

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051221\  
 Data File : VU043689.D  
 Acq On : 12 May 2021 19:43  
 Operator : SY/MD  
 Sample : M2322-07MSD  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 13 01:36:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U050621W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 11 09:51:45 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| Internal Standards           |        |      |          |        |         |          |
| 1) Pentafluorobenzene        | 5.379  | 168  | 102651   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.256  | 114  | 174585   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 9.423  | 117  | 165047   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.819 | 152  | 82868    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4    | 5.710  | 65   | 100304   | 47.24  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 94.48%  |          |
| 35) Dibromofluoromethane     | 5.295  | 113  | 66730    | 46.31  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 92.62%  |          |
| 50) Toluene-d8               | 7.903  | 98   | 242826   | 50.08  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 100.16% |          |
| 62) 4-Bromofluorobenzene     | 10.639 | 95   | 90458    | 47.88  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 95.76%  |          |
| Target Compounds             |        |      |          |        |         |          |
|                              |        |      |          |        | Qvalue  |          |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 70142    | 48.99  | ug/l    | 98       |
| 3) Chloromethane             | 1.520  | 50   | 90284    | 51.03  | ug/l    | 99       |
| 4) Vinyl Chloride            | 1.607  | 62   | 84081    | 51.60  | ug/l    | 99       |
| 5) Bromomethane              | 1.842  | 94   | 44333    | 48.33  | ug/l    | 99       |
| 6) Chloroethane              | 1.929  | 64   | 49533    | 47.40  | ug/l    | 99       |
| 7) Trichlorofluoromethane    | 2.138  | 101  | 111596   | 50.57  | ug/l    | 97       |
| 8) Diethyl Ether             | 2.379  | 74   | 42640    | 53.29  | ug/l    | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 2.584  | 101  | 63547    | 51.96  | ug/l    | 98       |
| 10) Methyl Iodide            | 2.726  | 142  | 78326    | 52.21  | ug/l    | 98       |
| 11) Tert butyl alcohol       | 3.186  | 59   | 117712   | 211.13 | ug/l    | 99       |
| 12) 1,1-Dichloroethene       | 2.581  | 96   | 62913    | 52.94  | ug/l    | 96       |
| 13) Acrolein                 | 2.488  | 56   | 68403    | 278.76 | ug/l    | 98       |
| 14) Allyl chloride           | 2.928  | 41   | 162708   | 54.64  | ug/l    | 97       |
| 15) Acrylonitrile            | 3.318  | 53   | 282438   | 279.10 | ug/l    | 99       |
| 16) Acetone                  | 2.629  | 43   | 296378   | 256.95 | ug/l    | 100      |
| 17) Carbon Disulfide         | 2.797  | 76   | 188224   | 49.95  | ug/l    | 99       |
| 18) Methyl Acetate           | 2.951  | 43   | 143424   | 54.39  | ug/l    | 99       |
| 19) Methyl tert-butyl Ether  | 3.369  | 73   | 223236   | 54.62  | ug/l    | 95       |
| 20) Methylene Chloride       | 3.051  | 84   | 78194    | 48.18  | ug/l    | 96       |
| 21) trans-1,2-Dichloroethene | 3.359  | 96   | 68716    | 53.18  | ug/l    | 97       |
| 22) Diisopropyl ether        | 3.999  | 45   | 284009   | 55.61  | ug/l    | 94       |
| 23) Vinyl Acetate            | 3.961  | 43   | 1393159  | 238.37 | ug/l    | 100      |
| 24) 1,1-Dichloroethane       | 3.877  | 63   | 152941   | 51.80  | ug/l    | 98       |
| 25) 2-Butanone               | 4.707  | 43   | 488633   | 274.78 | ug/l    | 99       |
| 26) 2,2-Dichloropropane      | 4.674  | 77   | 107708   | 54.13  | ug/l    | 99       |
| 27) cis-1,2-Dichloroethene   | 4.674  | 96   | 79317    | 53.21  | ug/l    | 97       |
| 28) Bromochloromethane       | 4.980  | 49   | 78801    | 53.19  | ug/l    | 96       |
| 29) Tetrahydrofuran          | 5.054  | 42   | 280649   | 277.92 | ug/l    | 99       |
| 30) Chloroform               | 5.096  | 83   | 144629   | 50.67  | ug/l    | 98       |
| 31) Cyclohexane              | 5.395  | 56   | 123387   | 49.75  | ug/l    | 99       |
| 32) 1,1,1-Trichloroethane    | 5.324  | 97   | 122448   | 50.34  | ug/l    | 99       |
| 36) 1,1-Dichloropropene      | 5.533  | 75   | 104927   | 52.94  | ug/l    | 98       |
| 37) Ethyl Acetate            | 4.806  | 43   | 171768   | 51.17  | ug/l    | 100      |
| 38) Carbon Tetrachloride     | 5.533  | 117  | 102899   | 51.22  | ug/l    | 98       |
| 39) Methylcyclohexane        | 6.771  | 83   | 100213   | 52.33  | ug/l    | 98       |
| 40) Benzene                  | 5.780  | 78   | 310472   | 52.25  | ug/l    | 100      |

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 Operator : SY/MD  
 Sample : M2322-07MSD  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 13 01:36:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U050621W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 11 09:51:45 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.977  | 41   | 99674    | 51.23  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 5.800  | 62   | 131568   | 50.43  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 5.915  | 43   | 260349   | 52.88  | ug/l   | 99       |
| 44) Trichloroethene           | 6.549  | 130  | 71300    | 51.10  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 6.796  | 63   | 91275    | 52.13  | ug/l   | 98       |
| 46) Dibromomethane            | 6.922  | 93   | 57734    | 52.31  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.112  | 83   | 116615   | 52.19  | ug/l   | 100      |
| 48) Methyl methacrylate       | 6.964  | 41   | 134617   | 54.42  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 6.970  | 88   | 37030    | 820.15 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 7.796  | 43   | 932518   | 232.76 | ug/l   | 100      |
| 52) Toluene                   | 7.973  | 92   | 179987   | 52.41  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.214  | 75   | 125656   | 48.95  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 7.613  | 75   | 130369   | 53.37  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 8.407  | 97   | 76241    | 50.93  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 8.340  | 69   | 130435   | 46.49  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 8.581  | 76   | 140582   | 52.80  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.616  | 63   | 780      | 23.35  | ug/l # | 52       |
| 59) 2-Hexanone                | 8.690  | 43   | 749056   | 229.81 | ug/l   | 100      |
| 60) Dibromochloromethane      | 8.816  | 129  | 81867    | 51.41  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 8.928  | 107  | 83822    | 51.83  | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.558  | 164  | 60820    | 47.71  | ug/l   | 98       |
| 65) Chlorobenzene             | 9.452  | 112  | 185192   | 50.86  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 9.539  | 131  | 69688    | 49.74  | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.575  | 91   | 351468   | 48.31  | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.700  | 106  | 256231   | 96.34  | ug/l   | 98       |
| 69) o-Xylene                  | 10.105 | 106  | 123964   | 47.72  | ug/l   | 99       |
| 70) Styrene                   | 10.118 | 104  | 212416   | 46.34  | ug/l   | 100      |
| 71) Bromoform                 | 10.298 | 173  | 63830    | 44.25  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.491 | 105  | 334353   | 56.29  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.324 | 43   | 217981   | 49.37  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 147089   | 52.49  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.828 | 75   | 166755   | 63.29  | ug/l   | 95       |
| 77) Bromobenzene              | 10.787 | 156  | 81137    | 53.07  | ug/l   | 98       |
| 78) n-propylbenzene           | 10.912 | 91   | 418201   | 57.58  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 10.992 | 91   | 247148   | 54.89  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 289496   | 51.67  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.552 | 75   | 45101    | 55.74  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 11.102 | 91   | 289789   | 56.33  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.427 | 119  | 274318   | 55.54  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 294533   | 51.93  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.648 | 105  | 347351   | 51.49  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.800 | 119  | 296338   | 51.06  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.751 | 146  | 149225   | 51.59  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.841 | 146  | 149819   | 49.94  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.214 | 91   | 282314   | 49.51  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.481 | 117  | 45010    | 54.16  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.217 | 146  | 153889   | 51.52  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 13.002 | 75   | 39200    | 56.76  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 13.848 | 180  | 102441   | 52.76  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.028 | 225  | 46372    | 50.16  | ug/l   | 99       |
| 95) Naphthalene               | 14.092 | 128  | 365461   | 51.92  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 105540   | 54.50  | ug/l   | 99       |

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Operator : SY/MD  
Sample : M2322-07MSD  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 23 Sample Multiplier: 1

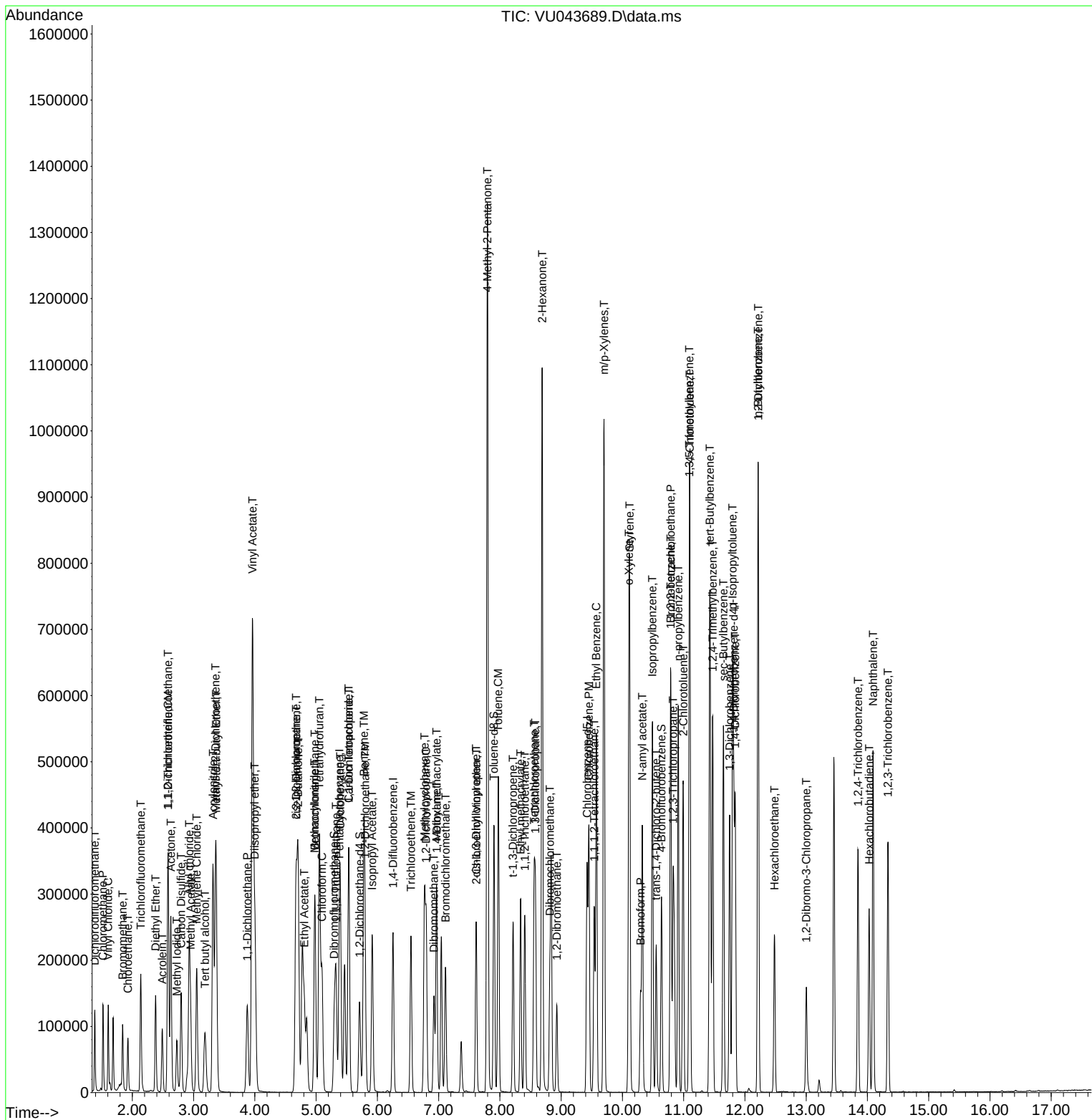
Instrument :  
MSVOA\_U  
ClientSampleId :

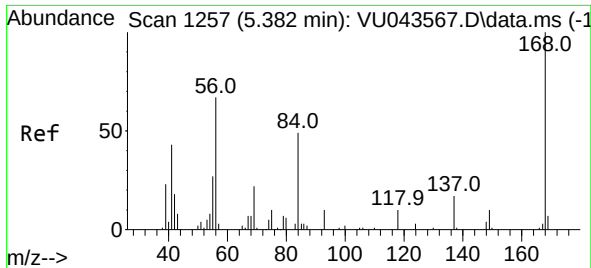
Quant Time: May 13 01:36:27 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U050621W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 11 09:51:45 2021  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U050621W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 11 09:51:45 2021  
Response via : Initial Calibration

