

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110121\  
 Data File : VW020736.D  
 Acq On : 01 Nov 2021 15:42  
 Operator : SY/VA  
 Sample : VSTDIC020  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 02 04:18:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W110121S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 02 04:15:55 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.951  | 168   | 38724    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.841  | 114   | 58451    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.628 | 117   | 55871    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.554 | 152   | 32423    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.305  | 65    | 7419     | 19.838   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 39.680%# |
| 35) Dibromofluoromethane     | 7.884  | 113   | 8082     | 23.335   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 46.680%# |
| 50) Toluene-d8               | 10.323 | 98    | 28919    | 22.548   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 45.100%# |
| 62) 4-Bromofluorobenzene     | 12.615 | 95    | 9858     | 20.505   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 41.020%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.007  | 85    | 1508     | 15.689   | ug/l   | 96       |
| 3) Chloromethane             | 2.215  | 50    | 4035     | 17.401   | ug/l   | 94       |
| 4) Vinyl Chloride            | 2.355  | 62    | 7432     | 24.741   | ug/l   | 100      |
| 5) Bromomethane              | 2.757  | 94    | 6789     | 45.003   | ug/l   | 89       |
| 6) Chloroethane              | 2.904  | 64    | 2933     | 32.398   | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 3.245  | 101   | 2497     | 19.332   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.684  | 74    | 2621     | 16.782   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.056  | 101   | 6547     | 20.694   | ug/l   | 96       |
| 10) Methyl Iodide            | 4.269  | 142   | 8173     | 22.431   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.178  | 59    | 1365     | 67.767   | ug/l # | 77       |
| 12) 1,1-Dichloroethene       | 4.037  | 96    | 5646     | 18.468   | ug/l   | 96       |
| 13) Acrolein                 | 3.879  | 56    | 528      | 63.365   | ug/l   | 96       |
| 14) Allyl chloride           | 4.659  | 41    | 4467     | 10.455   | ug/l   | 96       |
| 15) Acrylonitrile            | 5.367  | 53    | 4986     | 69.036   | ug/l   | 95       |
| 16) Acetone                  | 4.123  | 43    | 4214     | 52.367   | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.379  | 76    | 13756    | 16.525   | ug/l   | 100      |
| 18) Methyl Acetate           | 4.672  | 43    | 3225     | 12.364   | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.421  | 73    | 6516     | 15.854   | ug/l   | 95       |
| 20) Methylene Chloride       | 4.909  | 84    | 7624     | 18.622   | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.427  | 96    | 6207     | 18.096   | ug/l   | 94       |
| 22) Diisopropyl ether        | 6.305  | 45    | 11325    | 12.348   | ug/l # | 90       |
| 23) Vinyl Acetate            | 6.257  | 43    | 30556    | 60.722   | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.214  | 63    | 9507     | 15.570   | ug/l   | 97       |
| 25) 2-Butanone               | 7.171  | 43    | 5582     | 56.950   | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.165  | 77    | 5722     | 16.710   | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene   | 7.171  | 96    | 6977     | 18.622   | ug/l   | 93       |
| 28) Bromochloromethane       | 7.512  | 49    | 4140     | 14.749   | ug/l # | 98       |
| 29) Tetrahydrofuran          | 7.531  | 42    | 3331     | 56.449   | ug/l   | 100      |
| 30) Chloroform               | 7.677  | 83    | 12125    | 18.468   | ug/l   | 98       |
| 31) Cyclohexane              | 7.951  | 56    | 7943     | 13.004   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 7.872  | 97    | 9160     | 18.070   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.079  | 75    | 8460     | 16.437   | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.256  | 43    | 2864     | 13.438   | ug/l   | 95       |
| 38) Carbon Tetrachloride     | 8.061  | 117   | 9225     | 19.009   | ug/l   | 100      |
| 39) Methylcyclohexane        | 9.335  | 83    | 9660     | 15.455   | ug/l   | 91       |
| 40) Benzene                  | 8.323  | 78    | 24448    | 16.535   | ug/l   | 98       |

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 Sample : VSTDIC020  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Nov 02 04:18:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W110121S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 02 04:15:55 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.482  | 41   | 1341     | 10.812  | ug/l # | 90       |
| 42) 1,2-Dichloroethane        | 8.396  | 62   | 6986     | 15.519  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.427  | 43   | 5109     | 12.559  | ug/l   | 97       |
| 44) Trichloroethene           | 9.091  | 130  | 7557     | 19.126  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.366  | 63   | 5611     | 16.309  | ug/l   | 95       |
| 46) Dibromomethane            | 9.463  | 93   | 3807     | 19.408  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.646  | 83   | 8853     | 18.037  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.439  | 41   | 2394     | 12.071  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.457  | 88   | 932      | 350.853 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.207 | 43   | 13777    | 64.009  | ug/l   | 97       |
| 52) Toluene                   | 10.384 | 92   | 16453    | 18.093  | ug/l   | 91       |
| 53) t-1,3-Dichloropropene     | 10.609 | 75   | 8037     | 16.519  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 9217     | 16.563  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 5203     | 18.993  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 5359     | 16.129  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 8171     | 17.501  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.927  | 63   | 14614    | 93.412  | ug/l   | 94       |
| 59) 2-Hexanone                | 10.969 | 43   | 9133     | 60.173  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.128 | 129  | 6398     | 19.446  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.231 | 107  | 5065     | 19.066  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.866 | 164  | 6054     | 17.018  | ug/l # | 85       |
| 65) Chlorobenzene             | 11.658 | 112  | 18844    | 18.508  | ug/l   | 92       |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 7018     | 18.809  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.731 | 91   | 31042    | 17.111  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.835 | 106  | 24747    | 35.043  | ug/l   | 95       |
| 69) o-Xylene                  | 12.164 | 106  | 11347    | 17.362  | ug/l   | 95       |
| 70) Styrene                   | 12.176 | 104  | 19937    | 17.788  | ug/l   | 97       |
| 71) Bromoform                 | 12.347 | 173  | 3814     | 18.441  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.463 | 105  | 31665    | 16.314  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.268 | 43   | 4781     | 11.252  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 6080     | 17.315  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 6989     | 25.273  | ug/l # | 1        |
| 77) Bromobenzene              | 12.743 | 156  | 7955     | 16.695  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.804 | 91   | 37962    | 15.922  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 21922    | 15.987  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 27462    | 16.278  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 1640     | 14.811  | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 22892    | 15.682  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.207 | 119  | 23315    | 16.148  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 27586    | 16.426  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.383 | 105  | 35573    | 16.407  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.493 | 119  | 30125    | 16.397  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 17652    | 18.089  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.572 | 146  | 16751    | 17.375  | ug/l   | 95       |
| 89) n-Butylbenzene            | 13.822 | 91   | 27752    | 16.108  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.091 | 117  | 5748     | 16.923  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.865 | 146  | 14811    | 17.549  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.487 | 75   | 904      | 14.588  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 15.127 | 180  | 9186     | 15.752  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.231 | 225  | 5267     | 14.362  | ug/l   | 88       |
| 95) Naphthalene               | 15.359 | 128  | 15668    | 15.797  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 8322     | 15.971  | ug/l   | 97       |

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Sample : VSTDIC020  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Nov 02 04:18:14 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W110121S.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 02 04:15:55 2021  
Response via : Initial Calibration

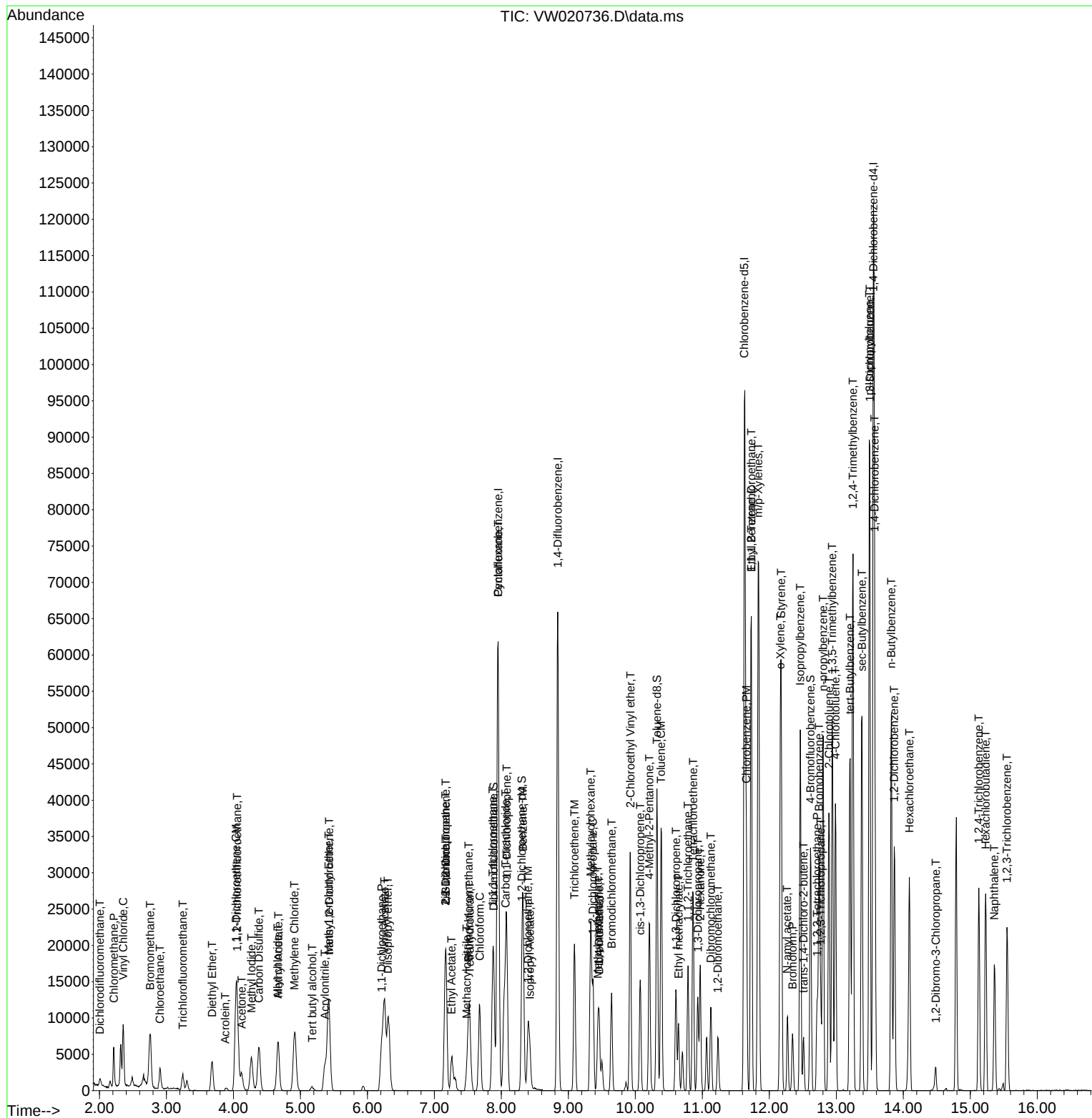
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

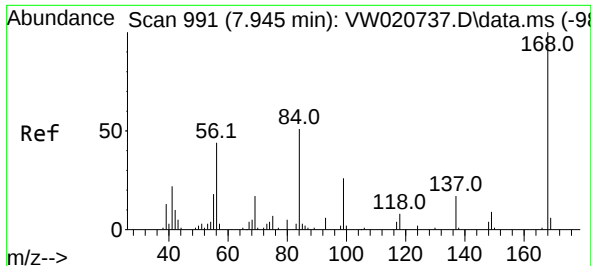
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110121\  
 Data File : VW020736.D  
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 Sample : VSTDIC020  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
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Quant Time: Nov 02 04:18:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W110121S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 02 04:15:55 2021  
 Response via : Initial Calibration

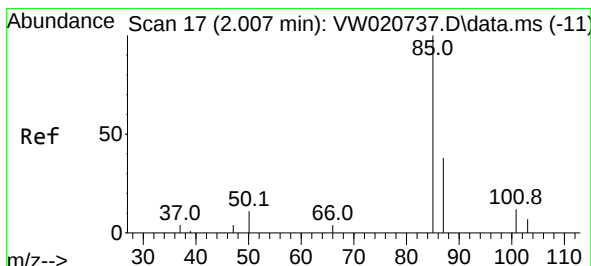
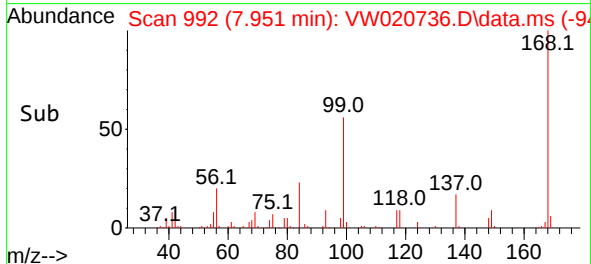
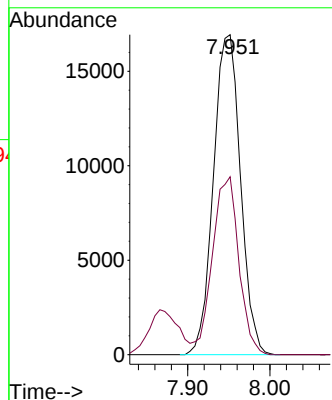
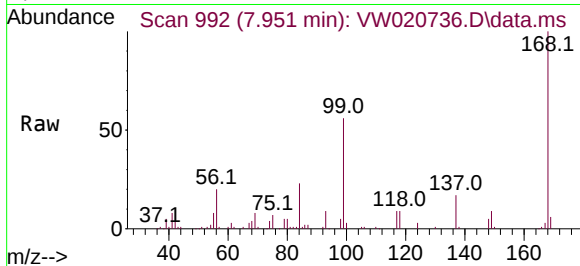




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.951 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

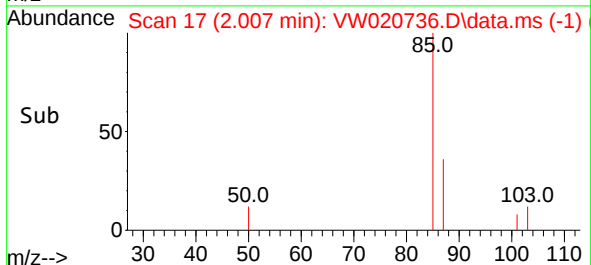
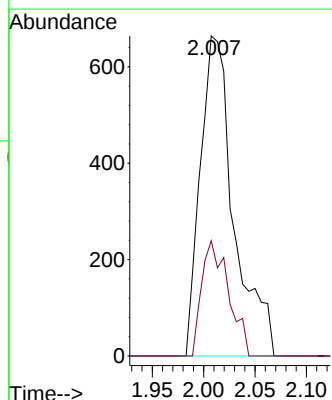
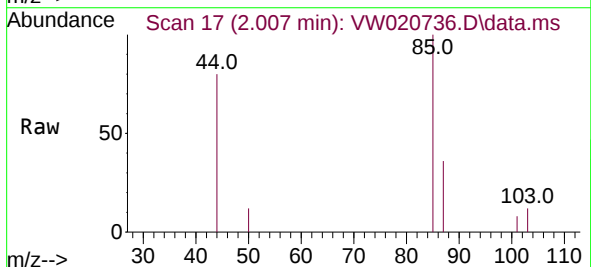
Instrument :  
MSVOA\_W  
ClientSampleId :

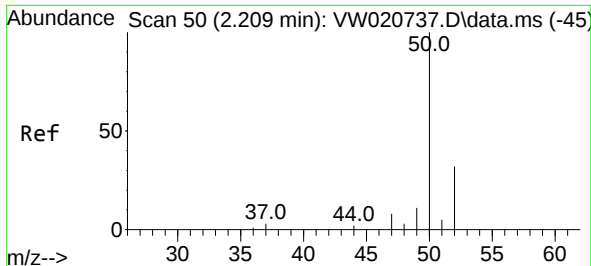
Tgt Ion:168 Resp: 38724  
Ion Ratio Lower Upper  
168 100  
99 55.6 42.6 63.8



#2  
Dichlorodifluoromethane  
Concen: 15.689 ug/l  
RT: 2.007 min Scan# 17  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

Tgt Ion: 85 Resp: 1508  
Ion Ratio Lower Upper  
85 100  
87 36.0 19.1 57.5

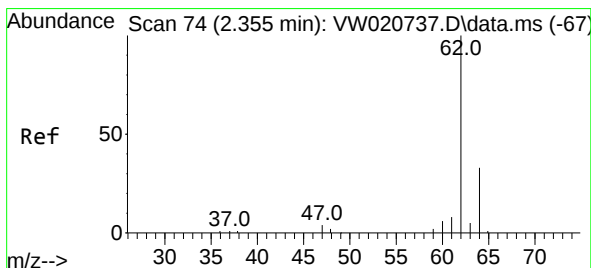
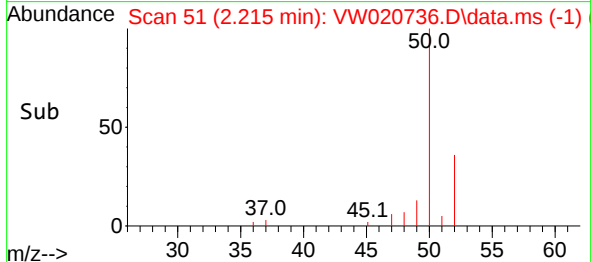
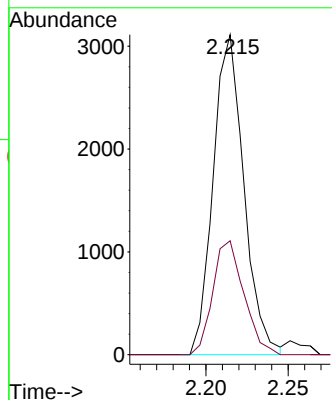
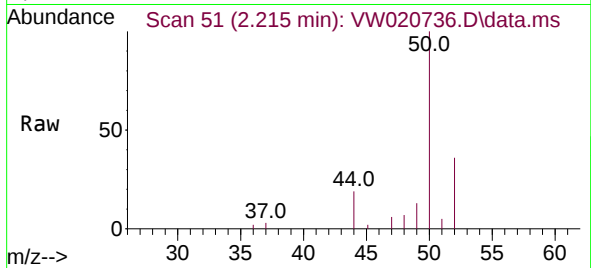




#3  
Chloromethane  
Concen: 17.401 ug/l  
RT: 2.215 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

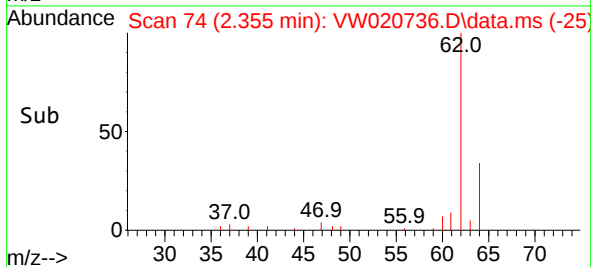
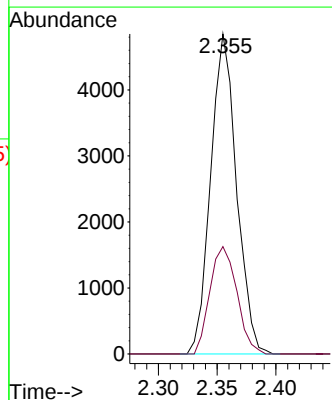
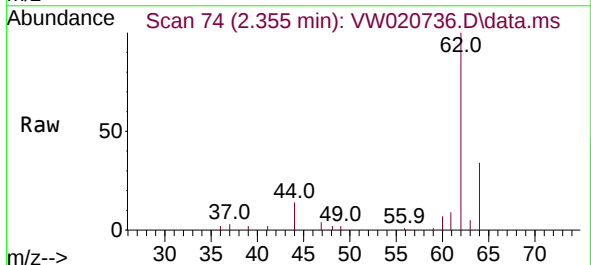
Instrument :  
MSVOA\_W  
ClientSampleId :

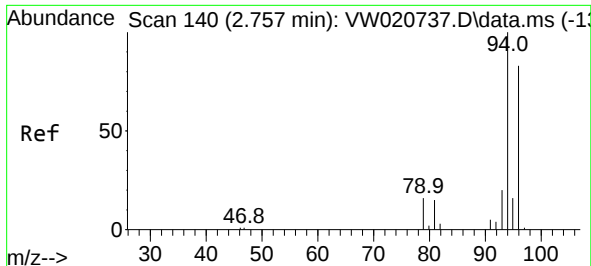
Tgt Ion: 50 Resp: 4035  
Ion Ratio Lower Upper  
50 100  
52 35.6 25.9 38.9



#4  
Vinyl Chloride  
Concen: 24.741 ug/l  
RT: 2.355 min Scan# 74  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

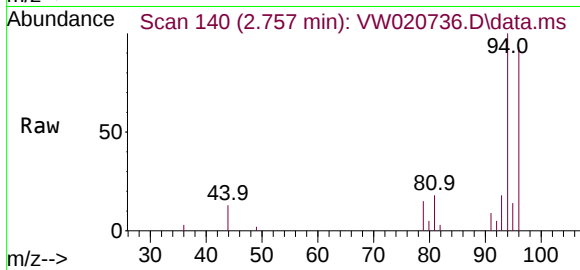
Tgt Ion: 62 Resp: 7432  
Ion Ratio Lower Upper  
62 100  
64 33.6 26.7 40.1



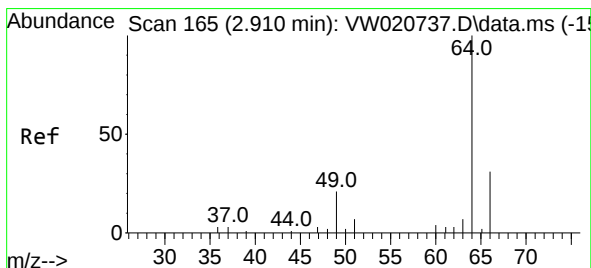
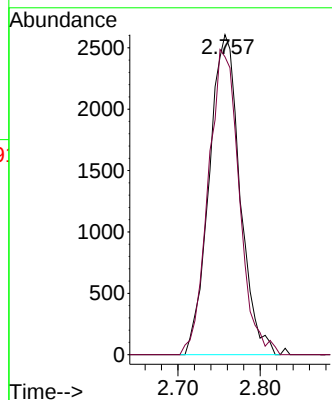
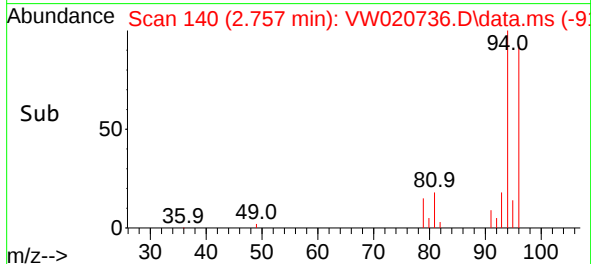


#5  
Bromomethane  
Concen: 45.003 ug/l  
RT: 2.757 min Scan# 140  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

Instrument :  
MSVOA\_W  
ClientSampleId :

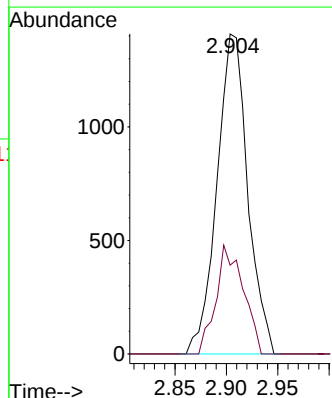
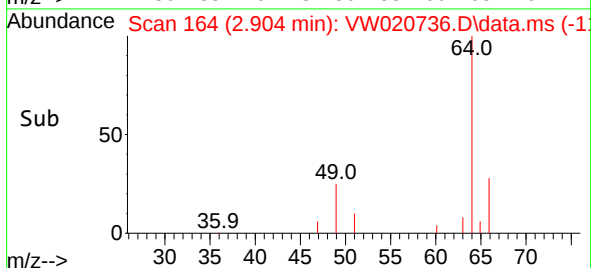
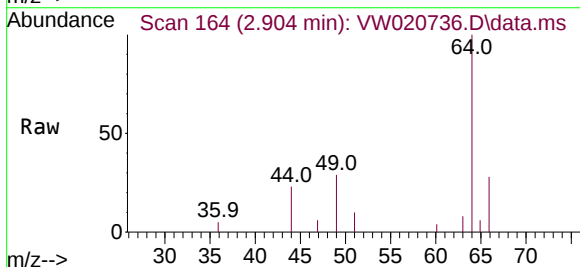


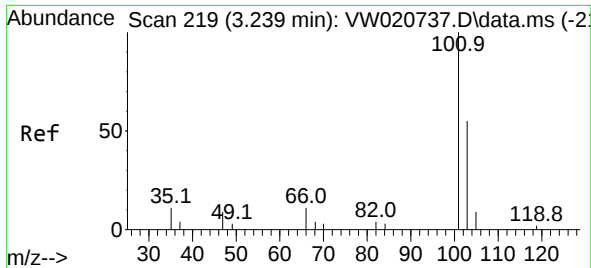
Tgt Ion: 94 Resp: 6789  
Ion Ratio Lower Upper  
94 100  
96 93.1 66.7 100.1



#6  
Chloroethane  
Concen: 32.398 ug/l  
RT: 2.904 min Scan# 164  
Delta R.T. -0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

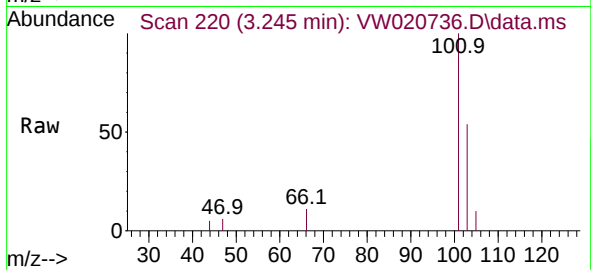
Tgt Ion: 64 Resp: 2933  
Ion Ratio Lower Upper  
64 100  
66 27.8 25.1 37.7



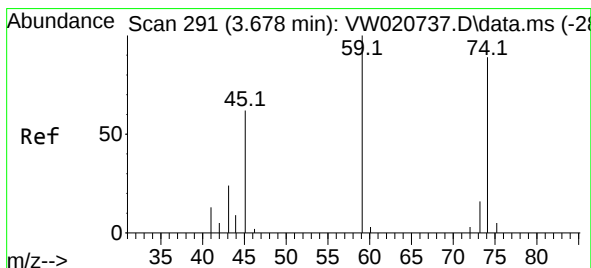
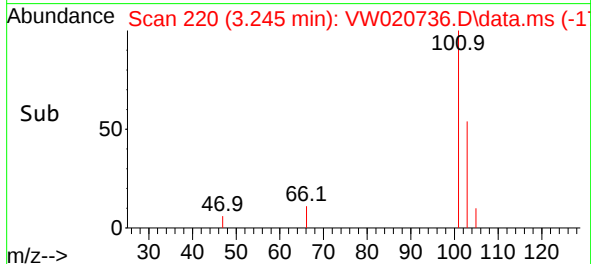
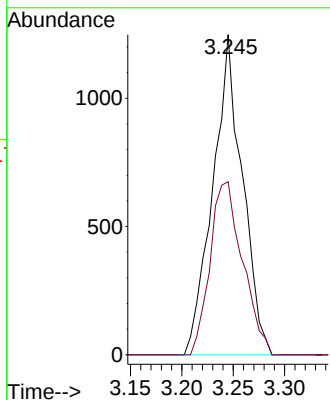


#7  
 Trichlorofluoromethane  
 Concen: 19.332 ug/l  
 RT: 3.245 min Scan# 219  
 Delta R.T. 0.006 min  
 Lab File: VW020736.D  
 Acq: 01 Nov 2021 15:42

Instrument :  
 MSVOA\_W  
 ClientSampleId :

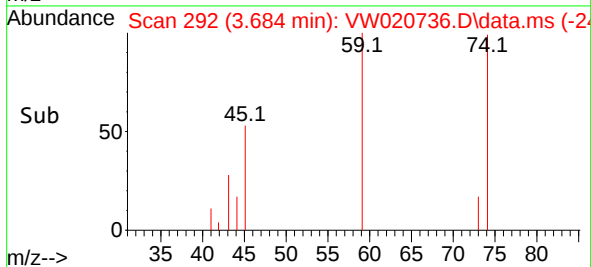
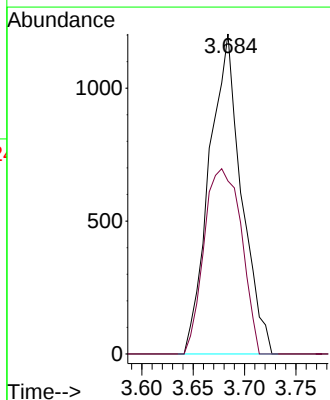
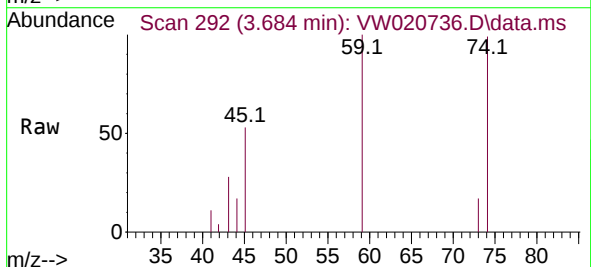


