

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW102921\  
 Data File : VW020731.D  
 Acq On : 29 Oct 2021 17:21  
 Operator : SY/VA  
 Sample : M4068-02 5PPBLOQ  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 01 00:43:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W102821S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 01 00:41:46 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.951  | 168  | 104260   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.842  | 114  | 164555   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.628 | 117  | 152041   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.560 | 152  | 81218    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.305  | 65    | 51787    | 50.532   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 101.060% |      |
| 35) Dibromofluoromethane    | 7.884  | 113   | 44485    | 46.083   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 92.160%  |      |
| 50) Toluene-d8              | 10.323 | 98    | 168259   | 46.447   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 92.900%  |      |
| 62) 4-Bromofluorobenzene    | 12.615 | 95    | 63904    | 46.758   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 93.520%  |      |

|                              |       |     |       |        |        |     |
|------------------------------|-------|-----|-------|--------|--------|-----|
| Target Compounds             |       |     |       | Qvalue |        |     |
| 2) Dichlorodifluoromethane   | 2.007 | 85  | 1369  | 5.346  | ug/l   | 96  |
| 3) Chloromethane             | 2.209 | 50  | 3659  | 5.869  | ug/l   | 95  |
| 4) Vinyl Chloride            | 2.349 | 62  | 4166  | 5.710  | ug/l   | 100 |
| 5) Bromomethane              | 2.763 | 94  | 2389  | 8.093  | ug/l   | 96  |
| 6) Chloroethane              | 2.910 | 64  | 1078  | 5.849  | ug/l # | 87  |
| 7) Trichlorofluoromethane    | 3.245 | 101 | 1593  | 4.641  | ug/l   | 94  |
| 8) Diethyl Ether             | 3.678 | 74  | 2300  | 5.406  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 4.050 | 101 | 4870  | 5.793  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.263 | 142 | 4994  | 5.273  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 5.190 | 59  | 1405  | 25.760 | ug/l # | 72  |
| 12) 1,1-Dichloroethene       | 4.038 | 96  | 4439  | 5.417  | ug/l   | 87  |
| 13) Acrolein                 | 3.891 | 56  | 593   | 24.730 | ug/l   | 97  |
| 14) Allyl chloride           | 4.659 | 41  | 5732  | 4.548  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.367 | 53  | 5572  | 27.975 | ug/l   | 96  |
| 16) Acetone                  | 4.129 | 43  | 6402  | 27.921 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.385 | 76  | 13154 | 5.799  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.678 | 43  | 4513  | 6.158  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.421 | 73  | 5564  | 4.955  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.915 | 84  | 9687  | 8.900  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.409 | 96  | 5098  | 5.562  | ug/l   | 91  |
| 22) Diisopropyl ether        | 6.305 | 45  | 13577 | 5.165  | ug/l   | 92  |
| 23) Vinyl Acetate            | 6.257 | 43  | 34805 | 24.330 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.208 | 63  | 9436  | 5.600  | ug/l   | 97  |
| 25) 2-Butanone               | 7.177 | 43  | 7367  | 26.722 | ug/l   | 93  |
| 26) 2,2-Dichloropropane      | 7.165 | 77  | 5005  | 5.338  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.165 | 96  | 5623  | 5.609  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.513 | 49  | 4686  | 5.985  | ug/l # | 99  |
| 29) Tetrahydrofuran          | 7.537 | 42  | 4358  | 26.125 | ug/l   | 99  |
| 30) Chloroform               | 7.677 | 83  | 9881  | 5.617  | ug/l   | 99  |
| 31) Cyclohexane              | 7.951 | 56  | 10431 | 6.074  | ug/l # | 76  |
| 32) 1,1,1-Trichloroethane    | 7.866 | 97  | 7804  | 5.794  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.079 | 75  | 7560  | 5.150  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.256 | 43  | 3565  | 5.691  | ug/l # | 94  |
| 38) Carbon Tetrachloride     | 8.073 | 117 | 7090  | 5.244  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.335 | 83  | 8289  | 4.673  | ug/l   | 93  |
| 40) Benzene                  | 8.323 | 78  | 26326 | 6.249  | ug/l   | 99  |

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 Operator : SY/VA  
 Sample : M4068-02 5PPBLOQ  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 01 00:43:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W102821S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 01 00:41:46 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.488  | 41   | 1678     | 4.553  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.397  | 62   | 6943     | 5.362  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.427  | 43   | 6442     | 5.369  | ug/l   | 98       |
| 44) Trichloroethene           | 9.092  | 130  | 5914     | 5.343  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.366  | 63   | 5140     | 5.172  | ug/l   | 98       |
| 46) Dibromomethane            | 9.457  | 93   | 2806     | 5.196  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.646  | 83   | 7125     | 5.198  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.439  | 41   | 2649     | 4.508  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.451  | 88   | 651      | 90.937 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.207 | 43   | 15757    | 25.101 | ug/l   | 98       |
| 52) Toluene                   | 10.390 | 92   | 13959    | 5.421  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.603 | 75   | 6857     | 4.965  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 7777     | 4.895  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 4086     | 5.425  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 4429     | 4.708  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 6873     | 5.231  | ug/l   | 94       |
| 58) 2-Chloroethyl Vinyl ether | 9.921  | 63   | 9239     | 20.709 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.969 | 43   | 10773    | 24.267 | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.128 | 129  | 4711     | 5.233  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.237 | 107  | 3760     | 5.216  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.859 | 164  | 5206     | 5.377  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.658 | 112  | 15110    | 5.480  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 5399     | 5.373  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.731 | 91   | 25137    | 5.033  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.841 | 106  | 19159    | 9.903  | ug/l   | 100      |
| 69) o-Xylene                  | 12.164 | 106  | 8367     | 4.698  | ug/l   | 95       |
| 70) Styrene                   | 12.176 | 104  | 14908    | 4.884  | ug/l   | 99       |
| 71) Bromoform                 | 12.347 | 173  | 2811     | 5.118  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.463 | 105  | 23204    | 4.733  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.268 | 43   | 5343     | 4.757  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 4624     | 5.347  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 6196     | 8.899  | ug/l # | 100      |
| 77) Bromobenzene              | 12.743 | 156  | 6085     | 5.127  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.804 | 91   | 29448    | 4.872  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 17460    | 5.016  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 20715    | 4.855  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 1278     | 4.584  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 18722    | 5.068  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.201 | 119  | 17169    | 4.733  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 20355    | 4.791  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.383 | 105  | 26585    | 4.872  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.493 | 119  | 21684    | 4.680  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 12215    | 5.022  | ug/l   | 93       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 13118    | 5.406  | ug/l   | 92       |
| 89) n-Butylbenzene            | 13.822 | 91   | 20015    | 4.596  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.091 | 117  | 4205     | 4.986  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.871 | 146  | 11121    | 5.222  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 864      | 5.603  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.127 | 180  | 7148     | 4.893  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.231 | 225  | 4934     | 5.227  | ug/l   | 99       |
| 95) Naphthalene               | 15.365 | 128  | 11307    | 4.655  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 6760     | 5.153  | ug/l   | 97       |

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Operator : SY/VA  
Sample : M4068-02 5PPBL0Q  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Nov 01 00:43:44 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W102821S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 01 00:41:46 2021  
Response via : Initial Calibration

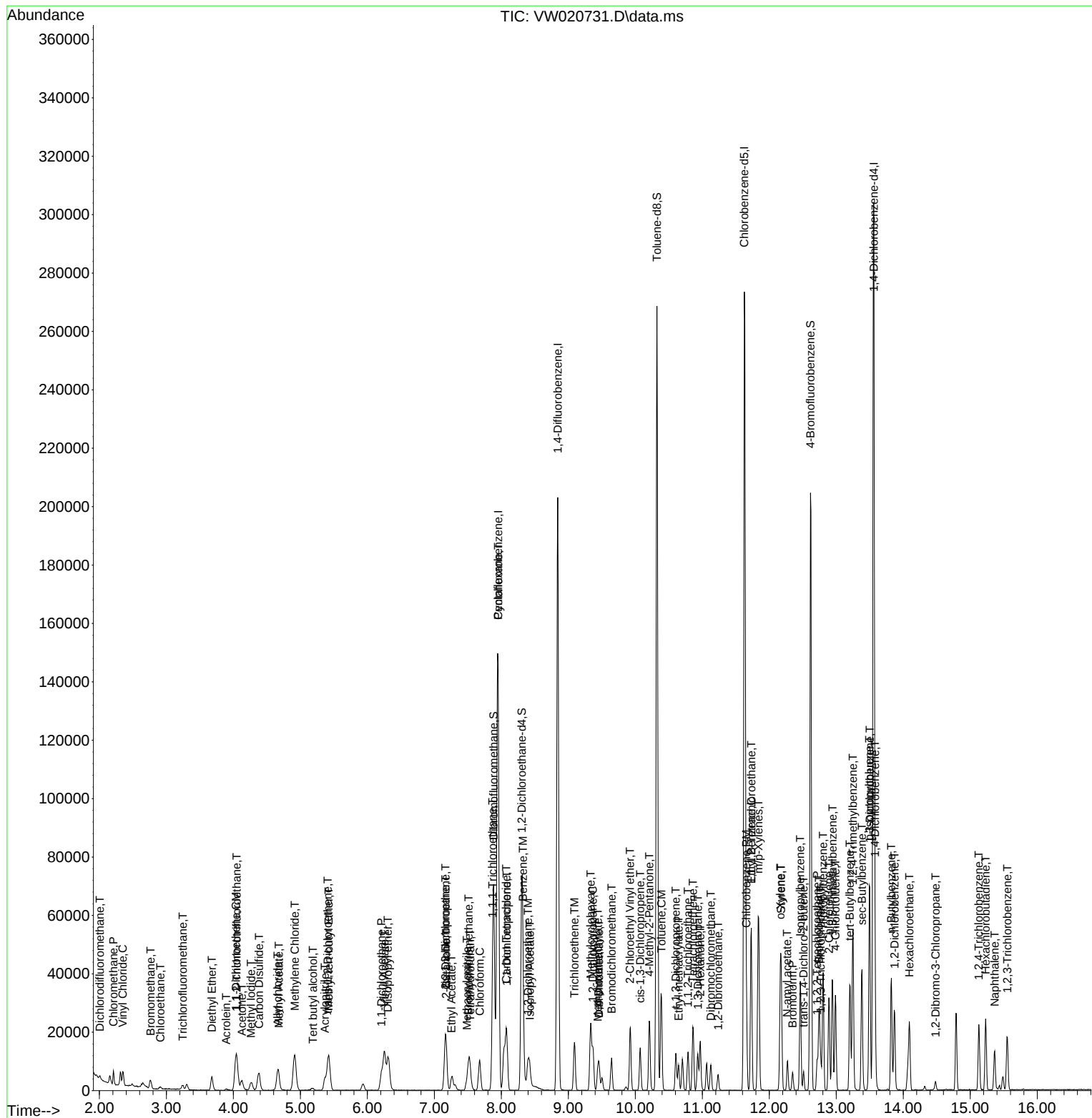
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

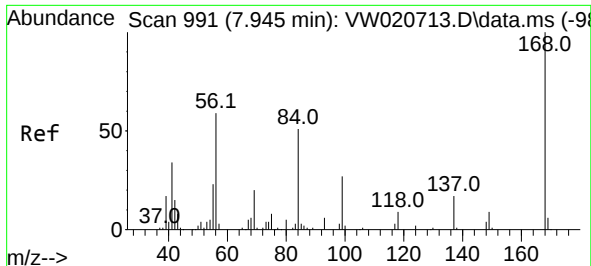
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 Sample : M4068-02 5PPBLOQ  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

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 MSVOA\_W  
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 Quant Title : SW846 8260  
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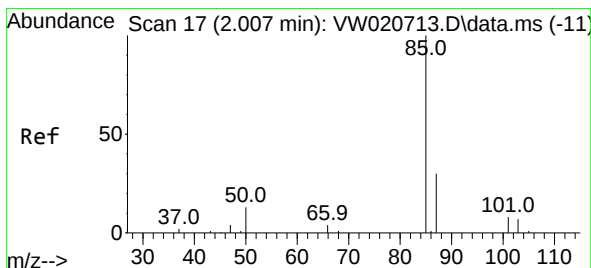
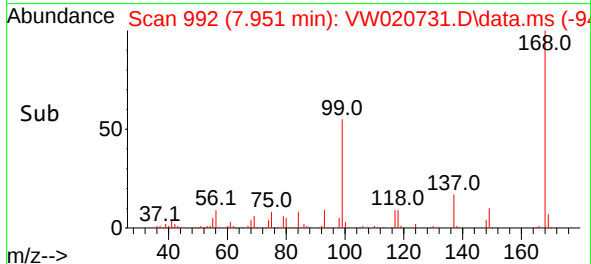
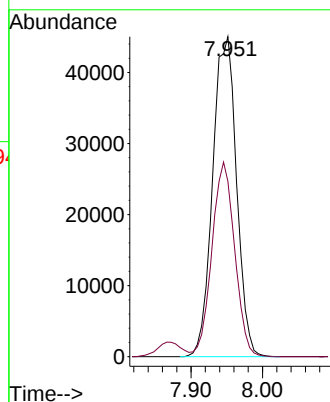
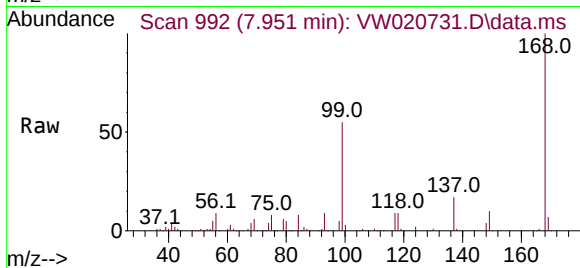




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.951 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

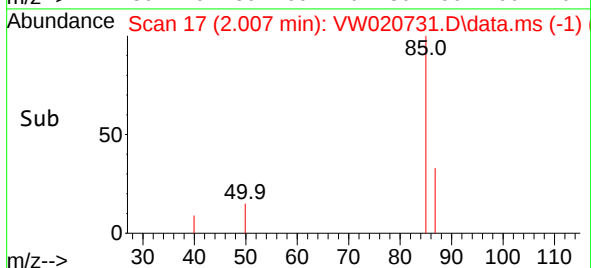
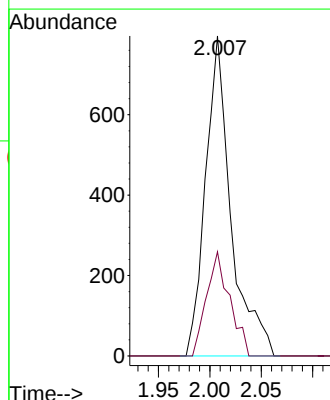
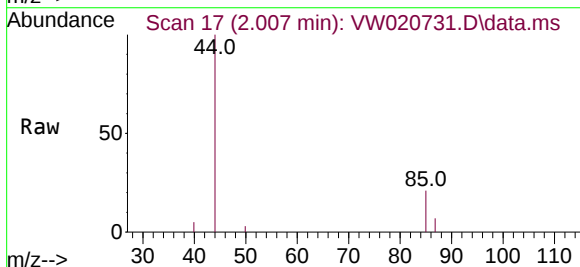
Instrument :  
MSVOA\_W  
ClientSampleId :

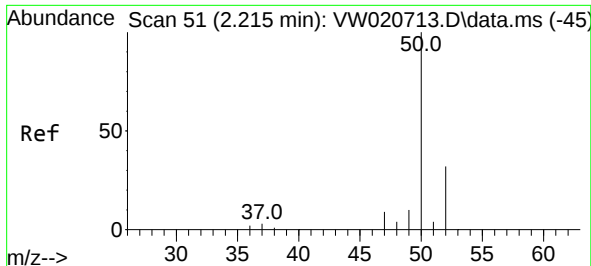
Tgt Ion:168 Resp: 104260  
Ion Ratio Lower Upper  
168 100  
99 54.8 46.2 69.4



#2  
Dichlorodifluoromethane  
Concen: 5.346 ug/l  
RT: 2.007 min Scan# 17  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 85 Resp: 1369  
Ion Ratio Lower Upper  
85 100  
87 32.5 15.0 45.1

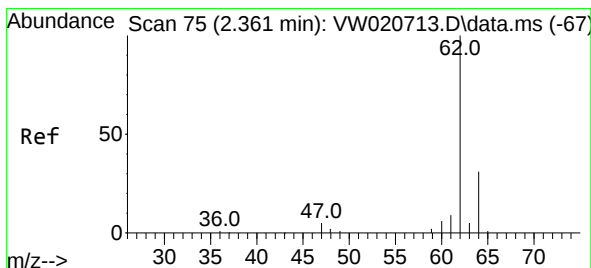
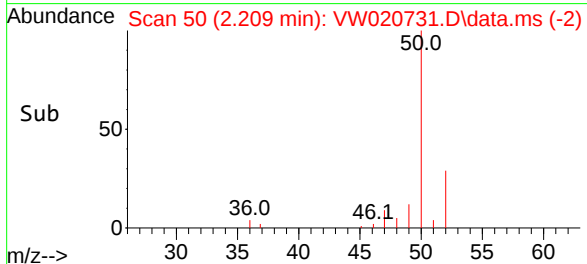
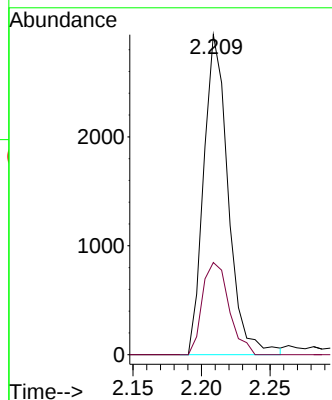
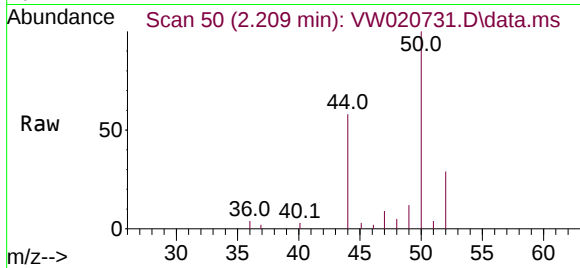




#3  
Chloromethane  
Concen: 5.869 ug/l  
RT: 2.209 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

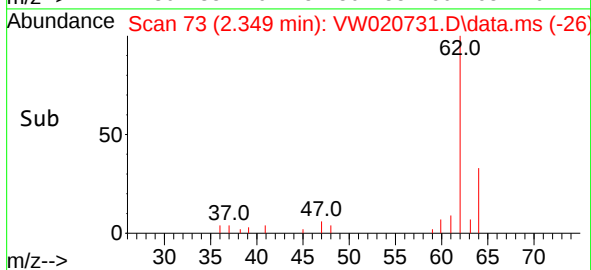
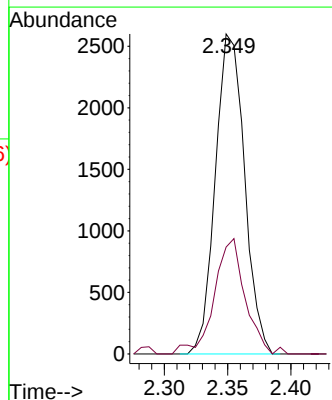
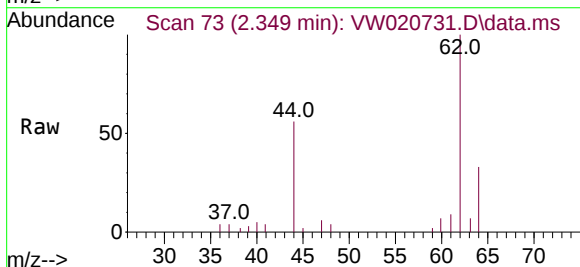
Instrument :  
MSVOA\_W  
ClientSampled :

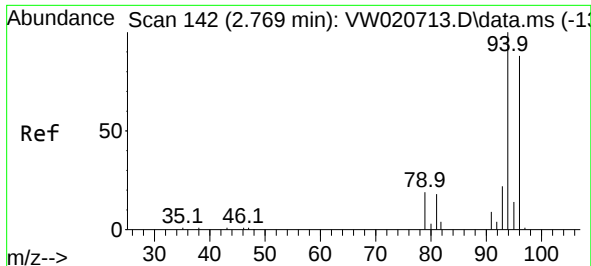
Tgt Ion: 50 Resp: 3659  
Ion Ratio Lower Upper  
50 100  
52 28.8 25.2 37.8



#4  
Vinyl Chloride  
Concen: 5.710 ug/l  
RT: 2.349 min Scan# 73  
Delta R.T. -0.012 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 62 Resp: 4166  
Ion Ratio Lower Upper  
62 100  
64 31.3 25.0 37.4

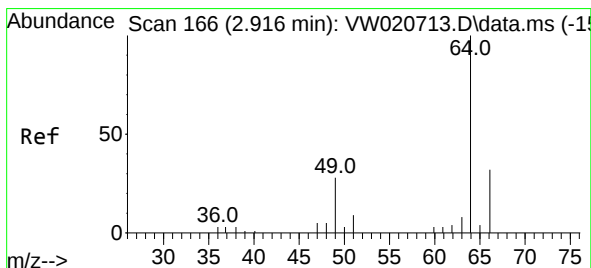
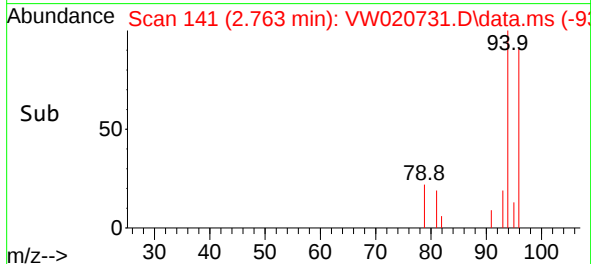
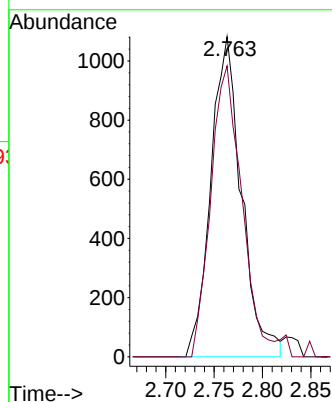
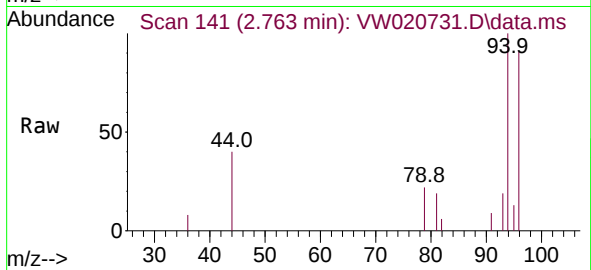




#5  
Bromomethane  
Concen: 8.093 ug/l  
RT: 2.763 min Scan# 141  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

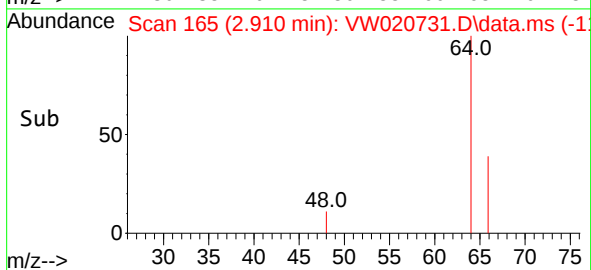
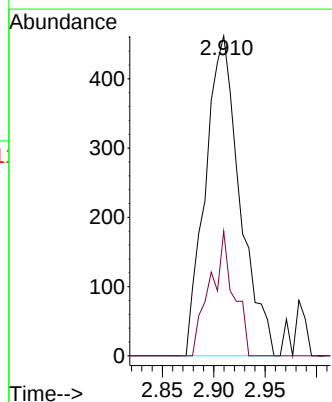
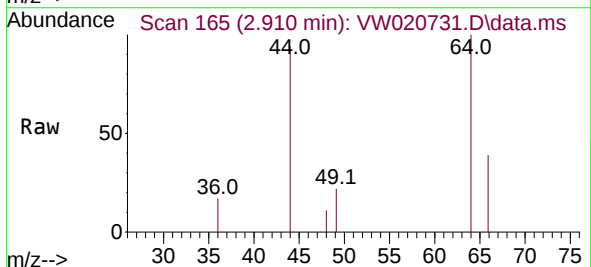
Instrument :  
MSVOA\_W  
ClientSampled :

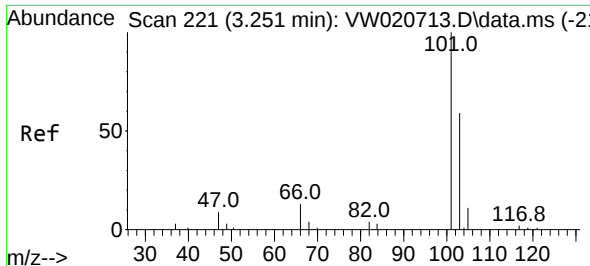
Tgt Ion: 94 Resp: 2389  
Ion Ratio Lower Upper  
94 100  
96 90.9 70.1 105.1



#6  
Chloroethane  
Concen: 5.849 ug/l  
RT: 2.910 min Scan# 165  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 64 Resp: 1078  
Ion Ratio Lower Upper  
64 100  
66 39.0 25.5 38.3#

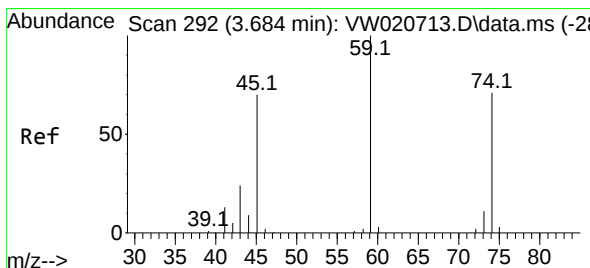
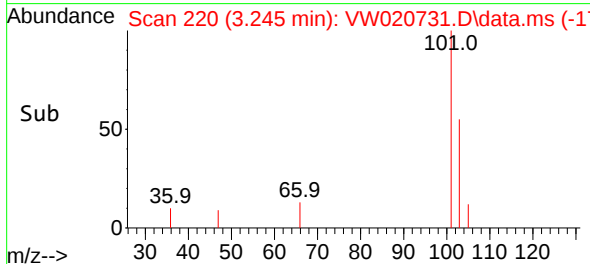
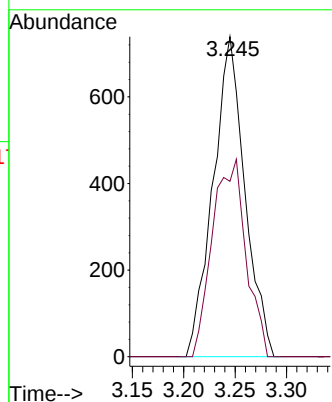
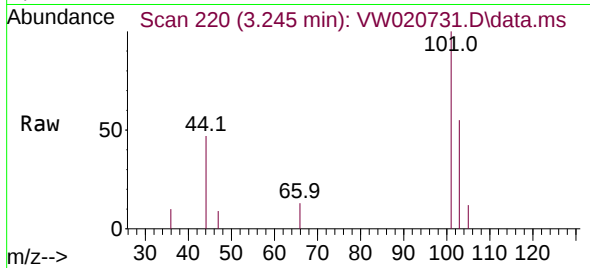




#7  
Trichlorofluoromethane  
Concen: 4.641 ug/l  
RT: 3.245 min Scan# 220  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

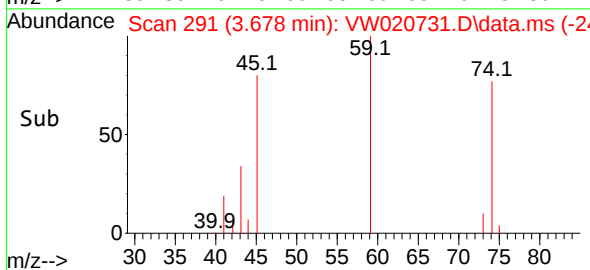
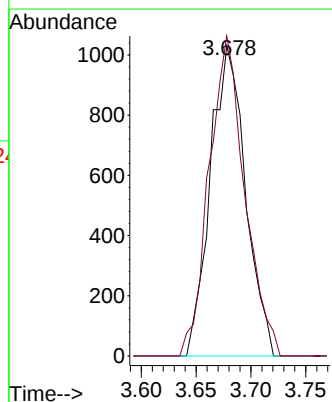
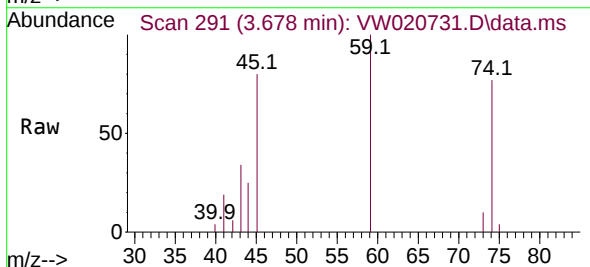
Instrument :  
MSVOA\_W  
ClientSampled :