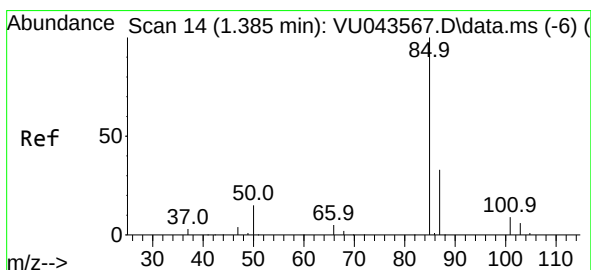
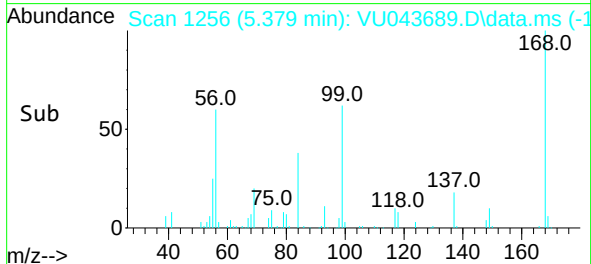
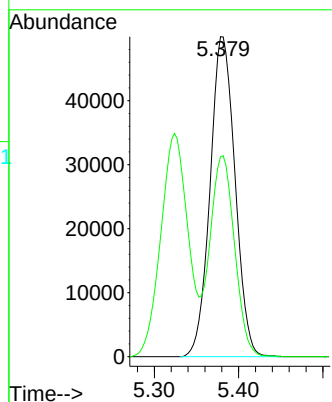
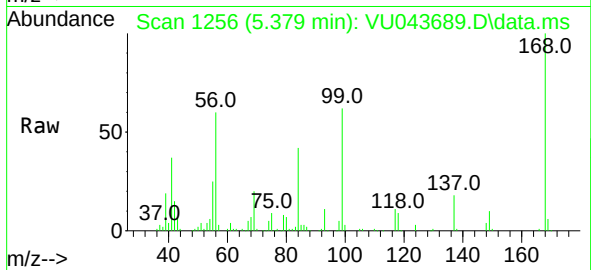




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.379 min Scan# 1256  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

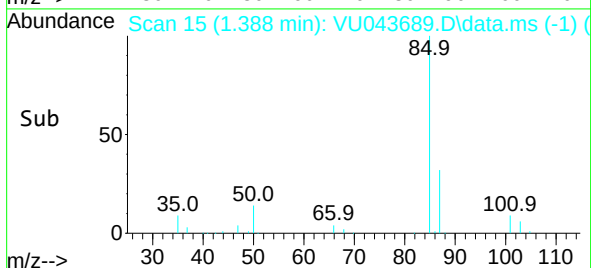
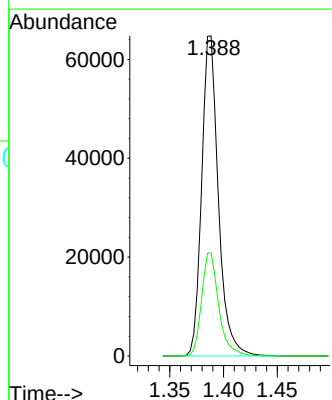
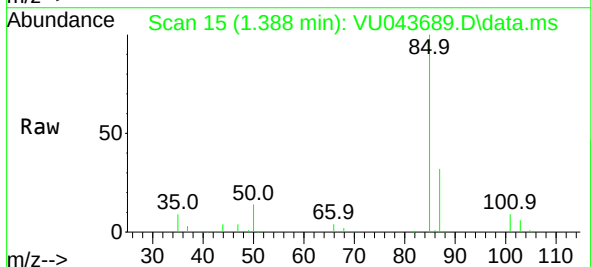
Instrument :  
MSVOA\_U  
ClientSampleId :

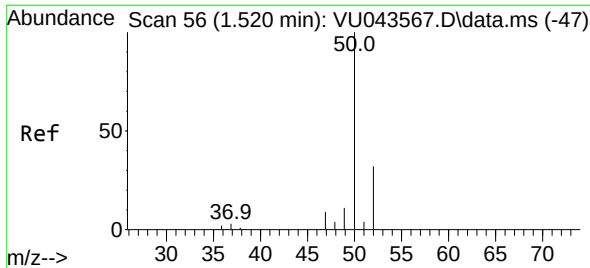
Tgt Ion:168 Resp: 102651  
Ion Ratio Lower Upper  
168 100  
99 62.2 49.0 73.6



#2  
Dichlorodifluoromethane  
Concen: 48.99 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. 0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 85 Resp: 70142  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.7 50.1

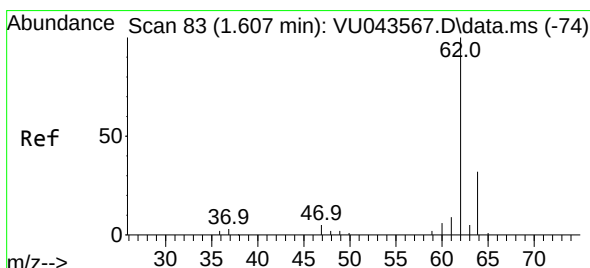
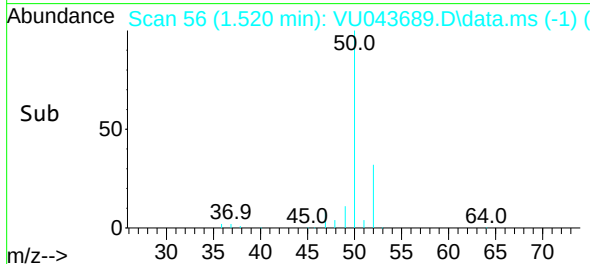
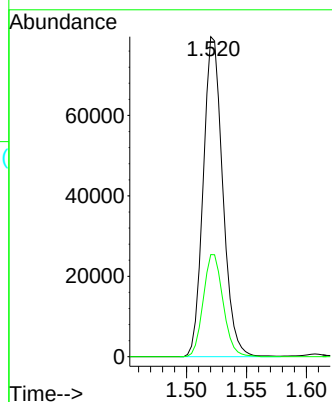
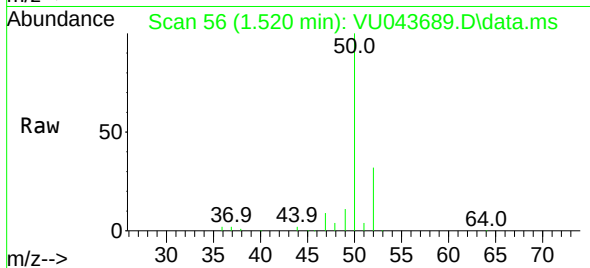




#3  
Chloromethane  
Concen: 51.03 ug/l  
RT: 1.520 min Scan# 56  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

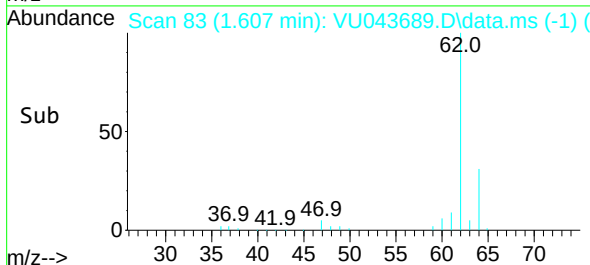
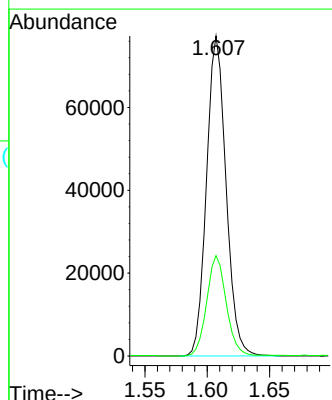
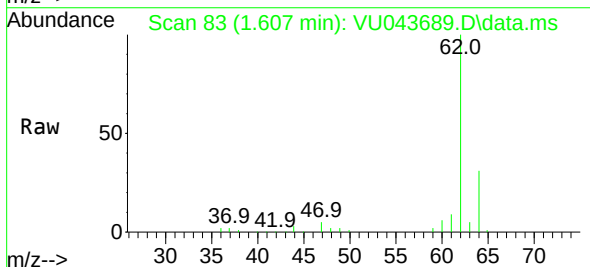
Instrument :  
MSVOA\_U  
ClientSampleId :

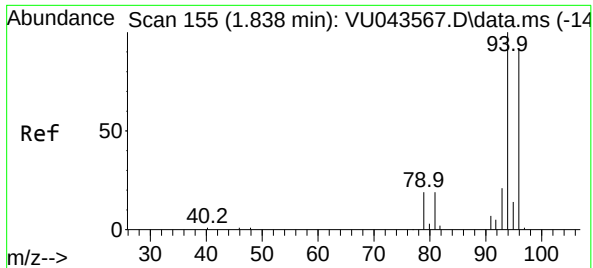
Tgt Ion: 50 Resp: 90284  
Ion Ratio Lower Upper  
50 100  
52 31.9 25.9 38.9



#4  
Vinyl Chloride  
Concen: 51.60 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 62 Resp: 84081  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.4 38.2

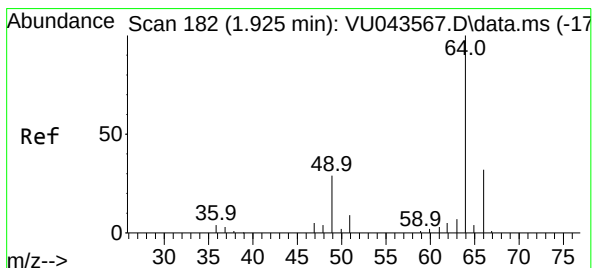
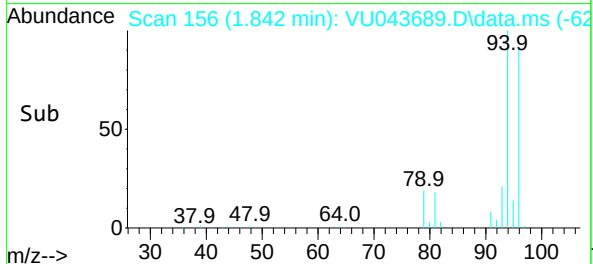
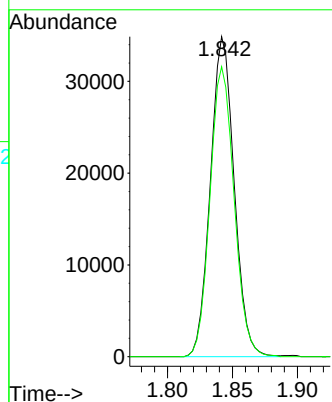
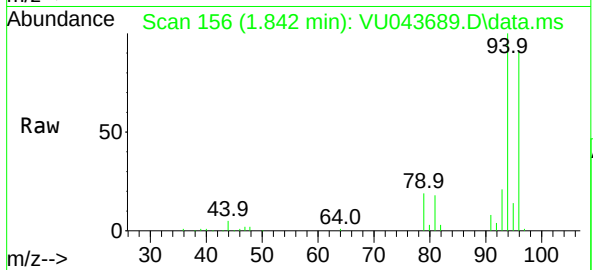




#5  
Bromomethane  
Concen: 48.33 ug/l  
RT: 1.842 min Scan# 156  
Delta R.T. 0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

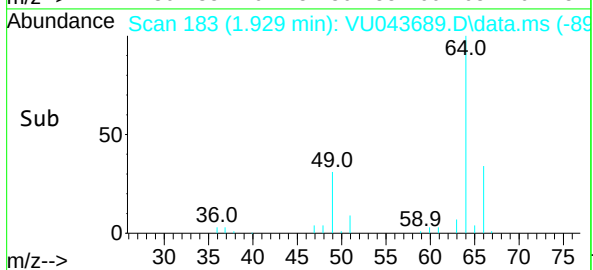
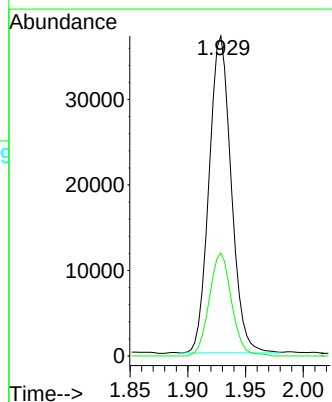
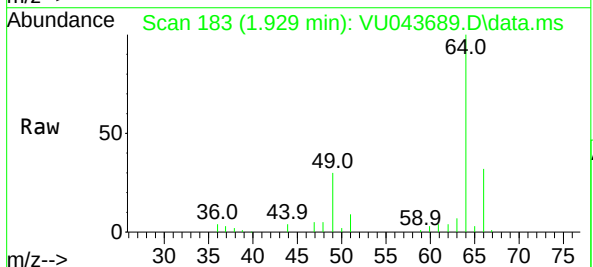
Instrument :  
MSVOA\_U  
ClientSampleId :

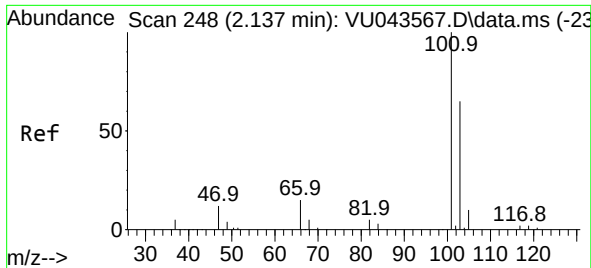
Tgt Ion: 94 Resp: 44333  
Ion Ratio Lower Upper  
94 100  
96 90.6 73.3 109.9



#6  
Chloroethane  
Concen: 47.40 ug/l  
RT: 1.929 min Scan# 183  
Delta R.T. 0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 64 Resp: 49533  
Ion Ratio Lower Upper  
64 100  
66 32.4 25.7 38.5