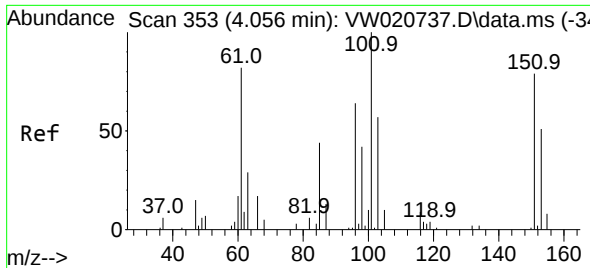
Tgt Ion:101 Resp: 2497  
 Ion Ratio Lower Upper  
 101 100  
 103 54.1 43.9 65.9



#8  
 Diethyl Ether  
 Concen: 16.782 ug/l  
 RT: 3.684 min Scan# 292  
 Delta R.T. 0.006 min  
 Lab File: VW020736.D  
 Acq: 01 Nov 2021 15:42

Tgt Ion: 74 Resp: 2621  
 Ion Ratio Lower Upper  
 74 100  
 45 67.1 34.3 102.8

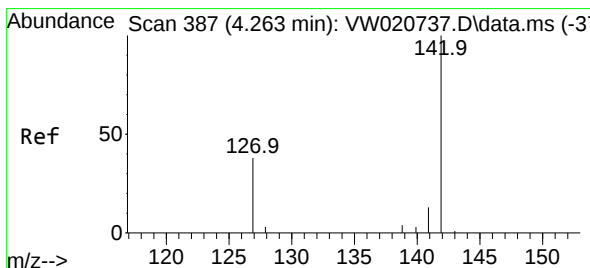
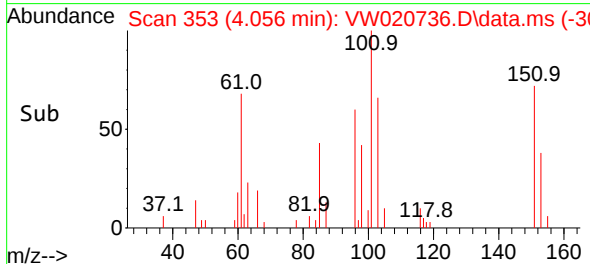
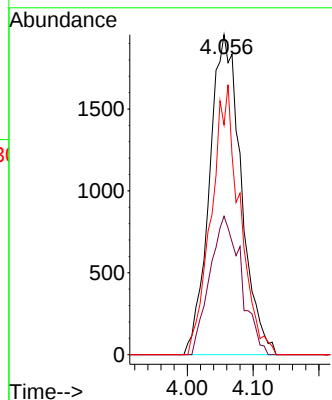
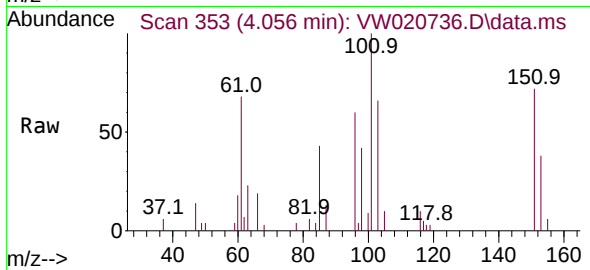




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.694 ug/l  
RT: 4.056 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

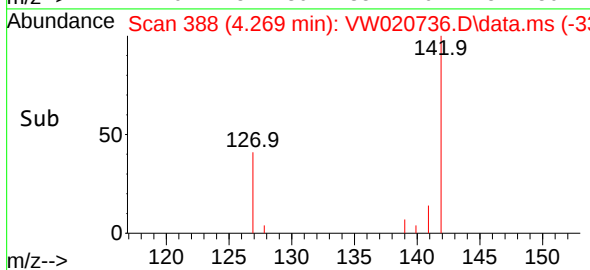
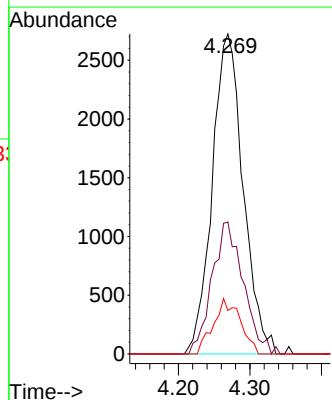
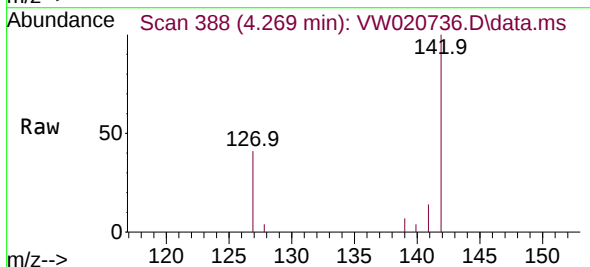
Instrument :  
MSVOA\_W  
ClientSampleId :

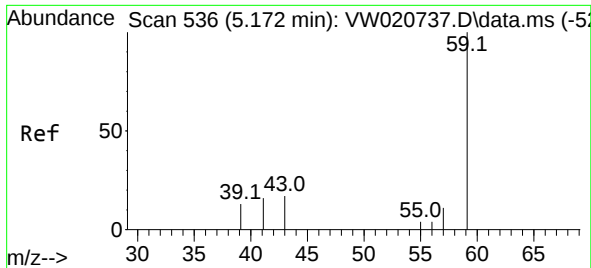
Tgt Ion:101 Resp: 6547  
Ion Ratio Lower Upper  
101 100  
85 43.0 35.2 52.8  
151 75.9 65.0 97.4



#10  
Methyl Iodide  
Concen: 22.431 ug/l  
RT: 4.269 min Scan# 388  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

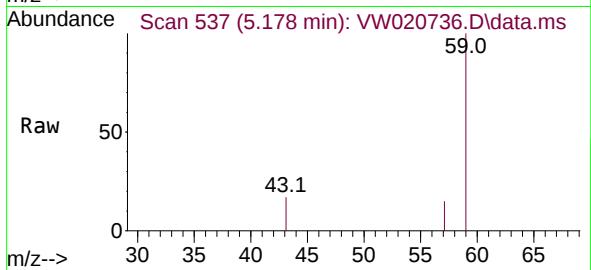
Tgt Ion:142 Resp: 8173  
Ion Ratio Lower Upper  
142 100  
127 41.7 34.3 51.5  
141 15.0 12.2 18.2



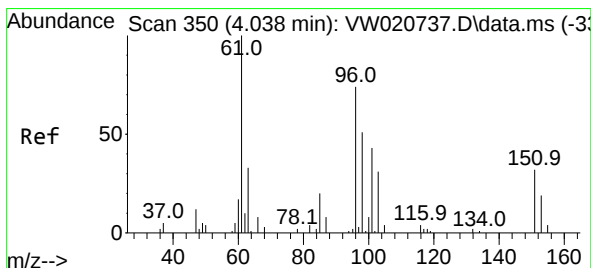
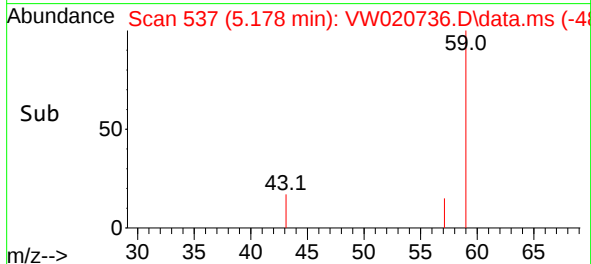
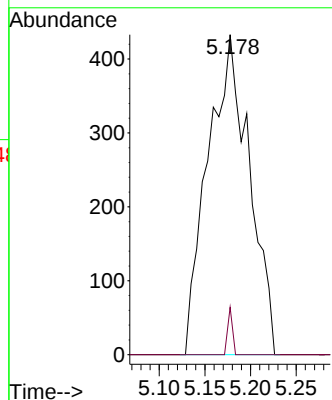


#11  
Tert butyl alcohol  
Concen: 67.767 ug/l  
RT: 5.178 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

Instrument :  
MSVOA\_W  
ClientSampleId :

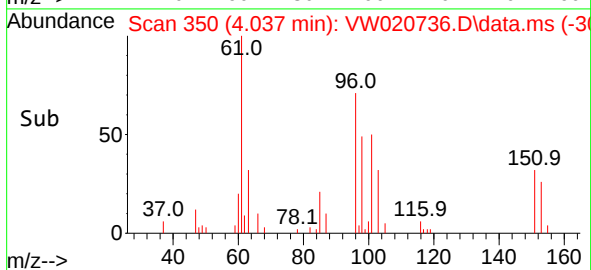
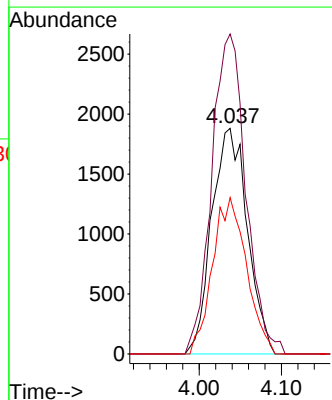
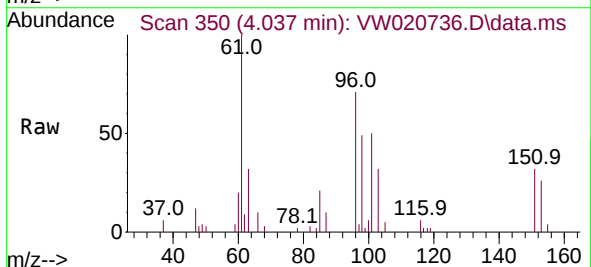


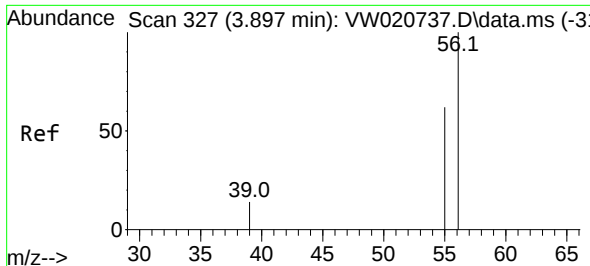
Tgt Ion: 59 Resp: 1365  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.5 9.7#



#12  
1,1-Dichloroethene  
Concen: 18.468 ug/l  
RT: 4.037 min Scan# 350  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

Tgt Ion: 96 Resp: 5646  
Ion Ratio Lower Upper  
96 100  
61 141.8 108.1 162.1  
98 69.3 55.4 83.2





#13

Acrolein

Concen: 63.365 ug/l

RT: 3.879 min Scan# 31

Delta R.T. -0.018 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

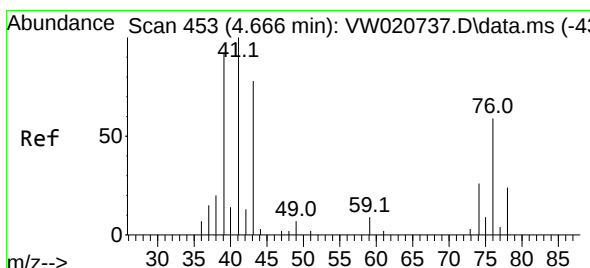
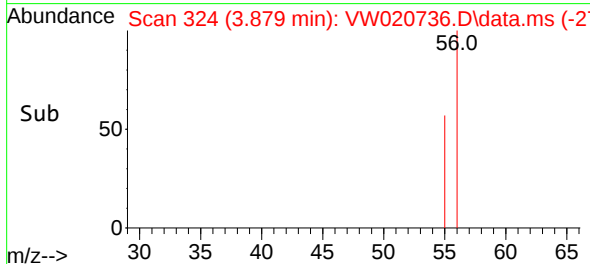
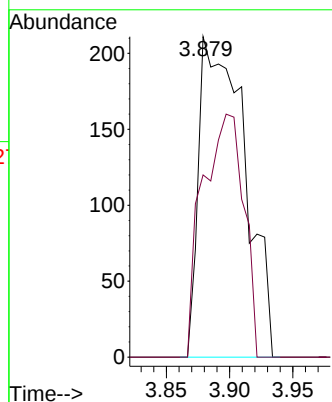
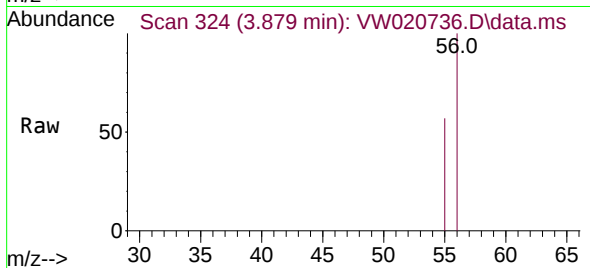
ClientSampleId :

Tgt Ion: 56 Resp: 528

Ion Ratio Lower Upper

56 100

55 68.6 52.5 78.7



#14

Allyl chloride

Concen: 10.455 ug/l

RT: 4.659 min Scan# 452

Delta R.T. -0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

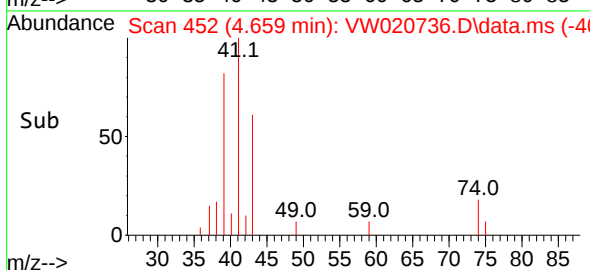
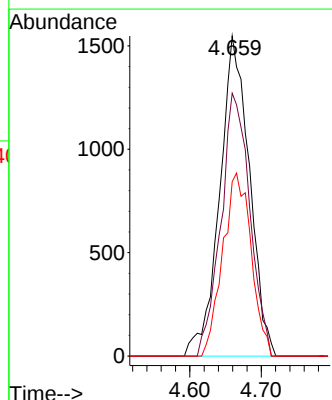
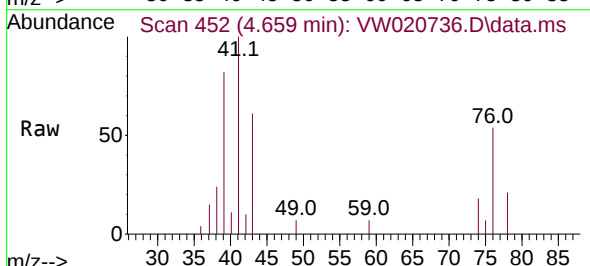
Tgt Ion: 41 Resp: 4467

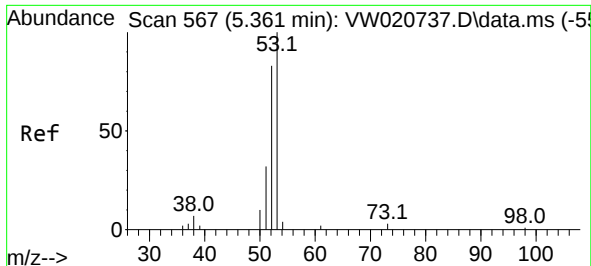
Ion Ratio Lower Upper

41 100

39 79.8 67.3 100.9

76 54.6 45.8 68.8

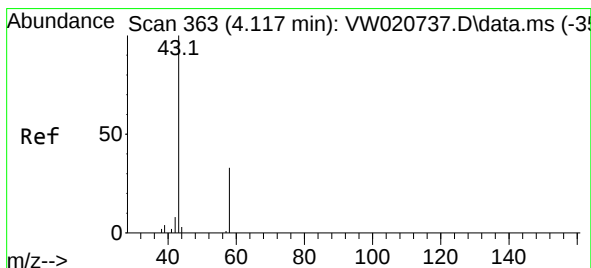
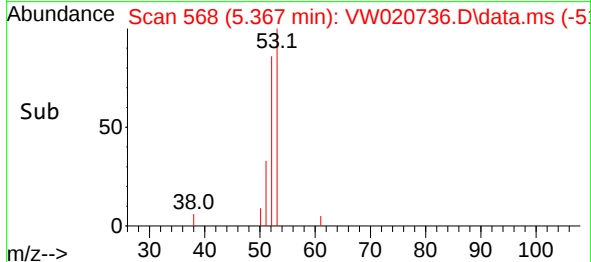
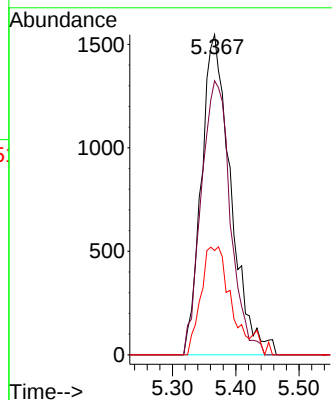
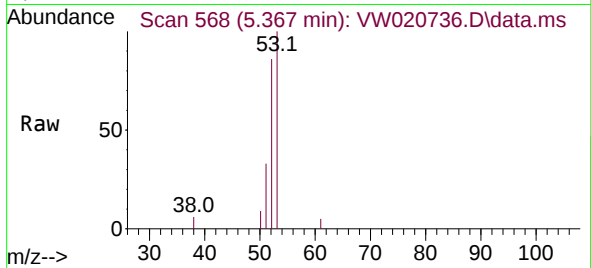




#15  
Acrylonitrile  
Concen: 69.036 ug/l  
RT: 5.367 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

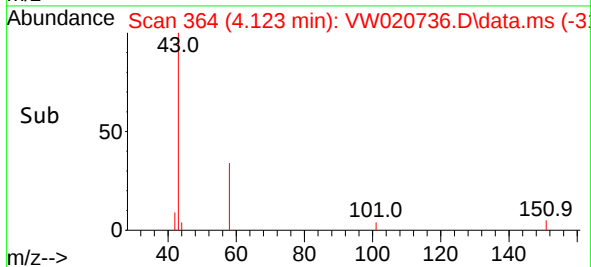
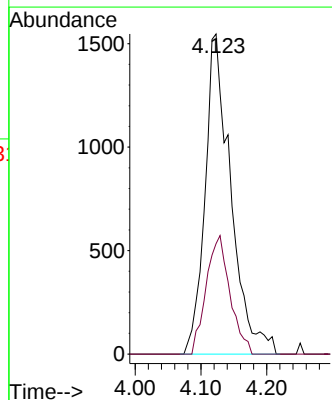
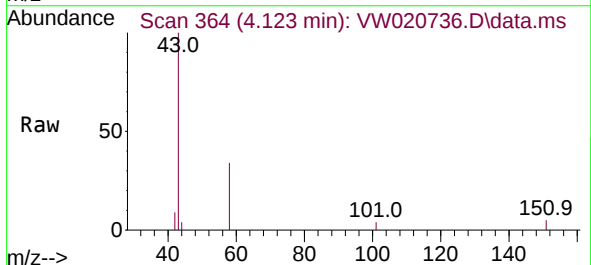
Instrument :  
MSVOA\_W  
ClientSampleId :

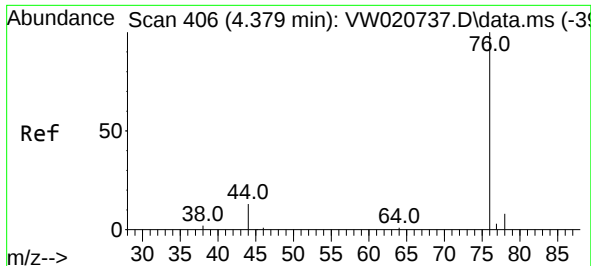
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 53 | Resp: | 4986        |
| Ion         | Ratio | Lower Upper |
| 53          | 100   |             |
| 52          | 85.2  | 63.7 95.5   |
| 51          | 33.6  | 27.5 41.3   |



#16  
Acetone  
Concen: 52.367 ug/l  
RT: 4.123 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 4214        |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 58          | 34.5  | 27.8 41.6   |

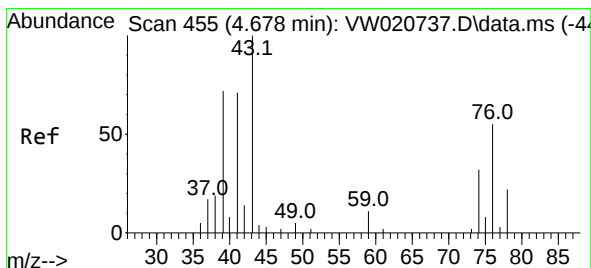
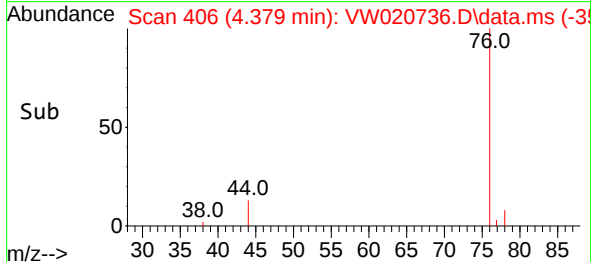
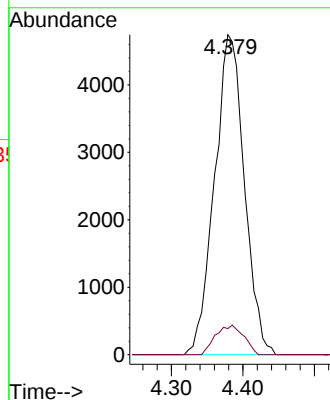
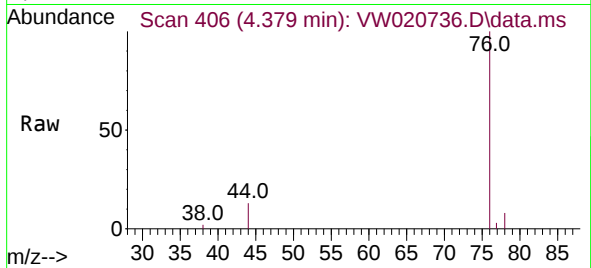




#17  
Carbon Disulfide  
Concen: 16.525 ug/l  
RT: 4.379 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

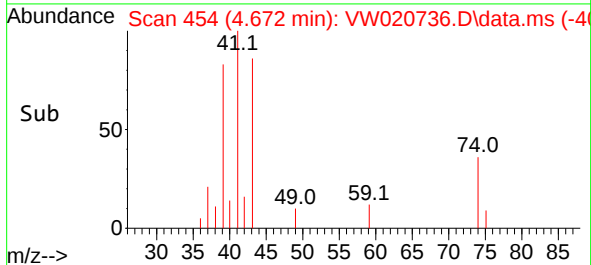
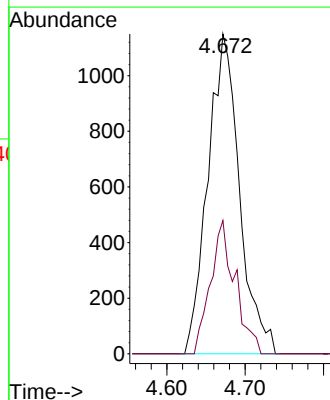
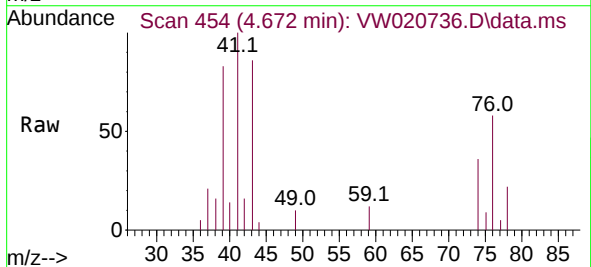
Instrument :  
MSVOA\_W  
ClientSampleId :

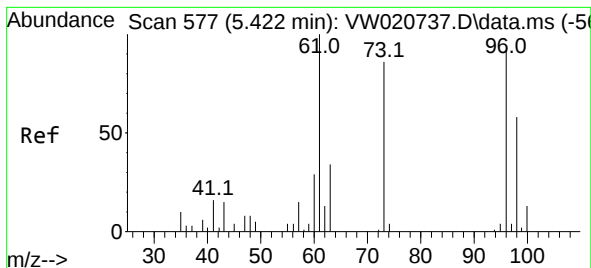
Tgt Ion: 76 Resp: 13756  
Ion Ratio Lower Upper  
76 100  
78 8.2 6.4 9.6



#18  
Methyl Acetate  
Concen: 12.364 ug/l  
RT: 4.672 min Scan# 454  
Delta R.T. -0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

Tgt Ion: 43 Resp: 3225  
Ion Ratio Lower Upper  
43 100  
74 32.5 27.0 40.6





#19

Methyl tert-butyl Ether

Concen: 15.854 ug/l

RT: 5.421 min Scan# 5

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

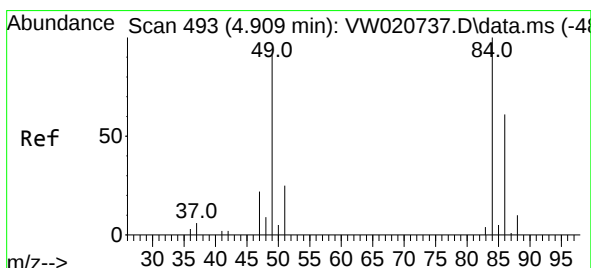
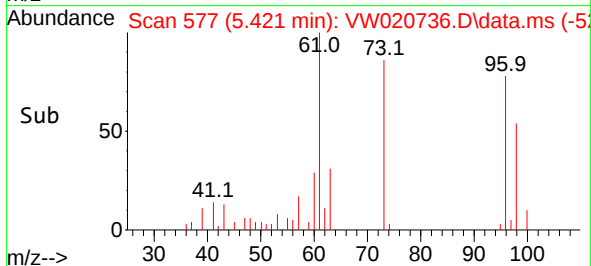
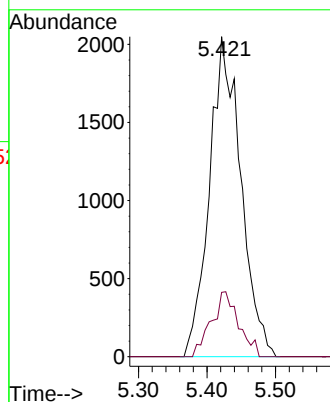
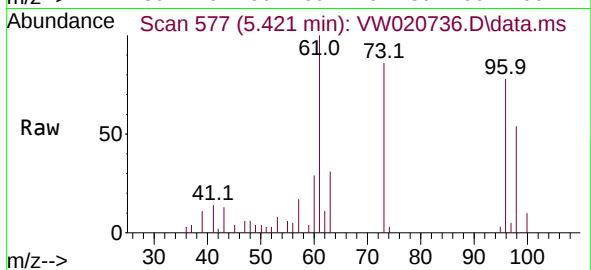
ClientSampleId :

Tgt Ion: 73 Resp: 6516

Ion Ratio Lower Upper

73 100

57 20.1 14.4 21.6



#20

Methylene Chloride

Concen: 18.622 ug/l

RT: 4.909 min Scan# 493

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Tgt Ion: 84 Resp: 7624

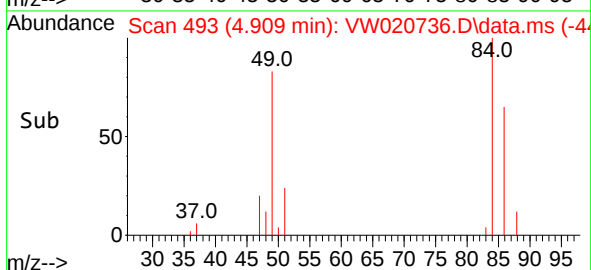
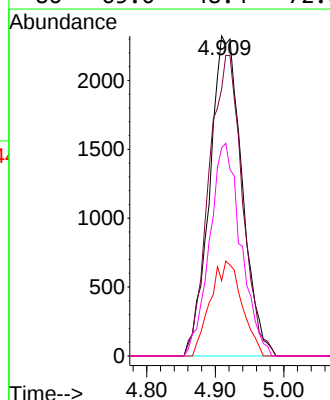
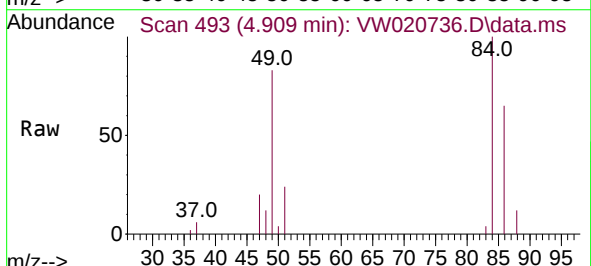
Ion Ratio Lower Upper

