

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060822\  
 Data File : VU048955.D  
 Acq On : 08 Jun 2022 11:47  
 Operator : SY/MD  
 Sample : VU0608MBS01  
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0608MBS01

Quant Time: Jun 08 12:17:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                        |                |      |                      |         |        |          |
| Internal Standards           |                |      |                      |         |        |          |
| 1) Pentafluorobenzene        | 5.372          | 168  | 174308               | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.247          | 114  | 285211               | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.417          | 117  | 262581               | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.812         | 152  | 143404               | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                      |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.700          | 65   | 155440               | 59.379  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 118.760%# |         |        |          |
| 35) Dibromofluoromethane     | 5.288          | 113  | 120911               | 59.423  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 118.840%  |         |        |          |
| 50) Toluene-d8               | 7.896          | 98   | 397564               | 54.507  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 109.020%  |         |        |          |
| 62) 4-Bromofluorobenzene     | 10.632         | 95   | 157825               | 57.214  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 114.420%  |         |        |          |
| Target Compounds             |                |      |                      |         |        |          |
|                              |                |      |                      |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.382          | 85   | 35419                | 17.750  | ug/l   | 98       |
| 3) Chloromethane             | 1.523          | 50   | 50808                | 19.779  | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.604          | 62   | 46740                | 19.646  | ug/l   | 100      |
| 5) Bromomethane              | 1.832          | 94   | 26252                | 16.911  | ug/l   | 95       |
| 6) Chloroethane              | 1.919          | 64   | 28079                | 20.008  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 2.131          | 101  | 66446                | 19.555  | ug/l   | 99       |
| 8) Diethyl Ether             | 2.372          | 74   | 26266                | 20.947  | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 2.575          | 101  | 36959                | 19.871  | ug/l   | 98       |
| 10) Methyl Iodide            | 2.716          | 142  | 52868                | 20.990  | ug/l   | 100      |
| 11) Tert butyl alcohol       | 3.186          | 59   | 93524                | 140.918 | ug/l # | 41       |
| 12) 1,1-Dichloroethene       | 2.575          | 96   | 33754                | 19.026  | ug/l   | 93       |
| 13) Acrolein                 | 2.481          | 56   | 15308                | 66.484  | ug/l   | 100      |
| 14) Allyl chloride           | 2.919          | 41   | 72218                | 21.017  | ug/l   | 98       |
| 15) Acrylonitrile            | 3.311          | 53   | 175525               | 121.943 | ug/l   | 99       |
| 16) Acetone                  | 2.623          | 43   | 150583               | 112.874 | ug/l   | 97       |
| 17) Carbon Disulfide         | 2.787          | 76   | 79688                | 15.387  | ug/l   | 100      |
| 18) Methyl Acetate           | 2.948          | 43   | 88226                | 26.340  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.362          | 73   | 151796               | 22.550  | ug/l   | 99       |
| 20) Methylene Chloride       | 3.041          | 84   | 47067                | 20.747  | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 3.353          | 96   | 37898                | 18.675  | ug/l   | 95       |
| 22) Diisopropyl ether        | 3.989          | 45   | 147390               | 23.253  | ug/l   | 94       |
| 23) Vinyl Acetate            | 3.954          | 43   | 612394               | 111.513 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.867          | 63   | 87588                | 22.002  | ug/l   | 100      |
| 25) 2-Butanone               | 4.700          | 43   | 237849               | 124.104 | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 4.661          | 77   | 71505                | 20.022  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.668          | 96   | 47480                | 20.213  | ug/l   | 99       |
| 28) Bromochloromethane       | 4.970          | 49   | 37013                | 23.705  | ug/l   | 98       |
| 29) Tetrahydrofuran          | 5.047          | 42   | 149022               | 123.443 | ug/l   | 98       |
| 30) Chloroform               | 5.086          | 83   | 89267                | 22.411  | ug/l   | 99       |
| 31) Cyclohexane              | 5.385          | 56   | 64834                | 19.653  | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.317          | 97   | 77025                | 21.315  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.526          | 75   | 55479                | 18.682  | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.803          | 43   | 83066                | 22.126  | ug/l   | 100      |
| 38) Carbon Tetrachloride     | 5.523          | 117  | 64914                | 19.053  | ug/l   | 96       |
| 39) Methylcyclohexane        | 6.761          | 83   | 58335                | 18.734  | ug/l   | 98       |
| 40) Benzene                  | 5.774          | 78   | 178944               | 20.410  | ug/l   | 99       |

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 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.970  | 41   | 44746    | 23.586  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 5.793  | 62   | 73062    | 21.288  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.909  | 43   | 121555   | 22.308  | ug/l   | 99       |
| 44) Trichloroethene           | 6.542  | 130  | 43557    | 19.284  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 6.790  | 63   | 53010    | 24.017  | ug/l   | 100      |
| 46) Dibromomethane            | 6.919  | 93   | 35735    | 21.670  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.105  | 83   | 70640    | 21.183  | ug/l   | 98       |
| 48) Methyl methacrylate       | 6.960  | 41   | 55573    | 22.719  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 6.964  | 88   | 32693    | 597.872 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 7.790  | 43   | 454536   | 128.468 | ug/l   | 100      |
| 52) Toluene                   | 7.970  | 92   | 108481   | 20.686  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.211  | 75   | 69494    | 19.318  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 7.607  | 75   | 75410    | 20.230  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 8.401  | 97   | 47347    | 20.457  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 8.333  | 69   | 69424    | 20.603  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 8.574  | 76   | 81677    | 20.968  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.462  | 63   | 48625    | 81.559  | ug/l   | 99       |
| 59) 2-Hexanone                | 8.684  | 43   | 343410   | 118.226 | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.809  | 129  | 54008    | 20.817  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.922  | 107  | 50822    | 19.939  | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.552  | 164  | 36679    | 19.438  | ug/l   | 97       |
| 65) Chlorobenzene             | 9.446  | 112  | 115966   | 20.881  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 9.533  | 131  | 46545    | 22.080  | ug/l   | 99       |
| 67) Ethyl Benzene             | 9.568  | 91   | 193202   | 20.626  | ug/l   | 98       |
| 68) m/p-Xylenes               | 9.693  | 106  | 153260   | 41.835  | ug/l   | 96       |
| 69) o-Xylene                  | 10.102 | 106  | 75988    | 21.113  | ug/l   | 100      |
| 70) Styrene                   | 10.115 | 104  | 127944   | 21.612  | ug/l   | 99       |
| 71) Bromoform                 | 10.291 | 173  | 43505    | 22.321  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.484 | 105  | 203876   | 22.021  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.320 | 43   | 94989    | 21.733  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 96432    | 25.524  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.825 | 75   | 103960   | 22.484  | ug/l   | 97       |
| 77) Bromobenzene              | 10.780 | 156  | 54032    | 21.731  | ug/l   | 98       |
| 78) n-propylbenzene           | 10.906 | 91   | 230064   | 20.855  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 10.986 | 91   | 149667   | 21.816  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 176705   | 21.948  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 10.545 | 75   | 25701    | 20.182  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.095 | 91   | 166115   | 20.986  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.420 | 119  | 181736   | 23.519  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 172569   | 20.603  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.642 | 105  | 220295   | 22.788  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.793 | 119  | 177948   | 21.435  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.745 | 146  | 98019    | 20.107  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 11.835 | 146  | 99173    | 19.691  | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.208 | 91   | 135686   | 17.801  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.475 | 117  | 36062    | 21.285  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.211 | 146  | 105229   | 21.368  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.995 | 75   | 23486    | 21.590  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 50965    | 15.771  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.021 | 225  | 31772    | 20.512  | ug/l   | 98       |
| 95) Naphthalene               | 14.089 | 128  | 154828   | 15.554  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 54893    | 17.150  | ug/l   | 98       |

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Quant Title : SW846 8260  
QLast Update : Fri May 27 06:42:31 2022  
Response via : Initial Calibration

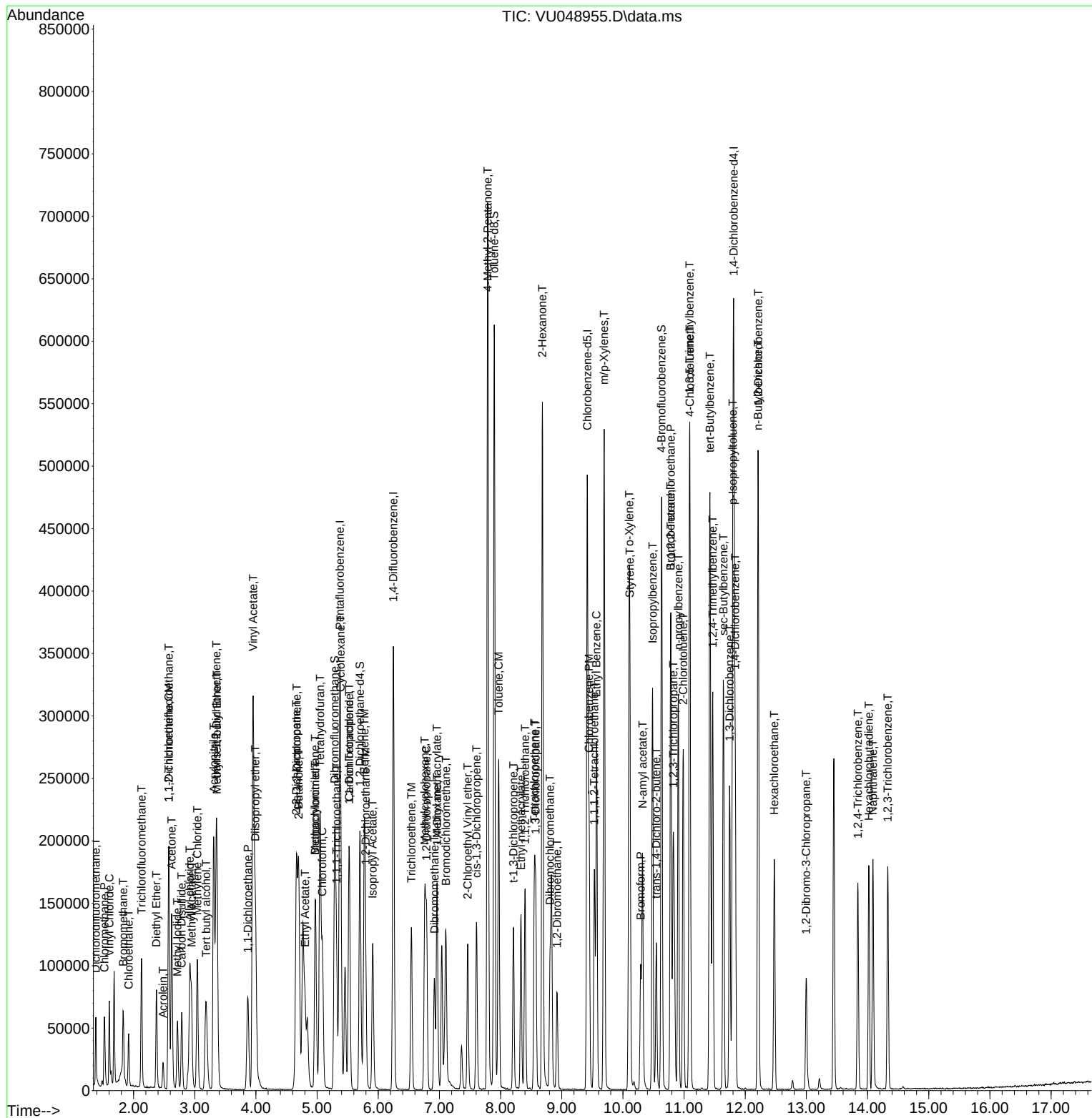
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

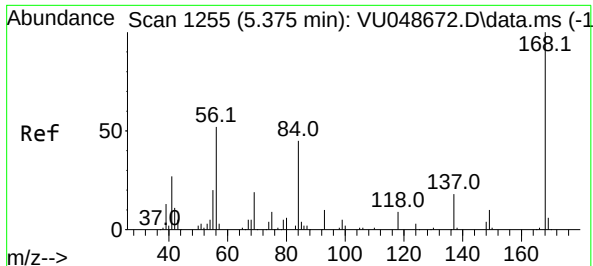
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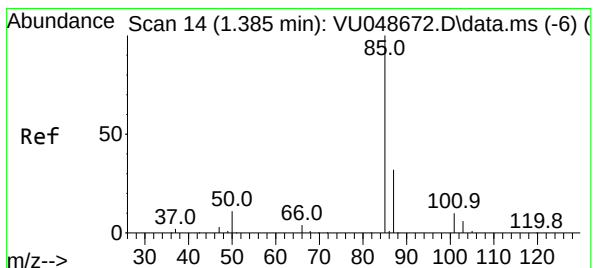
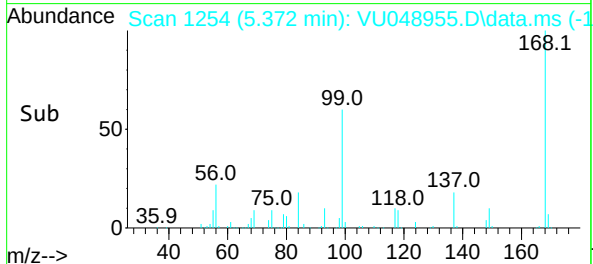
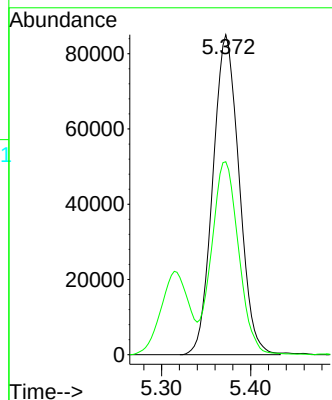
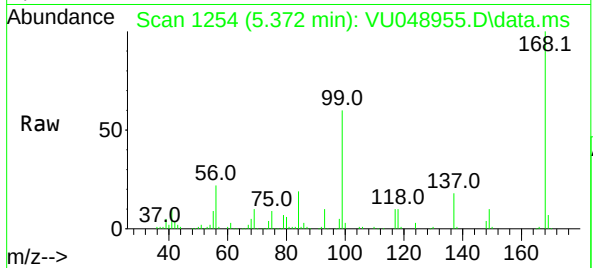




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

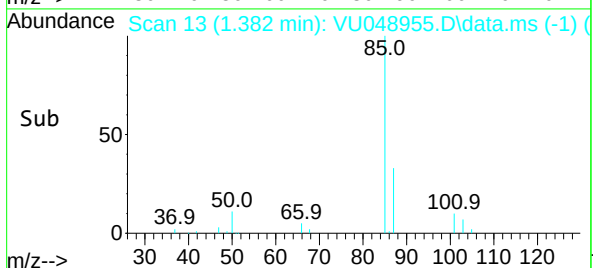
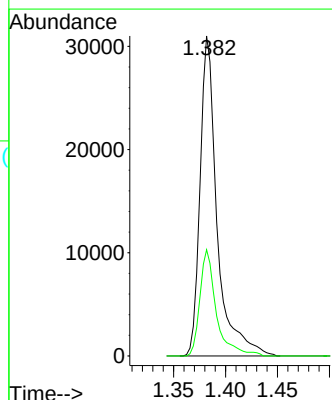
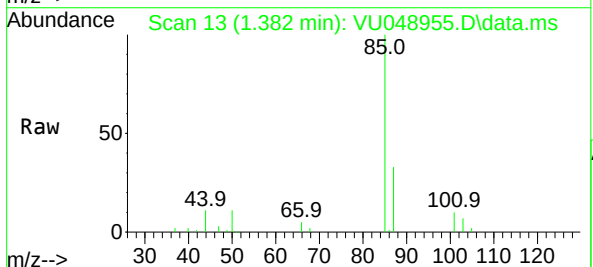
Instrument :  
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ClientSampleId :  
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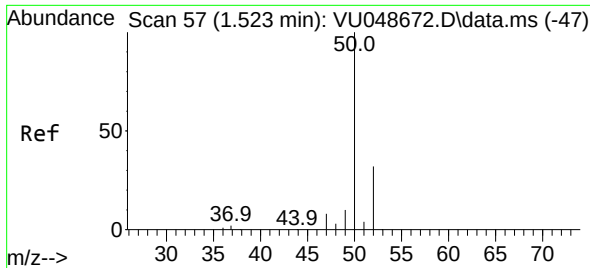
Tgt Ion:168 Resp: 174308  
Ion Ratio Lower Upper  
168 100  
99 59.9 49.3 73.9



#2  
Dichlorodifluoromethane  
Concen: 17.750 ug/l  
RT: 1.382 min Scan# 13  
Delta R.T. -0.003 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 85 Resp: 35419  
Ion Ratio Lower Upper  
85 100  
87 33.2 16.0 48.0

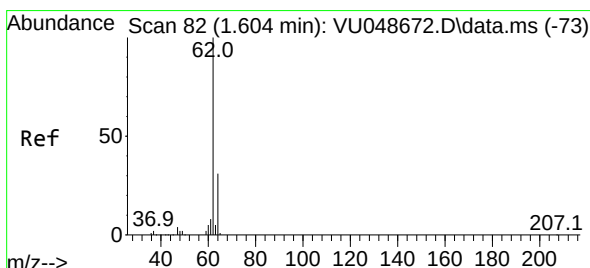
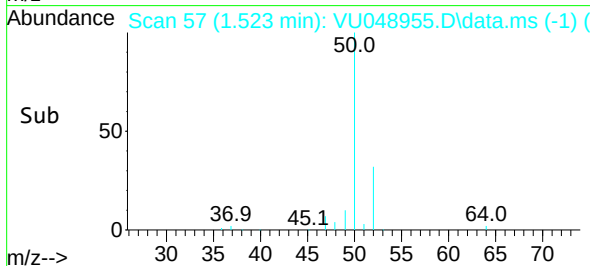
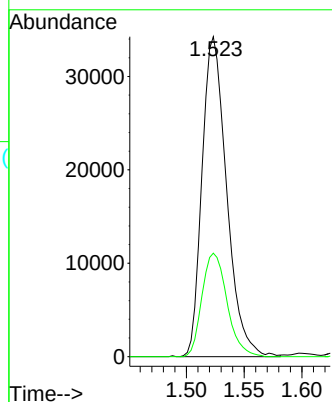
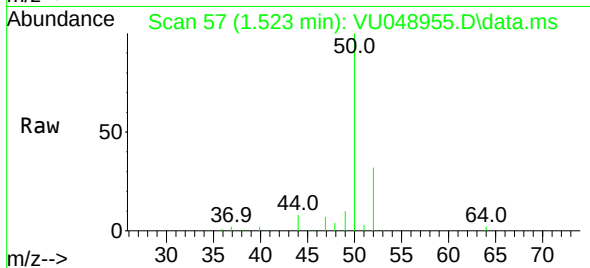




#3  
Chloromethane  
Concen: 19.779 ug/l  
RT: 1.523 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

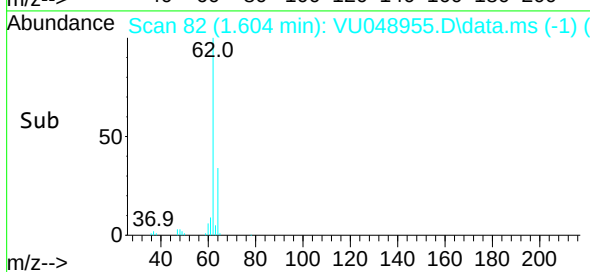
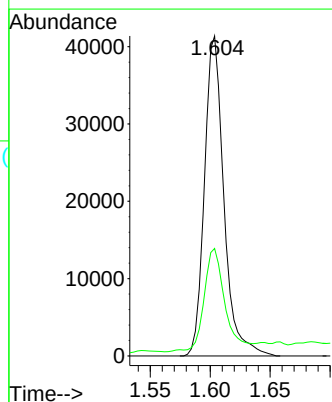
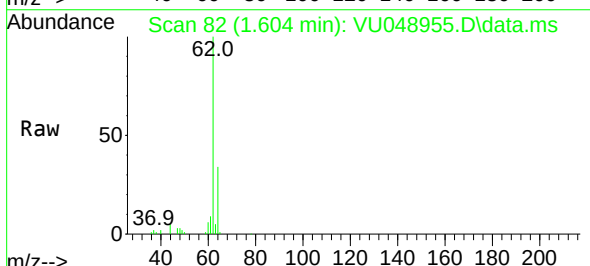
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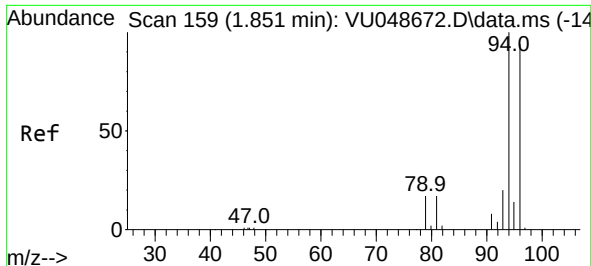
Tgt Ion: 50 Resp: 50808  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.7 38.5



#4  
Vinyl Chloride  
Concen: 19.646 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 62 Resp: 46740  
Ion Ratio Lower Upper  
62 100  
64 31.6 25.2 37.8

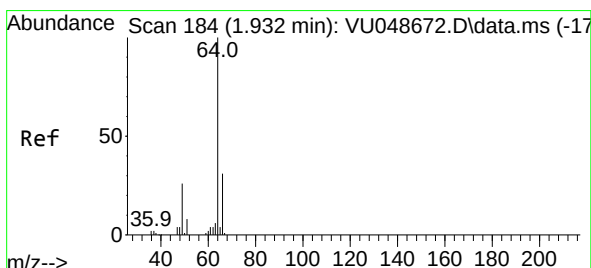
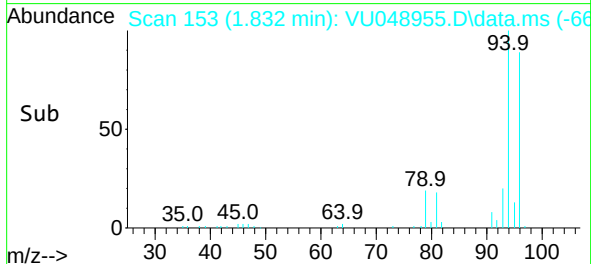
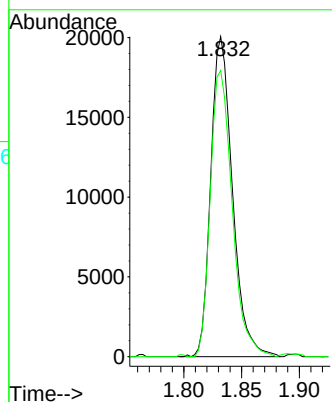
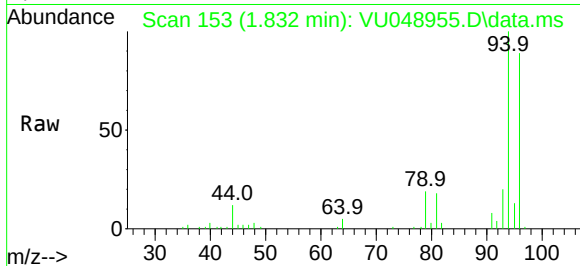




#5  
Bromomethane  
Concen: 16.911 ug/l  
RT: 1.832 min Scan# 11  
Delta R.T. -0.019 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

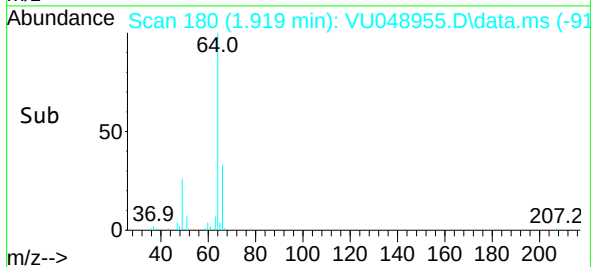
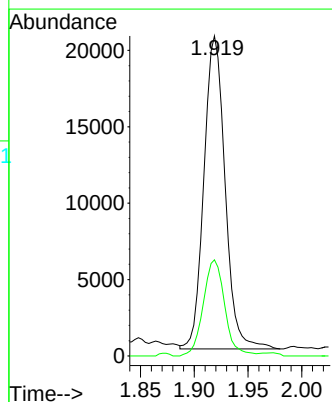
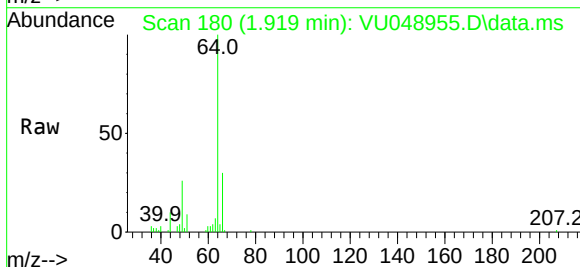
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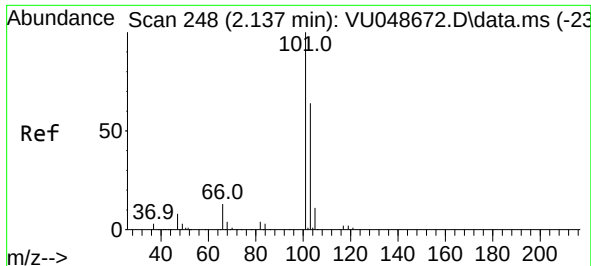
Tgt Ion: 94 Resp: 26252  
Ion Ratio Lower Upper  
94 100  
96 89.0 75.1 112.7



#6  
Chloroethane  
Concen: 20.008 ug/l  
RT: 1.919 min Scan# 180  
Delta R.T. -0.013 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 64 Resp: 28079  
Ion Ratio Lower Upper  
64 100  
66 30.7 25.2 37.8

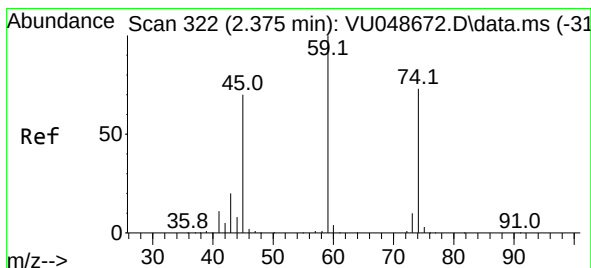
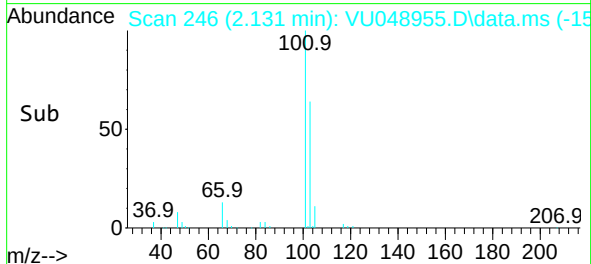
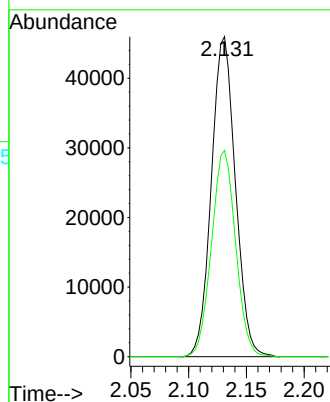
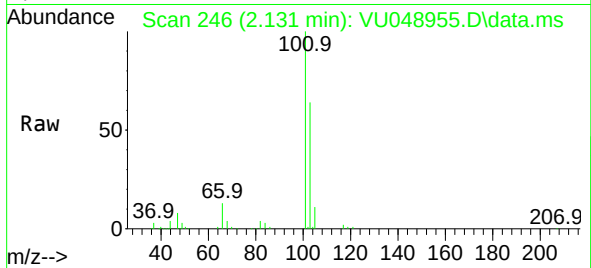




#7  
 Trichlorofluoromethane  
 Concen: 19.555 ug/l  
 RT: 2.131 min Scan# 248  
 Delta R.T. -0.007 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

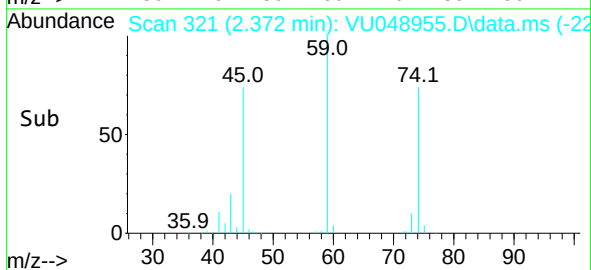
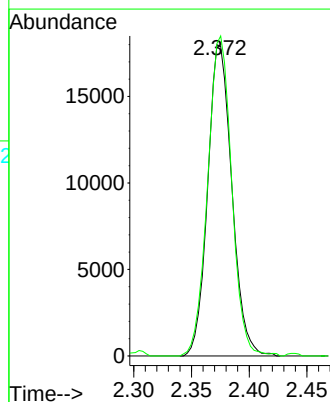
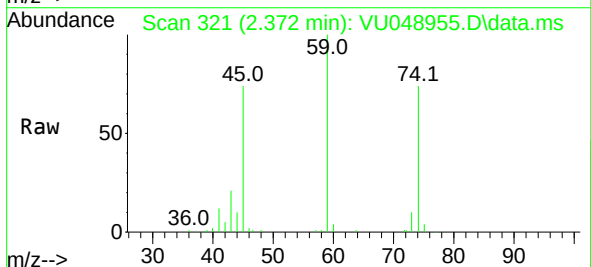
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0608MBS01

