
ClientSampleId :

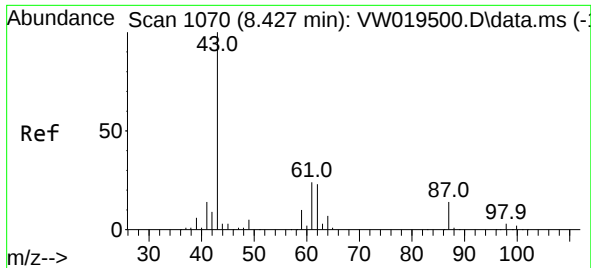
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 54904 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.3  | 41.6  | 62.4  |
| 67       | 81.8  | 55.3  | 82.9  |
| 52       | 32.4  | 22.6  | 34.0  |



#42  
1,2-Dichloroethane  
Concen: 53.169 ug/l  
RT: 8.403 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 191410 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.8   | 0.0   | 18.4   |

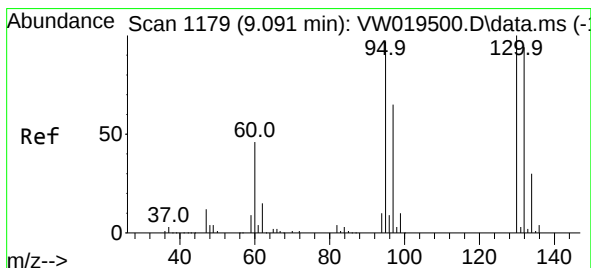
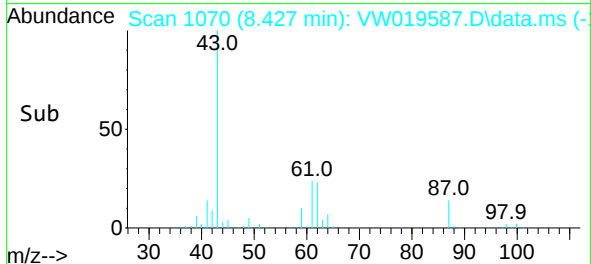
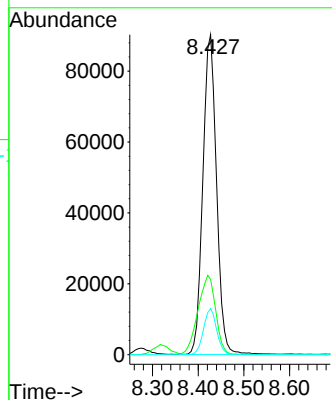
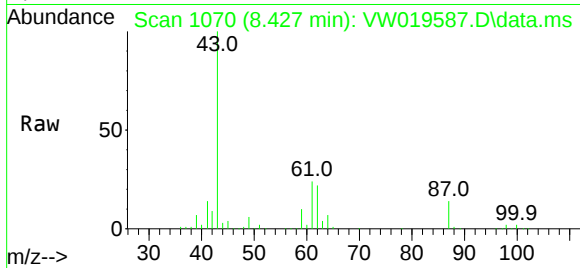




#43  
Isopropyl Acetate  
Concen: 53.493 ug/l  
RT: 8.427 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

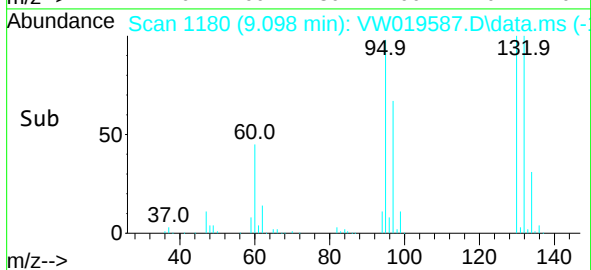
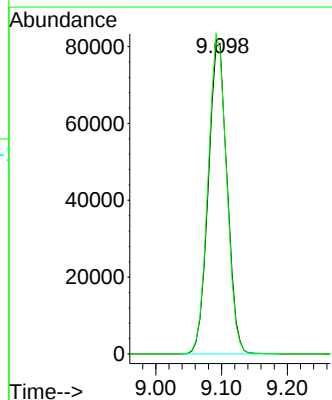
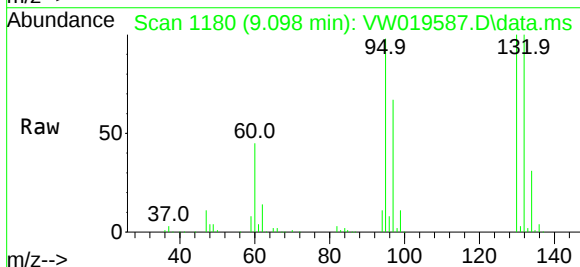
Instrument :  
MSVOA\_W  
ClientSampleId :

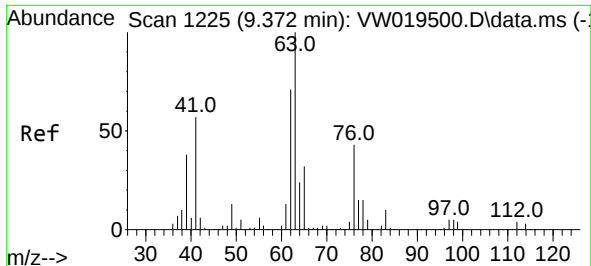
Tgt Ion: 43 Resp: 186852  
Ion Ratio Lower Upper  
43 100  
61 32.1 26.2 39.4  
87 13.9 11.0 16.6



#44  
Trichloroethene  
Concen: 51.233 ug/l  
RT: 9.098 min Scan# 1180  
Delta R.T. 0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion:130 Resp: 161104  
Ion Ratio Lower Upper  
130 100  
95 97.7 0.0 194.6





#45

1,2-Dichloropropane

Concen: 52.748 ug/l

RT: 9.372 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VW019587.D

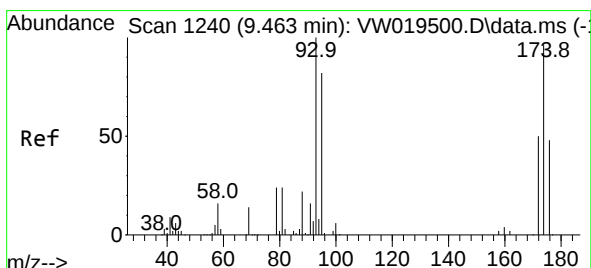
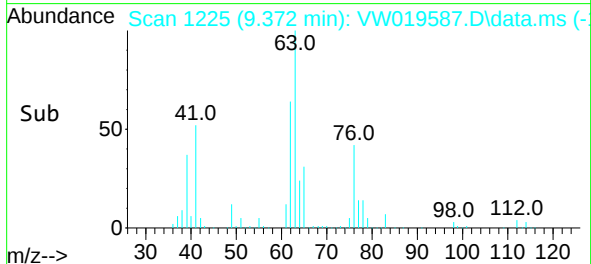
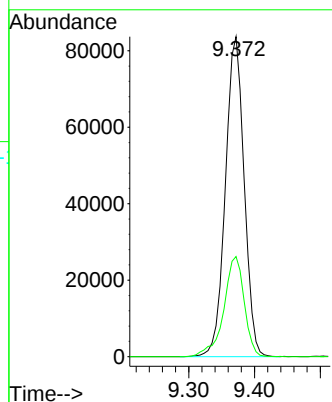
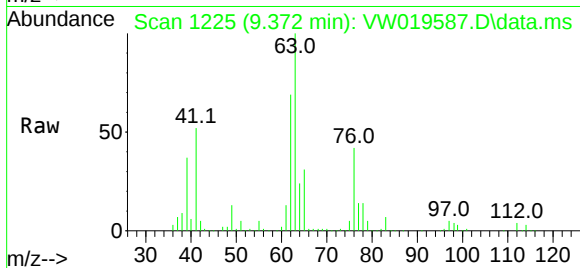
Acq: 23 Jul 2021 21:04

Tgt Ion: 63 Resp: 166228

Ion Ratio Lower Upper

63 100

65 31.3 25.3 37.9



#46

Dibromomethane

Concen: 53.300 ug/l

RT: 9.463 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VW019587.D

Acq: 23 Jul 2021 21:04

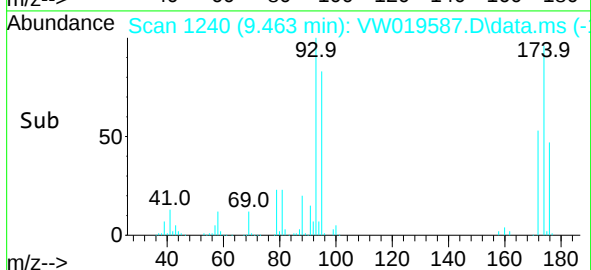
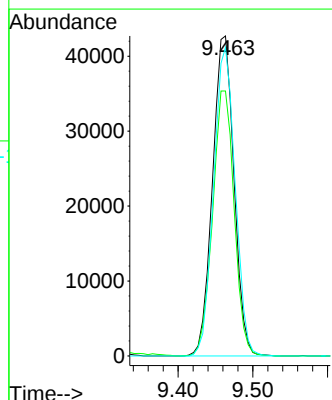
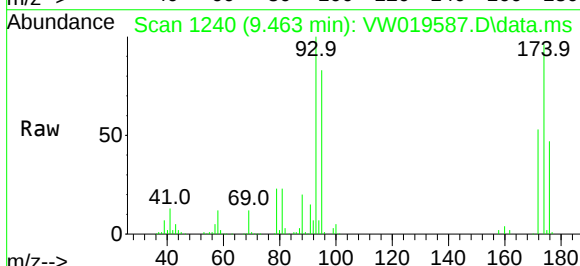
Tgt Ion: 93 Resp: 85202

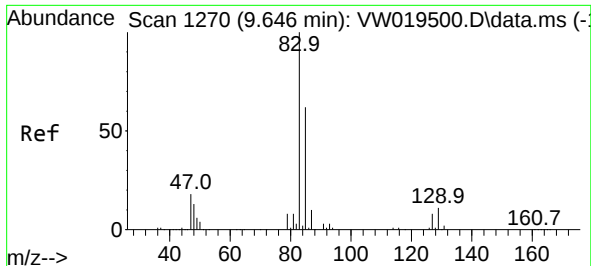
Ion Ratio Lower Upper

93 100

95 83.2 66.0 99.0

174 96.7 75.0 112.6

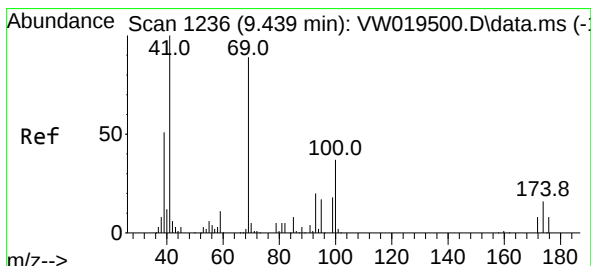
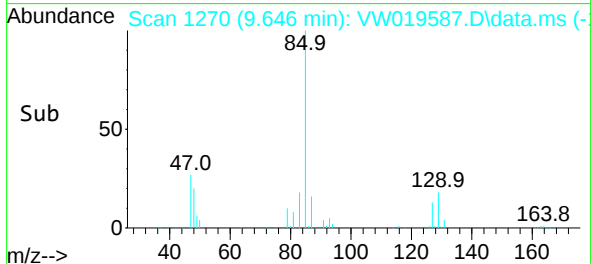
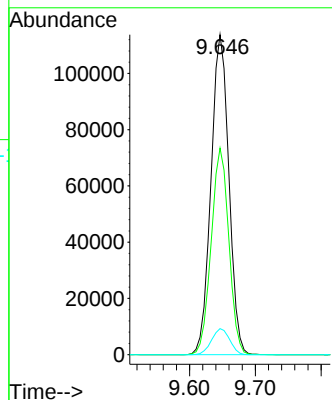
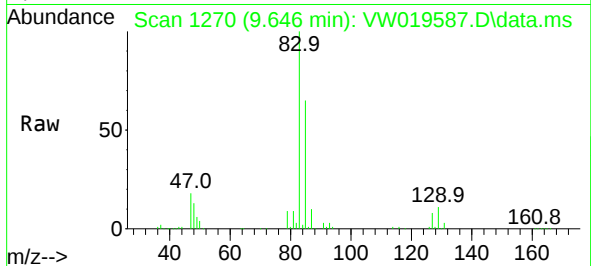




#47  
Bromodichloromethane  
Concen: 53.593 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

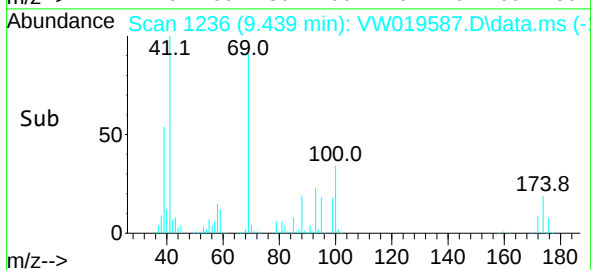
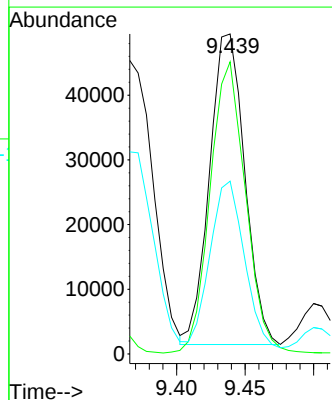
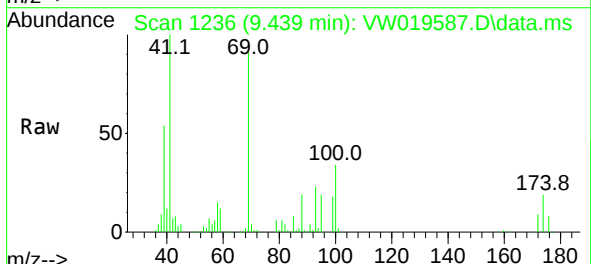
Instrument :  
MSVOA\_W  
ClientSampleId :

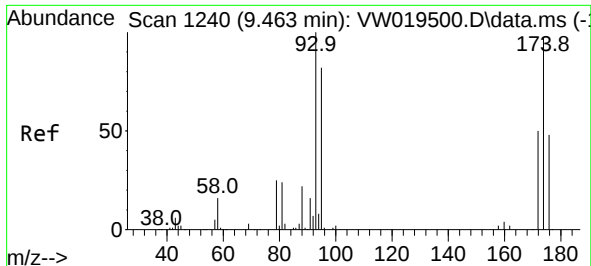
Tgt Ion: 83 Resp: 215188  
Ion Ratio Lower Upper  
83 100  
85 64.6 49.9 74.9  
127 8.2 6.2 9.4



#48  
Methyl methacrylate  
Concen: 53.632 ug/l  
RT: 9.439 min Scan# 1236  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion: 41 Resp: 85834  
Ion Ratio Lower Upper  
41 100  
69 94.9 74.5 111.7  
39 51.8 41.1 61.7