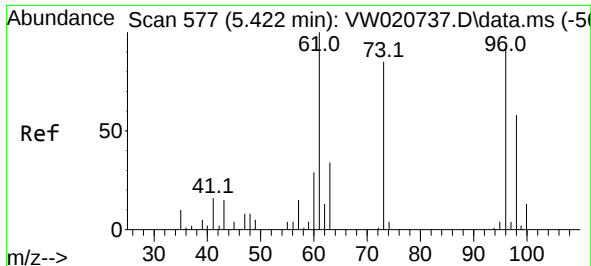
84 100

49 83.5 72.6 108.8

51 23.5 19.7 29.5

86 65.0 48.4 72.6

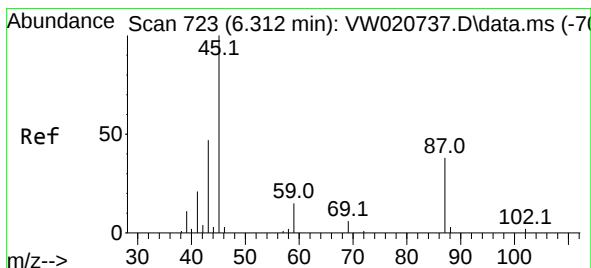
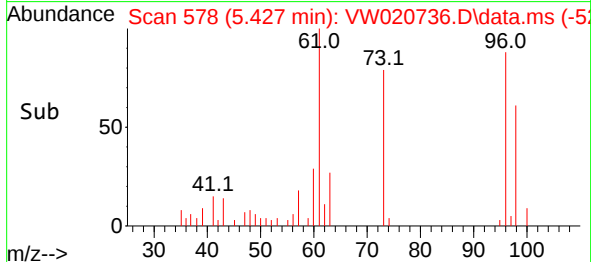
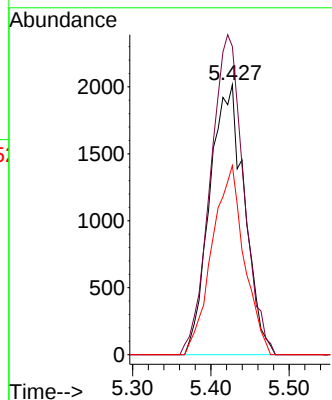
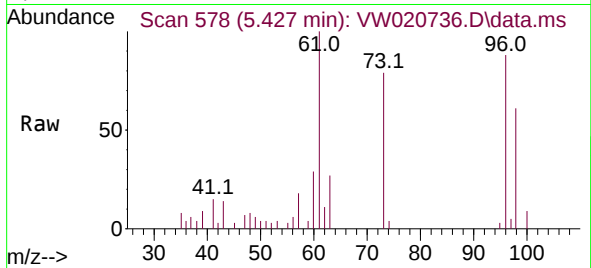




#21  
trans-1,2-Dichloroethene  
Concen: 18.096 ug/l  
RT: 5.427 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

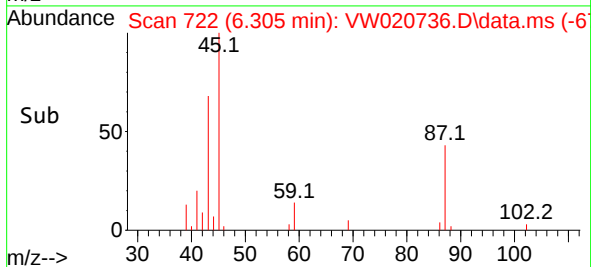
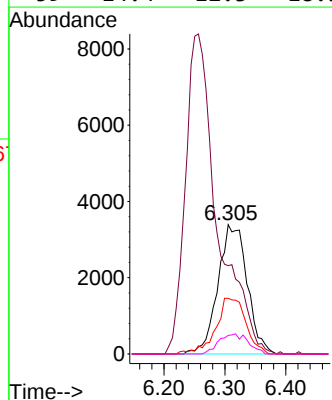
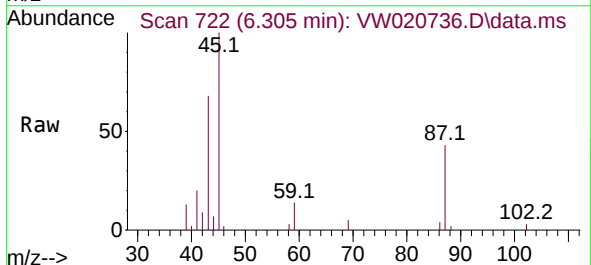
Instrument :  
MSVOA\_W  
ClientSampleId :

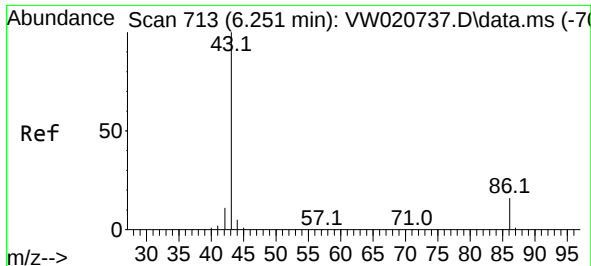
Tgt Ion: 96 Resp: 6207  
Ion Ratio Lower Upper  
96 100  
61 114.1 87.2 130.8  
98 70.0 50.9 76.3



#22  
Diisopropyl ether  
Concen: 12.348 ug/l  
RT: 6.305 min Scan# 722  
Delta R.T. -0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

Tgt Ion: 45 Resp: 11325  
Ion Ratio Lower Upper  
45 100  
43 66.7 44.3 66.5#  
87 43.0 31.4 47.0  
59 14.4 12.3 18.5

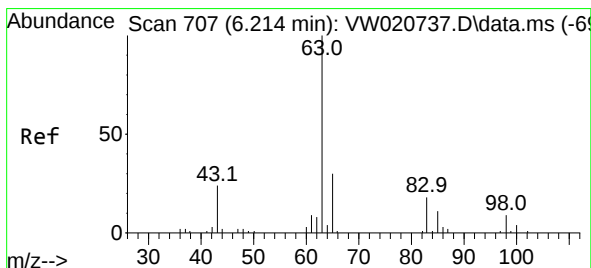
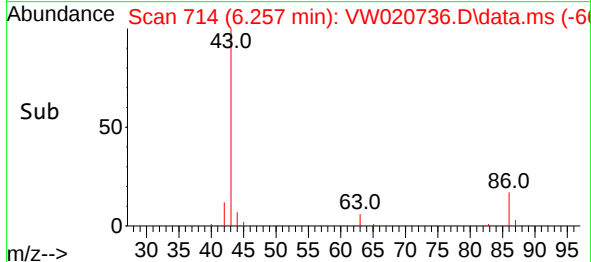
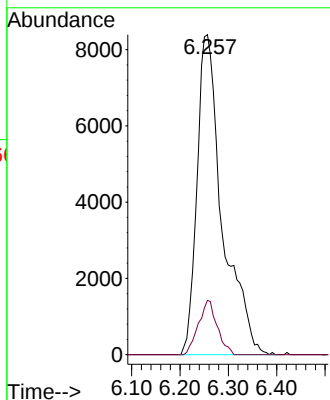
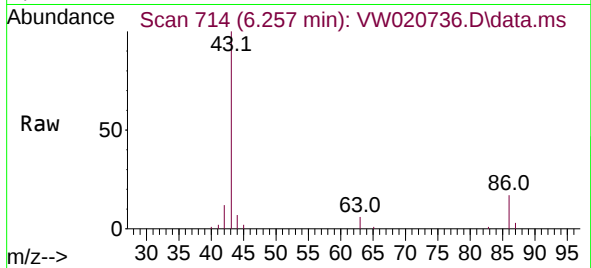




#23  
 Vinyl Acetate  
 Concen: 60.722 ug/l  
 RT: 6.257 min Scan# 714  
 Delta R.T. 0.006 min  
 Lab File: VW020736.D  
 Acq: 01 Nov 2021 15:42

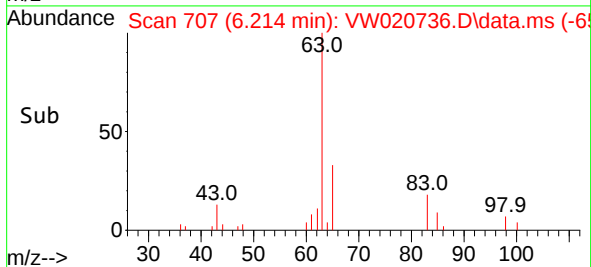
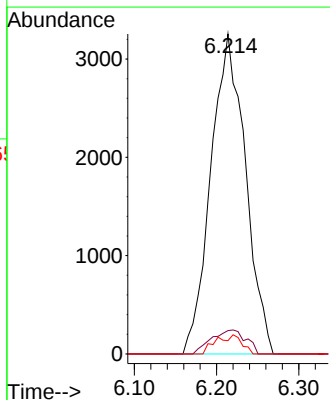
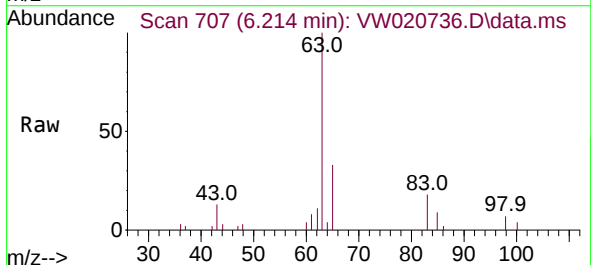
Instrument :  
 MSVOA\_W  
 ClientSampleId :

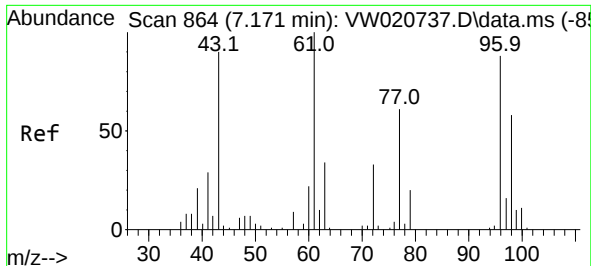
Tgt Ion: 43 Resp: 30556  
 Ion Ratio Lower Upper  
 43 100  
 86 17.0 13.0 19.4



#24  
 1,1-Dichloroethane  
 Concen: 15.570 ug/l  
 RT: 6.214 min Scan# 707  
 Delta R.T. -0.000 min  
 Lab File: VW020736.D  
 Acq: 01 Nov 2021 15:42

Tgt Ion: 63 Resp: 9507  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 4.4 13.2  
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 56.950 ug/l

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

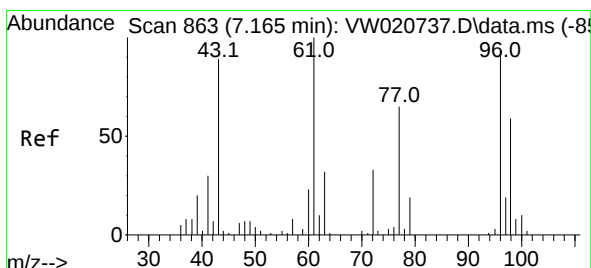
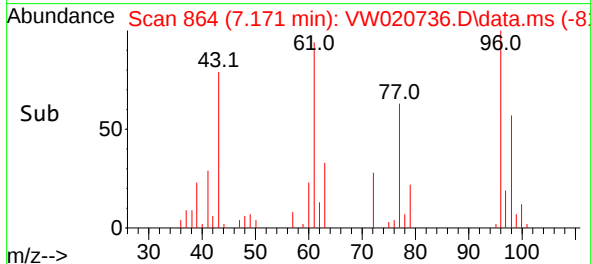
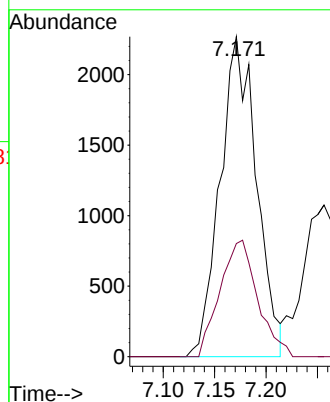
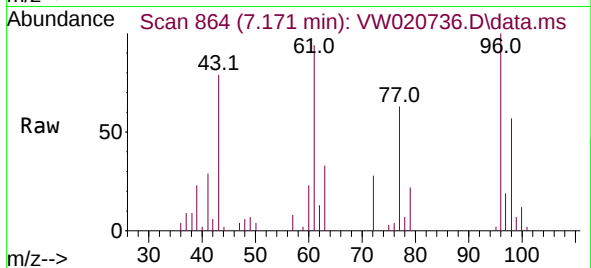
ClientSampleId :

Tgt Ion: 43 Resp: 5582

Ion Ratio Lower Upper

43 100

72 35.3 29.3 43.9



#26

2,2-Dichloropropane

Concen: 16.710 ug/l

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW020736.D

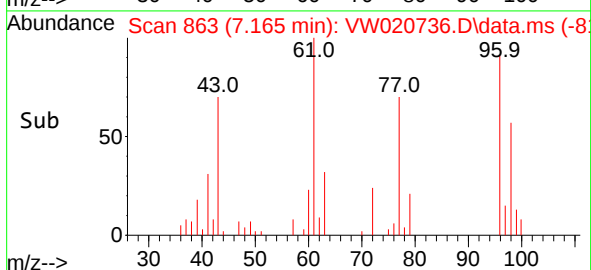
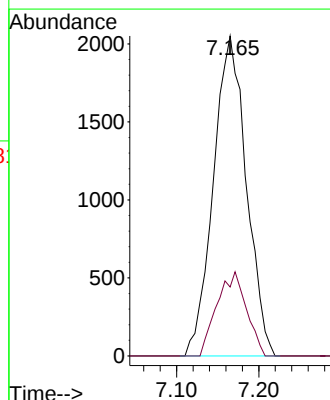
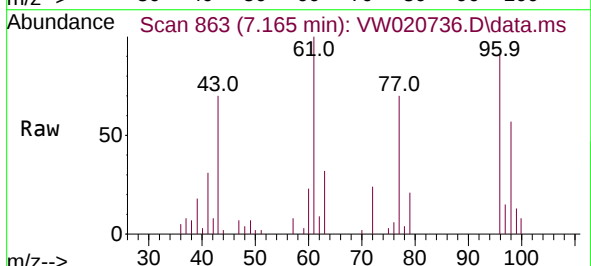
Acq: 01 Nov 2021 15:42

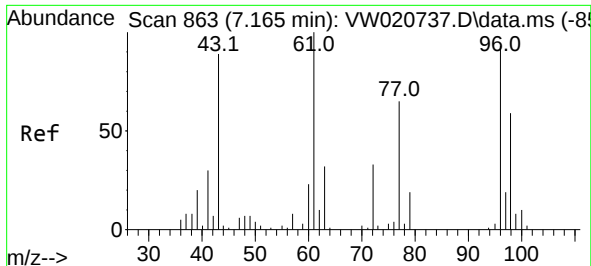
Tgt Ion: 77 Resp: 5722

Ion Ratio Lower Upper

77 100

97 23.4 13.5 40.5





#27

cis-1,2-Dichloroethene

Concen: 18.622 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

ClientSampleId :

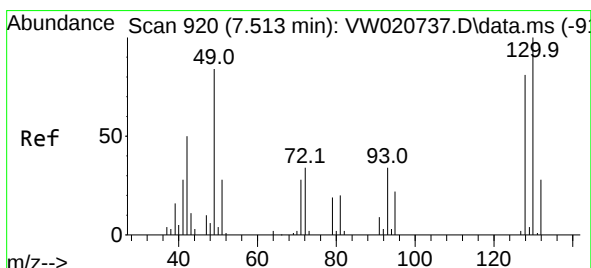
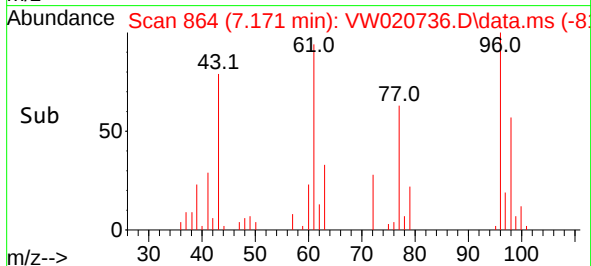
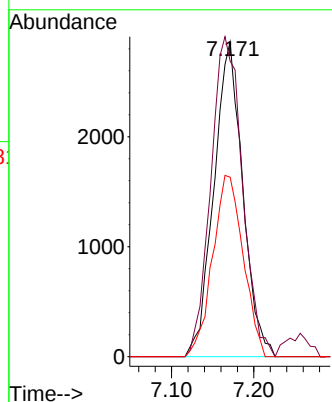
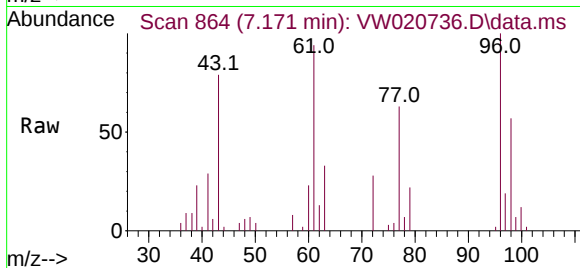
Tgt Ion: 96 Resp: 6977

Ion Ratio Lower Upper

96 100

61 111.0 0.0 234.8

98 61.0 0.0 135.4



#28

Bromochloromethane

Concen: 14.749 ug/l

RT: 7.512 min Scan# 920

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

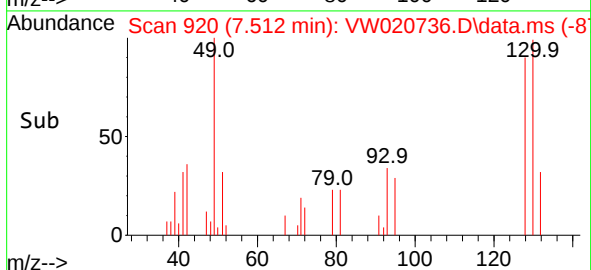
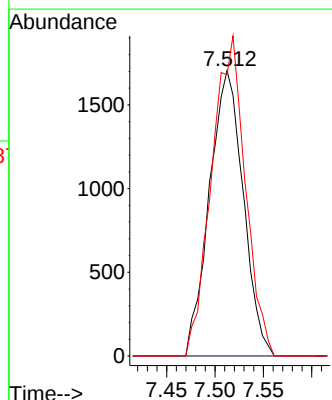
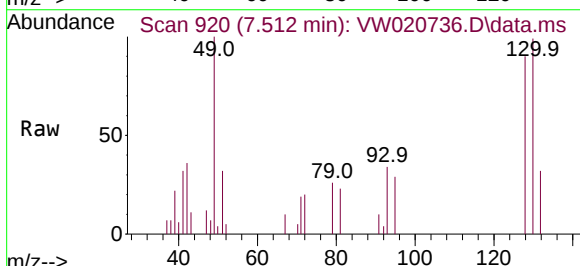
Tgt Ion: 49 Resp: 4140

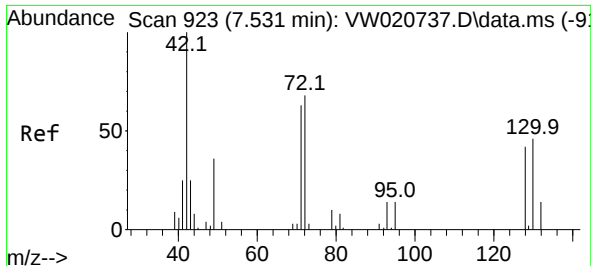
Ion Ratio Lower Upper

49 100

129 0.0 0.0 7.6

130 111.7 88.2 132.2





#29

Tetrahydrofuran

Concen: 56.449 ug/l

RT: 7.531 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

ClientSampleId :

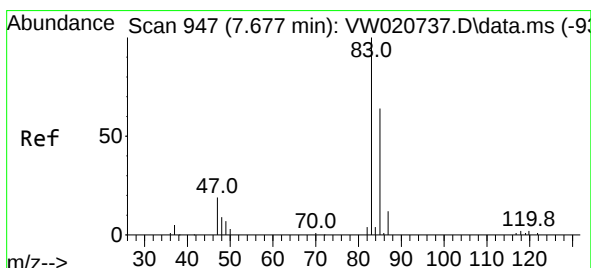
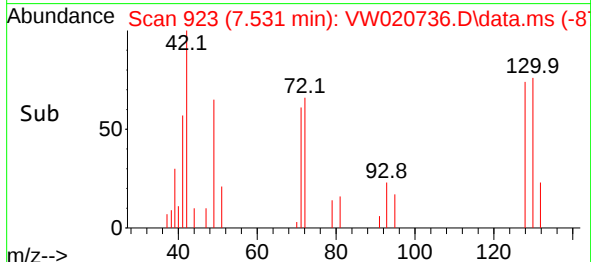
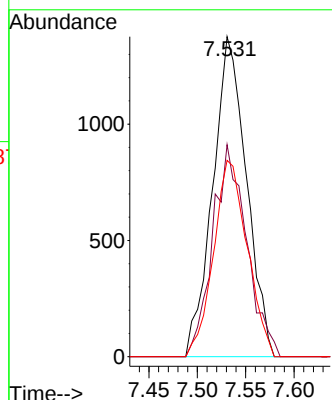
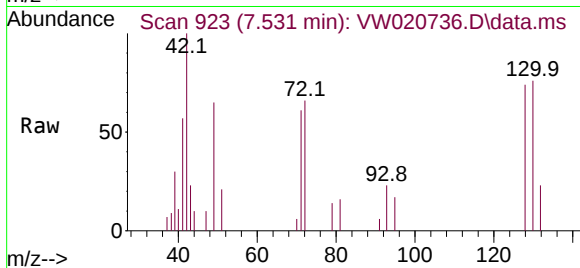
Tgt Ion: 42 Resp: 3331

Ion Ratio Lower Upper

42 100

72 66.5 53.0 79.4

71 61.5 49.4 74.2



#30

Chloroform

Concen: 18.468 ug/l

RT: 7.677 min Scan# 947

Delta R.T. -0.000 min

Lab File: VW020736.D

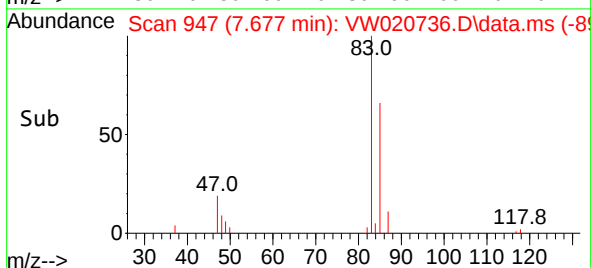
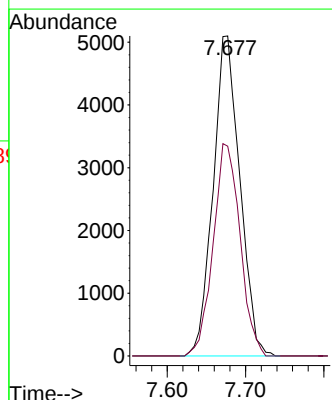
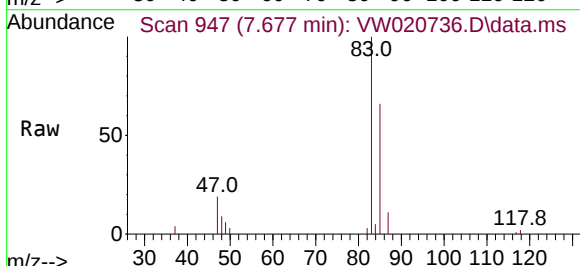
Acq: 01 Nov 2021 15:42

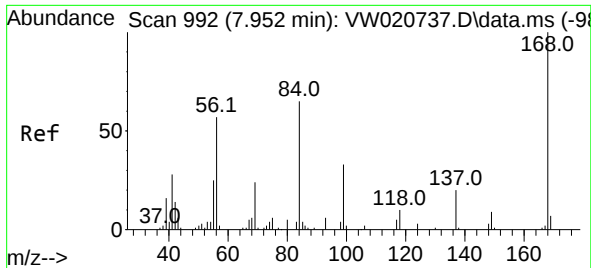
Tgt Ion: 83 Resp: 12125

Ion Ratio Lower Upper

83 100

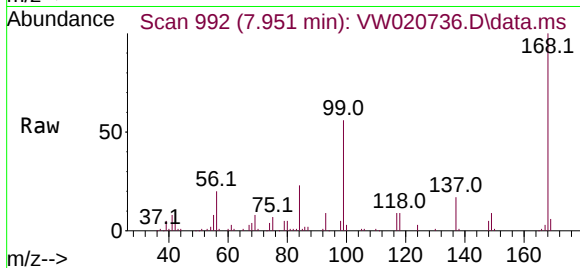
85 65.6 51.2 76.8



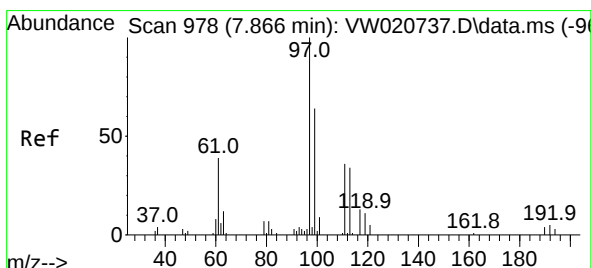
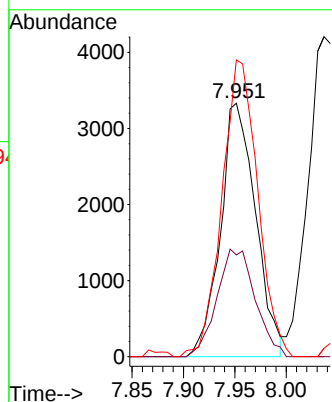
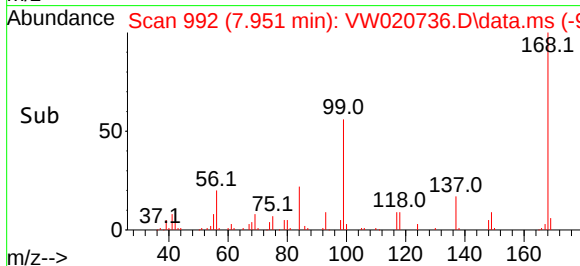


#31  
Cyclohexane  
Concen: 13.004 ug/l  
RT: 7.951 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

Instrument :  
MSVOA\_W  
ClientSampleId :

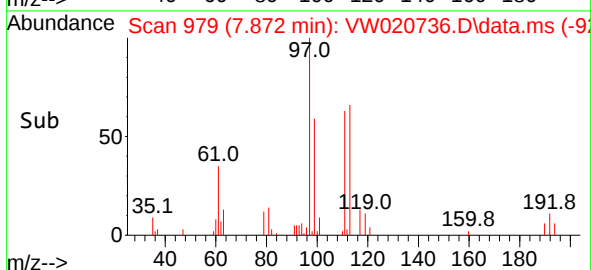
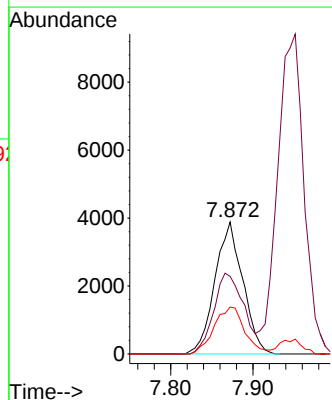
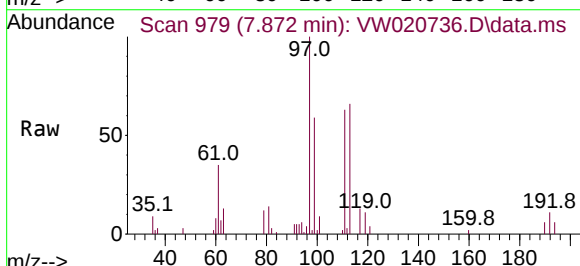


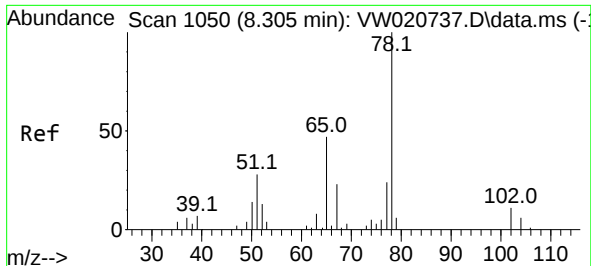
|             |            |       |       |
|-------------|------------|-------|-------|
| Tgt Ion: 56 | Resp: 7943 |       |       |
| Ion Ratio   | Lower      | Upper |       |
| 56          | 100        |       |       |
| 69          | 40.2       | 34.2  | 51.2  |
| 84          | 117.1      | 92.3  | 138.5 |



#32  
1,1,1-Trichloroethane  
Concen: 18.070 ug/l  
RT: 7.872 min Scan# 979  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

|             |            |       |  |
|-------------|------------|-------|--|
| Tgt Ion: 97 | Resp: 9160 |       |  |
| Ion Ratio   | Lower      | Upper |  |
| 97 100      |            |       |  |
| 99 65.1     | 52.1       | 78.1  |  |
| 61 39.1     | 30.2       | 45.2  |  |