Tgt Ion:101 Resp: 66446  
 Ion Ratio Lower Upper  
 101 100  
 103 64.5 51.0 76.4

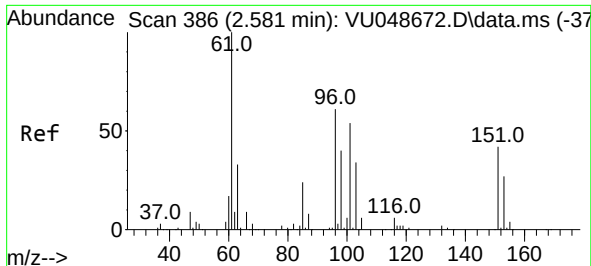


#8  
 Diethyl Ether  
 Concen: 20.947 ug/l  
 RT: 2.372 min Scan# 321  
 Delta R.T. -0.003 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

Tgt Ion: 74 Resp: 26266  
 Ion Ratio Lower Upper  
 74 100  
 45 101.8 47.7 143.1



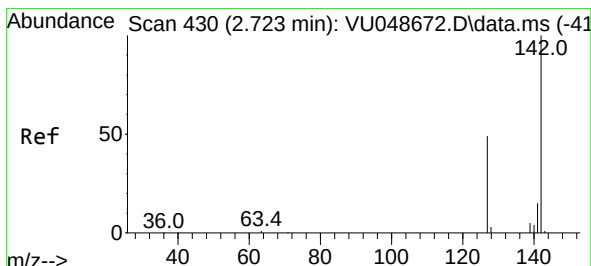
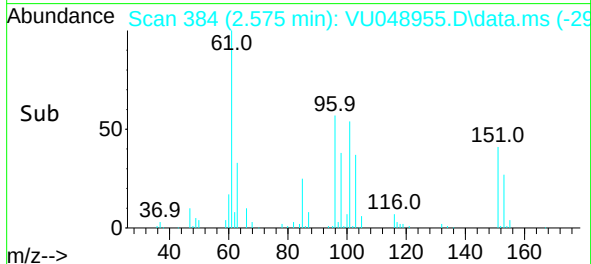
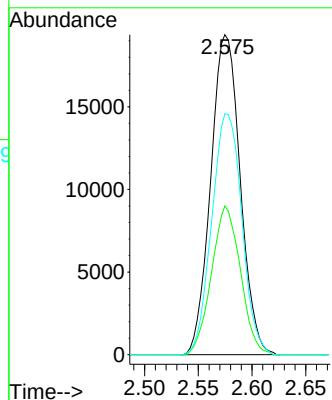
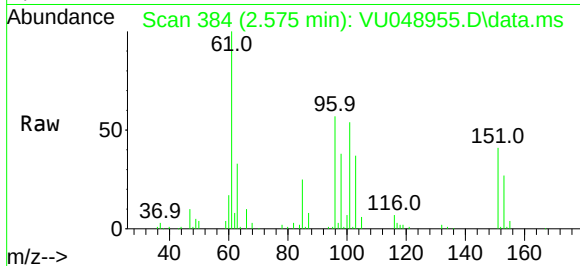




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.871 ug/l  
RT: 2.575 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

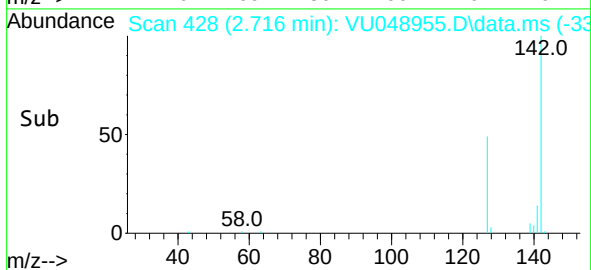
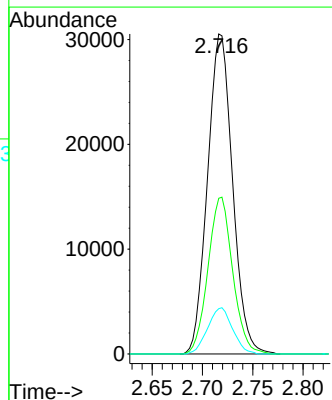
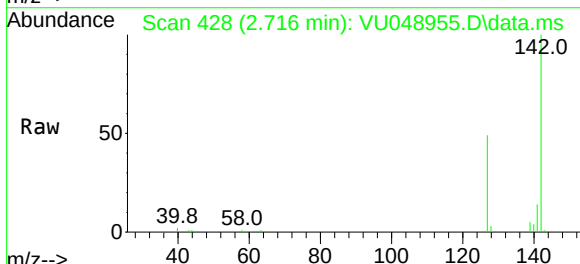
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

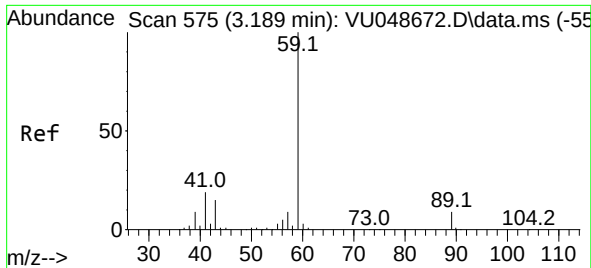
Tgt Ion:101 Resp: 36959  
Ion Ratio Lower Upper  
101 100  
85 45.5 35.4 53.2  
151 76.9 62.5 93.7



#10  
Methyl Iodide  
Concen: 20.990 ug/l  
RT: 2.716 min Scan# 428  
Delta R.T. -0.007 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion:142 Resp: 52868  
Ion Ratio Lower Upper  
142 100  
127 48.3 38.4 57.6  
141 14.4 11.5 17.3

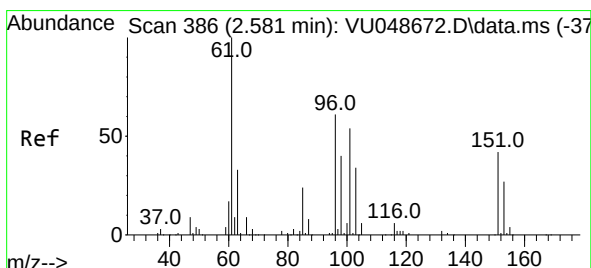
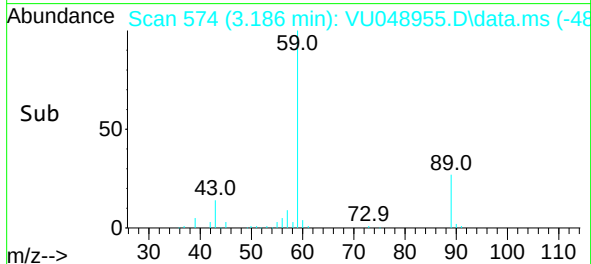
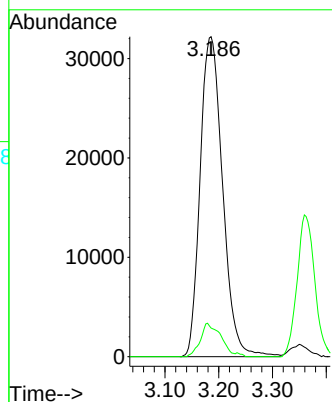
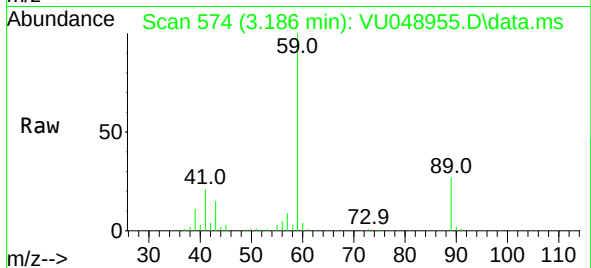




#11  
Tert butyl alcohol  
Concen: 140.918 ug/l  
RT: 3.186 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

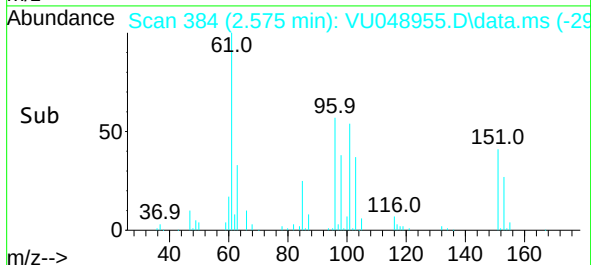
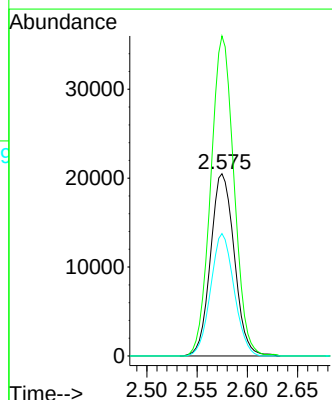
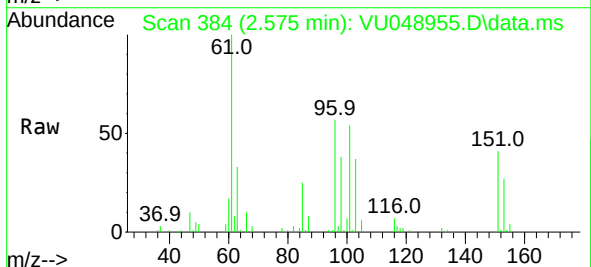
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

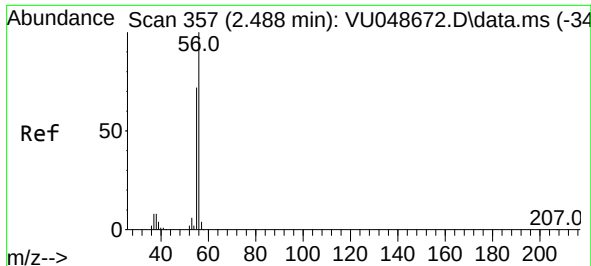
Tgt Ion: 59 Resp: 93524  
Ion Ratio Lower Upper  
59 100  
57 9.4 39.7 59.5#



#12  
1,1-Dichloroethene  
Concen: 19.026 ug/l  
RT: 2.575 min Scan# 384  
Delta R.T. -0.007 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 96 Resp: 33754  
Ion Ratio Lower Upper  
96 100  
61 175.6 131.1 196.7  
98 67.1 51.8 77.8

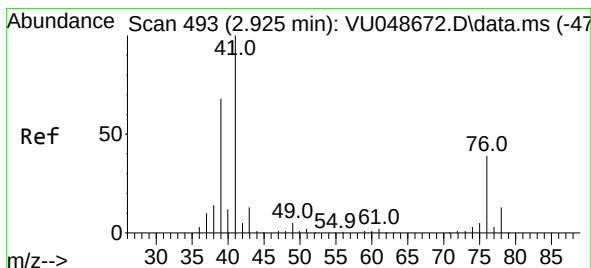
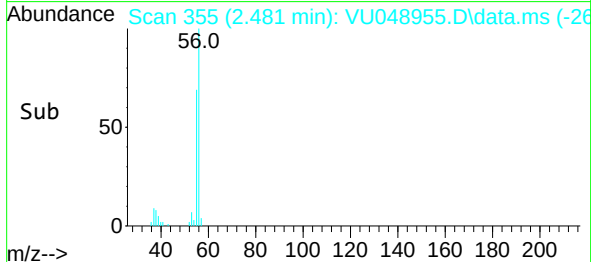
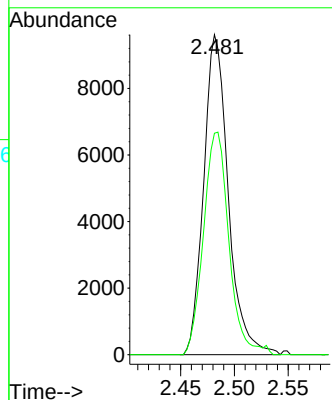
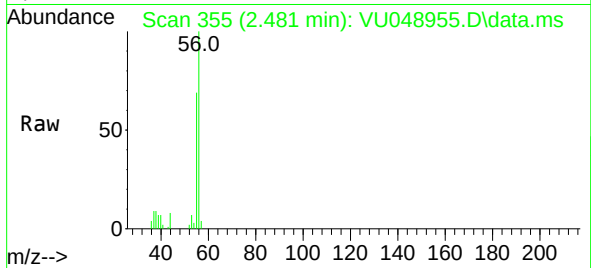




#13  
Acrolein  
Concen: 66.484 ug/l  
RT: 2.481 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

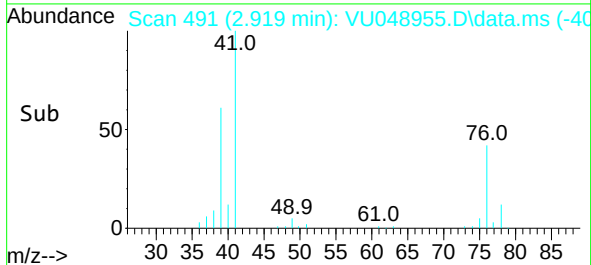
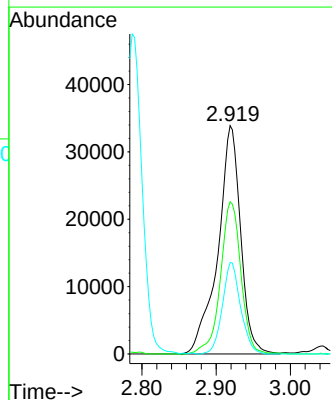
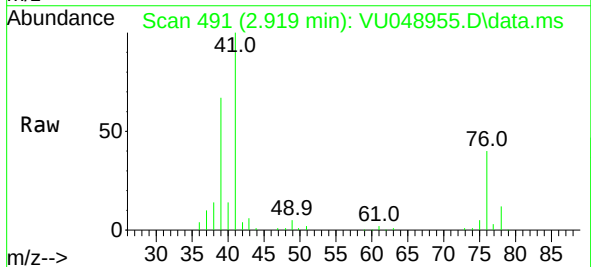
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

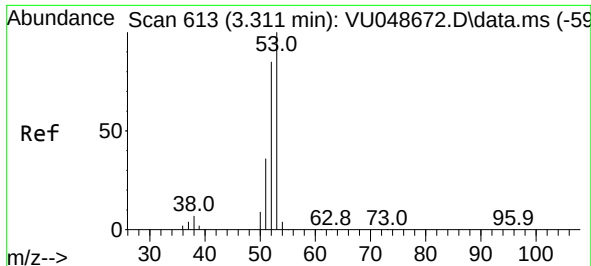
Tgt Ion: 56 Resp: 15308  
Ion Ratio Lower Upper  
56 100  
55 72.1 57.7 86.5



#14  
Allyl chloride  
Concen: 21.017 ug/l  
RT: 2.919 min Scan# 491  
Delta R.T. -0.007 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 41 Resp: 72218  
Ion Ratio Lower Upper  
41 100  
39 60.1 48.6 72.8  
76 32.0 27.0 40.4

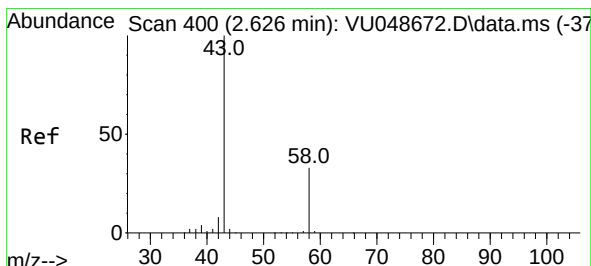
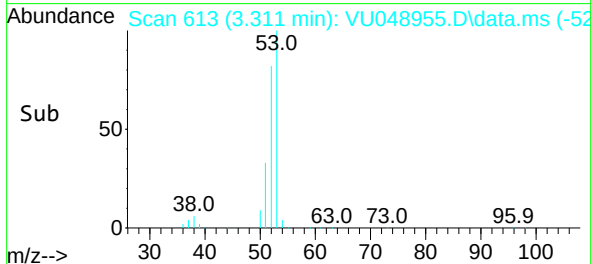
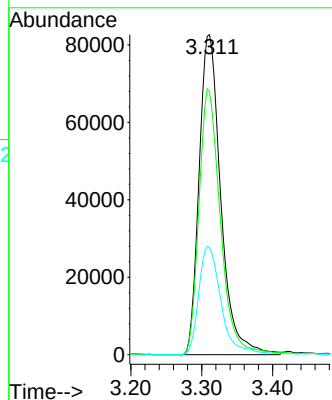
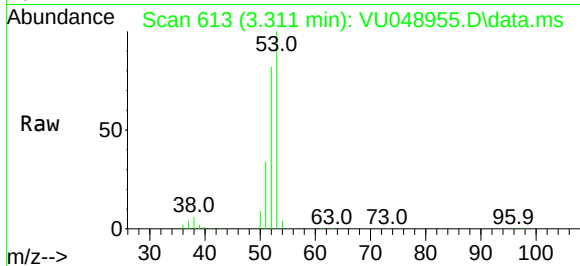




#15  
Acrylonitrile  
Concen: 121.943 ug/l  
RT: 3.311 min Scan# 613  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

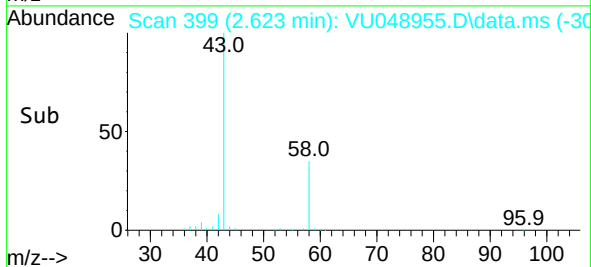
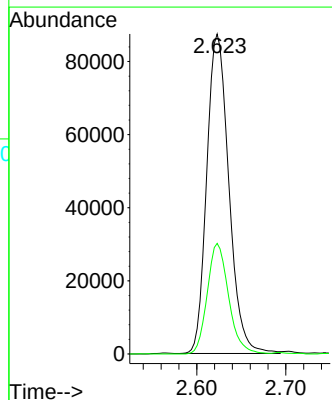
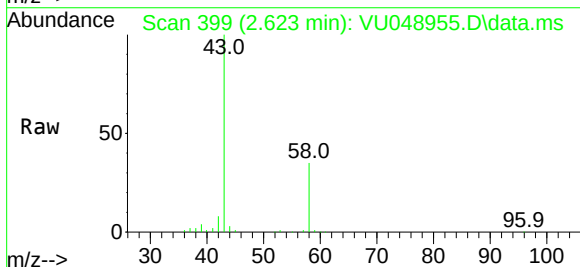
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

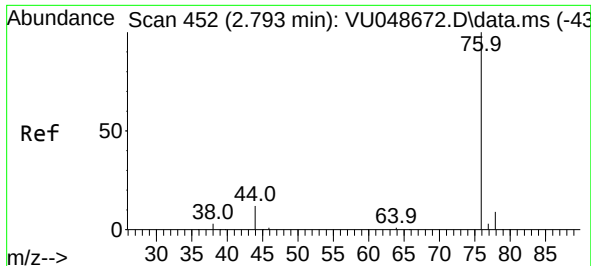
Tgt Ion: 53 Resp: 175525  
Ion Ratio Lower Upper  
53 100  
52 81.9 66.3 99.5  
51 35.0 28.6 42.8



#16  
Acetone  
Concen: 112.874 ug/l  
RT: 2.623 min Scan# 399  
Delta R.T. -0.003 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 43 Resp: 150583  
Ion Ratio Lower Upper  
43 100  
58 34.6 26.3 39.5

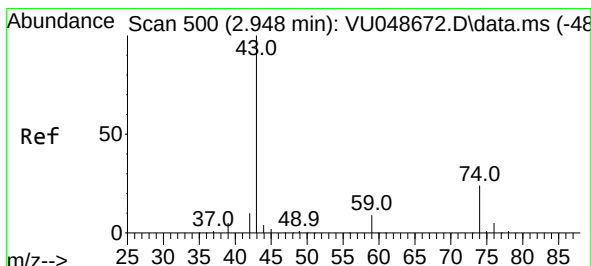
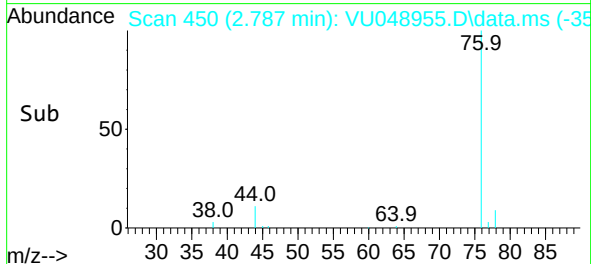
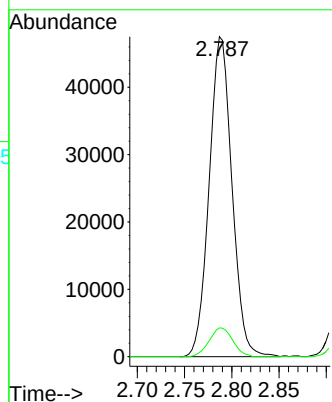
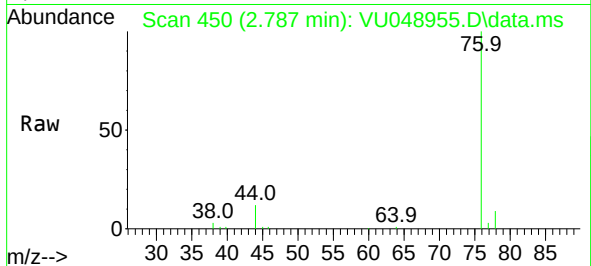




#17  
Carbon Disulfide  
Concen: 15.387 ug/l  
RT: 2.787 min Scan# 41  
Delta R.T. -0.007 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

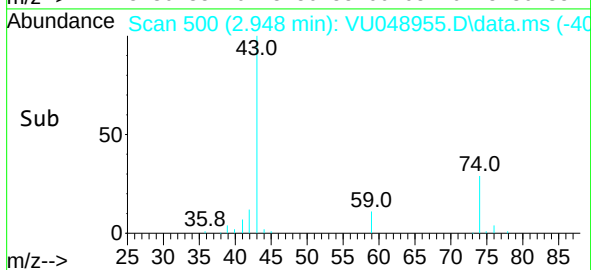
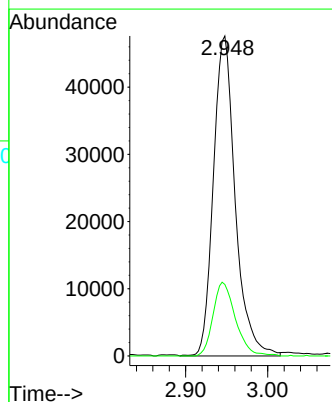
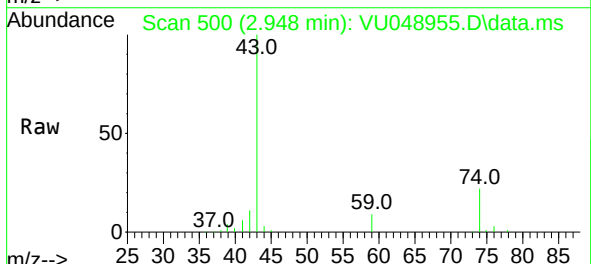
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

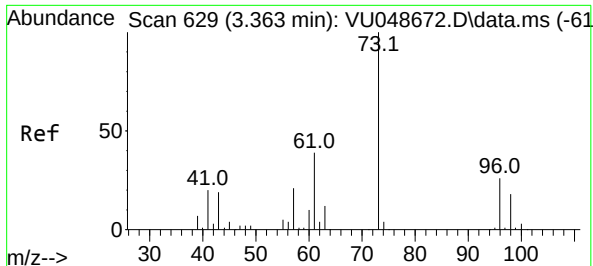
Tgt Ion: 76 Resp: 79688  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.3 10.9



#18  
Methyl Acetate  
Concen: 26.340 ug/l  
RT: 2.948 min Scan# 500  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 43 Resp: 88226  
Ion Ratio Lower Upper  
43 100  
74 23.6 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 22.550 ug/l

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Instrument :

MSVOA\_U

ClientSampleId :

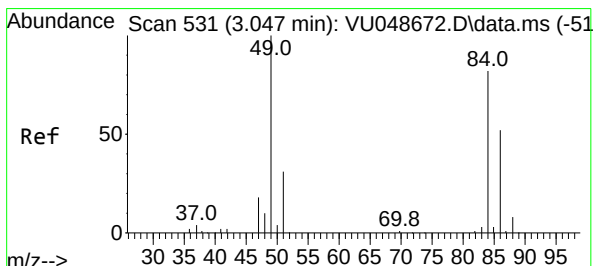
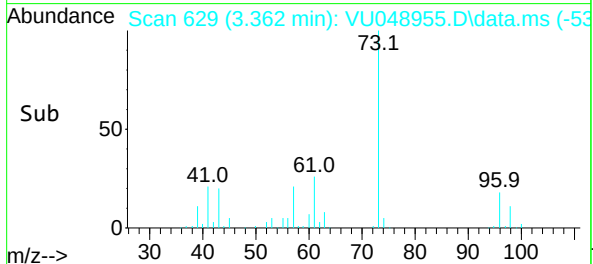
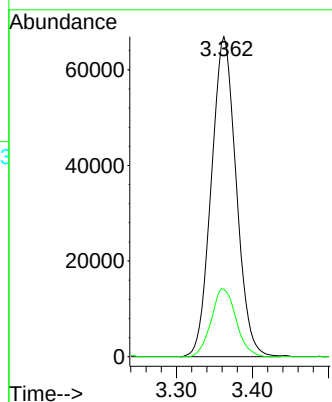
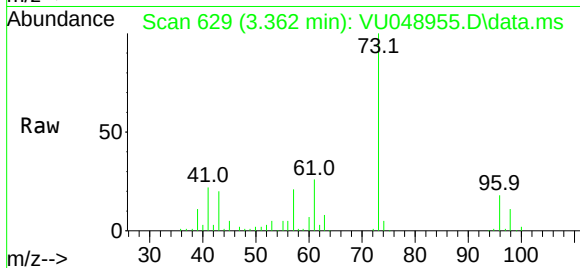
VU0608MBS01

Tgt Ion: 73 Resp: 151796

Ion Ratio Lower Upper

73 100

57 21.1 17.1 25.7



#20

Methylene Chloride

Concen: 20.747 ug/l

RT: 3.041 min Scan# 529

Delta R.T. -0.007 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Tgt Ion: 84 Resp: 47067

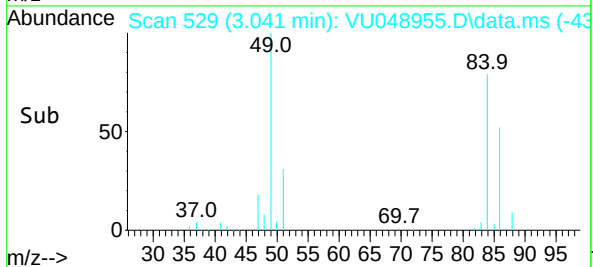
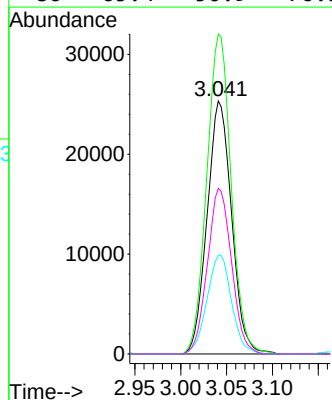
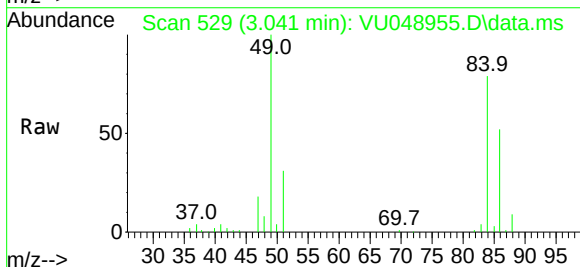
Ion Ratio Lower Upper