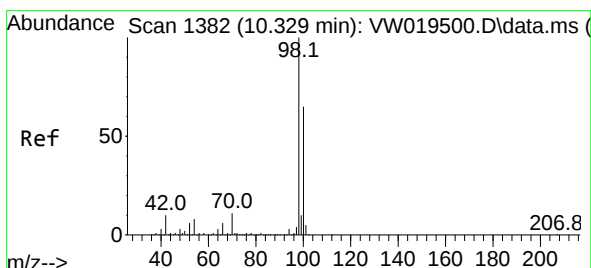
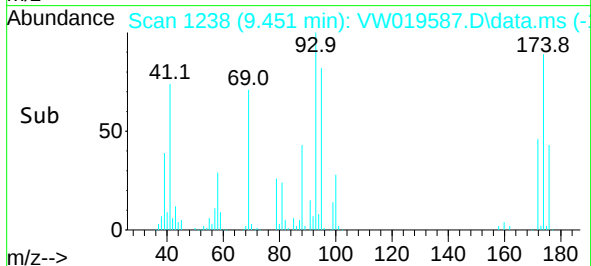
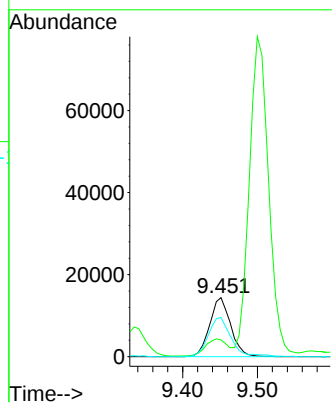
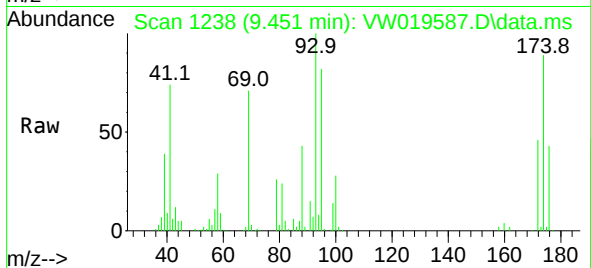




#49  
1,4-Dioxane  
Concen: 1187.335 ug/l  
RT: 9.451 min Scan# 1238  
Delta R.T. -0.012 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

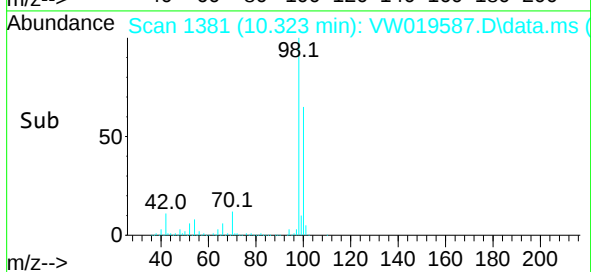
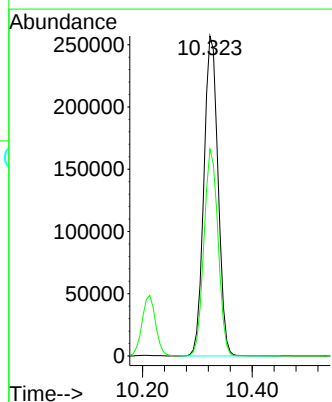
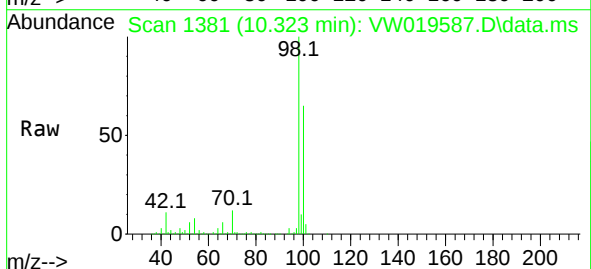
Instrument :  
MSVOA\_W  
ClientSampled :

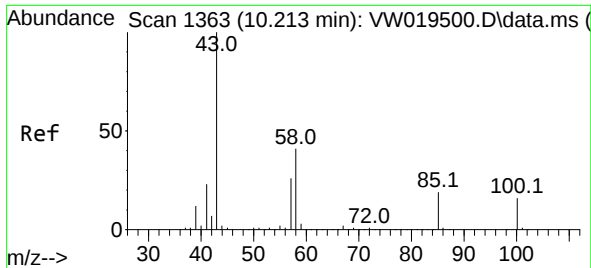
Tgt Ion: 88 Resp: 28080  
Ion Ratio Lower Upper  
88 100  
43 29.5 0.0 0.0#  
58 72.6 61.8 92.6



#50  
Toluene-d8  
Concen: 46.362 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion: 98 Resp: 458654  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.2 78.4

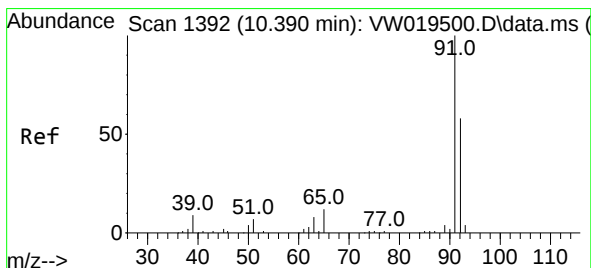
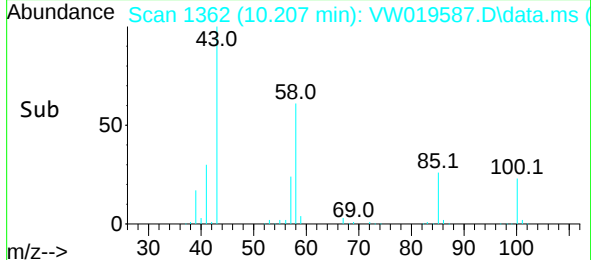
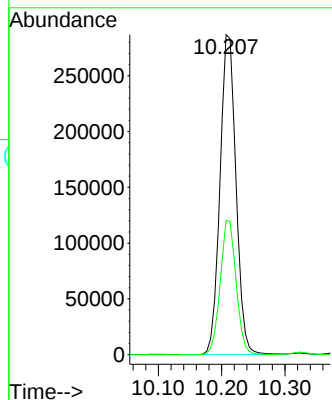
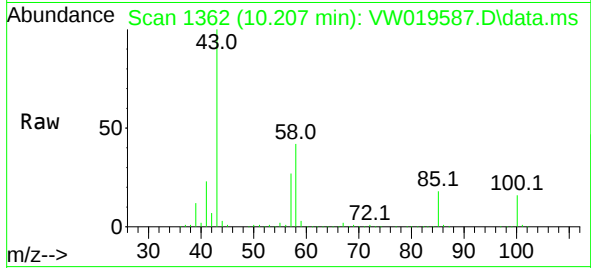




#51  
4-Methyl-2-Pentanone  
Concen: 278.452 ug/l  
RT: 10.207 min Scan# 1362  
Delta R.T. -0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

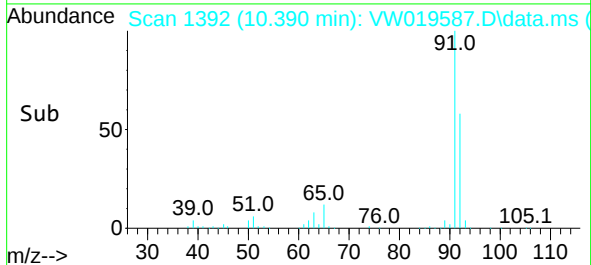
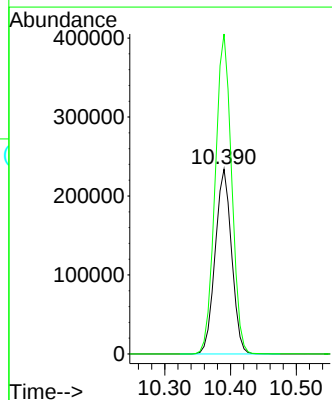
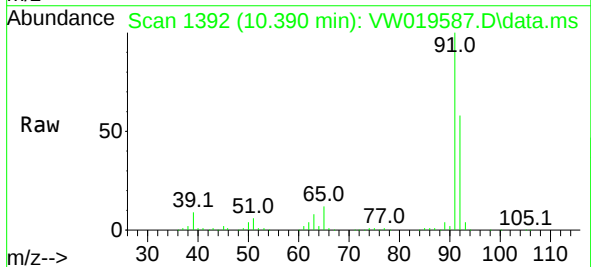
Instrument :  
MSVOA\_W  
ClientSampled :

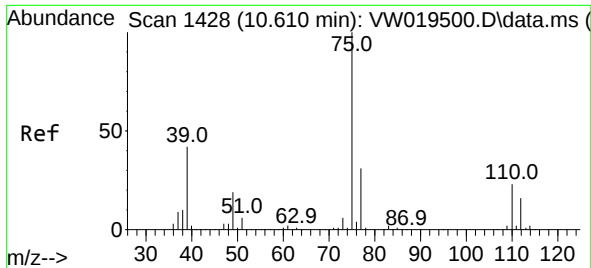
Tgt Ion: 43 Resp: 501691  
Ion Ratio Lower Upper  
43 100  
58 41.7 33.4 50.0



#52  
Toluene  
Concen: 52.472 ug/l  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion: 92 Resp: 406433  
Ion Ratio Lower Upper  
92 100  
91 173.3 139.3 208.9

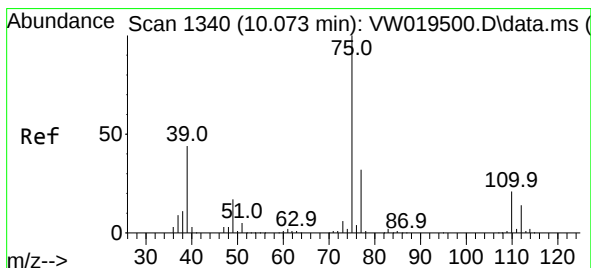
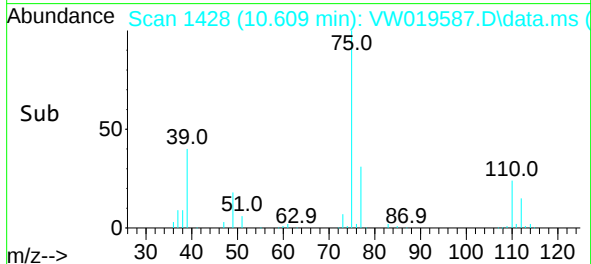
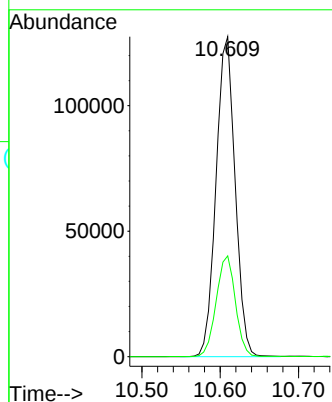
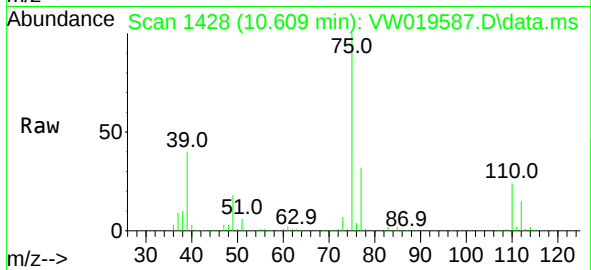




#53  
t-1,3-Dichloropropene  
Concen: 52.654 ug/l  
RT: 10.609 min Scan# 1428  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

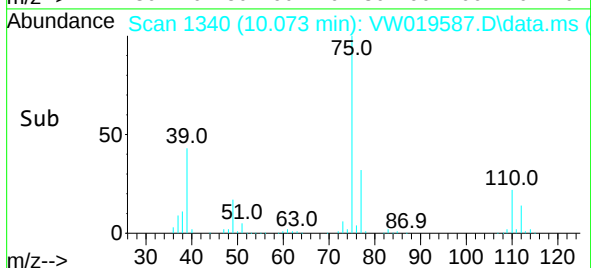
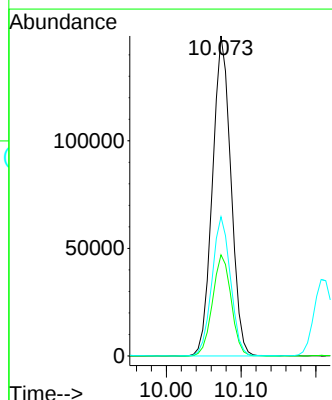
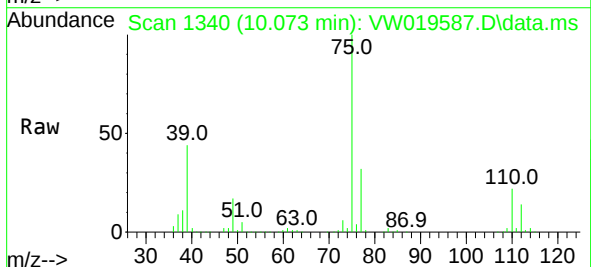
Instrument :  
MSVOA\_W  
ClientSampled :

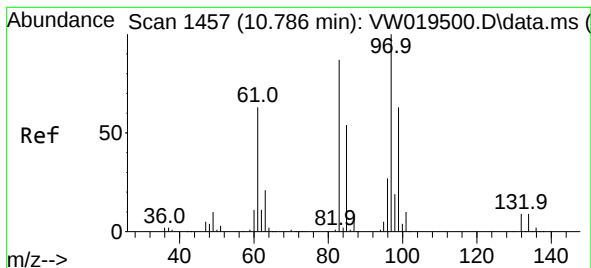
Tgt Ion: 75 Resp: 215657  
Ion Ratio Lower Upper  
75 100  
77 31.5 24.9 37.3



#54  
cis-1,3-Dichloropropene  
Concen: 52.323 ug/l  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion: 75 Resp: 254993  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.4 38.0  
39 43.5 35.3 52.9

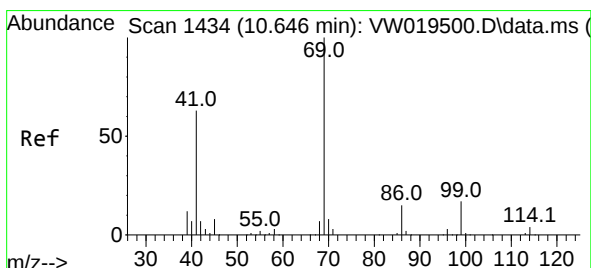
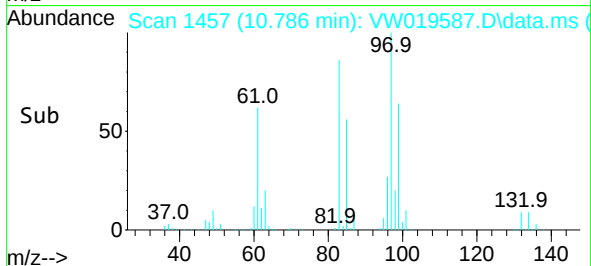
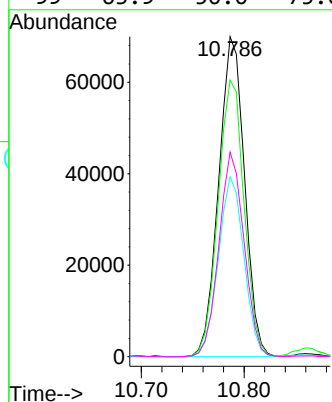
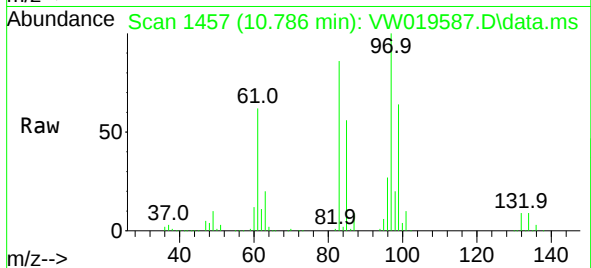