#33

1,2-Dichloroethane-d4

Concen: 19.838 ug/l

RT: 8.305 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

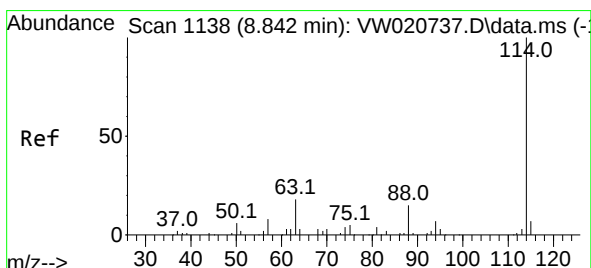
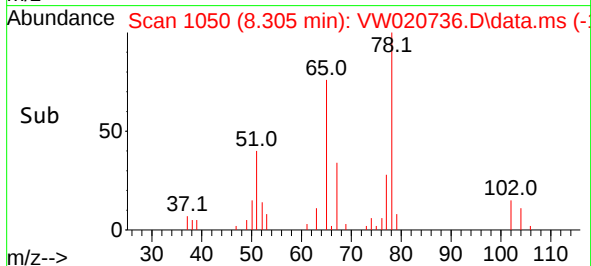
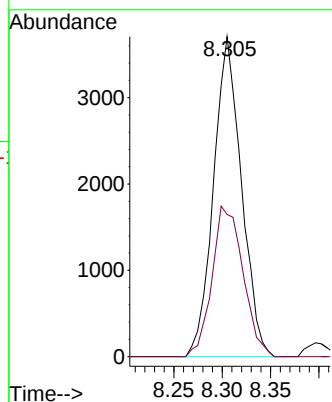
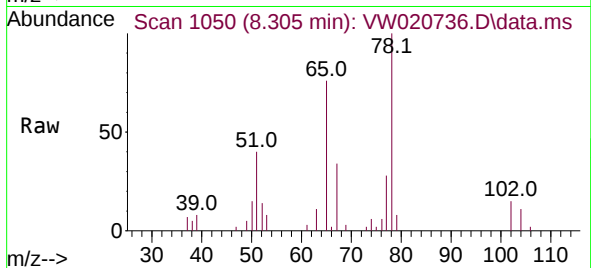
ClientSampleId :

Tgt Ion: 65 Resp: 7419

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.841 min Scan# 1138

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

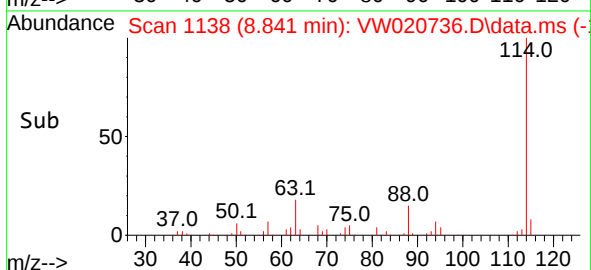
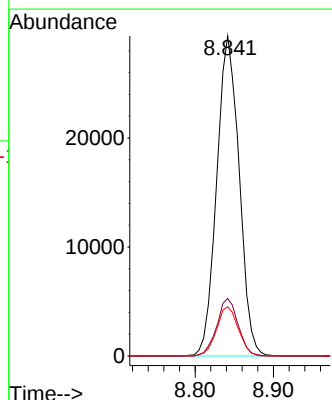
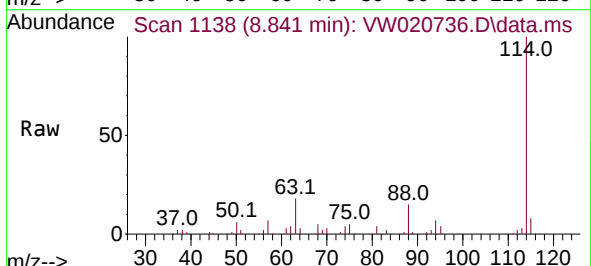
Tgt Ion: 114 Resp: 58451

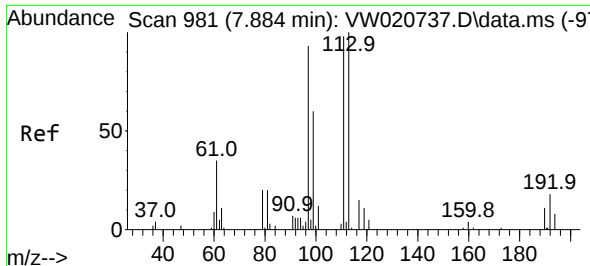
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.8

88 15.3 0.0 30.8

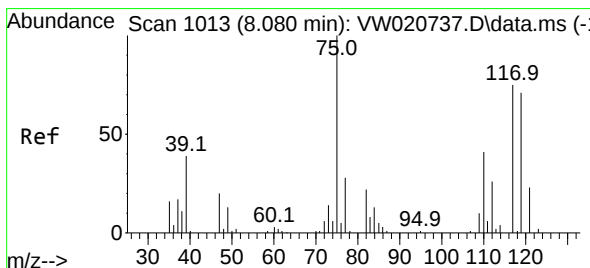
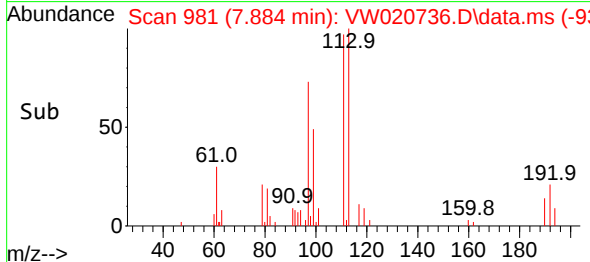
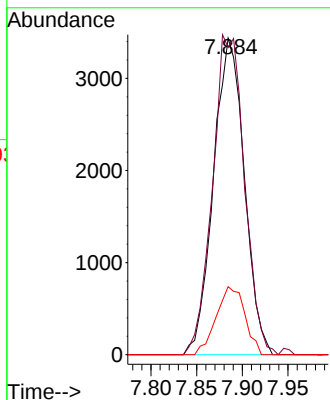
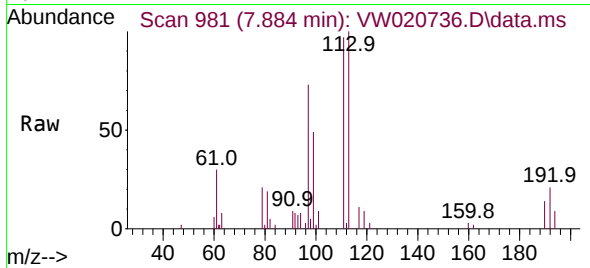




#35  
 Dibromofluoromethane  
 Concen: 23.335 ug/l  
 RT: 7.884 min Scan# 981  
 Delta R.T. -0.000 min  
 Lab File: VW020736.D  
 Acq: 01 Nov 2021 15:42

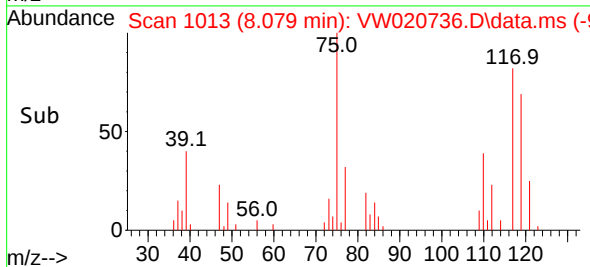
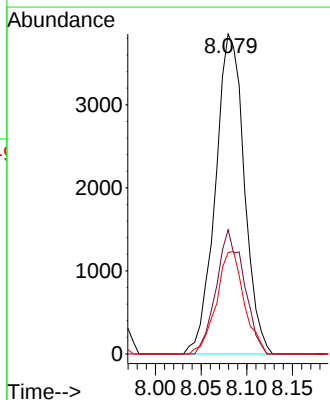
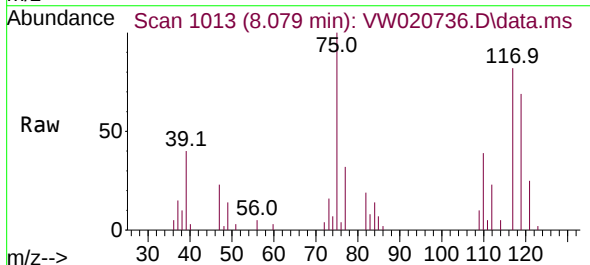
Instrument :  
 MSVOA\_W  
 ClientSampleId :

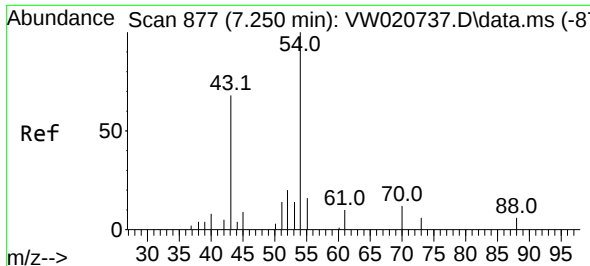
Tgt Ion:113 Resp: 8082  
 Ion Ratio Lower Upper  
 113 100  
 111 104.0 81.7 122.5  
 192 19.9 14.7 22.1



#36  
 1,1-Dichloropropene  
 Concen: 16.437 ug/l  
 RT: 8.079 min Scan# 1013  
 Delta R.T. -0.000 min  
 Lab File: VW020736.D  
 Acq: 01 Nov 2021 15:42

Tgt Ion: 75 Resp: 8460  
 Ion Ratio Lower Upper  
 75 100  
 110 37.2 20.3 60.8  
 77 30.9 24.2 36.4

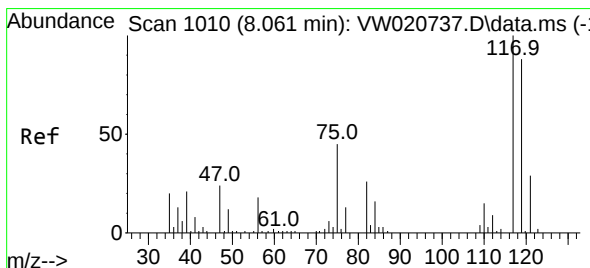
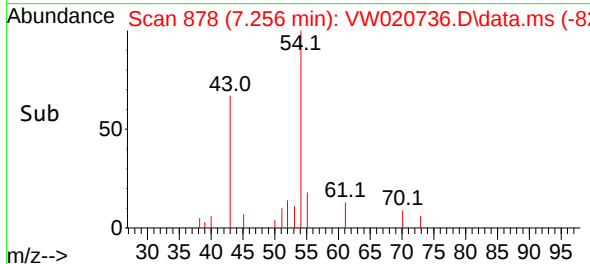
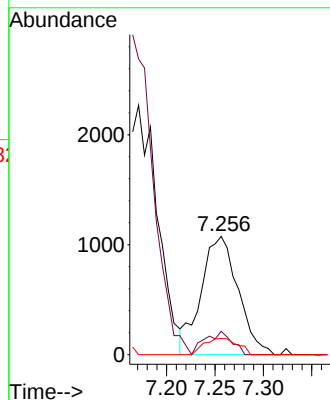
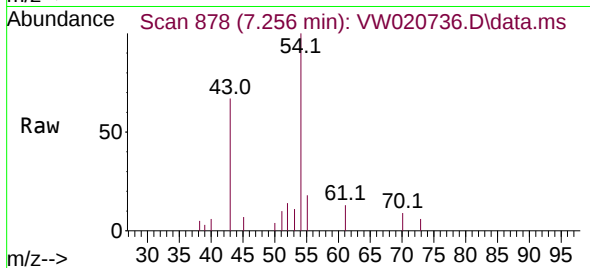




#37  
Ethyl Acetate  
Concen: 13.438 ug/l  
RT: 7.256 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

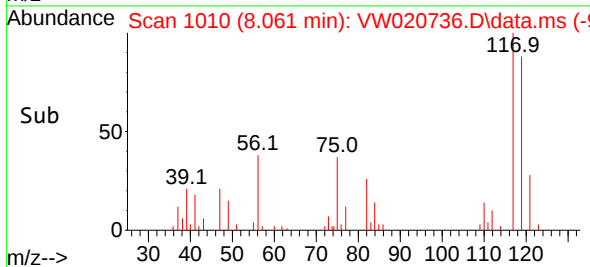
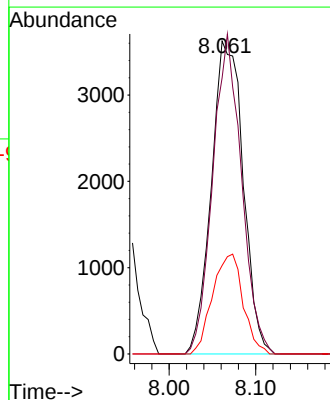
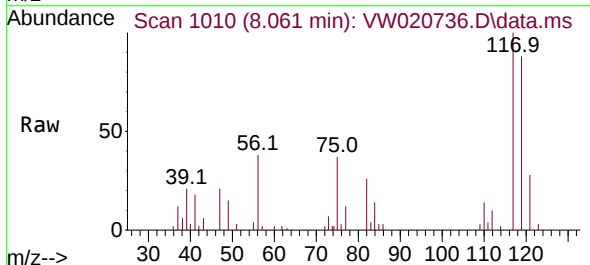
Instrument :  
MSVOA\_W  
ClientSampleId :

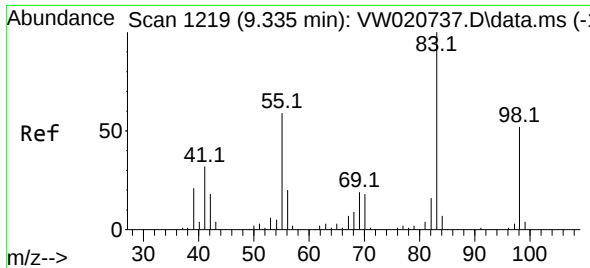
Tgt Ion: 43 Resp: 2864  
Ion Ratio Lower Upper  
43 100  
61 14.3 13.4 20.0  
70 12.4 11.4 17.0



#38  
Carbon Tetrachloride  
Concen: 19.009 ug/l  
RT: 8.061 min Scan# 1010  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

Tgt Ion: 117 Resp: 9225  
Ion Ratio Lower Upper  
117 100  
119 88.3 70.6 106.0  
121 28.3 23.3 34.9





#39

Methylcyclohexane

Concen: 15.455 ug/l

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

ClientSampleId :

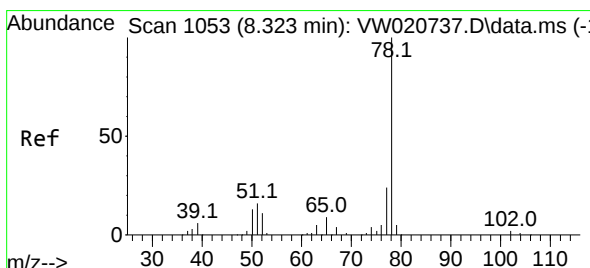
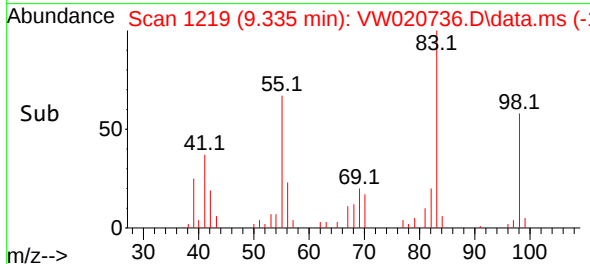
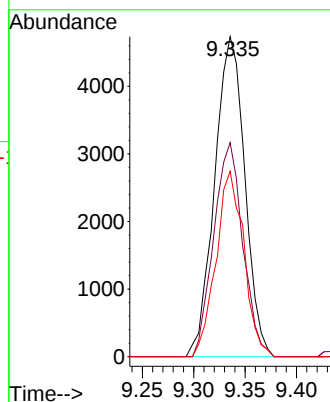
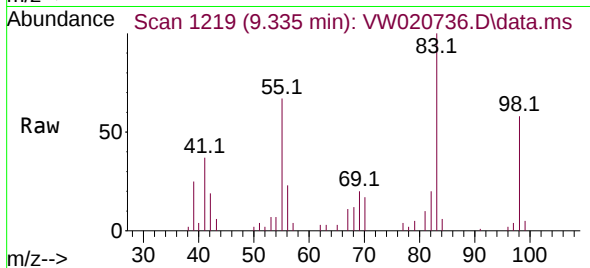
Tgt Ion: 83 Resp: 9660

Ion Ratio Lower Upper

83 100

55 66.9 47.4 71.0

98 57.9 41.8 62.6



#40

Benzene

Concen: 16.535 ug/l

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW020736.D

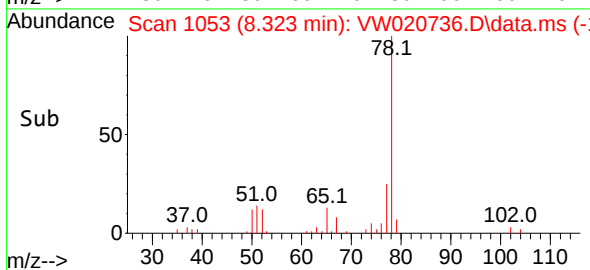
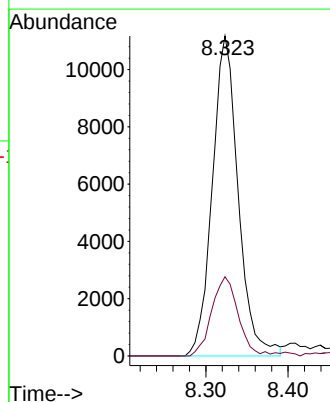
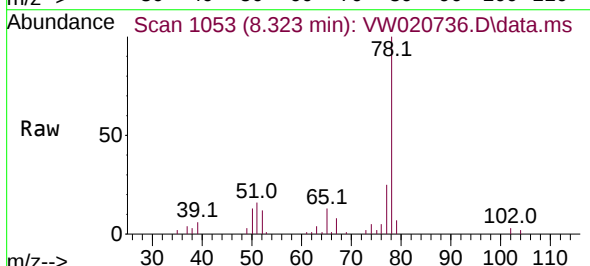
Acq: 01 Nov 2021 15:42

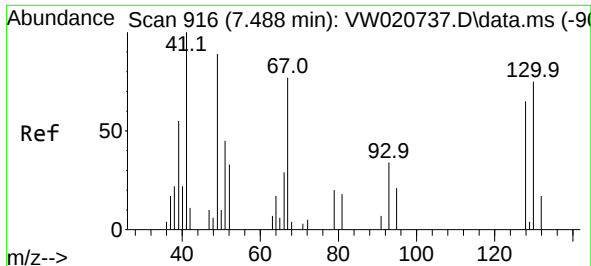
Tgt Ion: 78 Resp: 24448

Ion Ratio Lower Upper

78 100

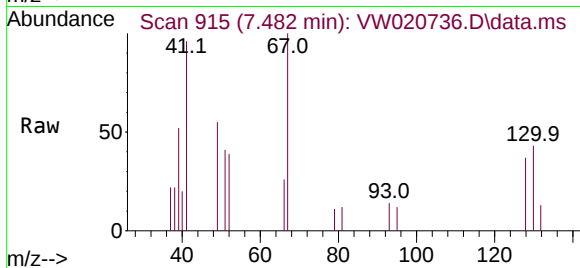
77 24.8 19.0 28.4



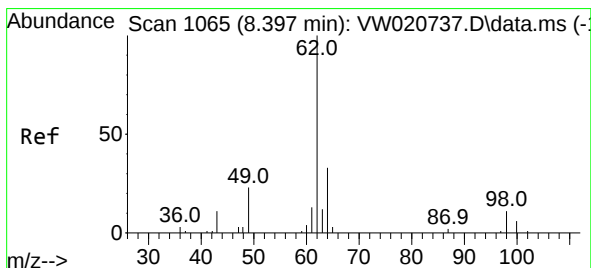
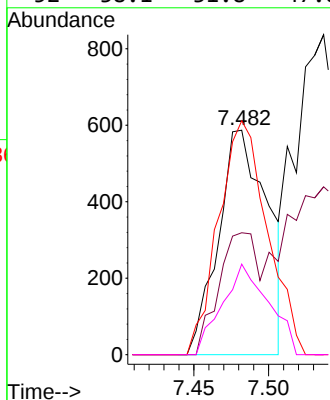
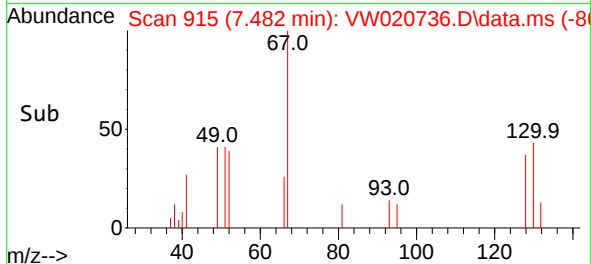


#41  
Methacrylonitrile  
Concen: 10.812 ug/l  
RT: 7.482 min Scan# 916  
Delta R.T. -0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

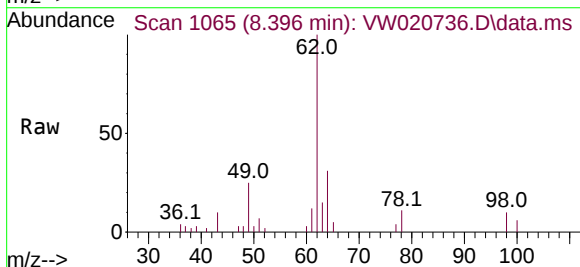
Instrument :  
MSVOA\_W  
ClientSampleId :



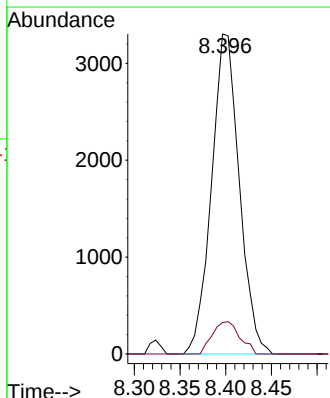
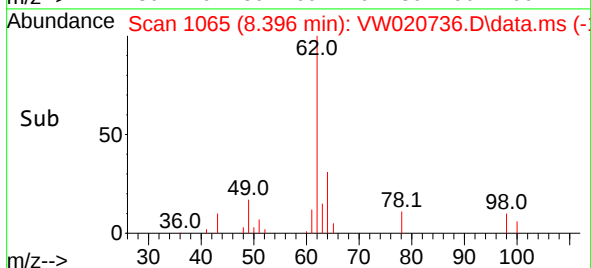
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 43.5  | 51.6  | 77.4# |
| 67      | 103.4 | 81.0  | 121.4 |
| 52      | 38.1  | 31.8  | 47.8  |

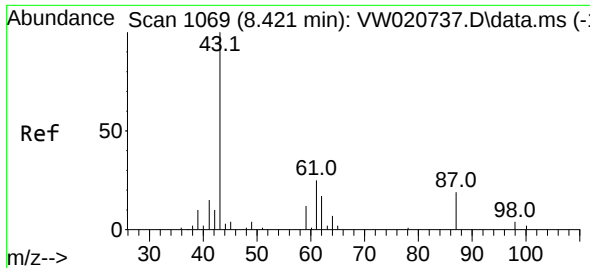


#42  
1,2-Dichloroethane  
Concen: 15.519 ug/l  
RT: 8.396 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.9   | 0.0   | 21.6  |

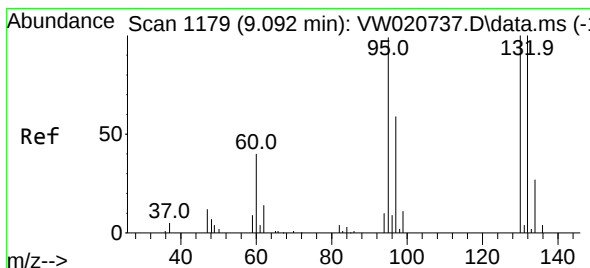
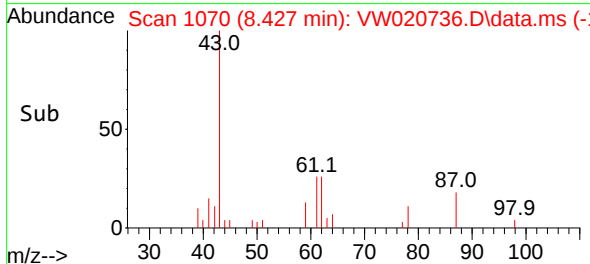
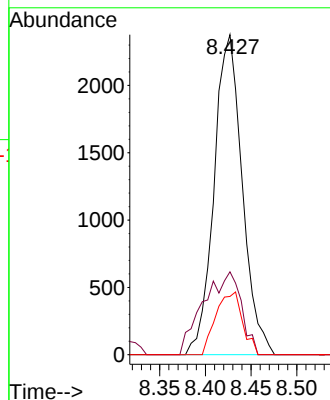
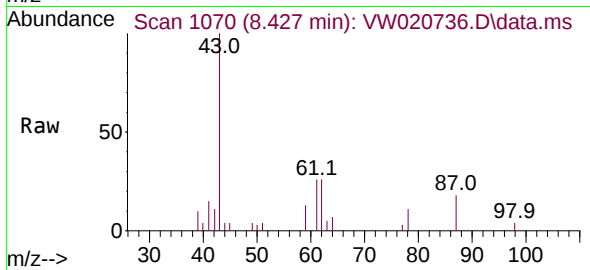




#43  
Isopropyl Acetate  
Concen: 12.559 ug/l  
RT: 8.427 min Scan# 1069  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

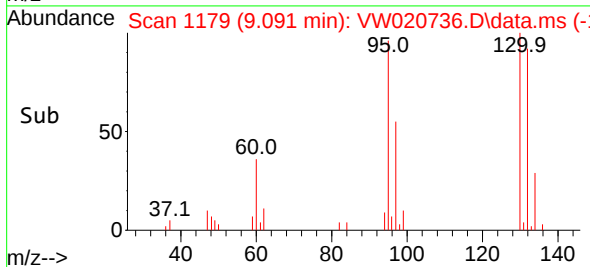
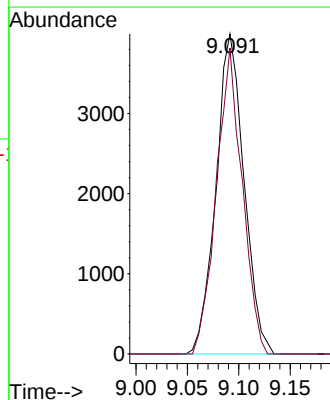
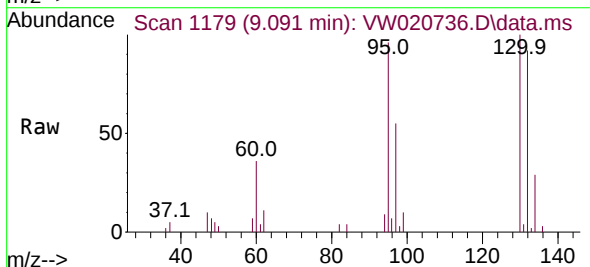
Instrument :  
MSVOA\_W  
ClientSampleId :

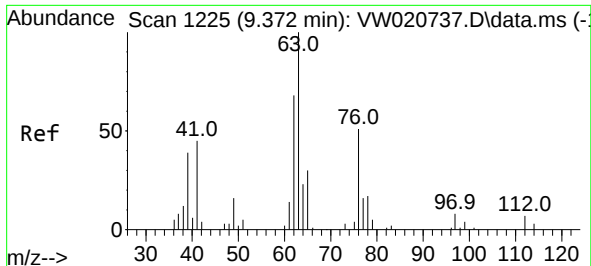
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 34.8  | 30.0  | 45.0  |
| 87      | 18.4  | 15.0  | 22.4  |



#44  
Trichloroethene  
Concen: 19.126 ug/l  
RT: 9.091 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 95.6  | 0.0   | 198.6 |





#45

1,2-Dichloropropane

Concen: 16.309 ug/l

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

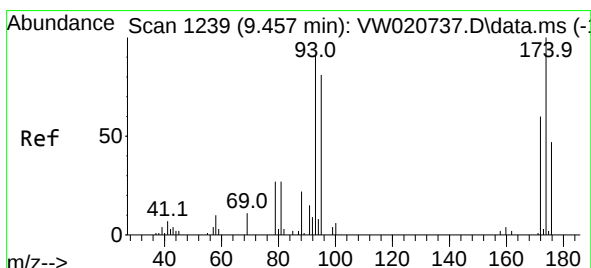
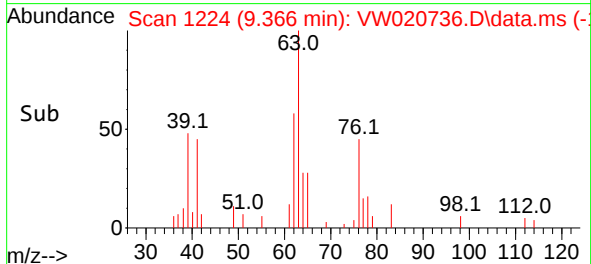
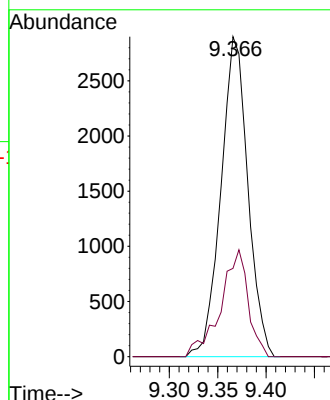
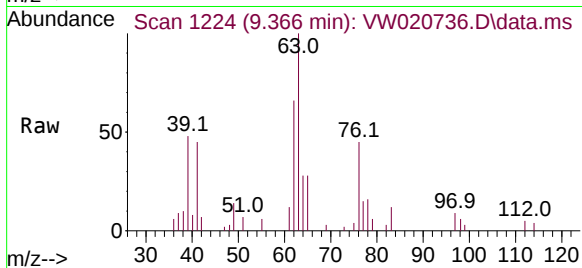
ClientSampleId :