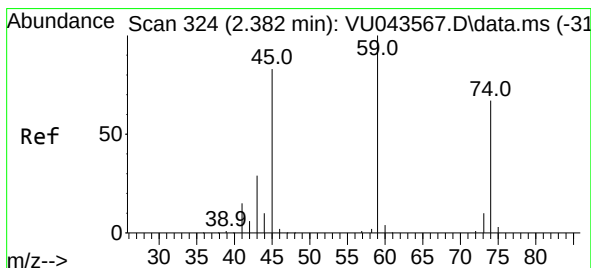
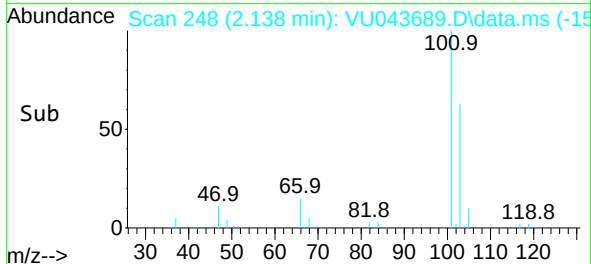
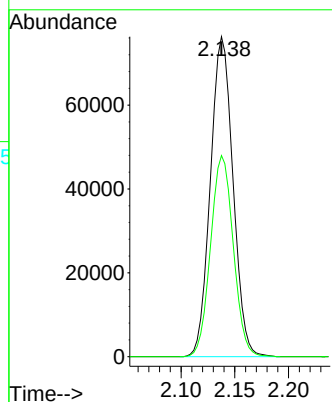
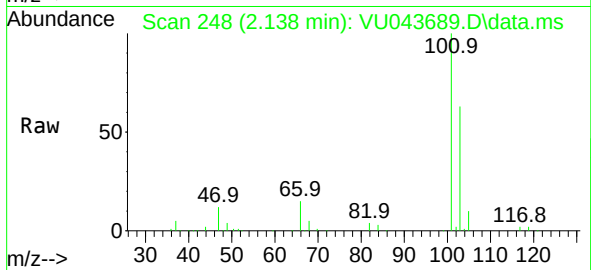




#7  
Trichlorofluoromethane  
Concen: 50.57 ug/l  
RT: 2.138 min Scan# 248  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

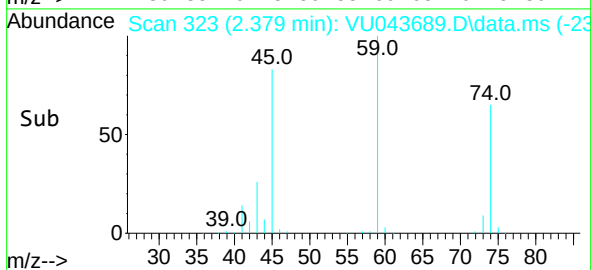
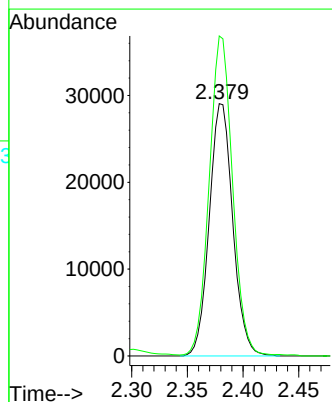
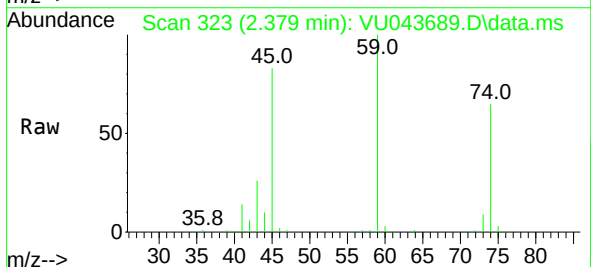
Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion:101 Resp: 111596  
Ion Ratio Lower Upper  
101 100  
103 62.9 52.3 78.5

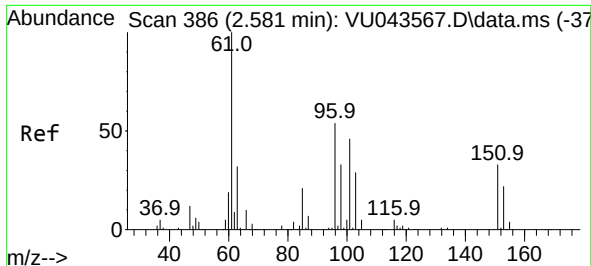


#8  
Diethyl Ether  
Concen: 53.29 ug/l  
RT: 2.379 min Scan# 323  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 74 Resp: 42640  
Ion Ratio Lower Upper  
74 100  
45 125.5 62.6 187.8



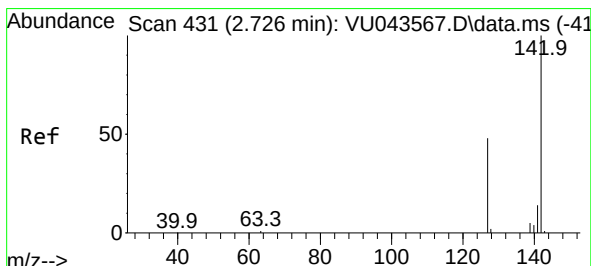
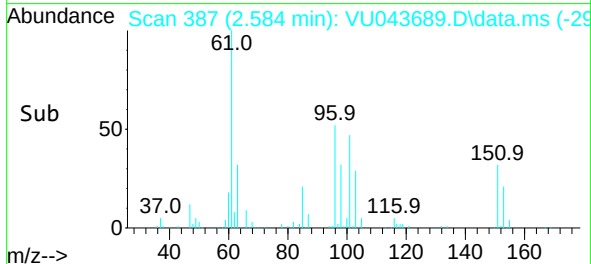
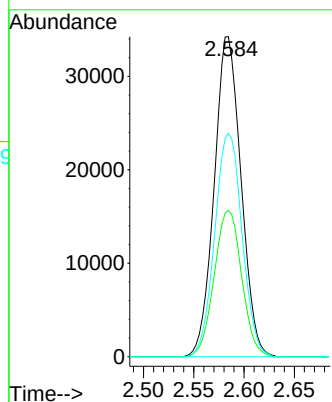
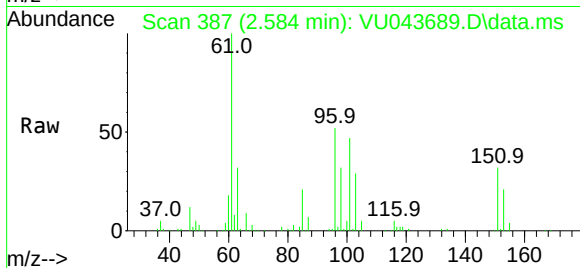




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.96 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. 0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

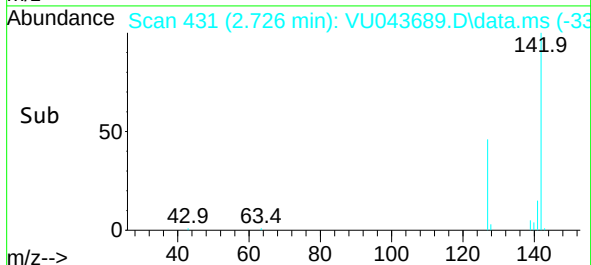
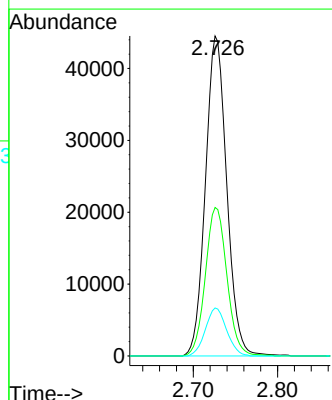
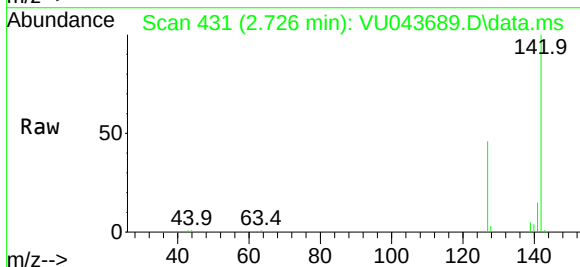
Instrument :  
MSVOA\_U  
ClientSampleId :

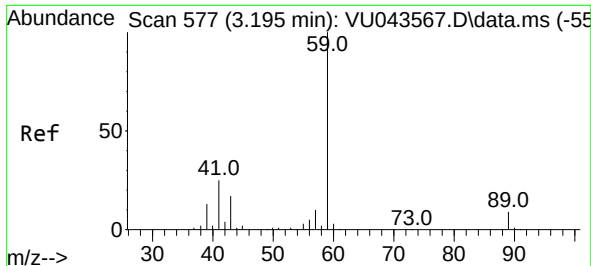
Tgt Ion:101 Resp: 63547  
Ion Ratio Lower Upper  
101 100  
85 46.7 37.3 55.9  
151 71.2 59.4 89.0



#10  
Methyl Iodide  
Concen: 52.21 ug/l  
RT: 2.726 min Scan# 431  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion:142 Resp: 78326  
Ion Ratio Lower Upper  
142 100  
127 47.1 38.9 58.3  
141 15.0 11.8 17.6

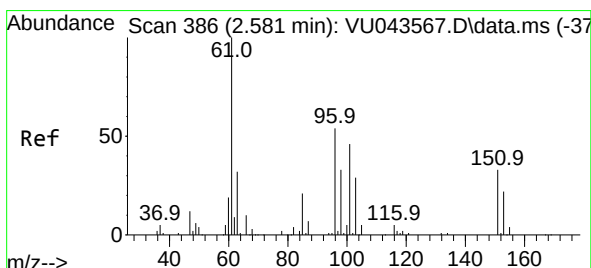
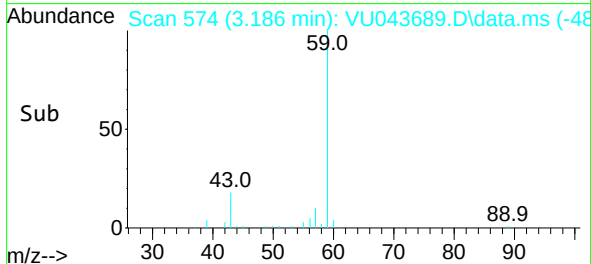
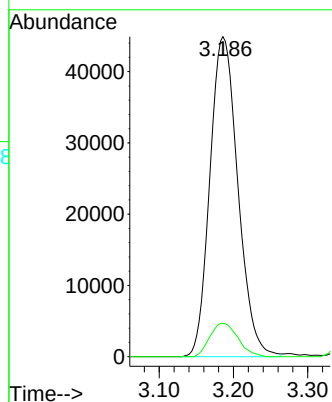
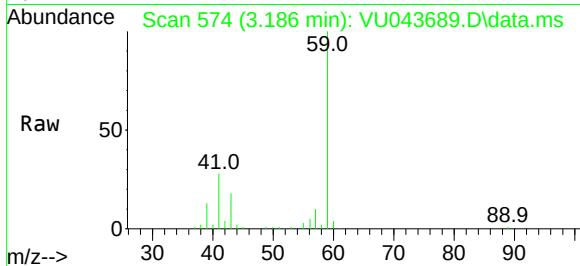




#11  
Tert butyl alcohol  
Concen: 211.13 ug/l  
RT: 3.186 min Scan# 574  
Delta R.T. -0.010 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

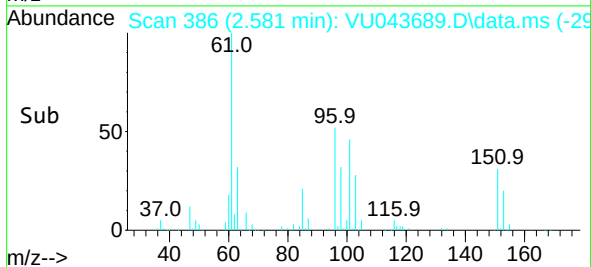
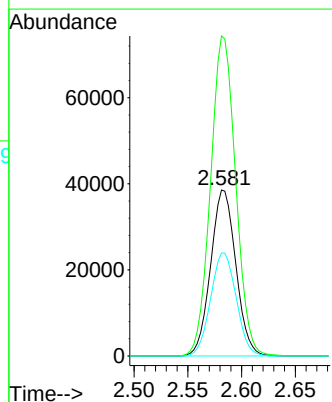
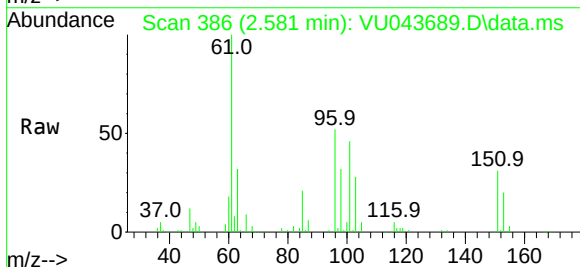
Instrument :  
MSVOA\_U  
ClientSampleId :

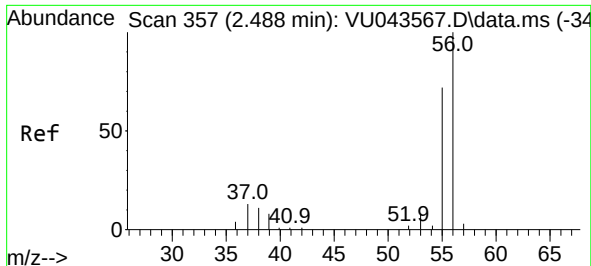
Tgt Ion: 59 Resp: 117712  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.0 12.0



#12  
1,1-Dichloroethene  
Concen: 52.94 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 96 Resp: 62913  
Ion Ratio Lower Upper  
96 100  
61 192.9 148.4 222.6  
98 62.1 49.4 74.2