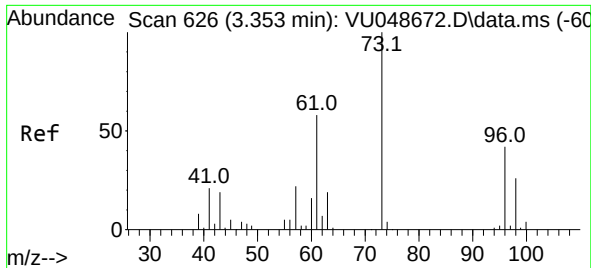
84 100

49 126.4 97.0 145.4

51 39.0 29.8 44.8

86 65.4 50.9 76.3

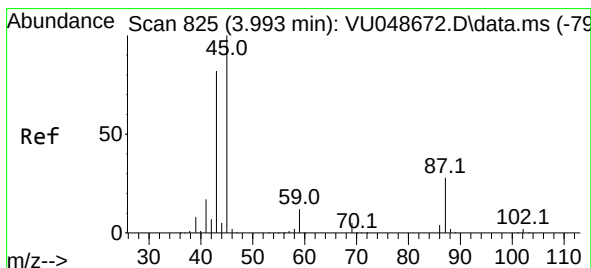
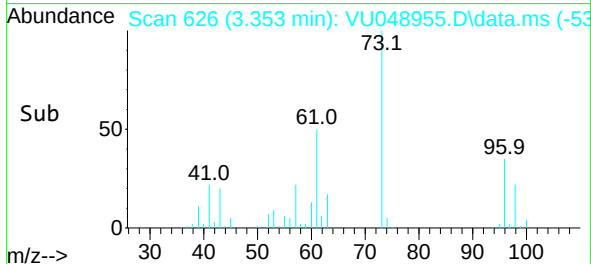
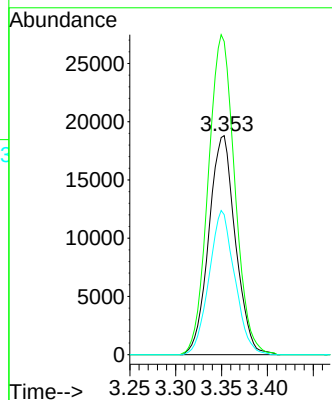
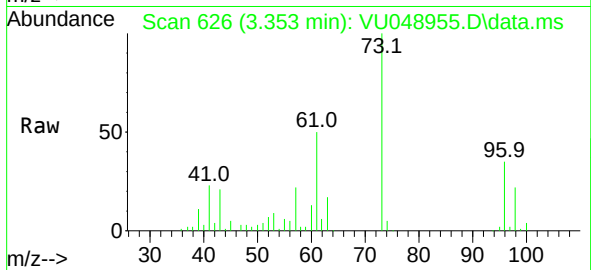




#21  
trans-1,2-Dichloroethene  
Concen: 18.675 ug/l  
RT: 3.353 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

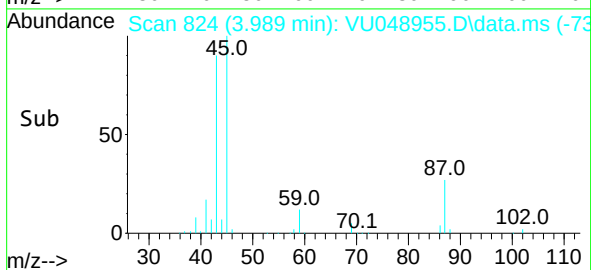
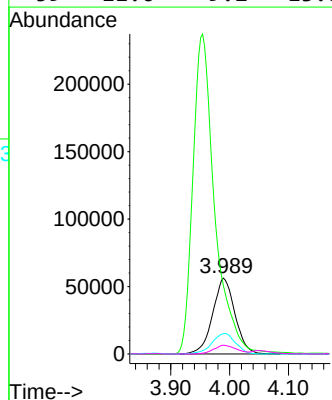
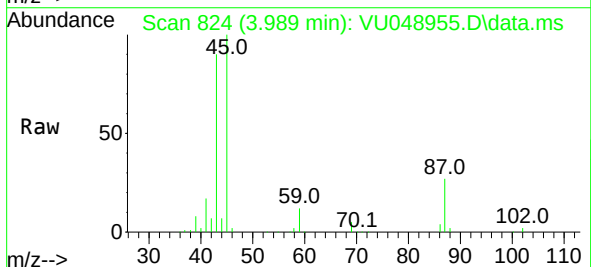
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

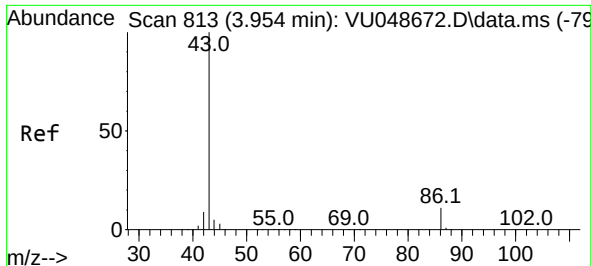
Tgt Ion: 96 Resp: 37898  
Ion Ratio Lower Upper  
96 100  
61 143.0 109.4 164.2  
98 63.9 48.9 73.3



#22  
Diisopropyl ether  
Concen: 23.253 ug/l  
RT: 3.989 min Scan# 824  
Delta R.T. -0.003 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 45 Resp: 147390  
Ion Ratio Lower Upper  
45 100  
43 88.2 65.2 97.8  
87 26.9 22.7 34.1  
59 11.6 9.2 13.8

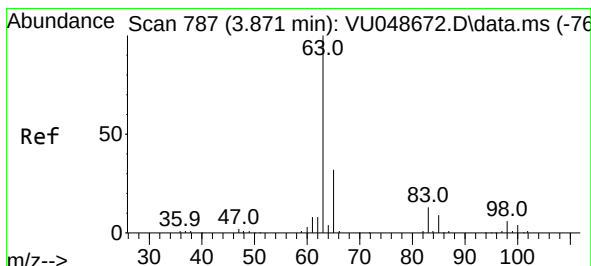
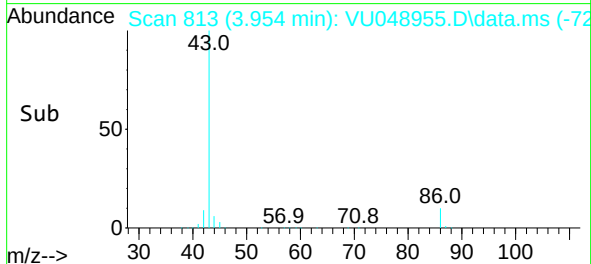
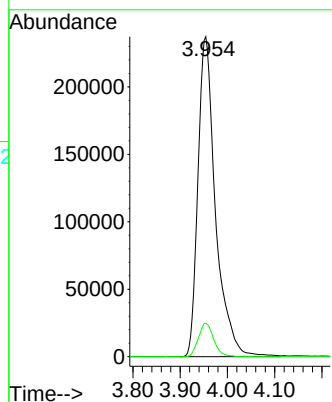
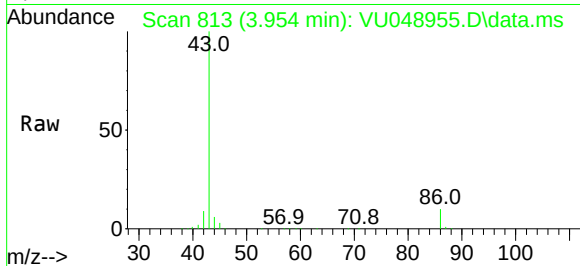




#23  
 Vinyl Acetate  
 Concen: 111.513 ug/l  
 RT: 3.954 min Scan# 813  
 Delta R.T. -0.000 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

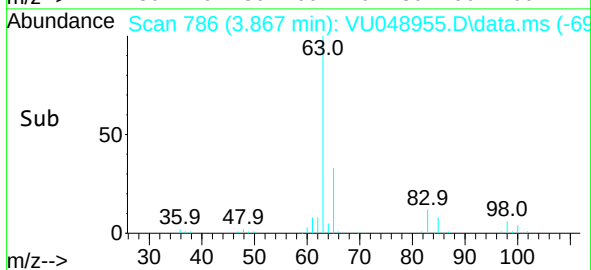
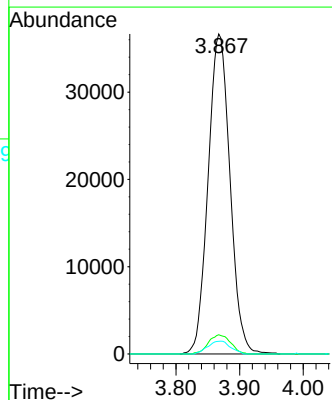
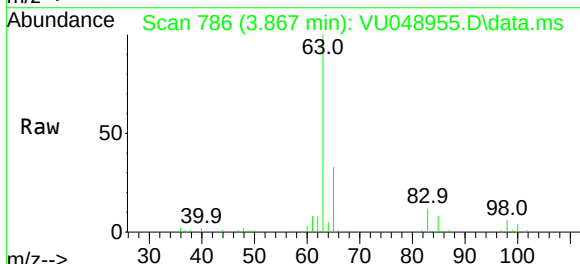
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0608MBS01

Tgt Ion: 43 Resp: 612394  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 8.4 12.6

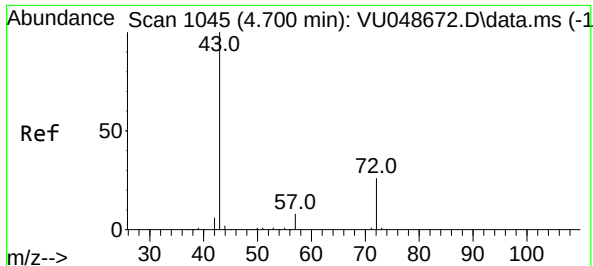


#24  
 1,1-Dichloroethane  
 Concen: 22.002 ug/l  
 RT: 3.867 min Scan# 786  
 Delta R.T. -0.003 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

Tgt Ion: 63 Resp: 87588  
 Ion Ratio Lower Upper  
 63 100  
 98 6.0 3.1 9.3  
 100 4.0 2.0 5.8







#25

2-Butanone

Concen: 124.104 ug/l

RT: 4.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Instrument :

MSVOA\_U

ClientSampleId :

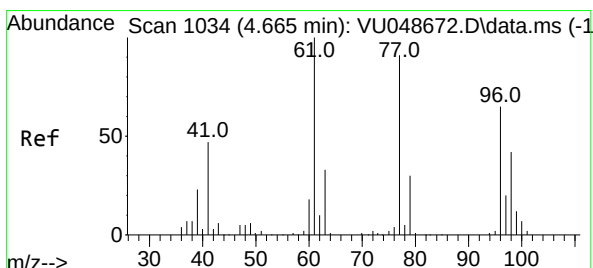
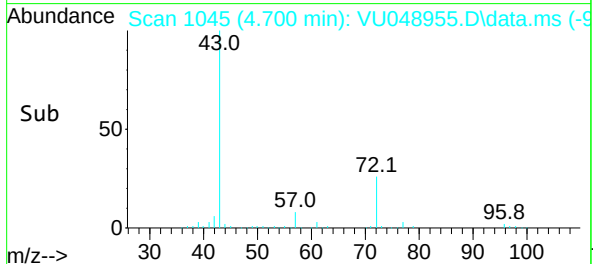
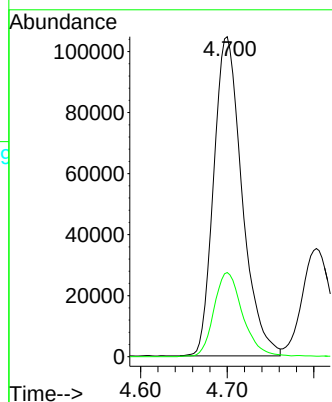
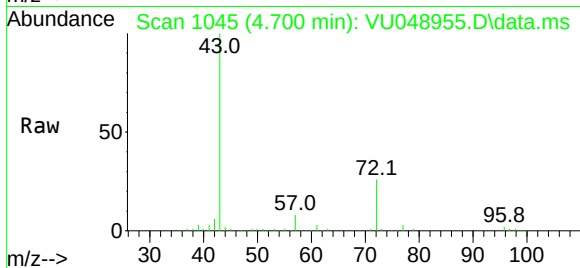
VU0608MBS01

Tgt Ion: 43 Resp: 237849

Ion Ratio Lower Upper

43 100

72 26.2 21.1 31.7



#26

2,2-Dichloropropane

Concen: 20.022 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU048955.D

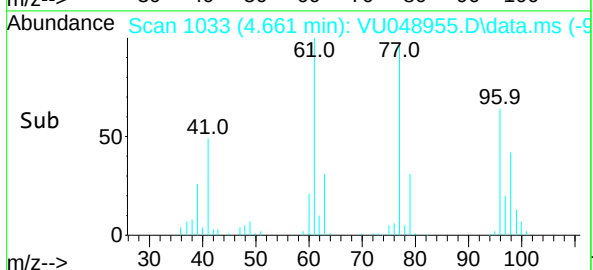
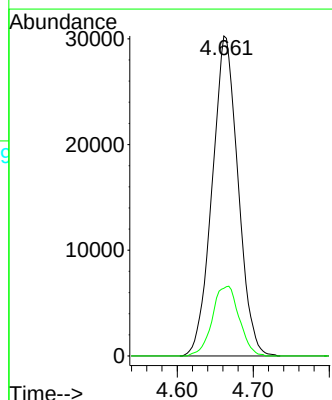
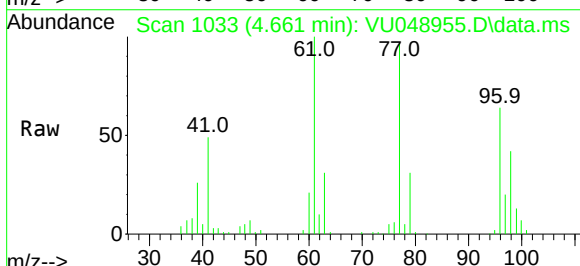
Acq: 08 Jun 2022 11:47

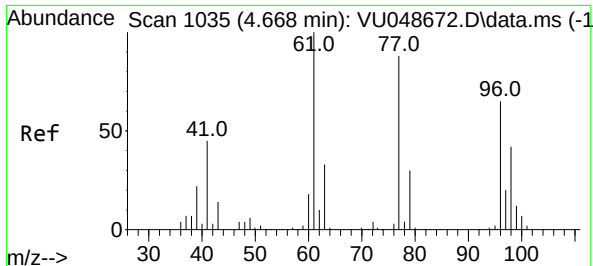
Tgt Ion: 77 Resp: 71505

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.1

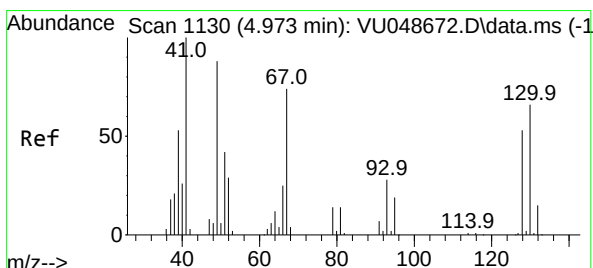
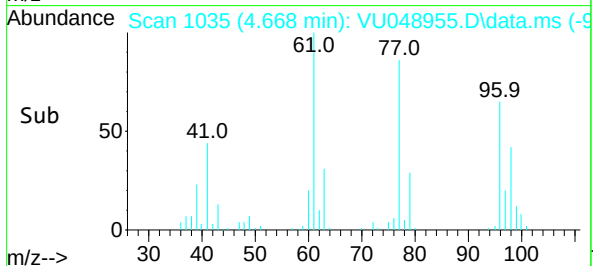
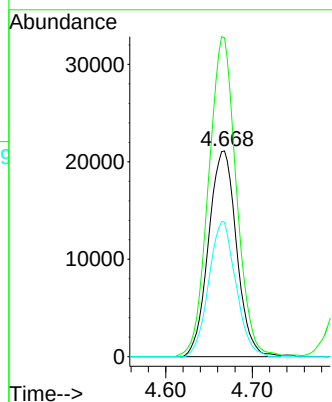
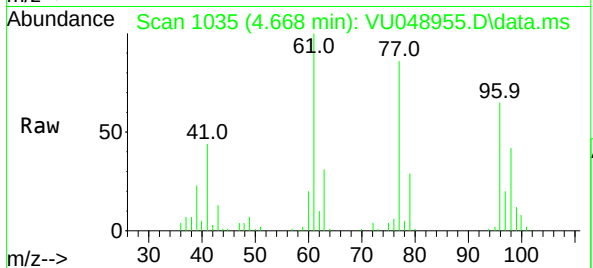




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.213 ug/l  
 RT: 4.668 min Scan# 110  
 Delta R.T. -0.000 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

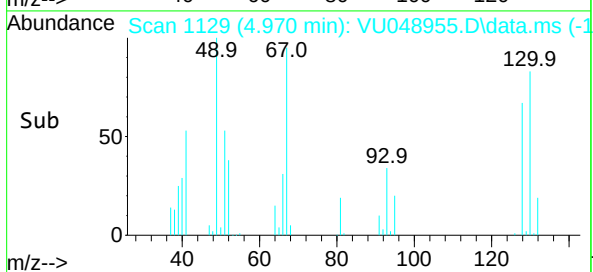
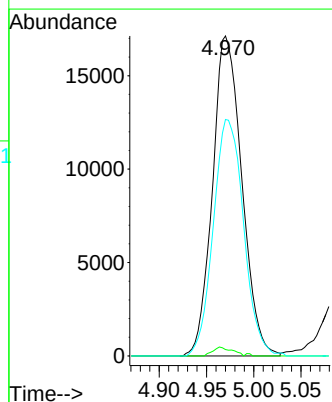
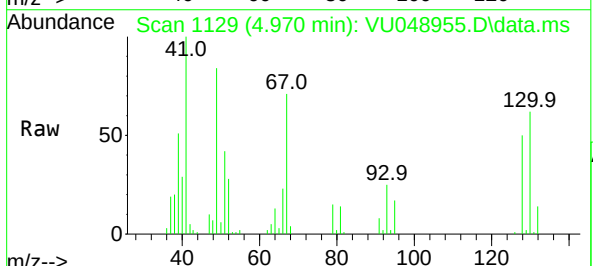
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0608MBS01

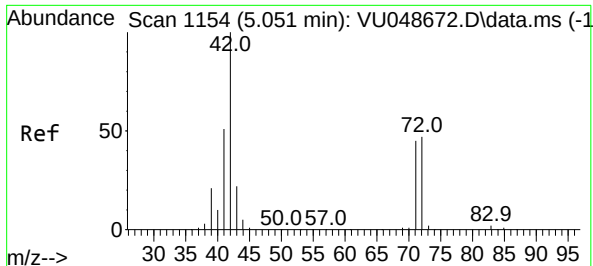
|             |             |       |       |
|-------------|-------------|-------|-------|
| Tgt Ion: 96 | Resp: 47480 |       |       |
| Ion Ratio   | Lower       | Upper |       |
| 96          | 100         |       |       |
| 61          | 153.9       | 0.0   | 306.2 |
| 98          | 63.6        | 0.0   | 130.4 |



#28  
 Bromochloromethane  
 Concen: 23.705 ug/l  
 RT: 4.970 min Scan# 1129  
 Delta R.T. -0.003 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 37013 |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 1.8     | 0.0 4.0     |
| 130 76.3    | 62.1 93.1   |





#29

Tetrahydrofuran

Concen: 123.443 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. -0.003 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Instrument :

MSVOA\_U

ClientSampleId :

VU0608MBS01

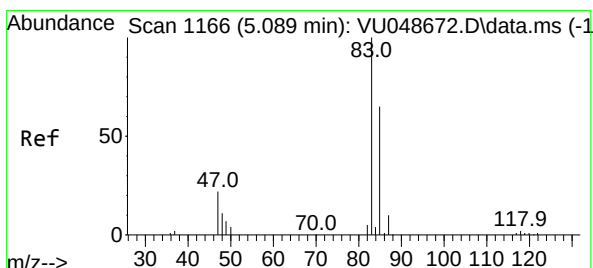
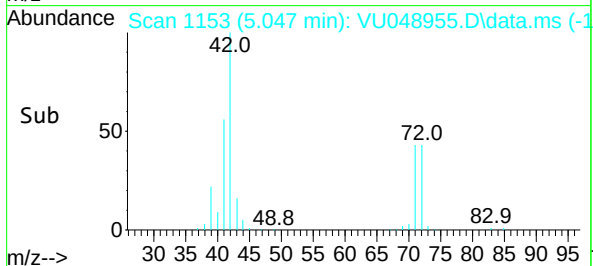
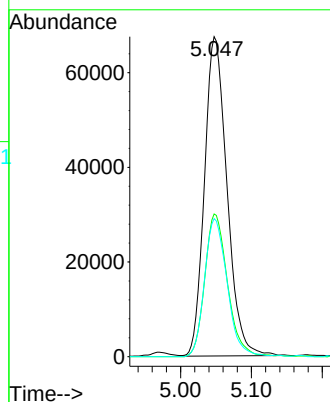
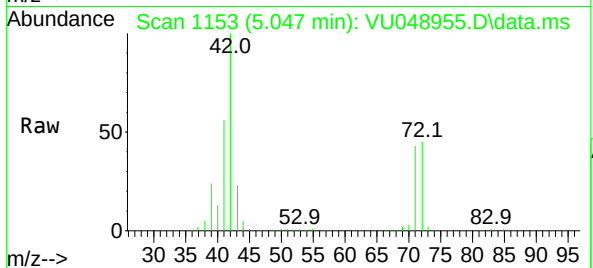
Tgt Ion: 42 Resp: 149022

Ion Ratio Lower Upper

42 100

72 45.1 37.6 56.4

71 43.3 35.0 52.4



#30

Chloroform

Concen: 22.411 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU048955.D

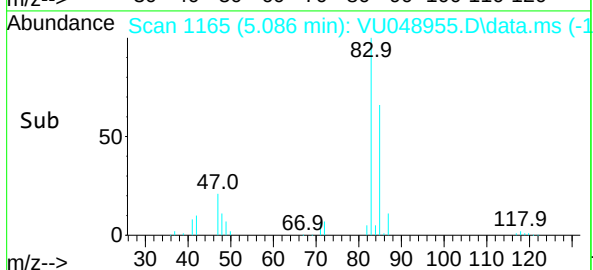
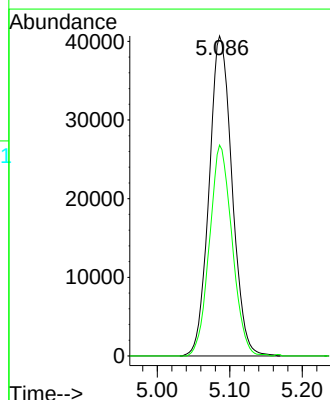
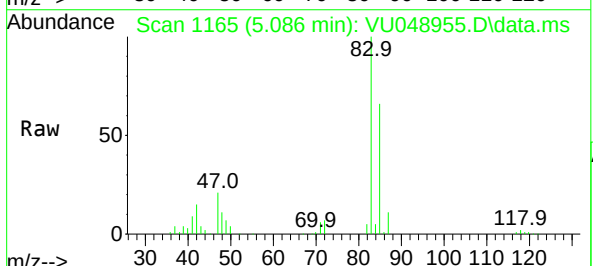
Acq: 08 Jun 2022 11:47

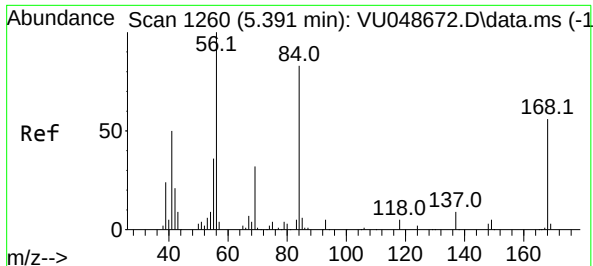
Tgt Ion: 83 Resp: 89267

Ion Ratio Lower Upper

83 100

85 65.9 52.2 78.2

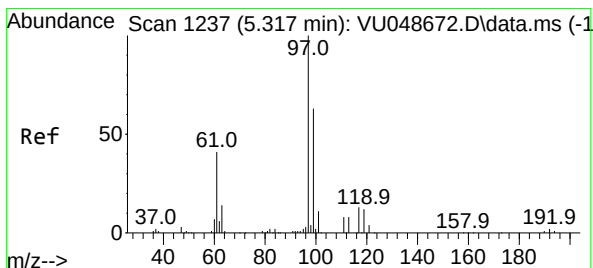
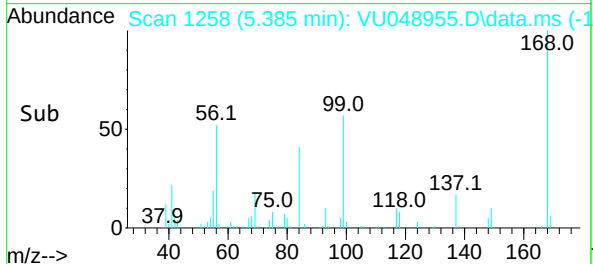
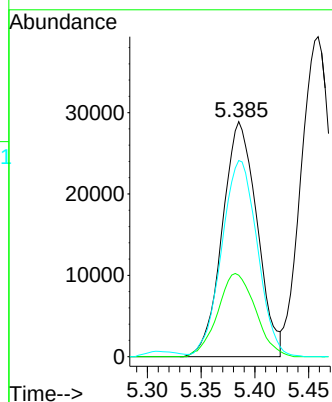
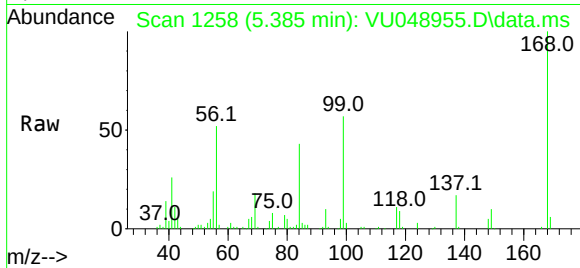




#31  
Cyclohexane  
Concen: 19.653 ug/l  
RT: 5.385 min Scan# 1258  
Delta R.T. -0.007 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

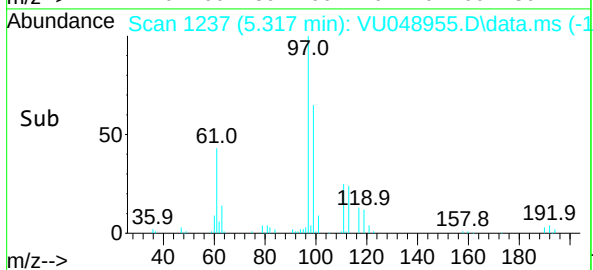
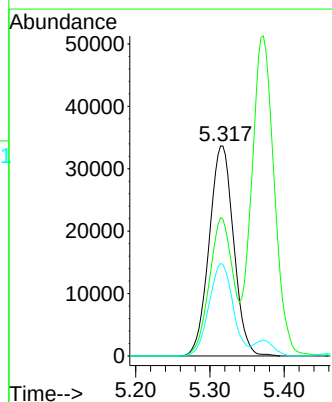
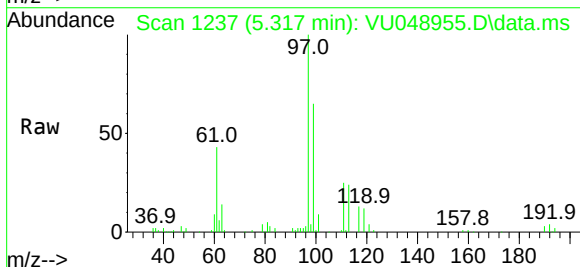
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

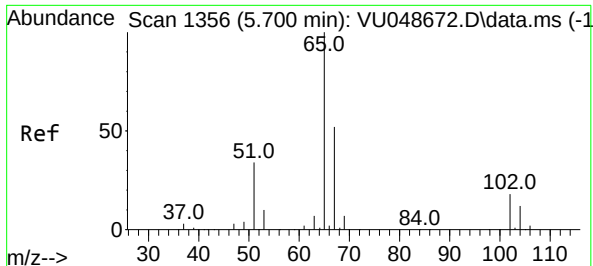
Tgt Ion: 56 Resp: 64834  
Ion Ratio Lower Upper  
56 100  
69 34.6 25.6 38.4  
84 82.1 66.2 99.4



#32  
1,1,1-Trichloroethane  
Concen: 21.315 ug/l  
RT: 5.317 min Scan# 1237  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 97 Resp: 77025  
Ion Ratio Lower Upper  
97 100  
99 62.9 51.6 77.4  
61 43.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 59.379 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Instrument :

MSVOA\_U

ClientSampleId :