Tgt Ion: 63 Resp: 5611

Ion Ratio Lower Upper

63 100

65 27.6 24.2 36.2



#46

Dibromomethane

Concen: 19.408 ug/l

RT: 9.463 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

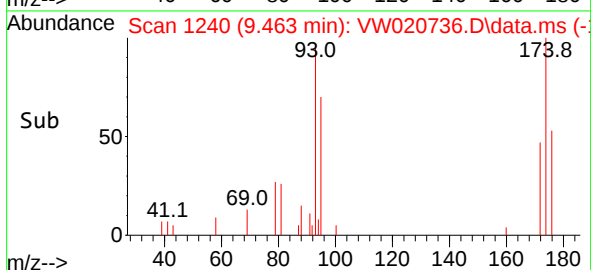
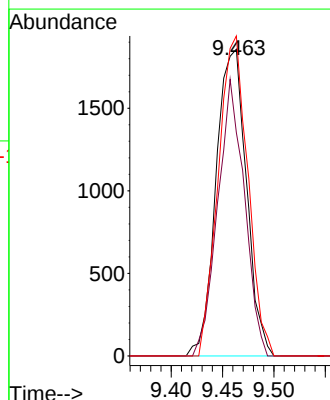
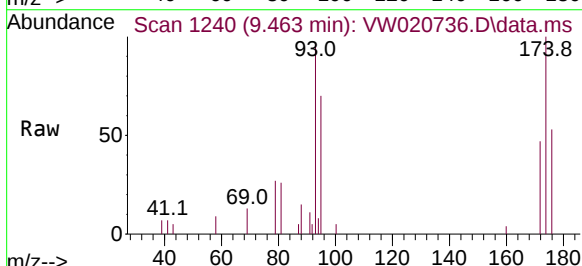
Tgt Ion: 93 Resp: 3807

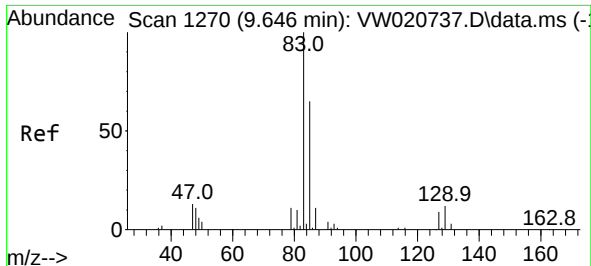
Ion Ratio Lower Upper

93 100

95 79.4 68.6 103.0

174 101.6 87.8 131.8

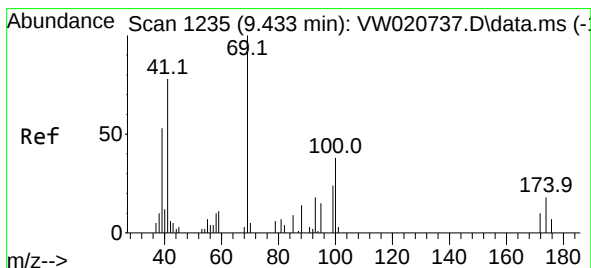
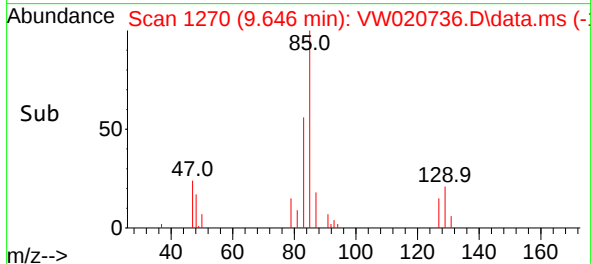
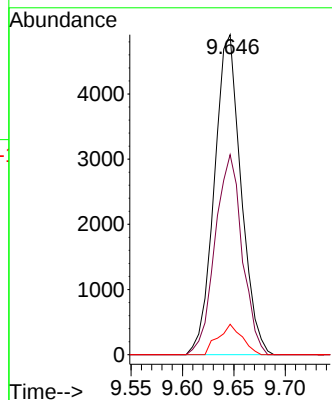
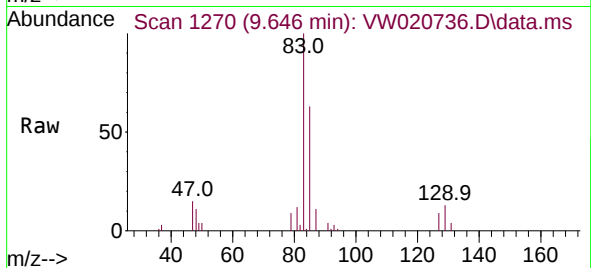




#47  
Bromodichloromethane  
Concen: 18.037 ug/l  
RT: 9.646 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

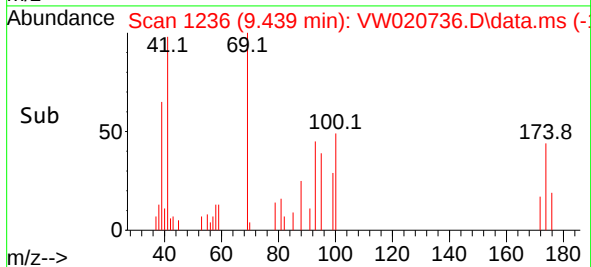
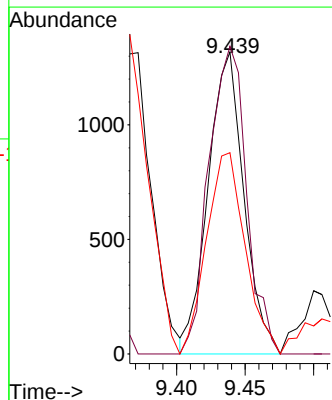
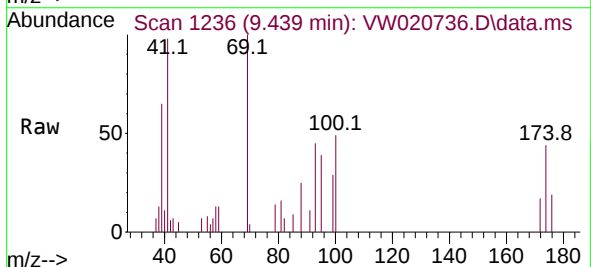
Instrument :  
MSVOA\_W  
ClientSampleId :

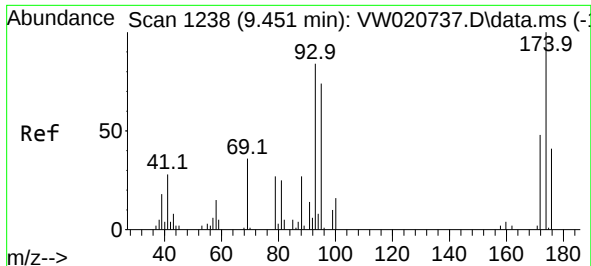
Tgt Ion: 83 Resp: 8853  
Ion Ratio Lower Upper  
83 100  
85 62.5 51.9 77.9  
127 9.5 7.6 11.4



#48  
Methyl methacrylate  
Concen: 12.071 ug/l  
RT: 9.439 min Scan# 1236  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

Tgt Ion: 41 Resp: 2394  
Ion Ratio Lower Upper  
41 100  
69 107.2 96.4 144.6  
39 71.9 51.9 77.9





#49

1,4-Dioxane

Concen: 350.853 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

ClientSampleId :

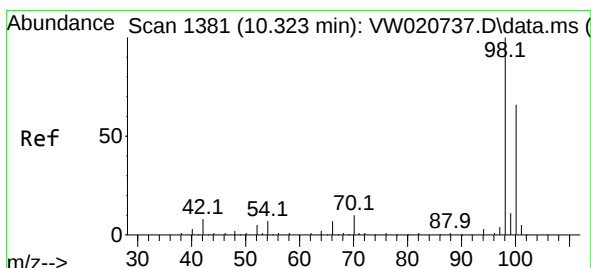
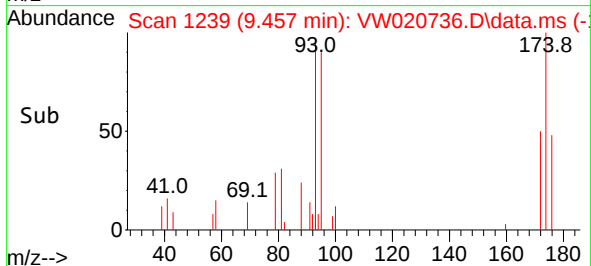
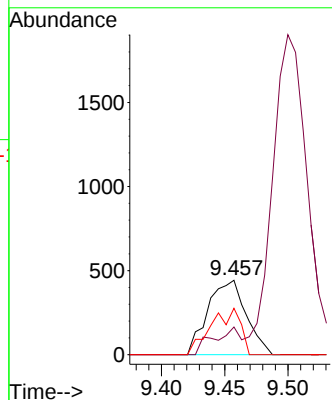
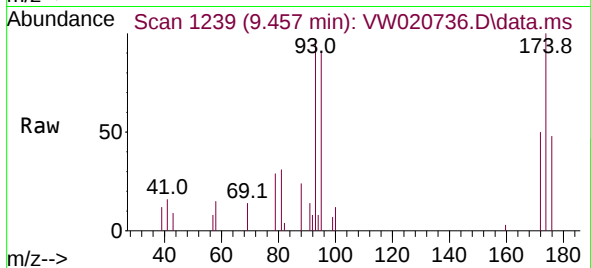
Tgt Ion: 88 Resp: 932

Ion Ratio Lower Upper

88 100

43 25.8 19.0 28.6

58 48.5 46.2 69.4



#50

Toluene-d8

Concen: 22.548 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VW020736.D

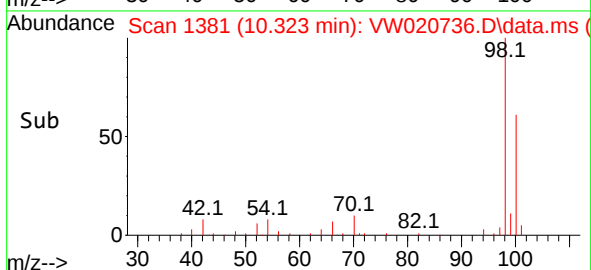
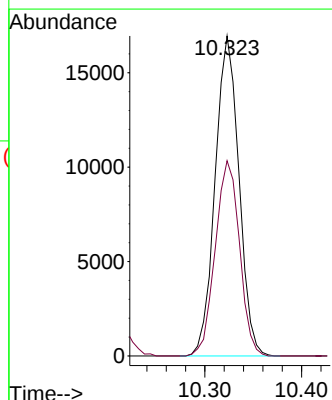
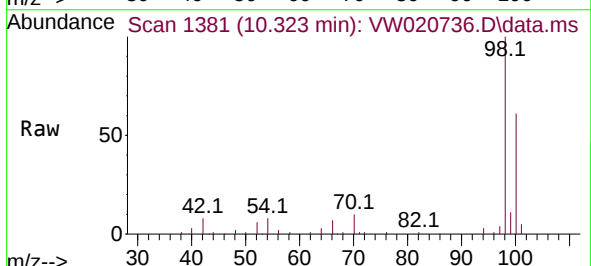
Acq: 01 Nov 2021 15:42

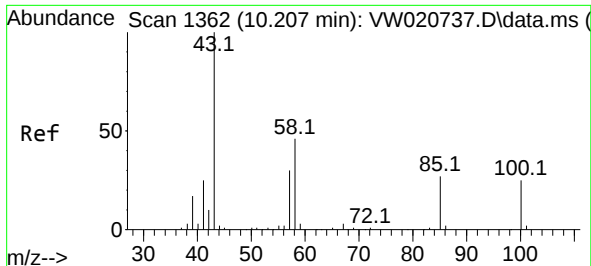
Tgt Ion: 98 Resp: 28919

Ion Ratio Lower Upper

98 100

100 62.1 50.2 75.4





#51

4-Methyl-2-Pentanone

Concen: 64.009 ug/l

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

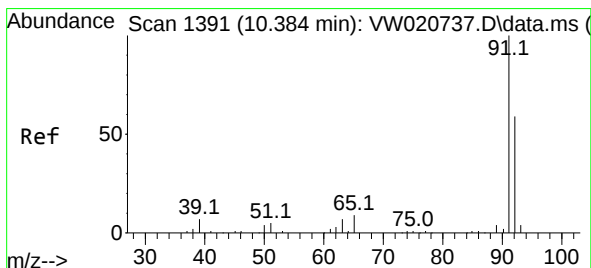
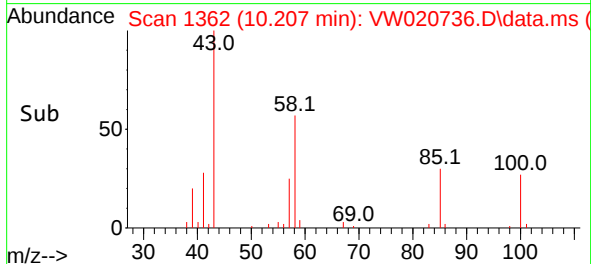
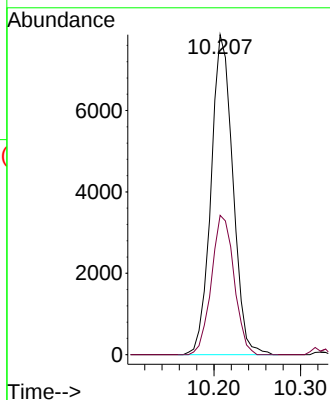
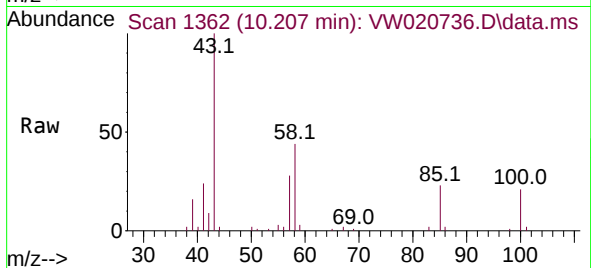
ClientSampleId :

Tgt Ion: 43 Resp: 13777

Ion Ratio Lower Upper

43 100

58 45.1 37.4 56.2



#52

Toluene

Concen: 18.093 ug/l

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW020736.D

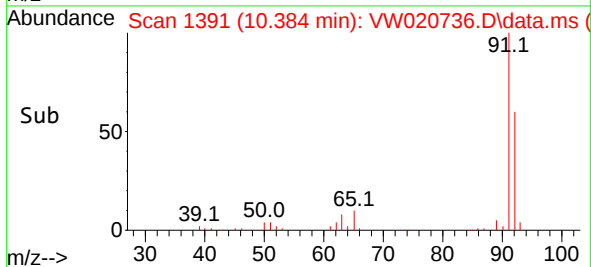
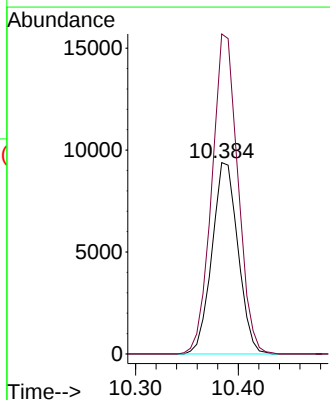
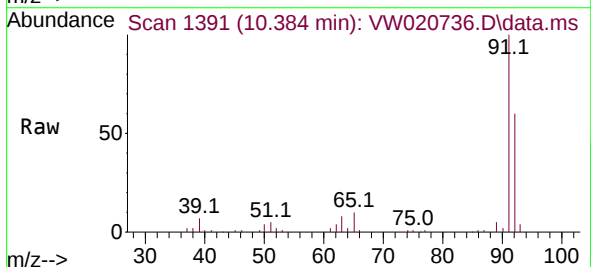
Acq: 01 Nov 2021 15:42

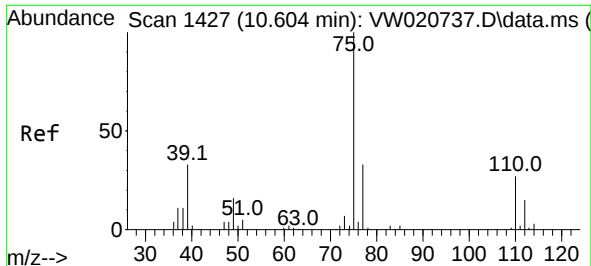
Tgt Ion: 92 Resp: 16453

Ion Ratio Lower Upper

92 100

91 167.8 144.3 216.5





#53

t-1,3-Dichloropropene

Concen: 16.519 ug/l

RT: 10.609 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

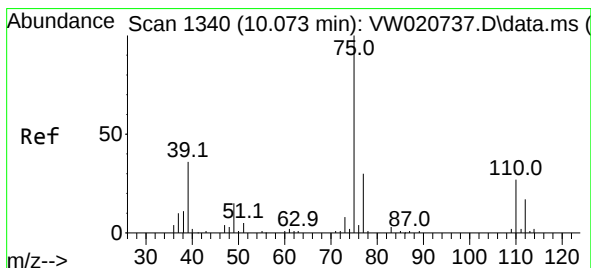
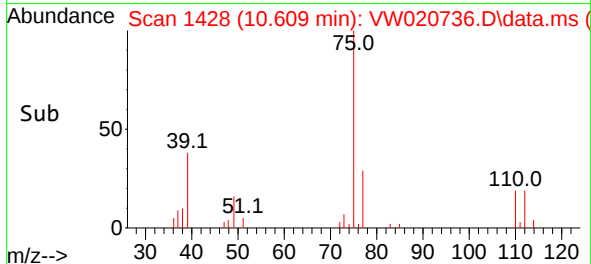
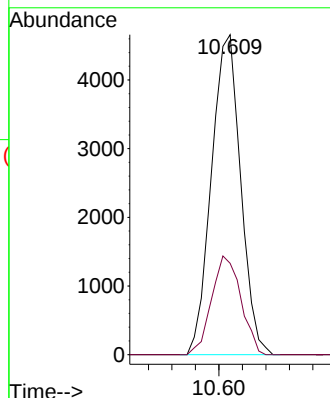
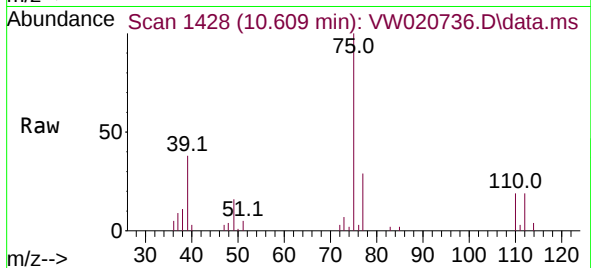
ClientSampleId :

Tgt Ion: 75 Resp: 8037

Ion Ratio Lower Upper

75 100

77 28.5 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 16.563 ug/l

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

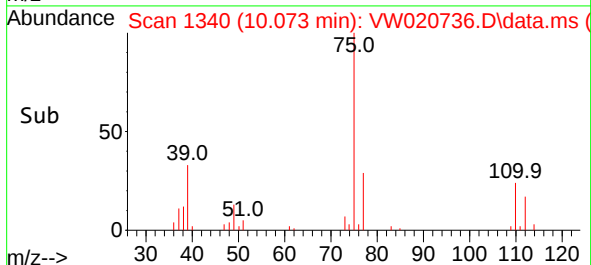
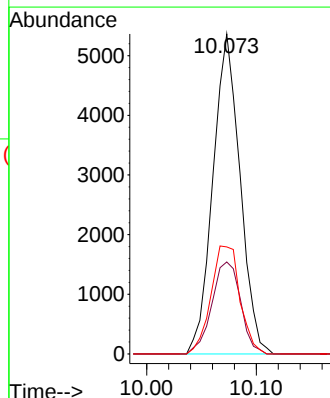
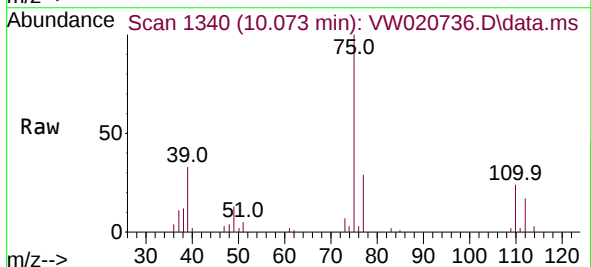
Tgt Ion: 75 Resp: 9217

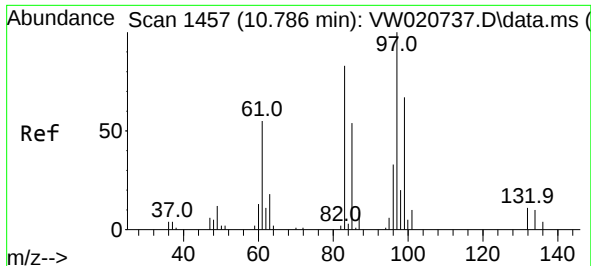
Ion Ratio Lower Upper

75 100

77 28.7 24.2 36.4

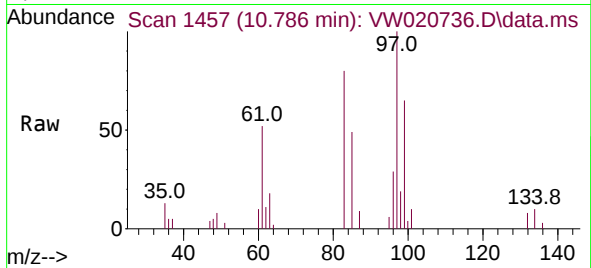
39 33.5 29.2 43.8



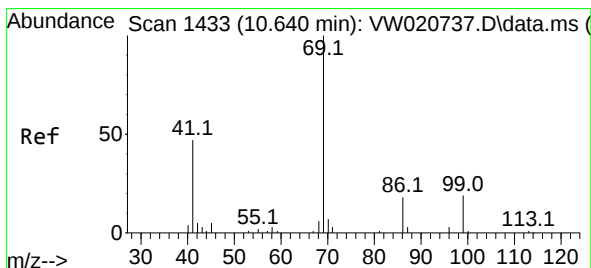
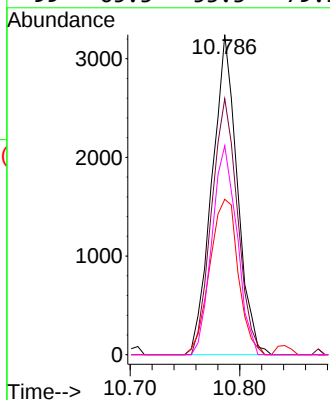
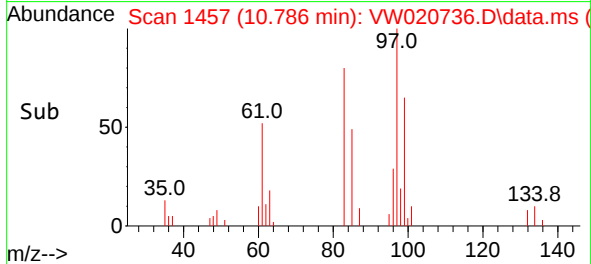


#55  
1,1,2-Trichloroethane  
Concen: 18.993 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

Instrument :  
MSVOA\_W  
ClientSampleId :

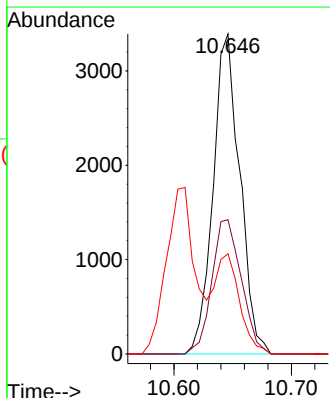
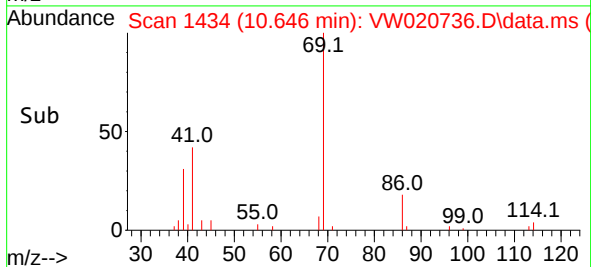
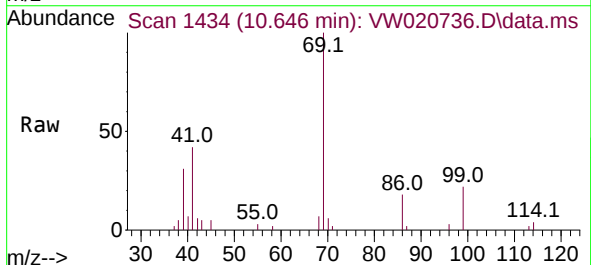


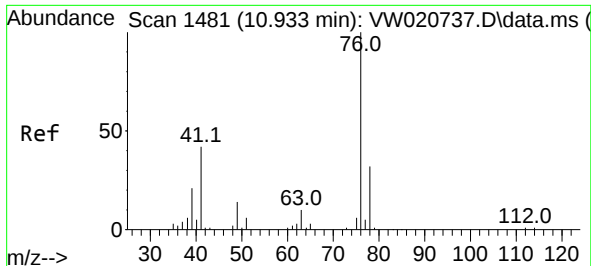
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 5203  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.0  | 66.5  | 99.7  |
| 85       | 48.6  | 43.0  | 64.6  |
| 99       | 65.3  | 53.3  | 79.9  |



#56  
Ethyl methacrylate  
Concen: 16.129 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 5359  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 46.2  | 39.2  | 58.8  |
| 39       | 29.4  | 26.5  | 39.7  |





#57

1,3-Dichloropropane

Concen: 17.501 ug/l

RT: 10.933 min Scan# 1481

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

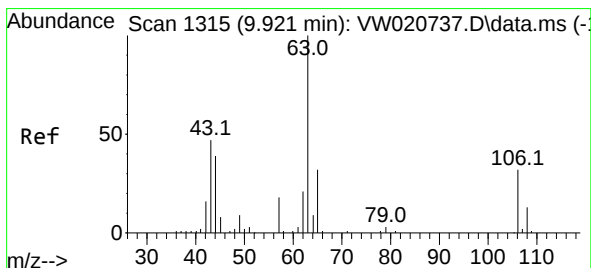
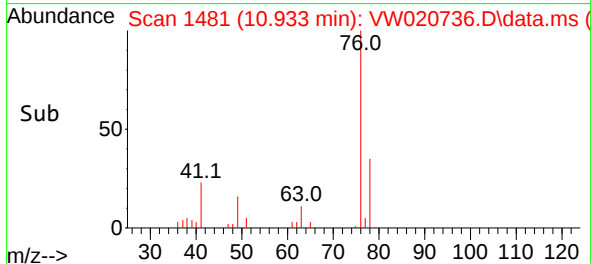
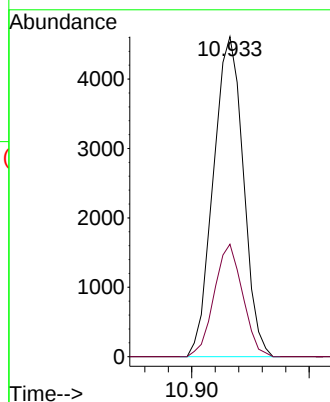
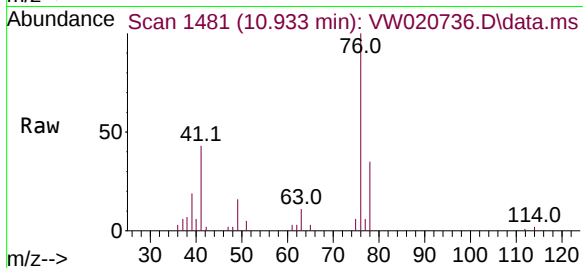
ClientSampleId :

Tgt Ion: 76 Resp: 8171

Ion Ratio Lower Upper

76 100

78 33.4 26.7 40.1



#58

2-Chloroethyl Vinyl ether

Concen: 93.412 ug/l

RT: 9.927 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VW020736.D

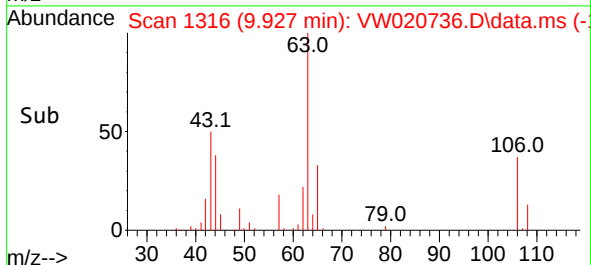
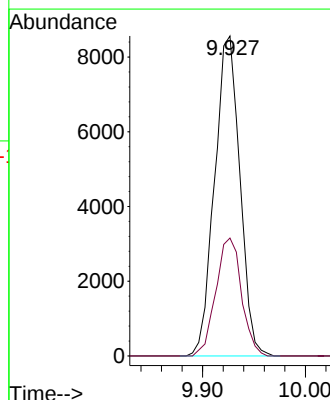
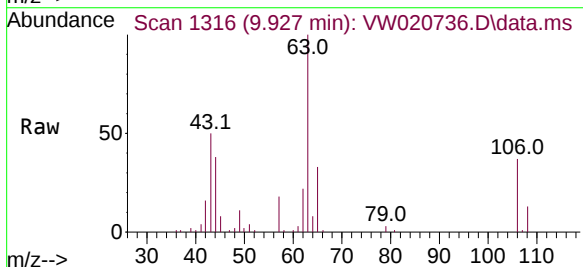
Acq: 01 Nov 2021 15:42