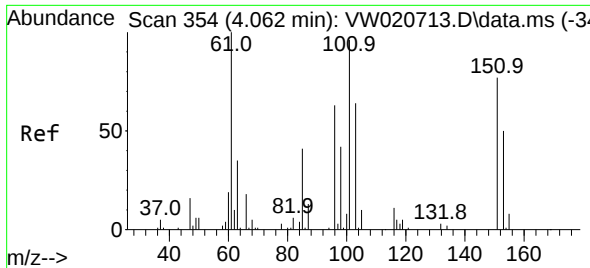
Tgt Ion:101 Resp: 1593  
Ion Ratio Lower Upper  
101 100  
103 54.8 47.4 71.0



#8  
Diethyl Ether  
Concen: 5.406 ug/l  
RT: 3.678 min Scan# 291  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 74 Resp: 2300  
Ion Ratio Lower Upper  
74 100  
45 104.3 50.4 151.2

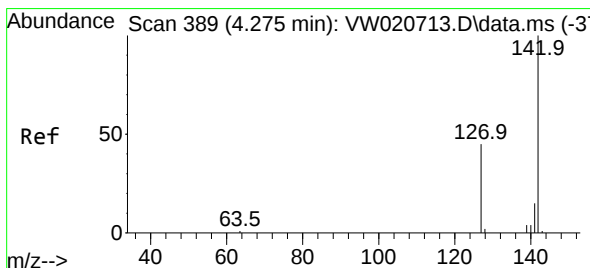
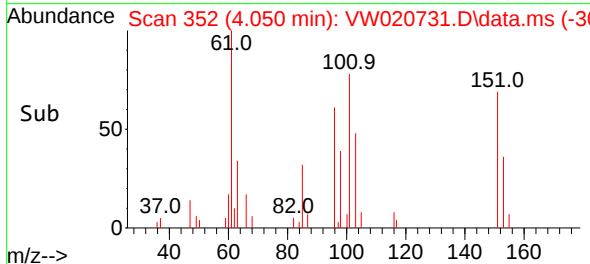
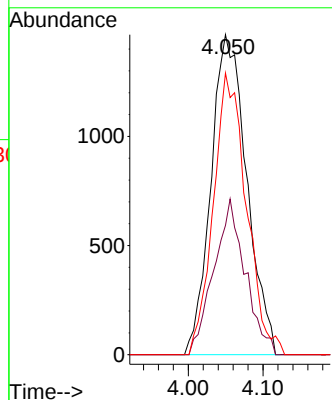
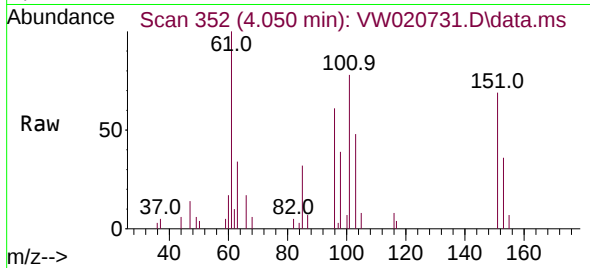




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.793 ug/l  
RT: 4.050 min Scan# 352  
Delta R.T. -0.012 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

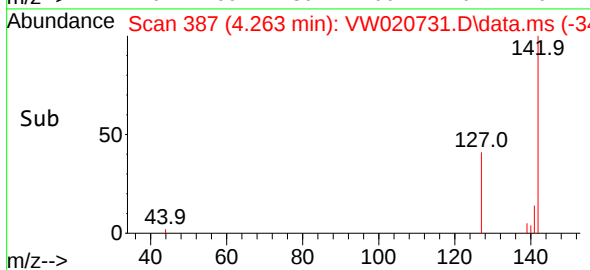
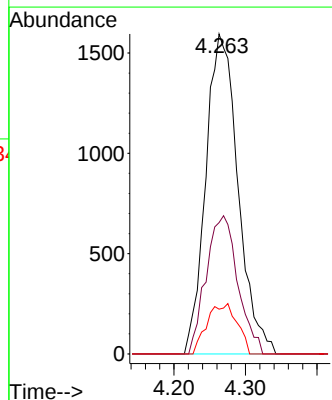
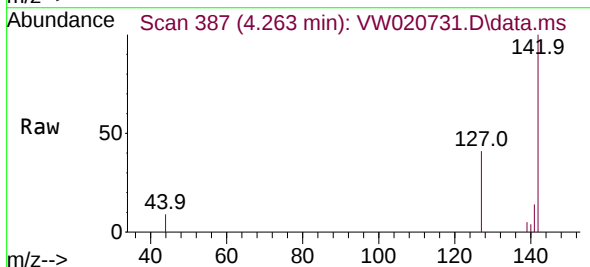
Instrument :  
MSVOA\_W  
ClientSampled :

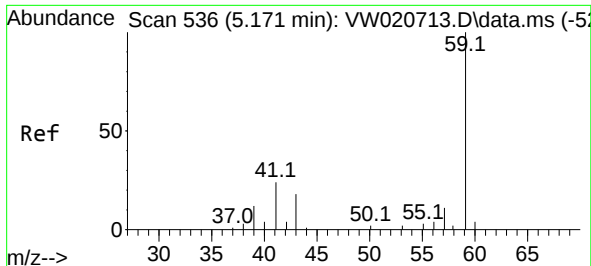
Tgt Ion:101 Resp: 4870  
Ion Ratio Lower Upper  
101 100  
85 42.8 35.3 52.9  
151 81.5 63.8 95.6



#10  
Methyl Iodide  
Concen: 5.273 ug/l  
RT: 4.263 min Scan# 387  
Delta R.T. -0.012 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion:142 Resp: 4994  
Ion Ratio Lower Upper  
142 100  
127 42.4 36.3 54.5  
141 14.6 12.1 18.1

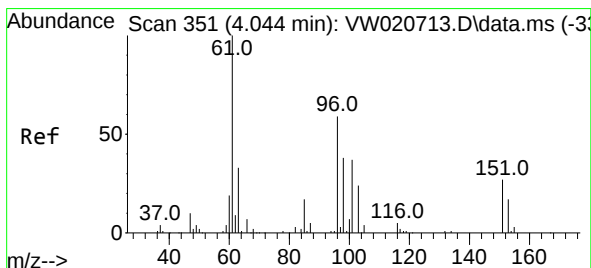
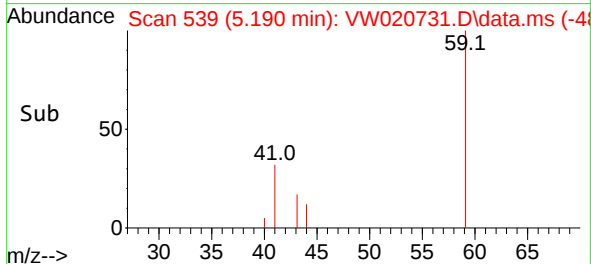
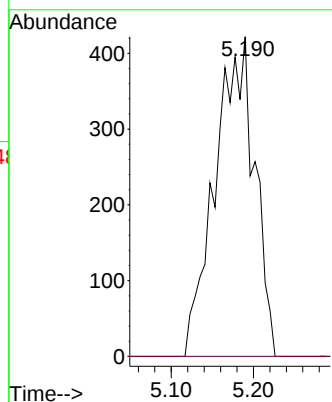
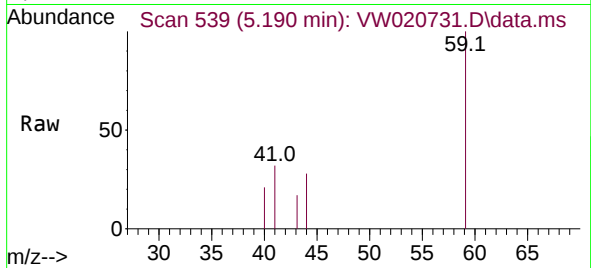




#11  
Tert butyl alcohol  
Concen: 25.760 ug/l  
RT: 5.190 min Scan# 539  
Delta R.T. 0.018 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

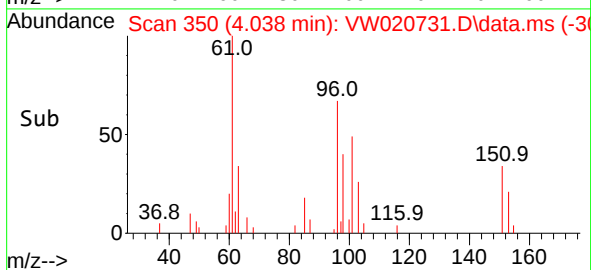
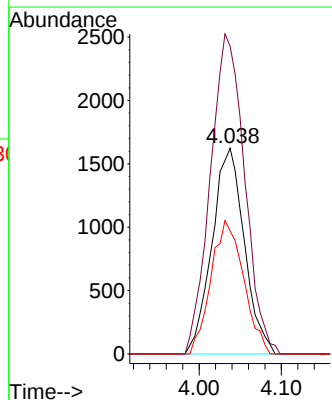
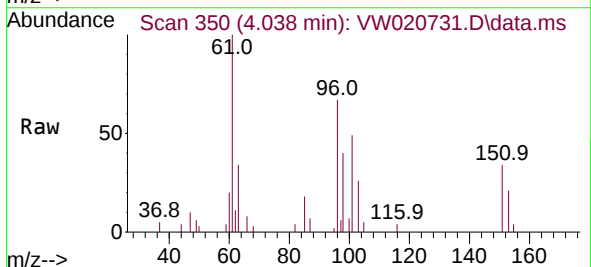
Instrument :  
MSVOA\_W  
ClientSampled :

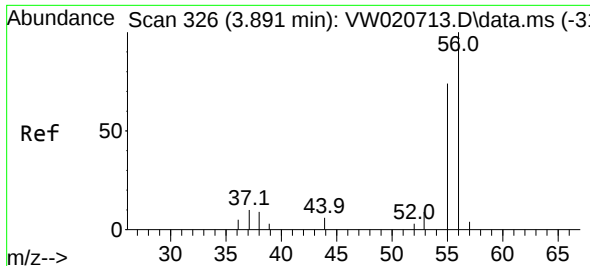
Tgt Ion: 59 Resp: 1405  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



#12  
1,1-Dichloroethene  
Concen: 5.417 ug/l  
RT: 4.038 min Scan# 350  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 96 Resp: 4439  
Ion Ratio Lower Upper  
96 100  
61 149.6 136.6 205.0  
98 59.7 52.2 78.4

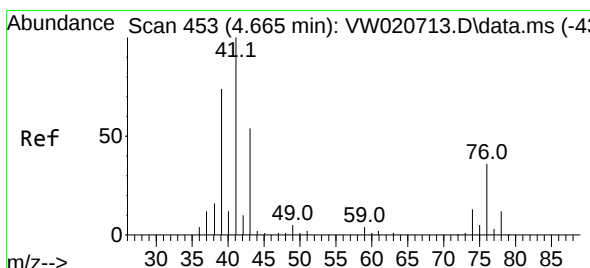
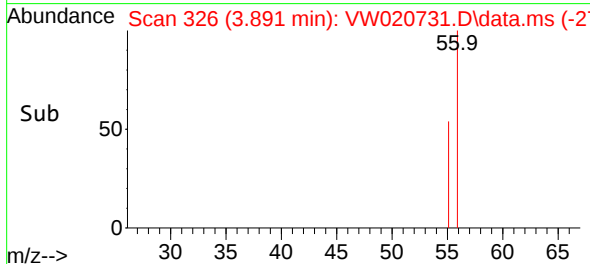
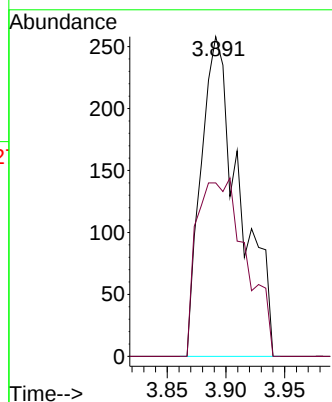
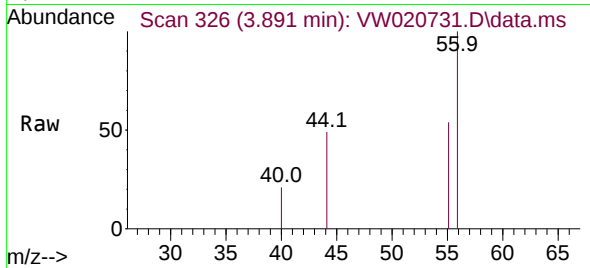




#13  
Acrolein  
Concen: 24.730 ug/l  
RT: 3.891 min Scan# 326  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

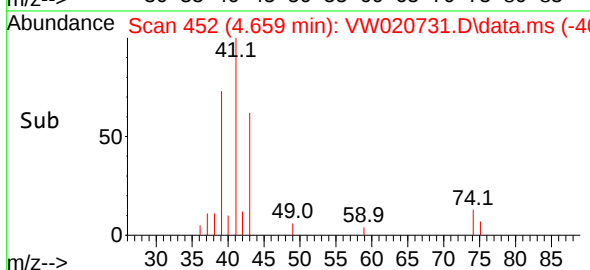
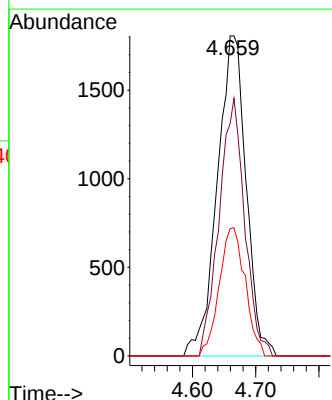
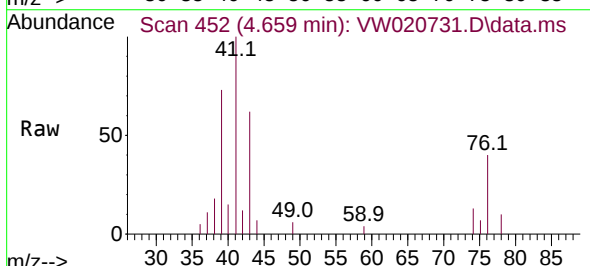
Instrument :  
MSVOA\_W  
ClientSampled :

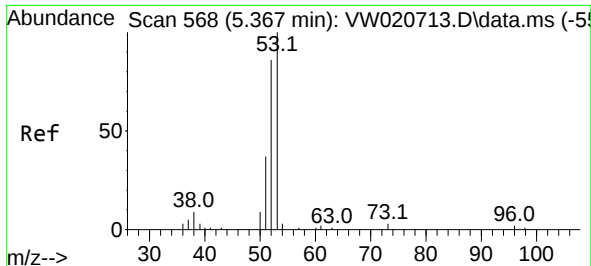
Tgt Ion: 56 Resp: 593  
Ion Ratio Lower Upper  
56 100  
55 70.0 58.2 87.4



#14  
Allyl chloride  
Concen: 4.548 ug/l  
RT: 4.659 min Scan# 452  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 41 Resp: 5732  
Ion Ratio Lower Upper  
41 100  
39 71.2 57.1 85.7  
76 35.9 27.9 41.9

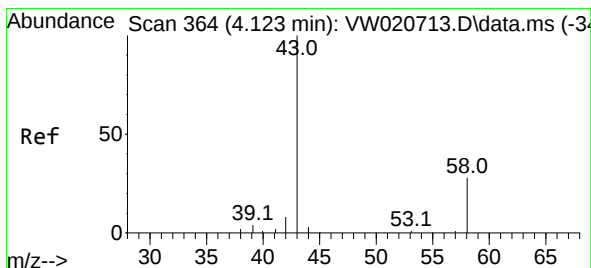
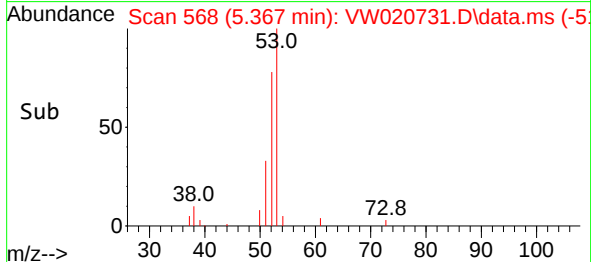
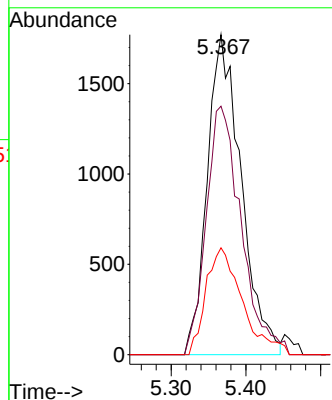
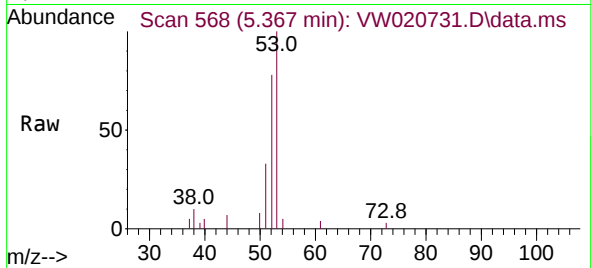




#15  
Acrylonitrile  
Concen: 27.975 ug/l  
RT: 5.367 min Scan# 568  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

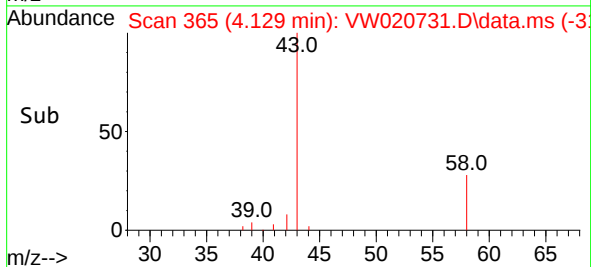
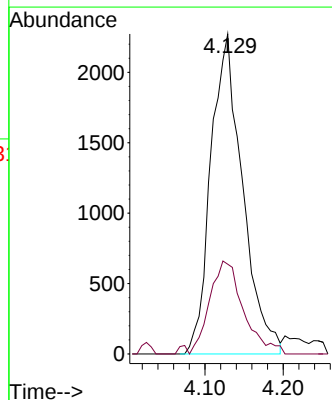
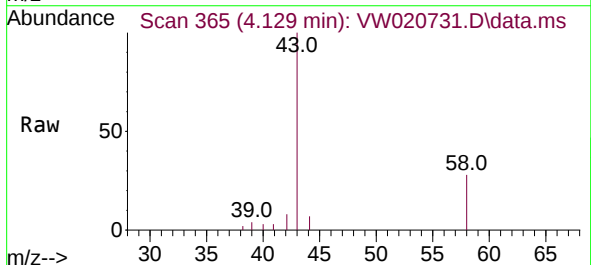
Instrument :  
MSVOA\_W  
ClientSampled :

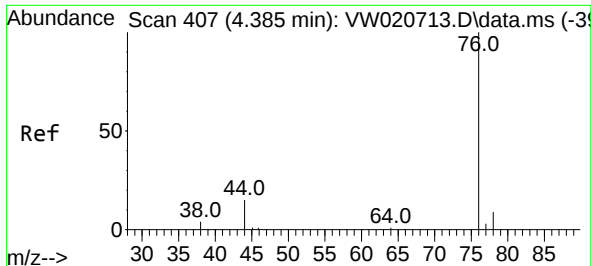
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 5572  |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.2  | 67.7  | 101.5 |
| 51       | 35.8  | 29.8  | 44.8  |



#16  
Acetone  
Concen: 27.921 ug/l  
RT: 4.129 min Scan# 365  
Delta R.T. 0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 6402  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 25.8  | 23.2  | 34.8  |

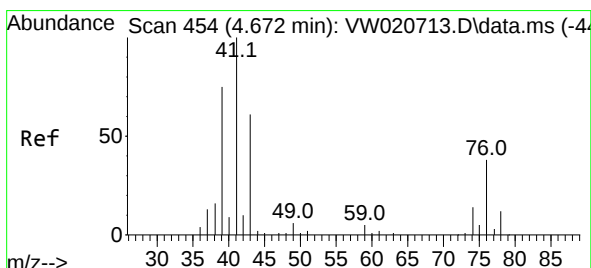
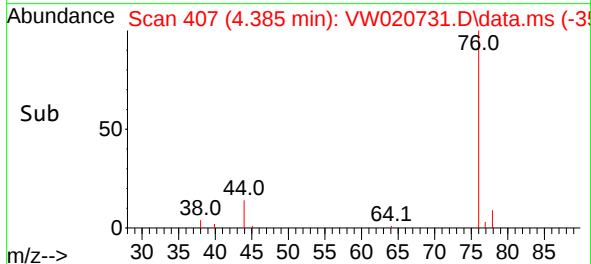
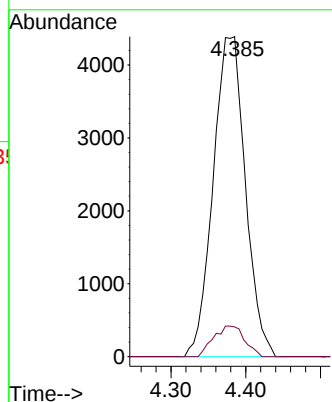
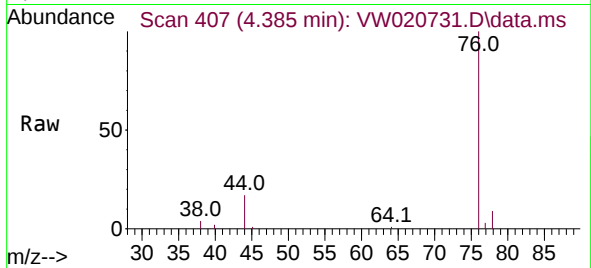




#17  
Carbon Disulfide  
Concen: 5.799 ug/l  
RT: 4.385 min Scan# 407  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

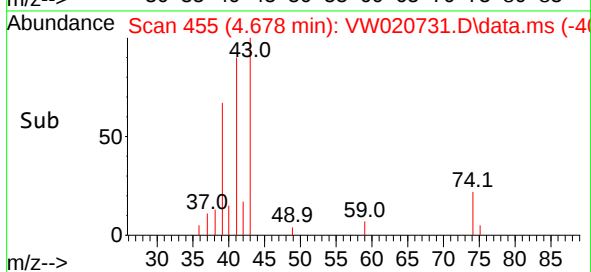
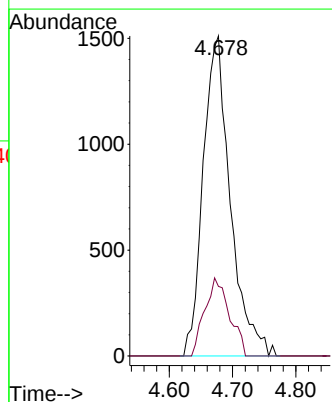
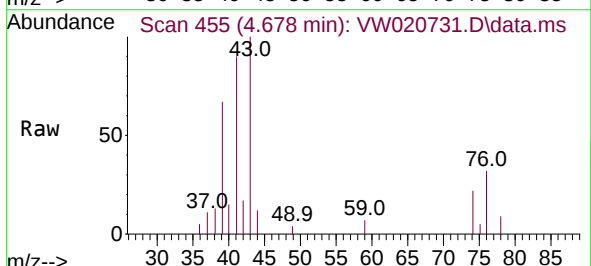
Instrument :  
MSVOA\_W  
ClientSampled :

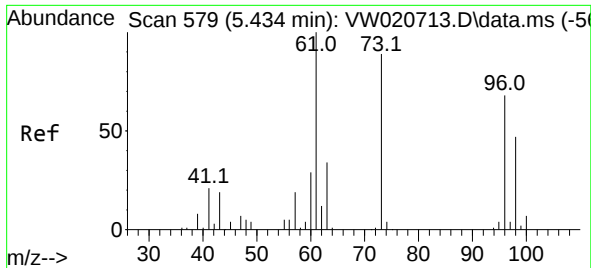
Tgt Ion: 76 Resp: 13154  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.0 10.6



#18  
Methyl Acetate  
Concen: 6.158 ug/l  
RT: 4.678 min Scan# 455  
Delta R.T. 0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 43 Resp: 4513  
Ion Ratio Lower Upper  
43 100  
74 22.1 18.8 28.2

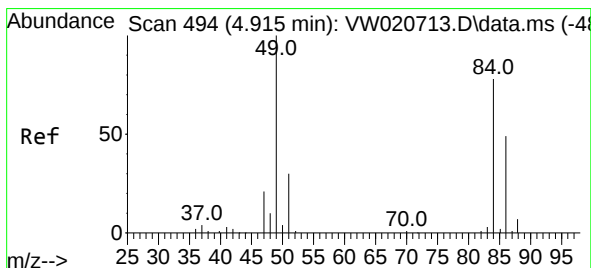
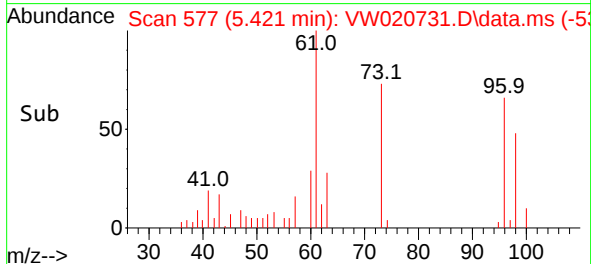
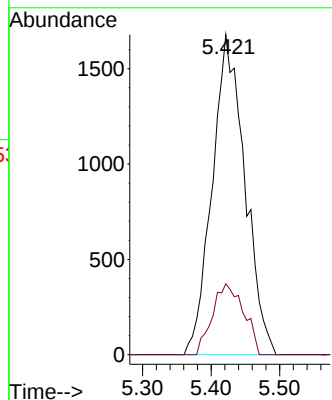
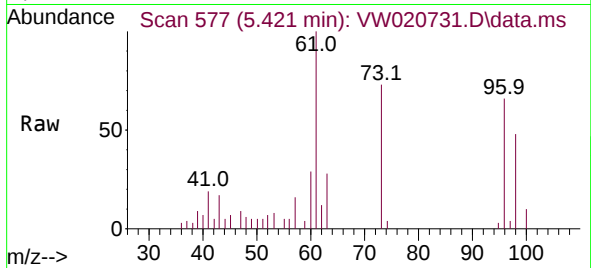




#19  
Methyl tert-butyl Ether  
Concen: 4.955 ug/l  
RT: 5.421 min Scan# 577  
Delta R.T. -0.012 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

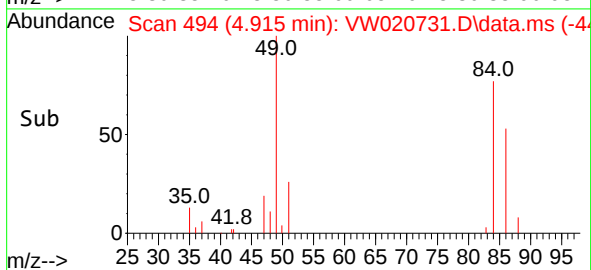
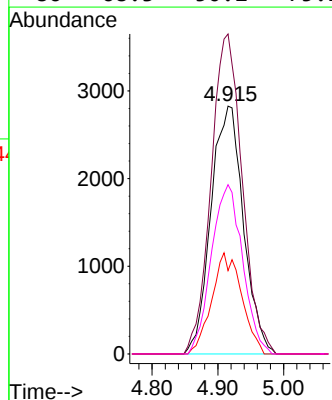
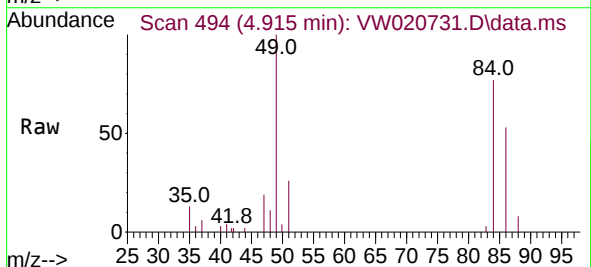
Instrument :  
MSVOA\_W  
ClientSampled :

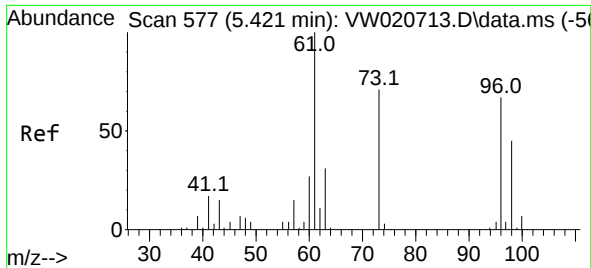
Tgt Ion: 73 Resp: 5564  
Ion Ratio Lower Upper  
73 100  
57 22.2 16.8 25.2



#20  
Methylene Chloride  
Concen: 8.900 ug/l  
RT: 4.915 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 84 Resp: 9687  
Ion Ratio Lower Upper  
84 100  
49 129.1 102.0 153.0  
51 33.6 30.6 45.8  
86 68.3 50.2 75.2