#55  
1,1,2-Trichloroethane  
Concen: 54.172 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

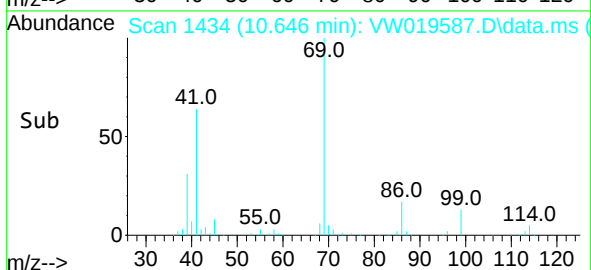
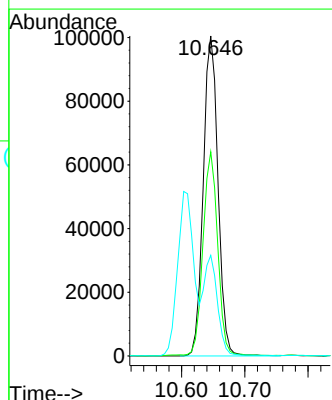
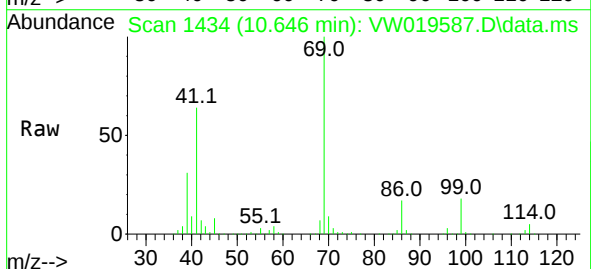
Instrument :  
MSVOA\_W  
ClientSampleId :

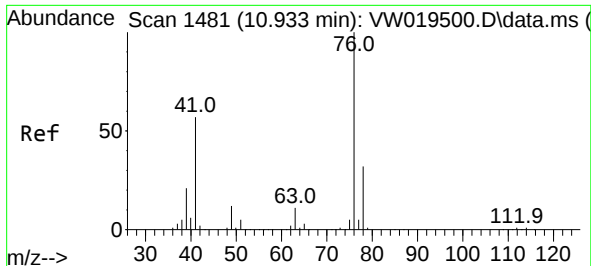
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 121963 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.4  | 69.4  | 104.2  |
| 85       | 56.2  | 43.3  | 64.9   |
| 99       | 63.9  | 50.0  | 75.0   |



#56  
Ethyl methacrylate  
Concen: 55.339 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 163135 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 63.9  | 51.0  | 76.6   |
| 39       | 29.3  | 23.9  | 35.9   |

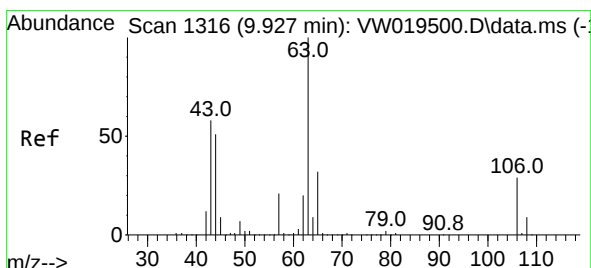
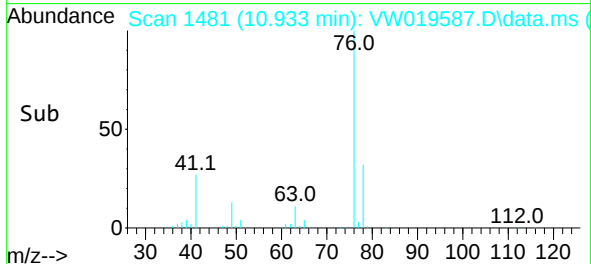
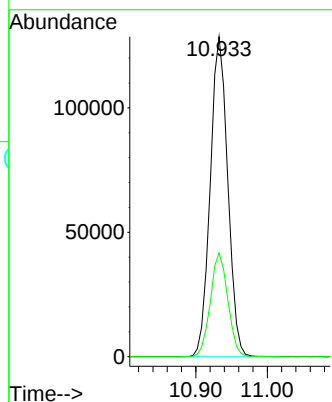
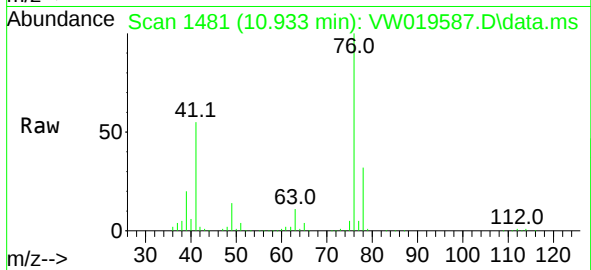




#57  
1,3-Dichloropropane  
Concen: 53.679 ug/l  
RT: 10.933 min Scan# 1481  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

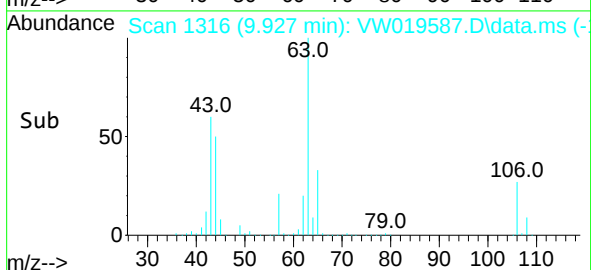
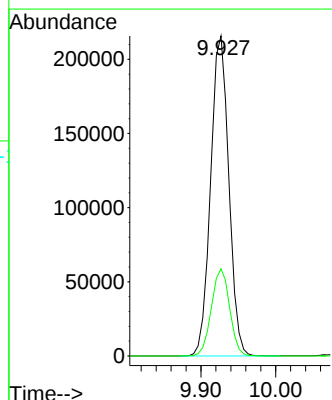
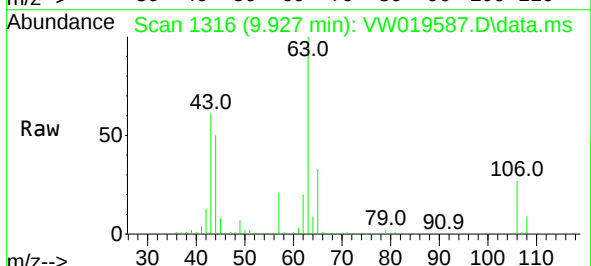
Instrument :  
MSVOA\_W  
ClientSampleId :

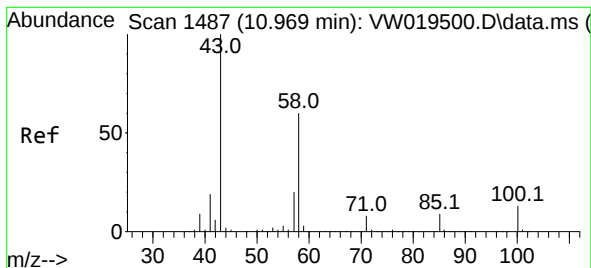
Tgt Ion: 76 Resp: 218581  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 266.904 ug/l  
RT: 9.927 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion: 63 Resp: 364131  
Ion Ratio Lower Upper  
63 100  
106 27.3 22.6 33.8

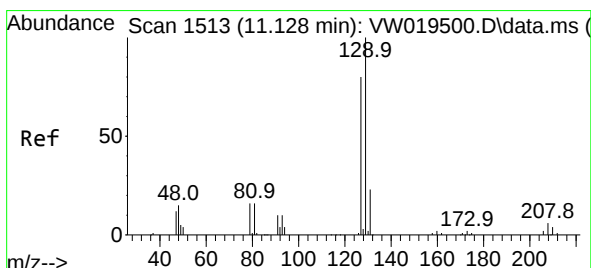
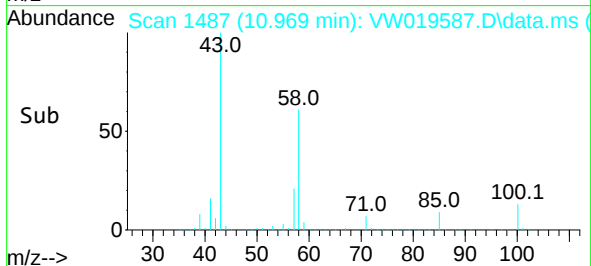
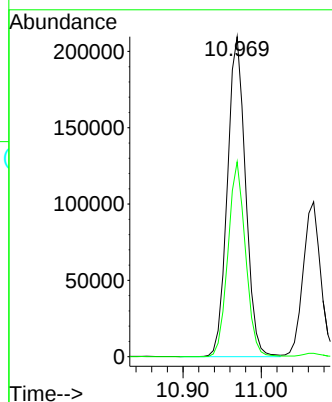
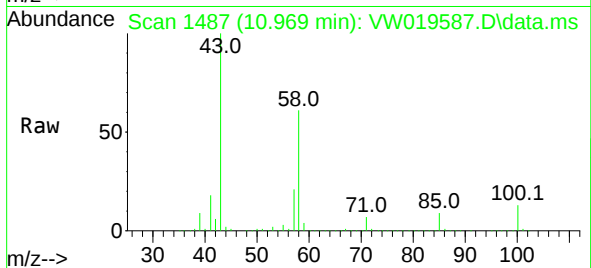




#59  
2-Hexanone  
Concen: 282.451 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

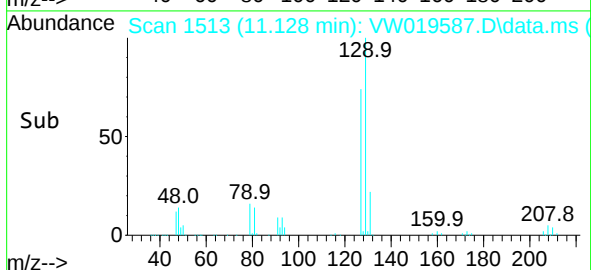
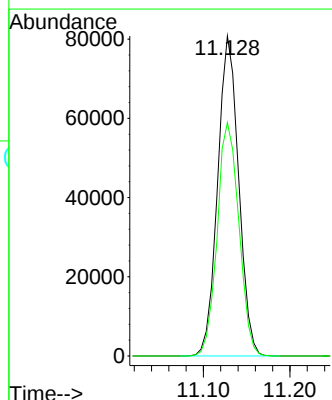
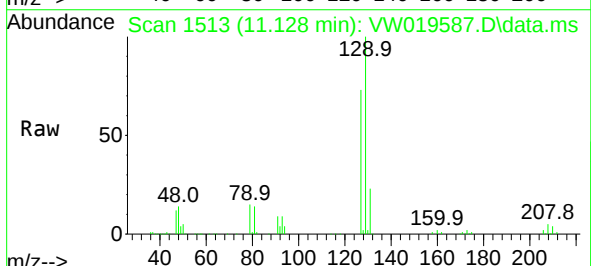
Instrument :  
MSVOA\_W  
ClientSampled :

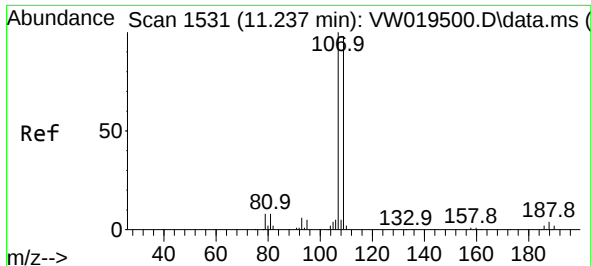
Tgt Ion: 43 Resp: 337635  
Ion Ratio Lower Upper  
43 100  
58 58.8 29.3 87.8



#60  
Dibromochloromethane  
Concen: 55.000 ug/l  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

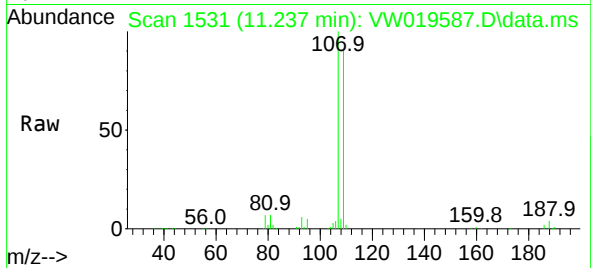
Tgt Ion:129 Resp: 136048  
Ion Ratio Lower Upper  
129 100  
127 75.2 39.8 119.4



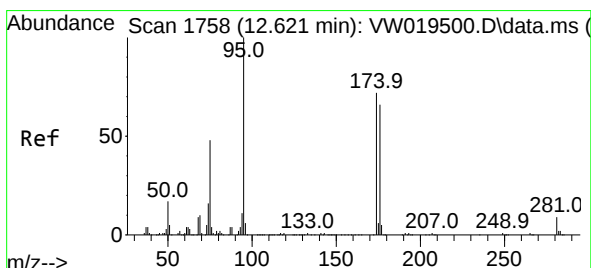
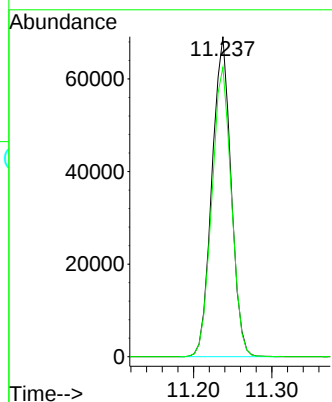
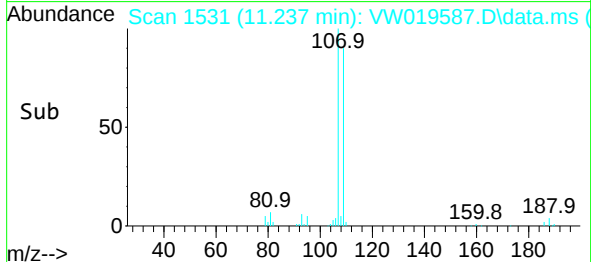


#61  
1,2-Dibromoethane  
Concen: 54.952 ug/l  
RT: 11.237 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

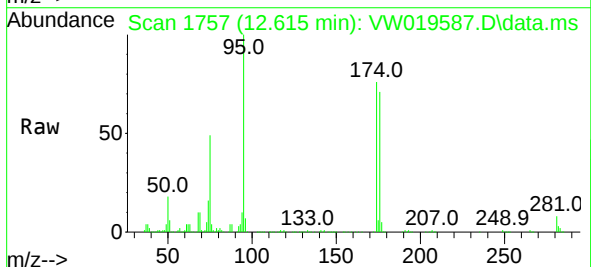
Instrument :  
MSVOA\_W  
ClientSampleId :



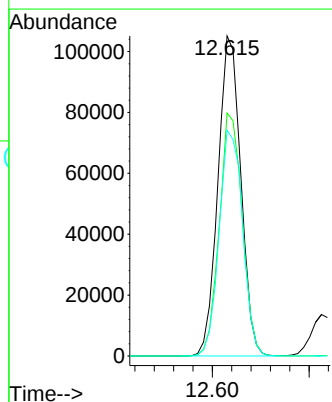
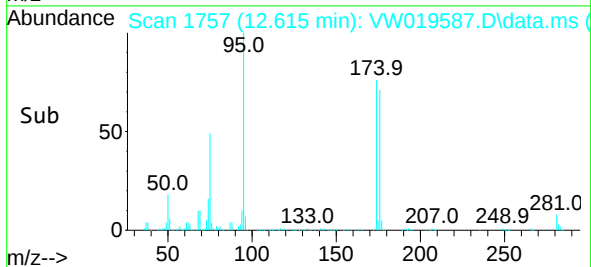
Tgt Ion:107 Resp: 116794  
Ion Ratio Lower Upper  
107 100  
109 92.8 76.6 114.8