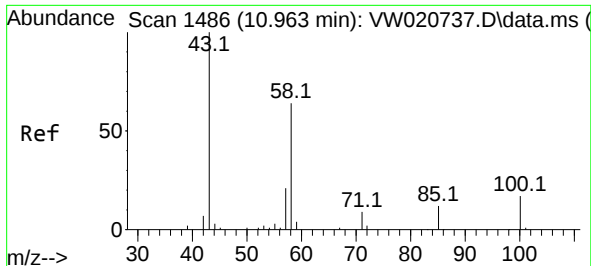
Tgt Ion: 63 Resp: 14614

Ion Ratio Lower Upper

63 100

106 37.4 27.4 41.0





#59

2-Hexanone

Concen: 60.173 ug/l

RT: 10.969 min Scan# 1486

Delta R.T. 0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

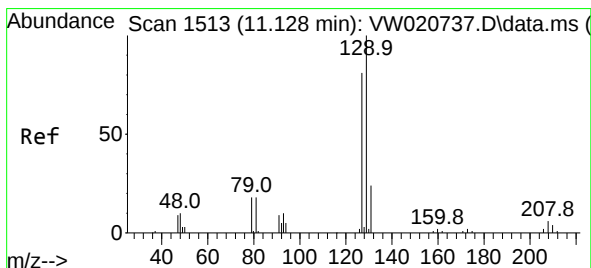
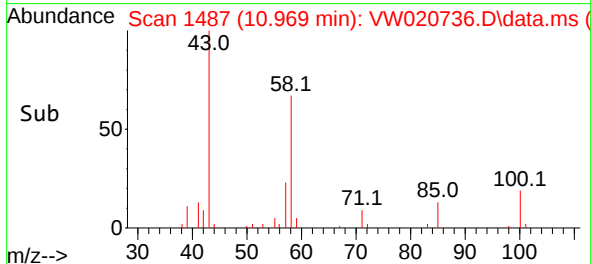
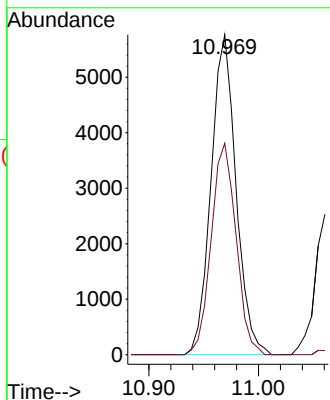
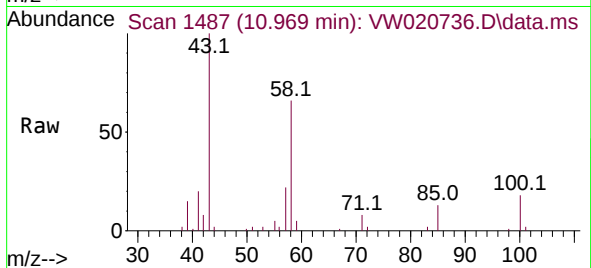
ClientSampleId :

Tgt Ion: 43 Resp: 9133

Ion Ratio Lower Upper

43 100

58 65.7 32.5 97.4



#60

Dibromochloromethane

Concen: 19.446 ug/l

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW020736.D

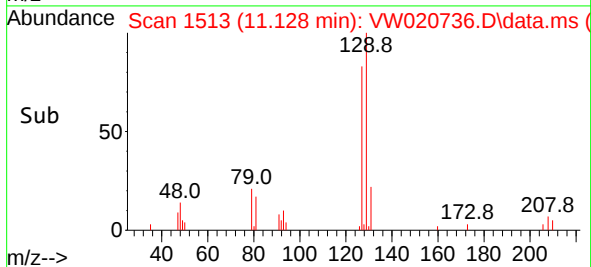
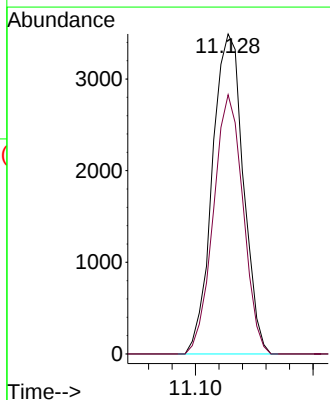
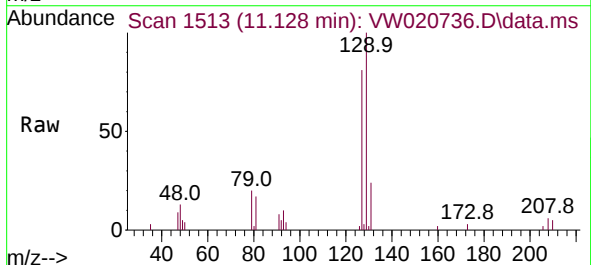
Acq: 01 Nov 2021 15:42

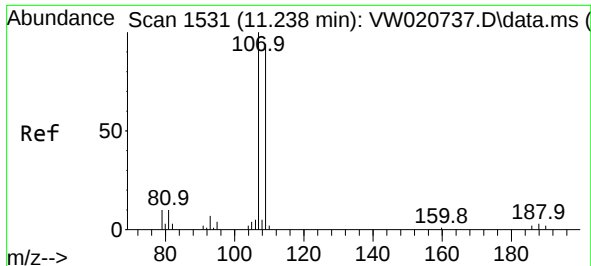
Tgt Ion:129 Resp: 6398

Ion Ratio Lower Upper

129 100

127 77.5 39.4 118.1





#61

1,2-Dibromoethane

Concen: 19.066 ug/l

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

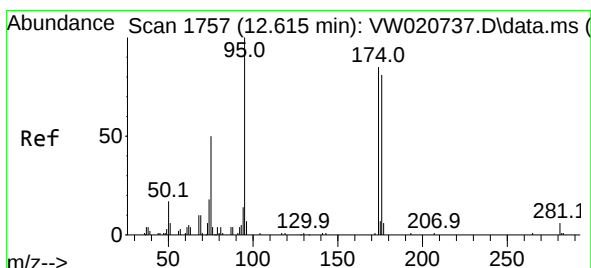
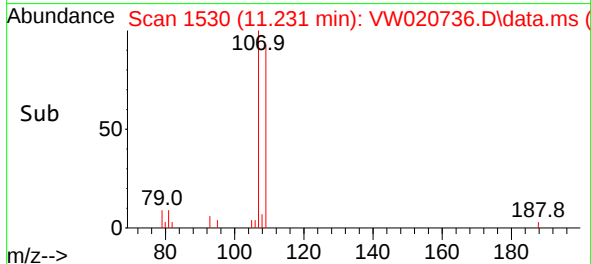
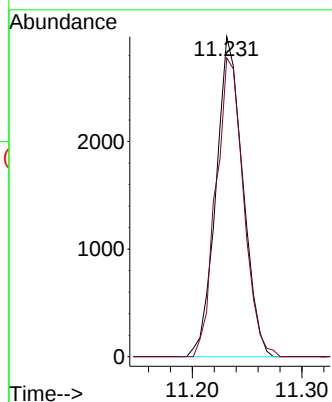
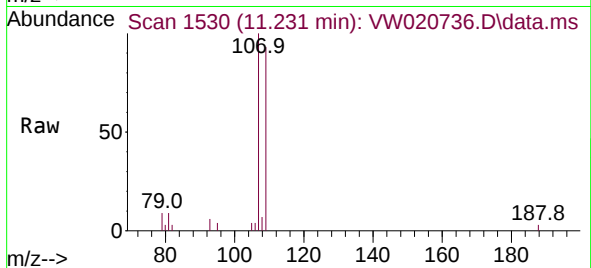
ClientSampleId :

Tgt Ion:107 Resp: 5065

Ion Ratio Lower Upper

107 100

109 95.5 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 20.505 ug/l

RT: 12.615 min Scan# 1757

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

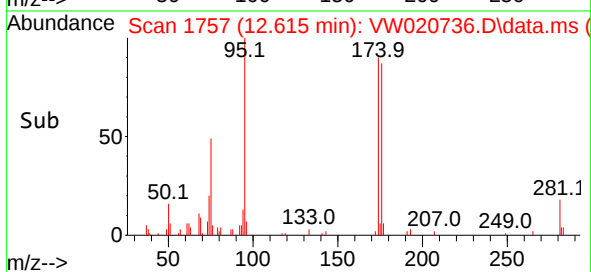
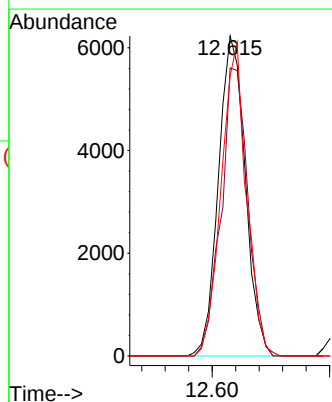
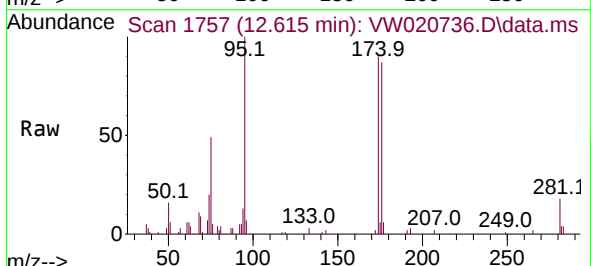
Tgt Ion: 95 Resp: 9858

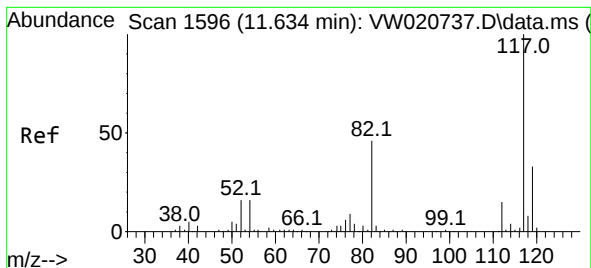
Ion Ratio Lower Upper

95 100

174 90.6 0.0 182.8

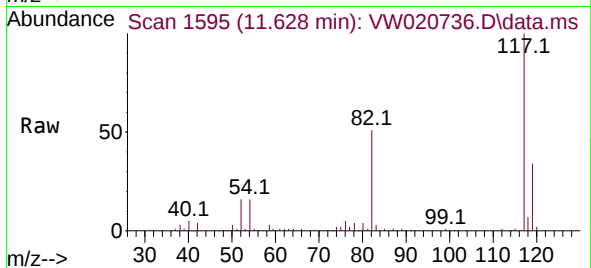
176 91.7 0.0 170.4



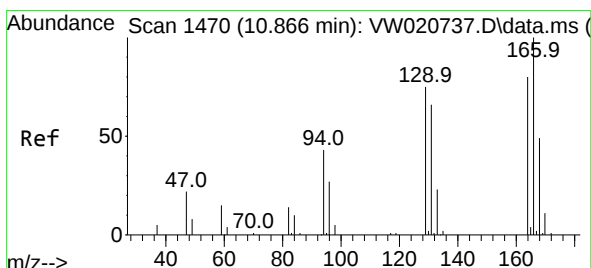
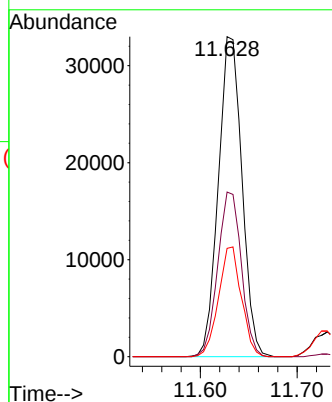
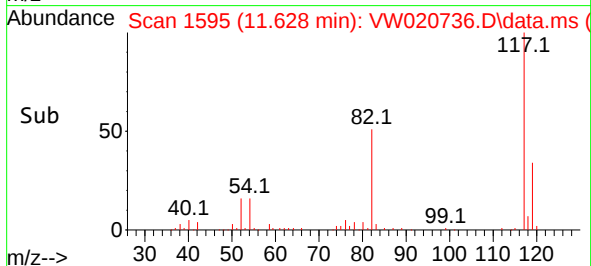


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.628 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

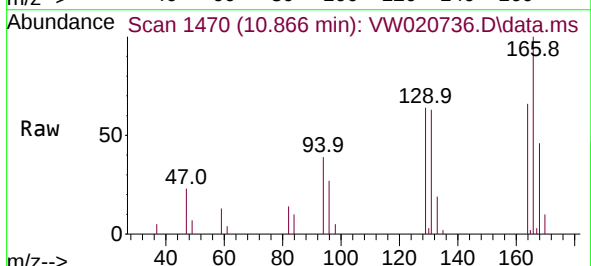
Instrument :  
MSVOA\_W  
ClientSampleId :



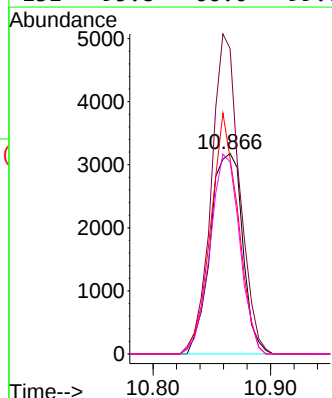
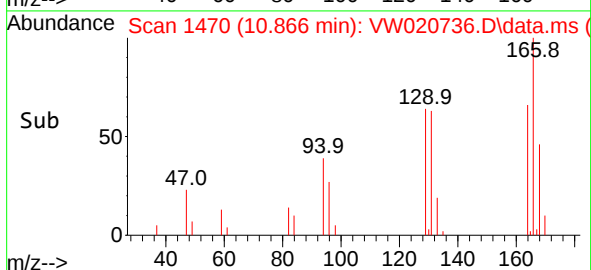
Tgt Ion:117 Resp: 55871  
Ion Ratio Lower Upper  
117 100  
82 51.5 37.0 55.4  
119 33.8 26.0 39.0

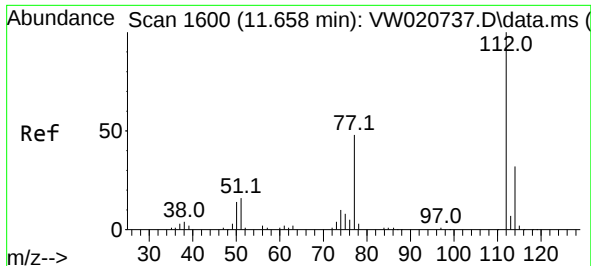


#64  
Tetrachloroethene  
Concen: 17.018 ug/l  
RT: 10.866 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42



Tgt Ion:164 Resp: 6054  
Ion Ratio Lower Upper  
164 100  
166 152.2 100.5 150.7#  
129 97.2 75.5 113.3  
131 95.8 66.0 99.0

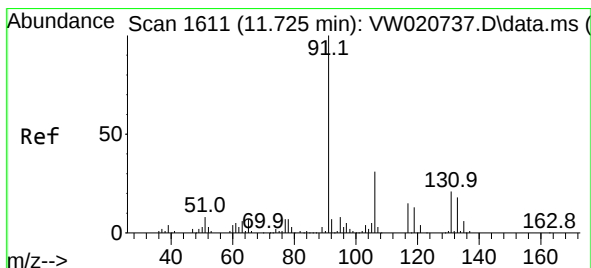
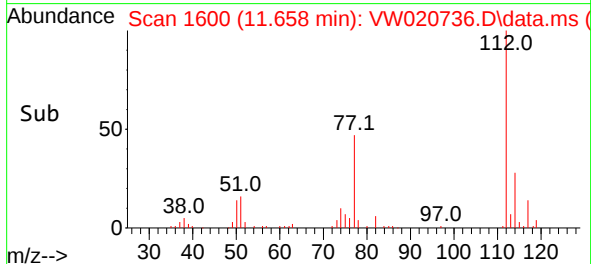
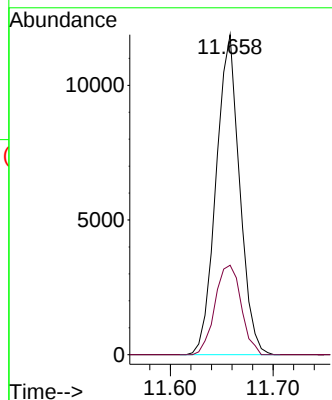
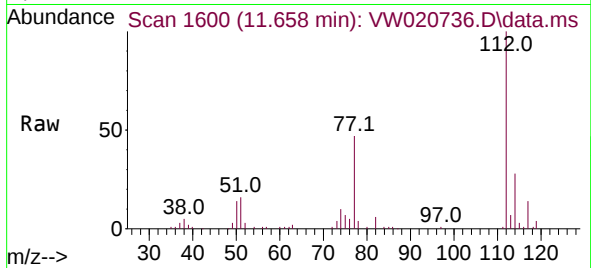




#65  
Chlorobenzene  
Concen: 18.508 ug/l  
RT: 11.658 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

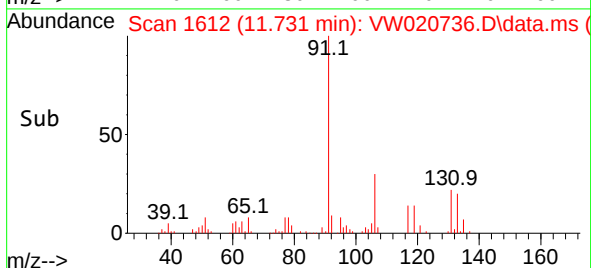
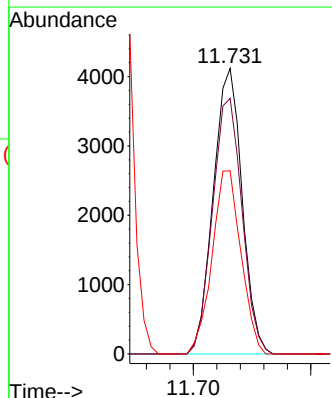
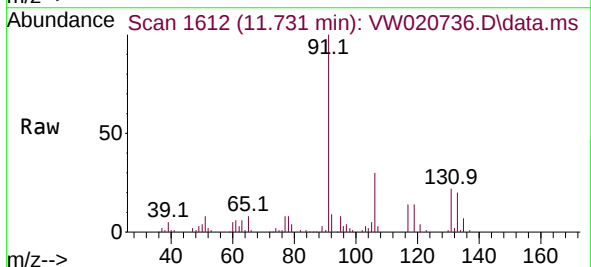
Instrument :  
MSVOA\_W  
ClientSampleId :

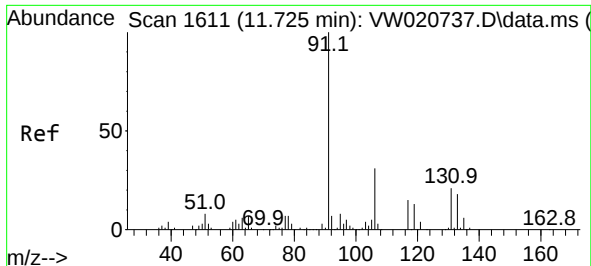
Tgt Ion:112 Resp: 18844  
Ion Ratio Lower Upper  
112 100  
114 27.9 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.809 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

Tgt Ion:131 Resp: 7018  
Ion Ratio Lower Upper  
131 100  
133 91.7 45.9 137.6  
119 64.3 32.1 96.3





#67

Ethyl Benzene

Concen: 17.111 ug/l

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

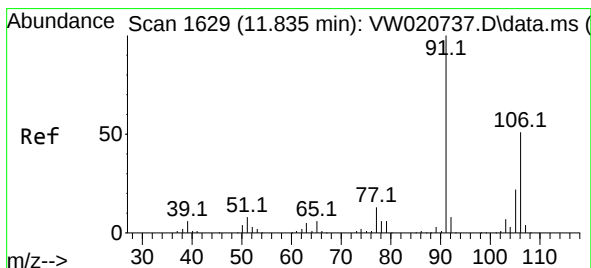
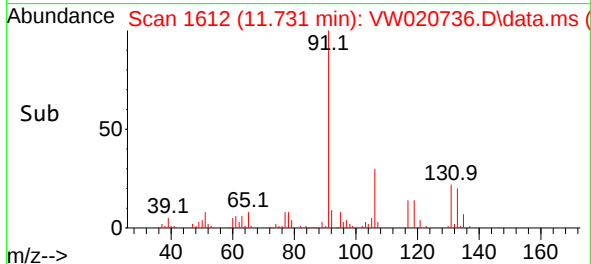
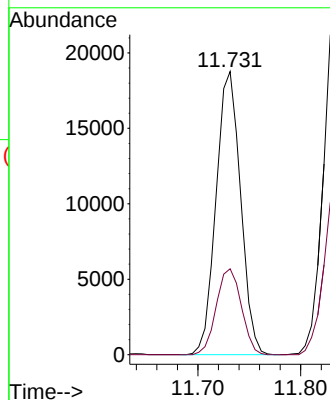
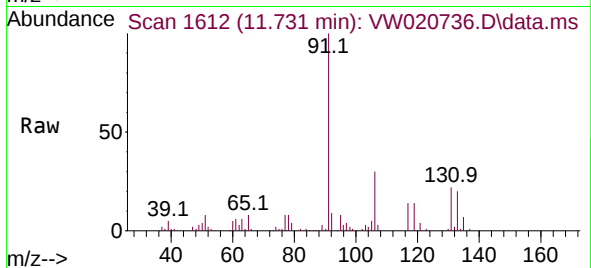
ClientSampleId :

Tgt Ion: 91 Resp: 31042

Ion Ratio Lower Upper

91 100

106 30.4 24.5 36.7



#68

m/p-Xylenes

Concen: 35.043 ug/l

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW020736.D

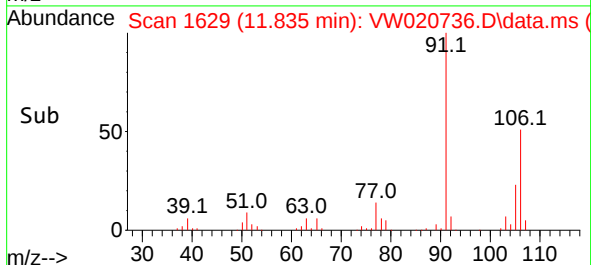
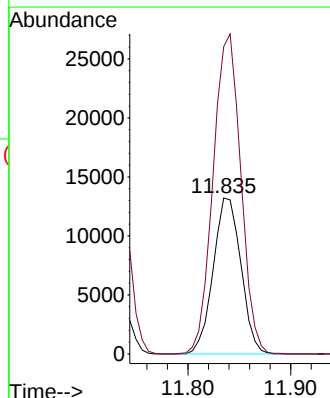
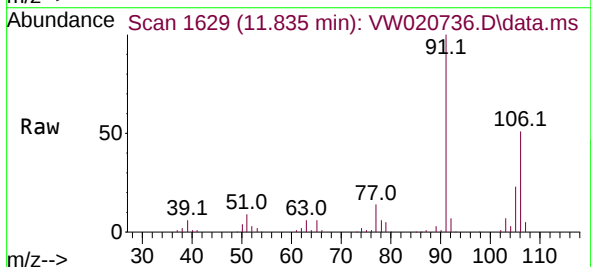
Acq: 01 Nov 2021 15:42

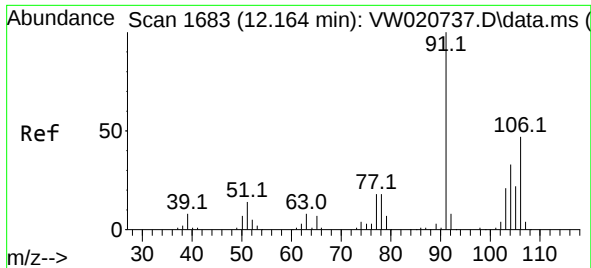
Tgt Ion:106 Resp: 24747

Ion Ratio Lower Upper

106 100

91 205.0 157.8 236.8

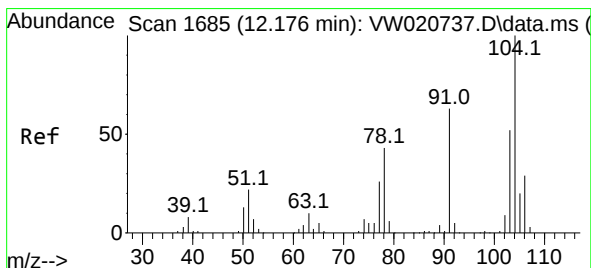
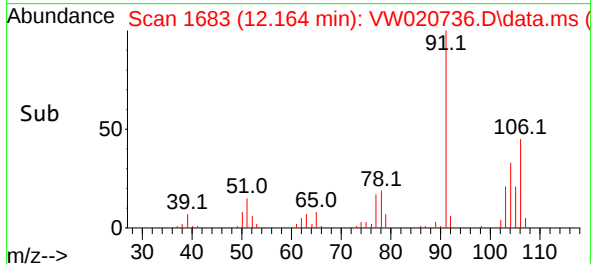
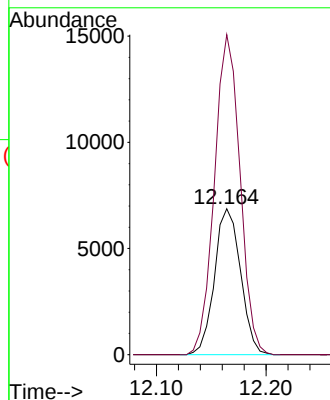
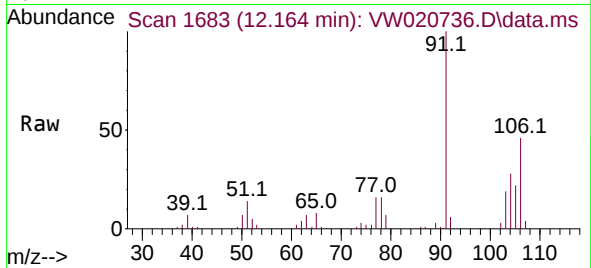




#69  
o-Xylene  
Concen: 17.362 ug/l  
RT: 12.164 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

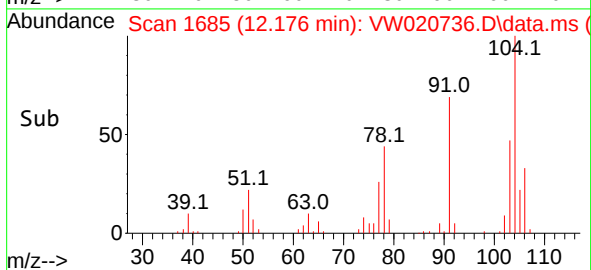
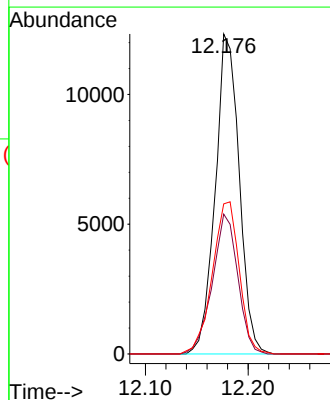
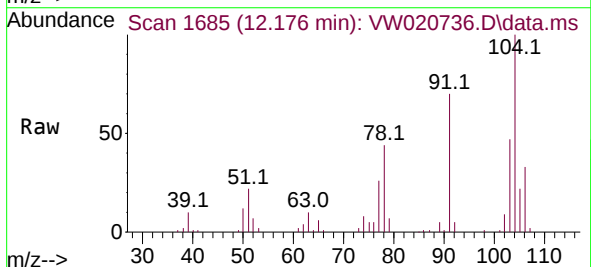
Instrument :  
MSVOA\_W  
ClientSampleId :

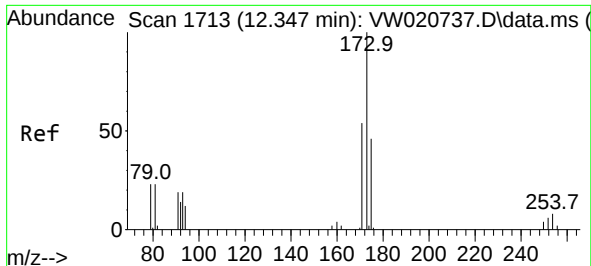
Tgt Ion:106 Resp: 11347  
Ion Ratio Lower Upper  
106 100  
91 215.3 103.6 310.8



#70  
Styrene  
Concen: 17.788 ug/l  
RT: 12.176 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

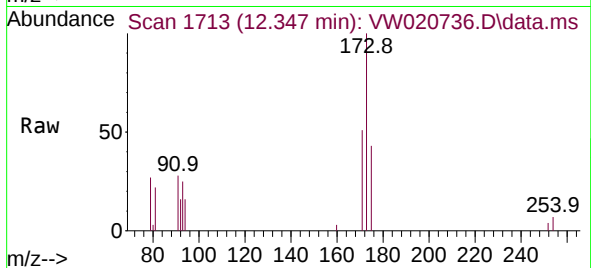
Tgt Ion:104 Resp: 19937  
Ion Ratio Lower Upper  
104 100  
78 46.4 36.4 54.6  
103 53.1 45.0 67.6