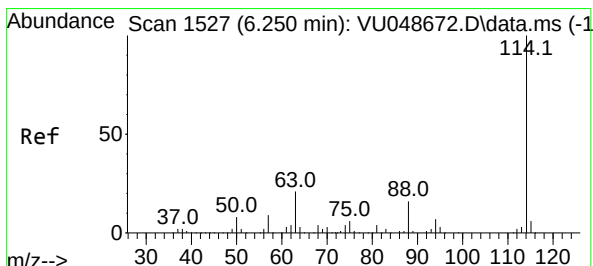
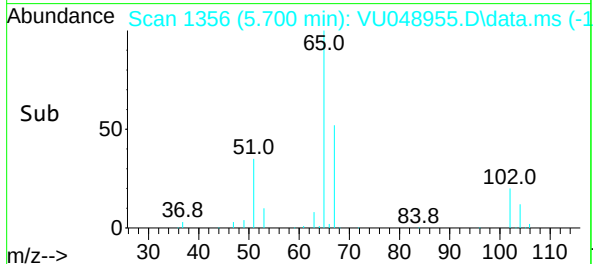
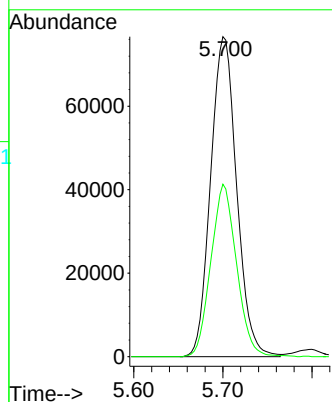
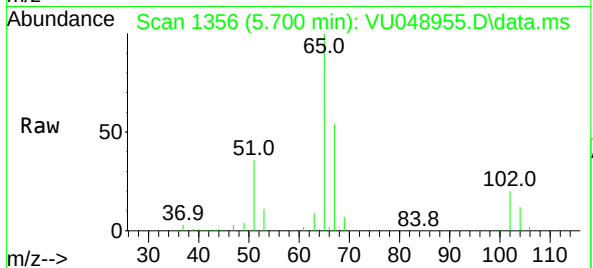
VU0608MBS01

Tgt Ion: 65 Resp: 155440

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

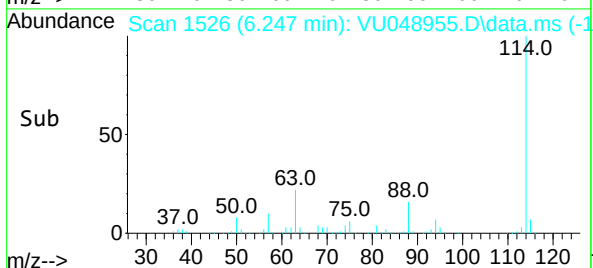
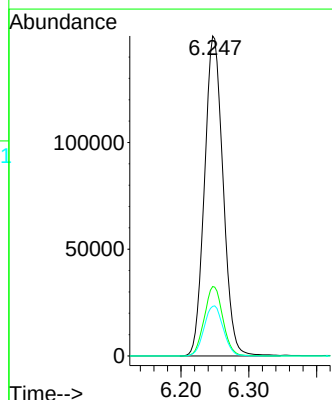
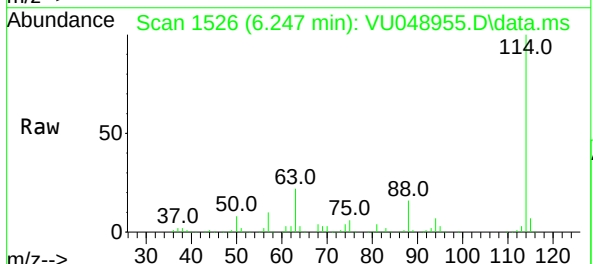
Tgt Ion: 114 Resp: 285211

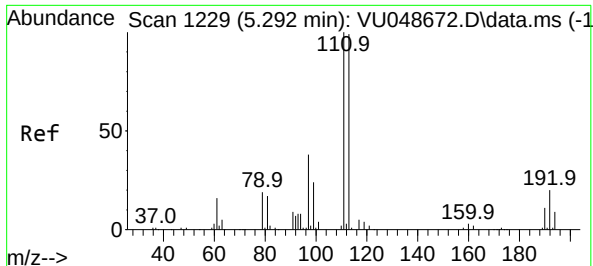
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

88 15.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 59.423 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Instrument :

MSVOA\_U

ClientSampleId :

VU0608MBS01

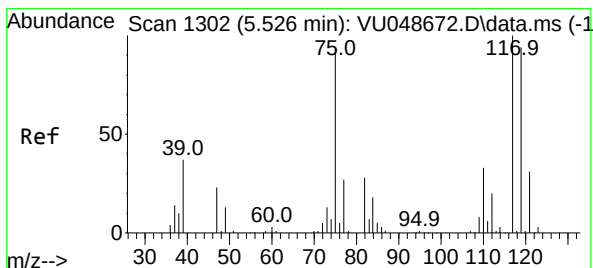
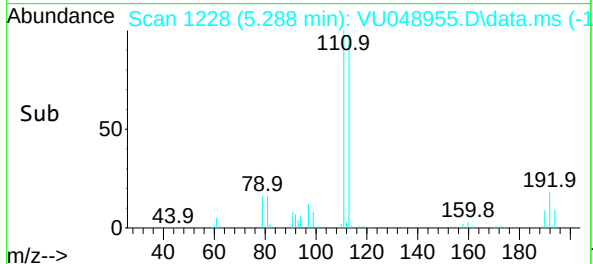
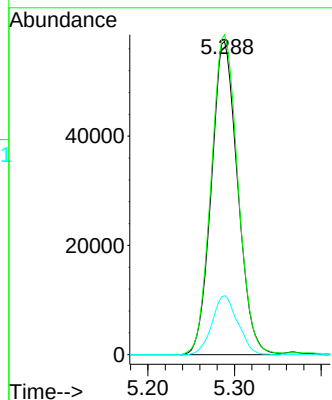
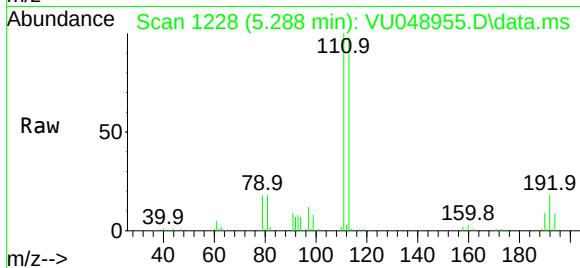
Tgt Ion:113 Resp: 120911

Ion Ratio Lower Upper

113 100

111 103.9 80.7 121.1

192 18.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 18.682 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

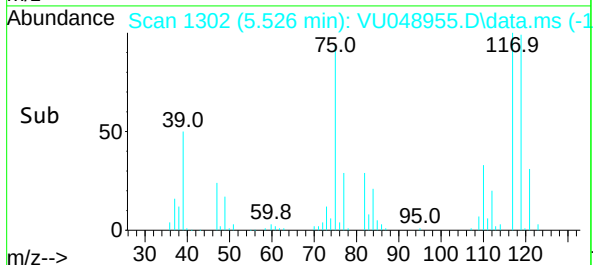
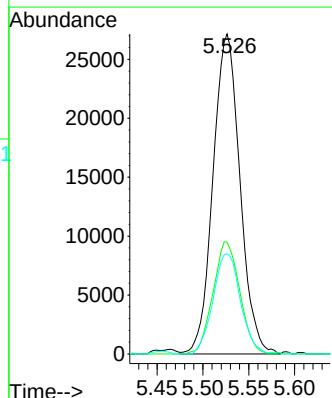
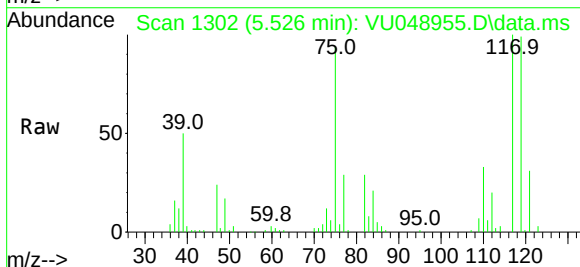
Tgt Ion: 75 Resp: 55479

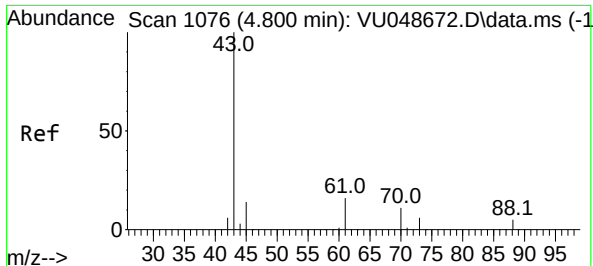
Ion Ratio Lower Upper

75 100

110 34.7 17.4 52.3

77 31.7 24.8 37.2





#37

Ethyl Acetate

Concen: 22.126 ug/l

RT: 4.803 min Scan# 110

Delta R.T. 0.003 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Instrument :

MSVOA\_U

ClientSampleId :

VU0608MBS01

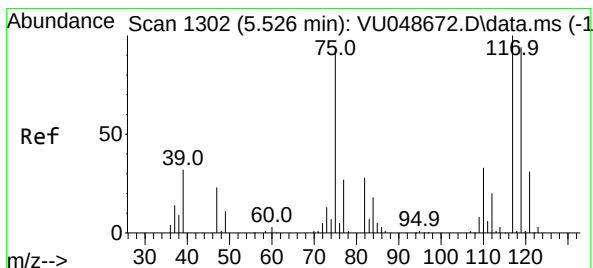
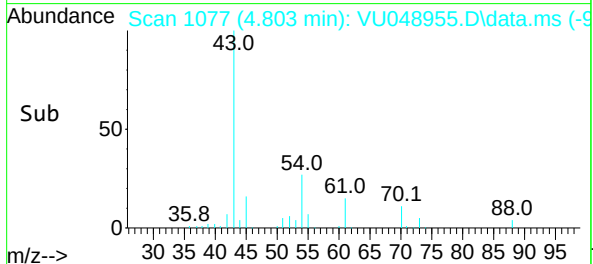
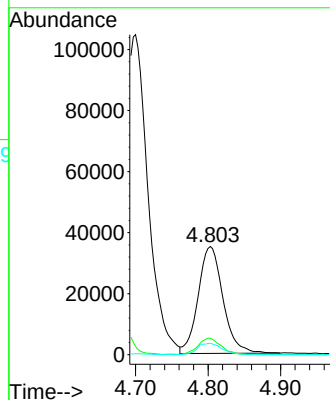
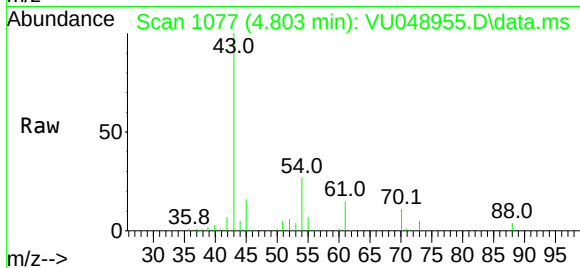
Tgt Ion: 43 Resp: 83066

Ion Ratio Lower Upper

43 100

61 14.5 11.7 17.5

70 10.6 8.4 12.6



#38

Carbon Tetrachloride

Concen: 19.053 ug/l

RT: 5.523 min Scan# 1301

Delta R.T. -0.003 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

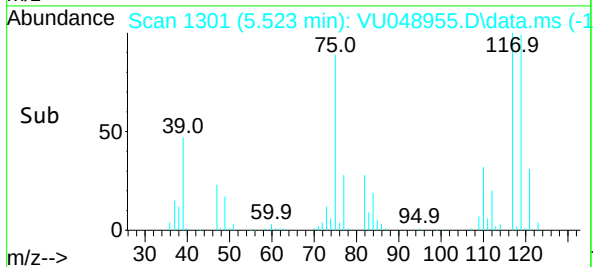
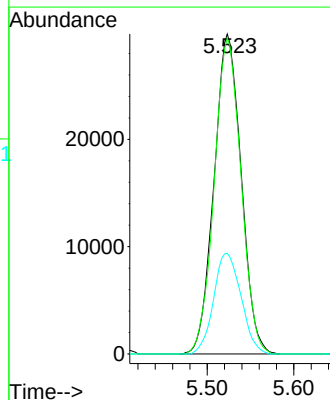
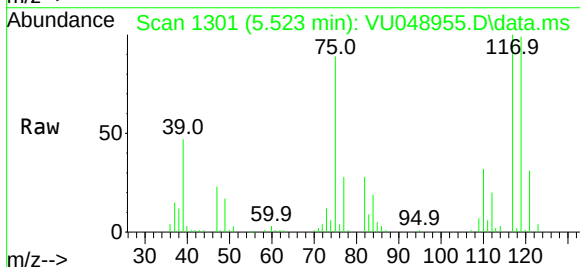
Tgt Ion: 117 Resp: 64914

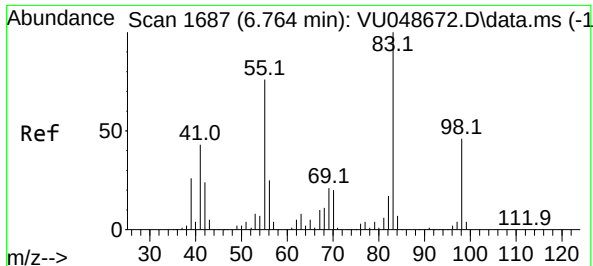
Ion Ratio Lower Upper

117 100

119 98.7 75.4 113.2

121 31.5 24.6 36.8





#39

Methylcyclohexane

Concen: 18.734 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Instrument :

MSVOA\_U

ClientSampleId :

VU0608MBS01

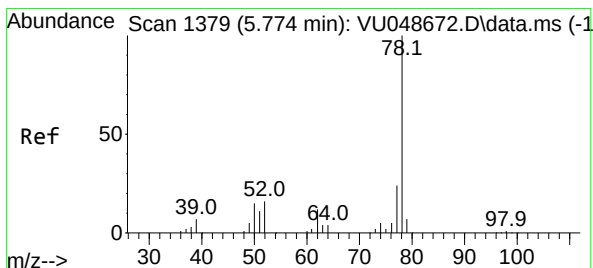
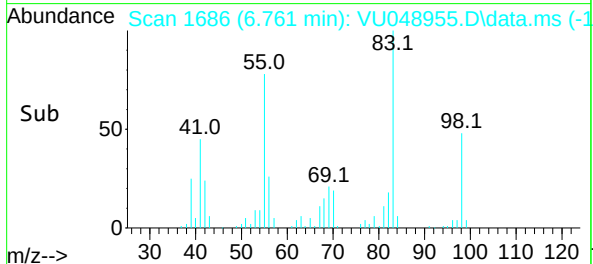
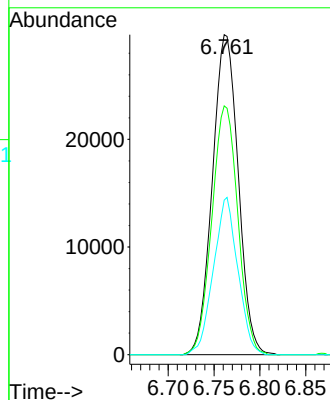
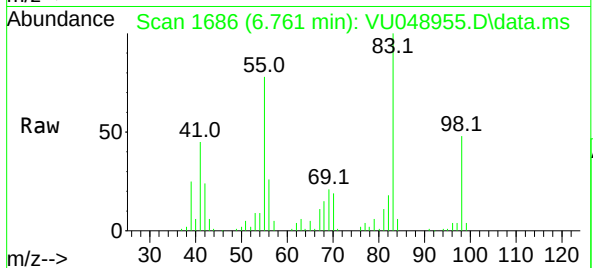
Tgt Ion: 83 Resp: 58335

Ion Ratio Lower Upper

83 100

55 77.8 61.0 91.6

98 48.3 36.8 55.2



#40

Benzene

Concen: 20.410 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VU048955.D

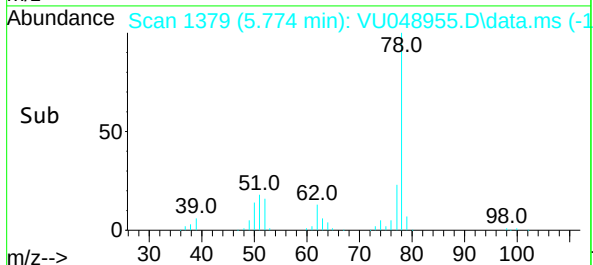
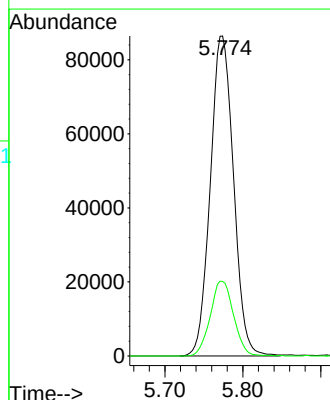
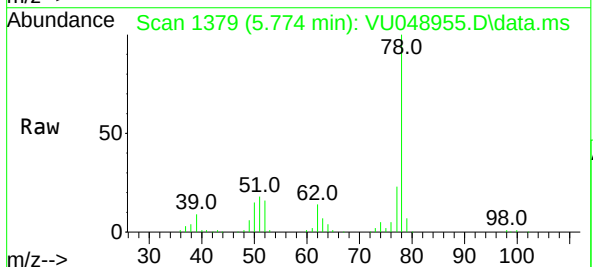
Acq: 08 Jun 2022 11:47

Tgt Ion: 78 Resp: 178944

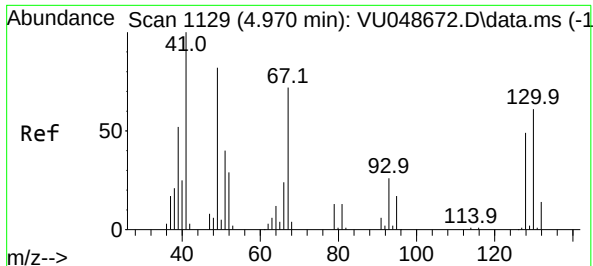
Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6





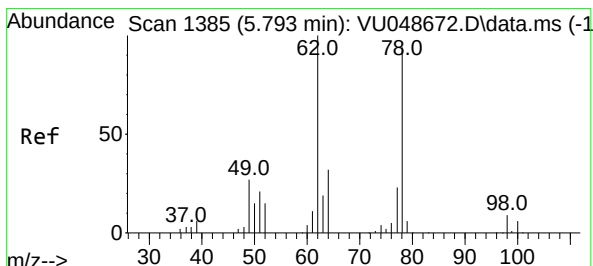
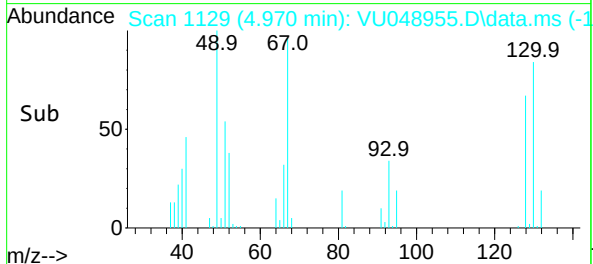
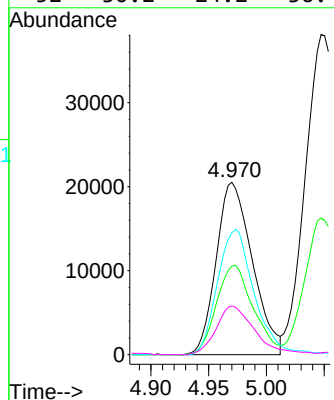
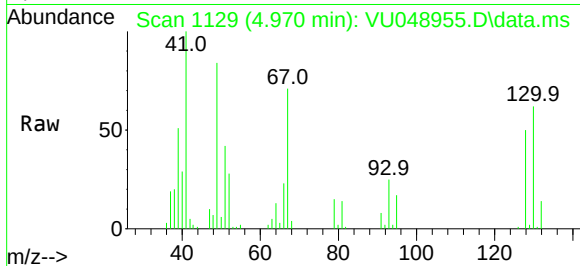


#41  
Methacrylonitrile  
Concen: 23.586 ug/l  
RT: 4.970 min Scan# 1129  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

Tgt Ion: 41 Resp: 44746

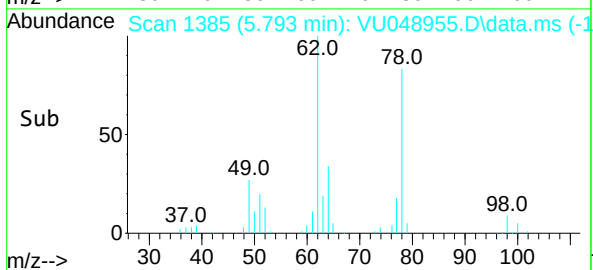
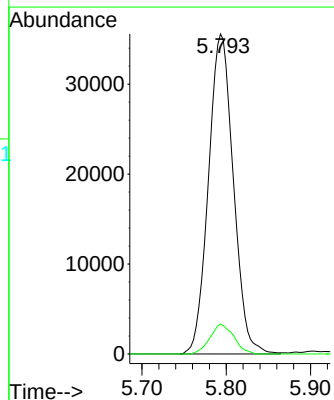
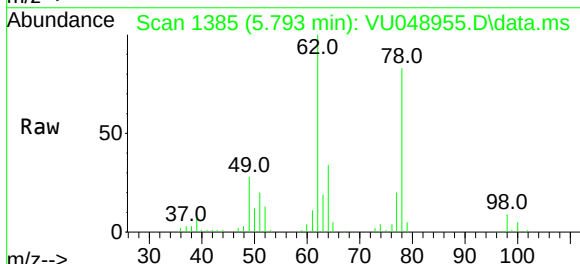
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 52.6  | 42.6  | 64.0  |
| 67  | 73.7  | 61.0  | 91.4  |
| 52  | 30.2  | 24.2  | 36.4  |

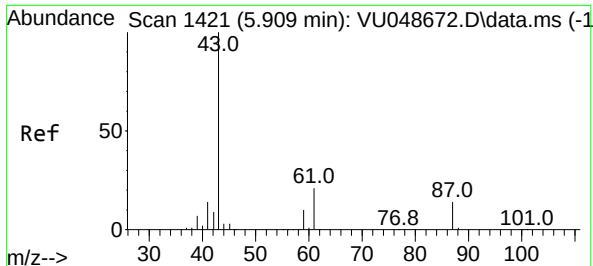


#42  
1,2-Dichloroethane  
Concen: 21.288 ug/l  
RT: 5.793 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 62 Resp: 73062

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.9   | 0.0   | 17.0  |

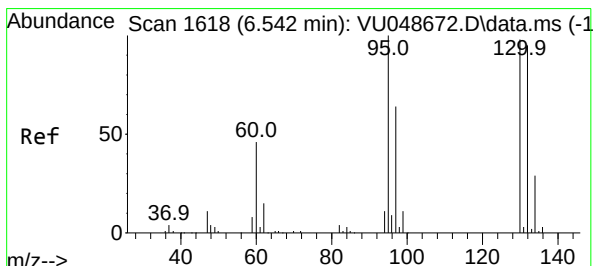
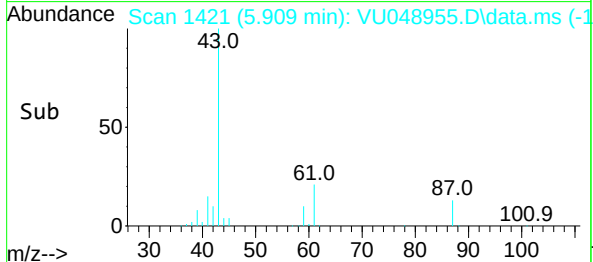
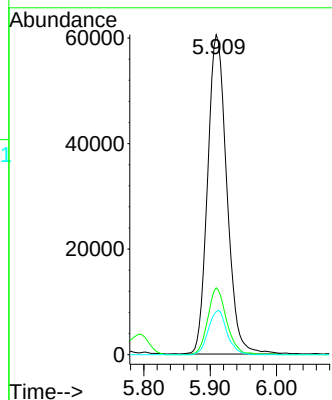
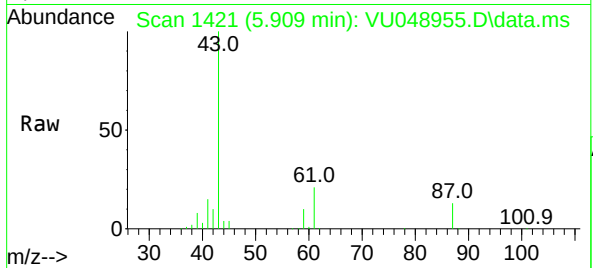




#43  
Isopropyl Acetate  
Concen: 22.308 ug/l  
RT: 5.909 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

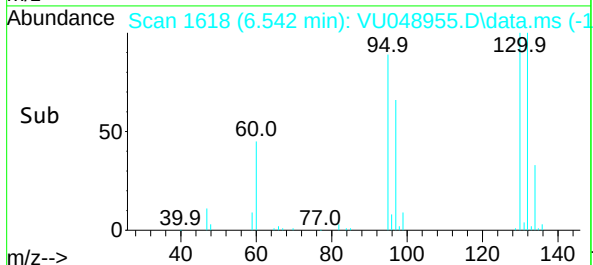
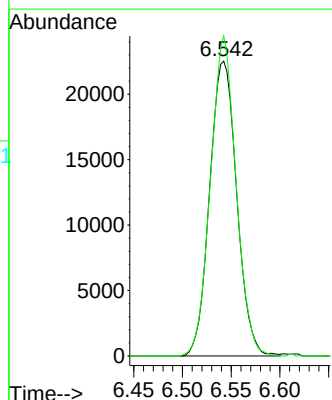
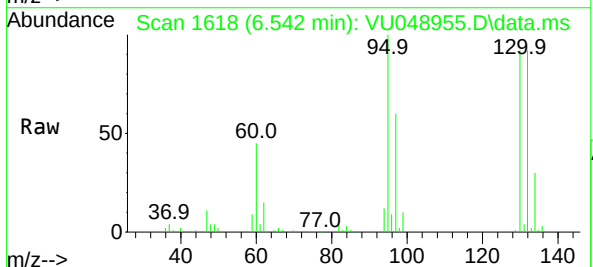
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

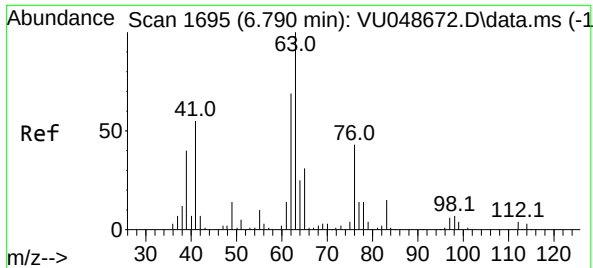
Tgt Ion: 43 Resp: 121555  
Ion Ratio Lower Upper  
43 100  
61 20.5 16.7 25.1  
87 13.4 10.9 16.3



#44  
Trichloroethene  
Concen: 19.284 ug/l  
RT: 6.542 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion:130 Resp: 43557  
Ion Ratio Lower Upper  
130 100  
95 108.5 0.0 204.8





#45

1,2-Dichloropropane

Concen: 24.017 ug/l

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Instrument :

MSVOA\_U

ClientSampleId :

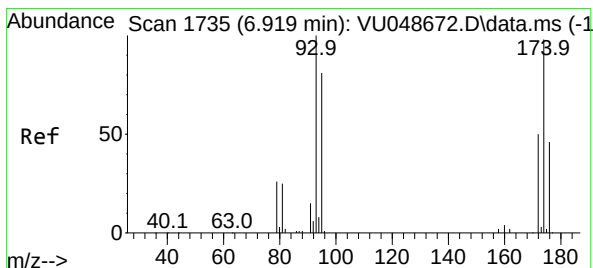
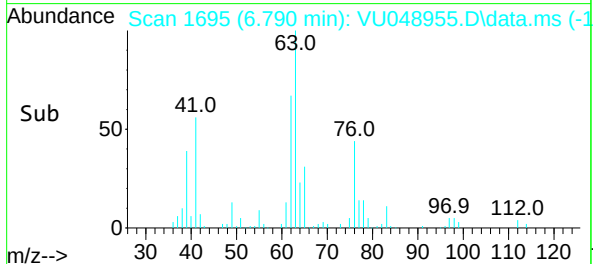
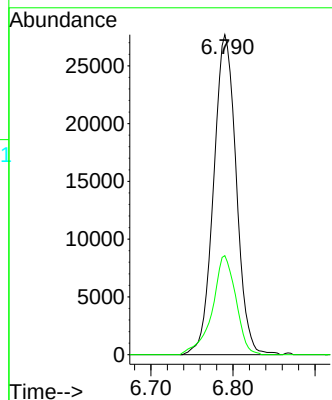
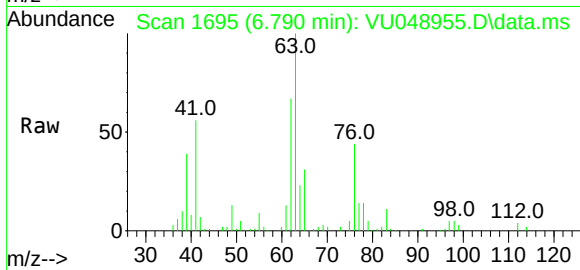
VU0608MBS01