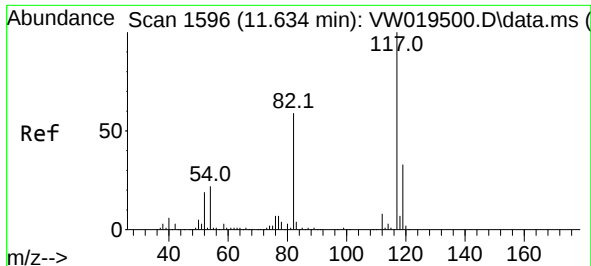


#62  
4-Bromofluorobenzene  
Concen: 46.376 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. -0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04



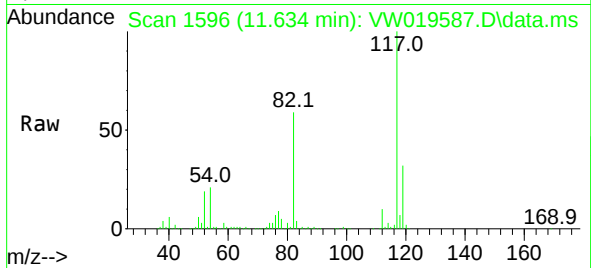
Tgt Ion: 95 Resp: 172094  
Ion Ratio Lower Upper  
95 100  
174 76.2 0.0 146.6  
176 72.5 0.0 136.8



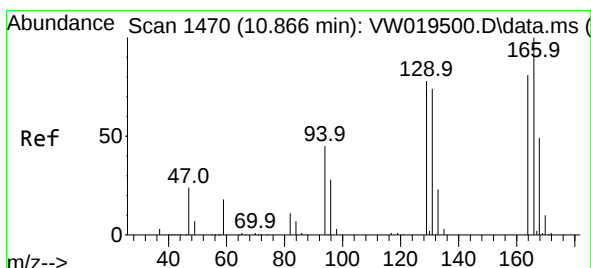
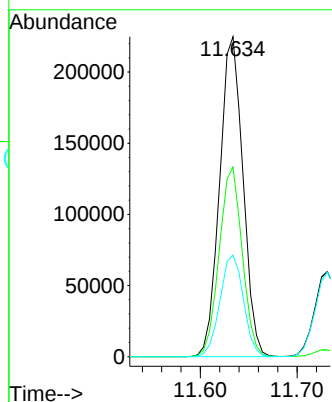
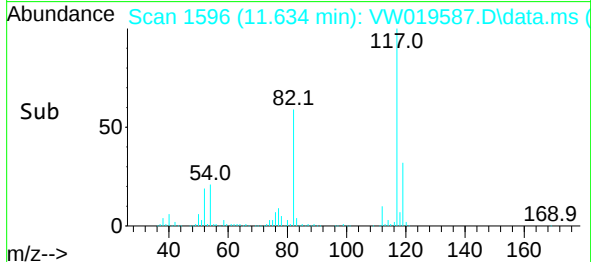


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

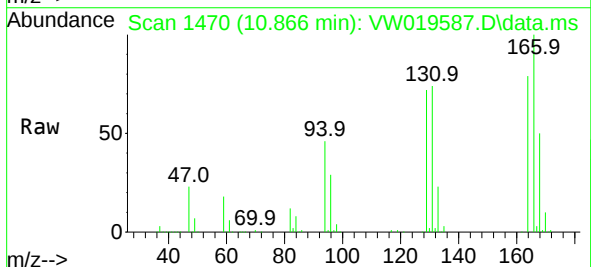
Instrument :  
MSVOA\_W  
ClientSampled :



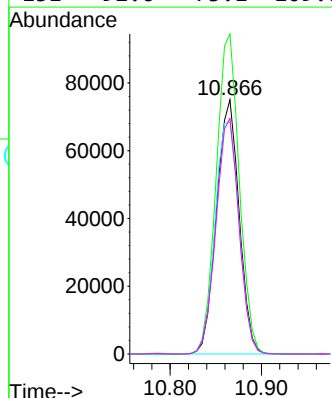
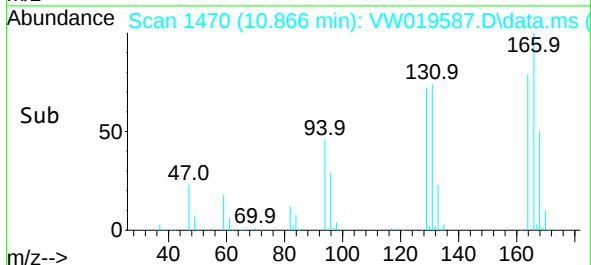
Tgt Ion:117 Resp: 376606  
Ion Ratio Lower Upper  
117 100  
82 59.3 47.4 71.0  
119 31.7 26.6 39.8

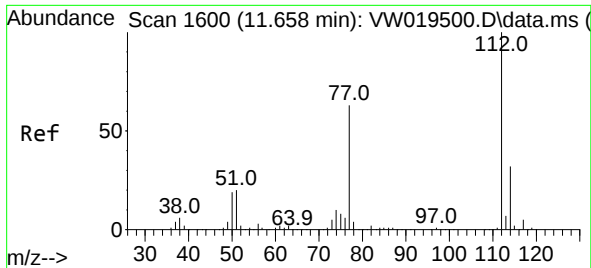


#64  
Tetrachloroethene  
Concen: 51.268 ug/l  
RT: 10.866 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04



Tgt Ion:164 Resp: 129676  
Ion Ratio Lower Upper  
164 100  
166 125.9 98.5 147.7  
129 91.2 76.3 114.5  
131 92.6 73.1 109.7

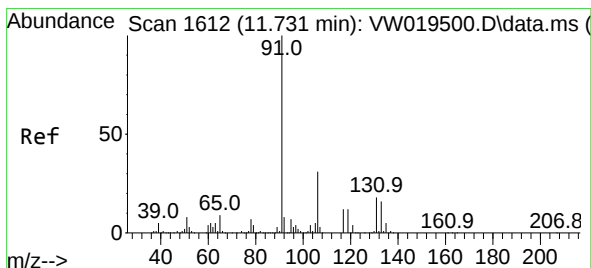
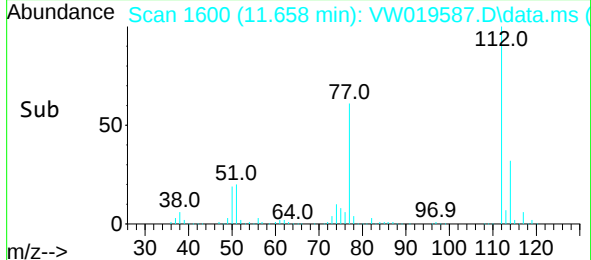
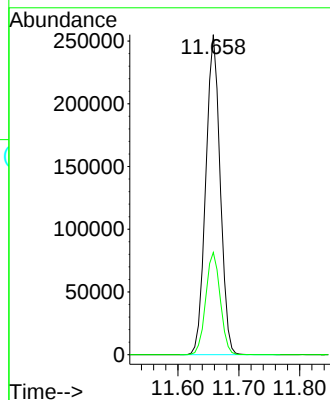
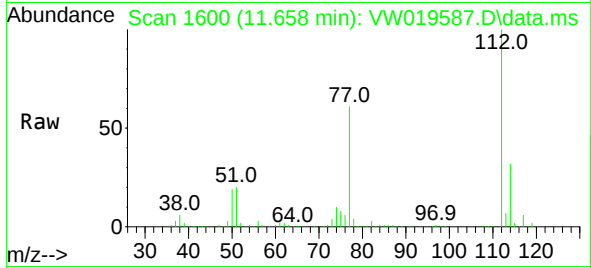




#65  
Chlorobenzene  
Concen: 52.375 ug/l  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

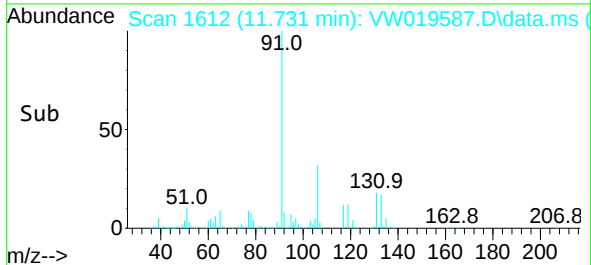
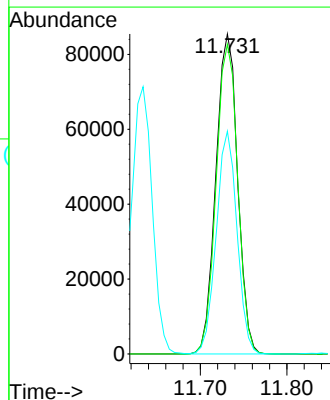
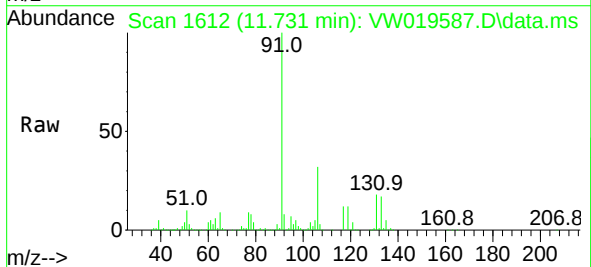
Instrument :  
MSVOA\_W  
ClientSampleId :

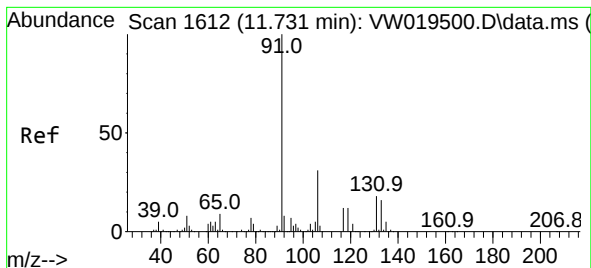
Tgt Ion:112 Resp: 419568  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.968 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion:131 Resp: 148708  
Ion Ratio Lower Upper  
131 100  
133 96.3 46.8 140.3  
119 66.7 32.9 98.6

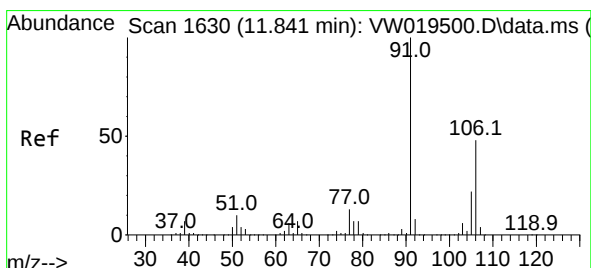
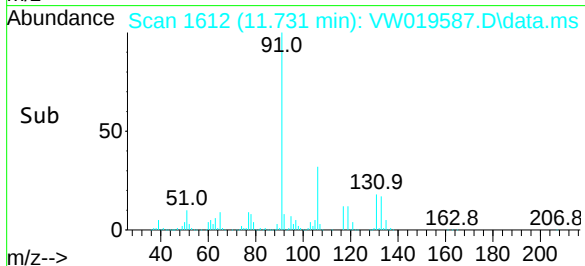
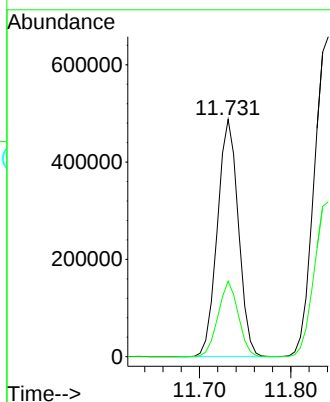
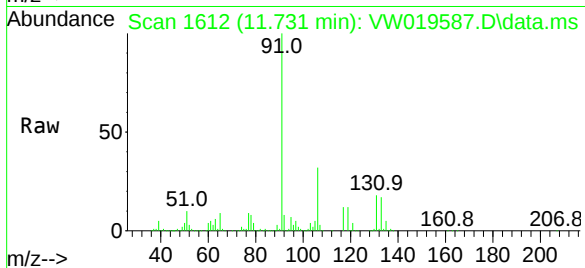




#67  
Ethyl Benzene  
Concen: 53.111 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

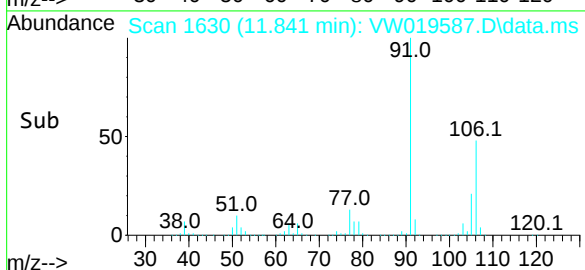
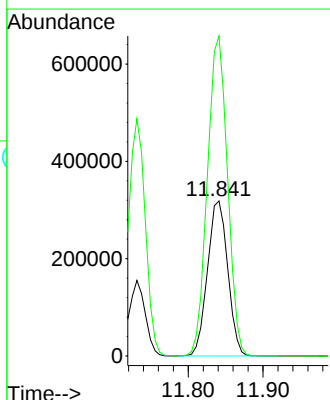
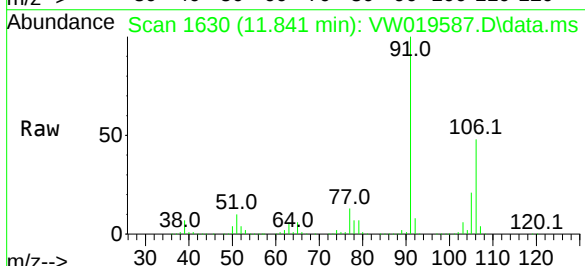
Instrument :  
MSVOA\_W  
ClientSampled :

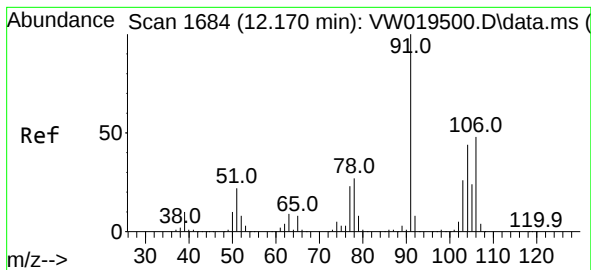
Tgt Ion: 91 Resp: 778858  
Ion Ratio Lower Upper  
91 100  
106 31.8 24.8 37.2



#68  
m/p-Xylenes  
Concen: 106.909 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion: 106 Resp: 599325  
Ion Ratio Lower Upper  
106 100  
91 205.2 164.3 246.5