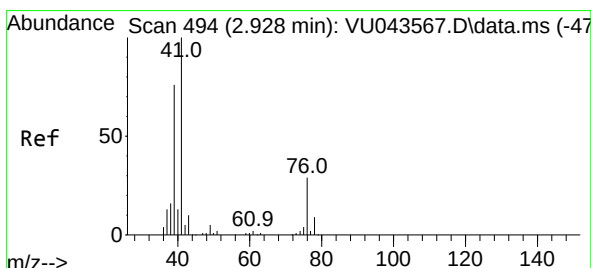
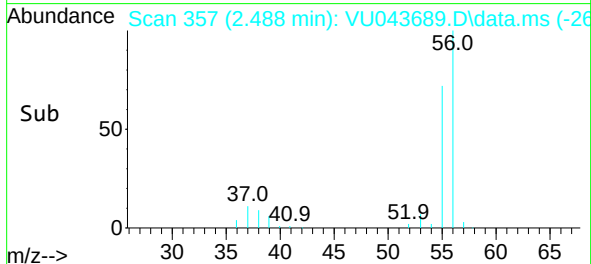
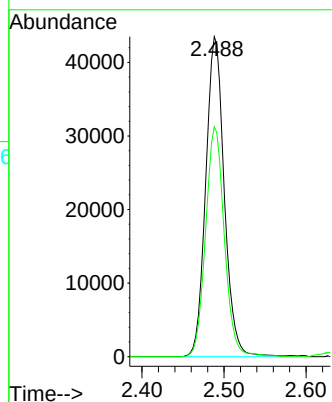
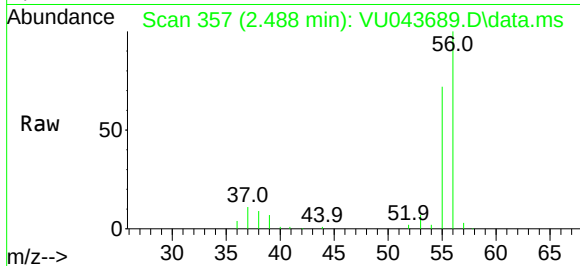




#13  
Acrolein  
Concen: 278.76 ug/l  
RT: 2.488 min Scan# 357  
Delta R.T. -0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

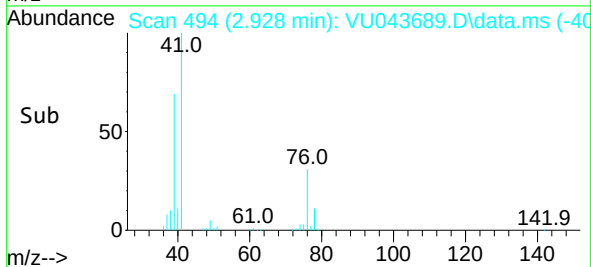
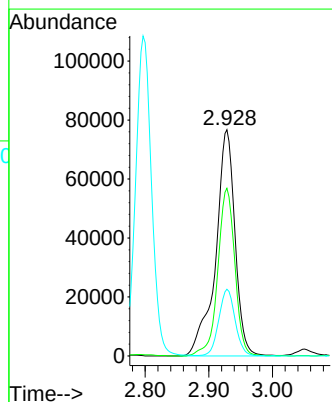
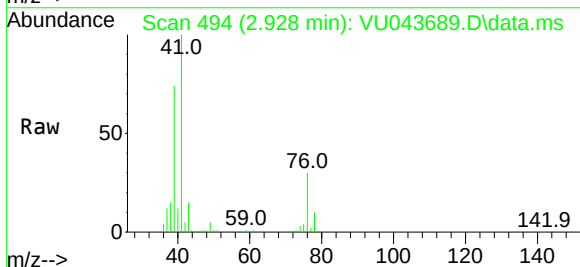
Instrument :  
MSVOA\_U  
ClientSampled :

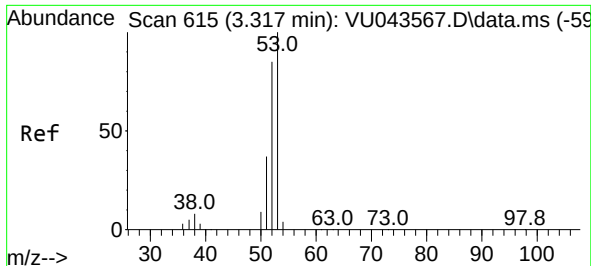
Tgt Ion: 56 Resp: 68403  
Ion Ratio Lower Upper  
56 100  
55 72.7 56.9 85.3



#14  
Allyl chloride  
Concen: 54.64 ug/l  
RT: 2.928 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

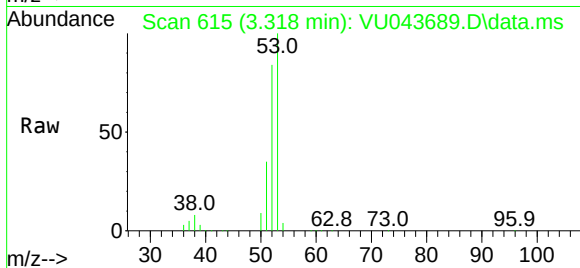
Tgt Ion: 41 Resp: 162708  
Ion Ratio Lower Upper  
41 100  
39 65.2 54.5 81.7  
76 24.9 19.9 29.9



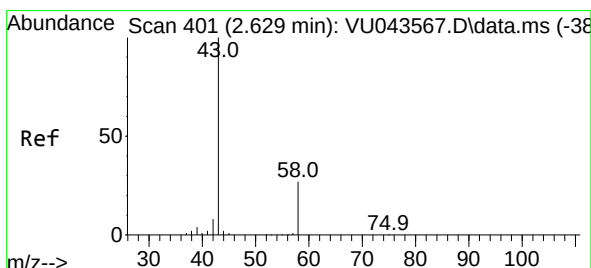
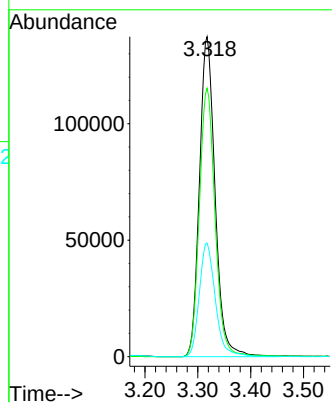
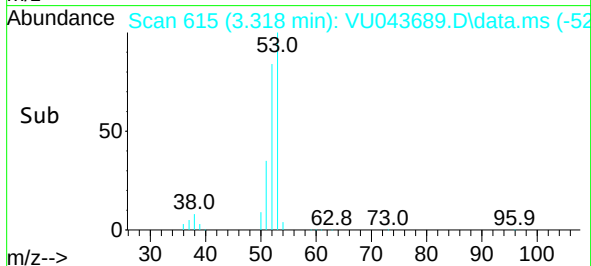


#15  
Acrylonitrile  
Concen: 279.10 ug/l  
RT: 3.318 min Scan# 615  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

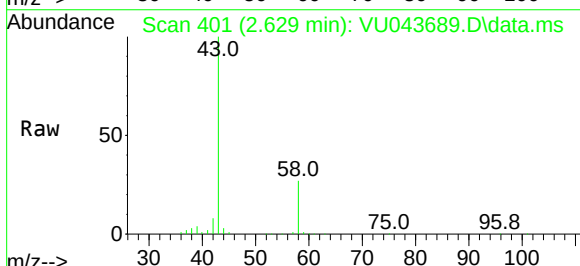
Instrument :  
MSVOA\_U  
ClientSampleId :



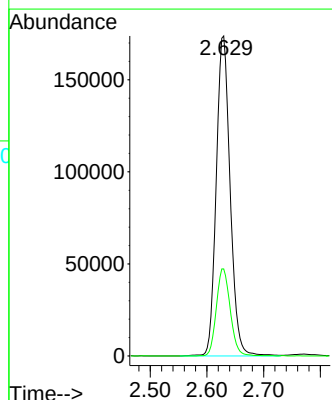
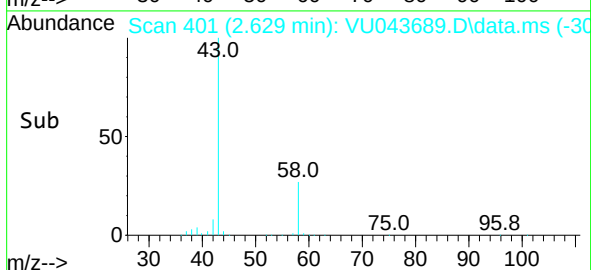
Tgt Ion: 53 Resp: 282438  
Ion Ratio Lower Upper  
53 100  
52 84.0 67.4 101.2  
51 36.5 30.0 45.0

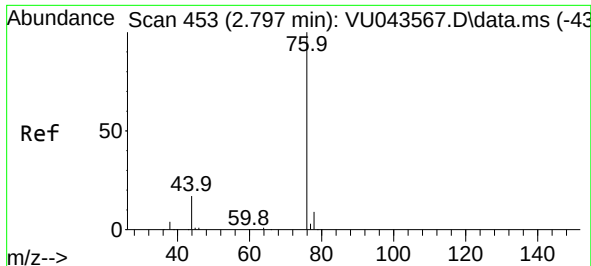


#16  
Acetone  
Concen: 256.95 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43



Tgt Ion: 43 Resp: 296378  
Ion Ratio Lower Upper  
43 100  
58 27.2 21.7 32.5

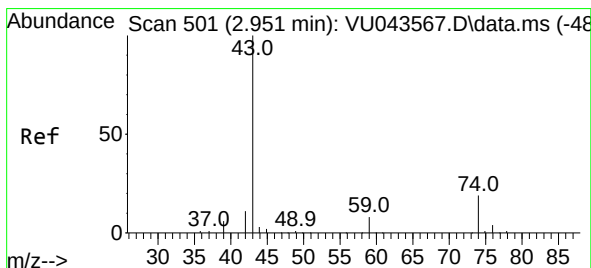
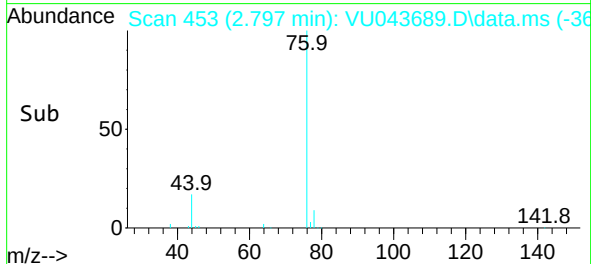
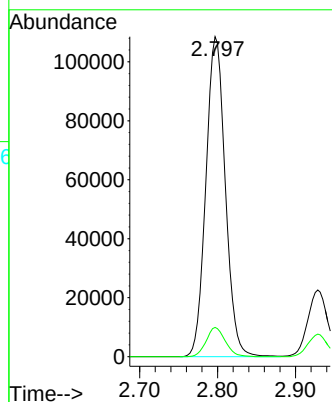
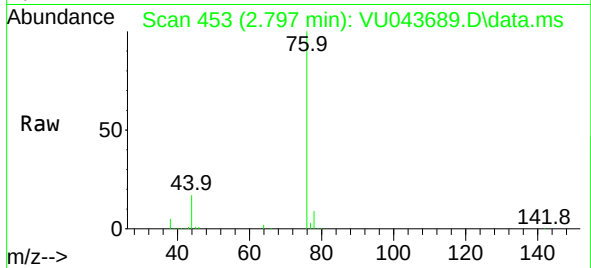




#17  
Carbon Disulfide  
Concen: 49.95 ug/l  
RT: 2.797 min Scan# 453  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

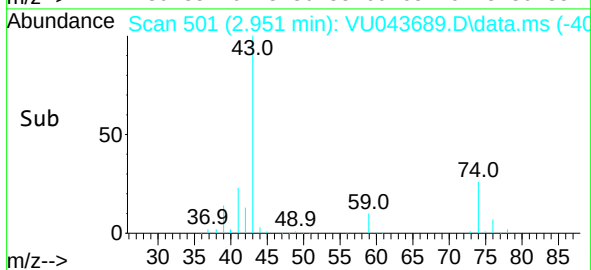
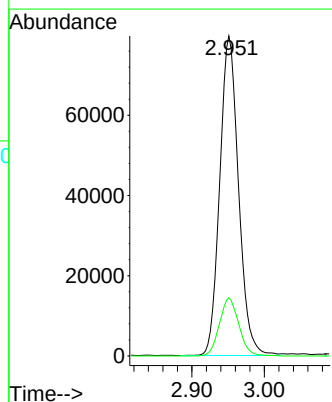
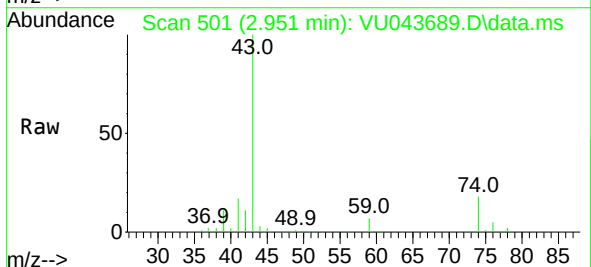
Instrument :  
MSVOA\_U  
ClientSampled :

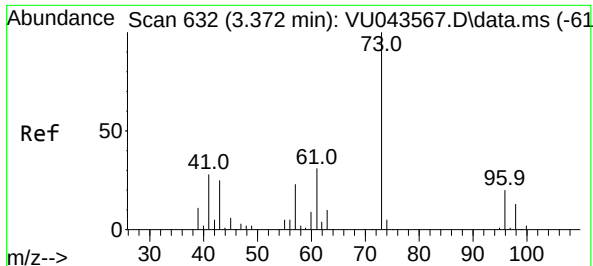
Tgt Ion: 76 Resp: 188224  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6



#18  
Methyl Acetate  
Concen: 54.39 ug/l  
RT: 2.951 min Scan# 501  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 43 Resp: 143424  
Ion Ratio Lower Upper  
43 100  
74 18.8 15.3 22.9