Tgt Ion: 63 Resp: 53010

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#46

Dibromomethane

Concen: 21.670 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

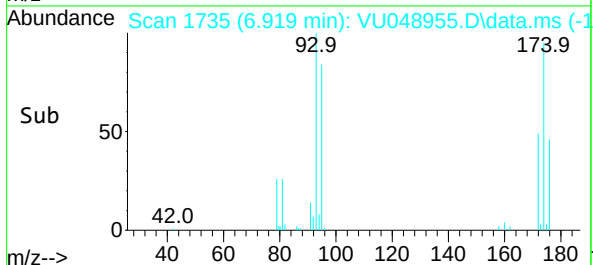
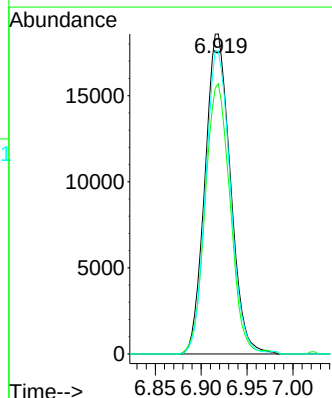
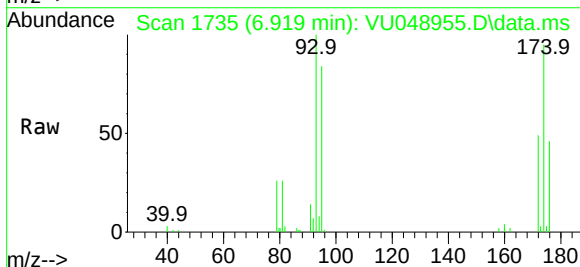
Tgt Ion: 93 Resp: 35735

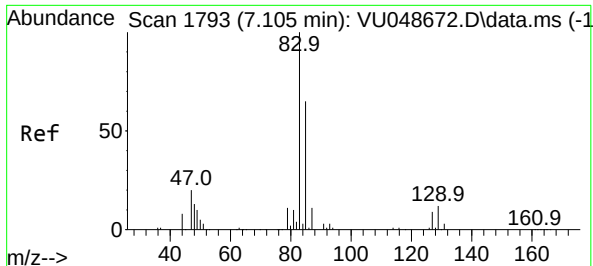
Ion Ratio Lower Upper

93 100

95 82.8 65.1 97.7

174 92.2 77.8 116.6





#47

Bromodichloromethane

Concen: 21.183 ug/l

RT: 7.105 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Instrument :

MSVOA\_U

ClientSampleId :

VU0608MBS01

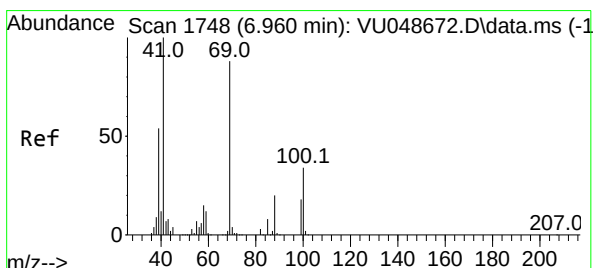
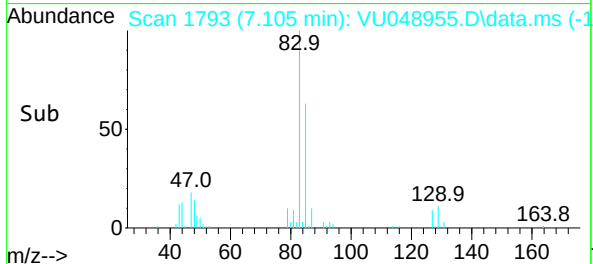
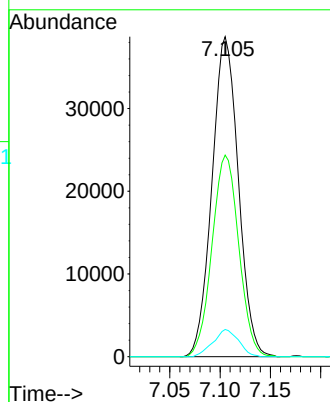
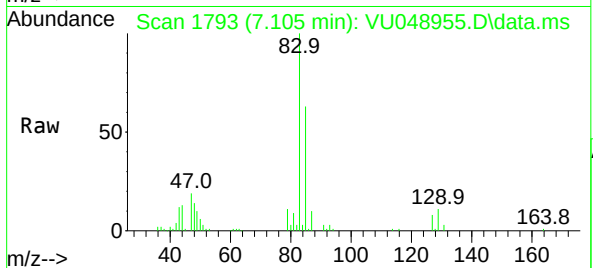
Tgt Ion: 83 Resp: 70640

Ion Ratio Lower Upper

83 100

85 63.0 52.1 78.1

127 8.5 6.9 10.3



#48

Methyl methacrylate

Concen: 22.719 ug/l

RT: 6.960 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

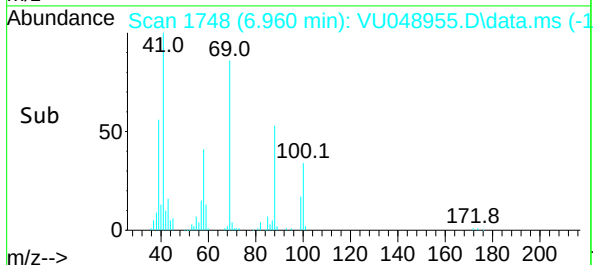
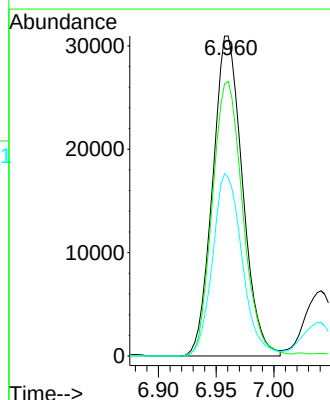
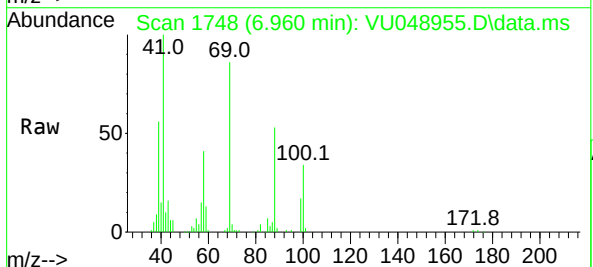
Tgt Ion: 41 Resp: 55573

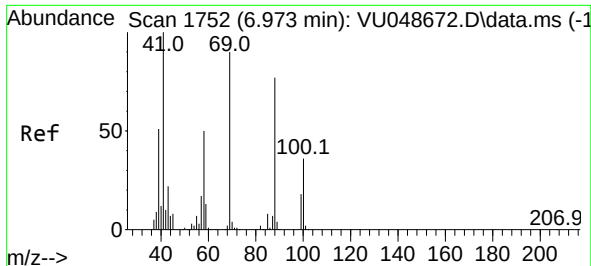
Ion Ratio Lower Upper

41 100

69 87.1 70.7 106.1

39 56.3 43.4 65.2





#49

1,4-Dioxane

Concen: 597.872 ug/l

RT: 6.964 min Scan# 11

Delta R.T. -0.010 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Instrument :

MSVOA\_U

ClientSampleId :

VU0608MBS01

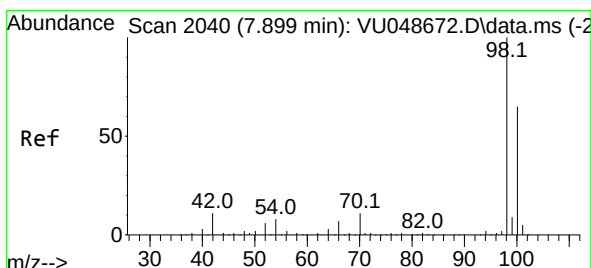
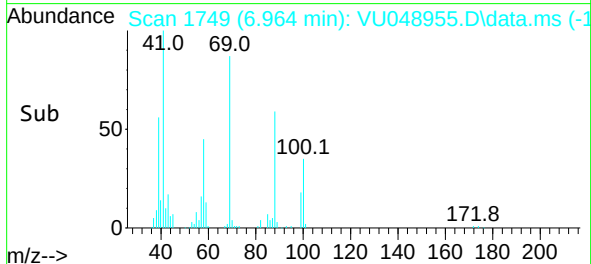
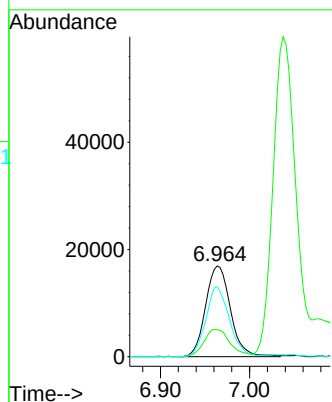
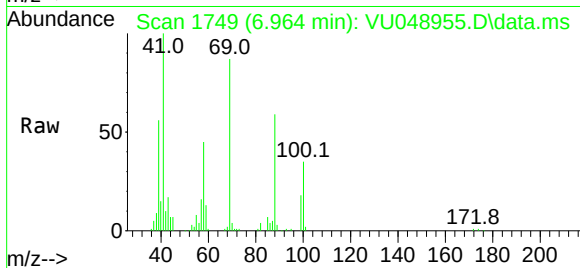
Tgt Ion: 88 Resp: 32693

Ion Ratio Lower Upper

88 100

43 31.9 24.6 36.8

58 73.0 54.7 82.1



#50

Toluene-d8

Concen: 54.507 ug/l

RT: 7.896 min Scan# 2039

Delta R.T. -0.003 min

Lab File: VU048955.D

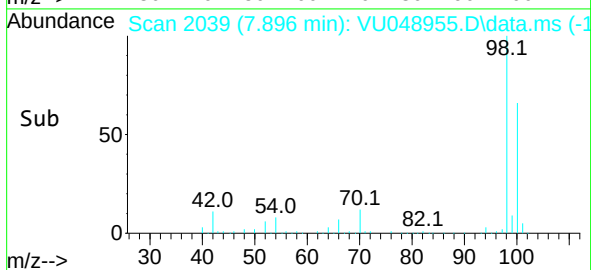
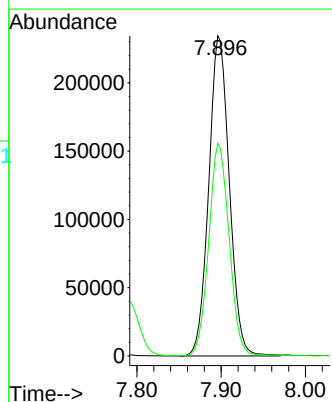
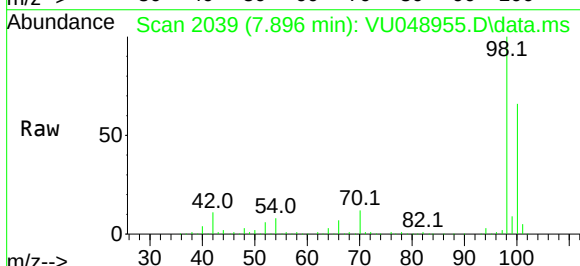
Acq: 08 Jun 2022 11:47

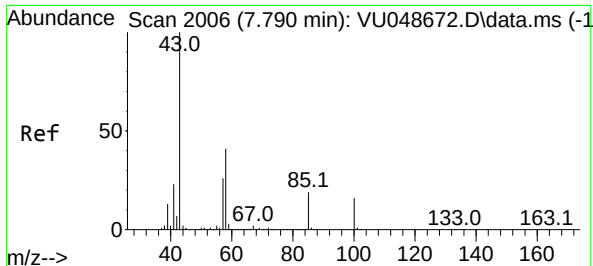
Tgt Ion: 98 Resp: 397564

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 128.468 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Instrument :

MSVOA\_U

ClientSampleId :

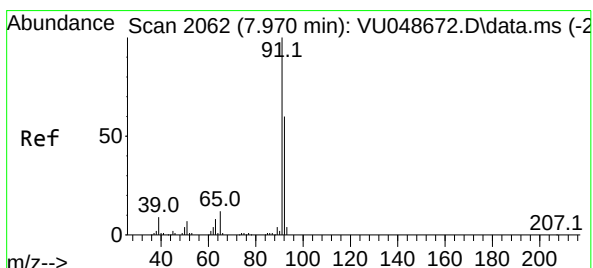
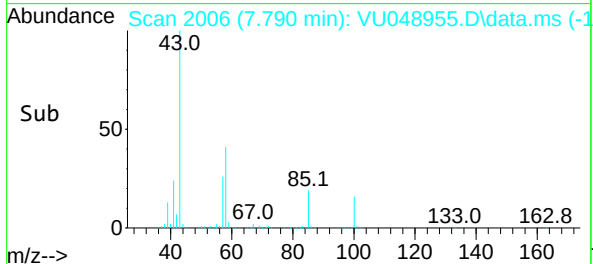
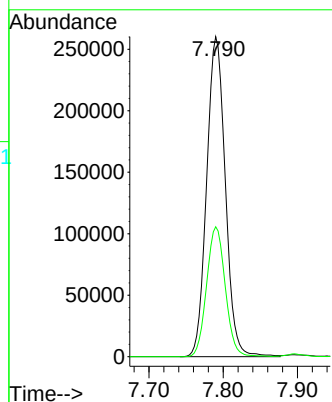
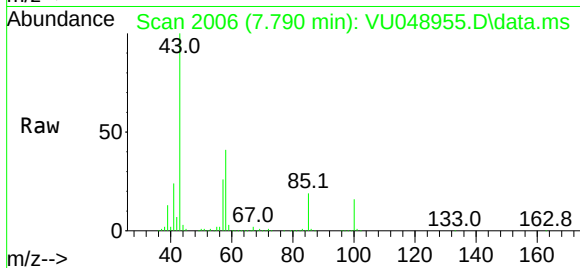
VU0608MBS01

Tgt Ion: 43 Resp: 454536

Ion Ratio Lower Upper

43 100

58 40.6 32.7 49.1



#52

Toluene

Concen: 20.686 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048955.D

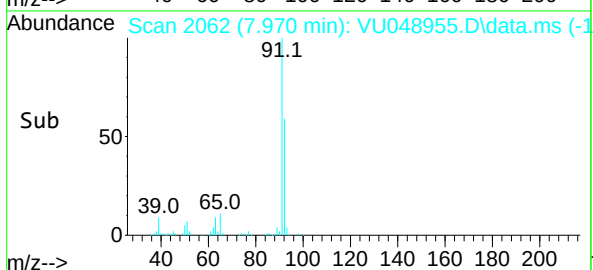
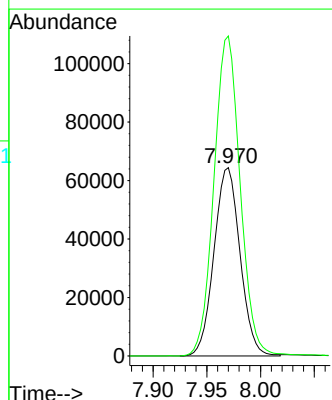
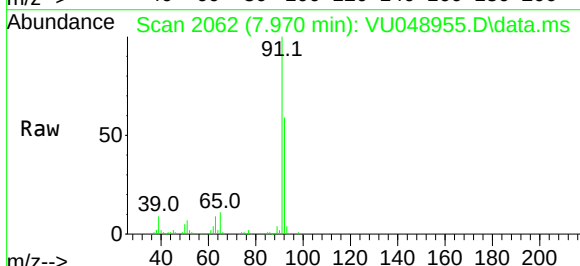
Acq: 08 Jun 2022 11:47

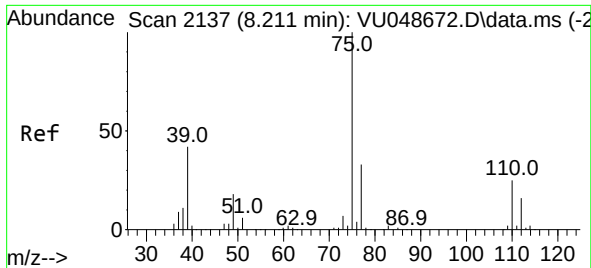
Tgt Ion: 92 Resp: 108481

Ion Ratio Lower Upper

92 100

91 171.0 135.0 202.4

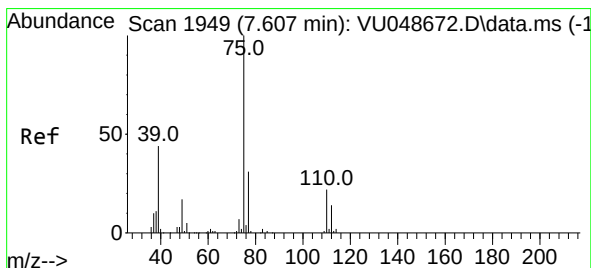
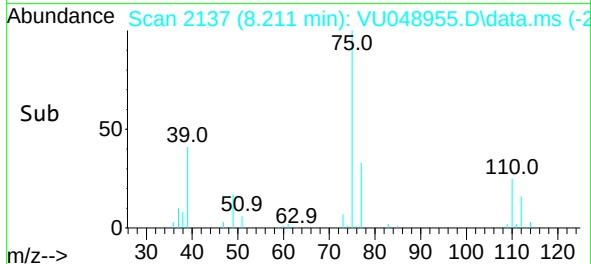
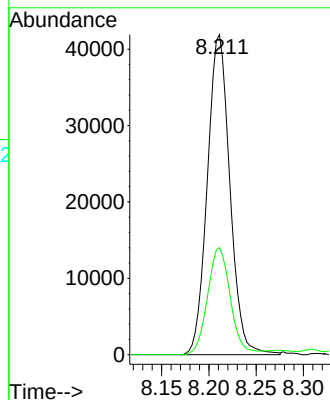
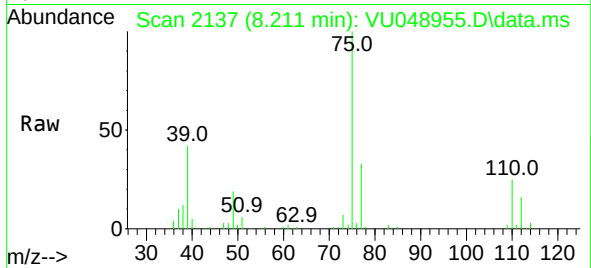




#53  
 t-1,3-Dichloropropene  
 Concen: 19.318 ug/l  
 RT: 8.211 min Scan# 2137  
 Delta R.T. -0.000 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

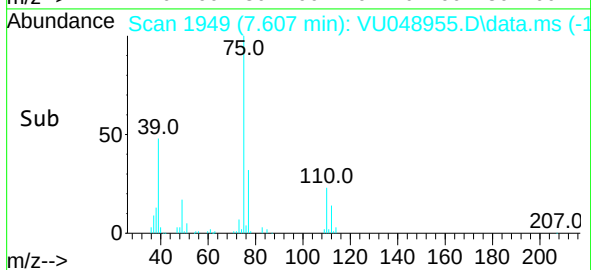
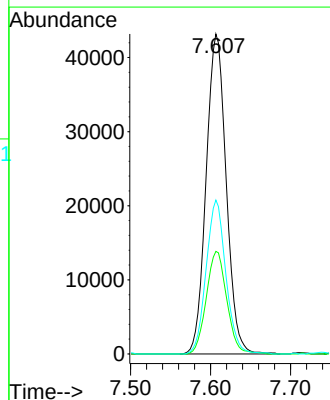
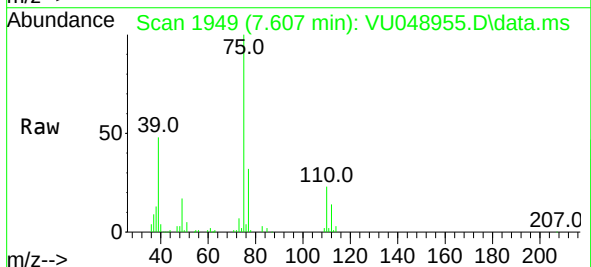
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0608MBS01

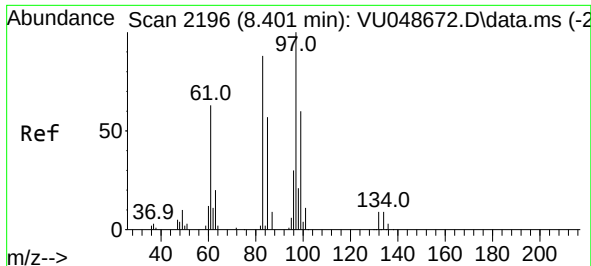
Tgt Ion: 75 Resp: 69494  
 Ion Ratio Lower Upper  
 75 100  
 77 33.5 26.2 39.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.230 ug/l  
 RT: 7.607 min Scan# 1949  
 Delta R.T. -0.000 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

Tgt Ion: 75 Resp: 75410  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 24.9 37.3  
 39 48.1 35.2 52.8

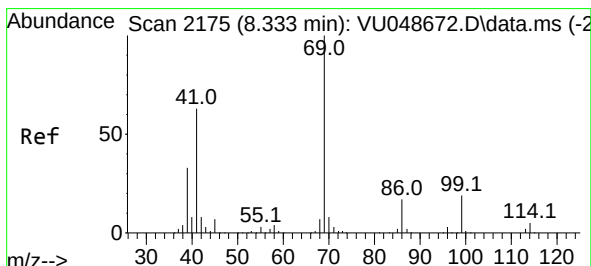
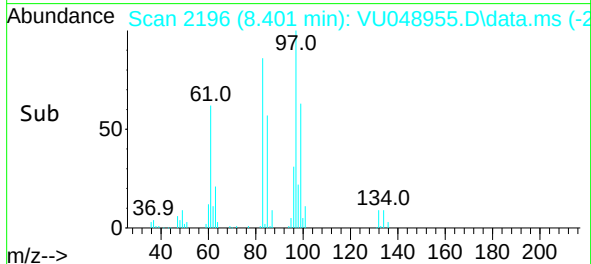
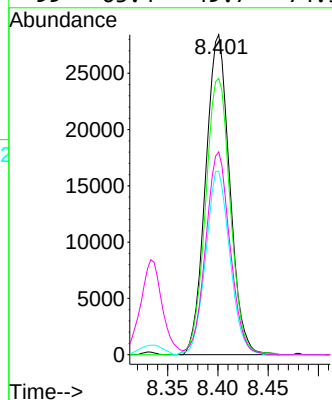
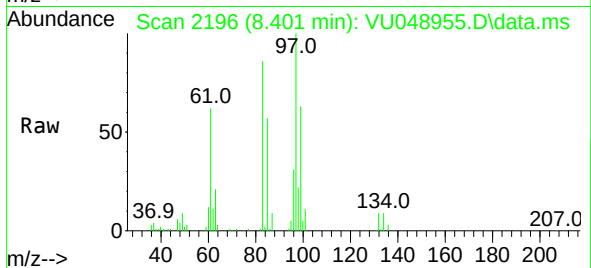




#55  
1,1,2-Trichloroethane  
Concen: 20.457 ug/l  
RT: 8.401 min Scan# 2196  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

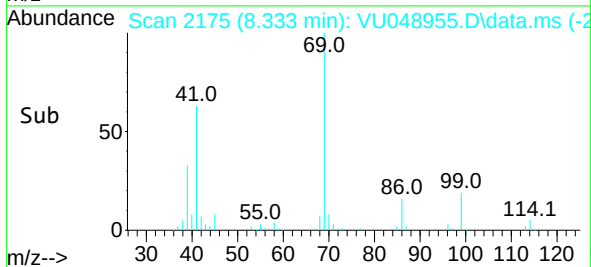
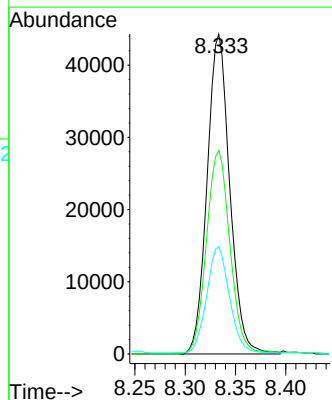
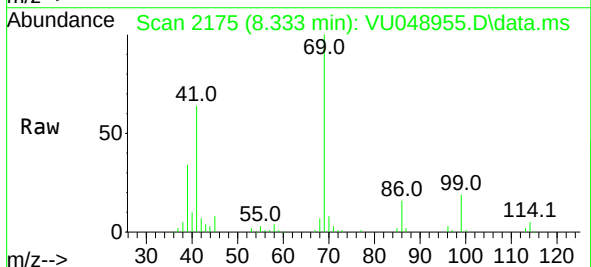
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 47347 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 86.3     | 70.2 105.4  |
| 85 57.4     | 45.6 68.4   |
| 99 63.4     | 49.7 74.5   |

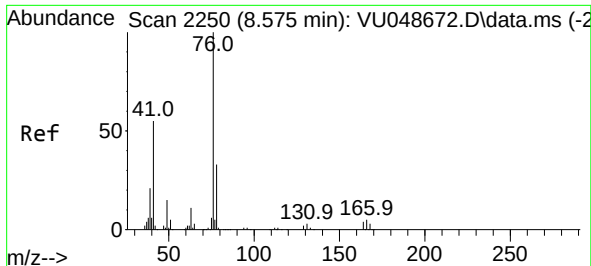


#56  
Ethyl methacrylate  
Concen: 20.603 ug/l  
RT: 8.333 min Scan# 2175  
Delta R.T. 0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 69424 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 66.5     | 50.6 76.0   |
| 39 32.8     | 26.6 40.0   |







#57

1,3-Dichloropropane

Concen: 20.968 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Instrument :

MSVOA\_U

ClientSampleId :

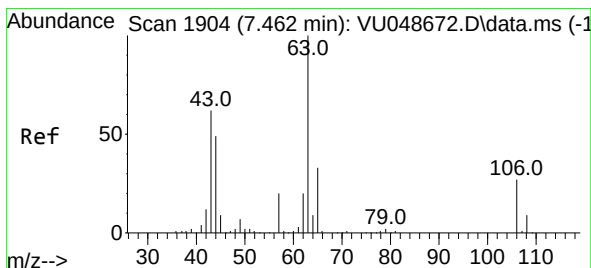
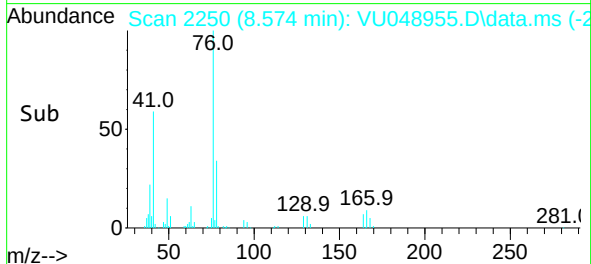
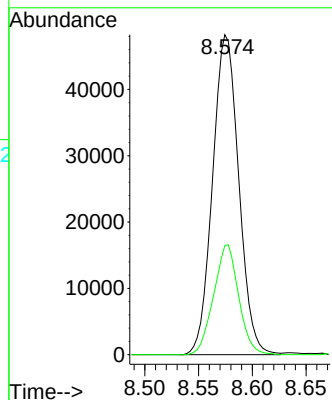
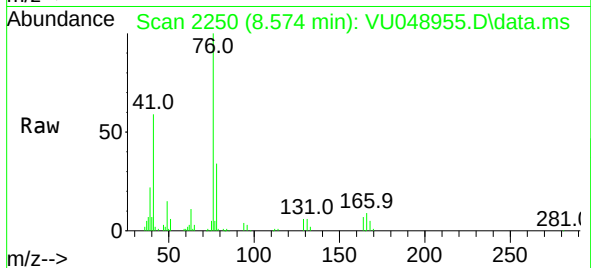
VU0608MBS01

Tgt Ion: 76 Resp: 81677

Ion Ratio Lower Upper

76 100

78 32.8 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 81.559 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VU048955.D

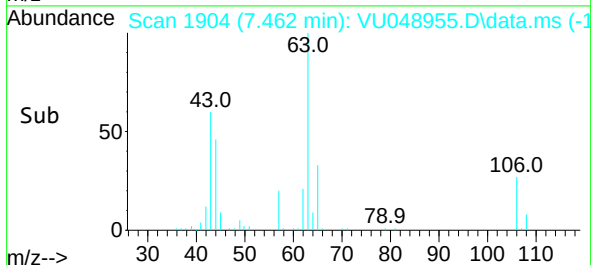
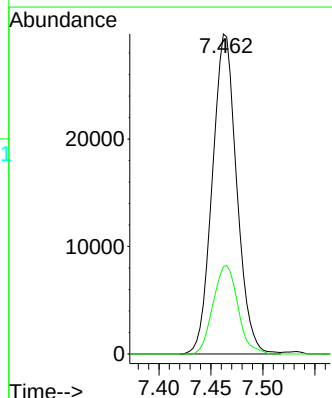
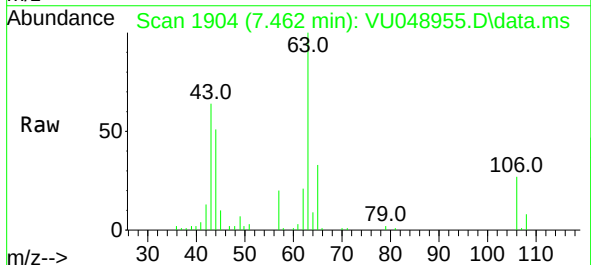
Acq: 08 Jun 2022 11:47