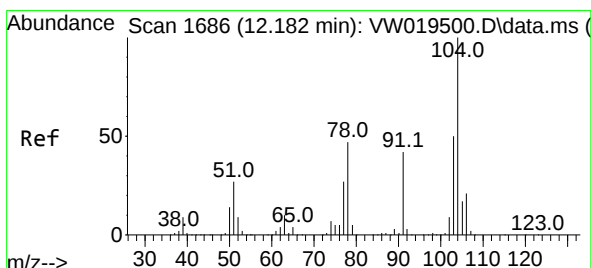
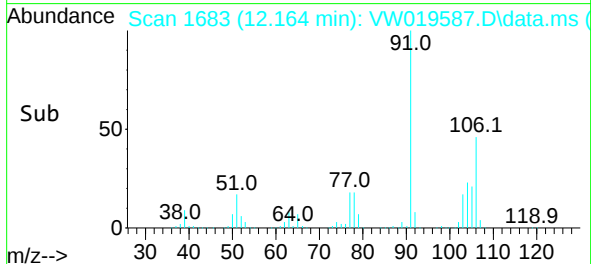
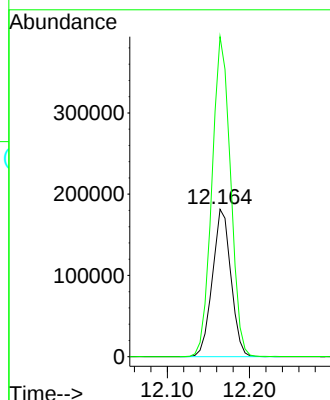
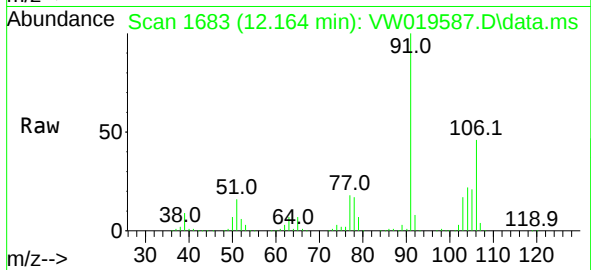




#69  
o-Xylene  
Concen: 54.119 ug/l  
RT: 12.164 min Scan# 1683  
Delta R.T. -0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

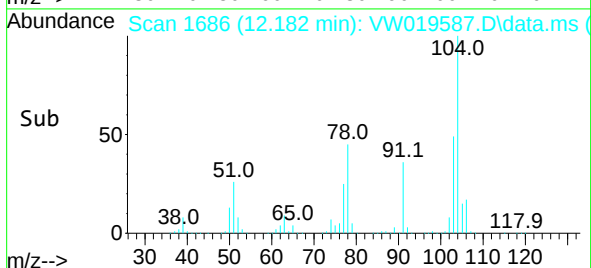
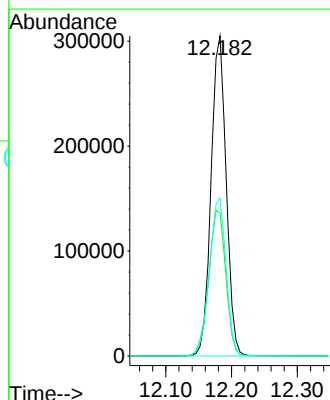
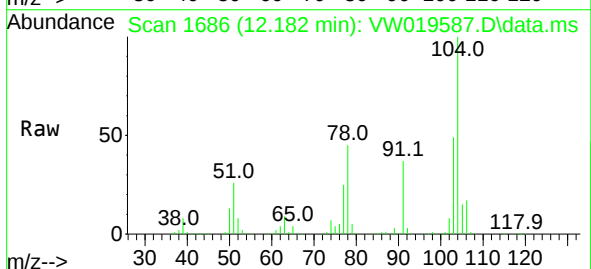
Instrument :  
MSVOA\_W  
ClientSampled :

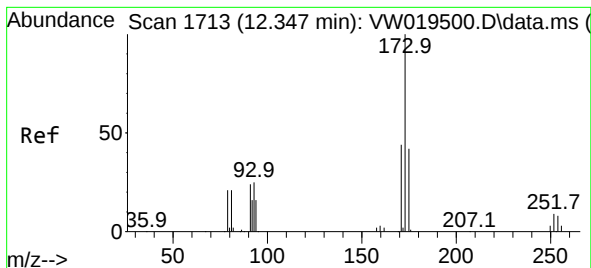
Tgt Ion:106 Resp: 283634  
Ion Ratio Lower Upper  
106 100  
91 218.5 106.5 319.6



#70  
Styrene  
Concen: 55.187 ug/l  
RT: 12.182 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion:104 Resp: 488595  
Ion Ratio Lower Upper  
104 100  
78 51.5 41.4 62.0  
103 54.2 43.3 64.9

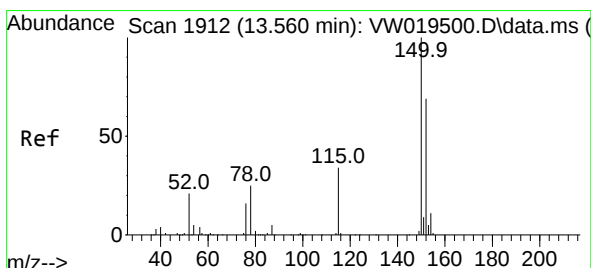
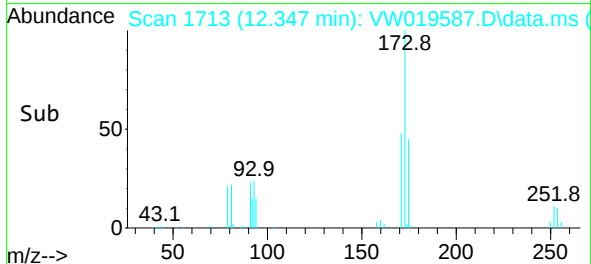
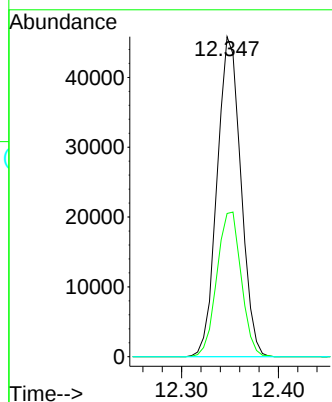
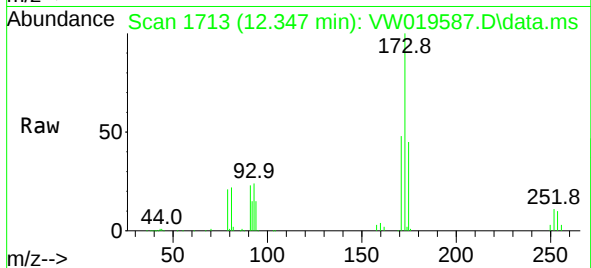




#71  
Bromoform  
Concen: 56.891 ug/l  
RT: 12.347 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

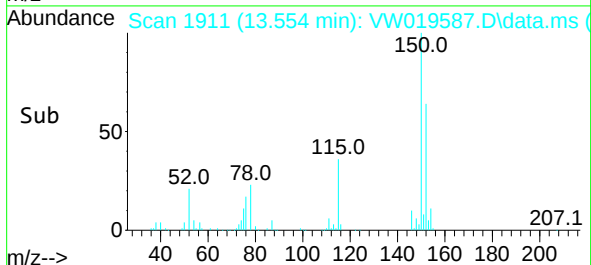
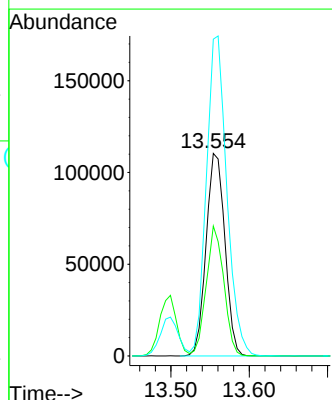
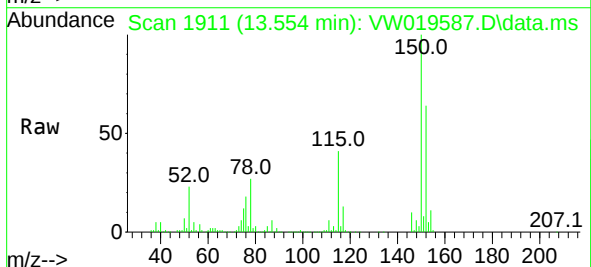
Instrument :  
MSVOA\_W  
ClientSampleId :

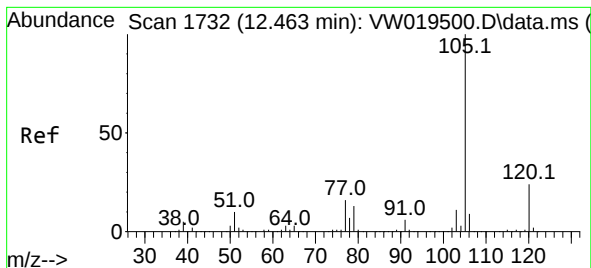
Tgt Ion:173 Resp: 78157  
Ion Ratio Lower Upper  
173 100  
175 46.3 21.9 65.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.554 min Scan# 1911  
Delta R.T. -0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion:152 Resp: 183763  
Ion Ratio Lower Upper  
152 100  
115 60.0 30.6 91.8  
150 171.8 0.0 342.4

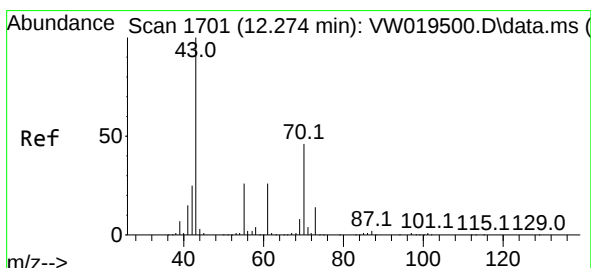
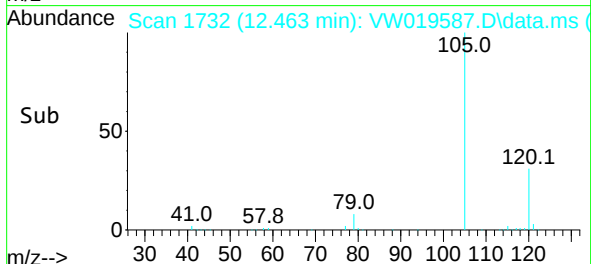
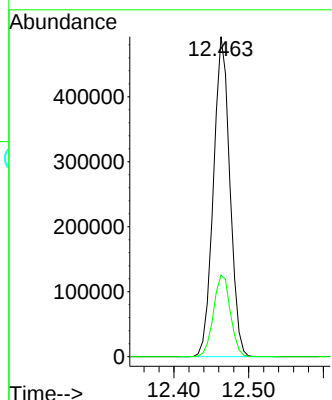
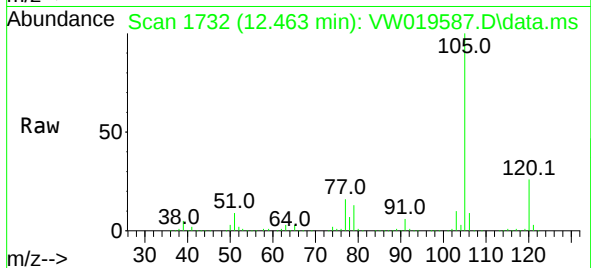




#73  
Isopropylbenzene  
Concen: 53.968 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

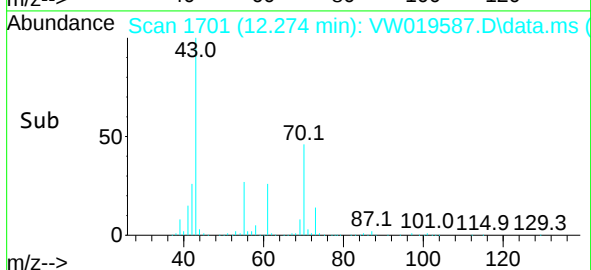
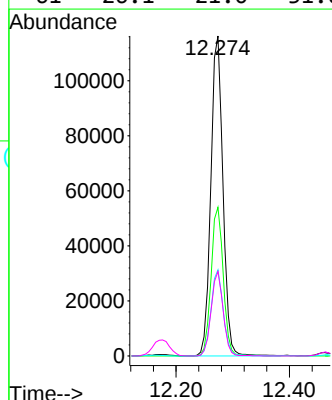
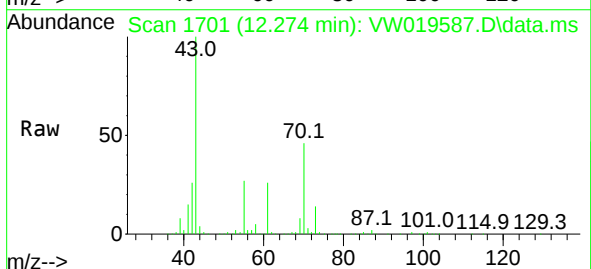
Instrument :  
MSVOA\_W  
ClientSampled :

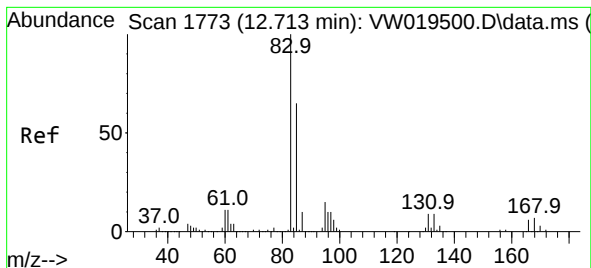
Tgt Ion:105 Resp: 753514  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.0 39.0



#74  
N-ethyl acetate  
Concen: 54.082 ug/l  
RT: 12.274 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion: 43 Resp: 172764  
Ion Ratio Lower Upper  
43 100  
70 46.7 37.0 55.4  
55 27.3 21.3 31.9  
61 26.1 21.0 31.6

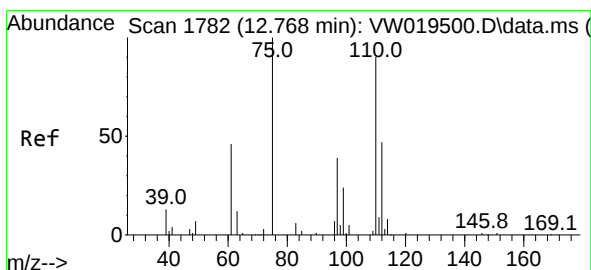
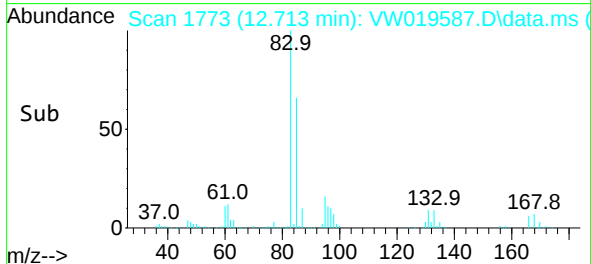
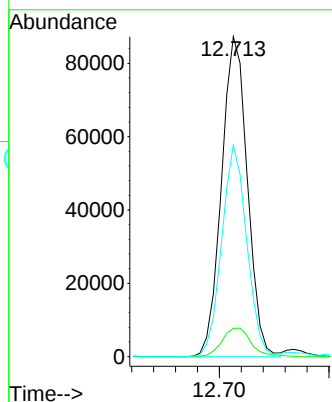
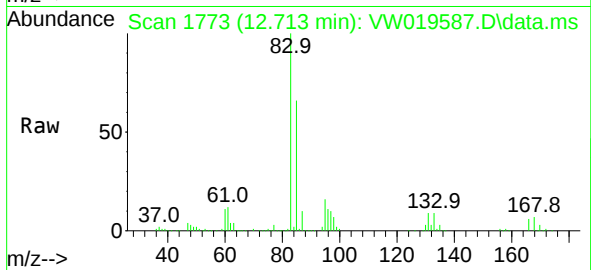




#75  
1,1,2,2-Tetrachloroethane  
Concen: 54.533 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