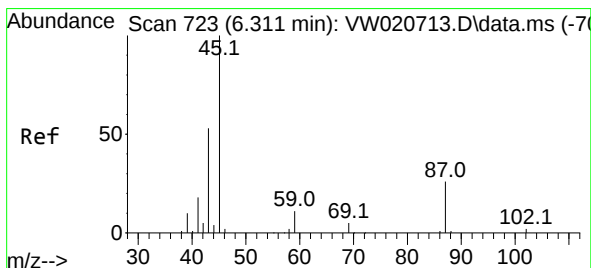
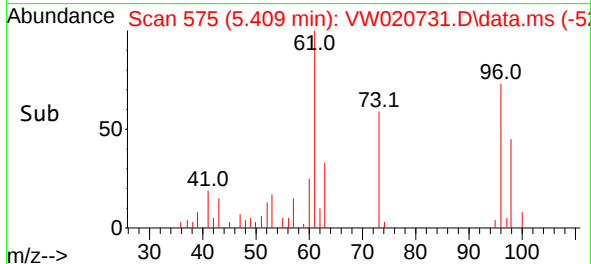
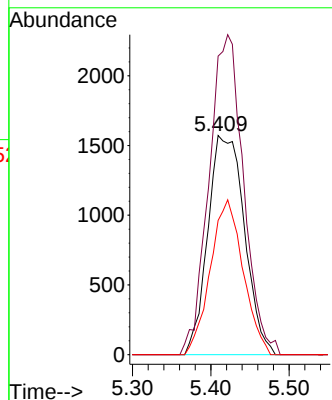
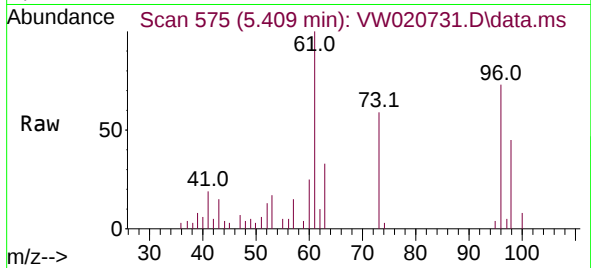




#21  
trans-1,2-Dichloroethene  
Concen: 5.562 ug/l  
RT: 5.409 min Scan# 575  
Delta R.T. -0.012 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

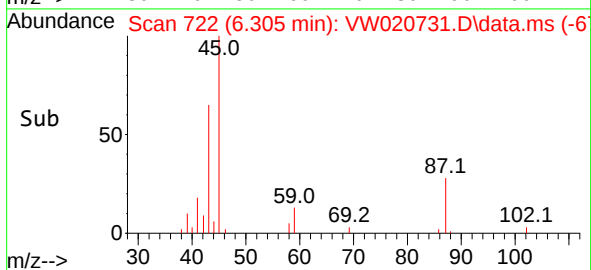
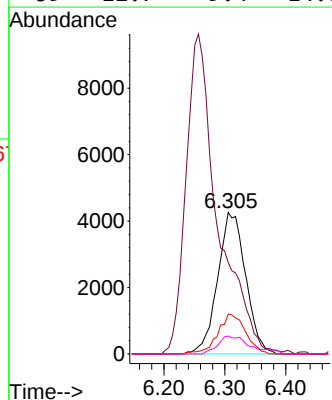
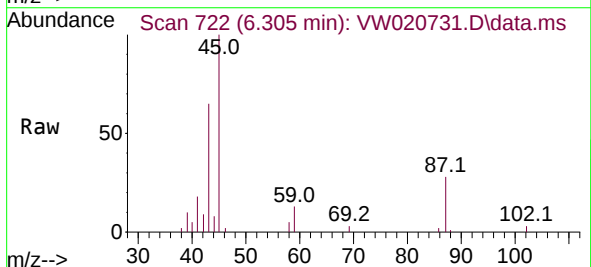
Instrument :  
MSVOA\_W  
ClientSampled :

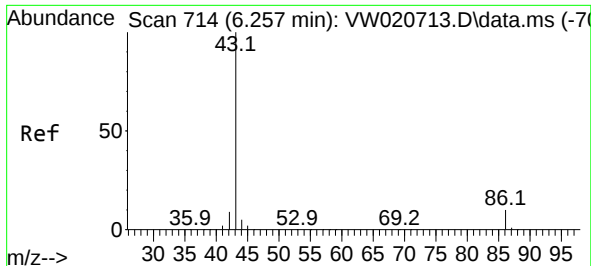
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 5098  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 136.2 | 119.0 | 178.6 |
| 98       | 61.3  | 53.7  | 80.5  |



#22  
Diisopropyl ether  
Concen: 5.165 ug/l  
RT: 6.305 min Scan# 722  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 13577 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 63.1  | 43.8  | 65.6  |
| 87       | 28.1  | 21.6  | 32.4  |
| 59       | 12.7  | 9.4   | 14.0  |

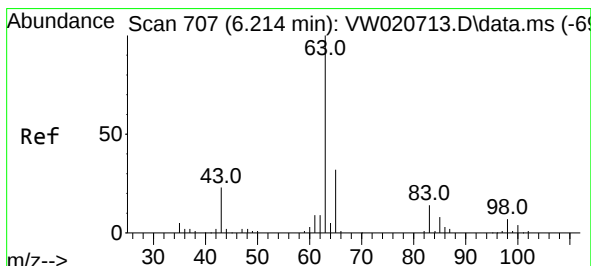
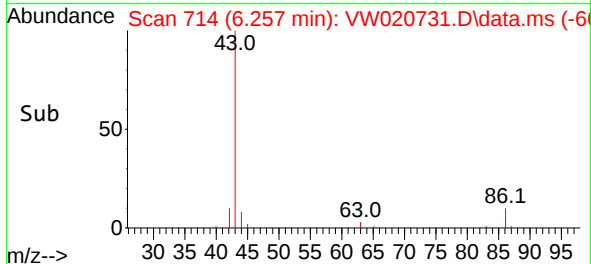
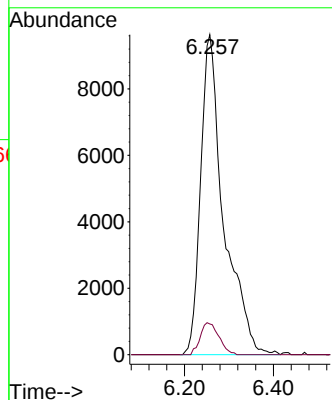
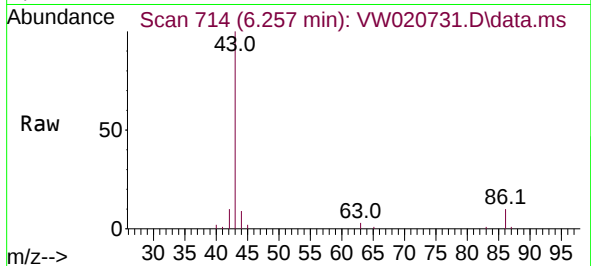




#23  
 Vinyl Acetate  
 Concen: 24.330 ug/l  
 RT: 6.257 min Scan# 714  
 Delta R.T. 0.000 min  
 Lab File: VW020731.D  
 Acq: 29 Oct 2021 17:21

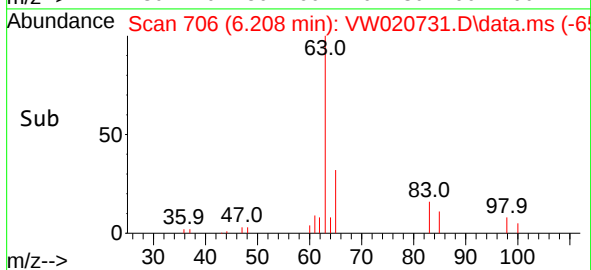
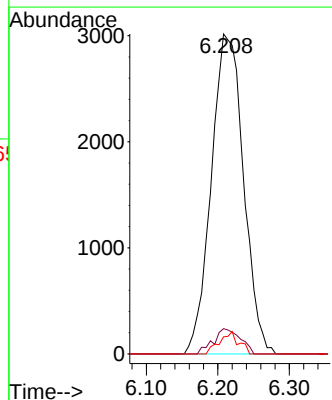
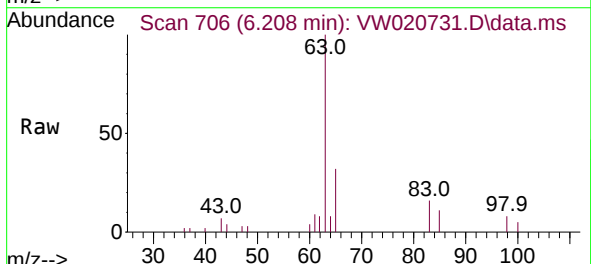
Instrument :  
 MSVOA\_W  
 ClientSampled :

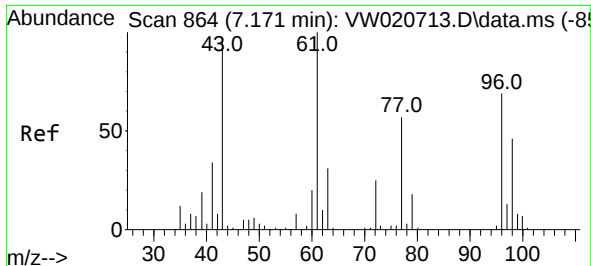
Tgt Ion: 43 Resp: 34805  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 8.1 12.1



#24  
 1,1-Dichloroethane  
 Concen: 5.600 ug/l  
 RT: 6.208 min Scan# 706  
 Delta R.T. -0.006 min  
 Lab File: VW020731.D  
 Acq: 29 Oct 2021 17:21

Tgt Ion: 63 Resp: 9436  
 Ion Ratio Lower Upper  
 63 100  
 98 7.9 3.5 10.6  
 100 5.3 2.1 6.5

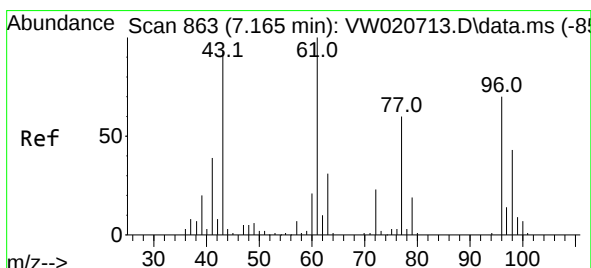
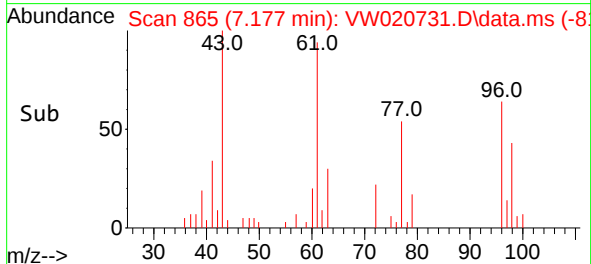
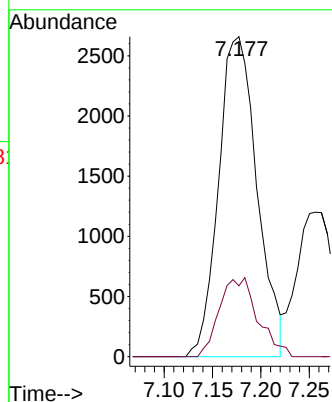
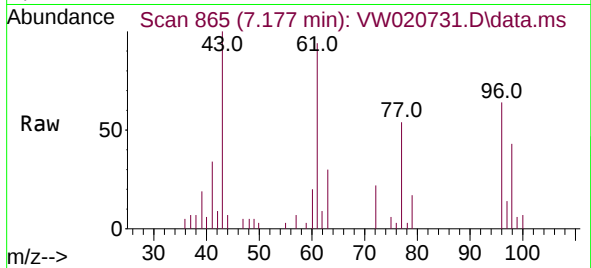




#25  
2-Butanone  
Concen: 26.722 ug/l  
RT: 7.177 min Scan# 865  
Delta R.T. 0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

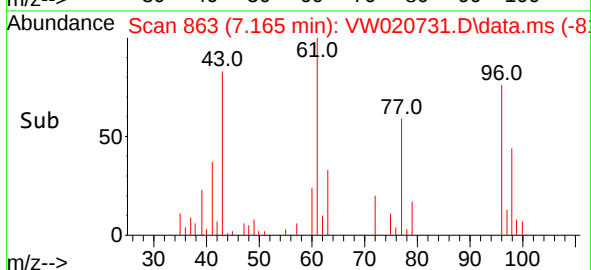
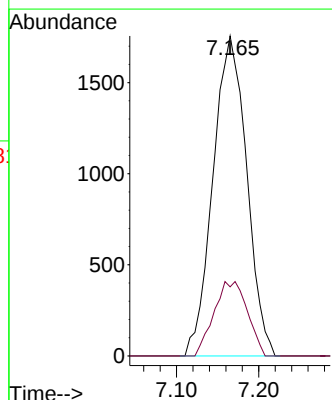
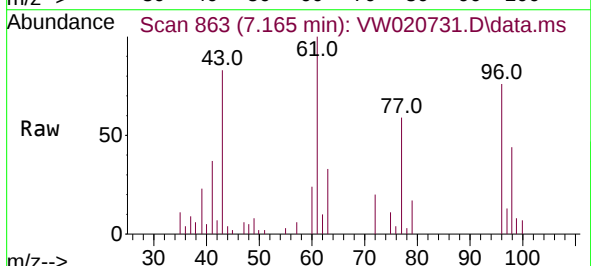
Instrument :  
MSVOA\_W  
ClientSampled :

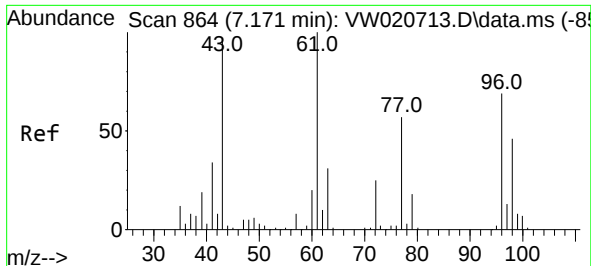
Tgt Ion: 43 Resp: 7367  
Ion Ratio Lower Upper  
43 100  
72 22.2 20.4 30.6



#26  
2,2-Dichloropropane  
Concen: 5.338 ug/l  
RT: 7.165 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 77 Resp: 5005  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 5.609 ug/l

RT: 7.165 min Scan# 863

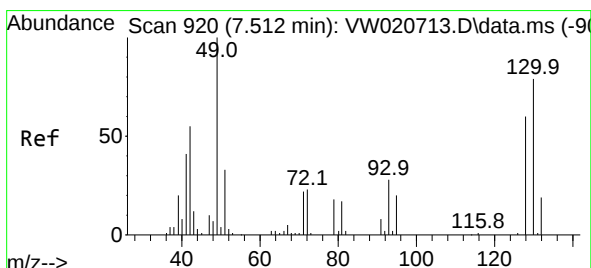
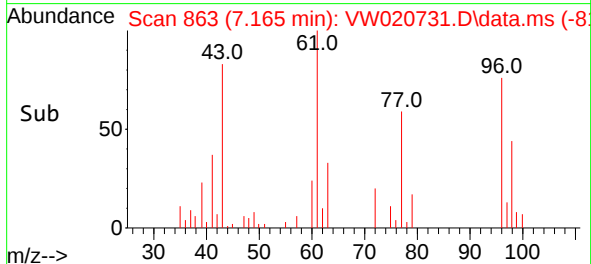
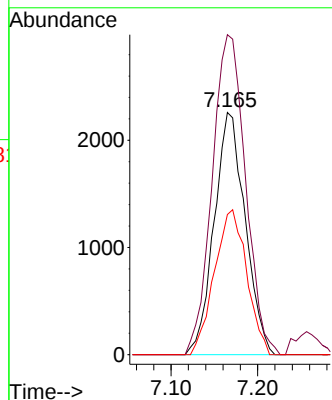
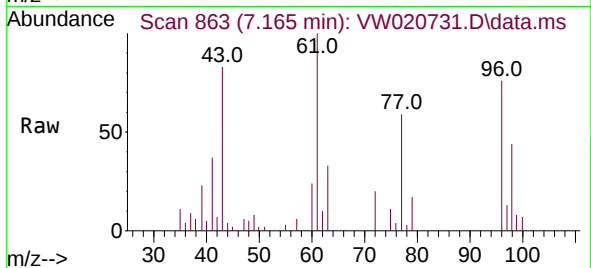
Delta R.T. -0.006 min

Lab File: VW020731.D

Acq: 29 Oct 2021 17:21

Tgt Ion: 96 Resp: 5623

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 141.9 | 0.0   | 288.8 |
| 98  | 62.2  | 0.0   | 129.2 |



#28

Bromochloromethane

Concen: 5.985 ug/l

RT: 7.513 min Scan# 920

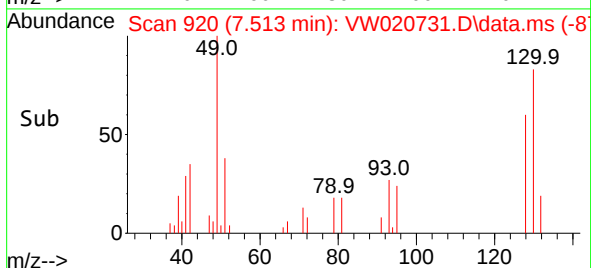
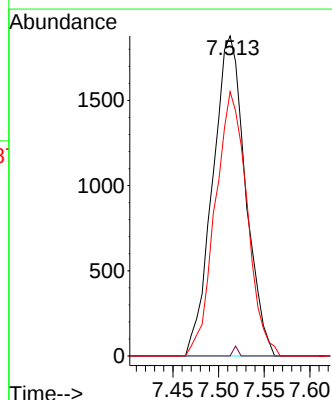
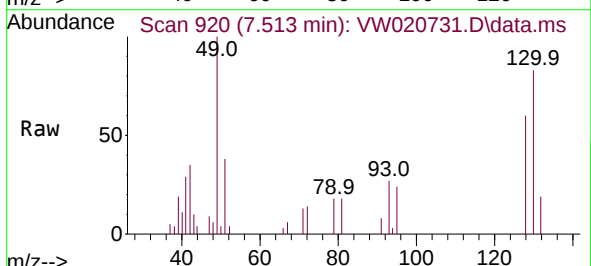
Delta R.T. 0.000 min

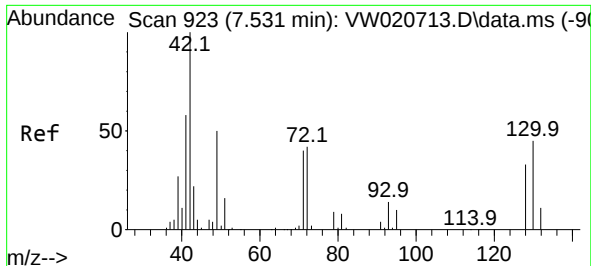
Lab File: VW020731.D

Acq: 29 Oct 2021 17:21

Tgt Ion: 49 Resp: 4686

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.5   | 0.0   | 0.0#  |
| 130 | 80.5  | 63.7  | 95.5  |





#29

Tetrahydrofuran

Concen: 26.125 ug/l

RT: 7.537 min Scan# 924

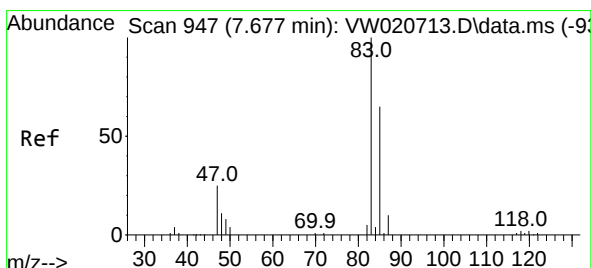
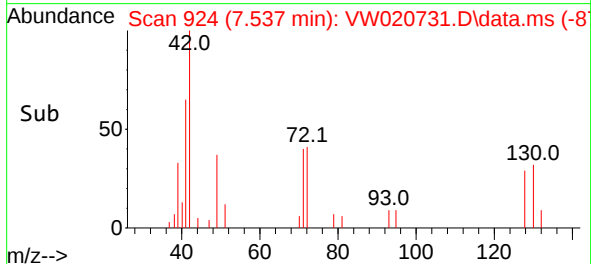
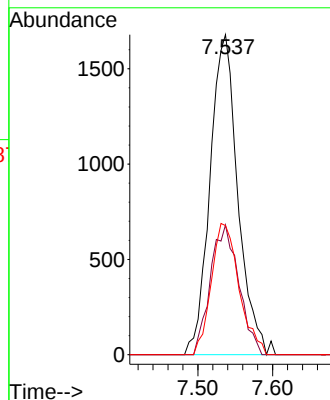
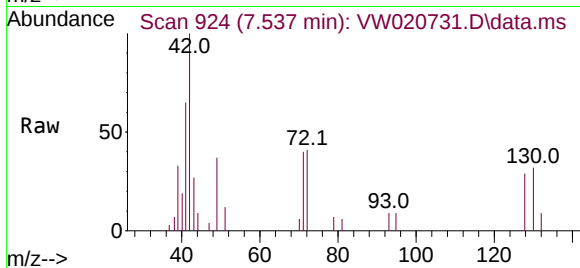
Delta R.T. 0.006 min

Lab File: VW020731.D

Acq: 29 Oct 2021 17:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 4358  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 41.2  | 33.0  | 49.6  |
| 71       | 40.9  | 31.5  | 47.3  |

Instrument :  
MSVOA\_W  
ClientSampleId :



#30

Chloroform

Concen: 5.617 ug/l

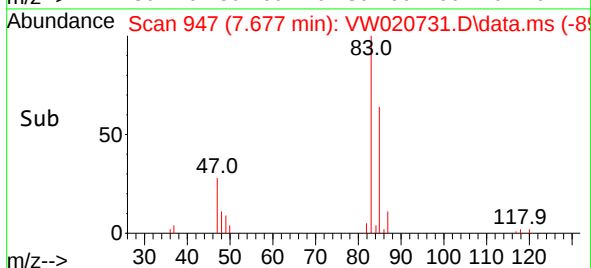
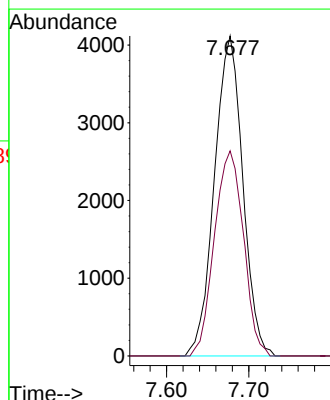
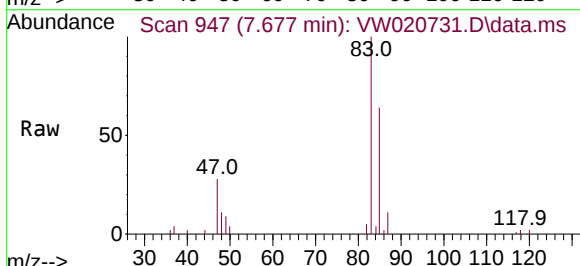
RT: 7.677 min Scan# 947

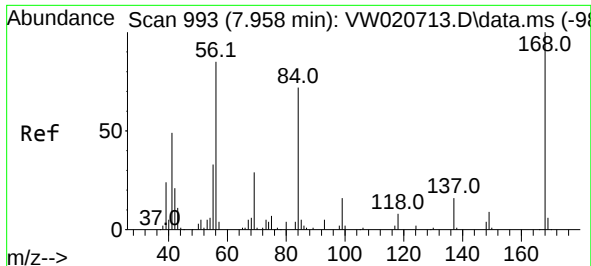
Delta R.T. 0.000 min

Lab File: VW020731.D

Acq: 29 Oct 2021 17:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 9881  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.1  | 51.6  | 77.4  |

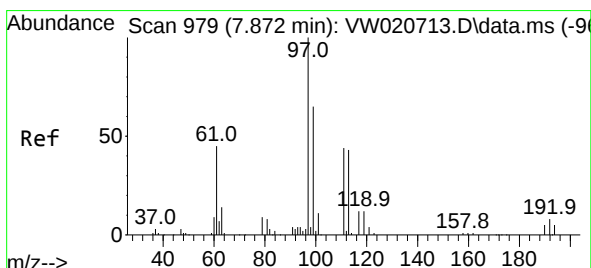
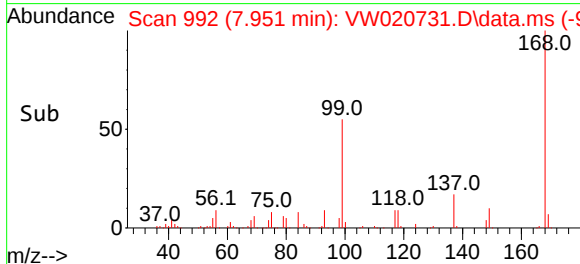
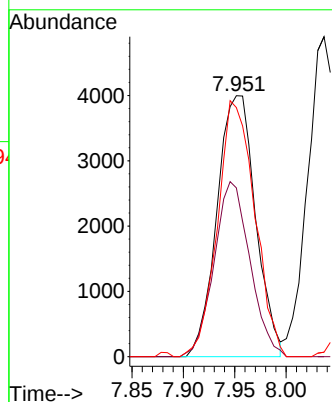
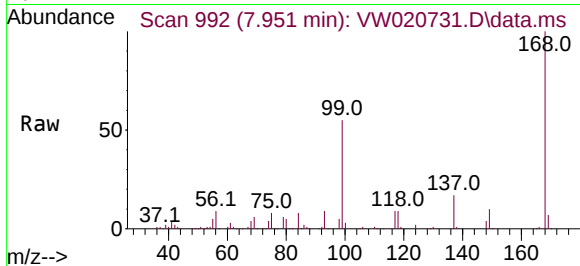




#31  
Cyclohexane  
Concen: 6.074 ug/l  
RT: 7.951 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

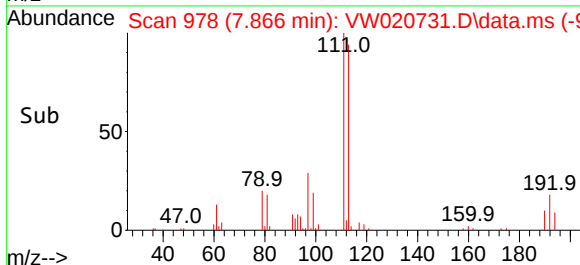
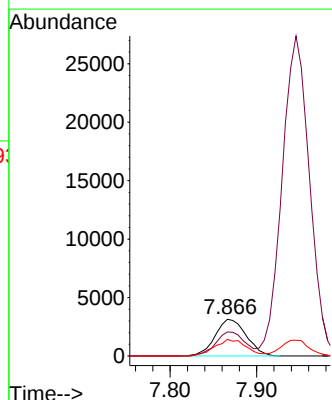
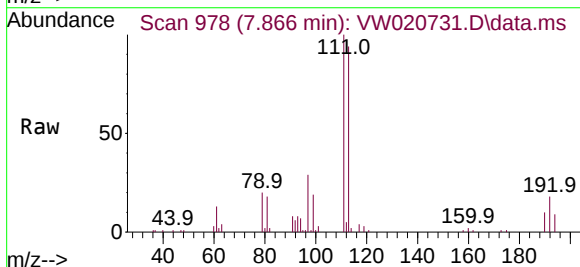
Instrument :  
MSVOA\_W  
ClientSampled :

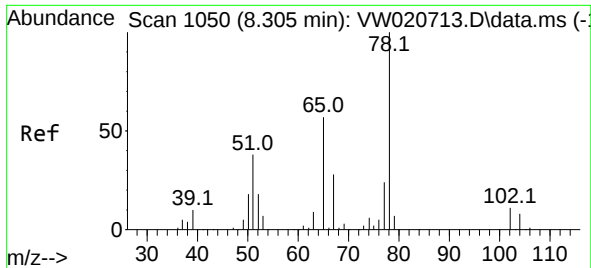
Tgt Ion: 56 Resp: 10431  
Ion Ratio Lower Upper  
56 100  
69 64.7 26.9 40.3#  
84 95.5 68.1 102.1



#32  
1,1,1-Trichloroethane  
Concen: 5.794 ug/l  
RT: 7.866 min Scan# 978  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 97 Resp: 7804  
Ion Ratio Lower Upper  
97 100  
99 61.6 51.9 77.9  
61 45.2 36.5 54.7