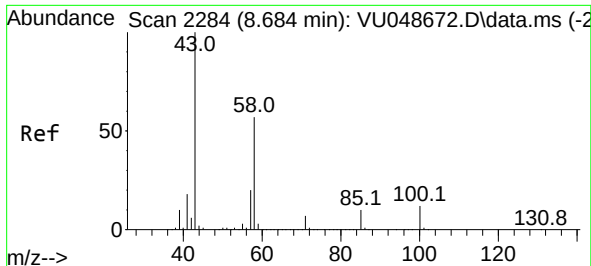
Tgt Ion: 63 Resp: 48625

Ion Ratio Lower Upper

63 100

106 28.0 22.2 33.2





#59

2-Hexanone

Concen: 118.226 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Instrument :

MSVOA\_U

ClientSampleId :

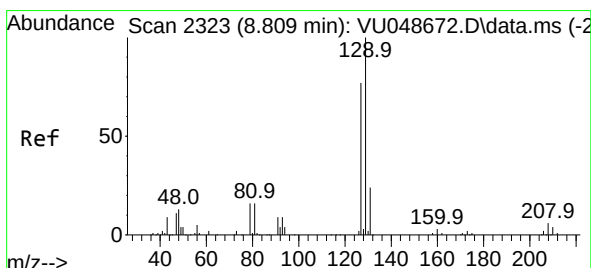
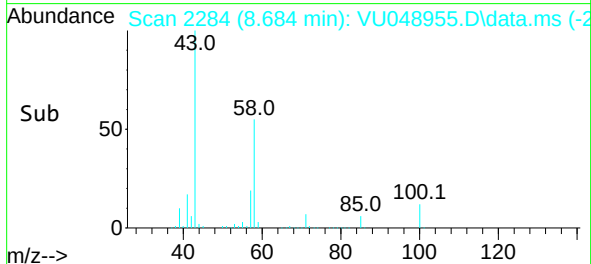
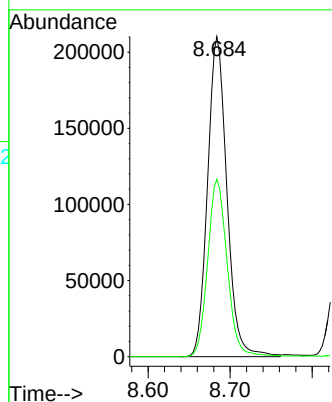
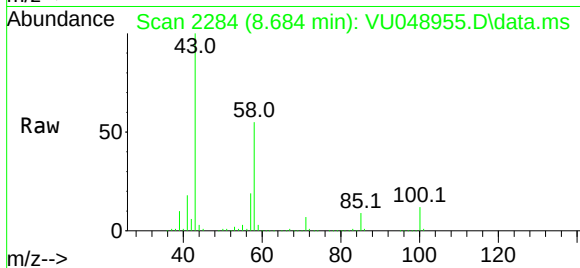
VU0608MBS01

Tgt Ion: 43 Resp: 343410

Ion Ratio Lower Upper

43 100

58 56.0 28.2 84.6



#60

Dibromochloromethane

Concen: 20.817 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. -0.000 min

Lab File: VU048955.D

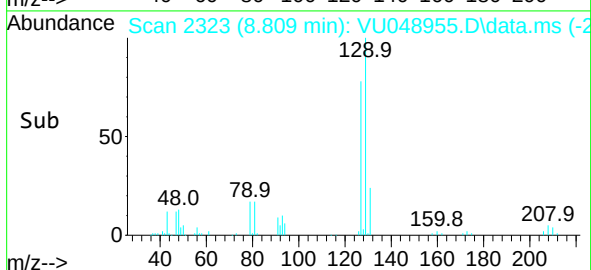
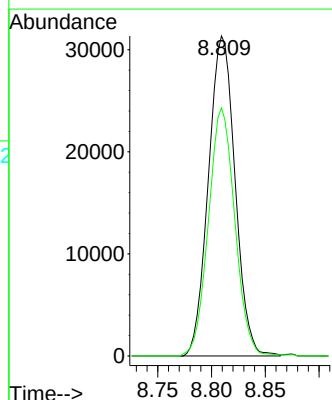
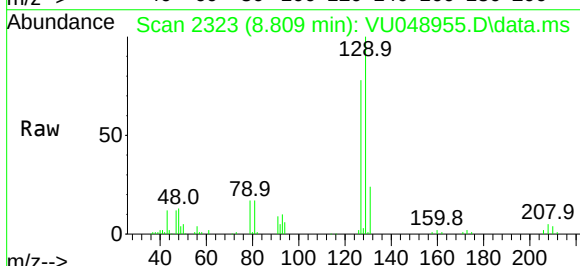
Acq: 08 Jun 2022 11:47

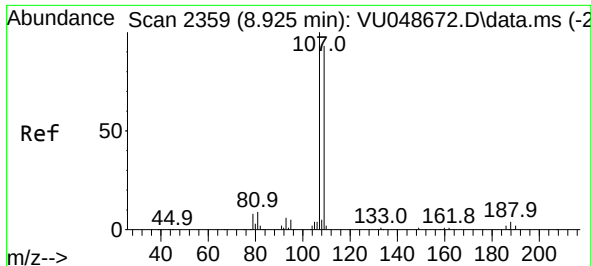
Tgt Ion:129 Resp: 54008

Ion Ratio Lower Upper

129 100

127 76.9 38.5 115.3

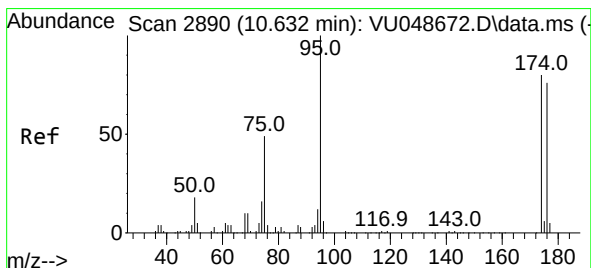
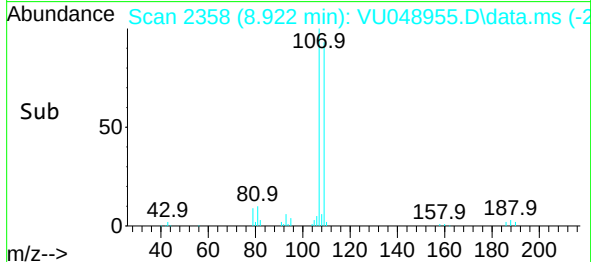
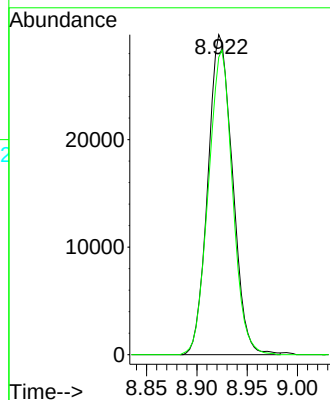
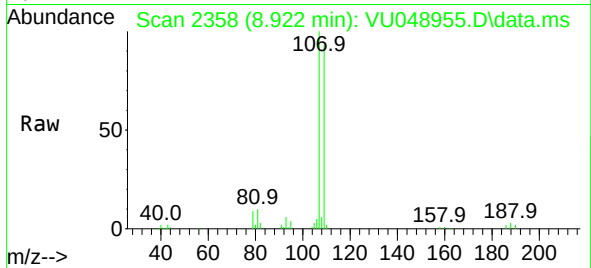




#61  
1,2-Dibromoethane  
Concen: 19.939 ug/l  
RT: 8.922 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

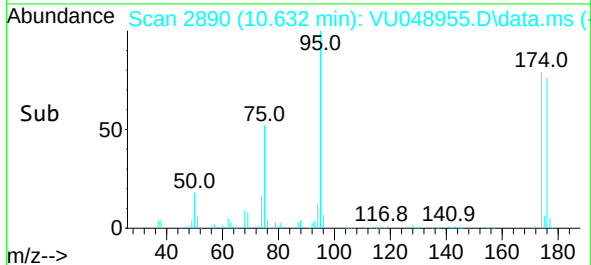
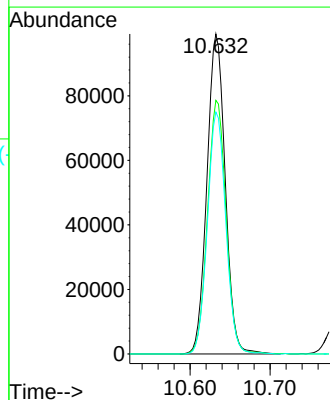
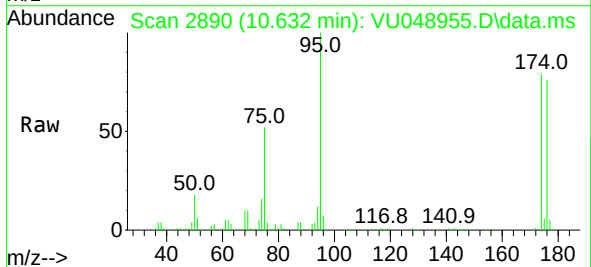
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MSVOA\_U  
ClientSampleId :  
VU0608MBS01

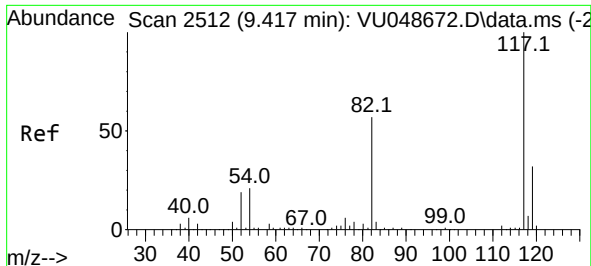
Tgt Ion:107 Resp: 50822  
Ion Ratio Lower Upper  
107 100  
109 93.4 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 57.214 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 95 Resp: 157825  
Ion Ratio Lower Upper  
95 100  
174 80.4 0.0 159.4  
176 75.8 0.0 152.4

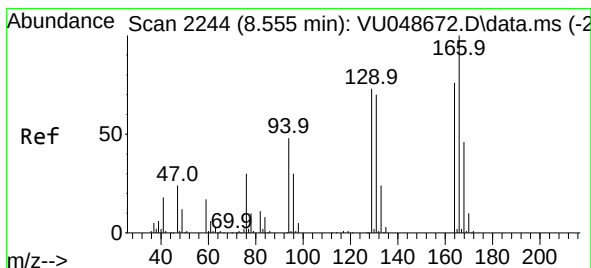
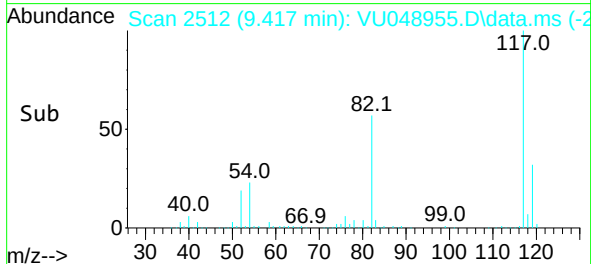
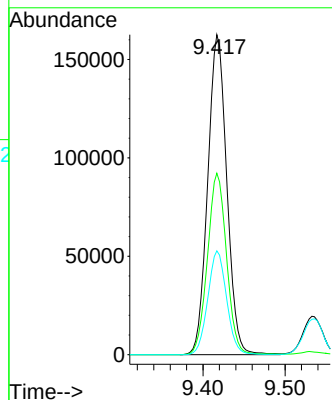
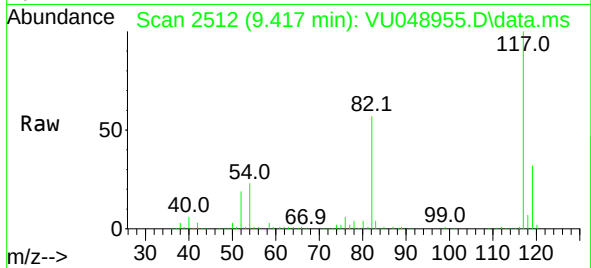




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

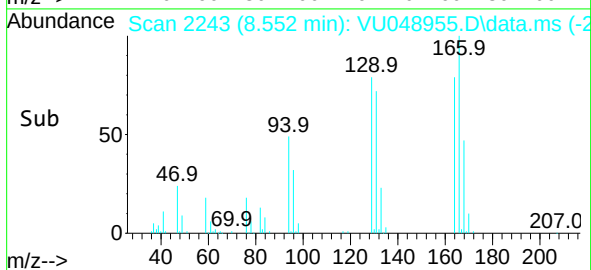
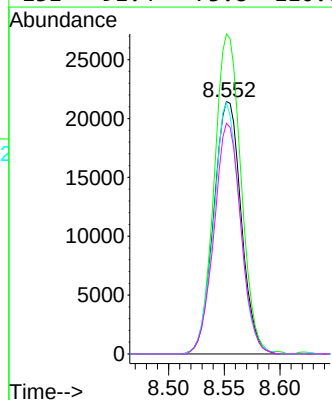
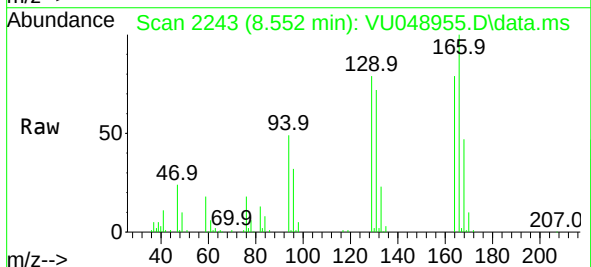
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ClientSampleId :  
VU0608MBS01

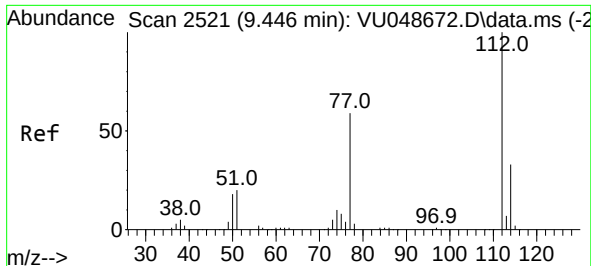
Tgt Ion:117 Resp: 262581  
Ion Ratio Lower Upper  
117 100  
82 56.7 45.3 67.9  
119 32.5 25.4 38.2



#64  
Tetrachloroethene  
Concen: 19.438 ug/l  
RT: 8.552 min Scan# 2243  
Delta R.T. -0.003 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion:164 Resp: 36679  
Ion Ratio Lower Upper  
164 100  
166 126.7 105.0 157.4  
129 99.6 76.5 114.7  
131 91.4 73.8 110.6

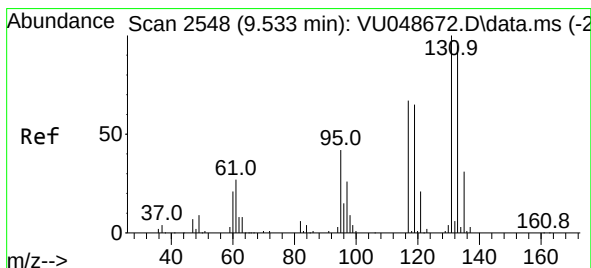
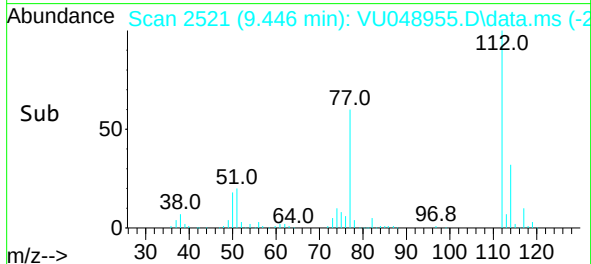
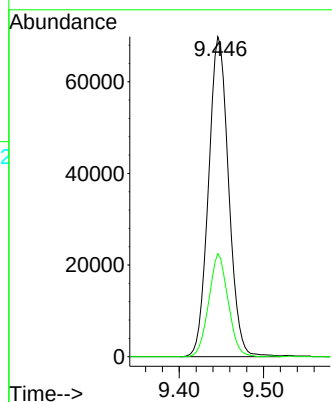
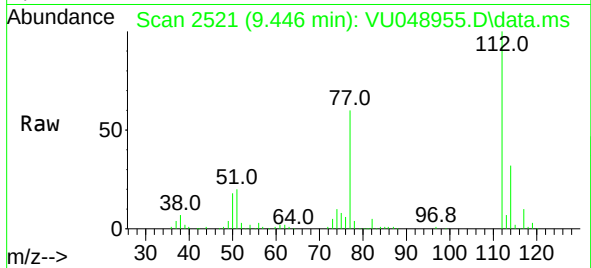




#65  
Chlorobenzene  
Concen: 20.881 ug/l  
RT: 9.446 min Scan# 2521  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

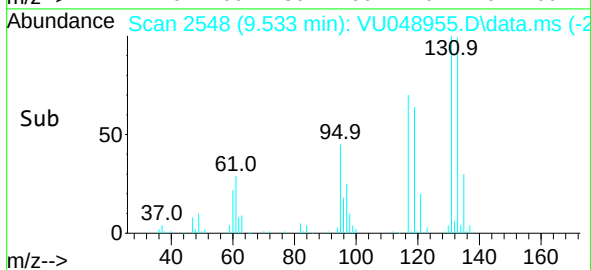
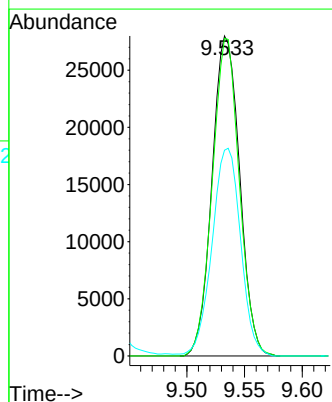
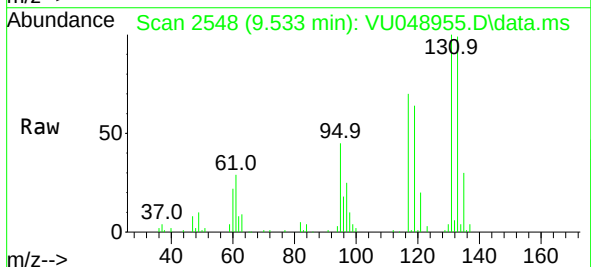
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

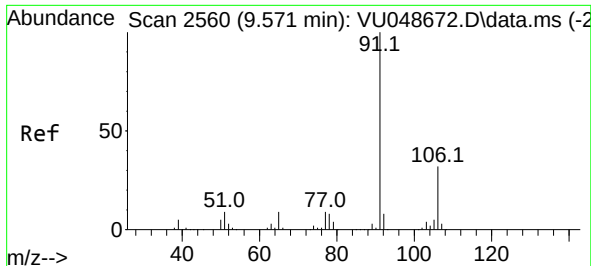
Tgt Ion:112 Resp: 115966  
Ion Ratio Lower Upper  
112 100  
114 32.2 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.080 ug/l  
RT: 9.533 min Scan# 2548  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion:131 Resp: 46545  
Ion Ratio Lower Upper  
131 100  
133 97.3 48.5 145.5  
119 67.2 32.7 98.1

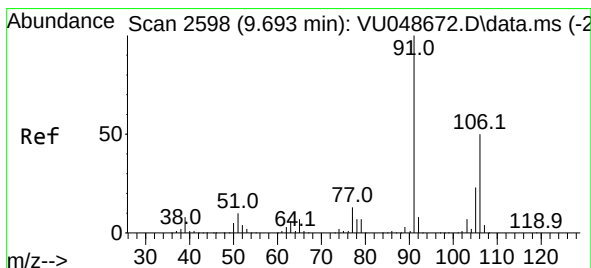
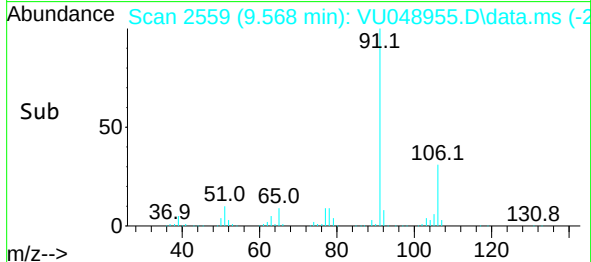
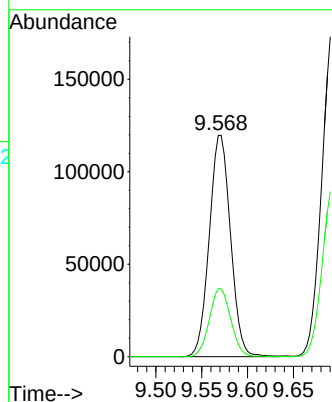
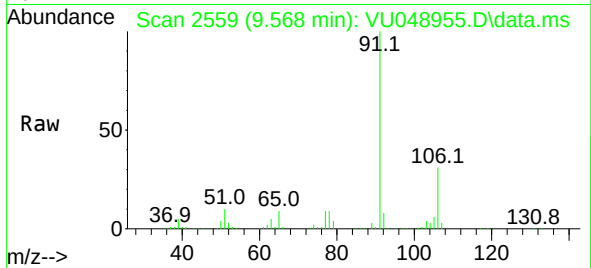




#67  
Ethyl Benzene  
Concen: 20.626 ug/l  
RT: 9.568 min Scan# 2559  
Delta R.T. -0.003 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

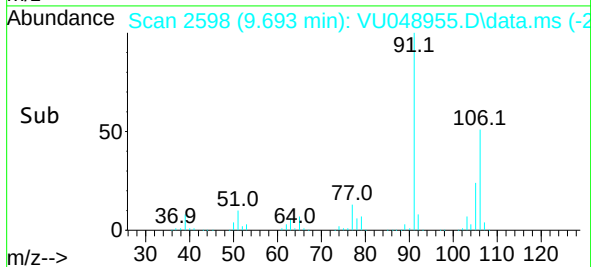
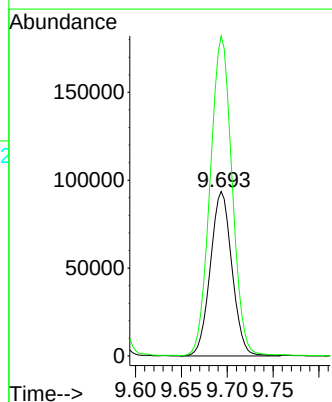
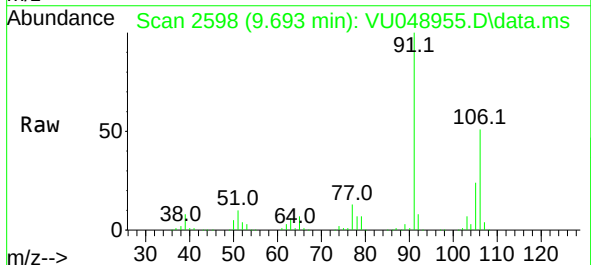
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

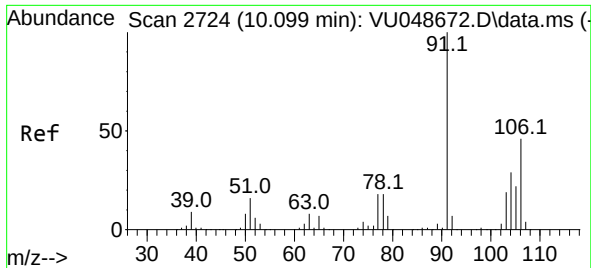
Tgt Ion: 91 Resp: 193202  
Ion Ratio Lower Upper  
91 100  
106 30.8 25.4 38.2



#68  
m/p-Xylenes  
Concen: 41.835 ug/l  
RT: 9.693 min Scan# 2598  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 106 Resp: 153260  
Ion Ratio Lower Upper  
106 100  
91 196.8 162.4 243.6

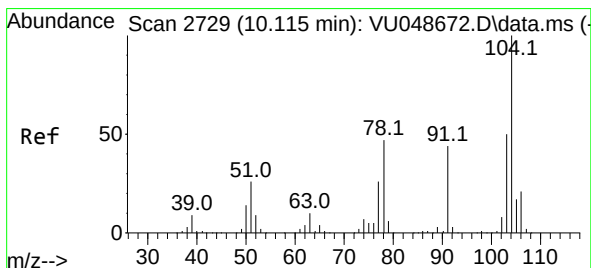
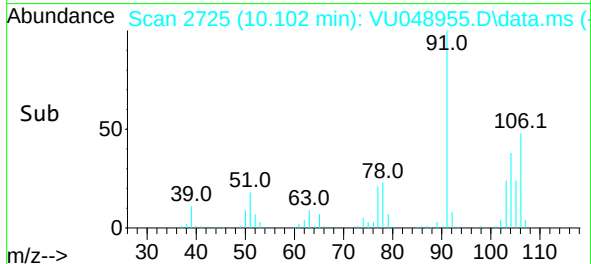
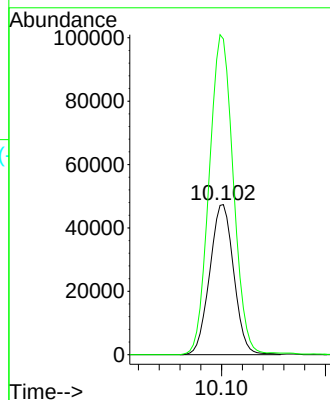
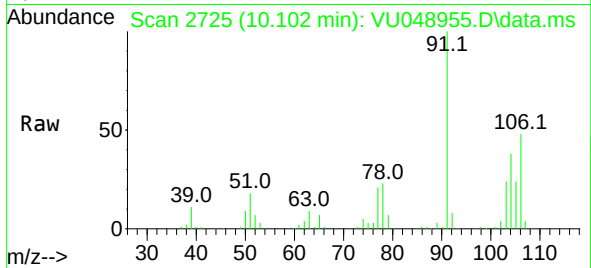




#69  
o-Xylene  
Concen: 21.113 ug/l  
RT: 10.102 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

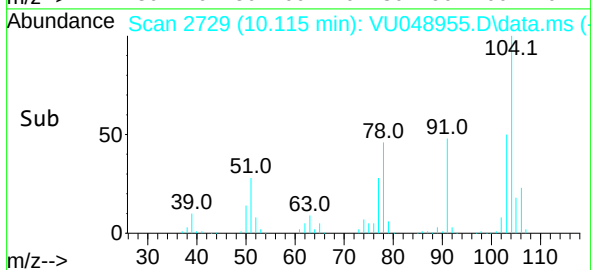
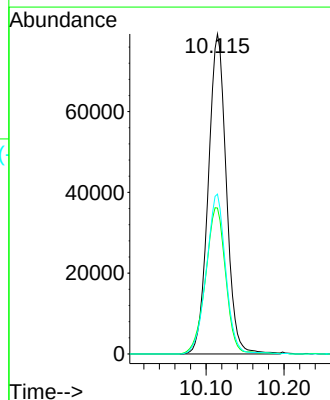
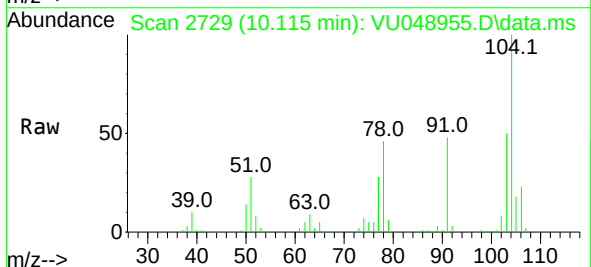
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

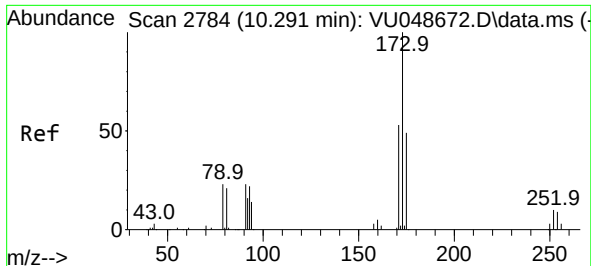
Tgt Ion:106 Resp: 75988  
Ion Ratio Lower Upper  
106 100  
91 215.2 107.7 323.3



#70  
Styrene  
Concen: 21.612 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion:104 Resp: 127944  
Ion Ratio Lower Upper  
104 100  
78 50.7 41.2 61.8  
103 53.6 43.4 65.2