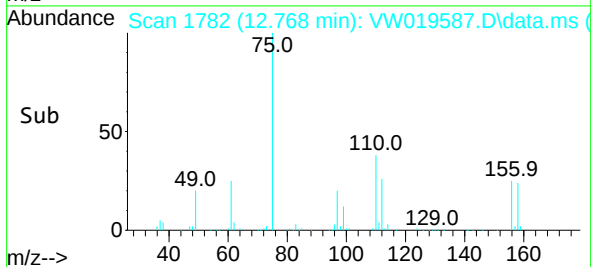
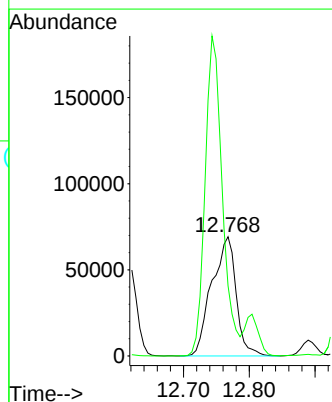
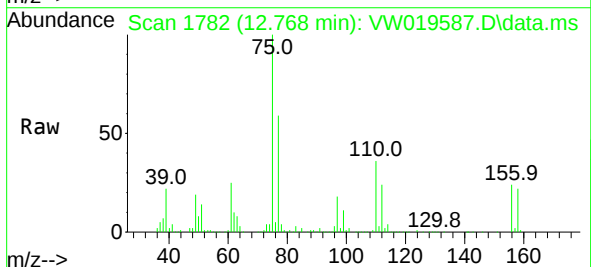
Instrument :  
MSVOA\_W  
ClientSampleId :

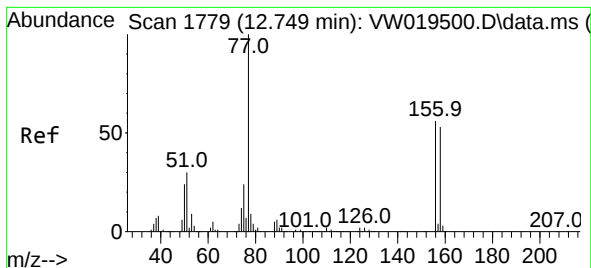
Tgt Ion: 83 Resp: 143192  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.1 15.4  
85 64.1 31.8 95.4



#76  
1,2,3-Trichloropropane  
Concen: 98.009 ug/l  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion: 75 Resp: 178000  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

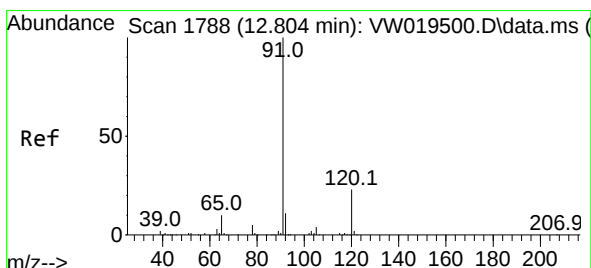
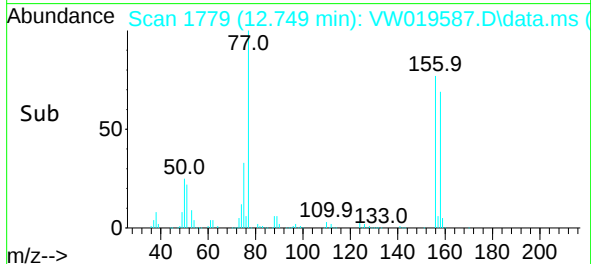
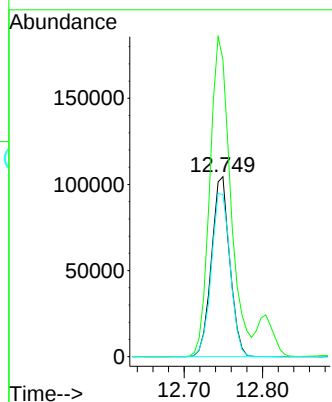
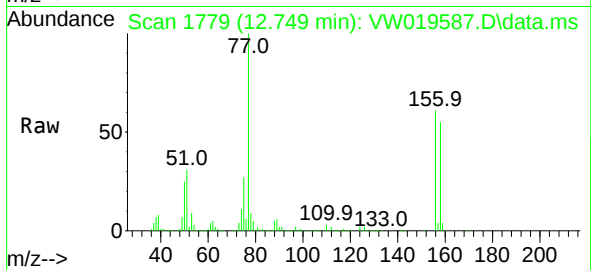




#77  
Bromobenzene  
Concen: 53.716 ug/l  
RT: 12.749 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

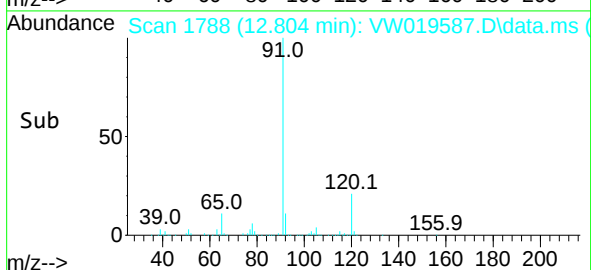
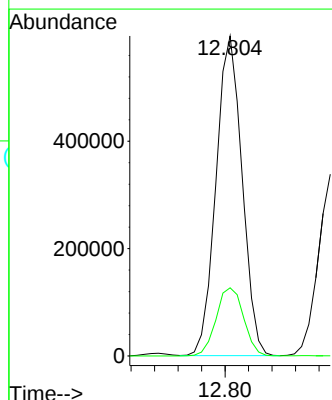
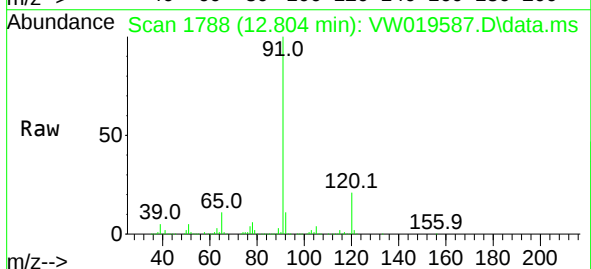
Instrument :  
MSVOA\_W  
ClientSampleId :

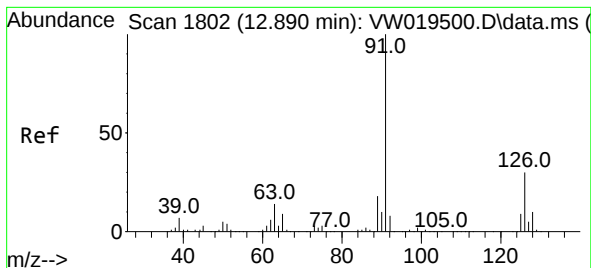
Tgt Ion:156 Resp: 169062  
Ion Ratio Lower Upper  
156 100  
77 201.3 102.6 307.9  
158 94.1 47.1 141.4



#78  
n-propylbenzene  
Concen: 52.621 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion: 91 Resp: 918554  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.2 33.6

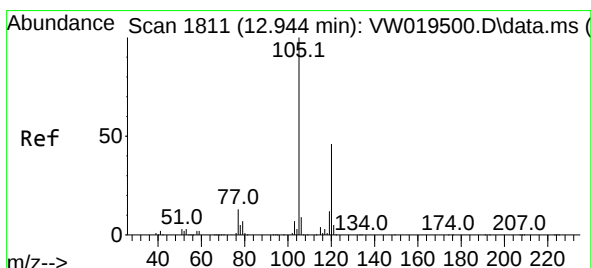
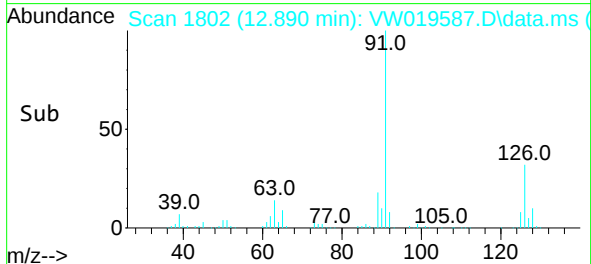
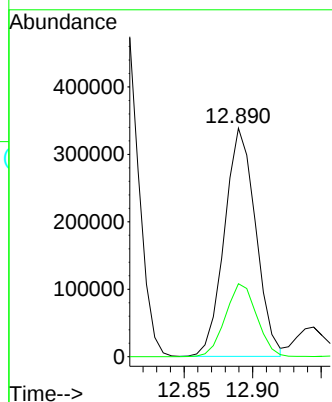
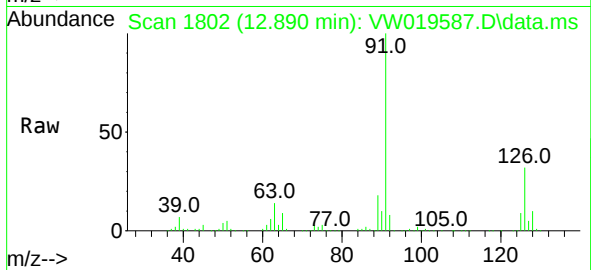




#79  
2-Chlorotoluene  
Concen: 52.300 ug/l  
RT: 12.890 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

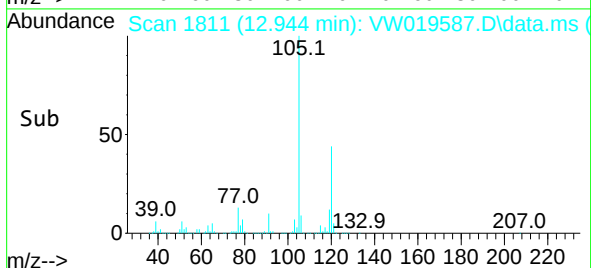
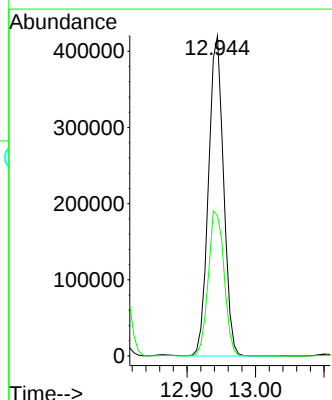
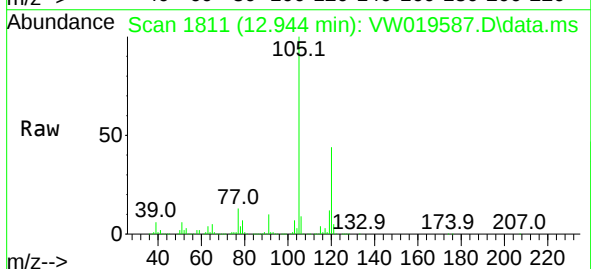
Instrument :  
MSVOA\_W  
ClientSampled :

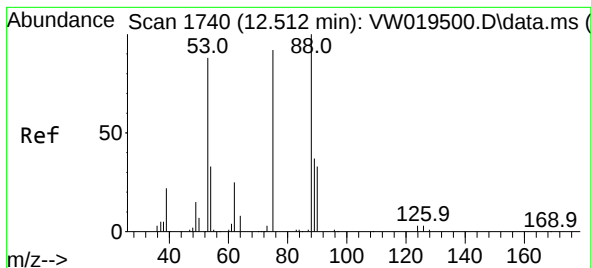
Tgt Ion: 91 Resp: 536767  
Ion Ratio Lower Upper  
91 100  
126 32.2 15.3 45.9



#80  
1,3,5-Trimethylbenzene  
Concen: 53.899 ug/l  
RT: 12.944 min Scan# 1811  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

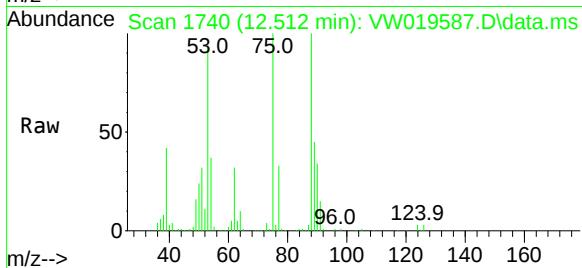
Tgt Ion: 105 Resp: 641726  
Ion Ratio Lower Upper  
105 100  
120 47.6 24.1 72.3



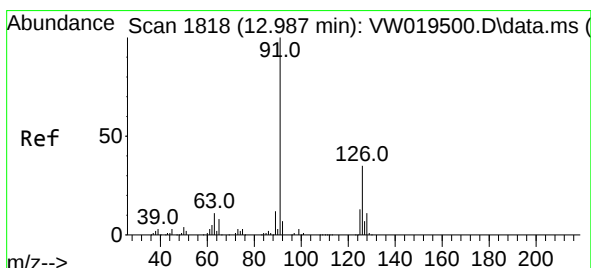
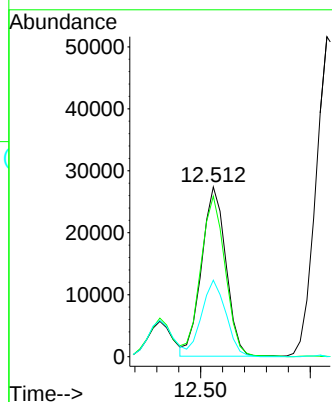
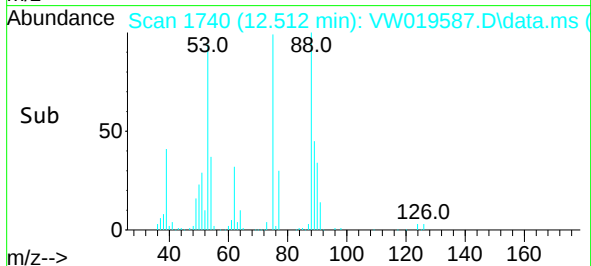


#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.713 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

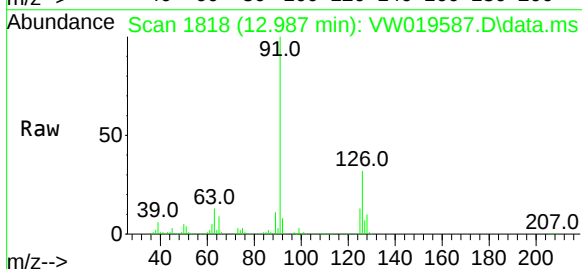
Instrument :  
MSVOA\_W  
ClientSampleId :



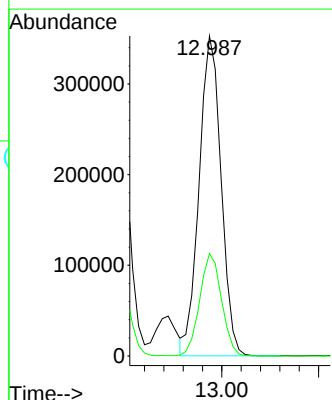
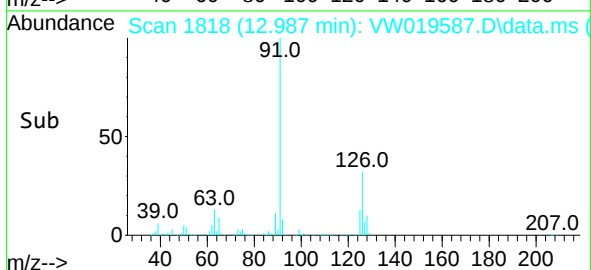
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 96.5  | 75.8  | 113.8 |
| 89      | 44.8  | 35.7  | 53.5  |

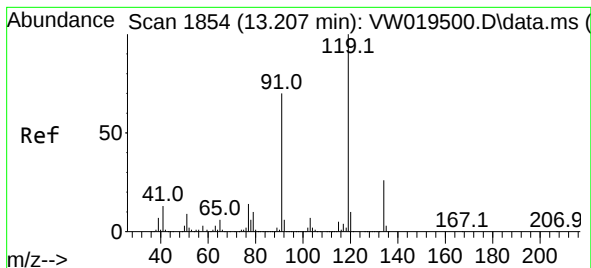


#82  
4-Chlorotoluene  
Concen: 52.421 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04