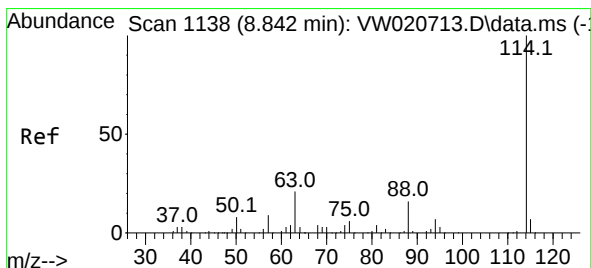
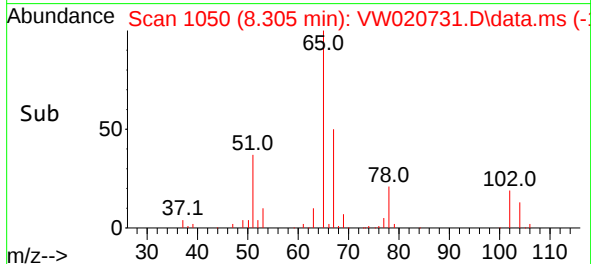
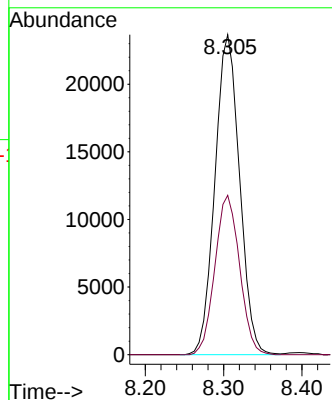
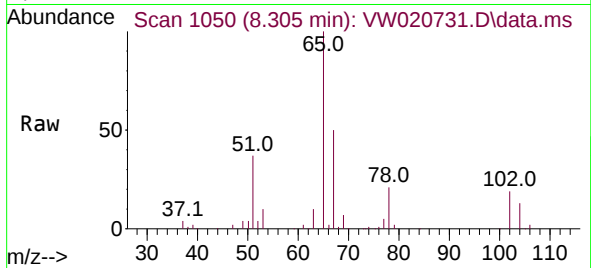




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.532 ug/l  
 RT: 8.305 min Scan# 1050  
 Delta R.T. 0.000 min  
 Lab File: VW020731.D  
 Acq: 29 Oct 2021 17:21

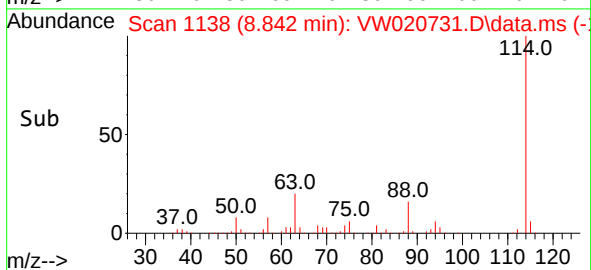
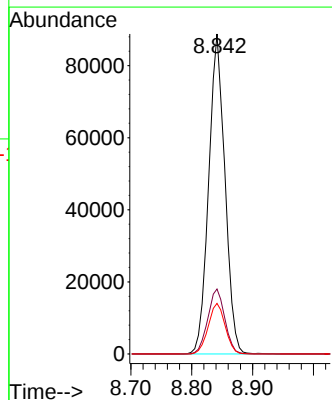
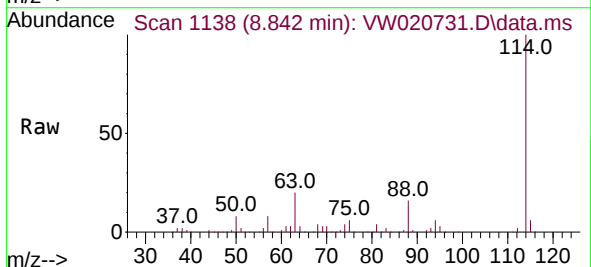
Instrument :  
 MSVOA\_W  
 ClientSampled :

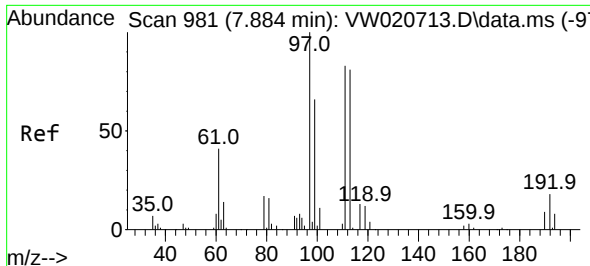
Tgt Ion: 65 Resp: 51787  
 Ion Ratio Lower Upper  
 65 100  
 67 49.8 0.0 99.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.842 min Scan# 1138  
 Delta R.T. -0.000 min  
 Lab File: VW020731.D  
 Acq: 29 Oct 2021 17:21

Tgt Ion: 114 Resp: 164555  
 Ion Ratio Lower Upper  
 114 100  
 63 20.3 0.0 41.4  
 88 15.8 0.0 32.8

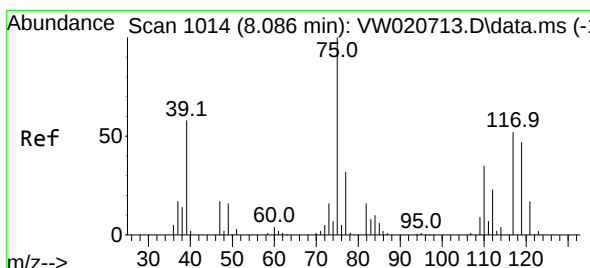
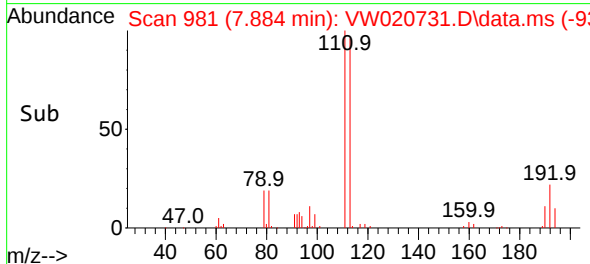
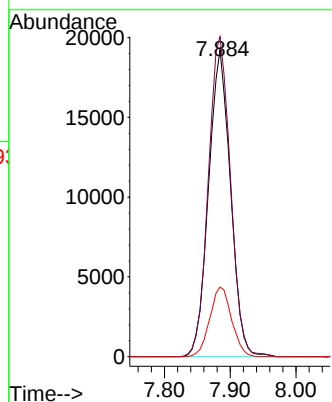
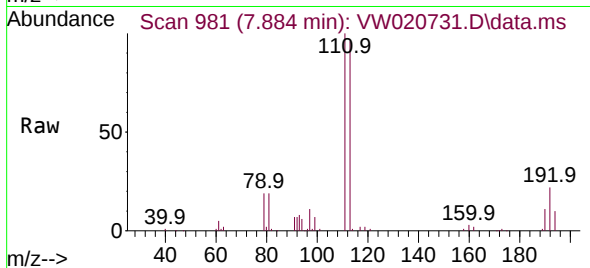




#35  
Dibromofluoromethane  
Concen: 46.083 ug/l  
RT: 7.884 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

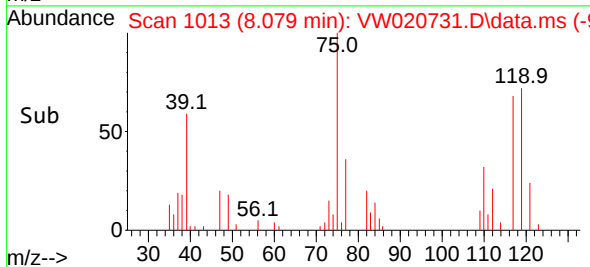
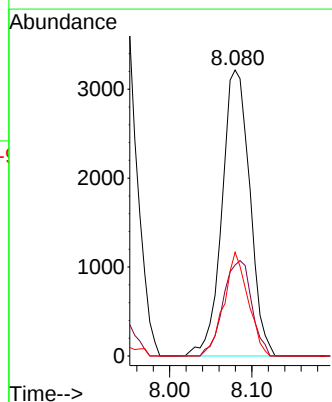
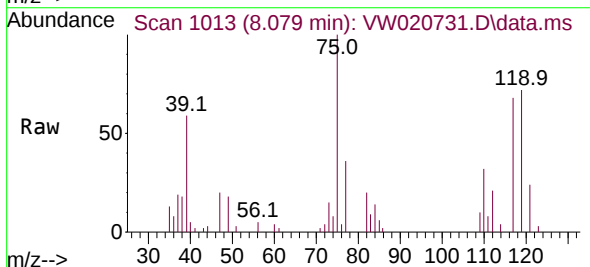
Instrument :  
MSVOA\_W  
ClientSampleId :

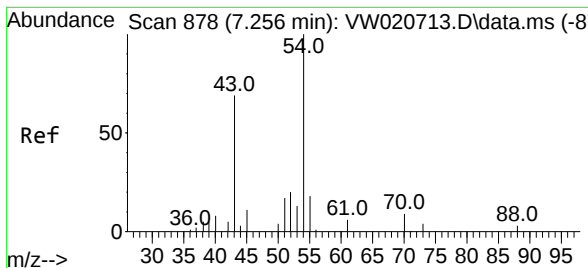
Tgt Ion:113 Resp: 44485  
Ion Ratio Lower Upper  
113 100  
111 105.7 82.3 123.5  
192 22.6 17.7 26.5



#36  
1,1-Dichloropropene  
Concen: 5.150 ug/l  
RT: 8.079 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 75 Resp: 7560  
Ion Ratio Lower Upper  
75 100  
110 34.1 17.3 52.0  
77 31.4 24.8 37.2





#37

Ethyl Acetate

Concen: 5.691 ug/l

RT: 7.256 min Scan# 878

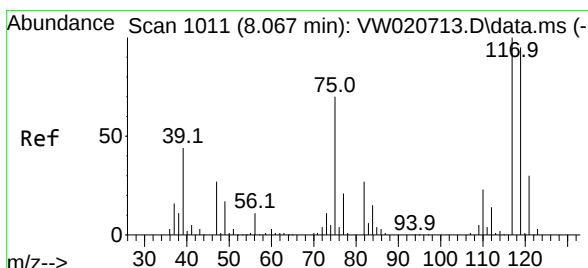
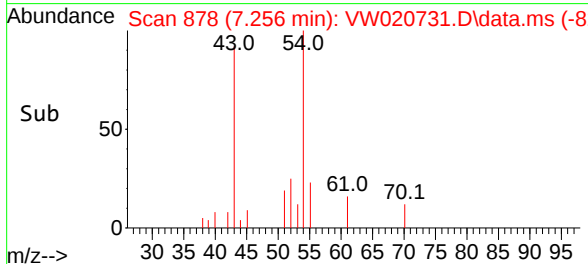
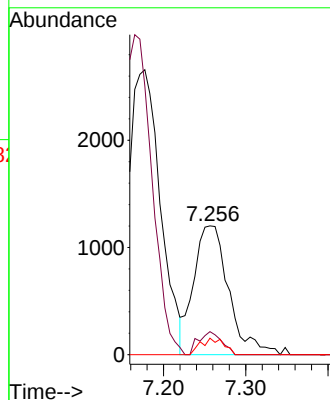
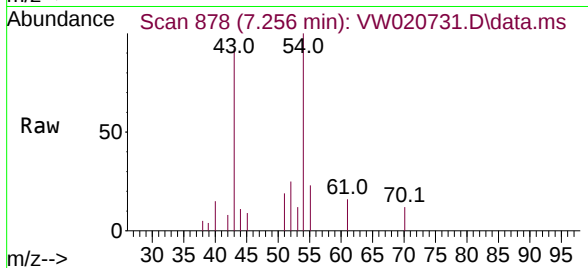
Delta R.T. 0.000 min

Lab File: VW020731.D

Acq: 29 Oct 2021 17:21

Instrument :  
MSVOA\_W  
ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 43 | Resp: | 3565      |
| Ion Ratio   | Lower | Upper     |
| 43          | 100   |           |
| 61          | 11.7  | 11.0 16.4 |
| 70          | 8.3   | 8.6 13.0# |



#38

Carbon Tetrachloride

Concen: 5.244 ug/l

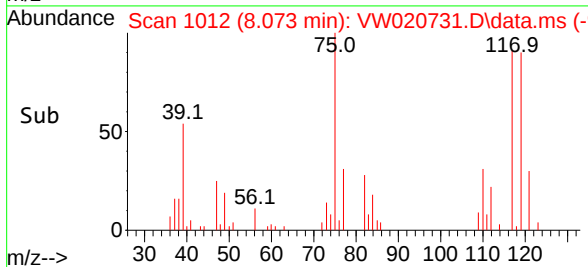
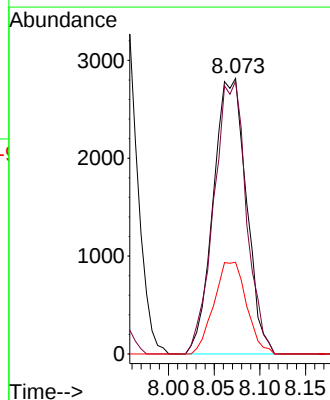
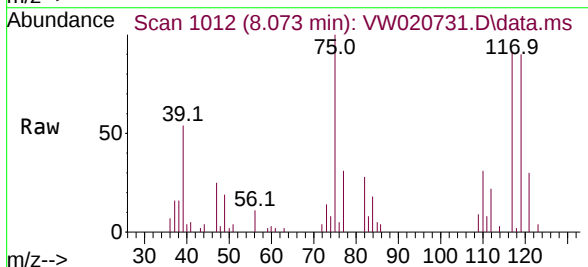
RT: 8.073 min Scan# 1012

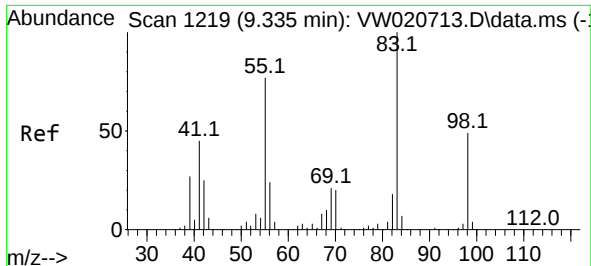
Delta R.T. 0.006 min

Lab File: VW020731.D

Acq: 29 Oct 2021 17:21

|              |       |            |
|--------------|-------|------------|
| Tgt Ion: 117 | Resp: | 7090       |
| Ion Ratio    | Lower | Upper      |
| 117          | 100   |            |
| 119          | 99.0  | 76.1 114.1 |
| 121          | 33.3  | 24.2 36.4  |

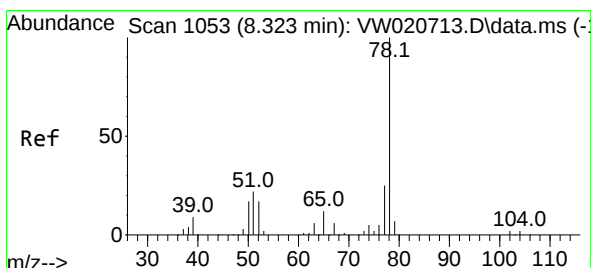
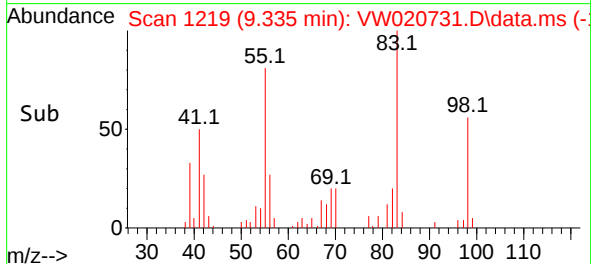
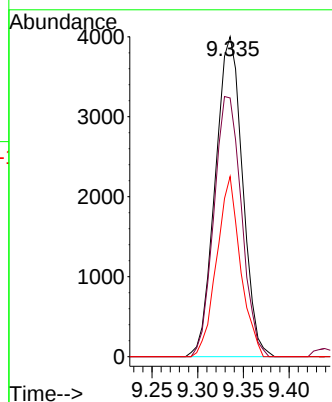
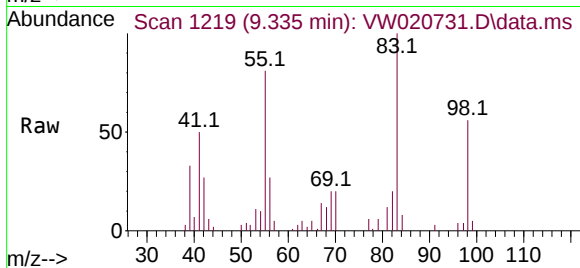




#39  
Methylcyclohexane  
Concen: 4.673 ug/l  
RT: 9.335 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

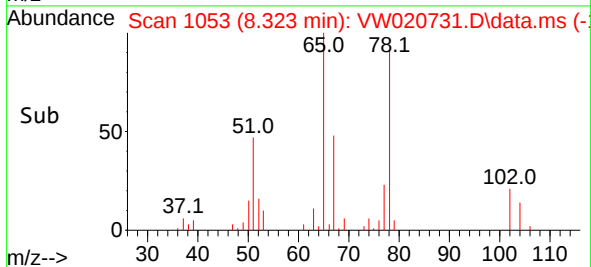
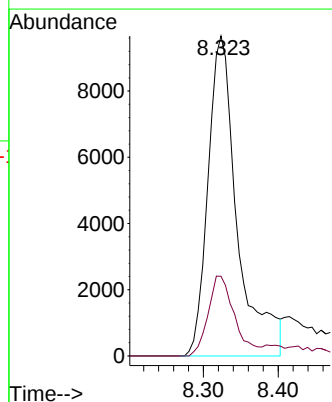
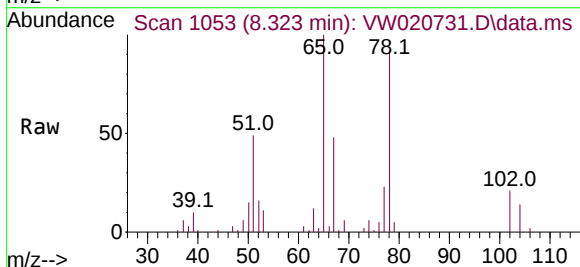
Instrument :  
MSVOA\_W  
ClientSampled :

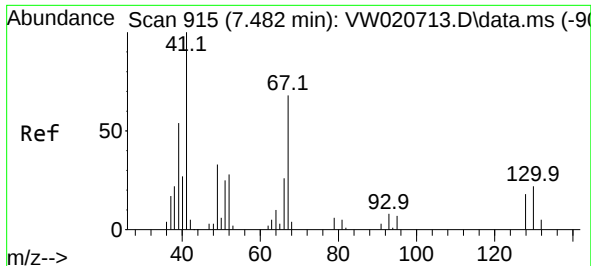
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 8289  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 80.9  | 61.6  | 92.4  |
| 98       | 56.3  | 39.0  | 58.6  |



#40  
Benzene  
Concen: 6.249 ug/l  
RT: 8.323 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 26326 |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 24.9  | 19.6  | 29.4  |

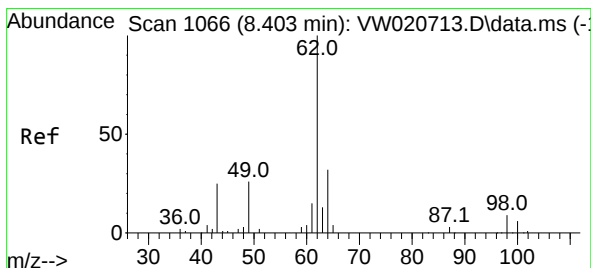
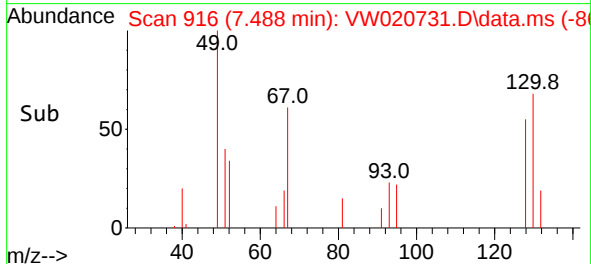
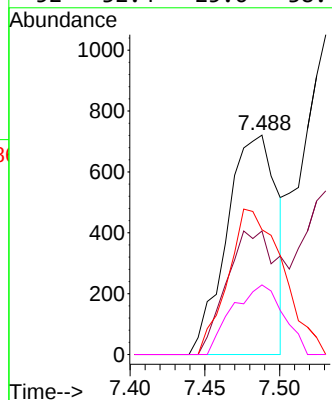
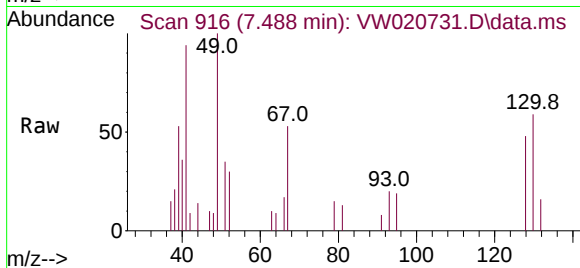




#41  
Methacrylonitrile  
Concen: 4.553 ug/l  
RT: 7.488 min Scan# 916  
Delta R.T. 0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

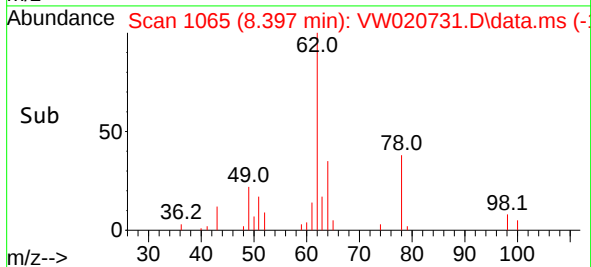
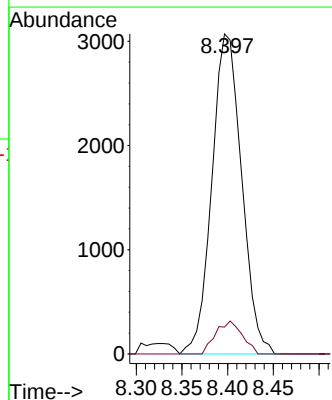
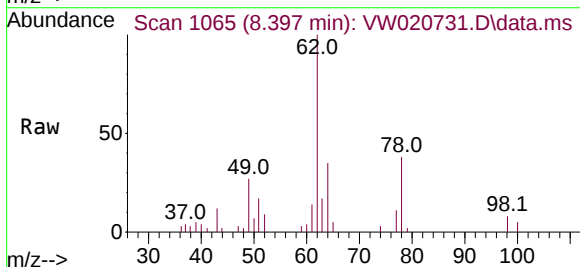
Instrument :  
MSVOA\_W  
ClientSampleId :

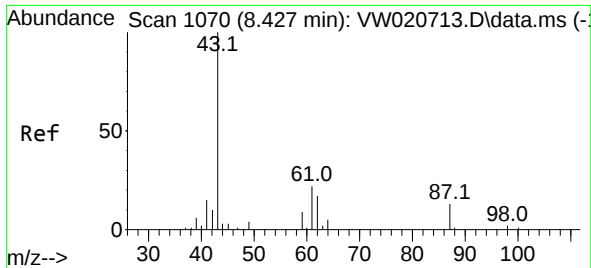
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 1678  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 61.9  | 49.4  | 74.2  |
| 67       | 72.4  | 58.9  | 88.3  |
| 52       | 32.4  | 25.6  | 38.4  |



#42  
1,2-Dichloroethane  
Concen: 5.362 ug/l  
RT: 8.397 min Scan# 1065  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 6943  |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.2   | 0.0   | 17.8  |

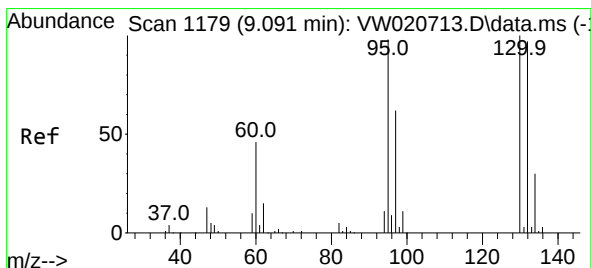
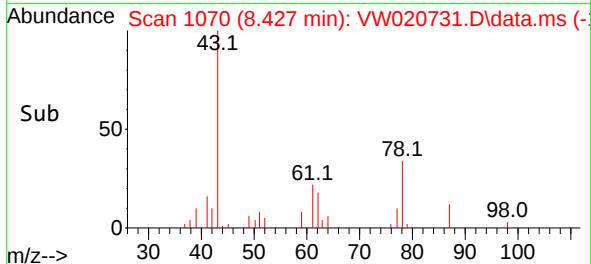
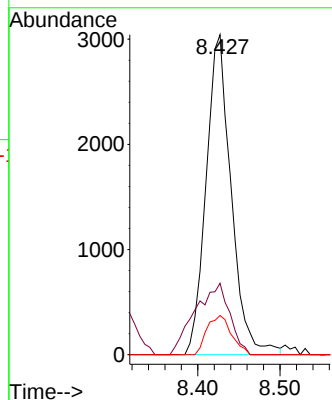
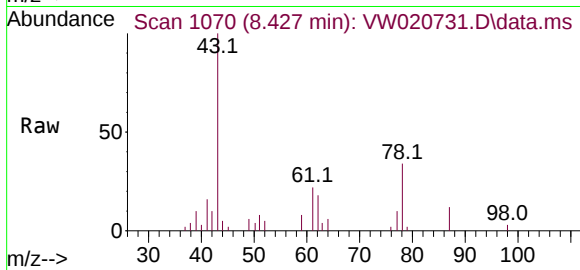




#43  
Isopropyl Acetate  
Concen: 5.369 ug/l  
RT: 8.427 min Scan# 1070  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

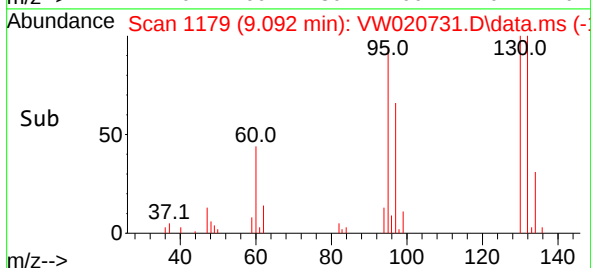
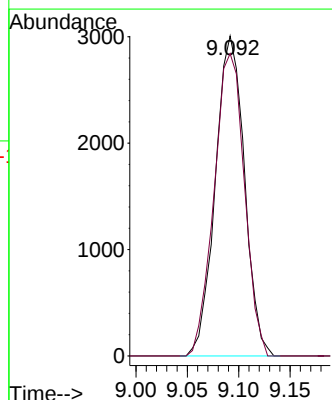
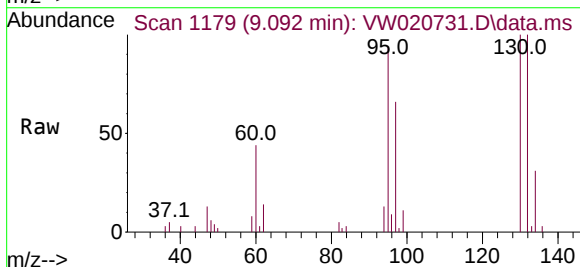
Instrument :  
MSVOA\_W  
ClientSampleId :

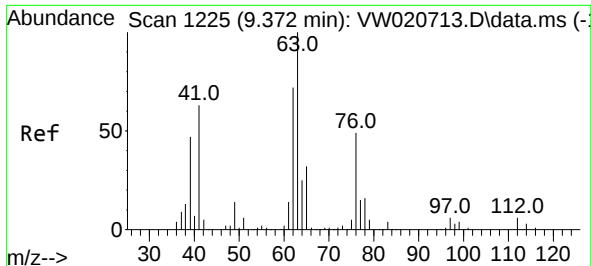
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 30.8  | 24.1  | 36.1  |
| 87      | 12.0  | 10.5  | 15.7  |



#44  
Trichloroethene  
Concen: 5.343 ug/l  
RT: 9.092 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 94.5  | 0.0   | 196.2 |





#45

1,2-Dichloropropane

Concen: 5.172 ug/l

RT: 9.366 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VW020731.D

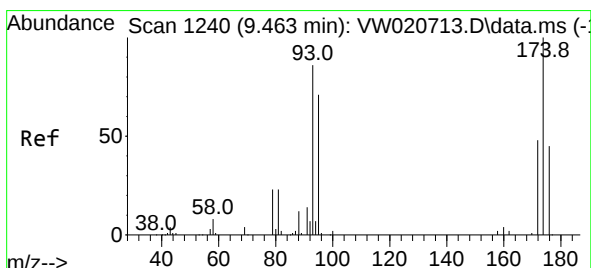
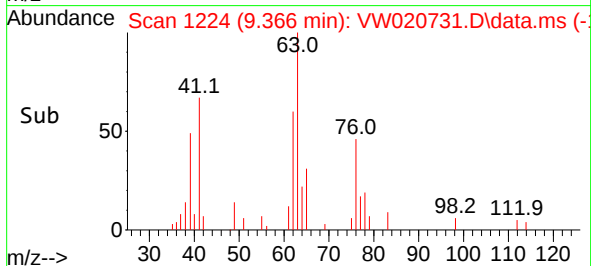
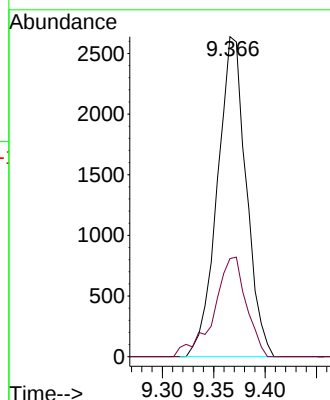
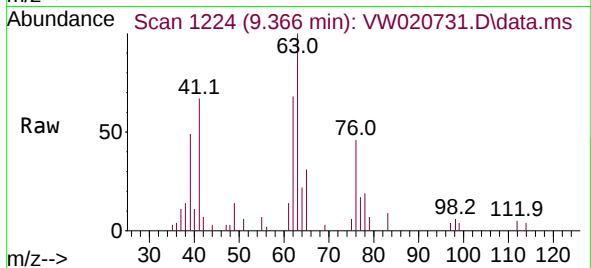
Acq: 29 Oct 2021 17:21