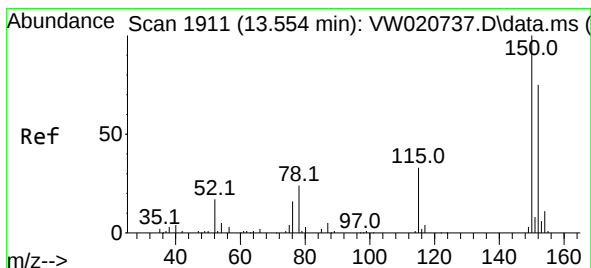
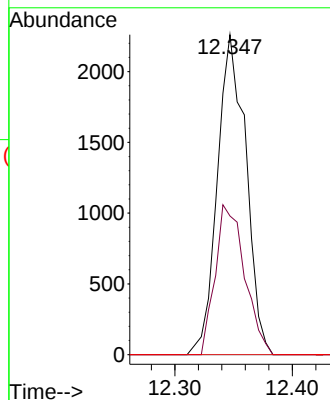
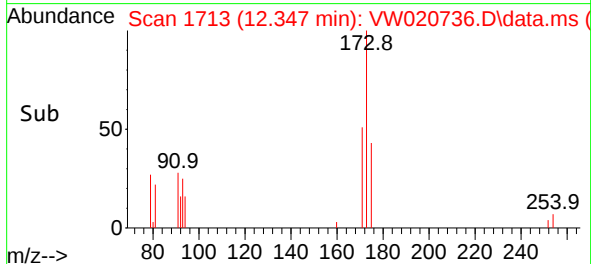


#71  
Bromoform  
Concen: 18.441 ug/l  
RT: 12.347 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

Instrument :  
MSVOA\_W  
ClientSampleId :

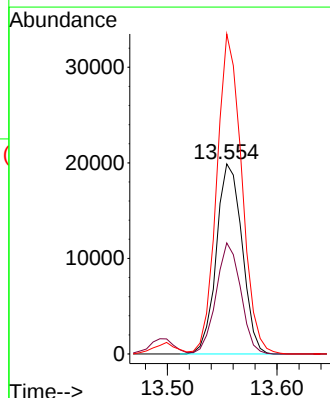
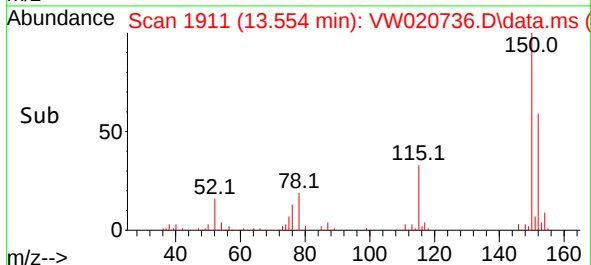
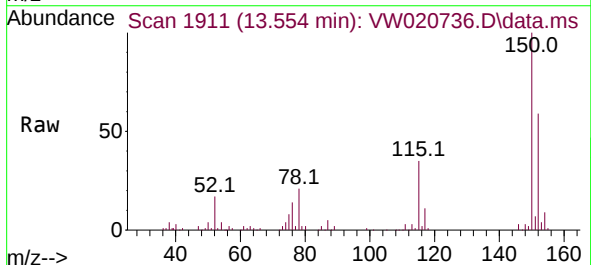


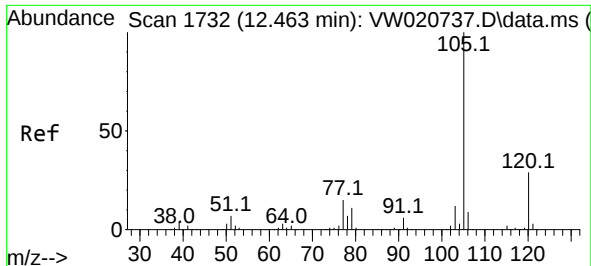
Tgt Ion:173 Resp: 3814  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.8 74.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.554 min Scan# 1911  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

Tgt Ion:152 Resp: 32423  
Ion Ratio Lower Upper  
152 100  
115 55.8 26.6 79.8  
150 163.9 0.0 333.0

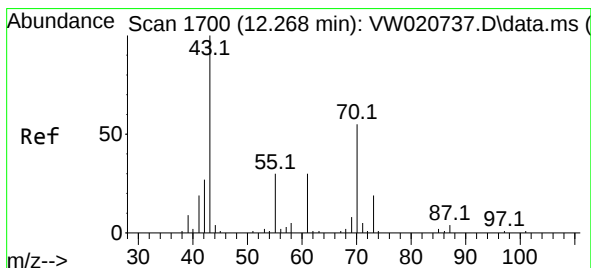
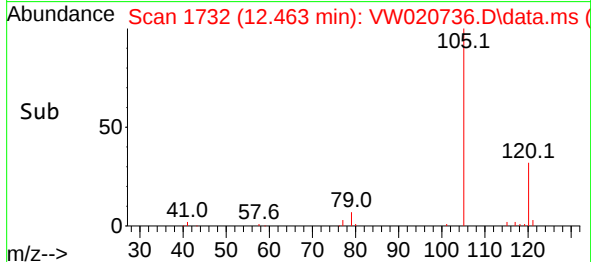
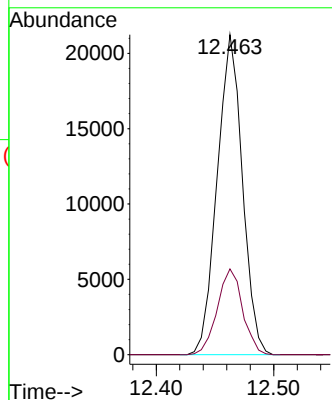
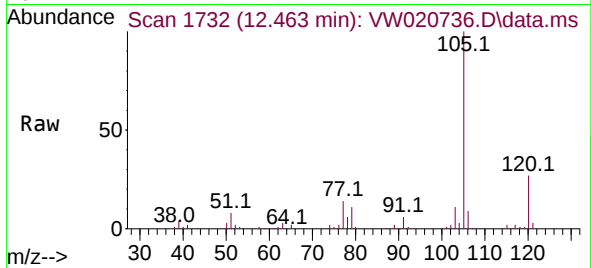




#73  
Isopropylbenzene  
Concen: 16.314 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

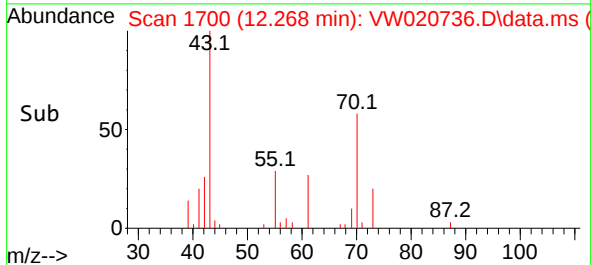
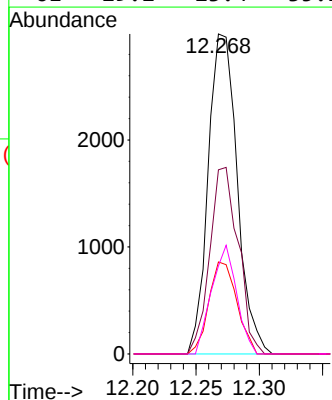
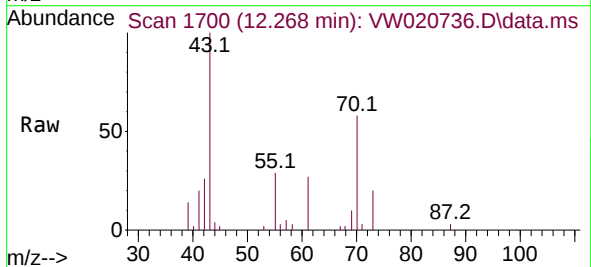
Instrument :  
MSVOA\_W  
ClientSampleId :

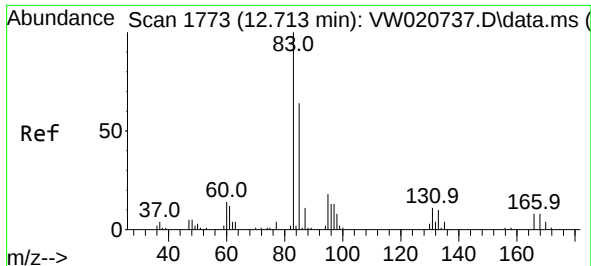
Tgt Ion:105 Resp: 31665  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.8 41.4



#74  
N-ethyl acetate  
Concen: 11.252 ug/l  
RT: 12.268 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

Tgt Ion: 43 Resp: 4781  
Ion Ratio Lower Upper  
43 100  
70 57.0 44.7 67.1  
55 27.7 23.5 35.3  
61 29.2 23.4 35.2

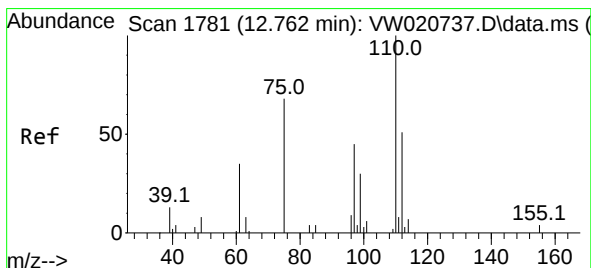
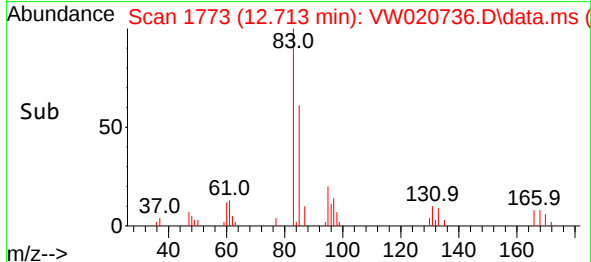
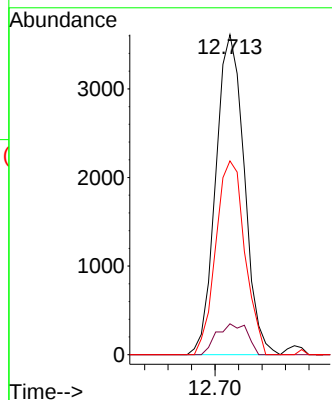
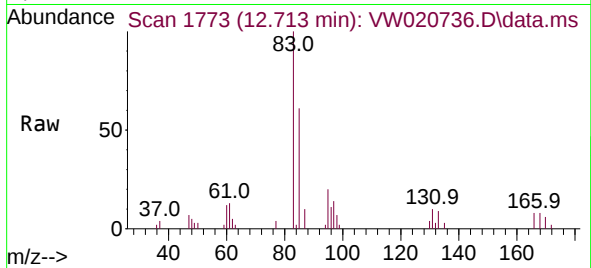




#75  
1,1,2,2-Tetrachloroethane  
Concen: 17.315 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

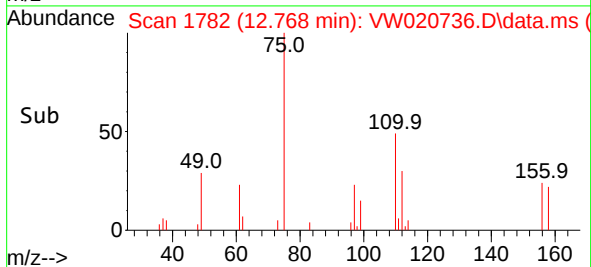
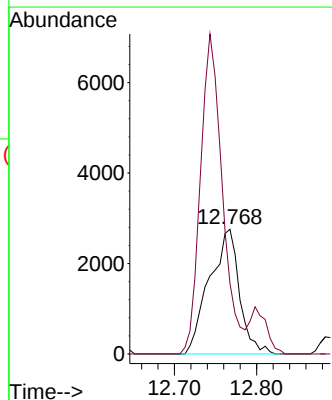
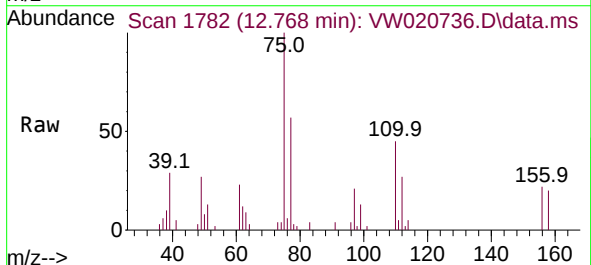
Instrument :  
MSVOA\_W  
ClientSampleId :

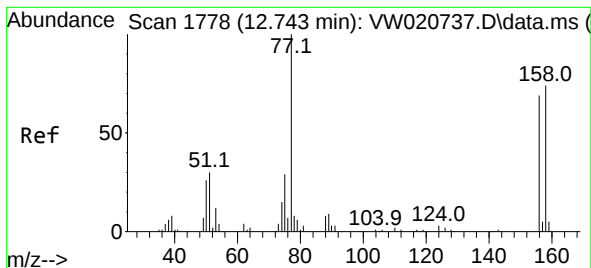
Tgt Ion: 83 Resp: 6080  
Ion Ratio Lower Upper  
83 100  
131 10.4 5.9 17.7  
85 61.7 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 25.273 ug/l  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

Tgt Ion: 75 Resp: 6989  
Ion Ratio Lower Upper  
75 100  
77 0.0 143.3 430.0#





#77

Bromobenzene

Concen: 16.695 ug/l

RT: 12.743 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

ClientSampleId :

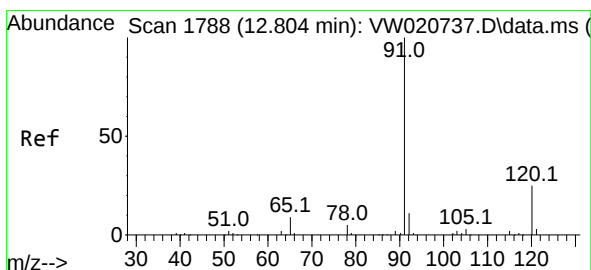
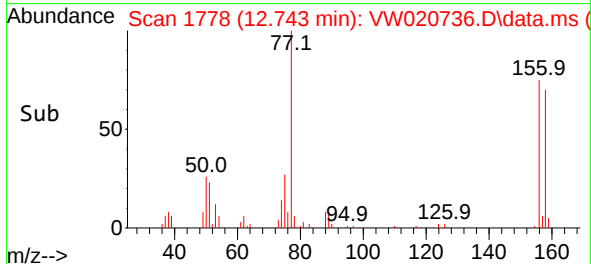
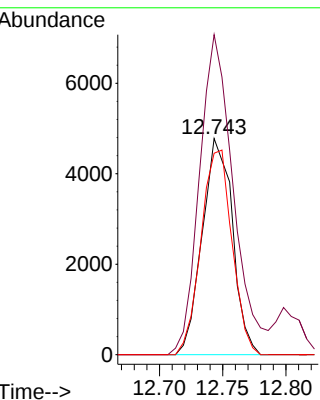
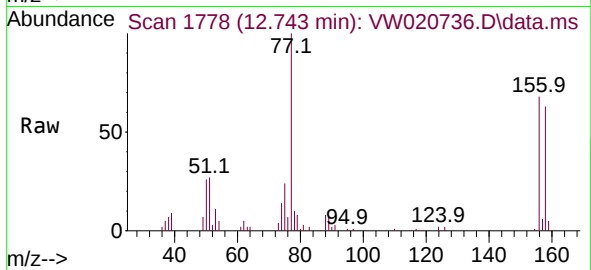
Tgt Ion:156 Resp: 7955

Ion Ratio Lower Upper

156 100

77 165.7 78.5 235.3

158 96.9 49.4 148.2



#78

n-propylbenzene

Concen: 15.922 ug/l

RT: 12.804 min Scan# 1788

Delta R.T. -0.000 min

Lab File: VW020736.D

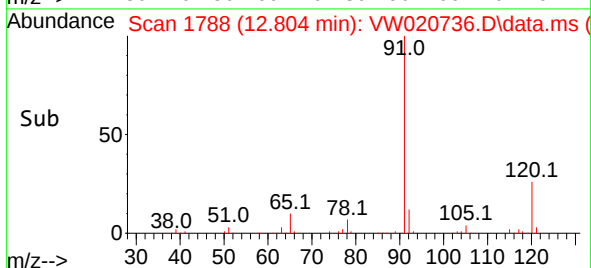
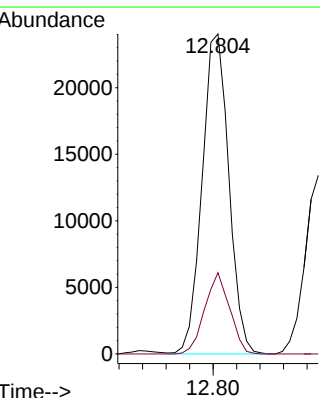
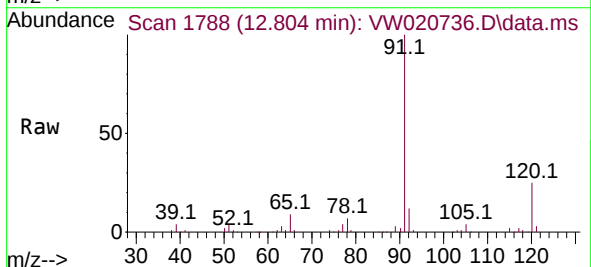
Acq: 01 Nov 2021 15:42

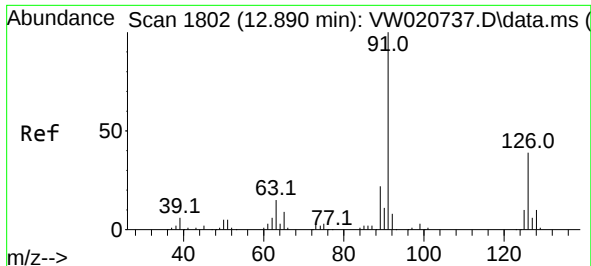
Tgt Ion: 91 Resp: 37962

Ion Ratio Lower Upper

91 100

120 23.7 12.1 36.3





#79

2-Chlorotoluene

Concen: 15.987 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

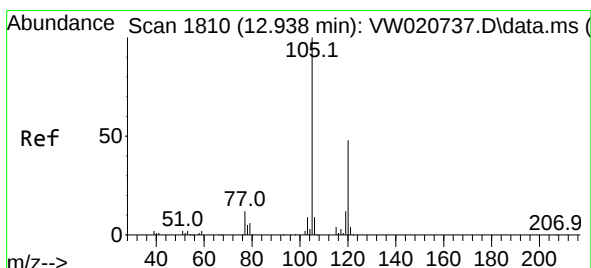
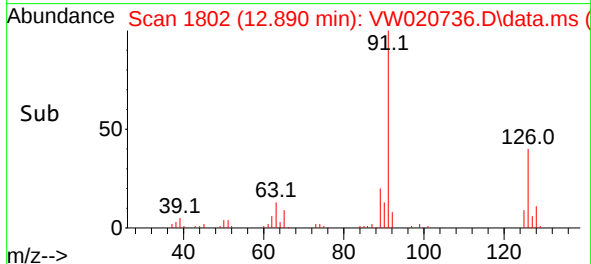
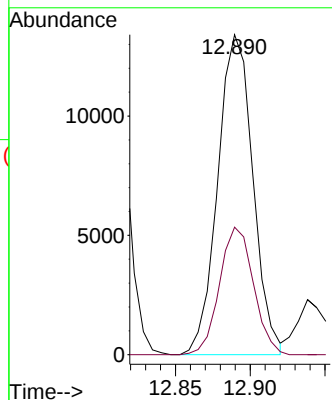
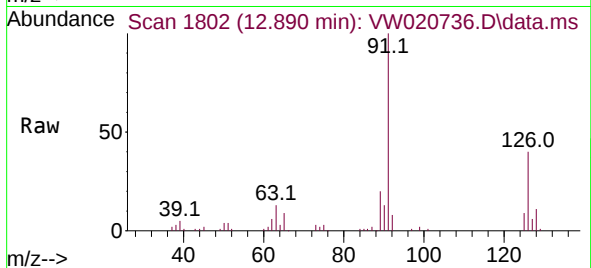
ClientSampleId :

Tgt Ion: 91 Resp: 21922

Ion Ratio Lower Upper

91 100

126 38.4 18.6 55.6



#80

1,3,5-Trimethylbenzene

Concen: 16.278 ug/l

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW020736.D

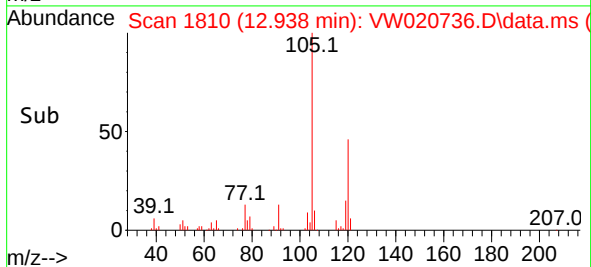
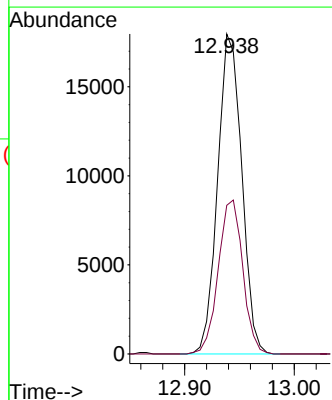
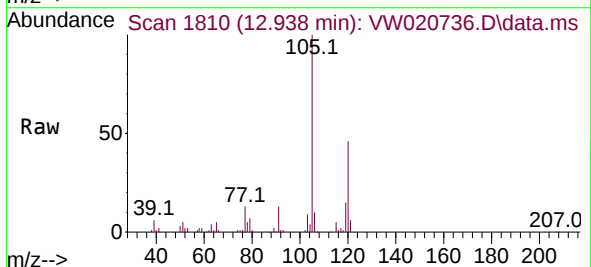
Acq: 01 Nov 2021 15:42

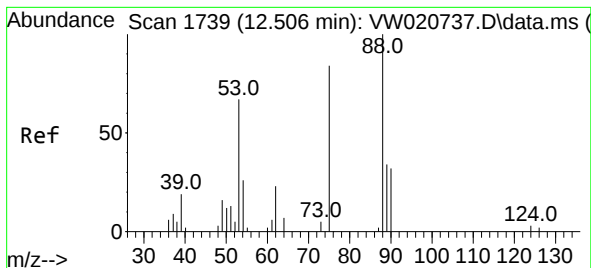
Tgt Ion: 105 Resp: 27462

Ion Ratio Lower Upper

105 100

120 49.0 24.6 74.0

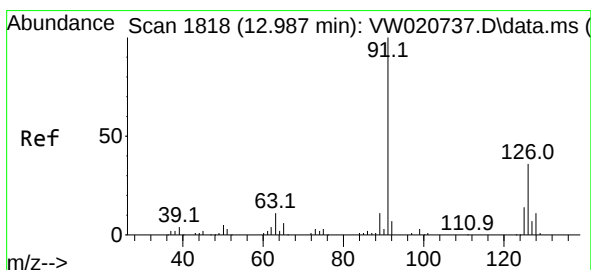
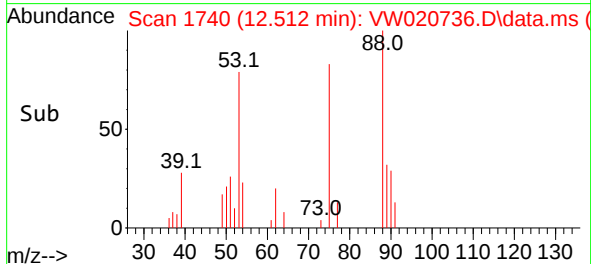
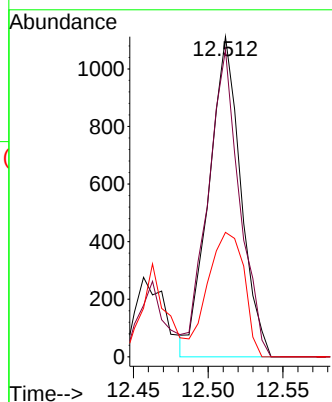
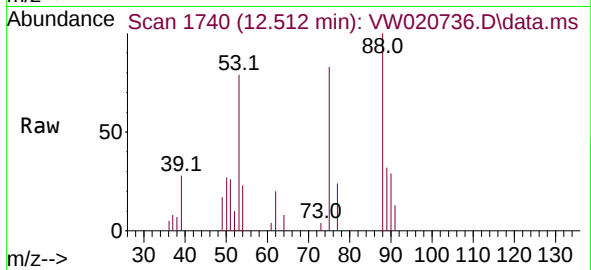




#81  
trans-1,4-Dichloro-2-butene  
Concen: 14.811 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

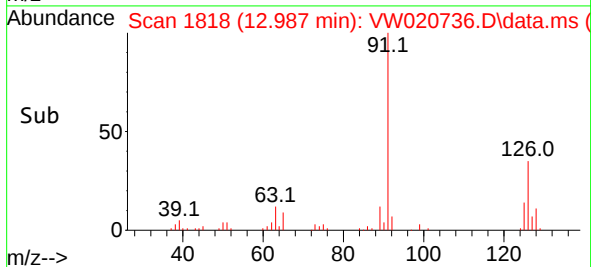
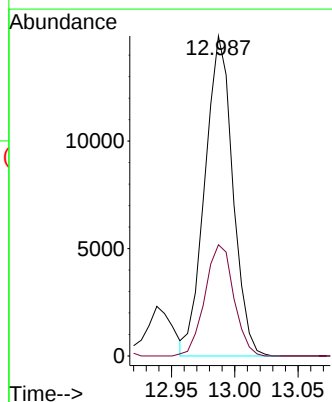
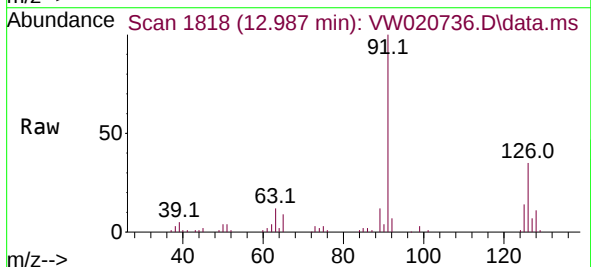
Instrument :  
MSVOA\_W  
ClientSampleId :

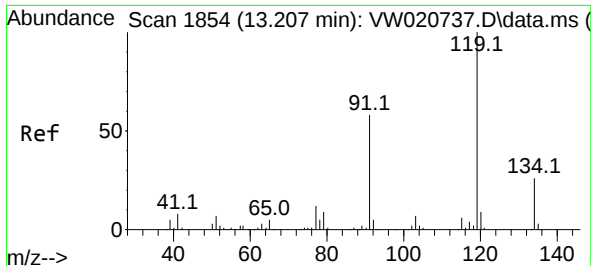
Tgt Ion: 75 Resp: 1640  
Ion Ratio Lower Upper  
75 100  
53 96.2 67.7 101.5  
89 43.8 37.5 56.3



#82  
4-Chlorotoluene  
Concen: 15.682 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

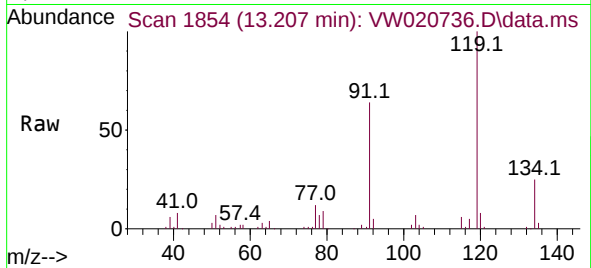
Tgt Ion: 91 Resp: 22892  
Ion Ratio Lower Upper  
91 100  
126 35.8 17.6 52.8



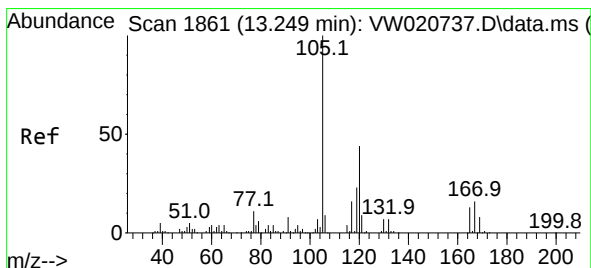
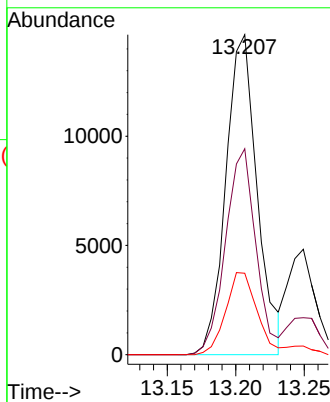
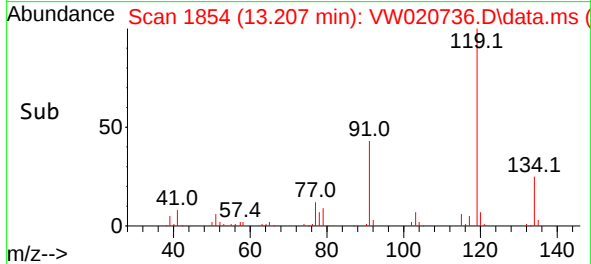