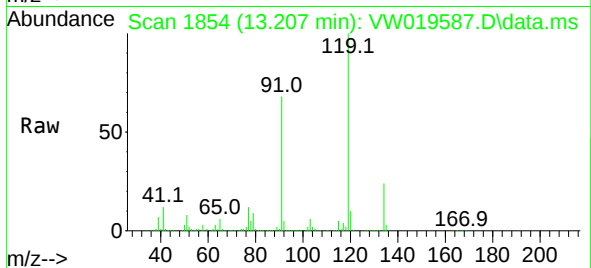
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.9  | 15.7  | 47.1  |



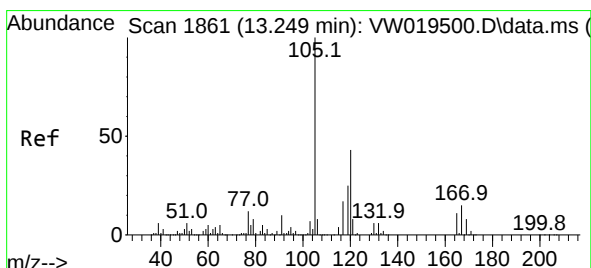
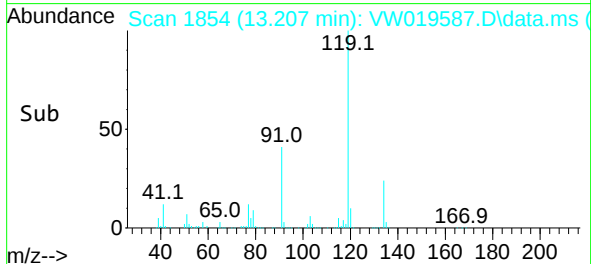
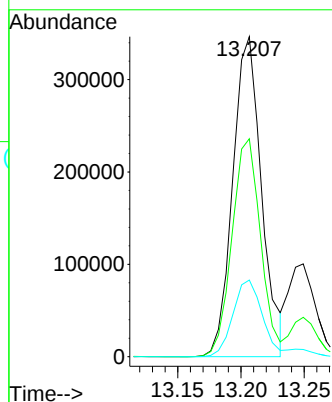


#83  
tert-Butylbenzene  
Concen: 54.368 ug/l  
RT: 13.207 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :

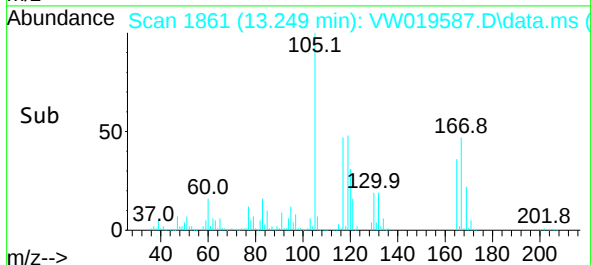
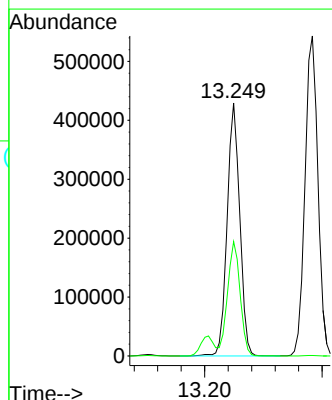
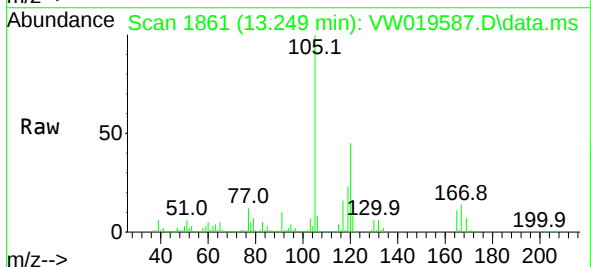


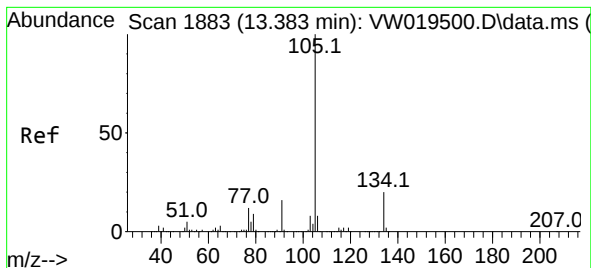
Tgt Ion:119 Resp: 549161  
Ion Ratio Lower Upper  
119 100  
91 67.7 33.7 101.1  
134 24.7 12.4 37.0



#84  
1,2,4-Trimethylbenzene  
Concen: 53.772 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion:105 Resp: 640677  
Ion Ratio Lower Upper  
105 100  
120 44.7 21.9 65.8

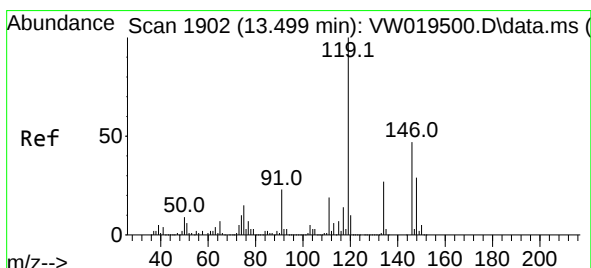
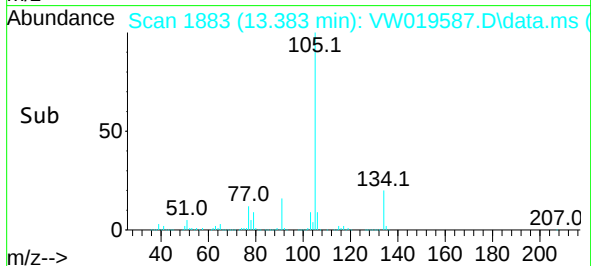
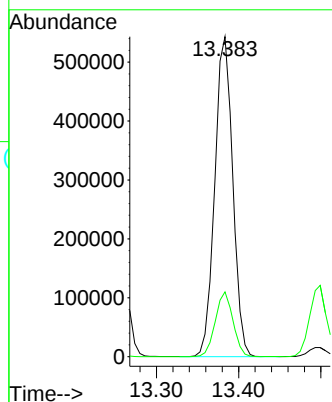
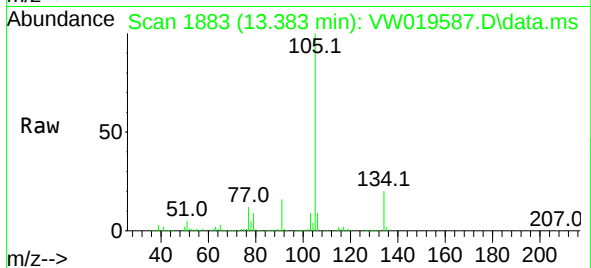




#85  
 sec-Butylbenzene  
 Concen: 53.098 ug/l  
 RT: 13.383 min Scan# 1883  
 Delta R.T. 0.000 min  
 Lab File: VW019587.D  
 Acq: 23 Jul 2021 21:04

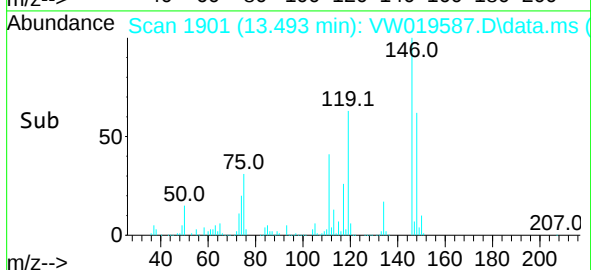
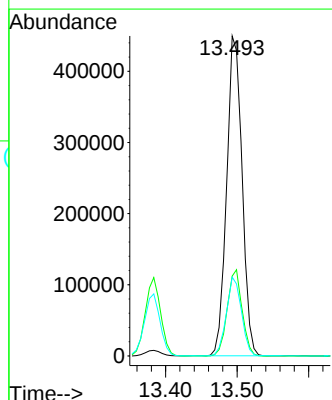
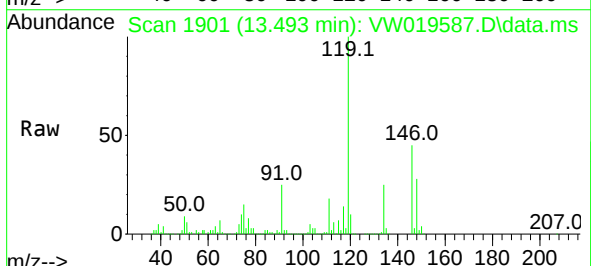
Instrument :  
 MSVOA\_W  
 ClientSampleId :

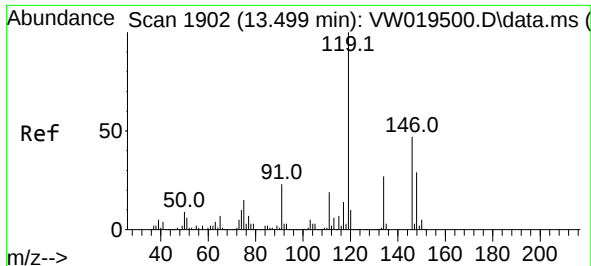
Tgt Ion:105 Resp: 824389  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 52.618 ug/l  
 RT: 13.493 min Scan# 1901  
 Delta R.T. -0.006 min  
 Lab File: VW019587.D  
 Acq: 23 Jul 2021 21:04

Tgt Ion:119 Resp: 673186  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.1 39.1  
 91 24.0 12.1 36.3



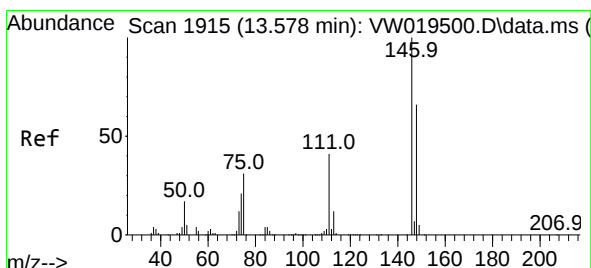
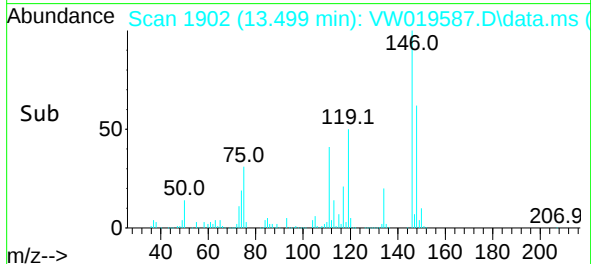
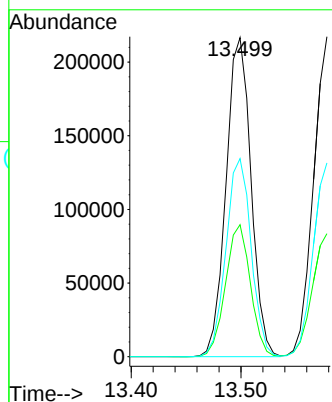
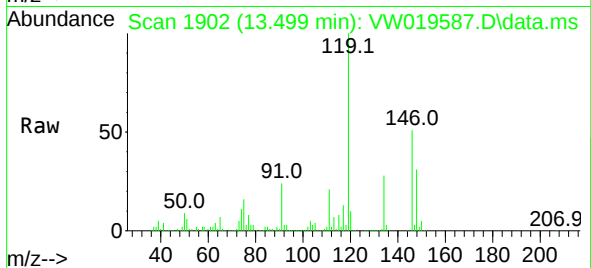


#87

1,3-Dichlorobenzene  
Concen: 53.316 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :

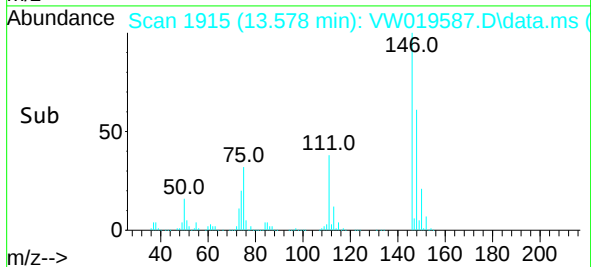
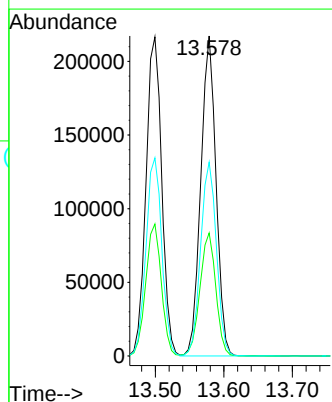
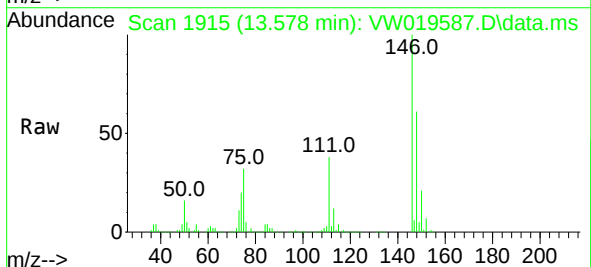
Tgt Ion:146 Resp: 343461  
Ion Ratio Lower Upper  
146 100  
111 41.3 20.8 62.2  
148 62.7 31.3 93.9

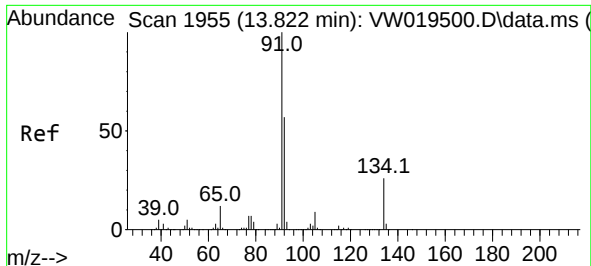


#88

1,4-Dichlorobenzene  
Concen: 52.919 ug/l  
RT: 13.578 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion:146 Resp: 337427  
Ion Ratio Lower Upper  
146 100  
111 39.9 20.6 61.8  
148 62.9 32.1 96.5





#89

n-Butylbenzene

Concen: 51.568 ug/l

RT: 13.822 min Scan# 1955

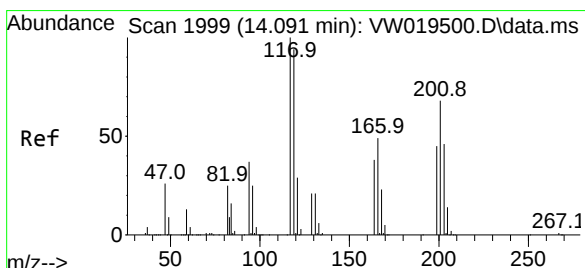
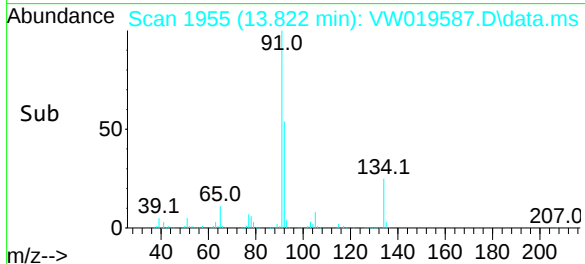
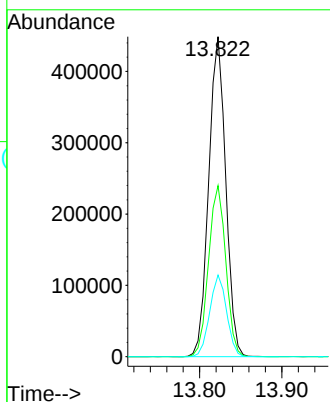
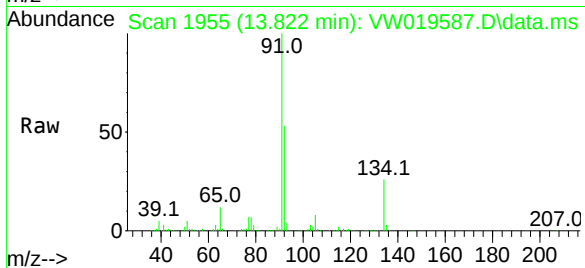
Delta R.T. 0.000 min