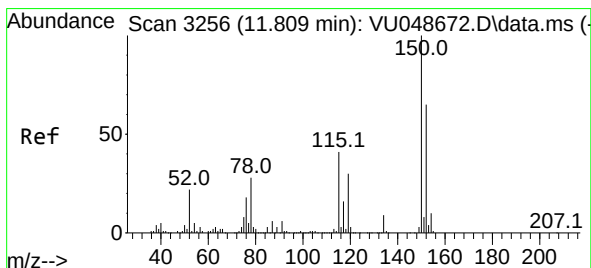
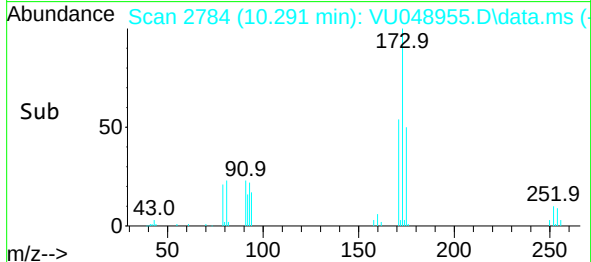
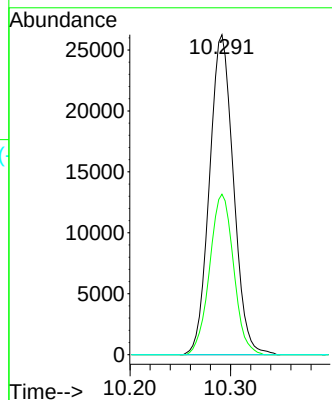
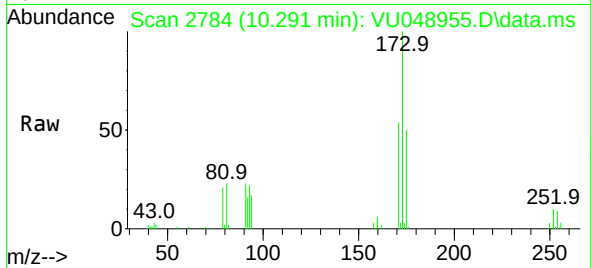




#71  
Bromoform  
Concen: 22.321 ug/l  
RT: 10.291 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

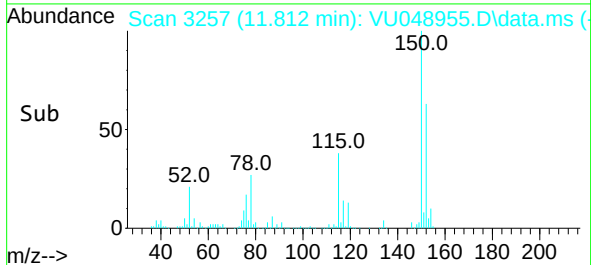
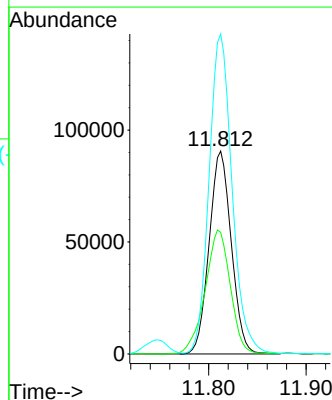
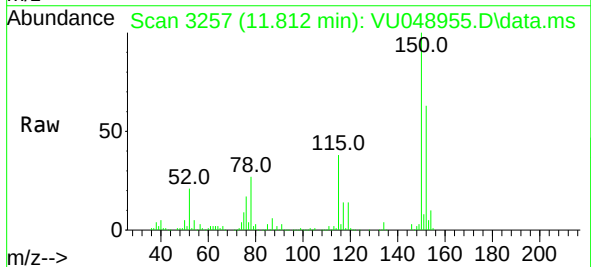
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

Tgt Ion:173 Resp: 43505  
Ion Ratio Lower Upper  
173 100  
175 50.1 24.5 73.5  
254 0.0 0.0 0.0

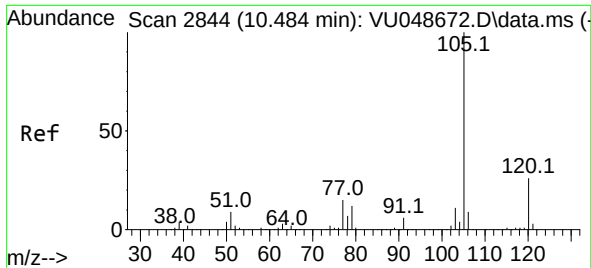


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.003 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion:152 Resp: 143404  
Ion Ratio Lower Upper  
152 100  
115 69.2 41.8 125.4  
150 163.6 0.0 341.0



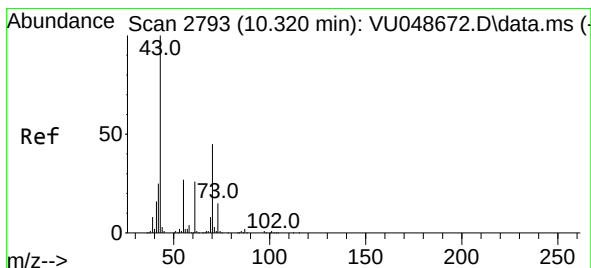
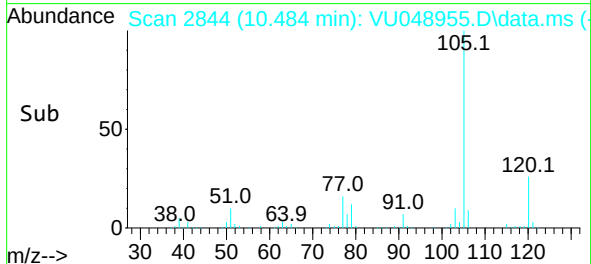
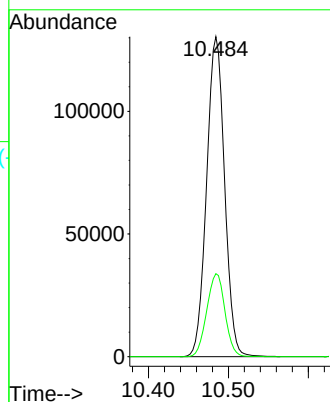
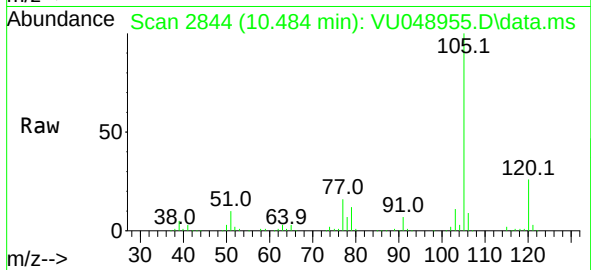




#73  
Isopropylbenzene  
Concen: 22.021 ug/l  
RT: 10.484 min Scan# 2844  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

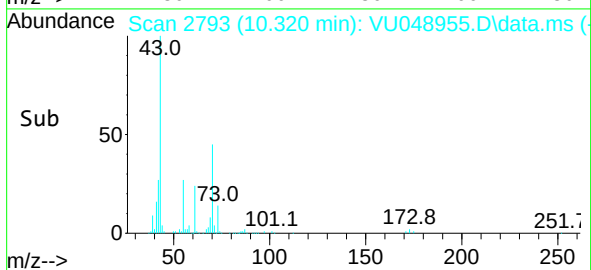
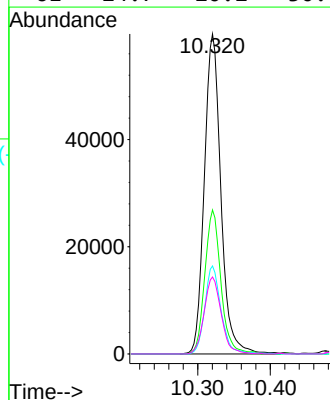
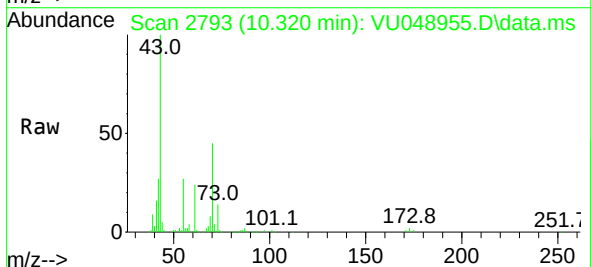
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MSVOA\_U  
ClientSampleId :  
VU0608MBS01

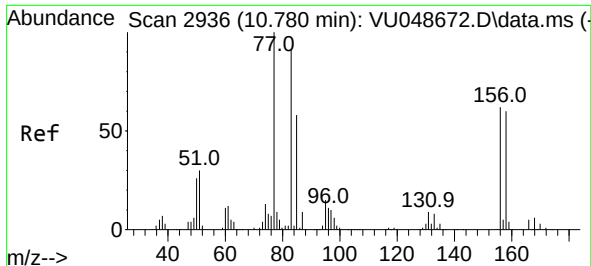
Tgt Ion:105 Resp: 203876  
Ion Ratio Lower Upper  
105 100  
120 26.2 12.9 38.6



#74  
N-ethyl acetate  
Concen: 21.733 ug/l  
RT: 10.320 min Scan# 2793  
Delta R.T. 0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 43 Resp: 94989  
Ion Ratio Lower Upper  
43 100  
70 43.8 35.8 53.6  
55 27.0 21.1 31.7  
61 24.7 20.2 30.4

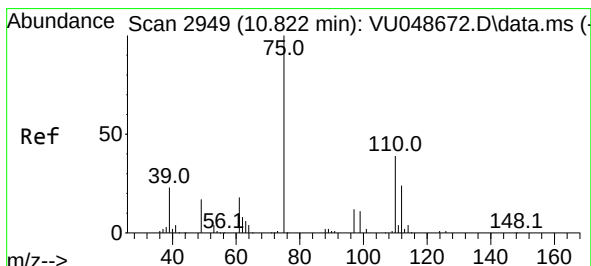
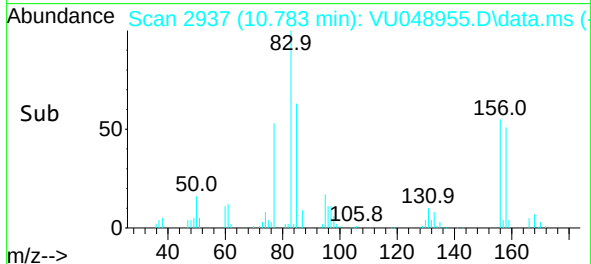
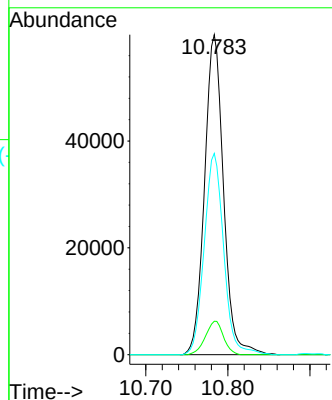
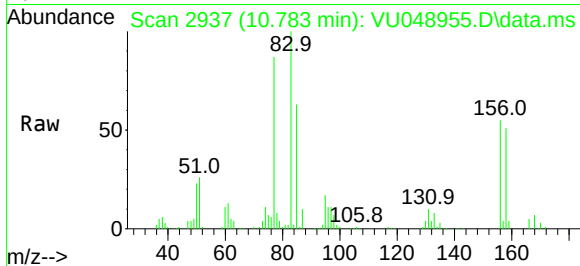




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 25.524 ug/l  
 RT: 10.783 min Scan# 2937  
 Delta R.T. 0.003 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

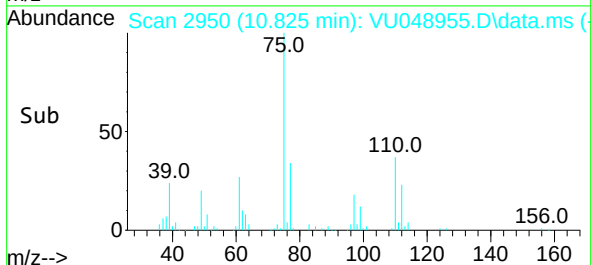
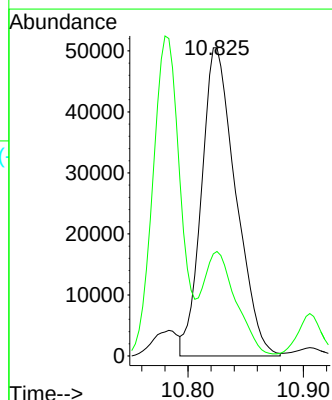
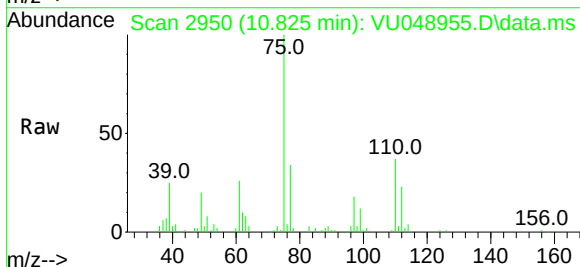
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 ClientSampleId :  
 VU0608MBS01

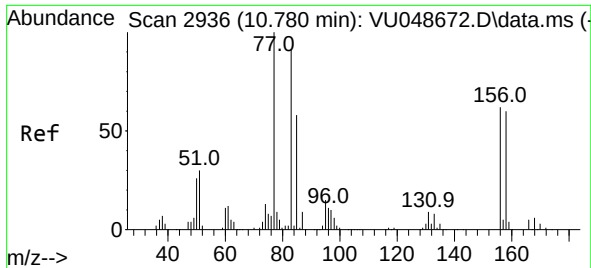
Tgt Ion: 83 Resp: 96432  
 Ion Ratio Lower Upper  
 83 100  
 131 10.0 5.2 15.6  
 85 64.7 32.5 97.4



#76  
 1,2,3-Trichloropropane  
 Concen: 22.484 ug/l  
 RT: 10.825 min Scan# 2950  
 Delta R.T. 0.003 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

Tgt Ion: 75 Resp: 103960  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 14.8 44.3

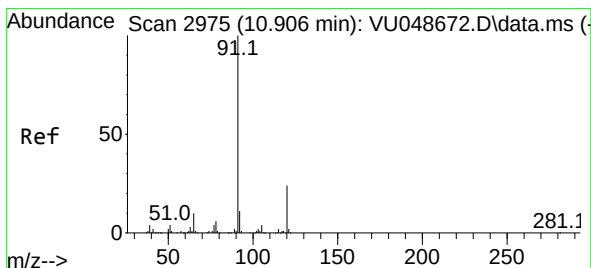
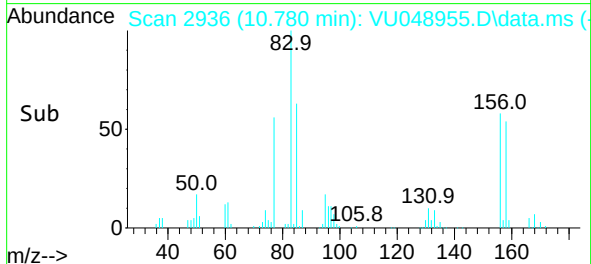
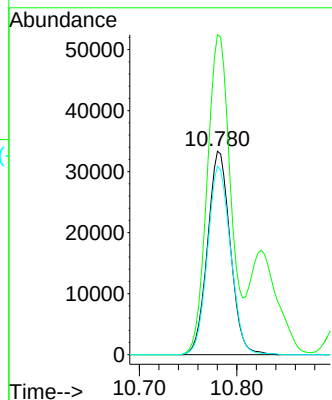
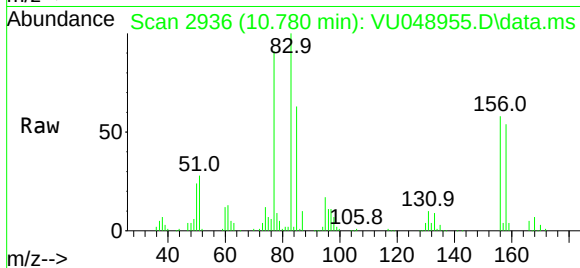




#77  
Bromobenzene  
Concen: 21.731 ug/l  
RT: 10.780 min Scan# 2936  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

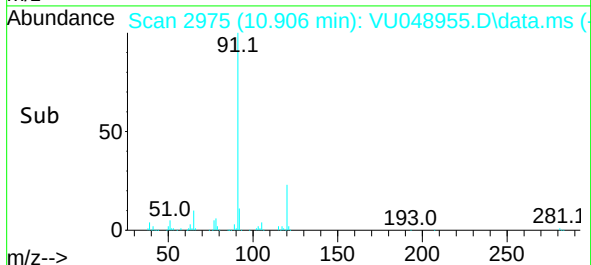
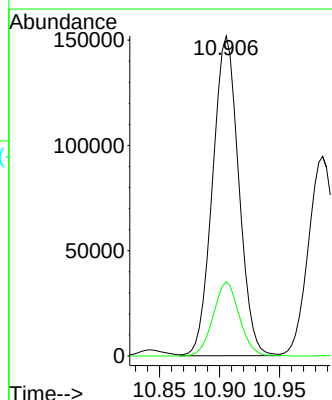
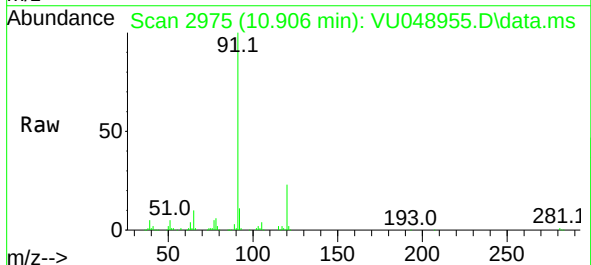
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

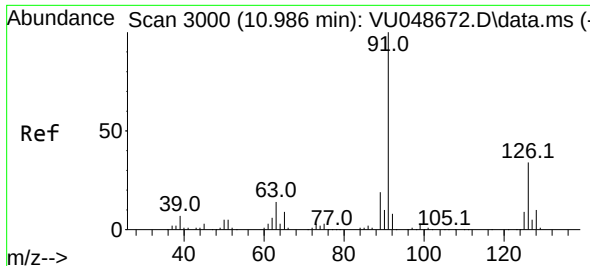
Tgt Ion:156 Resp: 54032  
Ion Ratio Lower Upper  
156 100  
77 160.0 81.1 243.3  
158 94.4 48.8 146.4



#78  
n-propylbenzene  
Concen: 20.855 ug/l  
RT: 10.906 min Scan# 2975  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 91 Resp: 230064  
Ion Ratio Lower Upper  
91 100  
120 23.1 11.6 34.7

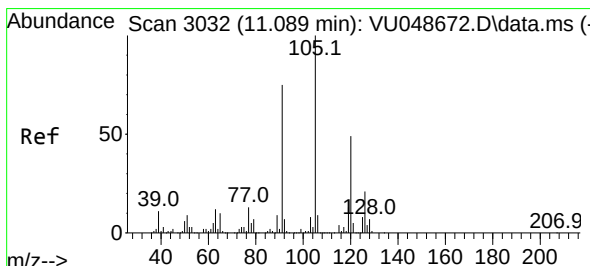
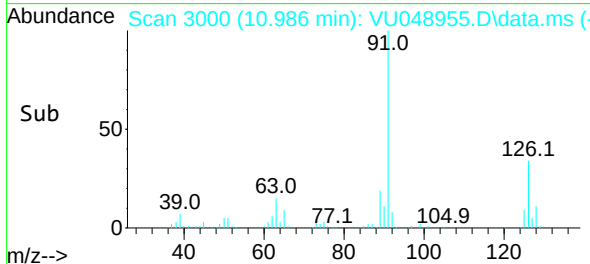
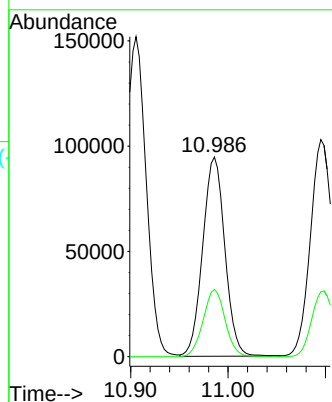
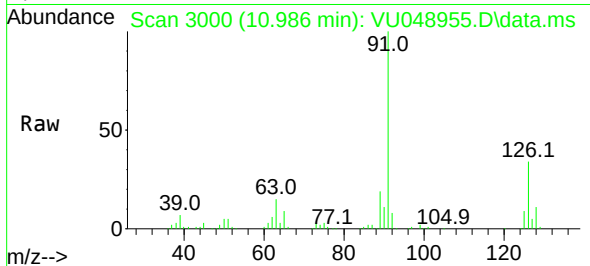




#79  
2-Chlorotoluene  
Concen: 21.816 ug/l  
RT: 10.986 min Scan# 3000  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

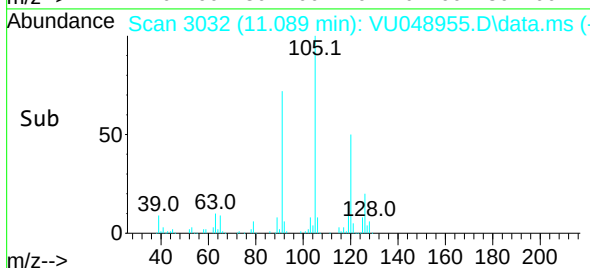
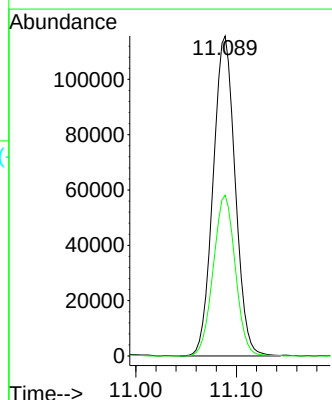
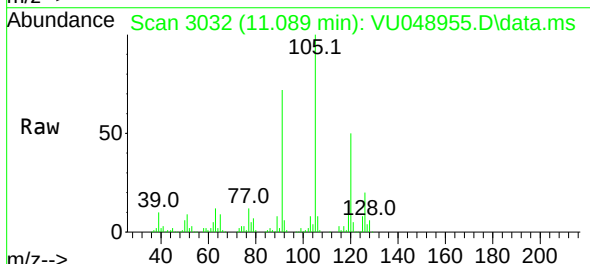
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

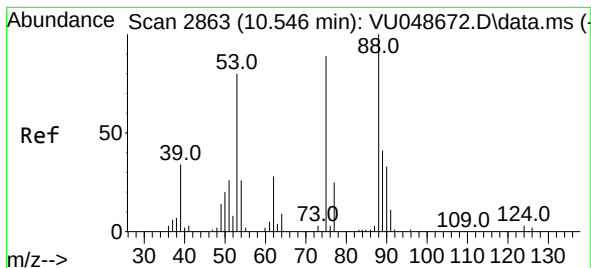
Tgt Ion: 91 Resp: 149667  
Ion Ratio Lower Upper  
91 100  
126 33.5 16.7 50.0



#80  
1,3,5-Trimethylbenzene  
Concen: 21.948 ug/l  
RT: 11.089 min Scan# 3032  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 105 Resp: 176705  
Ion Ratio Lower Upper  
105 100  
120 50.1 24.1 72.3

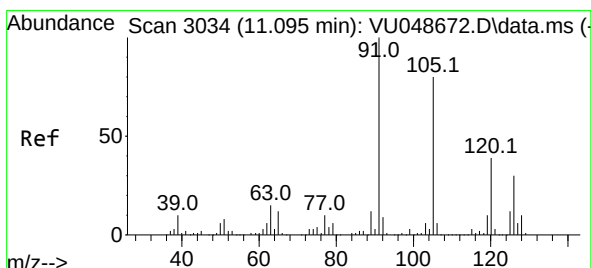
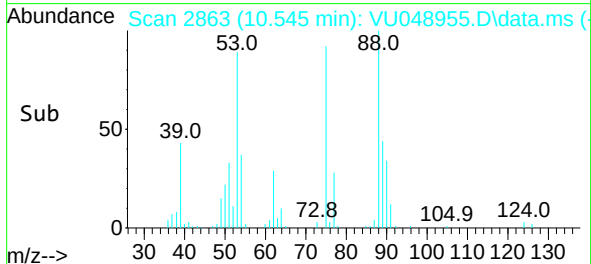
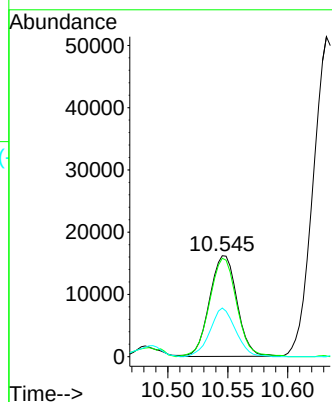
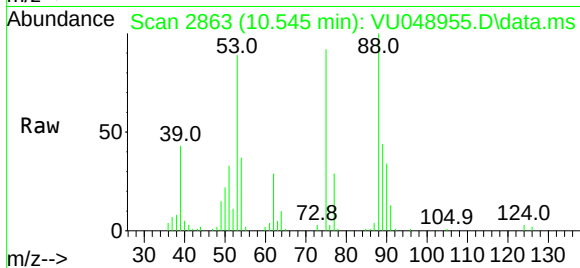




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.182 ug/l  
RT: 10.545 min Scan# 2863  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

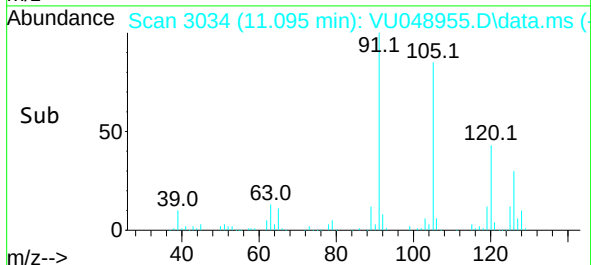
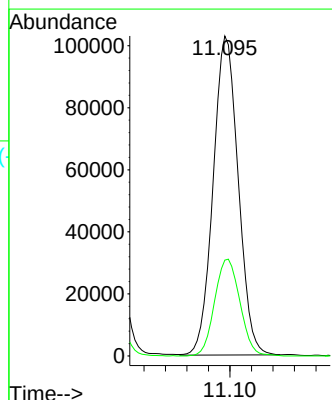
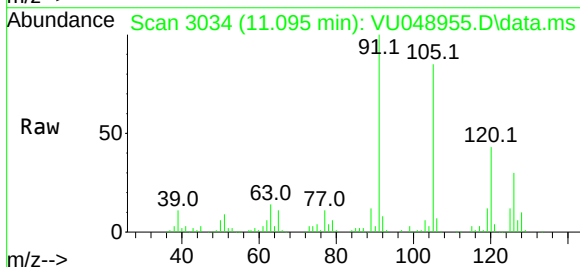
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

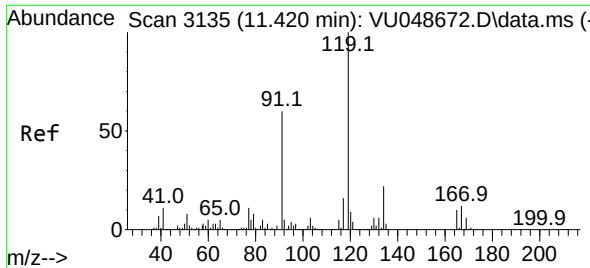
Tgt Ion: 75 Resp: 25701  
Ion Ratio Lower Upper  
75 100  
53 97.2 72.5 108.7  
89 45.2 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 20.986 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 91 Resp: 166115  
Ion Ratio Lower Upper  
91 100  
126 30.7 14.4 43.2

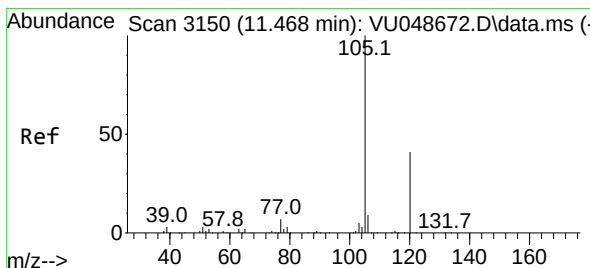
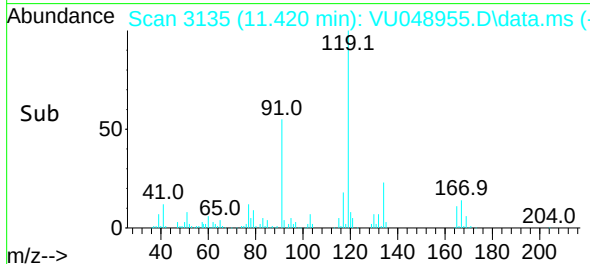
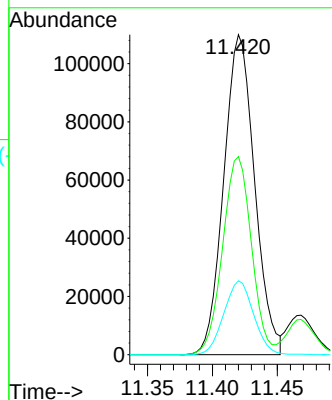
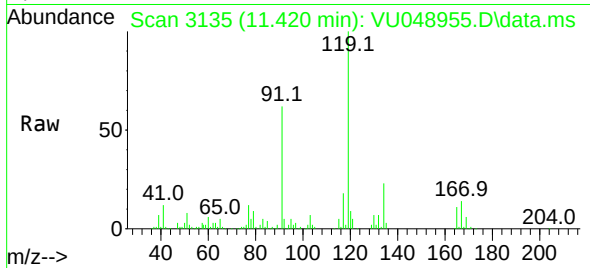