Tgt Ion: 63 Resp: 5140

Ion Ratio Lower Upper

63 100

65 30.7 25.2 37.8



#46

Dibromomethane

Concen: 5.196 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. -0.006 min

Lab File: VW020731.D

Acq: 29 Oct 2021 17:21

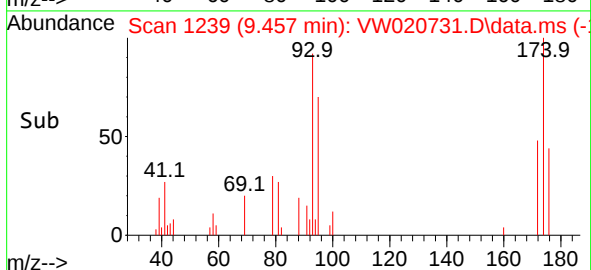
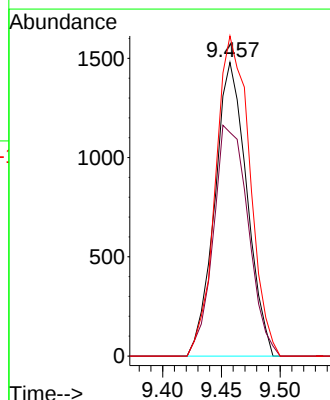
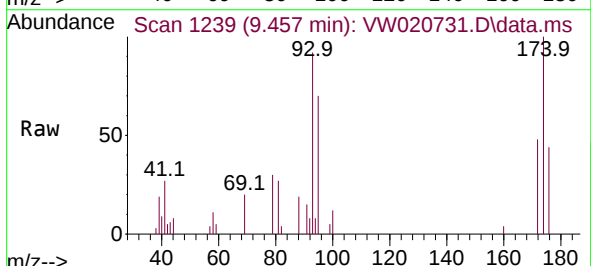
Tgt Ion: 93 Resp: 2806

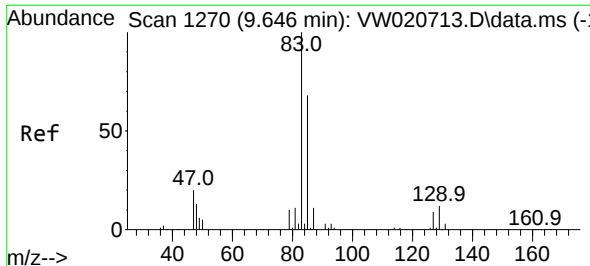
Ion Ratio Lower Upper

93 100

95 85.1 66.7 100.1

174 116.1 90.4 135.6

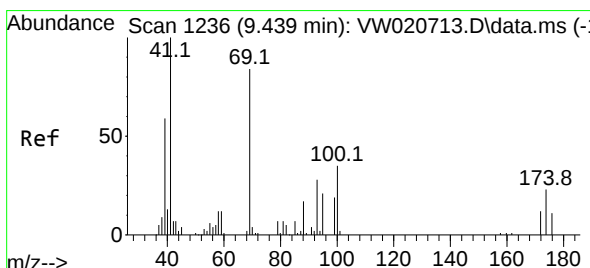
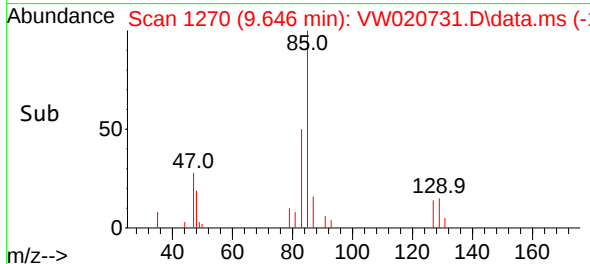
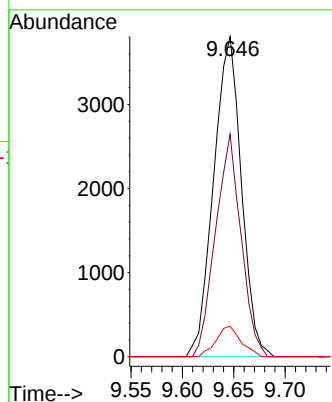
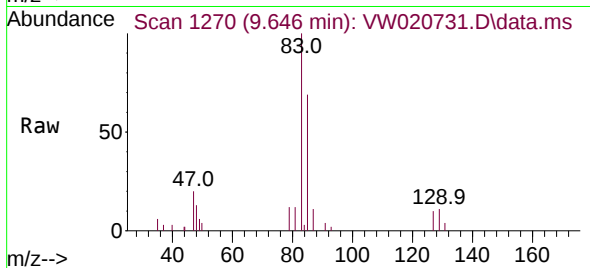




#47  
Bromodichloromethane  
Concen: 5.198 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

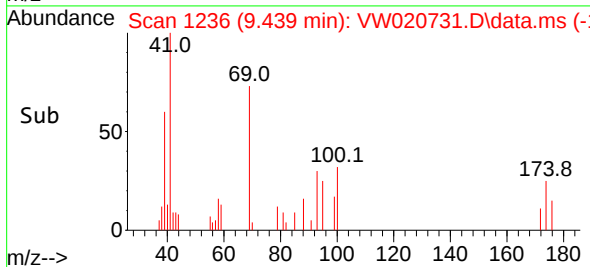
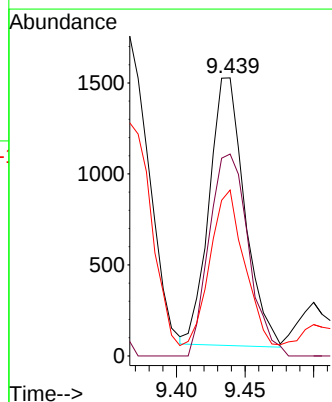
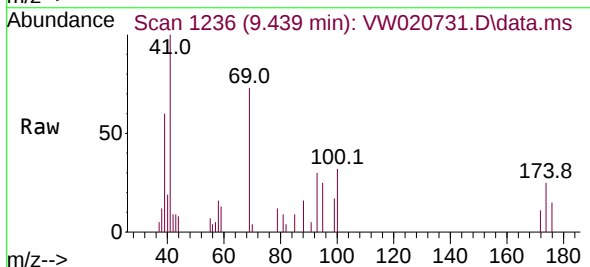
Instrument :  
MSVOA\_W  
ClientSampled :

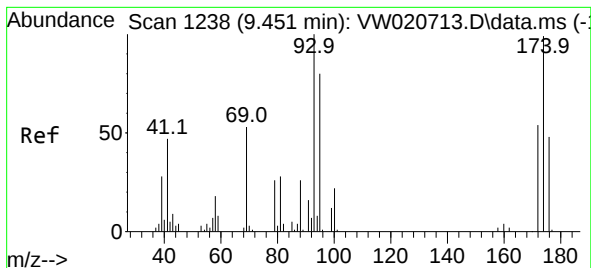
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 83 | Resp: | 7125        |
| Ion         | Ratio | Lower Upper |
| 83          | 100   |             |
| 85          | 69.5  | 54.0 81.0   |
| 127         | 9.6   | 7.0 10.6    |



#48  
Methyl methacrylate  
Concen: 4.508 ug/l  
RT: 9.439 min Scan# 1236  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 41 | Resp: | 2649        |
| Ion         | Ratio | Lower Upper |
| 41          | 100   |             |
| 69          | 83.5  | 67.4 101.0  |
| 39          | 58.4  | 47.2 70.8   |

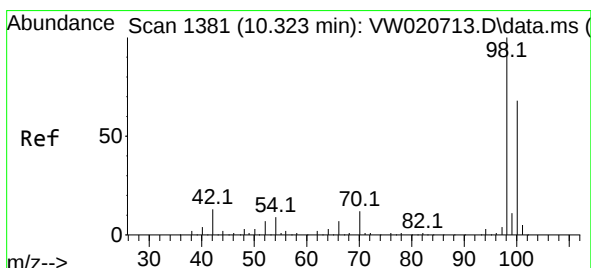
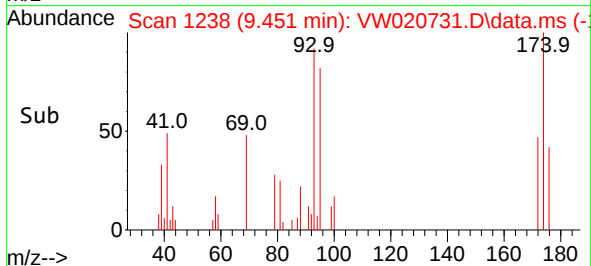
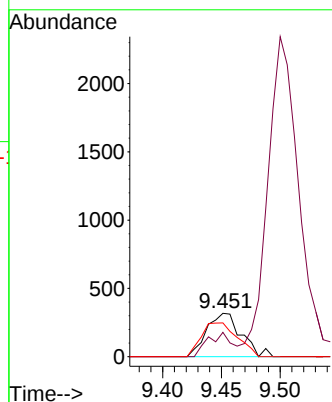
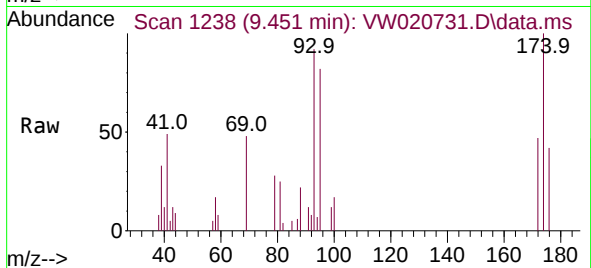




#49  
1,4-Dioxane  
Concen: 90.937 ug/l  
RT: 9.451 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

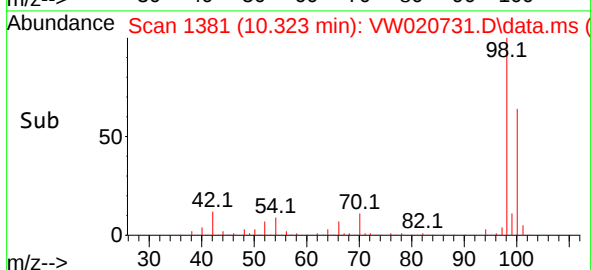
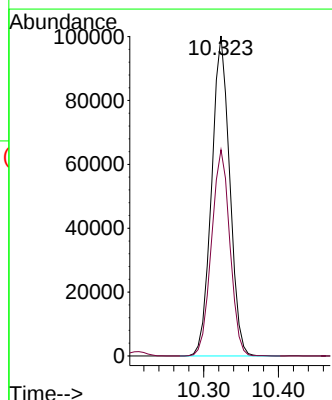
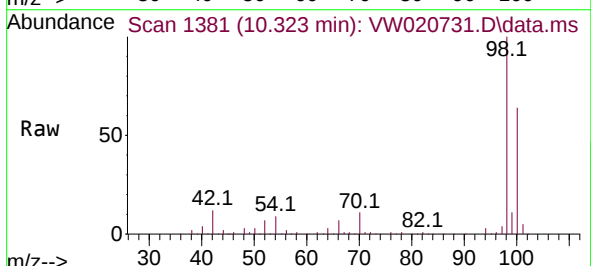
Instrument :  
MSVOA\_W  
ClientSampled :

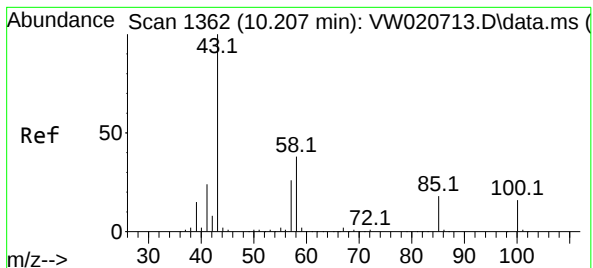
Tgt Ion: 88 Resp: 651  
Ion Ratio Lower Upper  
88 100  
43 38.7 29.1 43.7  
58 81.3 58.6 88.0



#50  
Toluene-d8  
Concen: 46.447 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 98 Resp: 168259  
Ion Ratio Lower Upper  
98 100  
100 65.5 53.0 79.4

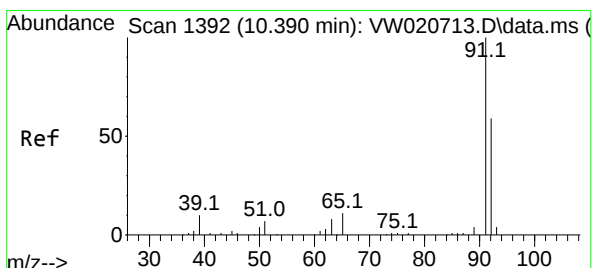
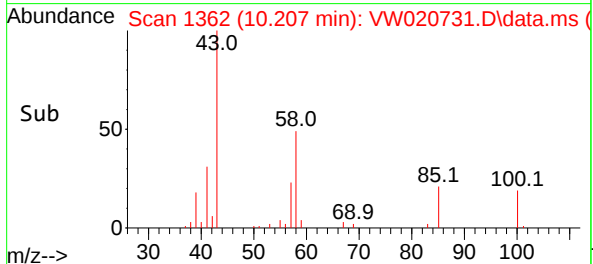
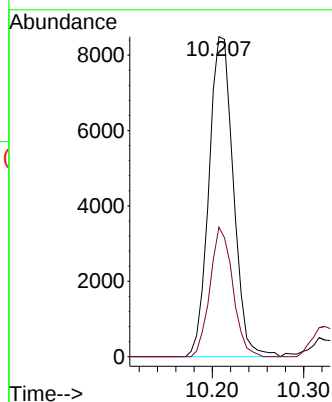
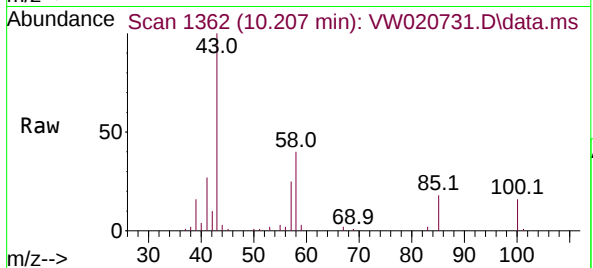




#51  
4-Methyl-2-Pentanone  
Concen: 25.101 ug/l  
RT: 10.207 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

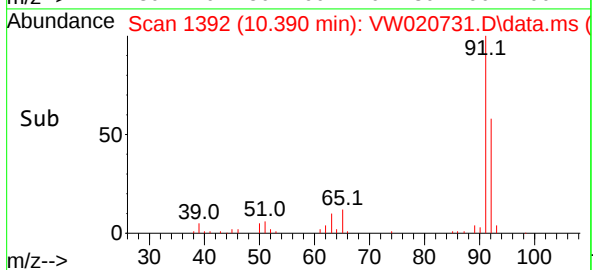
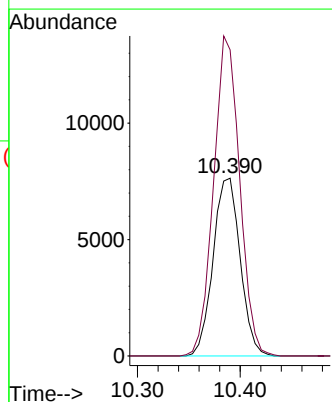
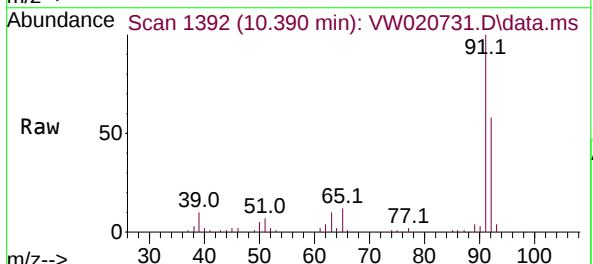
Instrument :  
MSVOA\_W  
ClientSampled :

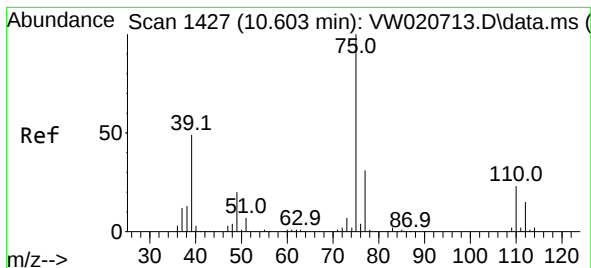
Tgt Ion: 43 Resp: 15757  
Ion Ratio Lower Upper  
43 100  
58 37.6 31.0 46.4



#52  
Toluene  
Concen: 5.421 ug/l  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 92 Resp: 13959  
Ion Ratio Lower Upper  
92 100  
91 173.4 135.4 203.2

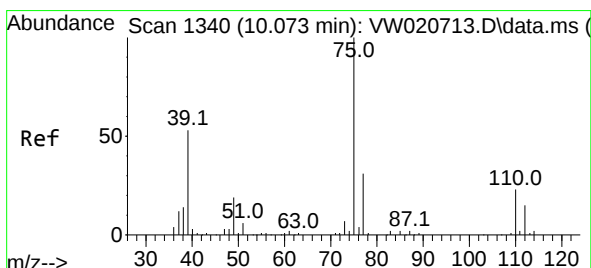
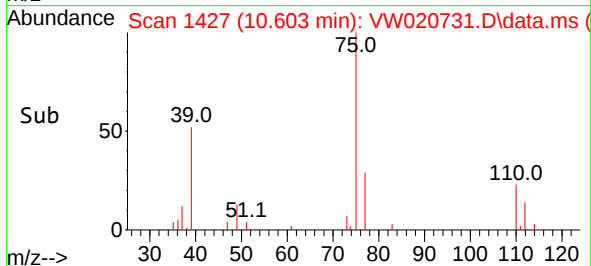
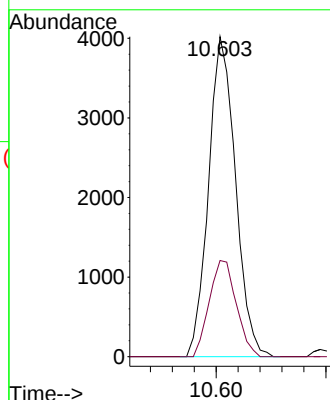
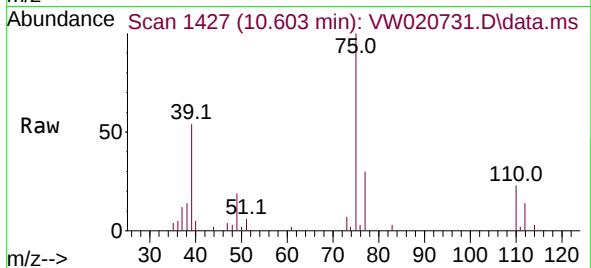




#53  
 t-1,3-Dichloropropene  
 Concen: 4.965 ug/l  
 RT: 10.603 min Scan# 1427  
 Delta R.T. 0.000 min  
 Lab File: VW020731.D  
 Acq: 29 Oct 2021 17:21

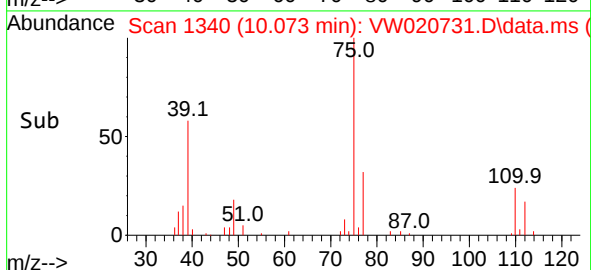
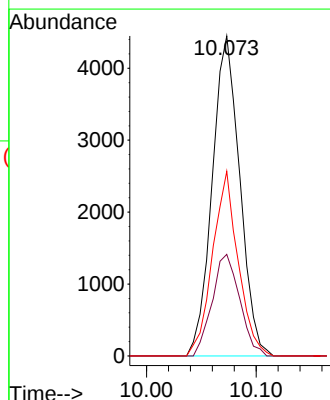
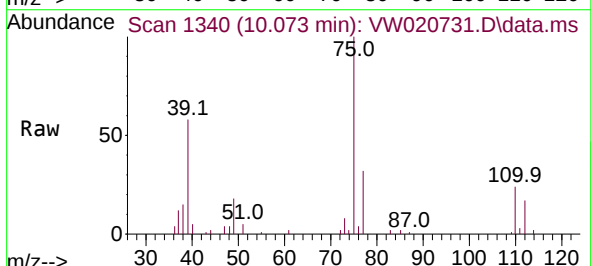
Instrument :  
 MSVOA\_W  
 ClientSampled :

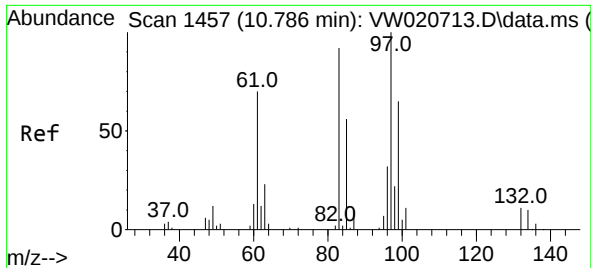
Tgt Ion: 75 Resp: 6857  
 Ion Ratio Lower Upper  
 75 100  
 77 30.1 25.0 37.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 4.895 ug/l  
 RT: 10.073 min Scan# 1340  
 Delta R.T. 0.000 min  
 Lab File: VW020731.D  
 Acq: 29 Oct 2021 17:21

Tgt Ion: 75 Resp: 7777  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 24.9 37.3  
 39 57.7 42.6 63.8

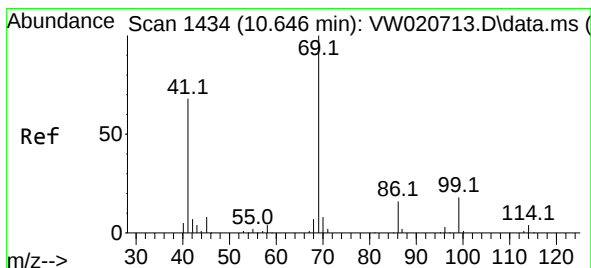
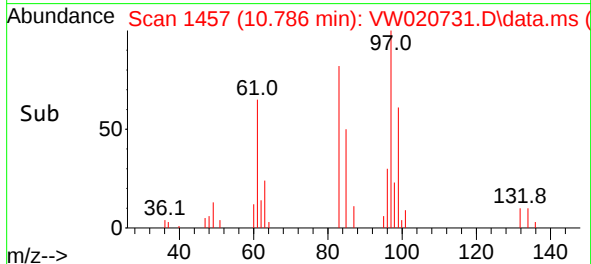
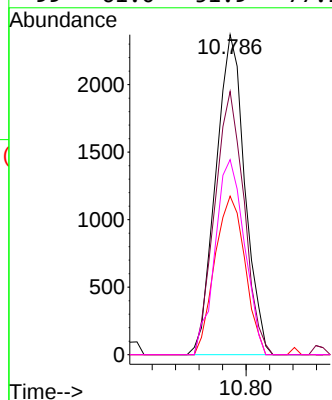
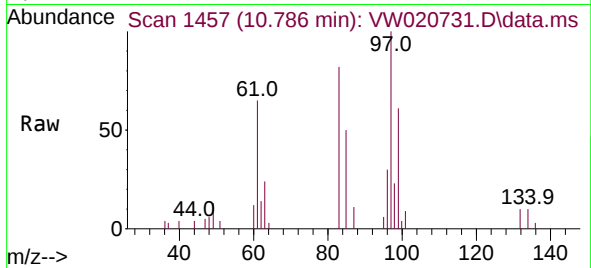




#55  
1,1,2-Trichloroethane  
Concen: 5.425 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

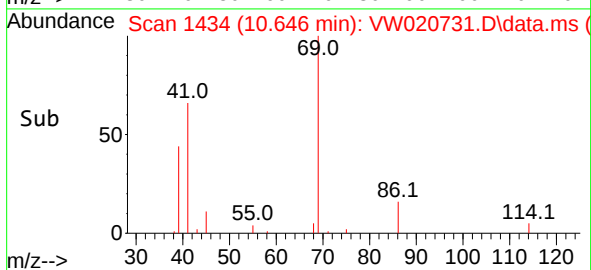
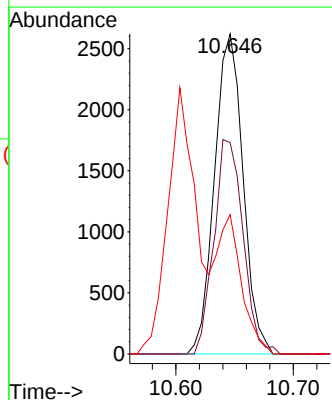
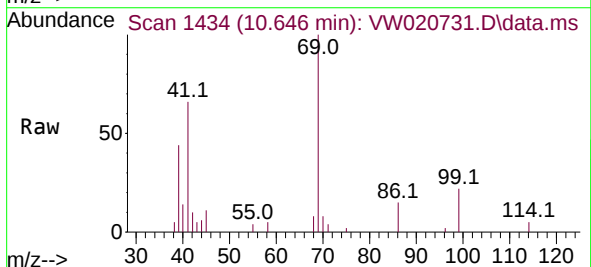
Instrument :  
MSVOA\_W  
ClientSampled :

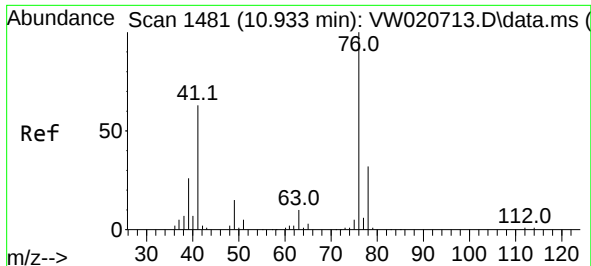
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 4086  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 82.2     | 73.9 110.9  |
| 85 49.5     | 44.8 67.2   |
| 99 61.0     | 51.9 77.9   |



#56  
Ethyl methacrylate  
Concen: 4.708 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 4429  |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 68.1     | 55.5 83.3   |
| 39 38.3     | 29.6 44.4   |

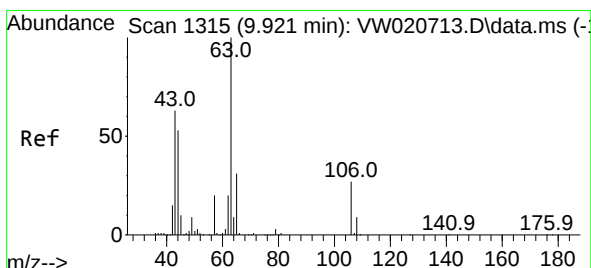
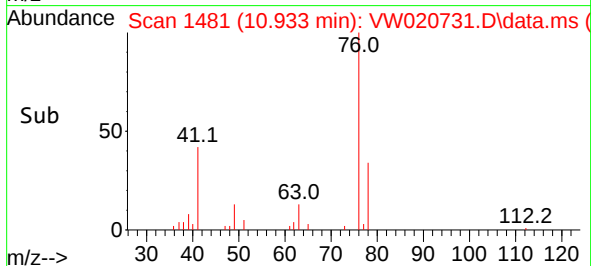
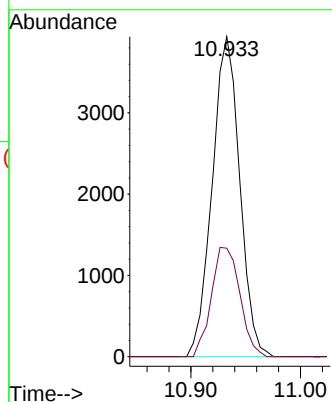
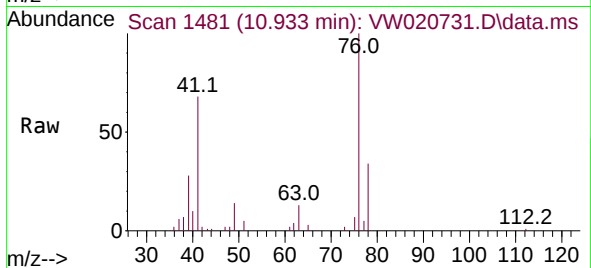




#57  
1,3-Dichloropropane  
Concen: 5.231 ug/l  
RT: 10.933 min Scan# 1481  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