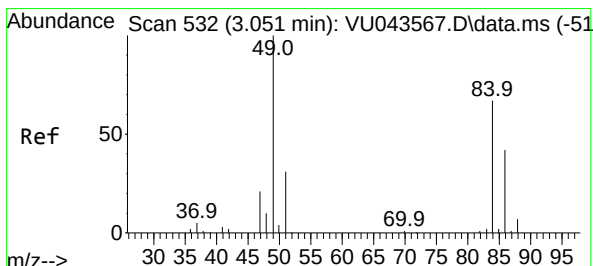
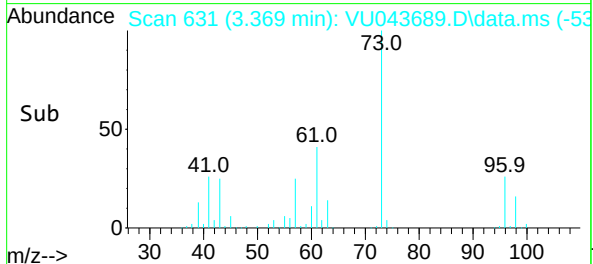
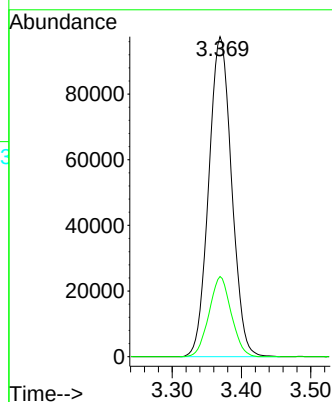
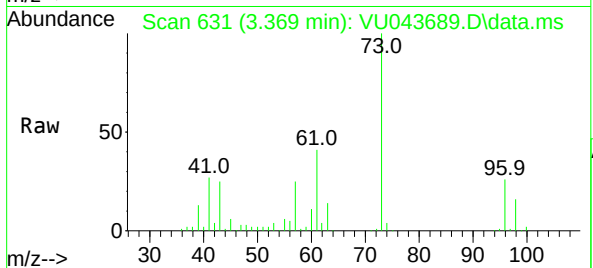


#19

Methyl tert-butyl Ether  
Concen: 54.62 ug/l  
RT: 3.369 min Scan# 631  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Instrument :  
MSVOA\_U  
ClientSampled :

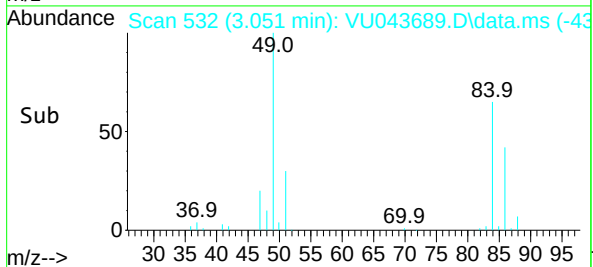
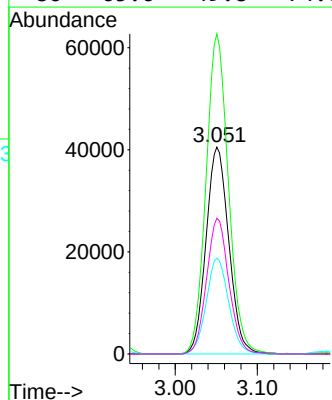
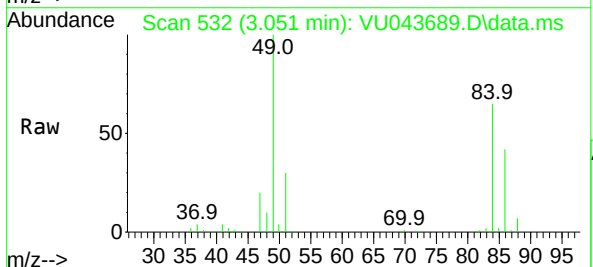
Tgt Ion: 73 Resp: 223236  
Ion Ratio Lower Upper  
73 100  
57 25.0 18.2 27.4

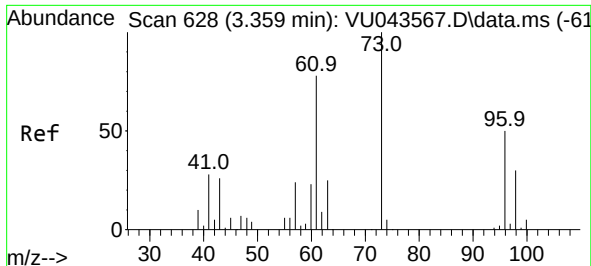


#20

Methylene Chloride  
Concen: 48.18 ug/l  
RT: 3.051 min Scan# 532  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 84 Resp: 78194  
Ion Ratio Lower Upper  
84 100  
49 154.7 119.0 178.4  
51 46.4 36.8 55.2  
86 65.6 49.8 74.6

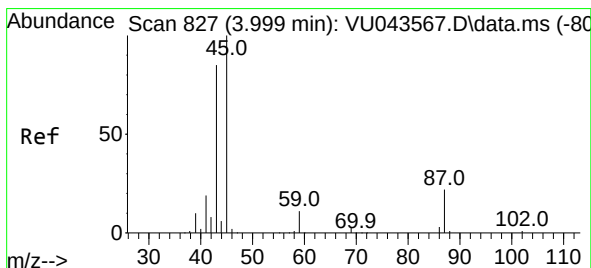
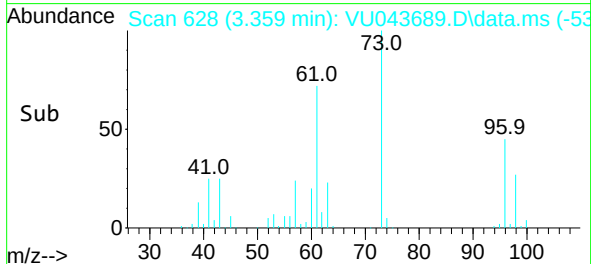
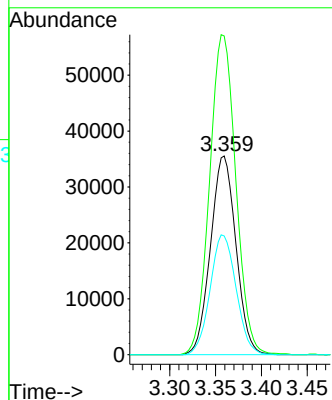
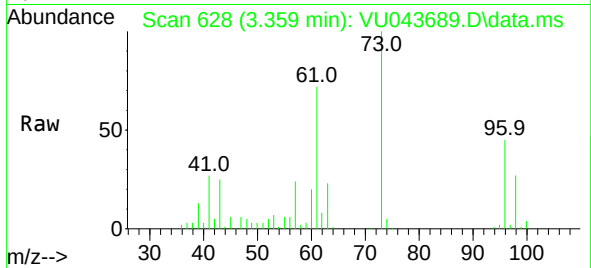




#21  
trans-1,2-Dichloroethene  
Concen: 53.18 ug/l  
RT: 3.359 min Scan# 628  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

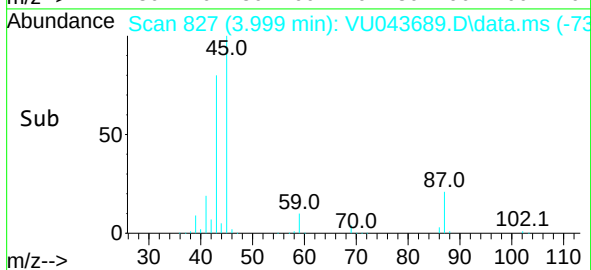
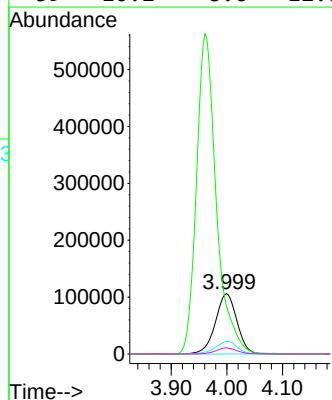
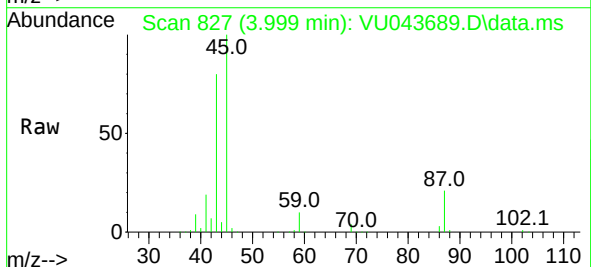
Instrument :  
MSVOA\_U  
ClientSampleId :

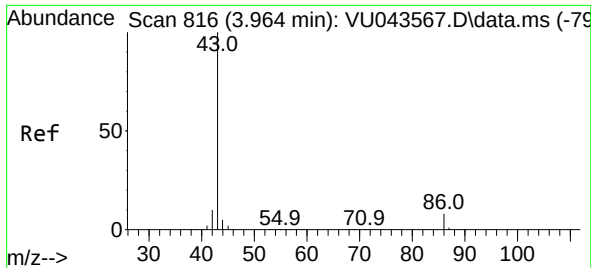
Tgt Ion: 96 Resp: 68716  
Ion Ratio Lower Upper  
96 100  
61 160.4 124.4 186.6  
98 59.7 48.4 72.6



#22  
Diisopropyl ether  
Concen: 55.61 ug/l  
RT: 3.999 min Scan# 827  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 45 Resp: 284009  
Ion Ratio Lower Upper  
45 100  
43 79.0 69.0 103.4  
87 20.8 17.8 26.6  
59 10.2 8.6 12.8

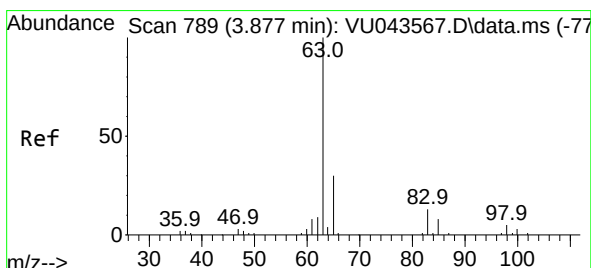
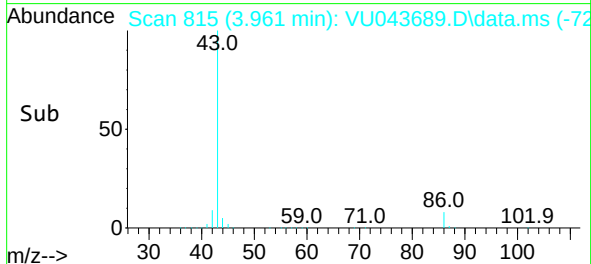
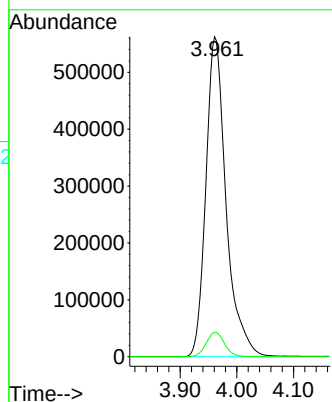
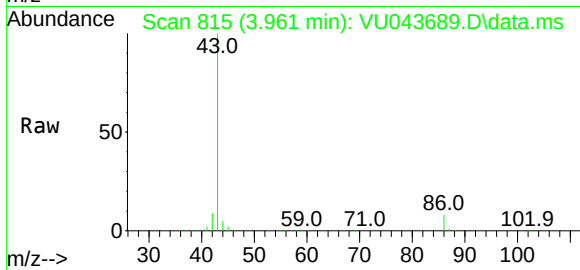




#23  
 Vinyl Acetate  
 Concen: 238.37 ug/l  
 RT: 3.961 min Scan# 815  
 Delta R.T. -0.003 min  
 Lab File: VU043689.D  
 Acq: 12 May 2021 19:43

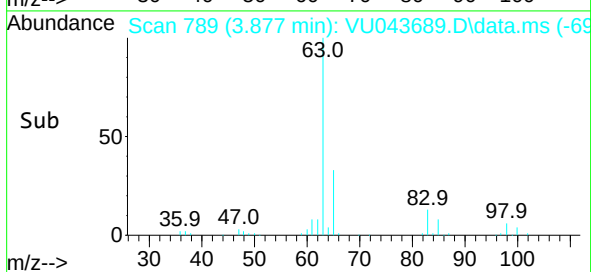
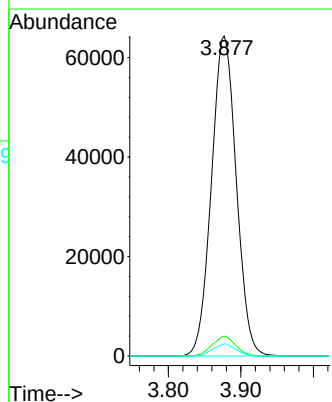
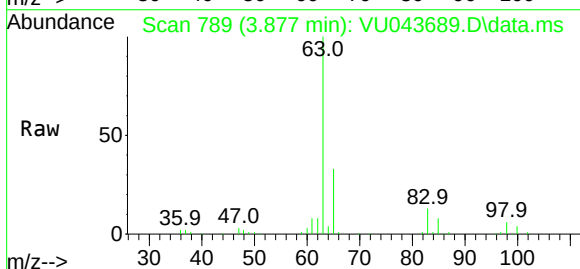
Instrument :  
 MSVOA\_U  
 ClientSampled :