#83  
tert-Butylbenzene  
Concen: 23.519 ug/l  
RT: 11.420 min Scan# 3135  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

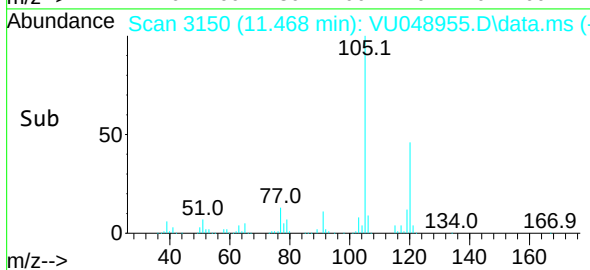
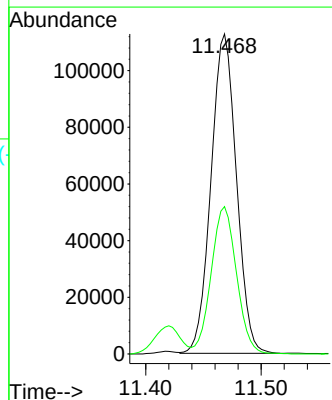
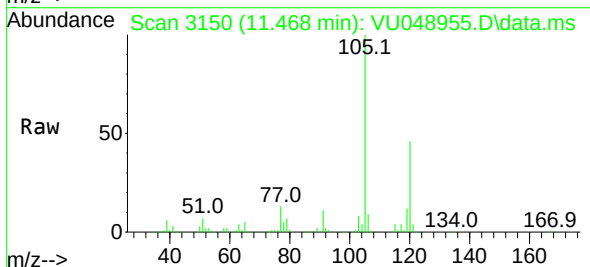
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

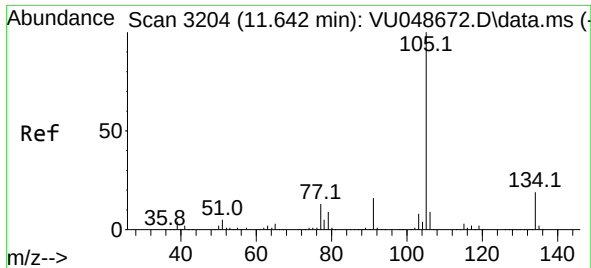
Tgt Ion:119 Resp: 181736  
Ion Ratio Lower Upper  
119 100  
91 58.0 28.7 86.1  
134 22.3 10.8 32.4



#84  
1,2,4-Trimethylbenzene  
Concen: 20.603 ug/l  
RT: 11.468 min Scan# 3150  
Delta R.T. 0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion:105 Resp: 172569  
Ion Ratio Lower Upper  
105 100  
120 46.0 22.5 67.5

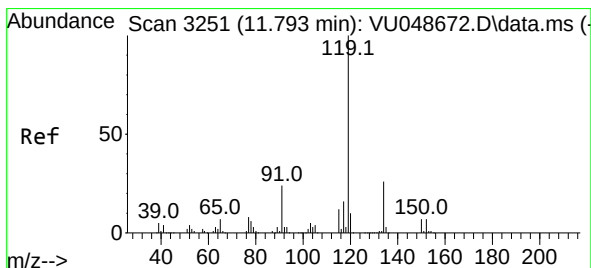
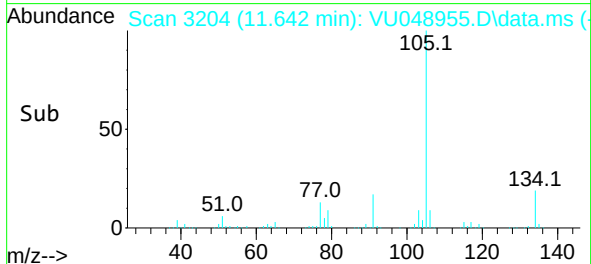
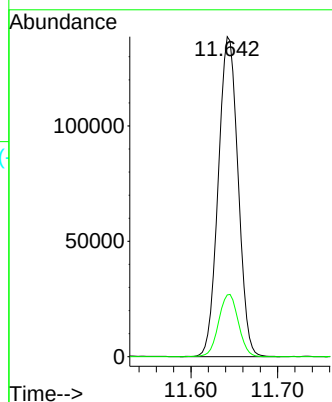
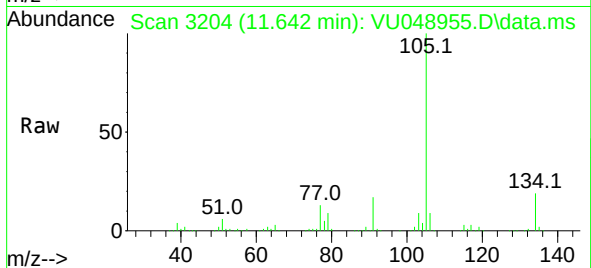




#85  
 sec-Butylbenzene  
 Concen: 22.788 ug/l  
 RT: 11.642 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

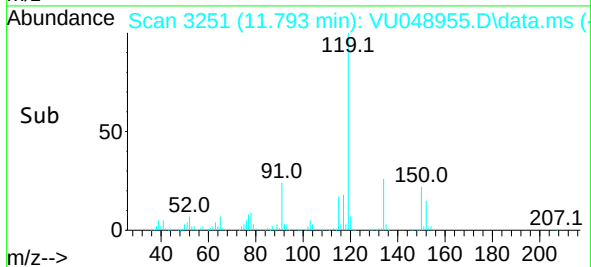
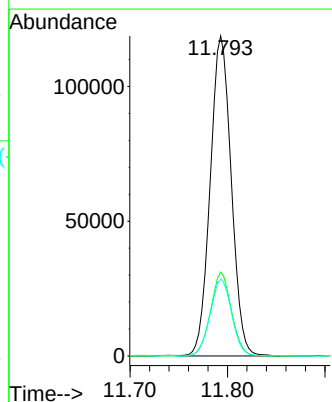
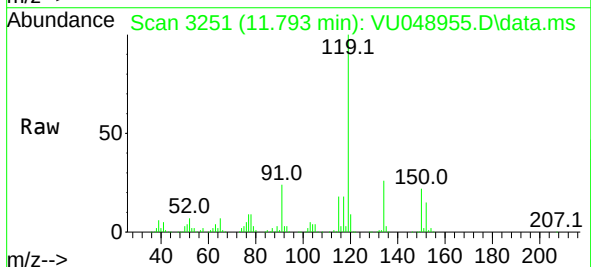
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0608MBS01

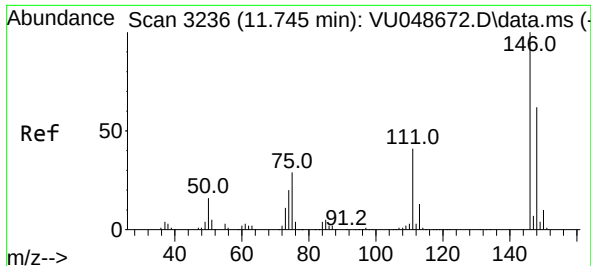
Tgt Ion:105 Resp: 220295  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.6 28.6



#86  
 p-Isopropyltoluene  
 Concen: 21.435 ug/l  
 RT: 11.793 min Scan# 3251  
 Delta R.T. -0.000 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

Tgt Ion:119 Resp: 177948  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 12.8 38.4  
 91 24.5 12.0 36.0

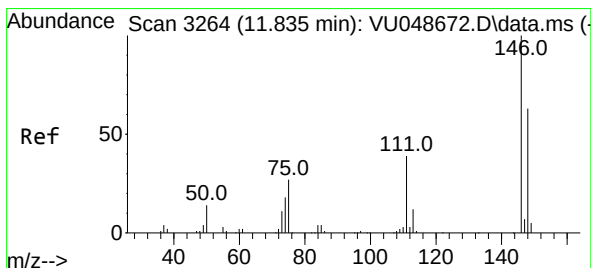
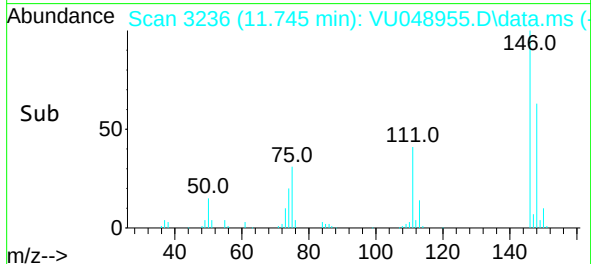
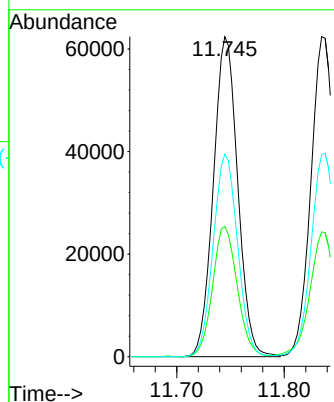
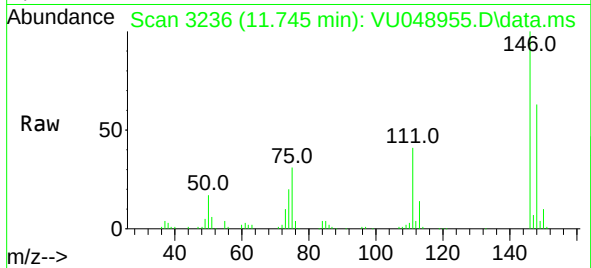




#87  
 1,3-Dichlorobenzene  
 Concen: 20.107 ug/l  
 RT: 11.745 min Scan# 3236  
 Delta R.T. -0.000 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

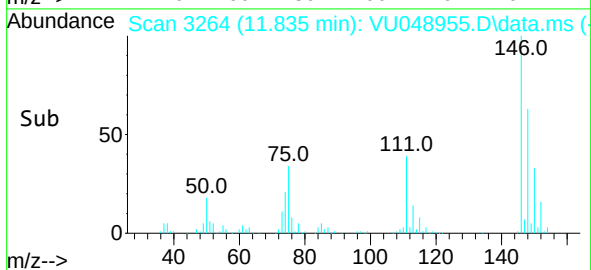
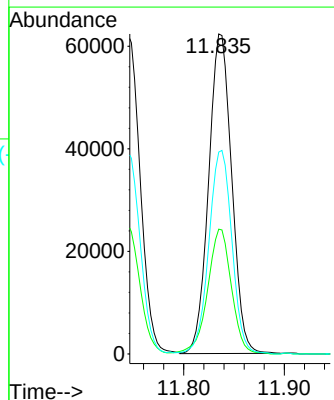
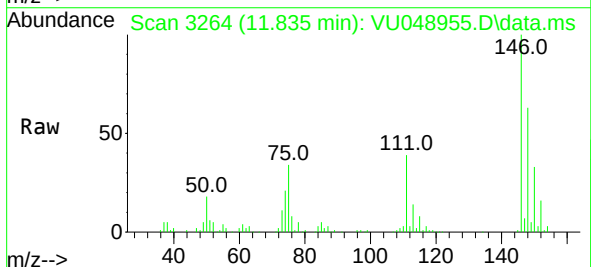
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0608MBS01

Tgt Ion:146 Resp: 98019  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 20.6 61.9  
 148 63.6 31.6 95.0

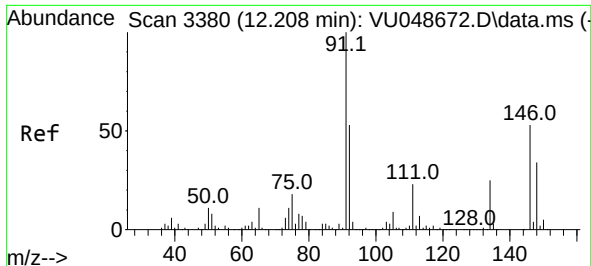


#88  
 1,4-Dichlorobenzene  
 Concen: 19.691 ug/l  
 RT: 11.835 min Scan# 3264  
 Delta R.T. -0.000 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

Tgt Ion:146 Resp: 99173  
 Ion Ratio Lower Upper  
 146 100  
 111 40.4 20.2 60.6  
 148 64.1 32.4 97.0



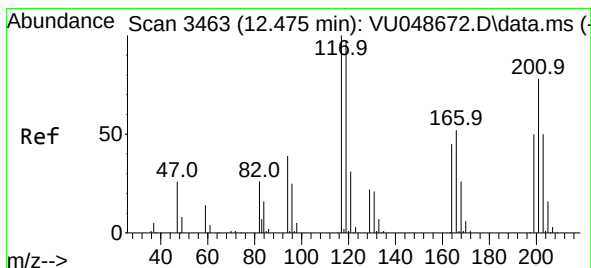
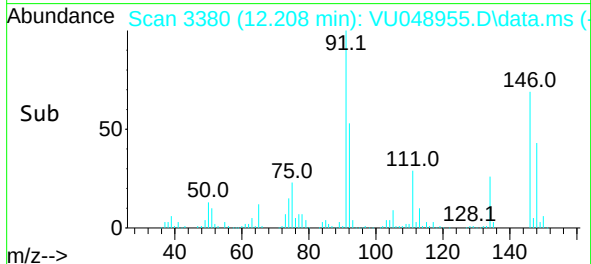
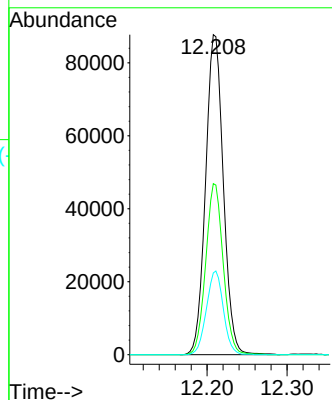
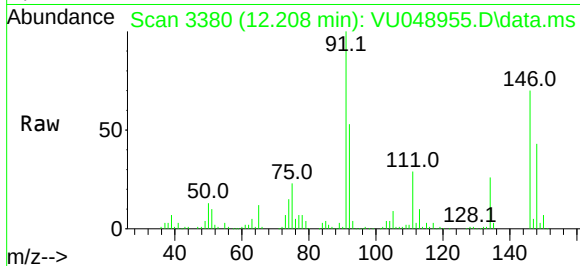




#89  
n-Butylbenzene  
Concen: 17.801 ug/l  
RT: 12.208 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

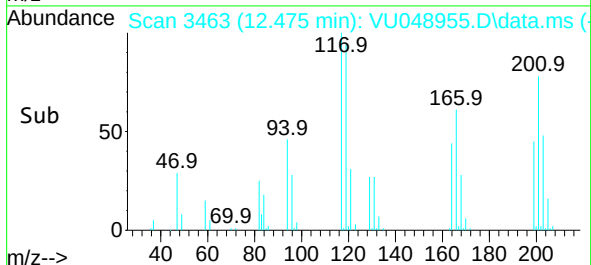
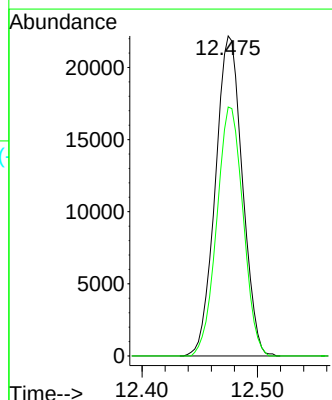
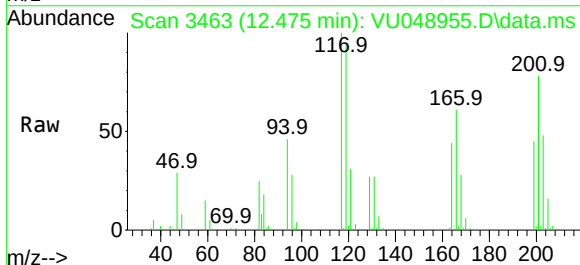
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0608MBS01

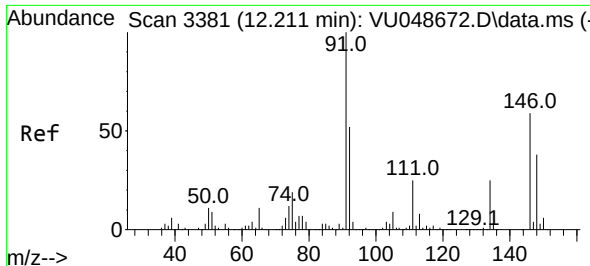
Tgt Ion: 91 Resp: 135686  
Ion Ratio Lower Upper  
91 100  
92 52.5 25.9 77.8  
134 25.0 12.5 37.5



#90  
Hexachloroethane  
Concen: 21.285 ug/l  
RT: 12.475 min Scan# 3463  
Delta R.T. -0.000 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion: 117 Resp: 36062  
Ion Ratio Lower Upper  
117 100  
201 75.9 39.6 119.0

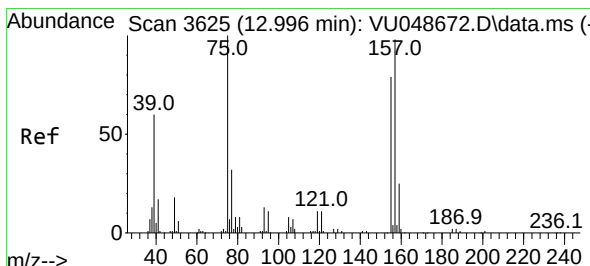
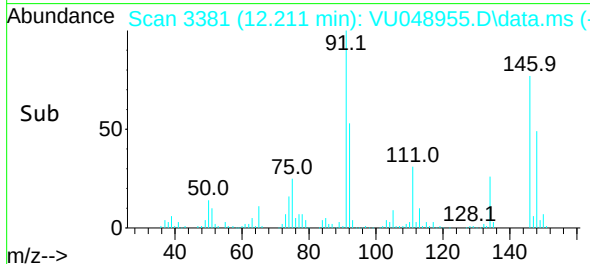
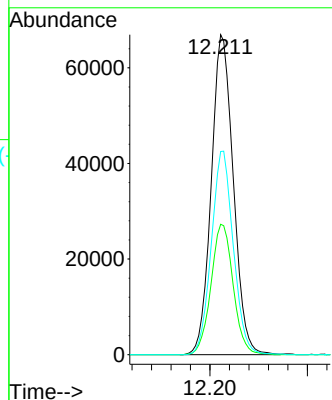
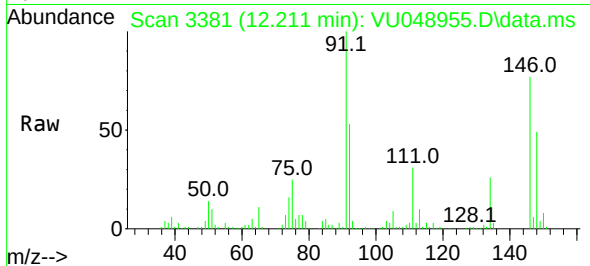




#91  
 1,2-Dichlorobenzene  
 Concen: 21.368 ug/l  
 RT: 12.211 min Scan# 3381  
 Delta R.T. -0.000 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

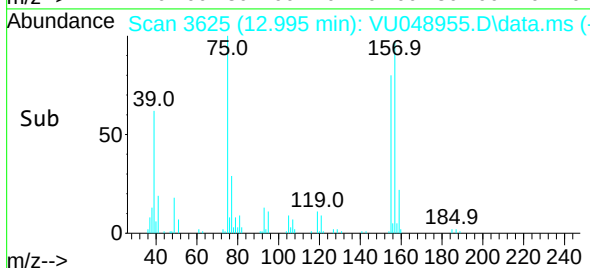
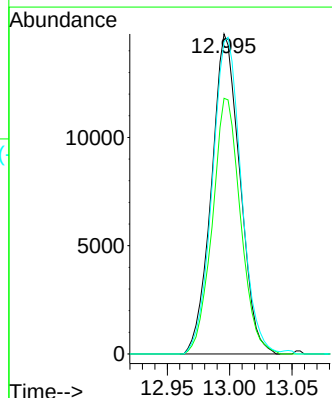
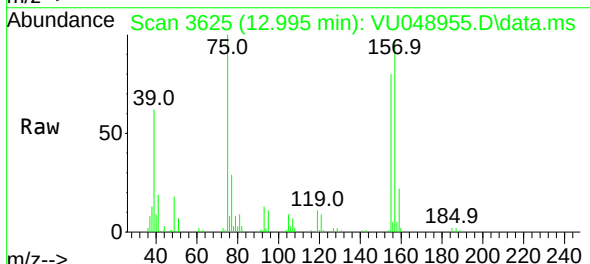
Instrument :  
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 ClientSampleId :  
 VU0608MBS01

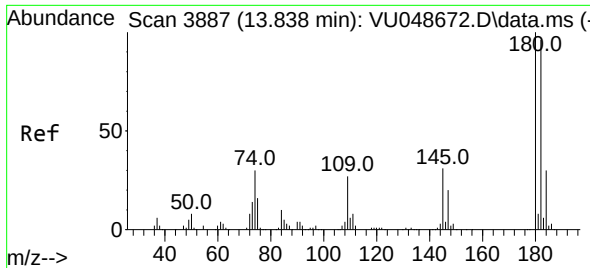
Tgt Ion:146 Resp: 105229  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 21.4 64.3  
 148 63.5 32.0 96.2



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.590 ug/l  
 RT: 12.995 min Scan# 3625  
 Delta R.T. -0.000 min  
 Lab File: VU048955.D  
 Acq: 08 Jun 2022 11:47

Tgt Ion: 75 Resp: 23486  
 Ion Ratio Lower Upper  
 75 100  
 155 78.9 40.3 120.8  
 157 100.6 50.0 150.0

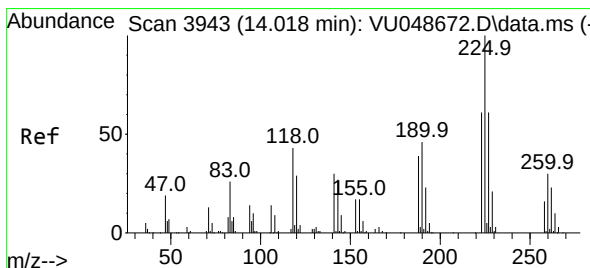
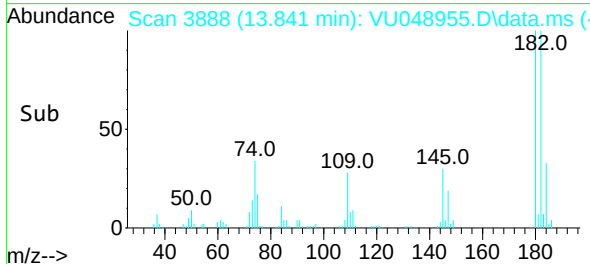
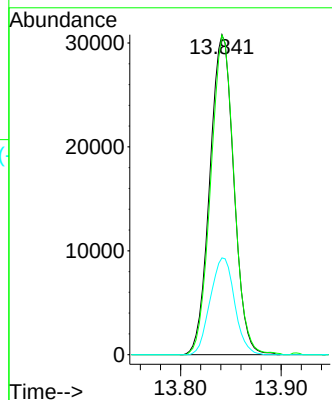
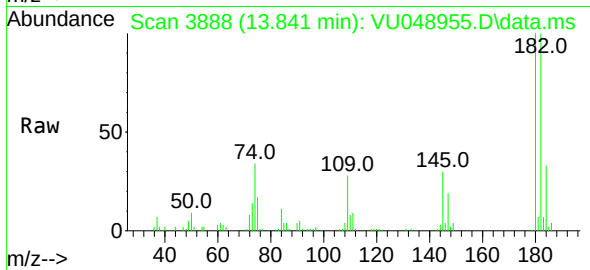




#93  
1,2,4-Trichlorobenzene  
Concen: 15.771 ug/l  
RT: 13.841 min Scan# 3888  
Delta R.T. 0.003 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

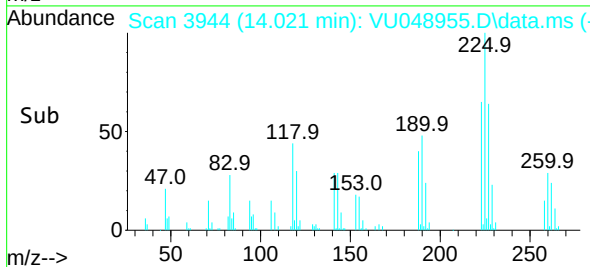
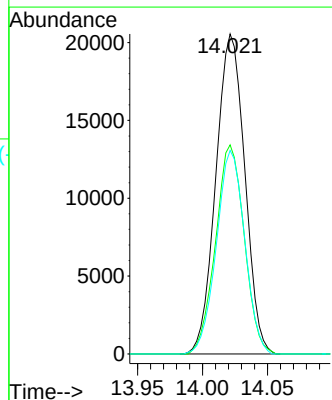
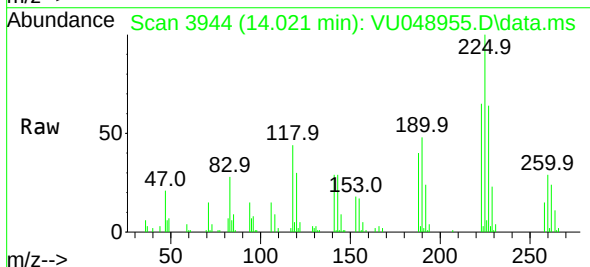
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MSVOA\_U  
ClientSampleId :  
VU0608MBS01

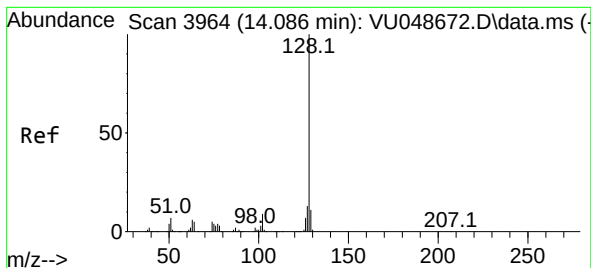
Tgt Ion:180 Resp: 50965  
Ion Ratio Lower Upper  
180 100  
182 97.0 48.3 144.9  
145 30.7 15.6 46.7



#94  
Hexachlorobutadiene  
Concen: 20.512 ug/l  
RT: 14.021 min Scan# 3944  
Delta R.T. 0.003 min  
Lab File: VU048955.D  
Acq: 08 Jun 2022 11:47

Tgt Ion:225 Resp: 31772  
Ion Ratio Lower Upper  
225 100  
223 64.8 30.9 92.8  
227 62.2 31.1 93.5





#95

Naphthalene

Concen: 15.554 ug/l

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Instrument :

MSVOA\_U

ClientSampleId :

VU0608MBS01

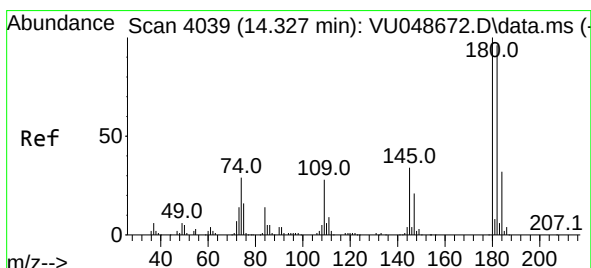
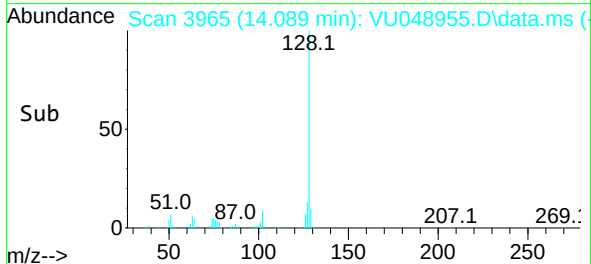
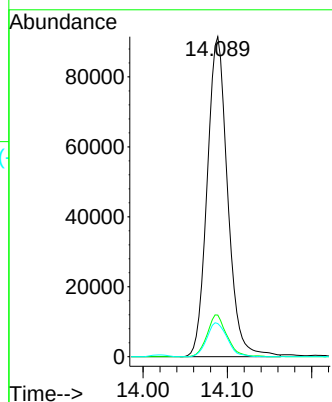
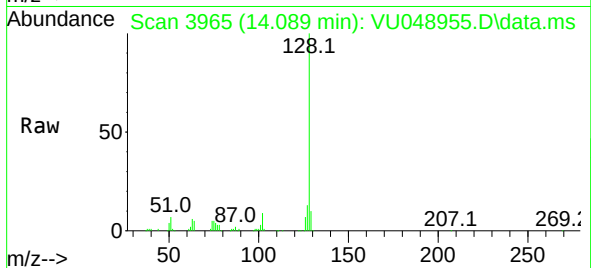
Tgt Ion:128 Resp: 154828

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.150 ug/l

RT: 14.330 min Scan# 4040

Delta R.T. 0.003 min

Lab File: VU048955.D

Acq: 08 Jun 2022 11:47

Tgt Ion:180 Resp: 54893

Ion Ratio Lower Upper

180 100

182 96.7 47.4 142.2

145 32.8 16.6 49.8