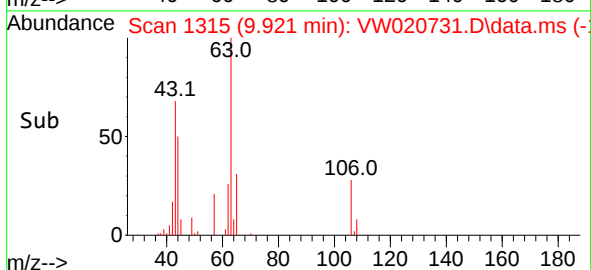
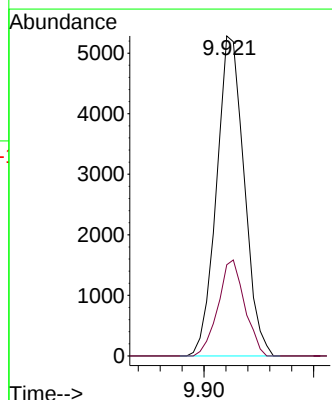
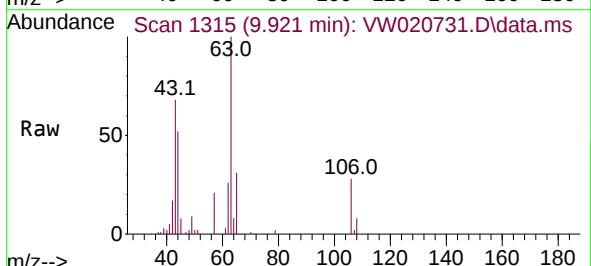
Instrument :  
MSVOA\_W  
ClientSampled :

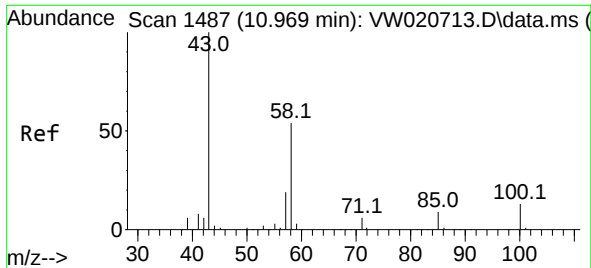
Tgt Ion: 76 Resp: 6873  
Ion Ratio Lower Upper  
76 100  
78 35.4 25.7 38.5



#58  
2-Chloroethyl Vinyl ether  
Concen: 20.709 ug/l  
RT: 9.921 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 63 Resp: 9239  
Ion Ratio Lower Upper  
63 100  
106 28.8 23.1 34.7

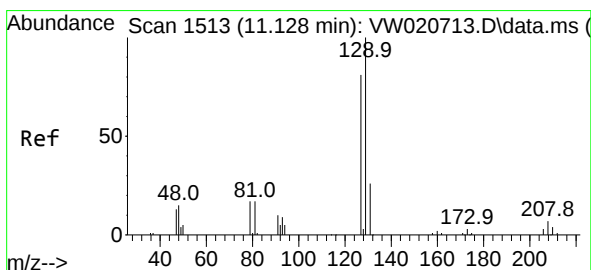
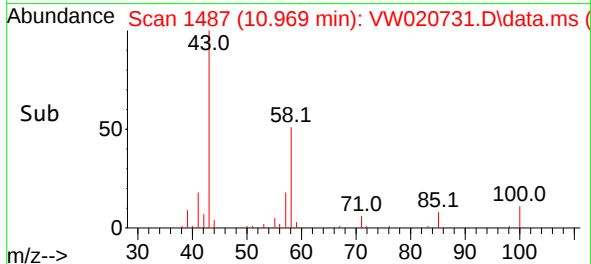
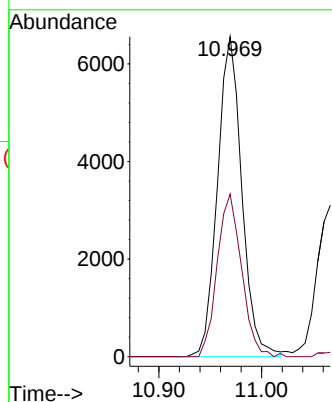
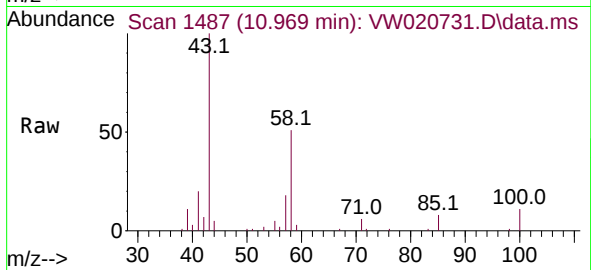




#59  
2-Hexanone  
Concen: 24.267 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

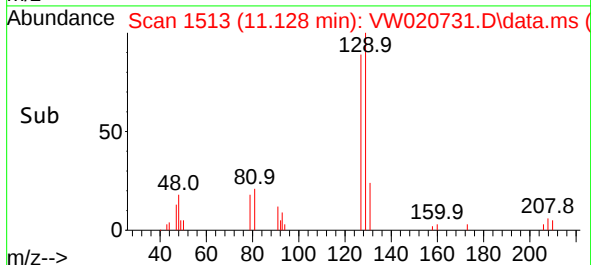
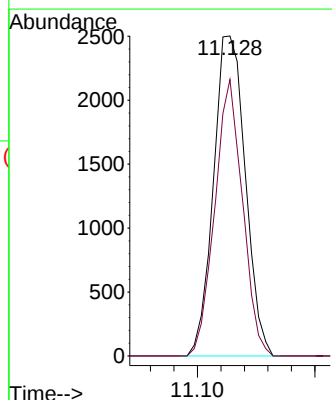
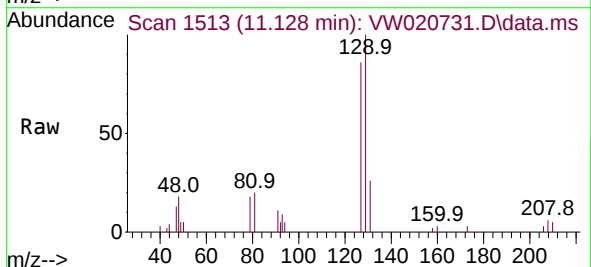
Instrument :  
MSVOA\_W  
ClientSampled :

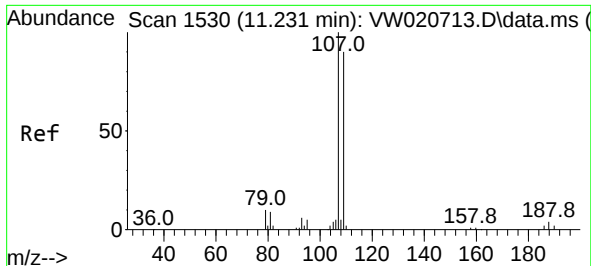
Tgt Ion: 43 Resp: 10773  
Ion Ratio Lower Upper  
43 100  
58 50.8 26.7 80.0



#60  
Dibromochloromethane  
Concen: 5.233 ug/l  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion:129 Resp: 4711  
Ion Ratio Lower Upper  
129 100  
127 75.3 39.3 117.9

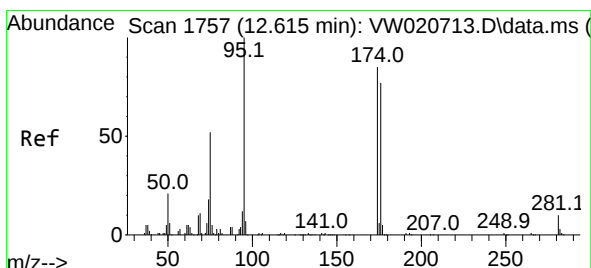
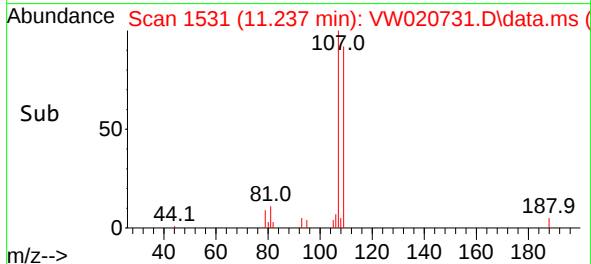
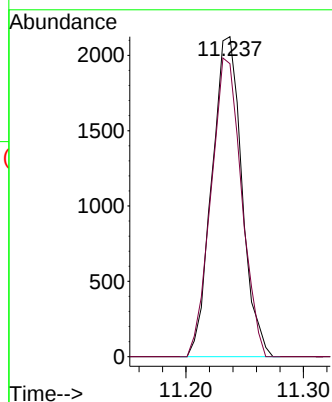
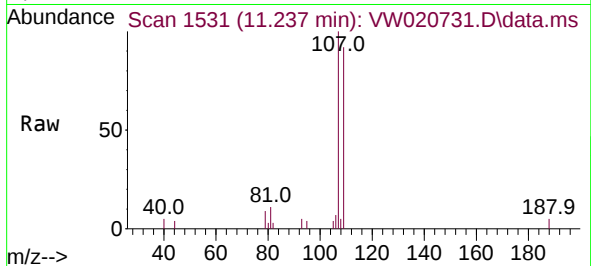




#61  
1,2-Dibromoethane  
Concen: 5.216 ug/l  
RT: 11.237 min Scan# 1531  
Delta R.T. 0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

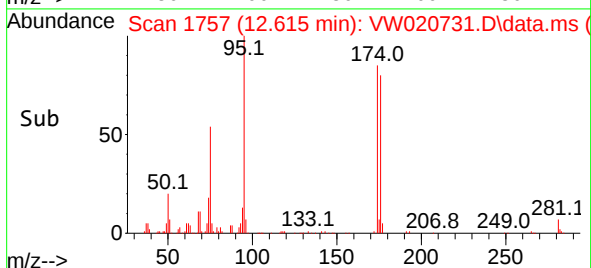
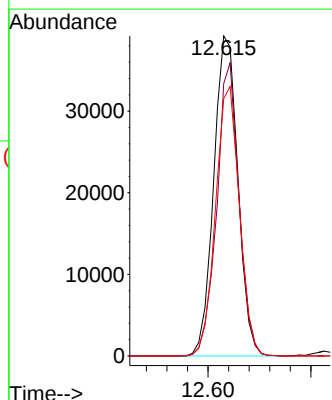
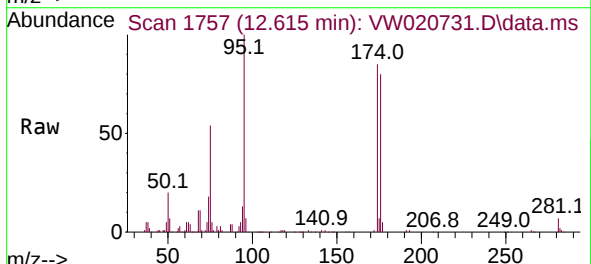
Instrument :  
MSVOA\_W  
ClientSampleId :

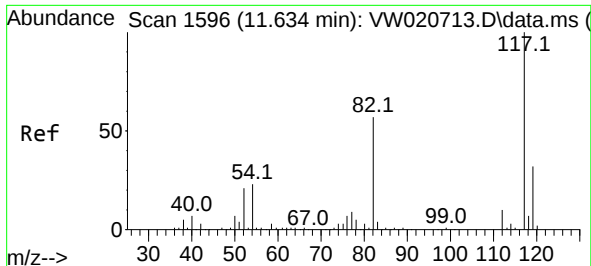
Tgt Ion:107 Resp: 3760  
Ion Ratio Lower Upper  
107 100  
109 94.8 74.9 112.3



#62  
4-Bromofluorobenzene  
Concen: 46.758 ug/l  
RT: 12.615 min Scan# 1757  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 95 Resp: 63904  
Ion Ratio Lower Upper  
95 100  
174 84.0 0.0 171.0  
176 83.1 0.0 165.0

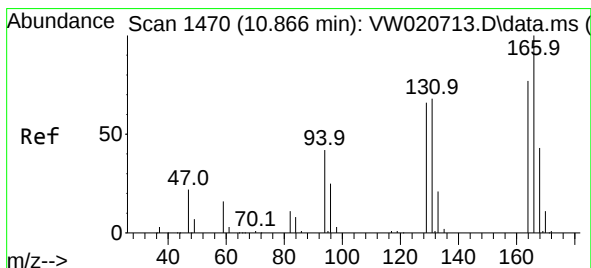
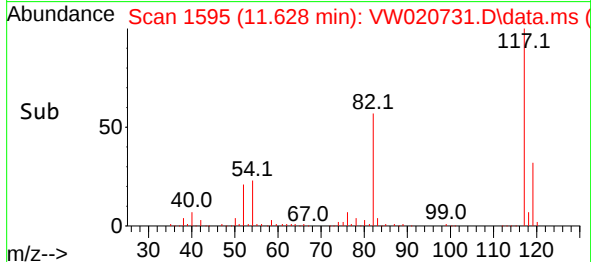
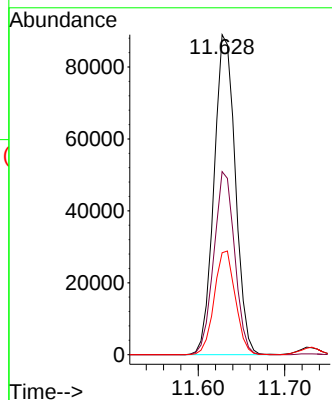
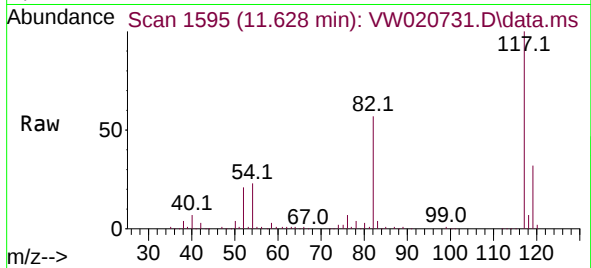




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.628 min Scan# 1595  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

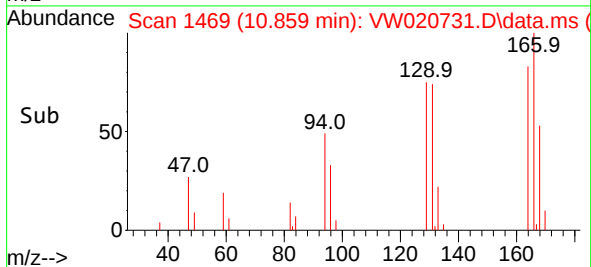
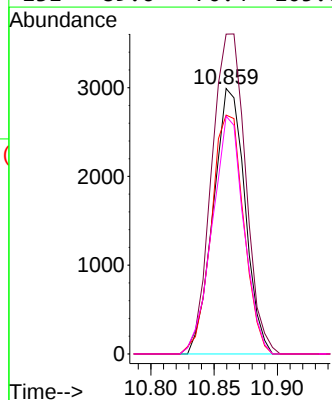
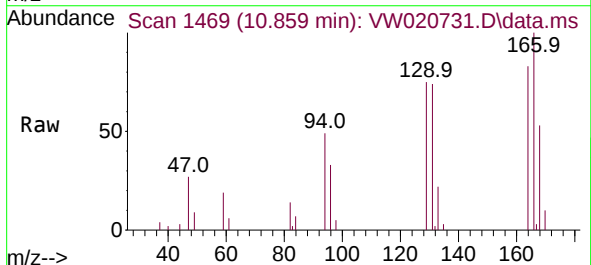
Instrument :  
MSVOA\_W  
ClientSampleId :

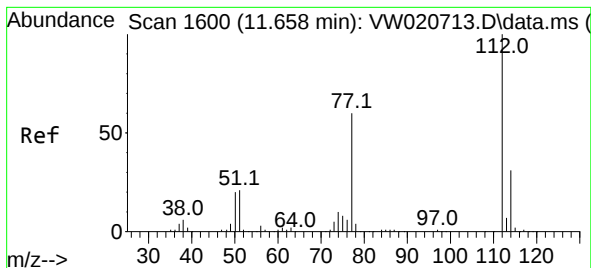
Tgt Ion:117 Resp: 152041  
Ion Ratio Lower Upper  
117 100  
82 57.2 45.7 68.5  
119 31.9 25.4 38.2



#64  
Tetrachloroethene  
Concen: 5.377 ug/l  
RT: 10.859 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion:164 Resp: 5206  
Ion Ratio Lower Upper  
164 100  
166 120.5 104.1 156.1  
129 90.0 68.5 102.7  
131 89.6 70.4 105.6

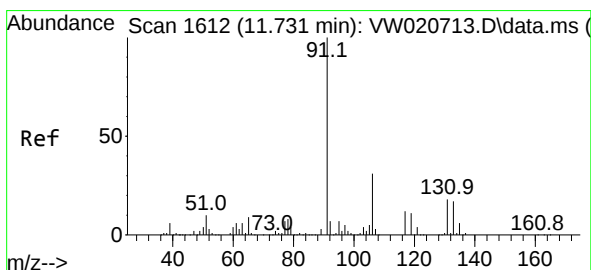
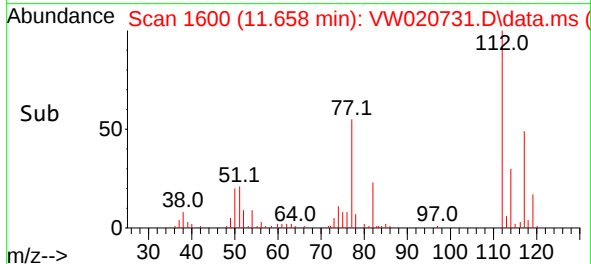
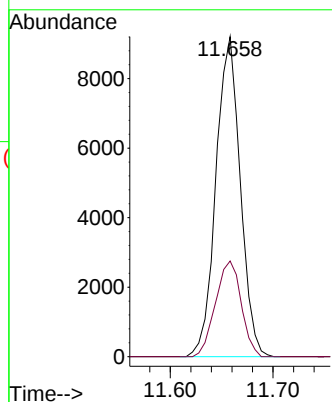
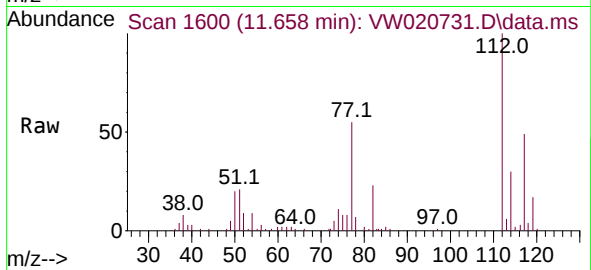




#65  
Chlorobenzene  
Concen: 5.480 ug/l  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

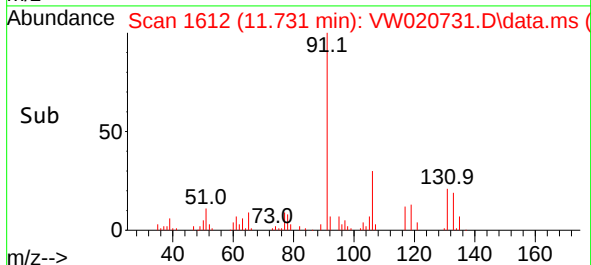
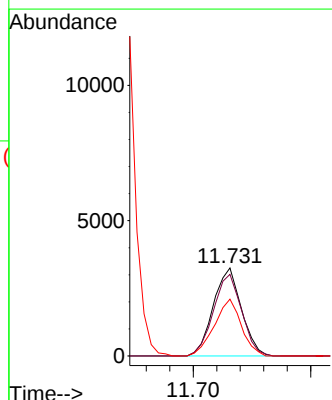
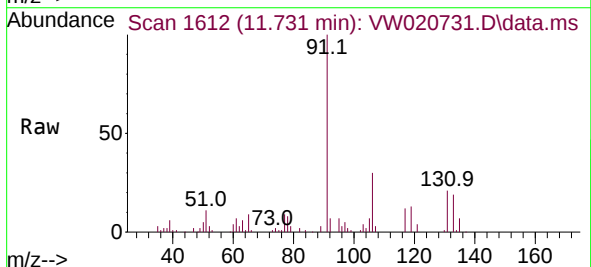
Instrument :  
MSVOA\_W  
ClientSampled :

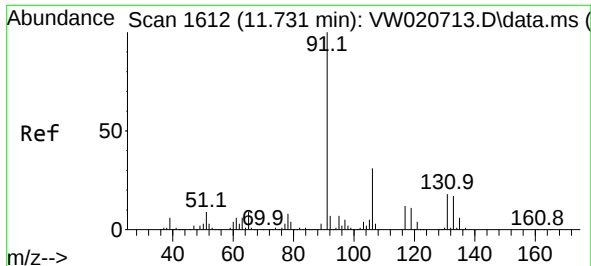
Tgt Ion:112 Resp: 15110  
Ion Ratio Lower Upper  
112 100  
114 29.9 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.373 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion:131 Resp: 5399  
Ion Ratio Lower Upper  
131 100  
133 93.1 48.3 144.8  
119 62.2 31.7 95.1

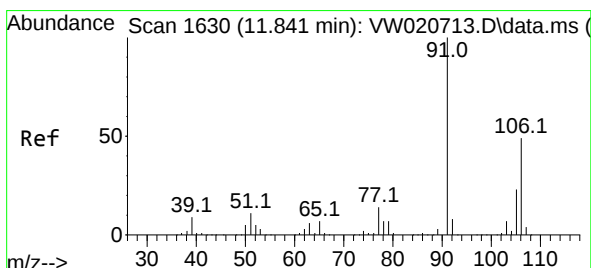
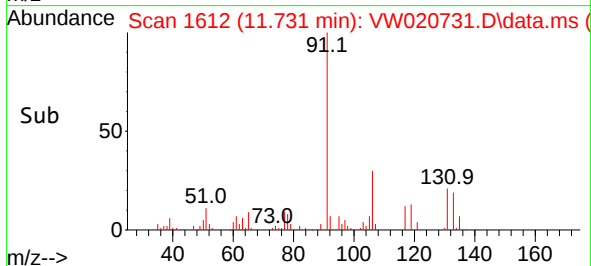
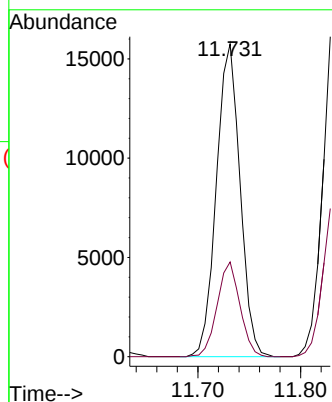
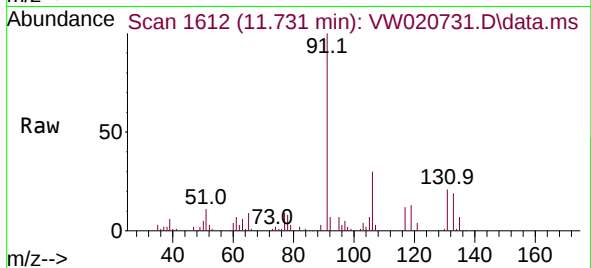




#67  
Ethyl Benzene  
Concen: 5.033 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

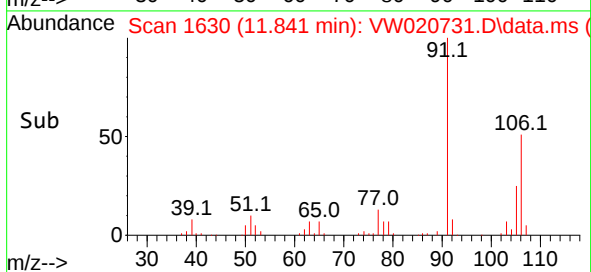
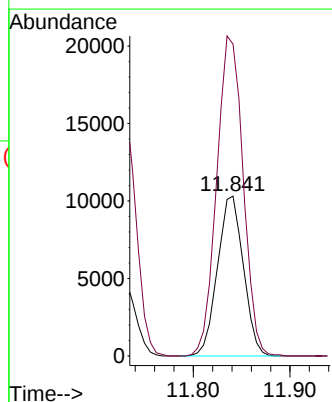
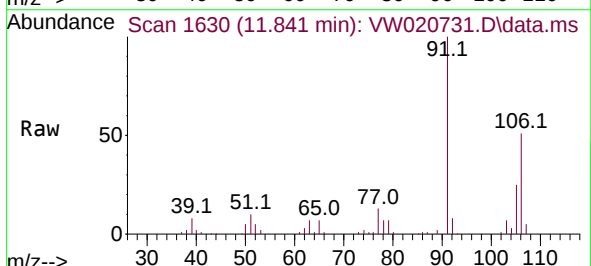
Instrument :  
MSVOA\_W  
ClientSampled :

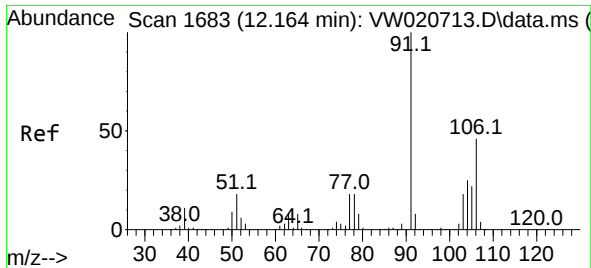
Tgt Ion: 91 Resp: 25137  
Ion Ratio Lower Upper  
91 100  
106 30.3 24.5 36.7



#68  
m/p-Xylenes  
Concen: 9.903 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion:106 Resp: 19159  
Ion Ratio Lower Upper  
106 100  
91 204.4 163.8 245.8

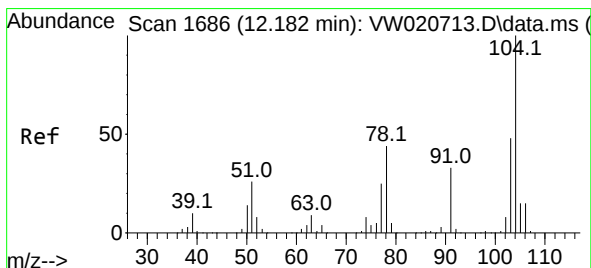
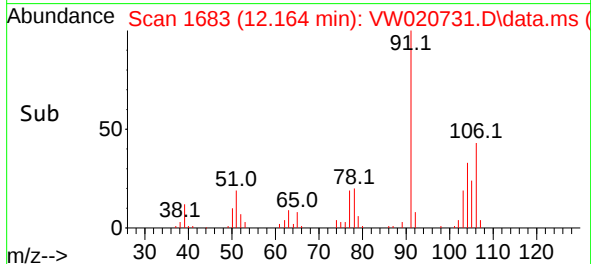
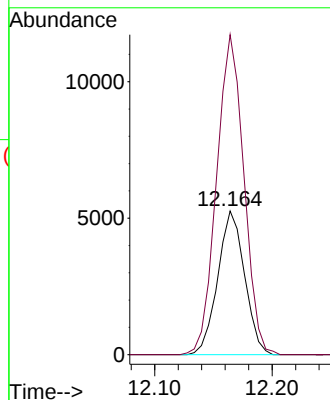
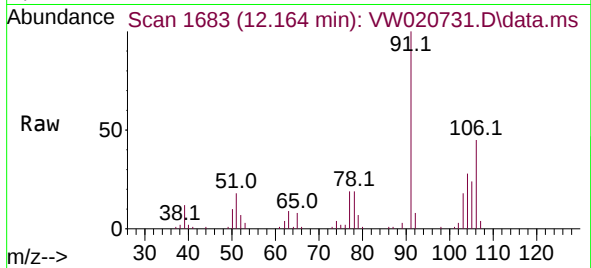




#69  
o-Xylene  
Concen: 4.698 ug/l  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

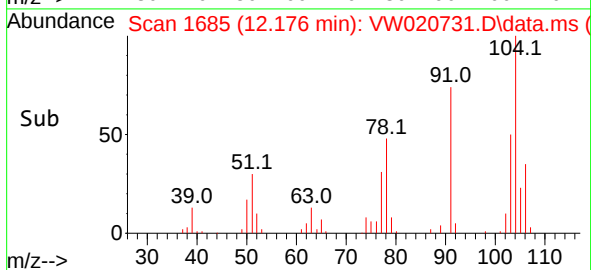
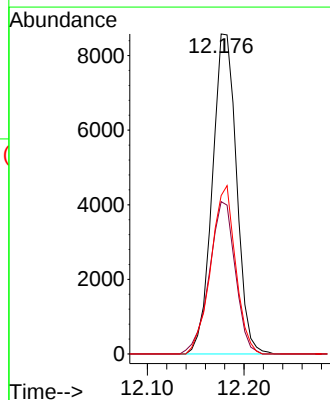
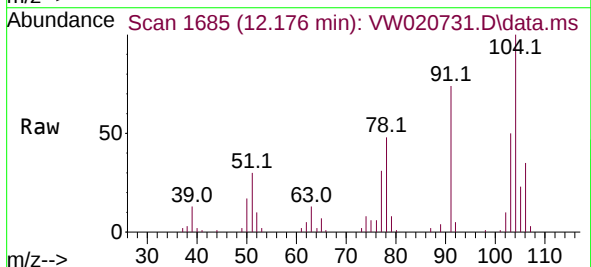
Instrument :  
MSVOA\_W  
ClientSampled :

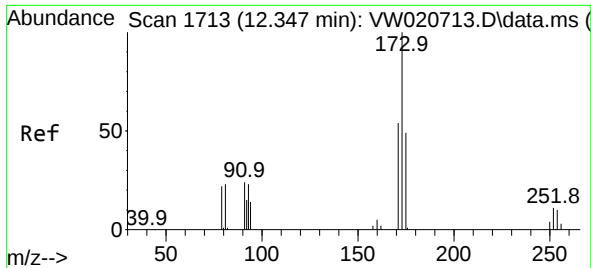
Tgt Ion:106 Resp: 8367  
Ion Ratio Lower Upper  
106 100  
91 226.4 109.3 327.9