Tgt Ion: 43 Resp: 1393159  
 Ion Ratio Lower Upper  
 43 100  
 86 7.6 6.2 9.2

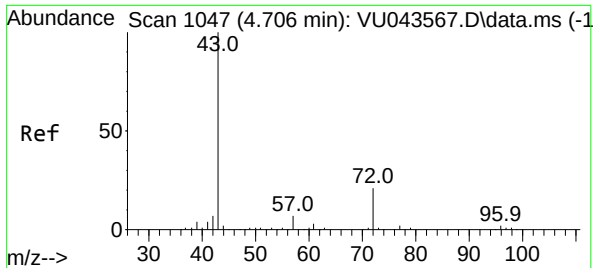


#24  
 1,1-Dichloroethane  
 Concen: 51.80 ug/l  
 RT: 3.877 min Scan# 789  
 Delta R.T. 0.000 min  
 Lab File: VU043689.D  
 Acq: 12 May 2021 19:43

Tgt Ion: 63 Resp: 152941  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 2.8 8.3  
 100 3.8 1.7 5.1



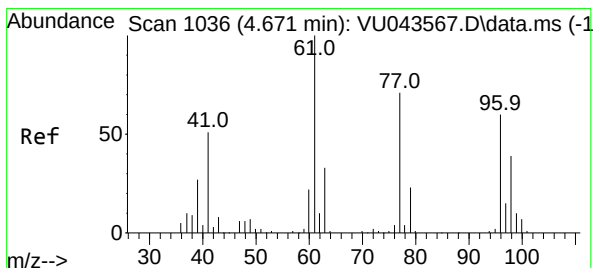
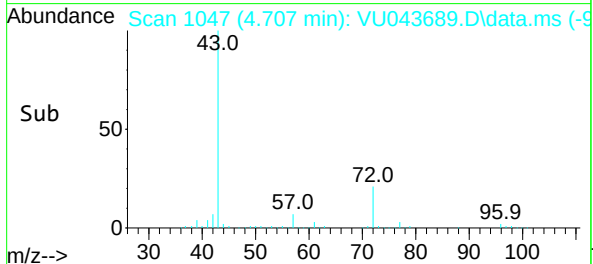
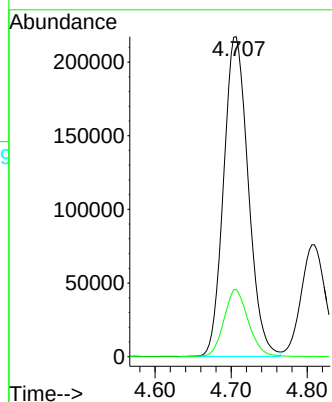
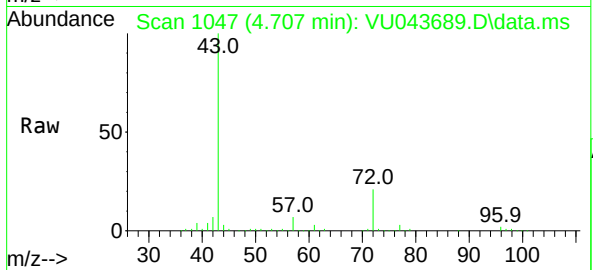




#25  
2-Butanone  
Concen: 274.78 ug/l  
RT: 4.707 min Scan# 1047  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

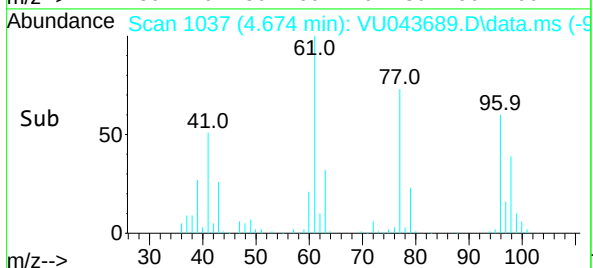
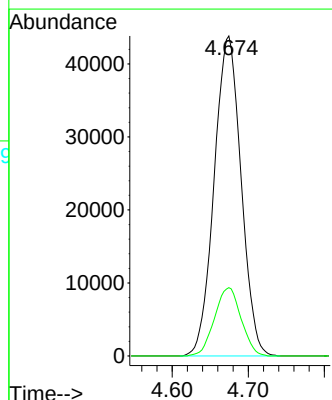
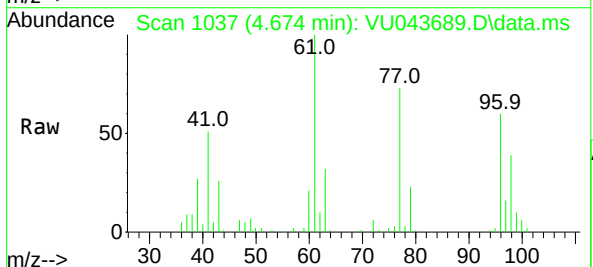
Instrument :  
MSVOA\_U  
ClientSampled :

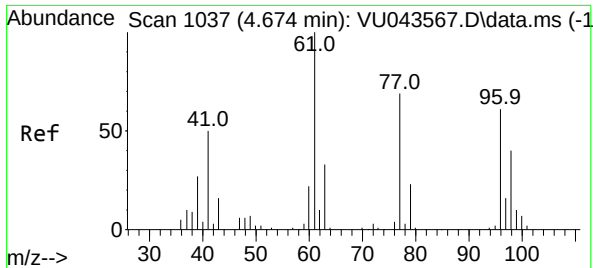
Tgt Ion: 43 Resp: 488633  
Ion Ratio Lower Upper  
43 100  
72 21.1 16.5 24.7



#26  
2,2-Dichloropropane  
Concen: 54.13 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. 0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 77 Resp: 107708  
Ion Ratio Lower Upper  
77 100  
97 21.1 10.8 32.4



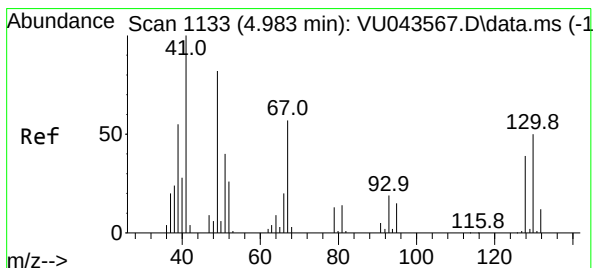
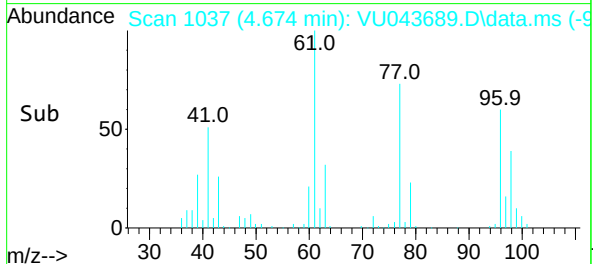
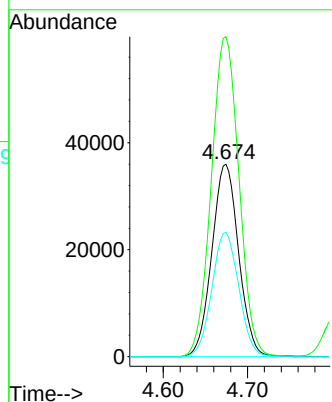
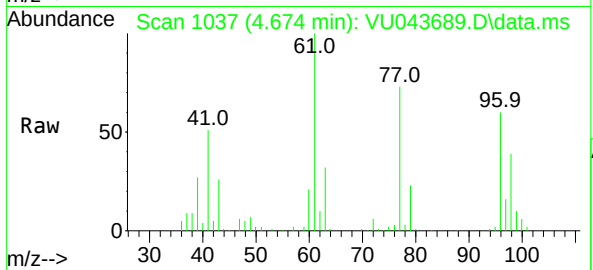


#27

cis-1,2-Dichloroethene  
Concen: 53.21 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Instrument :  
MSVOA\_U  
ClientSampleId :

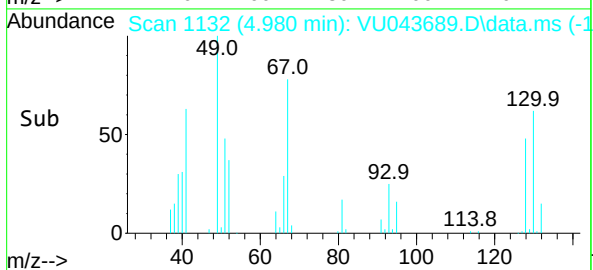
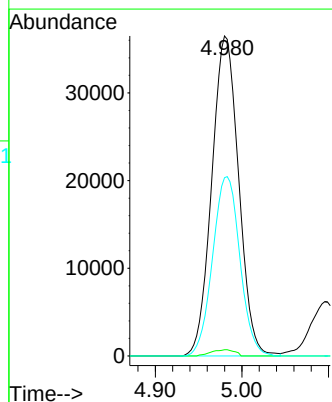
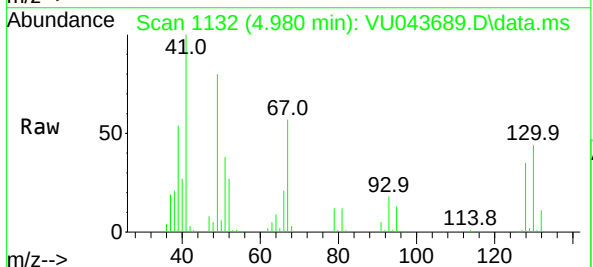
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 79317 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 172.0 | 0.0   | 334.6 |
| 98       | 65.0  | 0.0   | 126.8 |

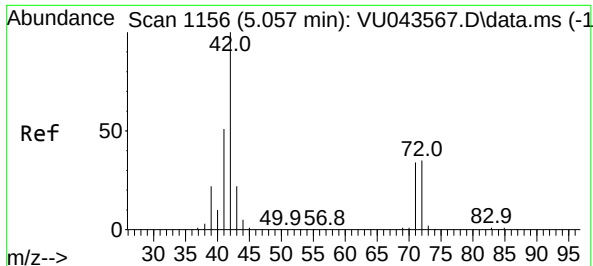


#28

Bromochloromethane  
Concen: 53.19 ug/l  
RT: 4.980 min Scan# 1132  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 78801 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.7   | 0.0   | 1.8   |
| 130      | 56.8  | 48.1  | 72.1  |





#29

Tetrahydrofuran

Concen: 277.92 ug/l

RT: 5.054 min Scan# 1155

Delta R.T. -0.003 min

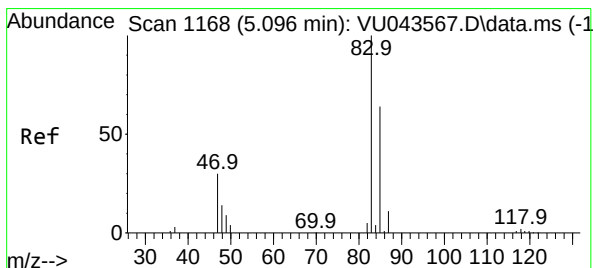
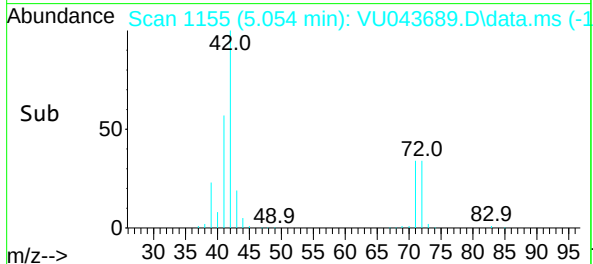
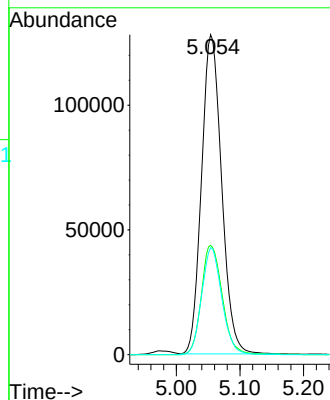
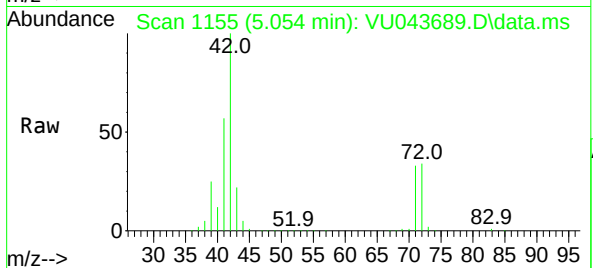
Lab File: VU043689.D

Acq: 12 May 2021 19:43

Tgt Ion: 42 Resp: 280649

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 35.5  | 28.5  | 42.7  |
| 71  | 33.6  | 27.4  | 41.2  |

Instrument :  
MSVOA\_U  
ClientSampleId :



#30

Chloroform

Concen: 50.67 ug/l

RT: 5.096 min Scan# 1168

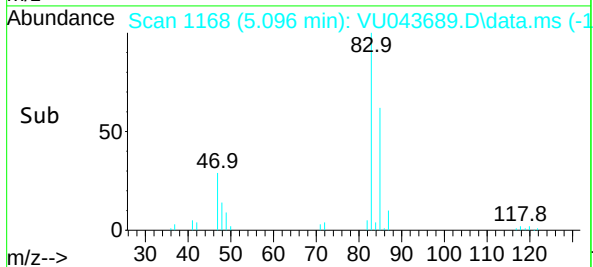
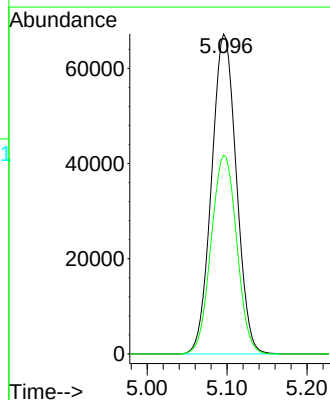
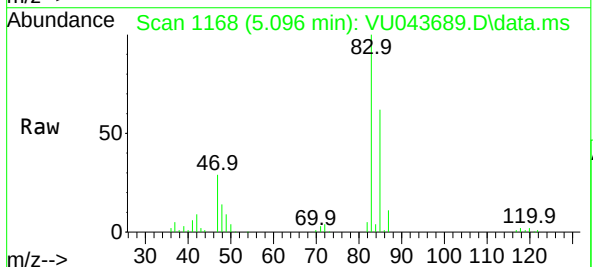
Delta R.T. 0.000 min