#83  
tert-Butylbenzene  
Concen: 16.148 ug/l  
RT: 13.207 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

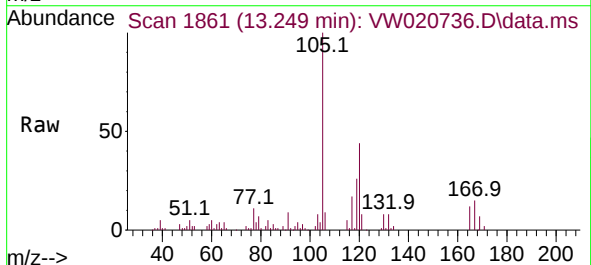
Instrument :  
MSVOA\_W  
ClientSampleId :



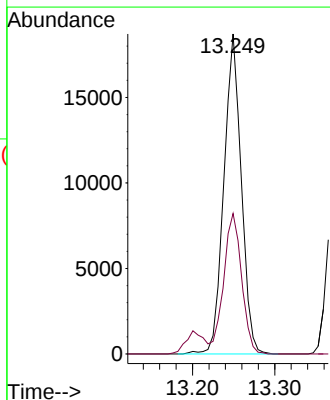
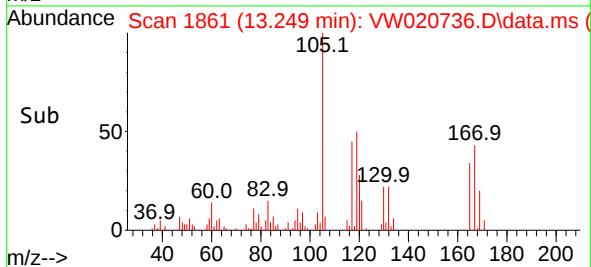
Tgt Ion:119 Resp: 23315  
Ion Ratio Lower Upper  
119 100  
91 62.6 30.9 92.8  
134 26.1 12.5 37.5

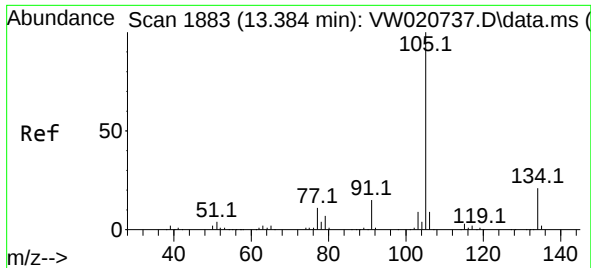


#84  
1,2,4-Trimethylbenzene  
Concen: 16.426 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42



Tgt Ion:105 Resp: 27586  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.7 68.1

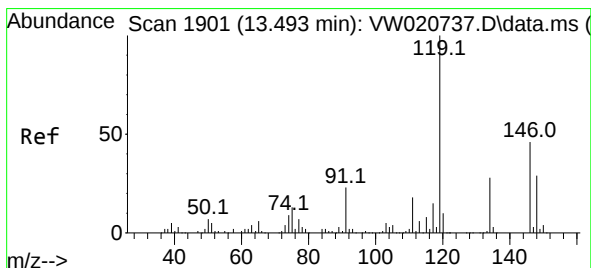
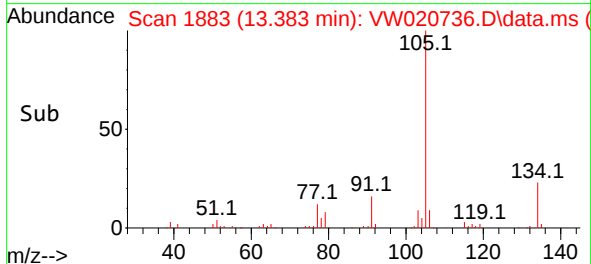
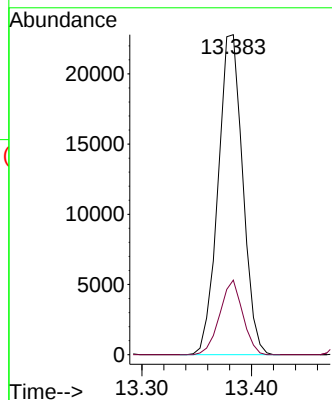
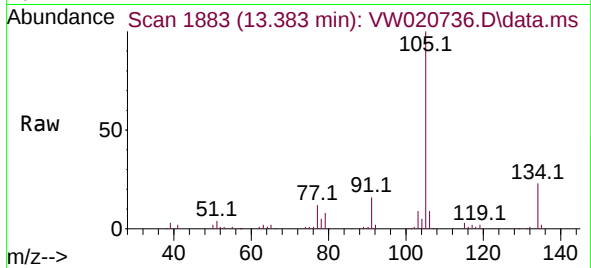




#85  
 sec-Butylbenzene  
 Concen: 16.407 ug/l  
 RT: 13.383 min Scan# 1883  
 Delta R.T. -0.000 min  
 Lab File: VW020736.D  
 Acq: 01 Nov 2021 15:42

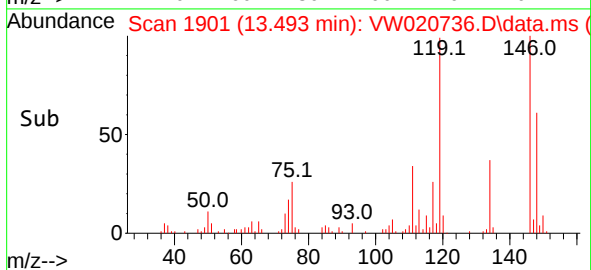
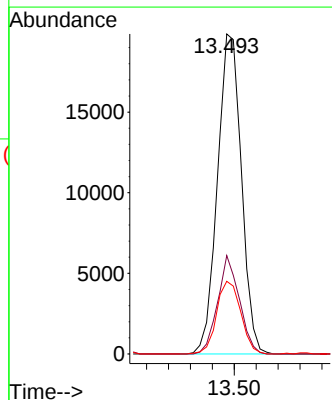
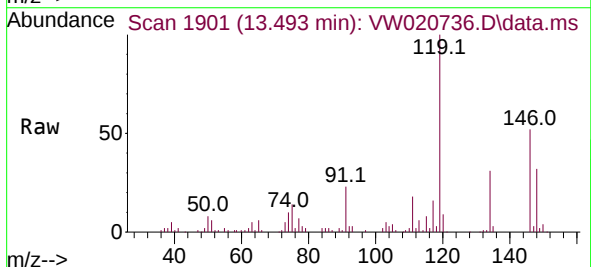
Instrument :  
 MSVOA\_W  
 ClientSampleId :

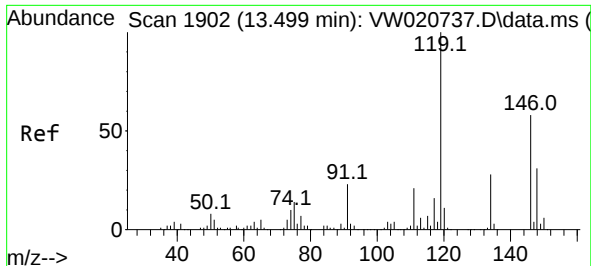
Tgt Ion:105 Resp: 35573  
 Ion Ratio Lower Upper  
 105 100  
 134 21.7 10.4 31.2



#86  
 p-Isopropyltoluene  
 Concen: 16.397 ug/l  
 RT: 13.493 min Scan# 1901  
 Delta R.T. -0.000 min  
 Lab File: VW020736.D  
 Acq: 01 Nov 2021 15:42

Tgt Ion:119 Resp: 30125  
 Ion Ratio Lower Upper  
 119 100  
 134 27.8 13.8 41.3  
 91 22.9 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 18.089 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW020736.D

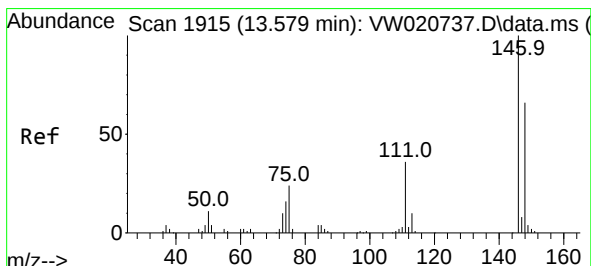
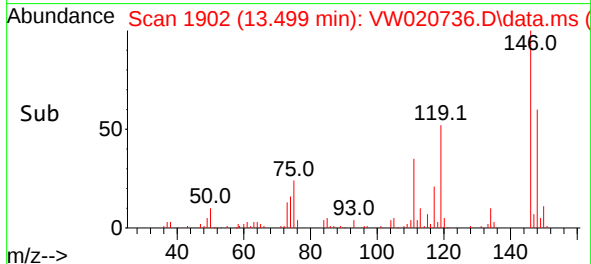
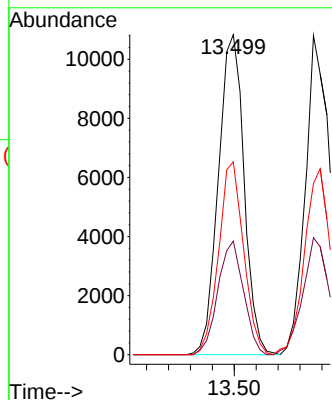
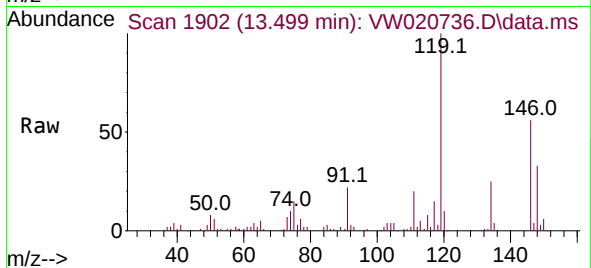
Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 17652     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 35.4  | 19.0 57.0 |
| 148         | 58.7  | 30.1 90.3 |



#88

1,4-Dichlorobenzene

Concen: 17.375 ug/l

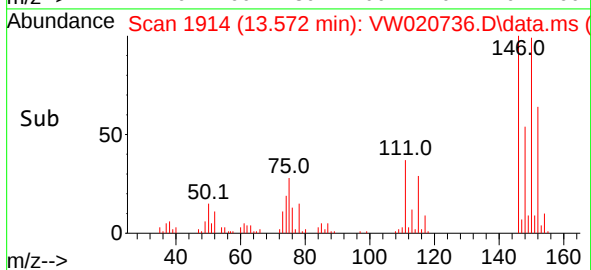
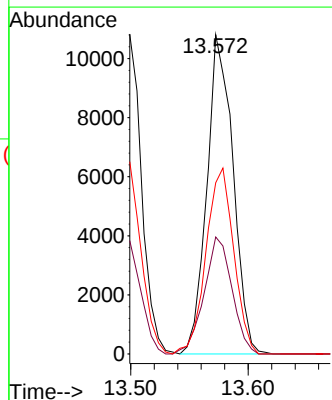
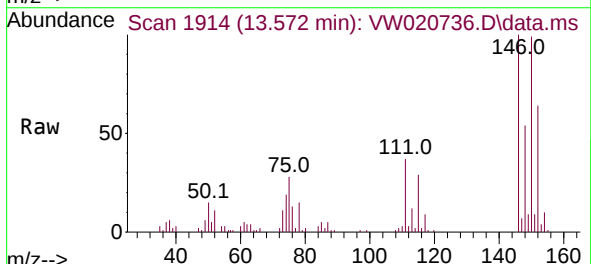
RT: 13.572 min Scan# 1914

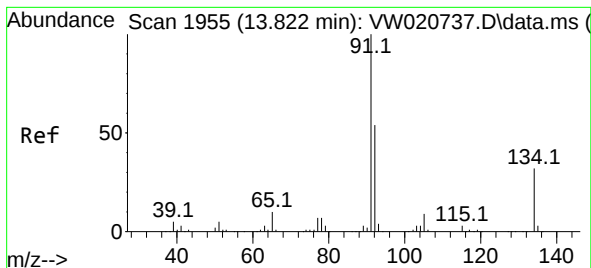
Delta R.T. -0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:146 | Resp: | 16751      |
| Ion Ratio   | Lower | Upper      |
| 146         | 100   |            |
| 111         | 39.0  | 20.1 60.3  |
| 148         | 61.7  | 33.6 100.8 |





#89

n-Butylbenzene

Concen: 16.108 ug/l

RT: 13.822 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VW020736.D

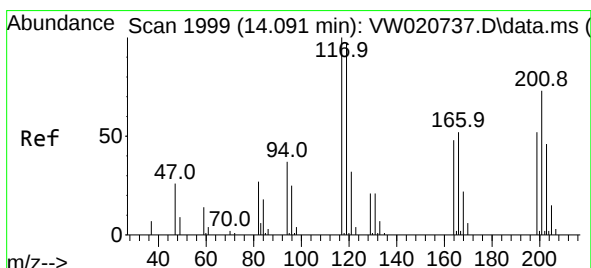
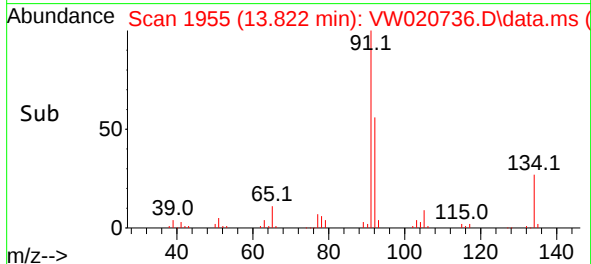
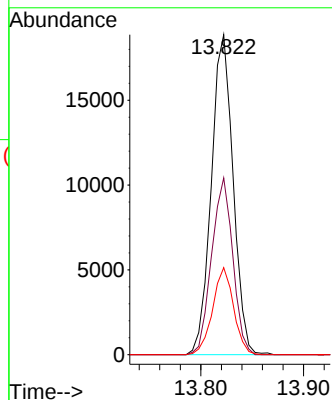
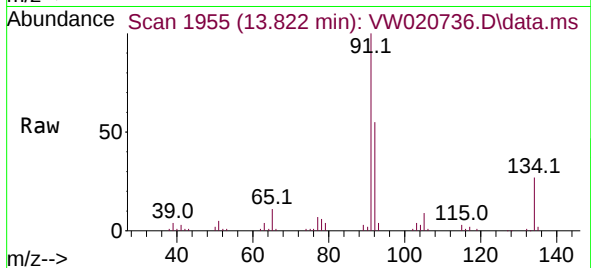
Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 91 | Resp: 27752 |
| Ion Ratio   | Lower Upper |
| 91 100      |             |
| 92 53.6     | 27.1 81.2   |
| 134 26.2    | 14.4 43.0   |



#90

Hexachloroethane

Concen: 16.923 ug/l

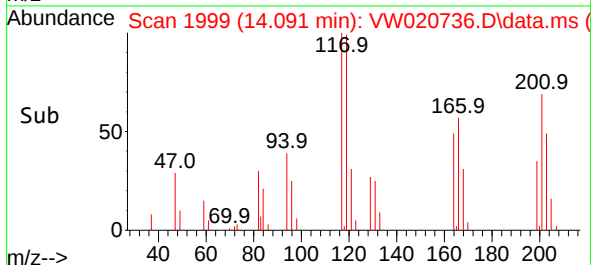
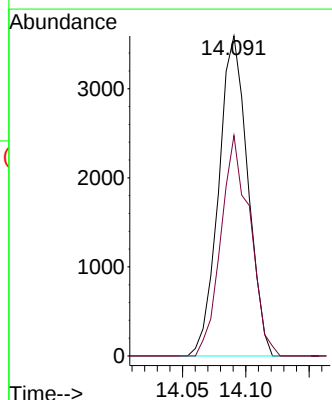
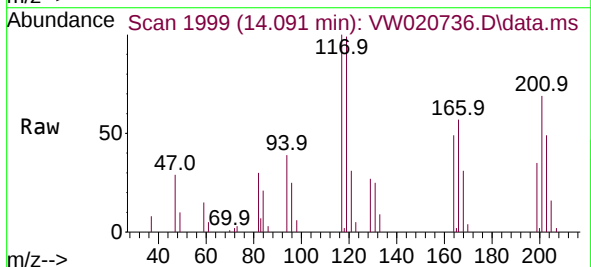
RT: 14.091 min Scan# 1999

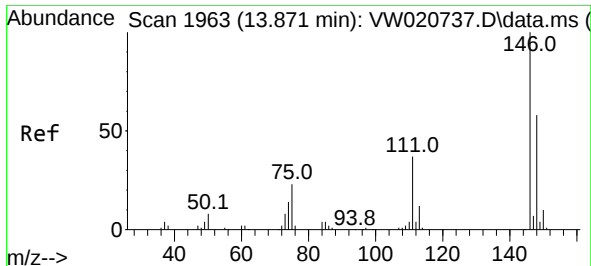
Delta R.T. -0.000 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

|              |             |
|--------------|-------------|
| Tgt Ion: 117 | Resp: 5748  |
| Ion Ratio    | Lower Upper |
| 117 100      |             |
| 201 68.7     | 36.5 109.5  |





#91

1,2-Dichlorobenzene

Concen: 17.549 ug/l

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

ClientSampleId :

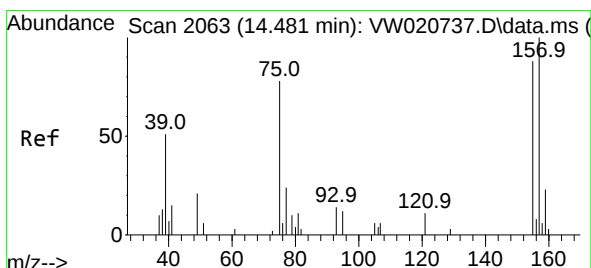
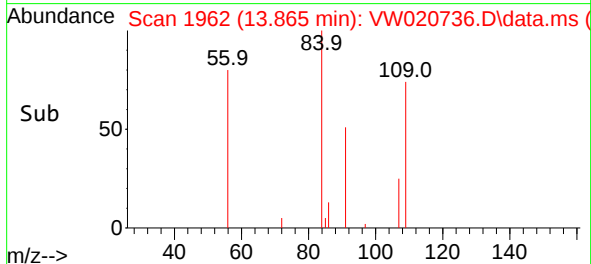
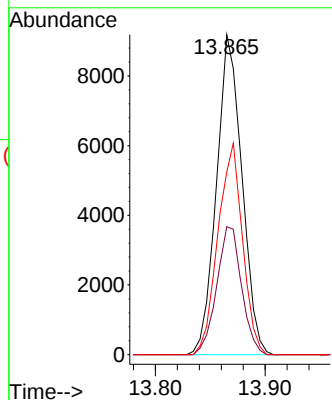
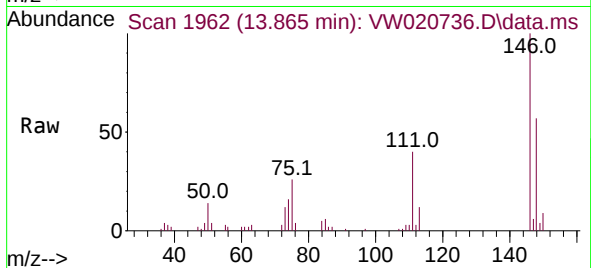
Tgt Ion:146 Resp: 14811

Ion Ratio Lower Upper

146 100

111 39.1 21.1 63.3

148 63.8 33.2 99.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.588 ug/l

RT: 14.487 min Scan# 2064

Delta R.T. 0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

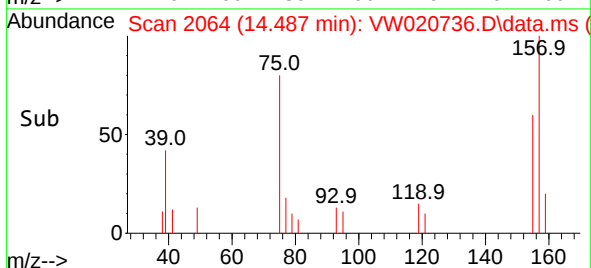
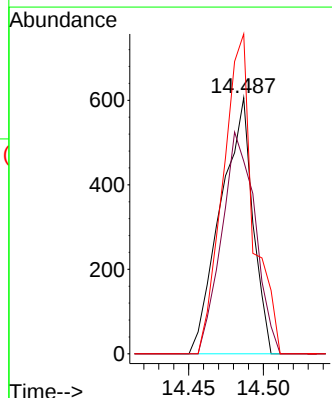
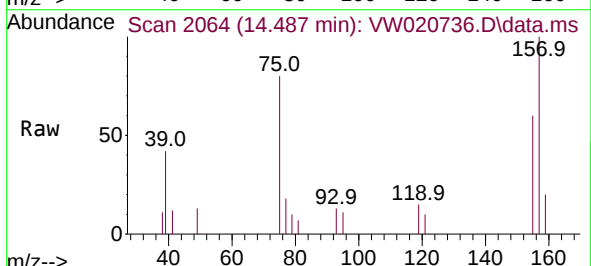
Tgt Ion: 75 Resp: 904

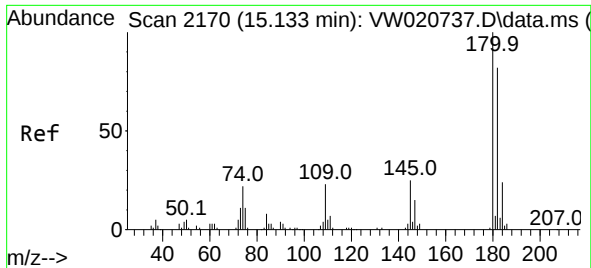
Ion Ratio Lower Upper

75 100

155 90.0 52.8 158.4

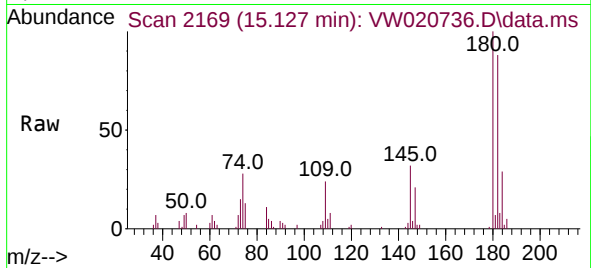
157 117.5 61.5 184.4



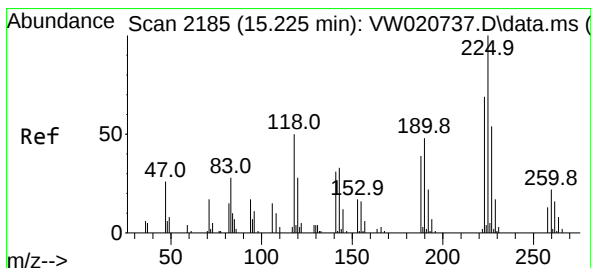
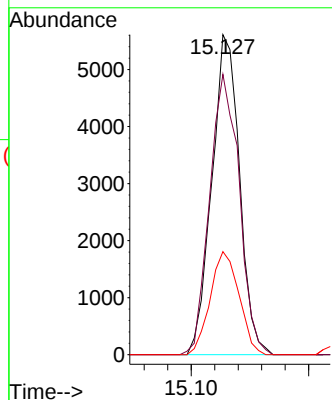
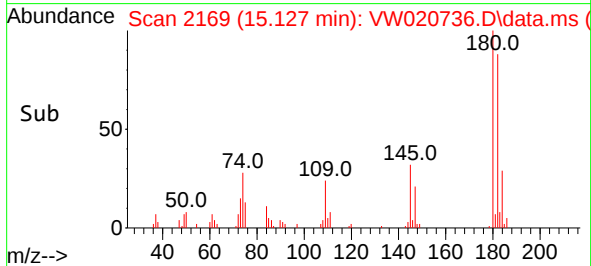


#93  
1,2,4-Trichlorobenzene  
Concen: 15.752 ug/l  
RT: 15.127 min Scan# 2169  
Delta R.T. -0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42

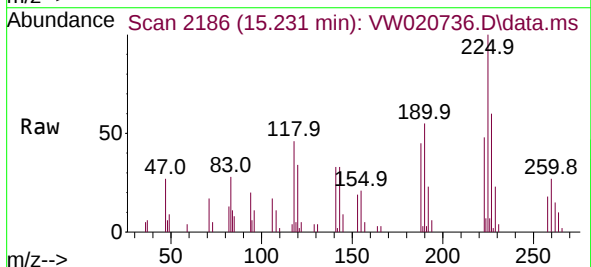
Instrument :  
MSVOA\_W  
ClientSampleId :



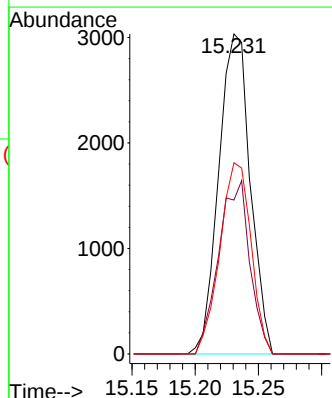
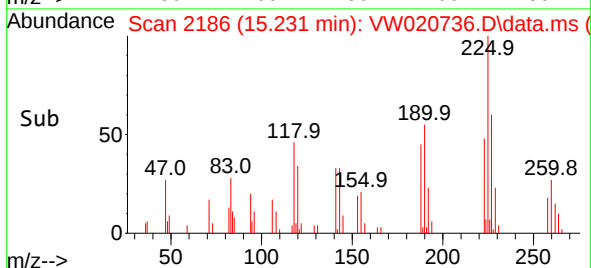
Tgt Ion:180 Resp: 9186  
Ion Ratio Lower Upper  
180 100  
182 93.4 47.1 141.3  
145 33.6 14.7 44.1

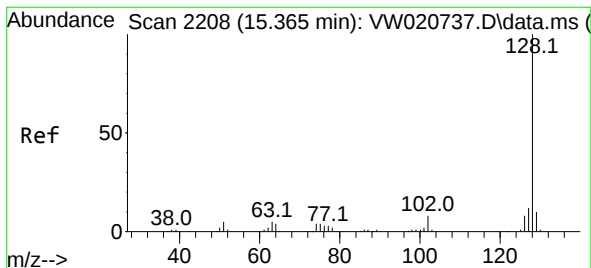


#94  
Hexachlorobutadiene  
Concen: 14.362 ug/l  
RT: 15.231 min Scan# 2186  
Delta R.T. 0.006 min  
Lab File: VW020736.D  
Acq: 01 Nov 2021 15:42



Tgt Ion:225 Resp: 5267  
Ion Ratio Lower Upper  
225 100  
223 53.3 34.6 103.9  
227 58.8 30.6 92.0





#95

Naphthalene

Concen: 15.797 ug/l

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW020736.D

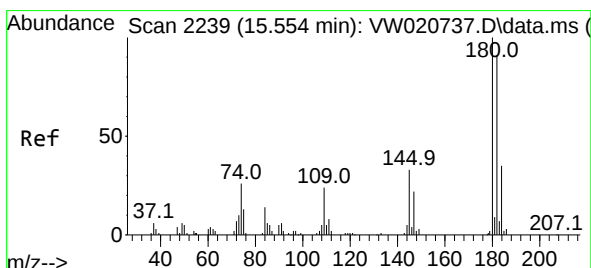
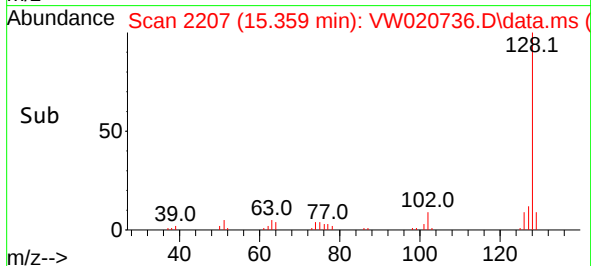
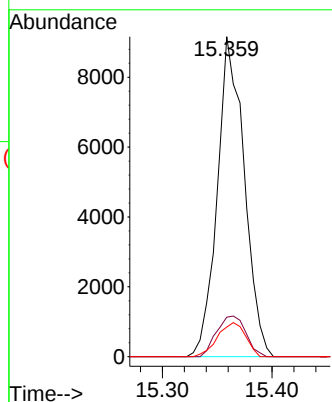
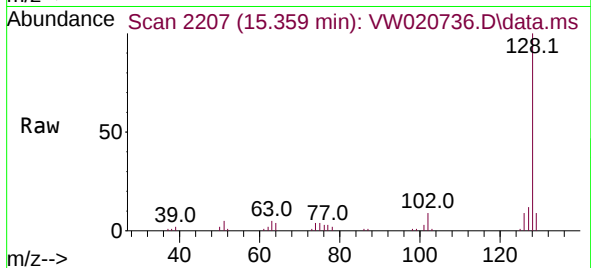
Acq: 01 Nov 2021 15:42

Instrument :

MSVOA\_W

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 15668     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 13.8  | 10.6 15.8 |
| 129         | 11.1  | 8.5 12.7  |



#96

1,2,3-Trichlorobenzene

Concen: 15.971 ug/l

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW020736.D

Acq: 01 Nov 2021 15:42

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 8322       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 97.8  | 47.3 141.8 |
| 145         | 32.8  | 16.3 48.8  |