#70  
Styrene  
Concen: 4.884 ug/l  
RT: 12.176 min Scan# 1685  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion:104 Resp: 14908  
Ion Ratio Lower Upper  
104 100  
78 50.9 41.5 62.3  
103 53.5 43.4 65.2

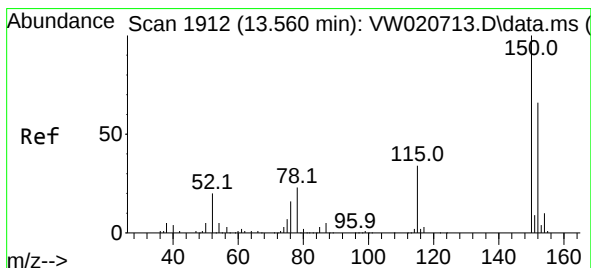
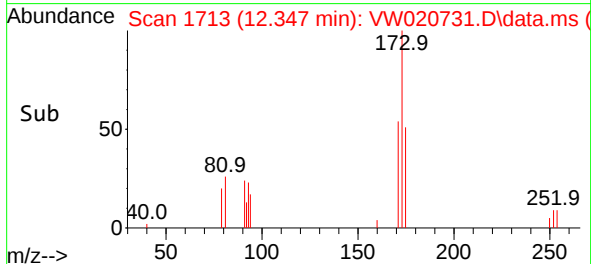
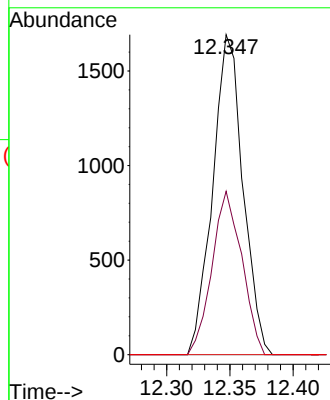
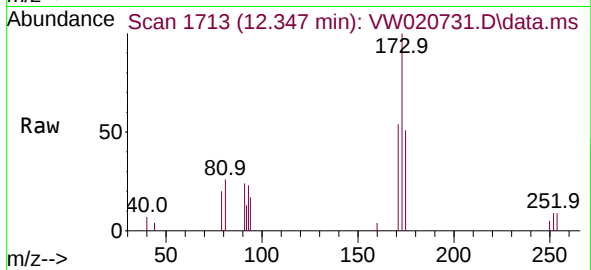




#71  
Bromoform  
Concen: 5.118 ug/l  
RT: 12.347 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

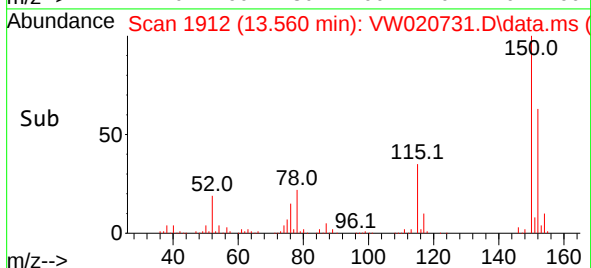
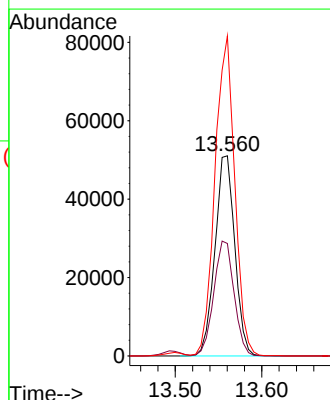
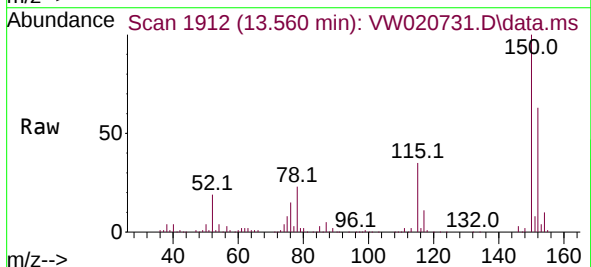
Instrument :  
MSVOA\_W  
ClientSampleId :

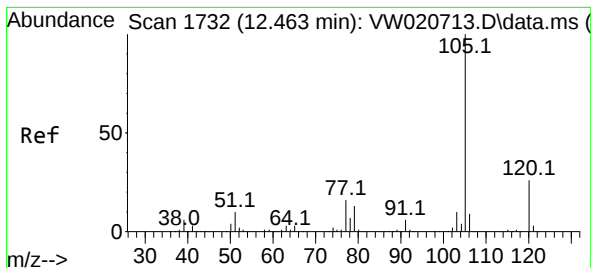
Tgt Ion:173 Resp: 2811  
Ion Ratio Lower Upper  
173 100  
175 50.3 24.3 73.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.560 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion:152 Resp: 81218  
Ion Ratio Lower Upper  
152 100  
115 58.8 28.7 86.3  
150 159.5 0.0 342.2

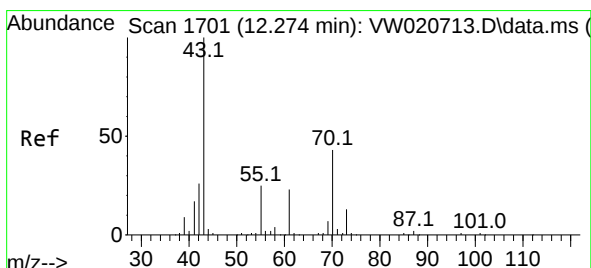
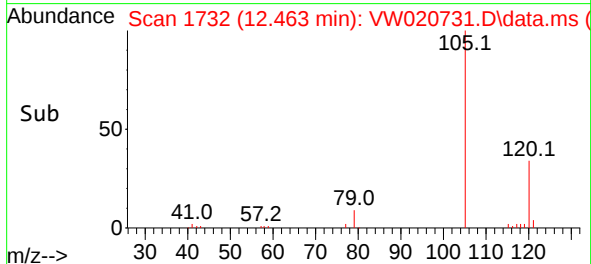
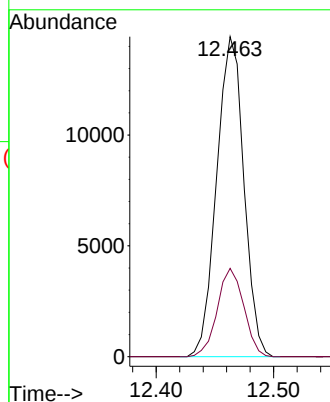
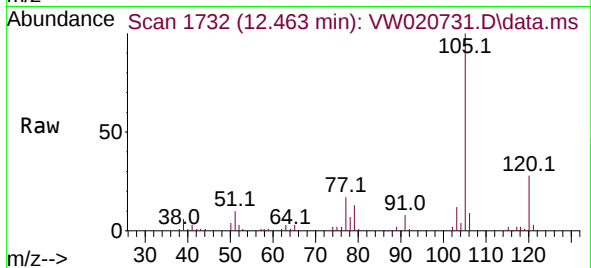




#73  
Isopropylbenzene  
Concen: 4.733 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

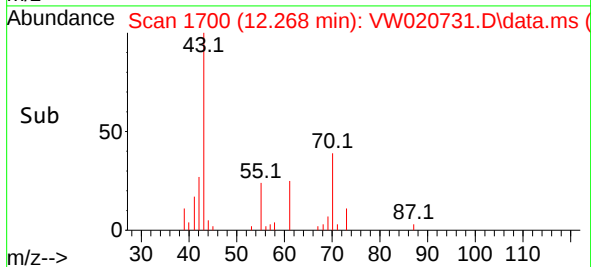
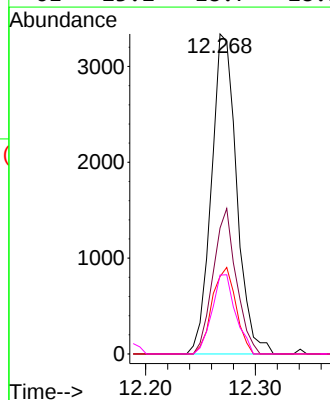
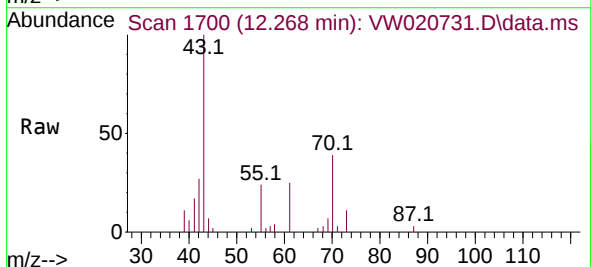
Instrument :  
MSVOA\_W  
ClientSampled :

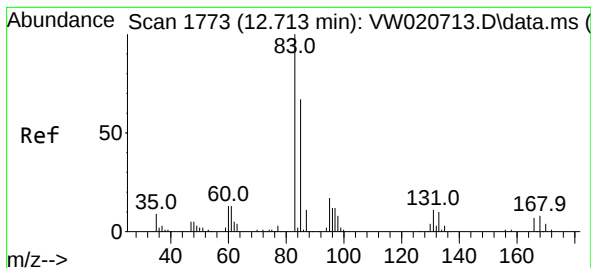
Tgt Ion:105 Resp: 23204  
Ion Ratio Lower Upper  
105 100  
120 26.8 12.8 38.3



#74  
N-ethyl acetate  
Concen: 4.757 ug/l  
RT: 12.268 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 43 Resp: 5343  
Ion Ratio Lower Upper  
43 100  
70 41.5 34.3 51.5  
55 25.5 20.0 30.0  
61 23.2 18.7 28.1

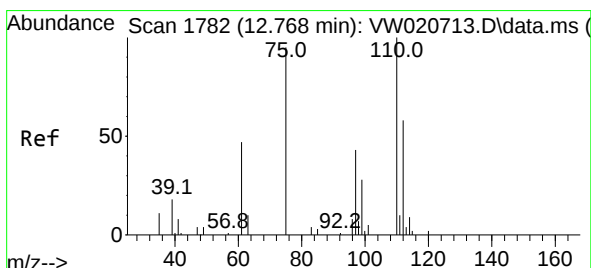
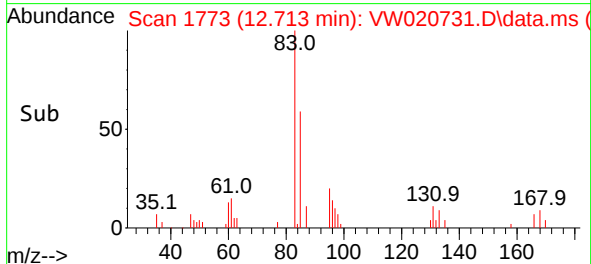
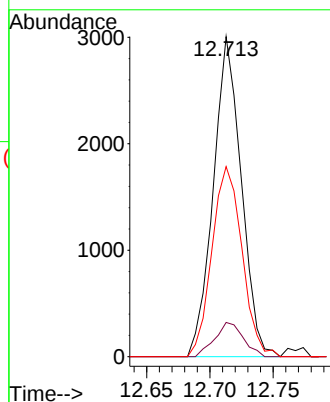
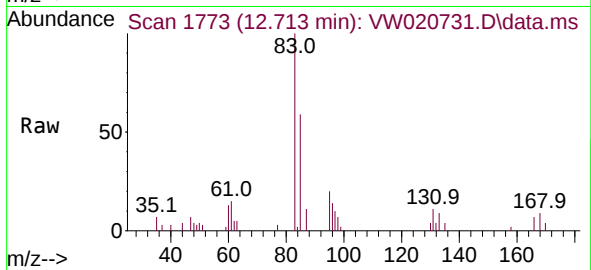




#75  
1,1,2,2-Tetrachloroethane  
Concen: 5.347 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

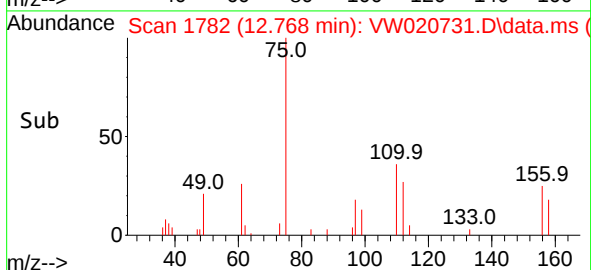
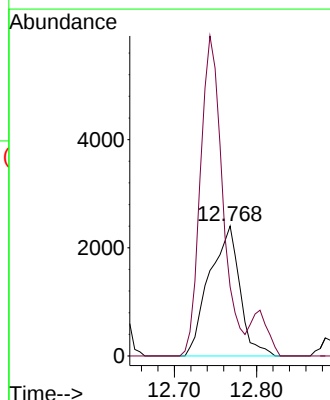
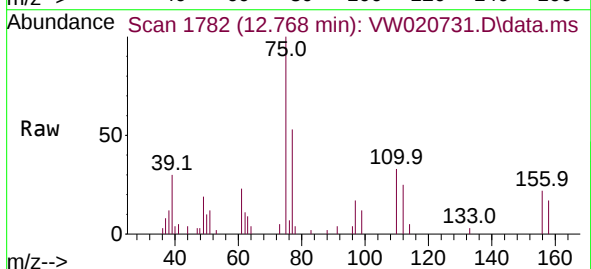
Instrument :  
MSVOA\_W  
ClientSampled :

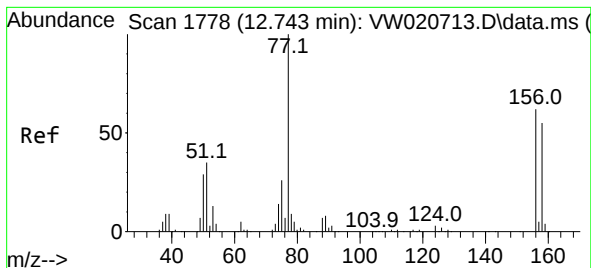
Tgt Ion: 83 Resp: 4624  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.7 17.1  
85 63.8 32.5 97.5



#76  
1,2,3-Trichloropropane  
Concen: 8.899 ug/l  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 75 Resp: 6196  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

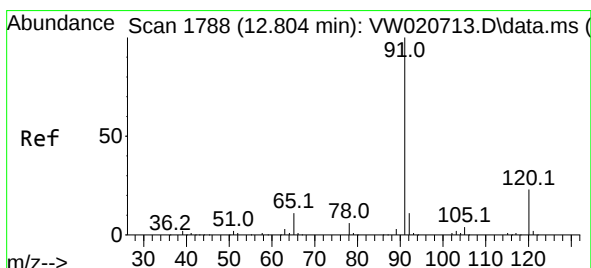
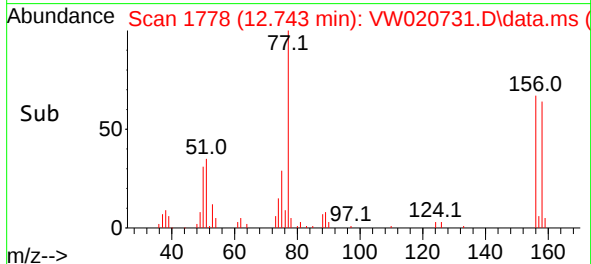
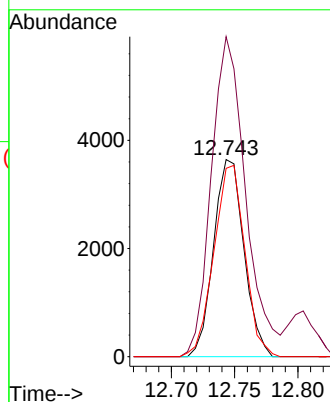
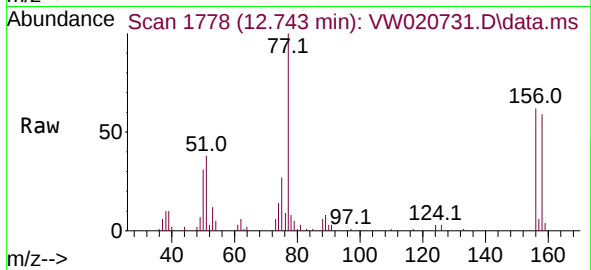




#77  
Bromobenzene  
Concen: 5.127 ug/l  
RT: 12.743 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

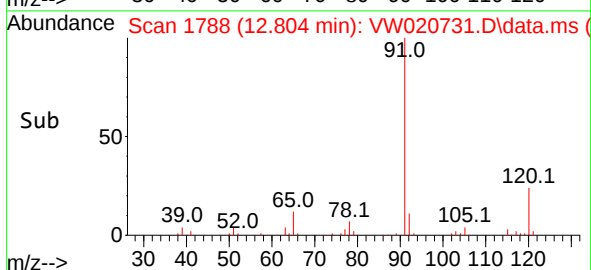
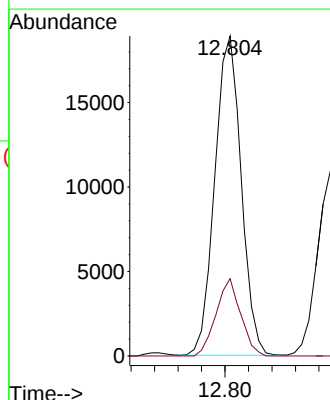
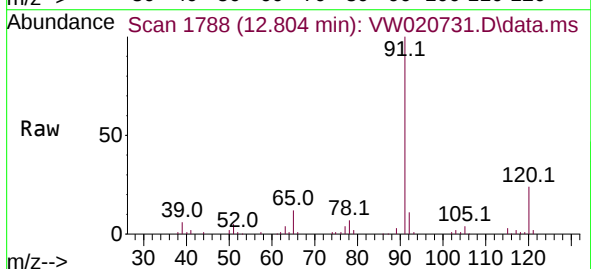
Instrument :  
MSVOA\_W  
ClientSampled :

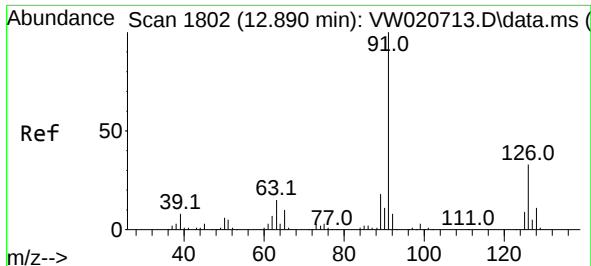
Tgt Ion:156 Resp: 6085  
Ion Ratio Lower Upper  
156 100  
77 183.4 91.0 273.0  
158 99.0 46.7 140.1



#78  
n-propylbenzene  
Concen: 4.872 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 91 Resp: 29448  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.3 33.9

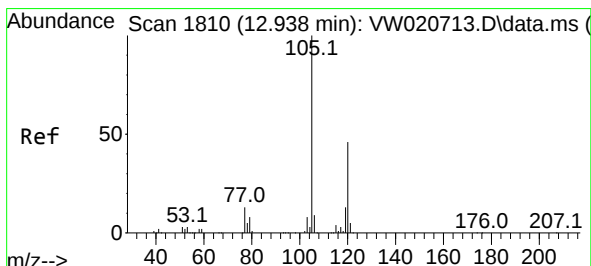
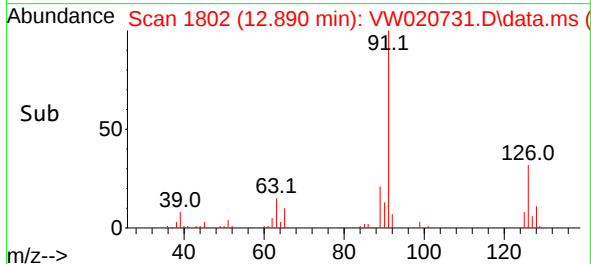
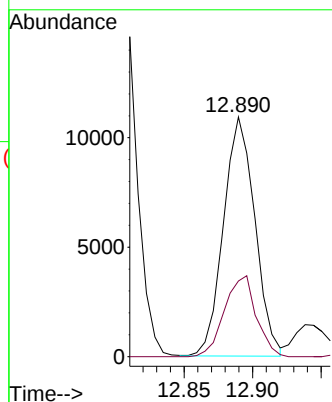
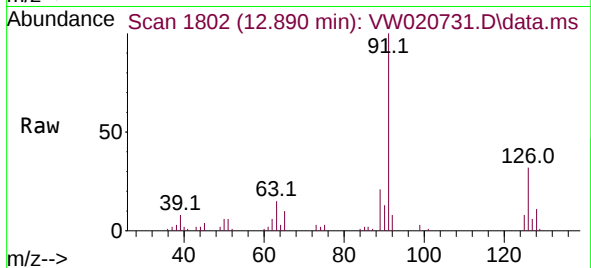




#79  
2-Chlorotoluene  
Concen: 5.016 ug/l  
RT: 12.890 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

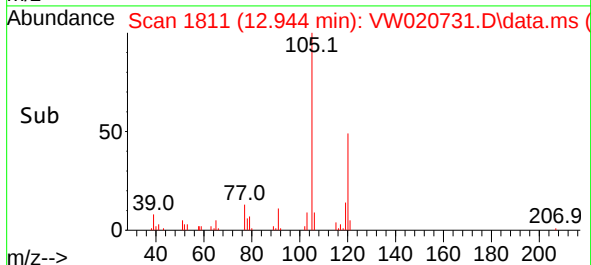
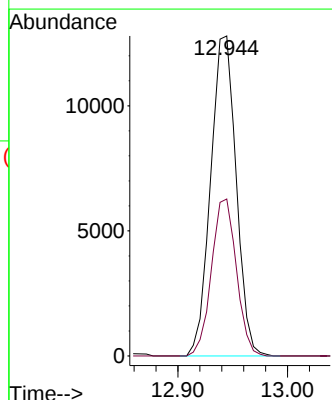
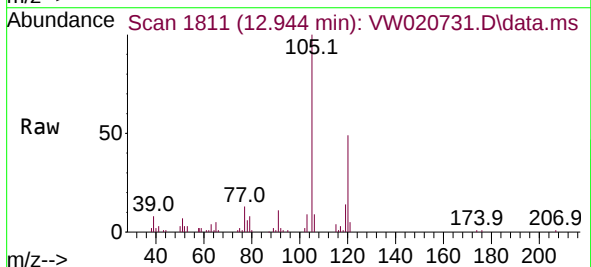
Instrument :  
MSVOA\_W  
ClientSampled :

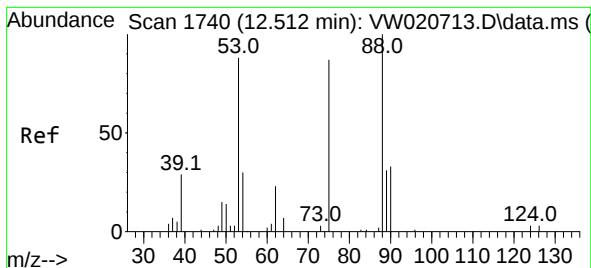
Tgt Ion: 91 Resp: 17460  
Ion Ratio Lower Upper  
91 100  
126 34.1 16.7 50.1



#80  
1,3,5-Trimethylbenzene  
Concen: 4.855 ug/l  
RT: 12.944 min Scan# 1811  
Delta R.T. 0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 105 Resp: 20715  
Ion Ratio Lower Upper  
105 100  
120 47.9 24.0 72.0

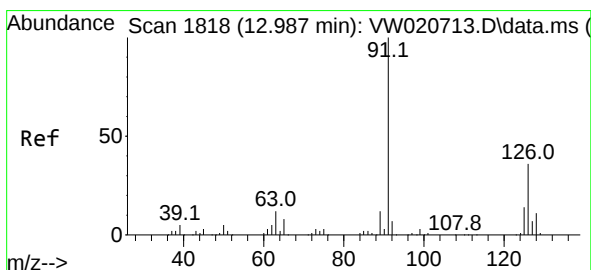
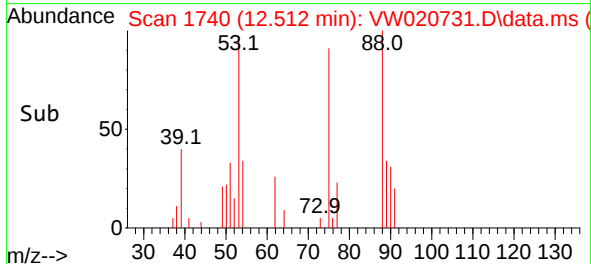
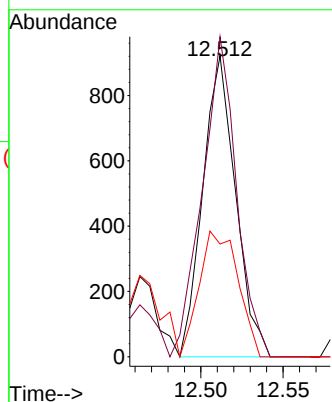
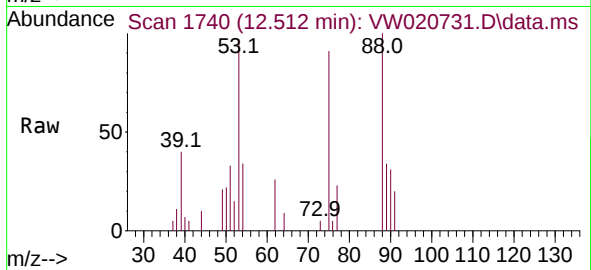




#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.584 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

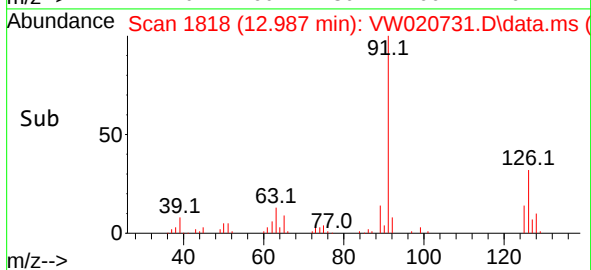
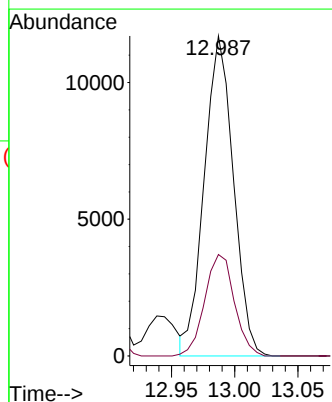
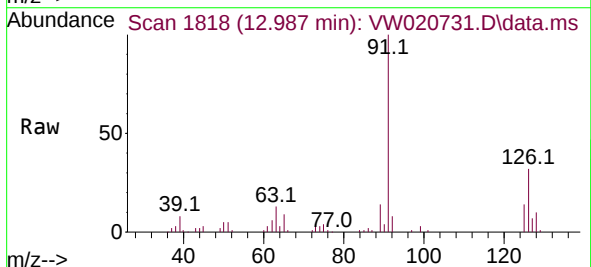
Instrument :  
MSVOA\_W  
ClientSampleId :

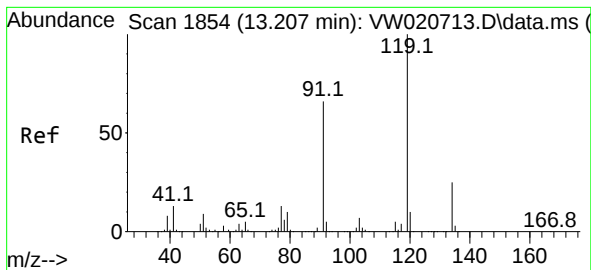
Tgt Ion: 75 Resp: 1278  
Ion Ratio Lower Upper  
75 100  
53 110.4 83.1 124.7  
89 49.2 35.1 52.7



#82  
4-Chlorotoluene  
Concen: 5.068 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 91 Resp: 18722  
Ion Ratio Lower Upper  
91 100  
126 32.3 17.0 51.0

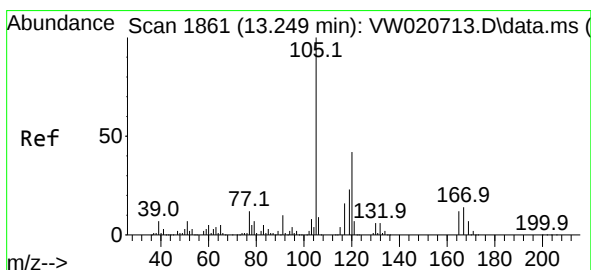
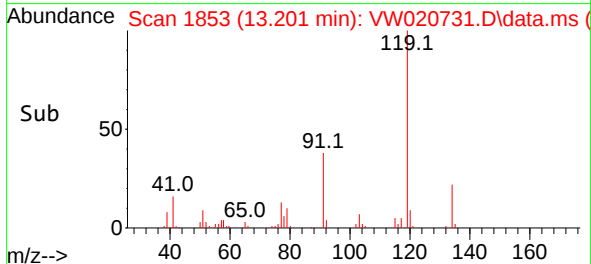
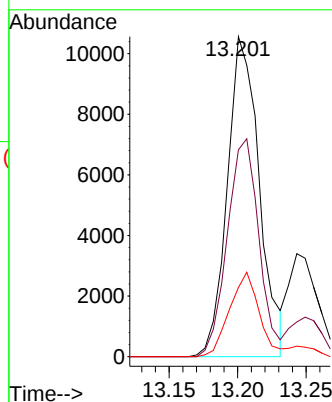
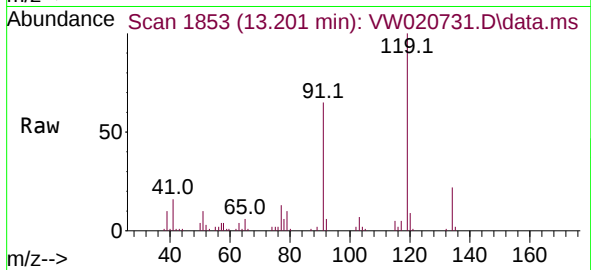