Lab File: VW019587.D

Acq: 23 Jul 2021 21:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 645862 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 54.2  | 27.7  | 83.1   |
| 134      | 25.3  | 12.7  | 38.1   |

Instrument :  
MSVOA\_W  
ClientSampleId :



#90

Hexachloroethane

Concen: 53.622 ug/l

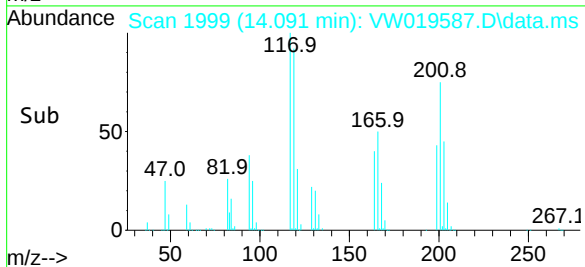
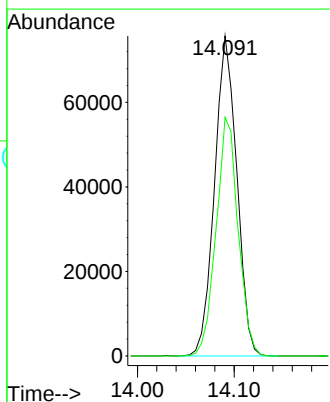
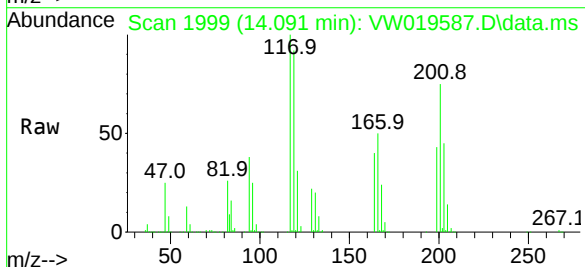
RT: 14.091 min Scan# 1999

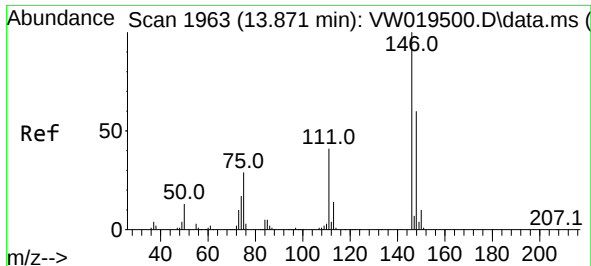
Delta R.T. -0.000 min

Lab File: VW019587.D

Acq: 23 Jul 2021 21:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 120944 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 201      | 73.7  | 37.2  | 111.6  |

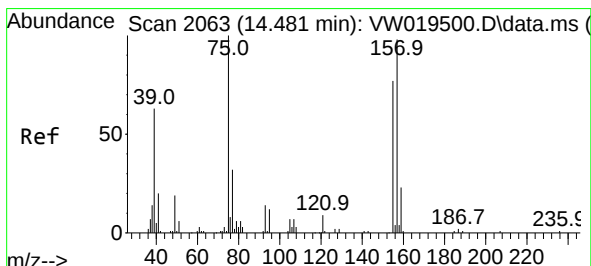
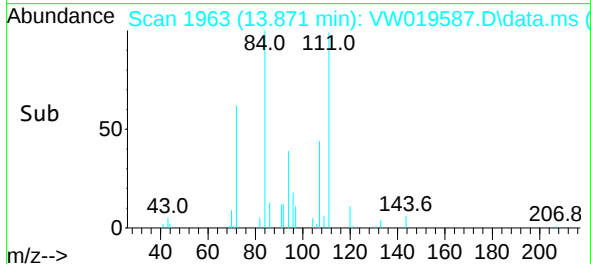
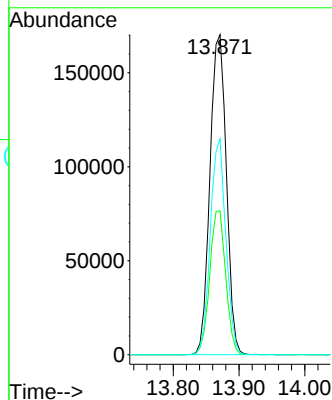
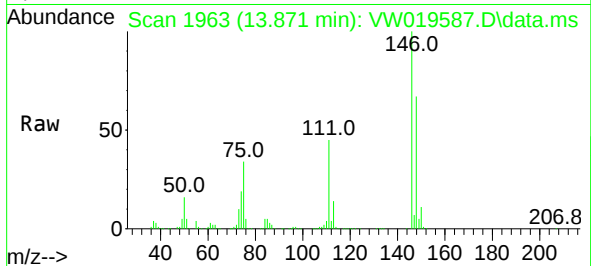




#91  
1,2-Dichlorobenzene  
Concen: 52.152 ug/l  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

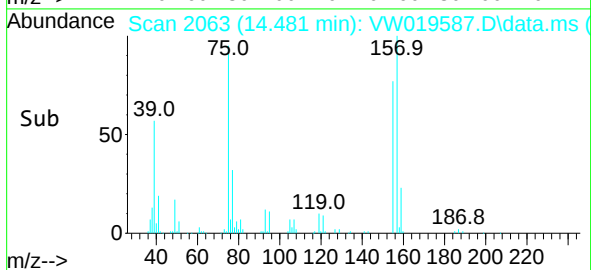
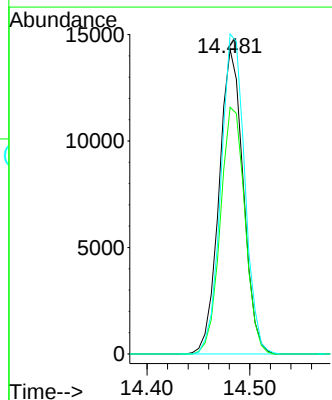
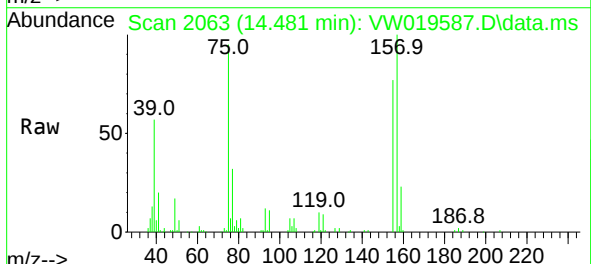
Instrument :  
MSVOA\_W  
ClientSampleId :

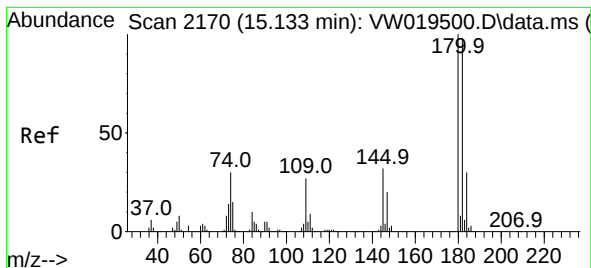
Tgt Ion:146 Resp: 295478  
Ion Ratio Lower Upper  
146 100  
111 43.9 21.4 64.2  
148 64.0 31.9 95.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 53.701 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion: 75 Resp: 23379  
Ion Ratio Lower Upper  
75 100  
155 81.7 38.4 115.2  
157 103.2 48.9 146.6

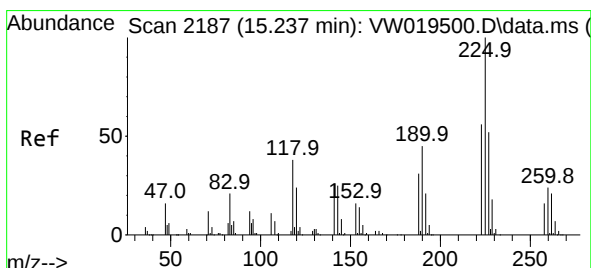
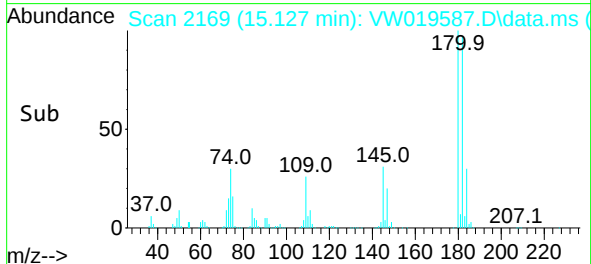
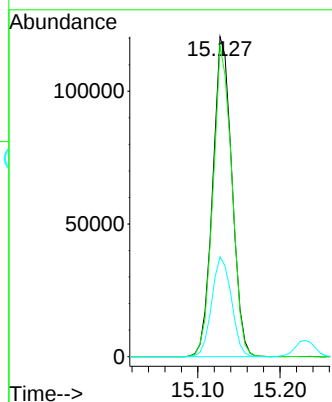
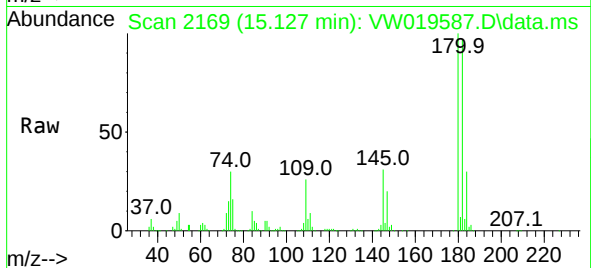




#93  
1,2,4-Trichlorobenzene  
Concen: 51.149 ug/l  
RT: 15.127 min Scan# 2169  
Delta R.T. -0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

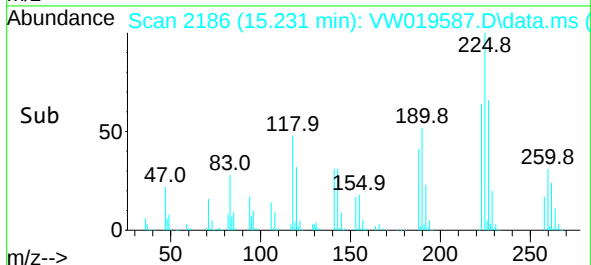
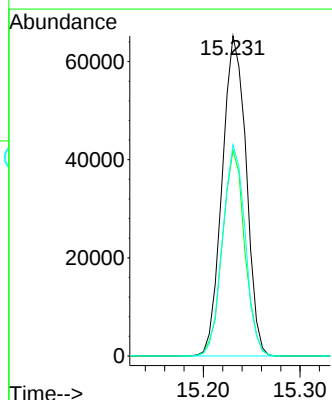
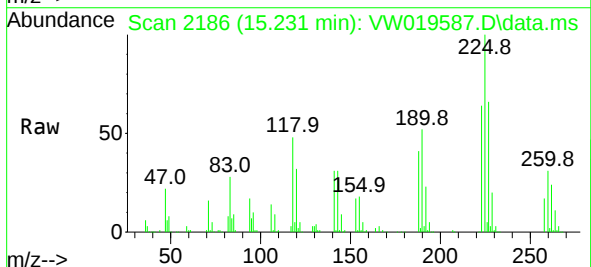
Instrument :  
MSVOA\_W  
ClientSampleId :

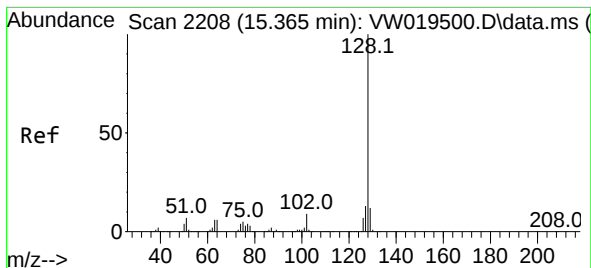
Tgt Ion:180 Resp: 195618  
Ion Ratio Lower Upper  
180 100  
182 95.7 47.3 141.8  
145 32.0 15.4 46.2



#94  
Hexachlorobutadiene  
Concen: 51.838 ug/l  
RT: 15.231 min Scan# 2186  
Delta R.T. -0.006 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion:225 Resp: 112160  
Ion Ratio Lower Upper  
225 100  
223 59.9 31.4 94.0  
227 62.2 31.6 94.7

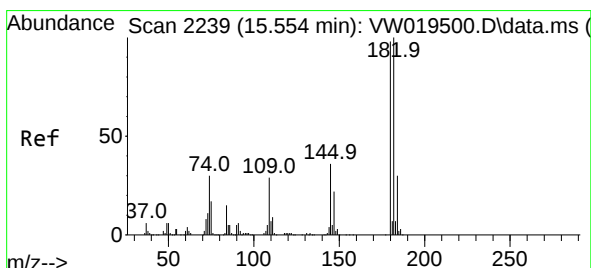
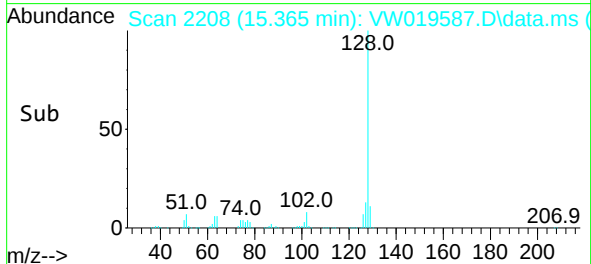
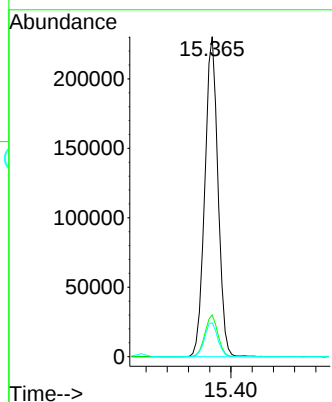
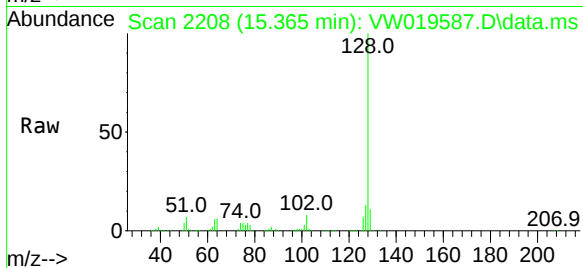




#95  
Naphthalene  
Concen: 56.351 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion:128 Resp: 394719  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.2 15.2  
129 10.7 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 54.311 ug/l  
RT: 15.554 min Scan# 2239  
Delta R.T. -0.000 min  
Lab File: VW019587.D  
Acq: 23 Jul 2021 21:04

Tgt Ion:180 Resp: 181568  
Ion Ratio Lower Upper  
180 100  
182 95.0 48.5 145.6  
145 33.6 17.4 52.2