#83  
tert-Butylbenzene  
Concen: 4.733 ug/l  
RT: 13.201 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

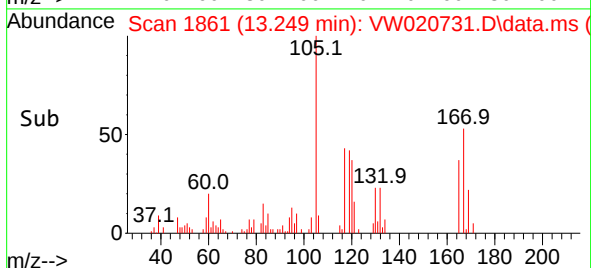
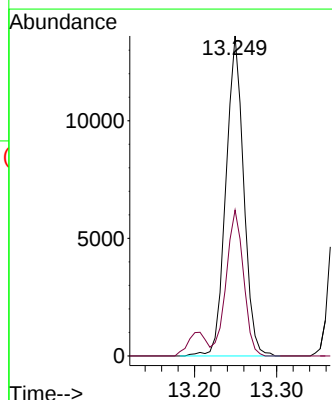
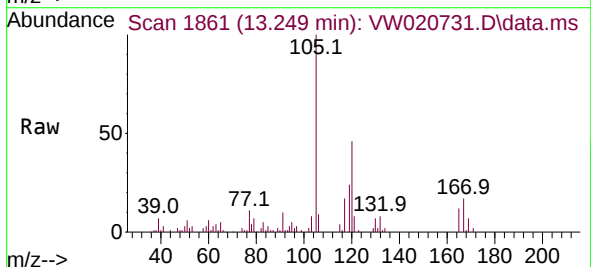
Instrument :  
MSVOA\_W  
ClientSampled :

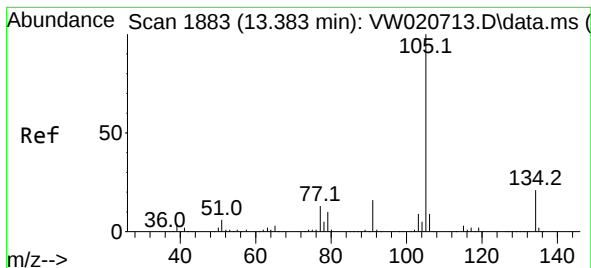
Tgt Ion:119 Resp: 17169  
Ion Ratio Lower Upper  
119 100  
91 67.4 33.6 100.6  
134 24.3 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 4.791 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion:105 Resp: 20355  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.3 66.8

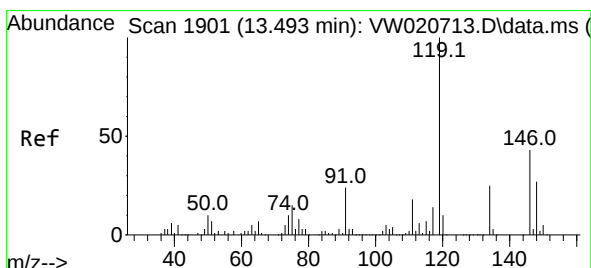
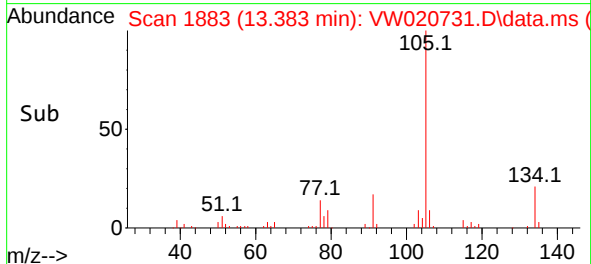
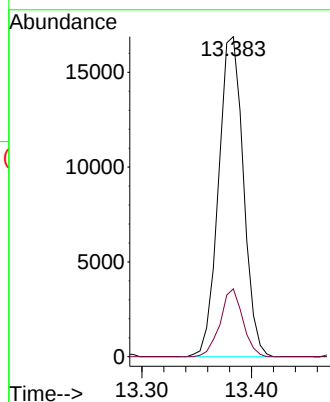
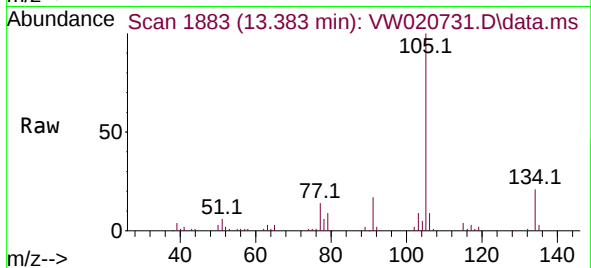




#85  
 sec-Butylbenzene  
 Concen: 4.872 ug/l  
 RT: 13.383 min Scan# 1883  
 Delta R.T. 0.000 min  
 Lab File: VW020731.D  
 Acq: 29 Oct 2021 17:21

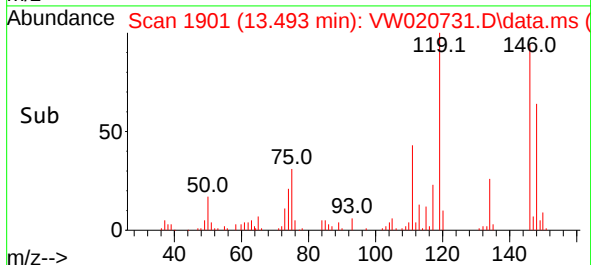
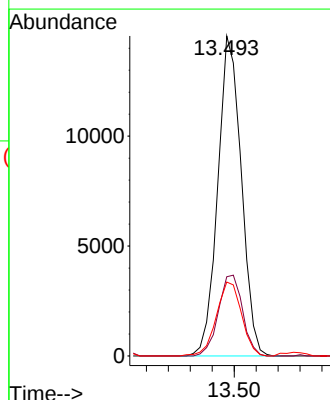
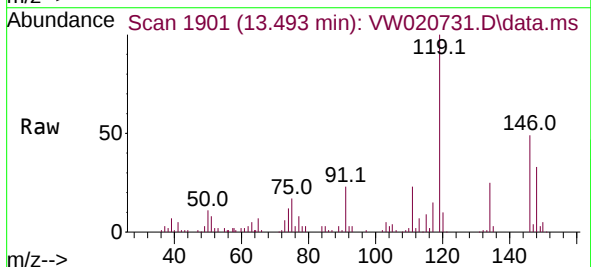
Instrument :  
 MSVOA\_W  
 ClientSampled :

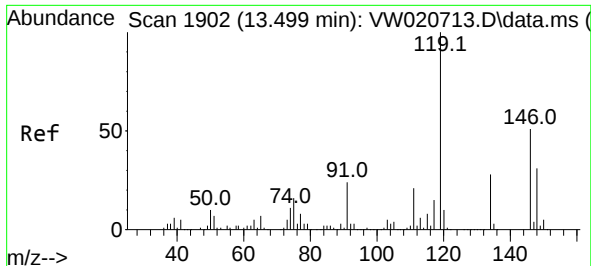
Tgt Ion:105 Resp: 26585  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 10.3 30.8



#86  
 p-Isopropyltoluene  
 Concen: 4.680 ug/l  
 RT: 13.493 min Scan# 1901  
 Delta R.T. 0.000 min  
 Lab File: VW020731.D  
 Acq: 29 Oct 2021 17:21

Tgt Ion:119 Resp: 21684  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.1 39.1  
 91 24.7 12.0 36.0



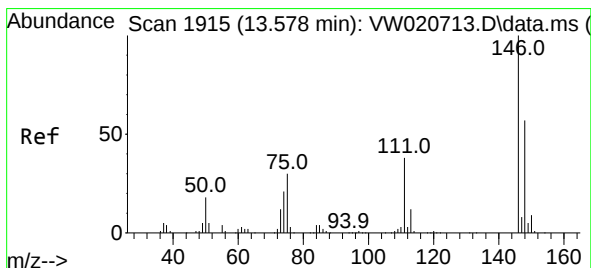
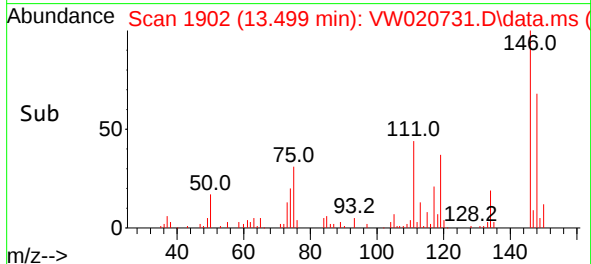
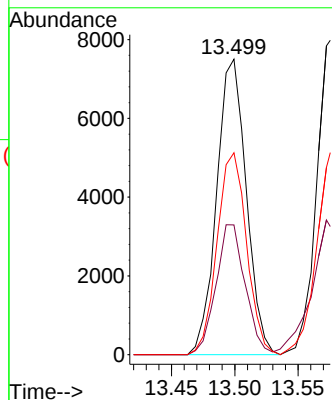
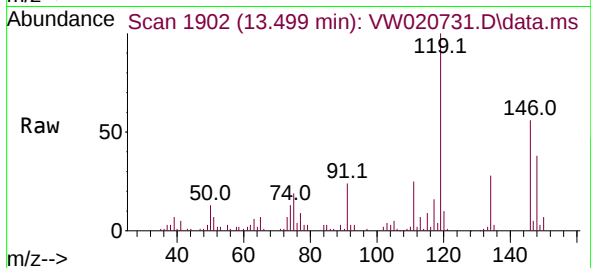


#87

1,3-Dichlorobenzene  
Concen: 5.022 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Instrument :  
MSVOA\_W  
ClientSampleId :

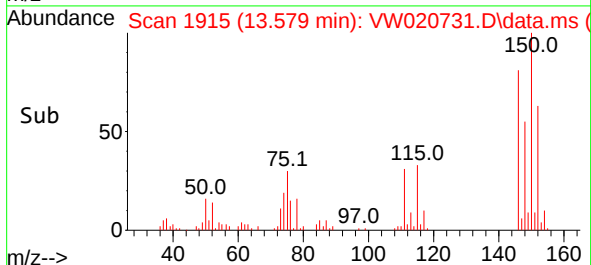
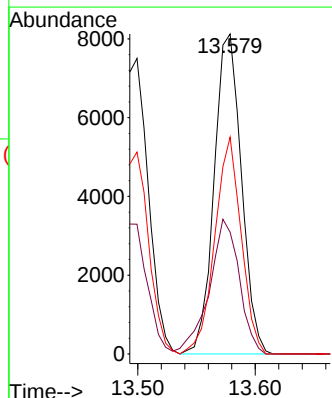
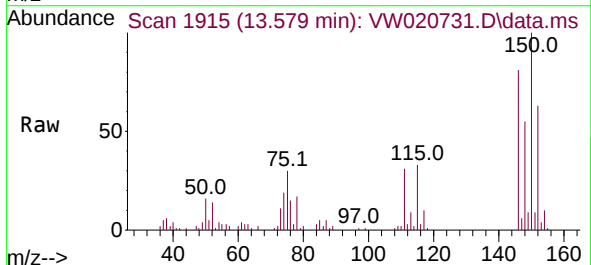
Tgt Ion:146 Resp: 12215  
Ion Ratio Lower Upper  
146 100  
111 43.4 19.8 59.4  
148 68.1 31.1 93.2

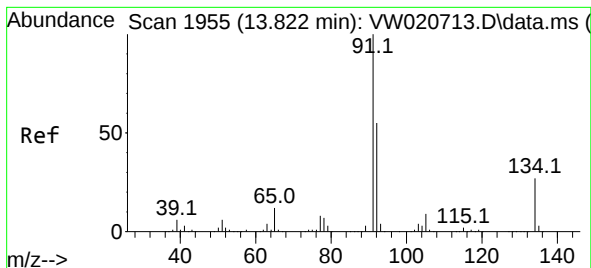


#88

1,4-Dichlorobenzene  
Concen: 5.406 ug/l  
RT: 13.579 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion:146 Resp: 13118  
Ion Ratio Lower Upper  
146 100  
111 46.4 19.7 59.0  
148 65.6 30.8 92.3

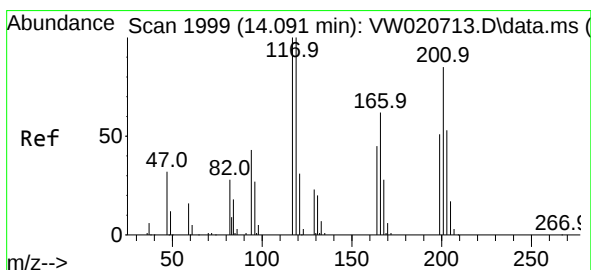
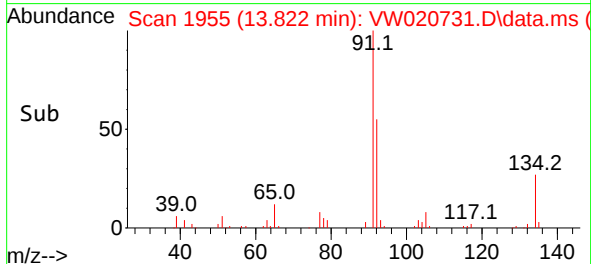
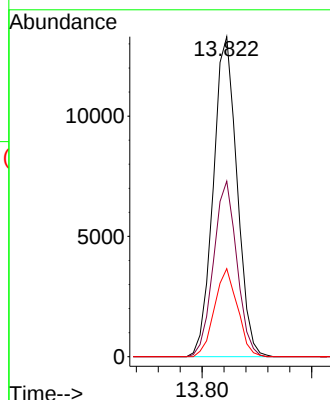
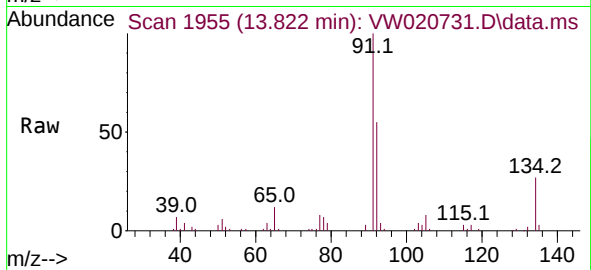




#89  
n-Butylbenzene  
Concen: 4.596 ug/l  
RT: 13.822 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

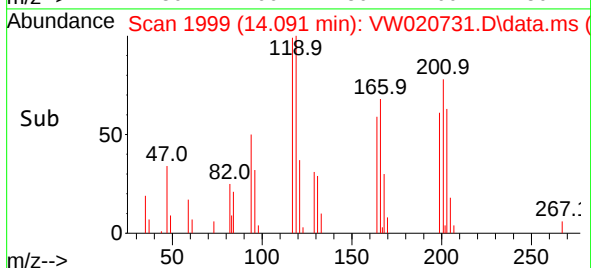
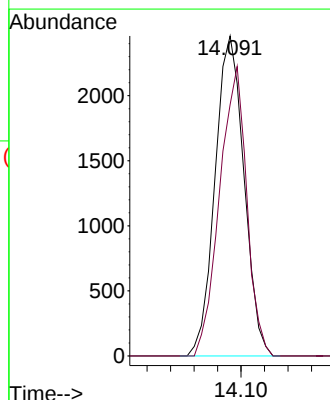
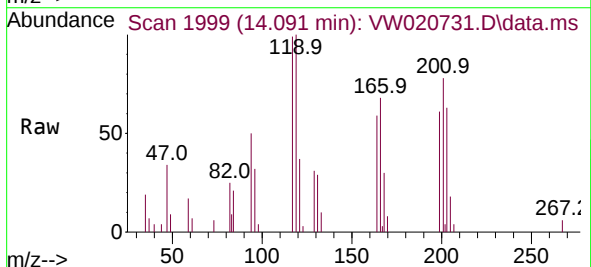
Instrument :  
MSVOA\_W  
ClientSampled :

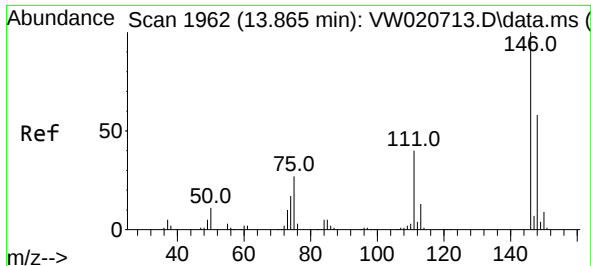
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 20015 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 54.0  | 26.8  | 80.3  |
| 134      | 26.7  | 13.1  | 39.3  |



#90  
Hexachloroethane  
Concen: 4.986 ug/l  
RT: 14.091 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 4205  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 84.8  | 42.4  | 127.1 |

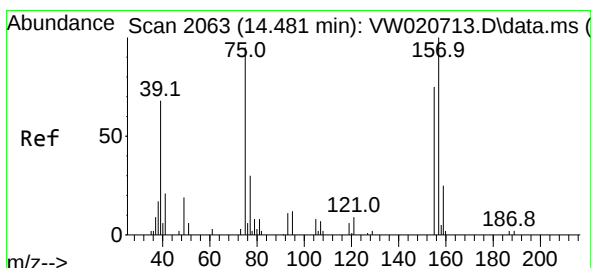
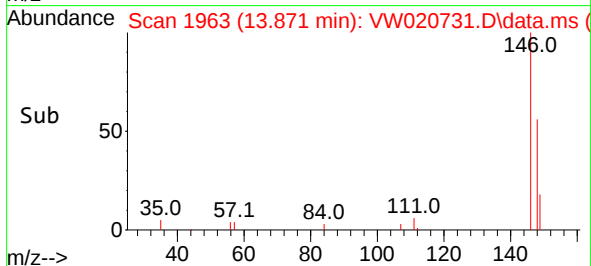
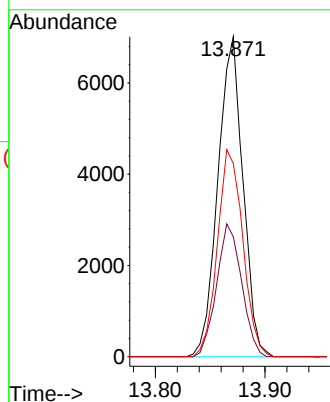
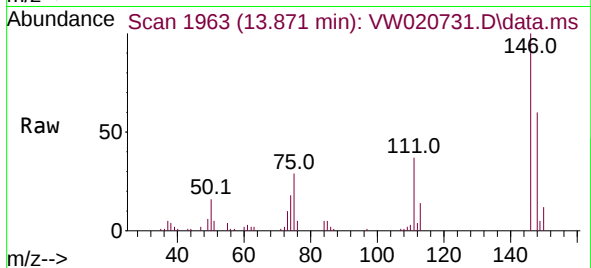




#91  
1,2-Dichlorobenzene  
Concen: 5.222 ug/l  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

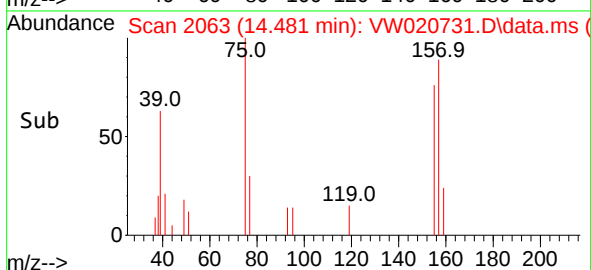
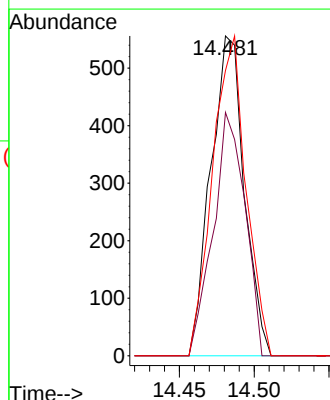
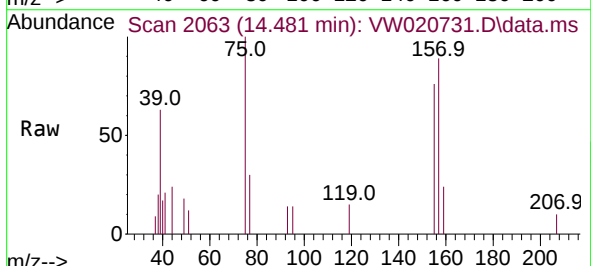
Instrument :  
MSVOA\_W  
ClientSampled :

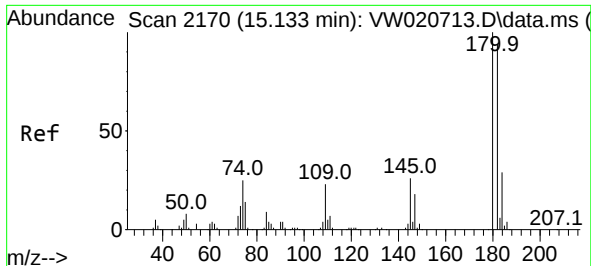
Tgt Ion:146 Resp: 11121  
Ion Ratio Lower Upper  
146 100  
111 41.5 20.4 61.3  
148 65.8 30.7 92.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 5.603 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion: 75 Resp: 864  
Ion Ratio Lower Upper  
75 100  
155 72.5 42.4 127.1  
157 99.9 55.9 167.7

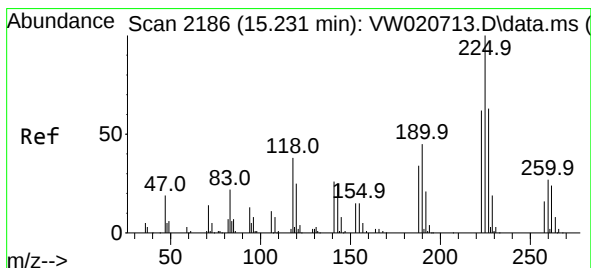
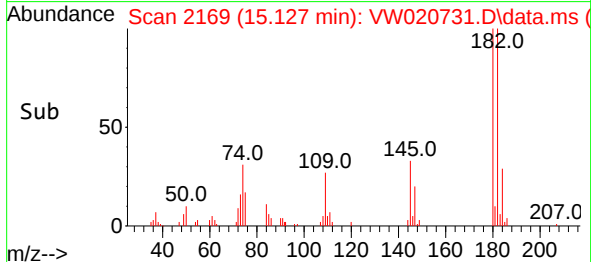
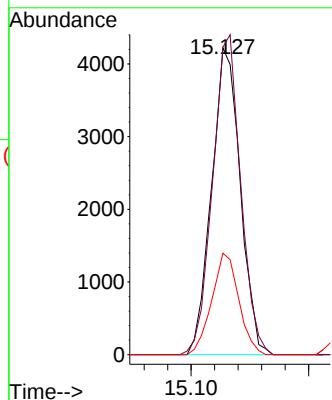
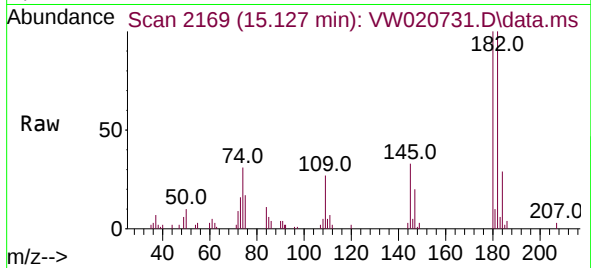




#93  
1,2,4-Trichlorobenzene  
Concen: 4.893 ug/l  
RT: 15.127 min Scan# 2169  
Delta R.T. -0.006 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

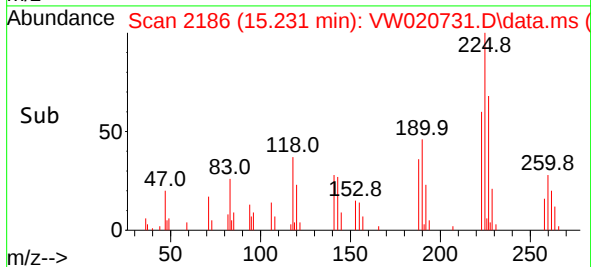
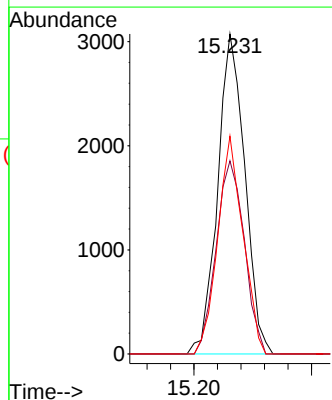
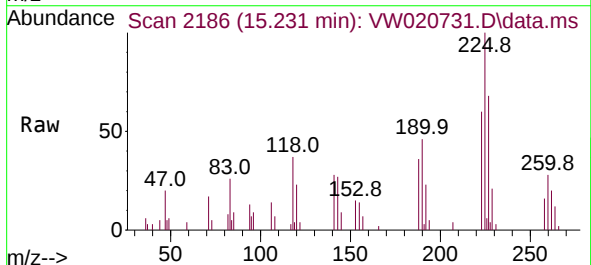
Instrument :  
MSVOA\_W  
ClientSampleId :

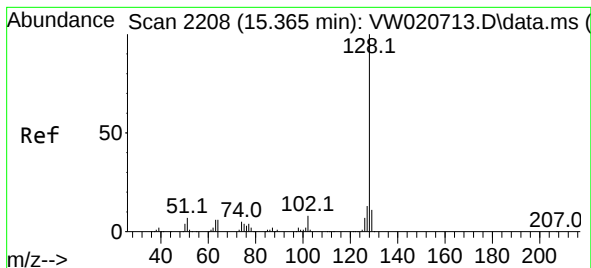
Tgt Ion:180 Resp: 7148  
Ion Ratio Lower Upper  
180 100  
182 101.9 47.9 143.8  
145 31.2 14.8 44.4



#94  
Hexachlorobutadiene  
Concen: 5.227 ug/l  
RT: 15.231 min Scan# 2186  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Tgt Ion:225 Resp: 4934  
Ion Ratio Lower Upper  
225 100  
223 62.4 31.6 95.0  
227 63.3 31.9 95.7

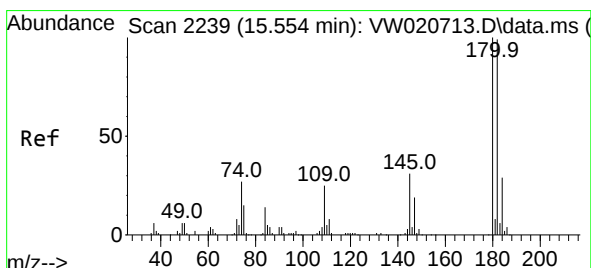
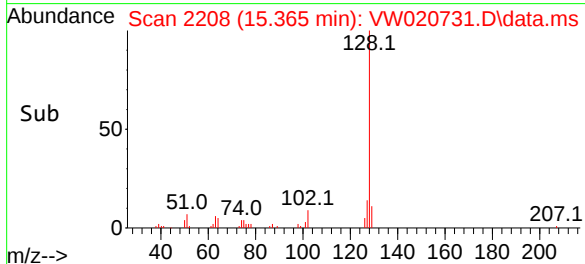
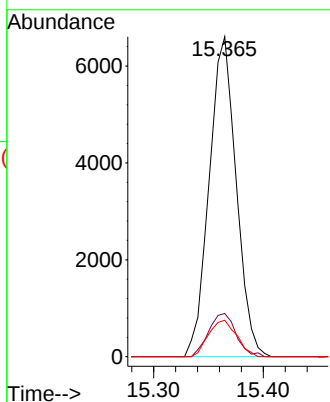
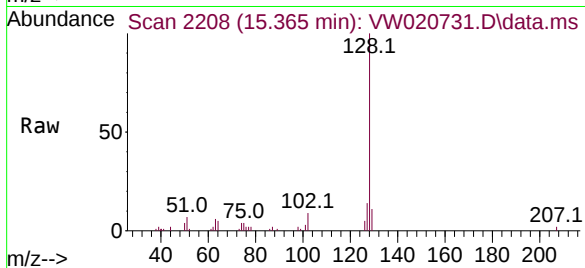




#95  
Naphthalene  
Concen: 4.655 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

Instrument :  
MSVOA\_W  
ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 11307 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.7  | 10.6  | 16.0  |
| 129       | 11.8  | 8.6   | 12.8  |



#96  
1,2,3-Trichlorobenzene  
Concen: 5.153 ug/l  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: VW020731.D  
Acq: 29 Oct 2021 17:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 6760  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.9  | 48.5  | 145.5 |
| 145       | 33.3  | 15.7  | 47.1  |