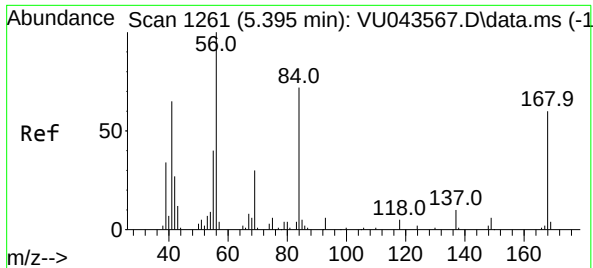
Lab File: VU043689.D

Acq: 12 May 2021 19:43

Tgt Ion: 83 Resp: 144629

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 62.1  | 51.2  | 76.8  |

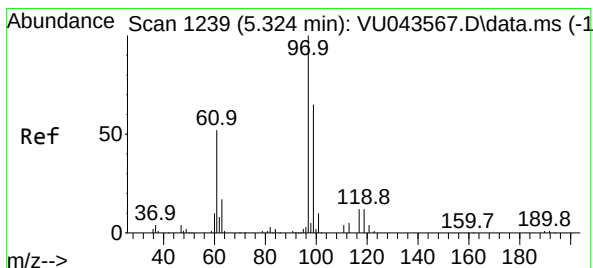
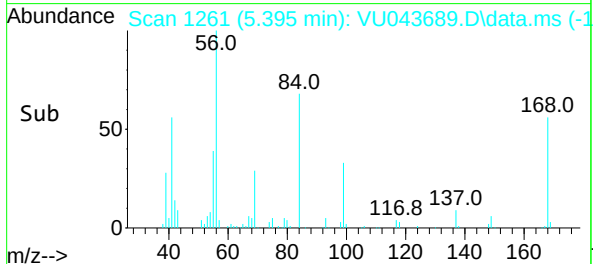
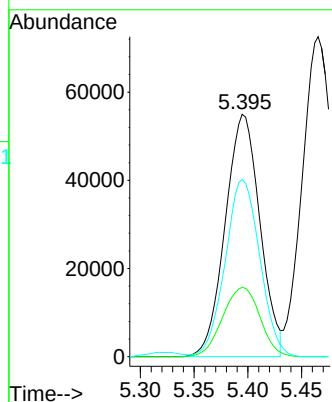
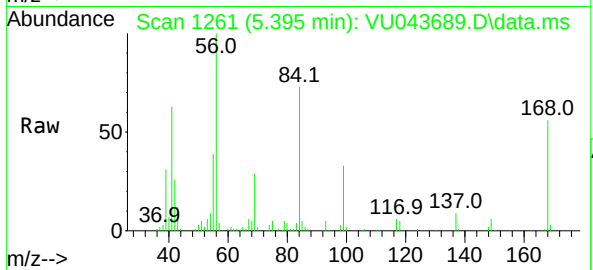




#31  
Cyclohexane  
Concen: 49.75 ug/l  
RT: 5.395 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

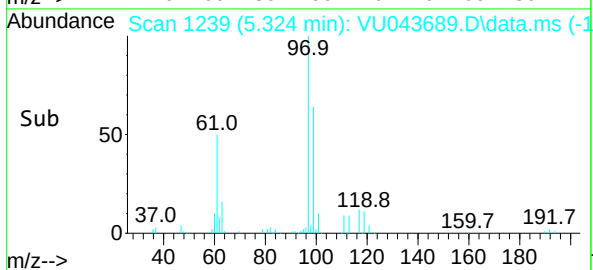
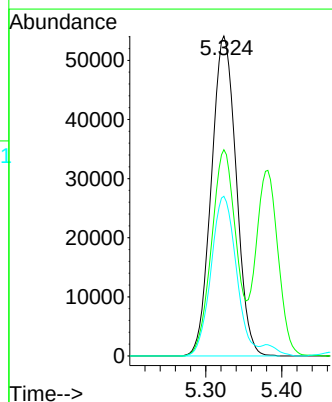
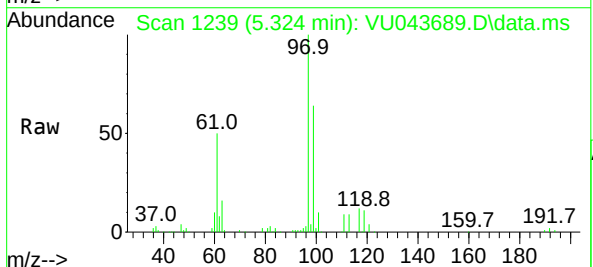
Instrument :  
MSVOA\_U  
ClientSampleId :

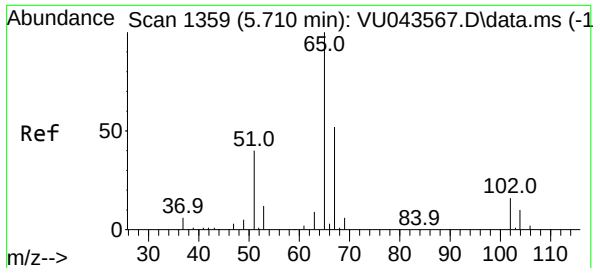
Tgt Ion: 56 Resp: 123387  
Ion Ratio Lower Upper  
56 100  
69 28.6 23.9 35.9  
84 72.1 57.7 86.5



#32  
1,1,1-Trichloroethane  
Concen: 50.34 ug/l  
RT: 5.324 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 97 Resp: 122448  
Ion Ratio Lower Upper  
97 100  
99 63.9 49.9 74.9  
61 50.9 41.3 61.9

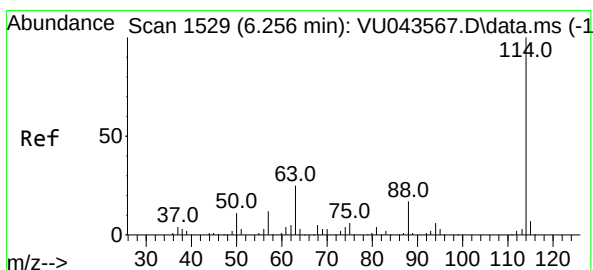
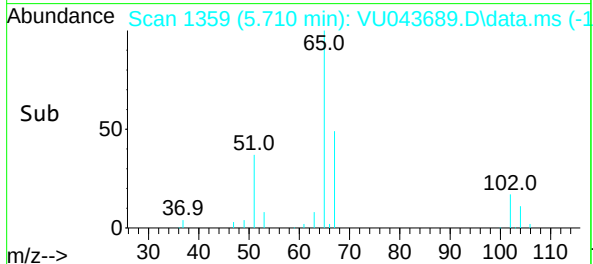
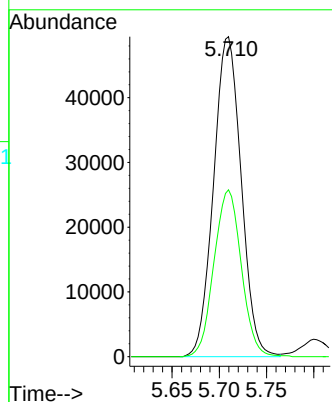
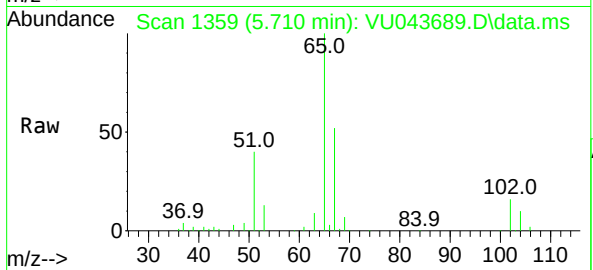




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.24 ug/l  
 RT: 5.710 min Scan# 1359  
 Delta R.T. -0.000 min  
 Lab File: VU043689.D  
 Acq: 12 May 2021 19:43

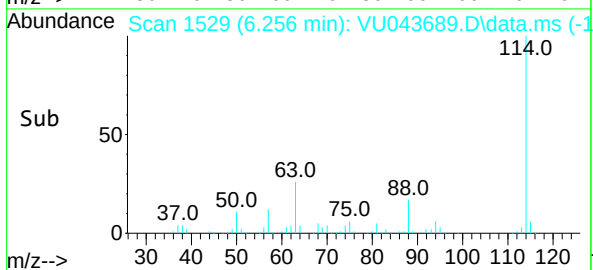
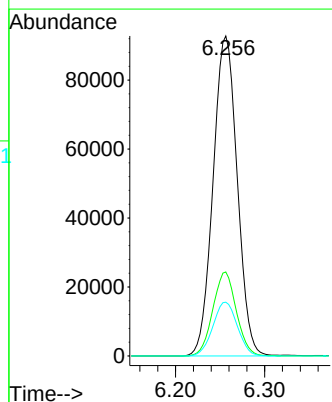
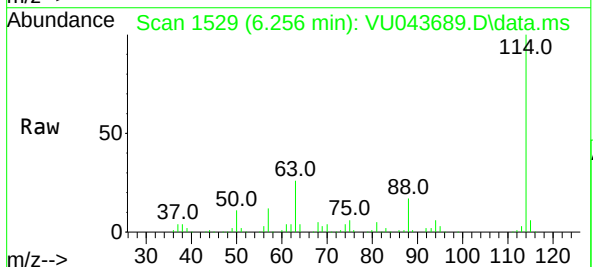
Instrument :  
 MSVOA\_U  
 ClientSampled :

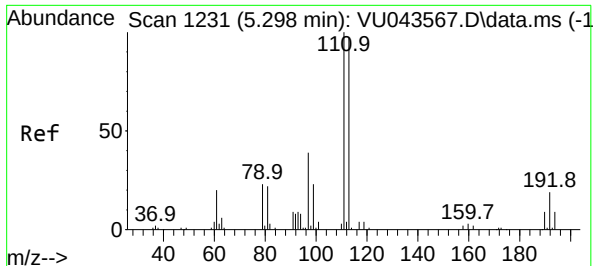
Tgt Ion: 65 Resp: 100304  
 Ion Ratio Lower Upper  
 65 100  
 67 51.6 0.0 104.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.256 min Scan# 1529  
 Delta R.T. 0.000 min  
 Lab File: VU043689.D  
 Acq: 12 May 2021 19:43

Tgt Ion: 114 Resp: 174585  
 Ion Ratio Lower Upper  
 114 100  
 63 26.2 0.0 50.2  
 88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 46.31 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.003 min

Lab File: VU043689.D

Acq: 12 May 2021 19:43

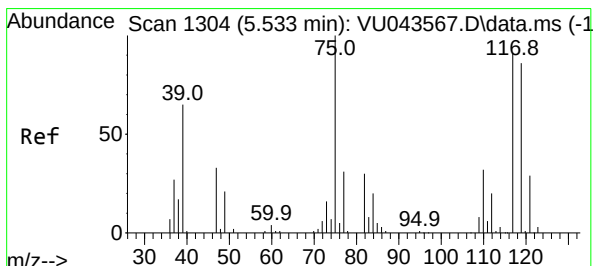
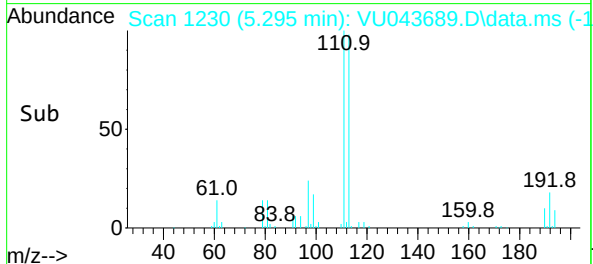
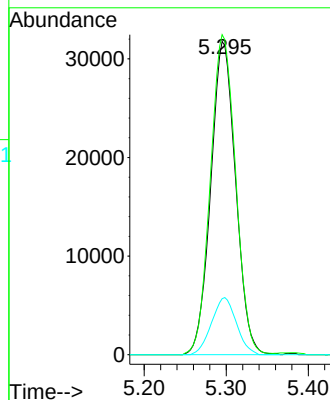
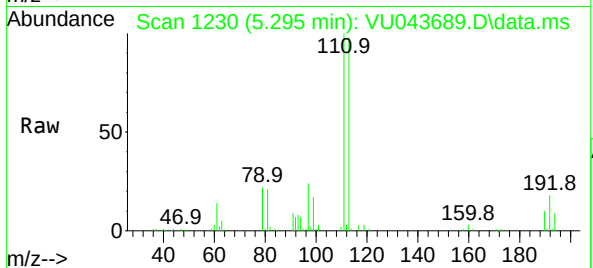
Tgt Ion:113 Resp: 66730

Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

192 18.3 15.8 23.6



#36

1,1-Dichloropropene

Concen: 52.94 ug/l

RT: 5.533 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VU043689.D

Acq: 12 May 2021 19:43

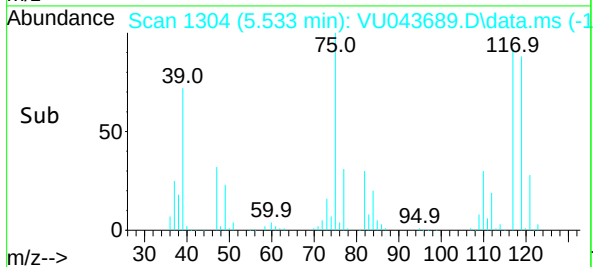
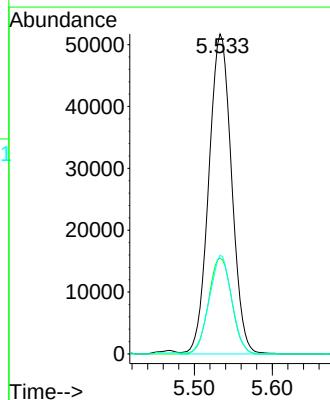
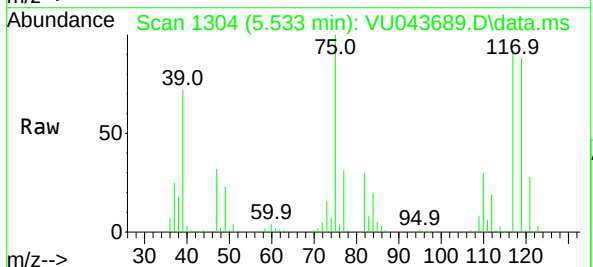
Tgt Ion: 75 Resp: 104927

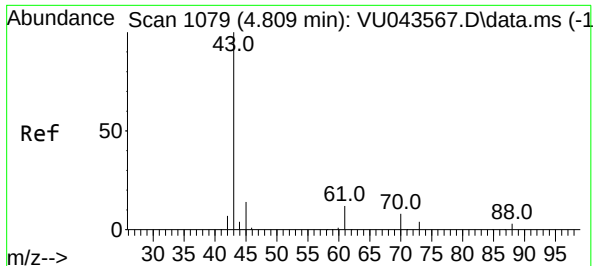
Ion Ratio Lower Upper

75 100

110 30.5 16.2 48.5

77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 51.17 ug/l

RT: 4.806 min Scan# 1078

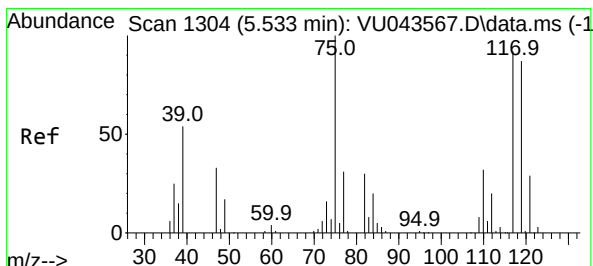
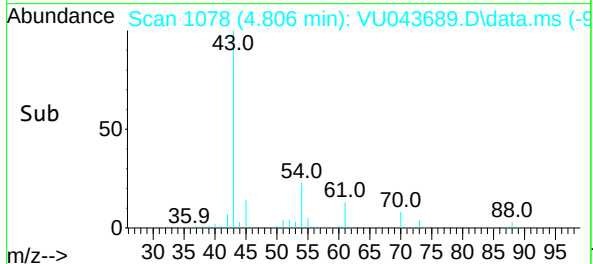
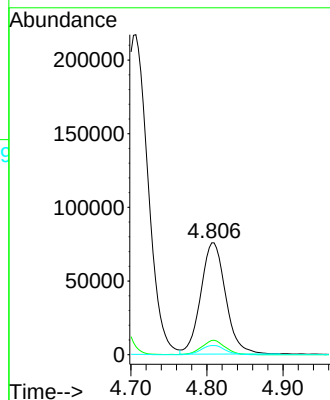
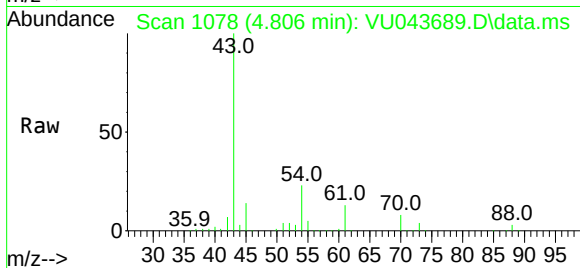
Delta R.T. -0.003 min

Lab File: VU043689.D

Acq: 12 May 2021 19:43

Tgt Ion: 43 Resp: 171768

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 12.2  | 9.7   | 14.5  |
| 70  | 7.9   | 6.5   | 9.7   |



#38

Carbon Tetrachloride

Concen: 51.22 ug/l

RT: 5.533 min Scan# 1304

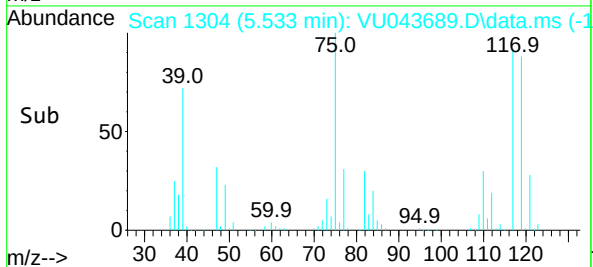
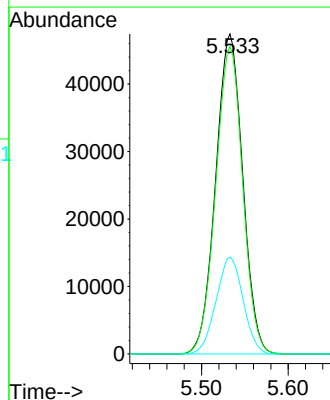
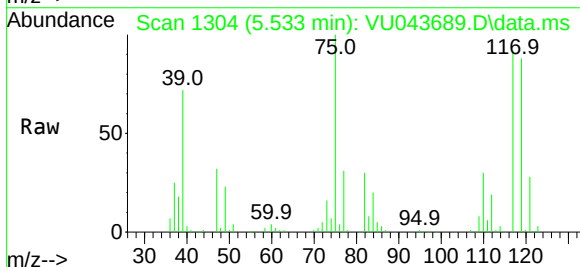
Delta R.T. 0.000 min

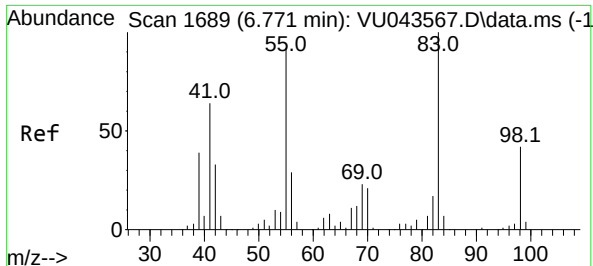
Lab File: VU043689.D

Acq: 12 May 2021 19:43

Tgt Ion: 117 Resp: 102899

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.1  | 75.4  | 113.0 |
| 121 | 30.2  | 25.2  | 37.8  |





#39

Methylcyclohexane

Concen: 52.33 ug/l

RT: 6.771 min Scan# 1689

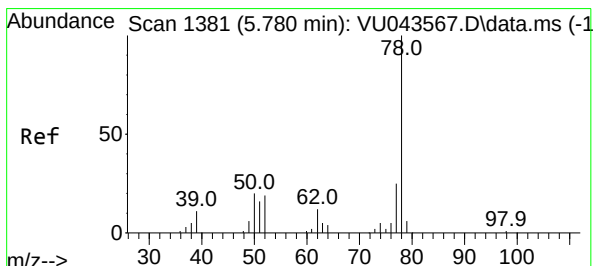
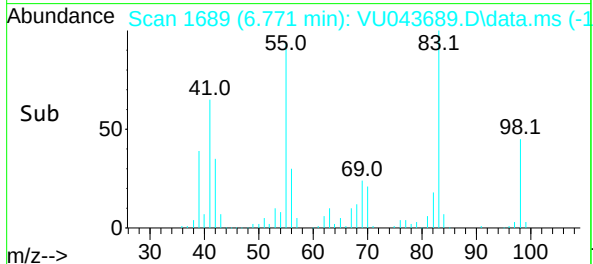
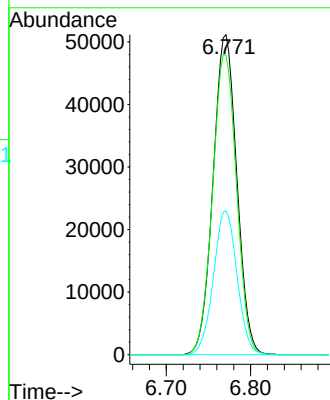
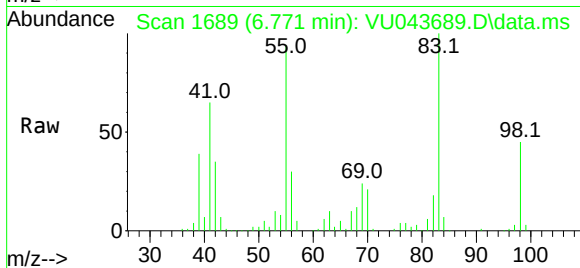
Delta R.T. -0.000 min

Lab File: VU043689.D

Acq: 12 May 2021 19:43

Tgt Ion: 83 Resp: 100213

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 93.6  | 73.7  | 110.5 |
| 98  | 44.9  | 34.0  | 51.0  |



#40

Benzene

Concen: 52.25 ug/l

RT: 5.780 min Scan# 1381

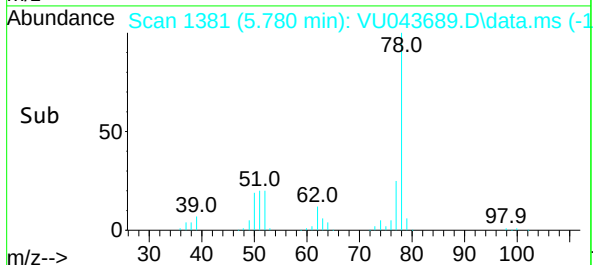
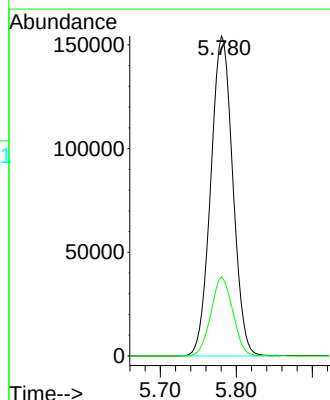
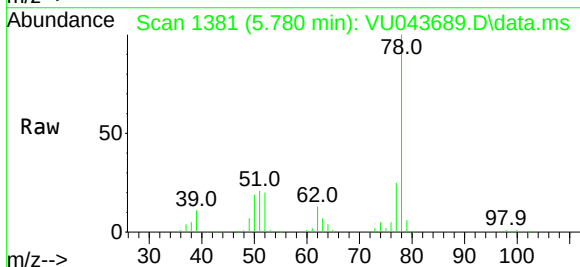
Delta R.T. 0.000 min

Lab File: VU043689.D

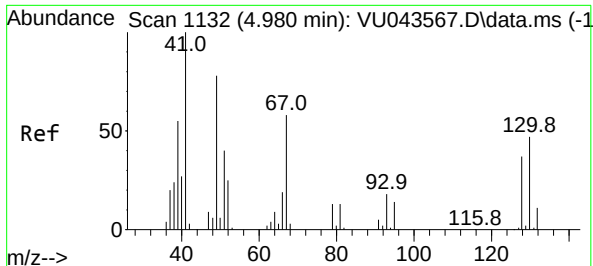
Acq: 12 May 2021 19:43

Tgt Ion: 78 Resp: 310472

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.8  | 19.7  | 29.5  |



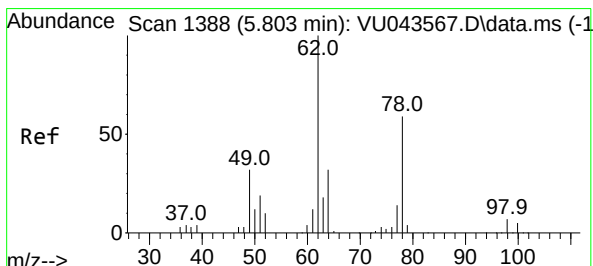
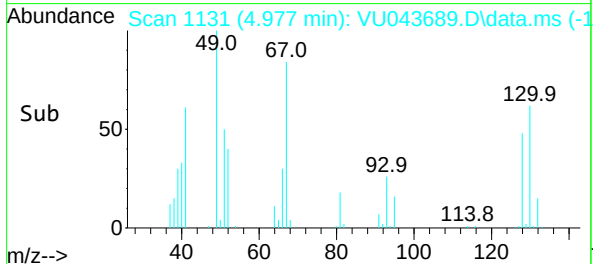
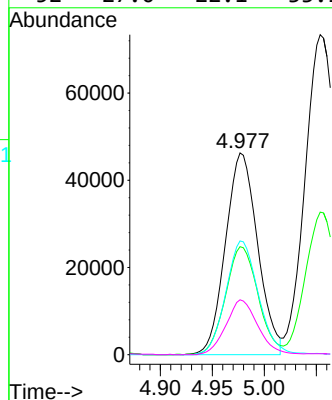
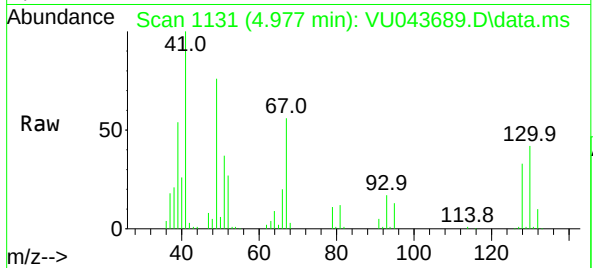




#41  
Methacrylonitrile  
Concen: 51.23 ug/l  
RT: 4.977 min Scan# 1131  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

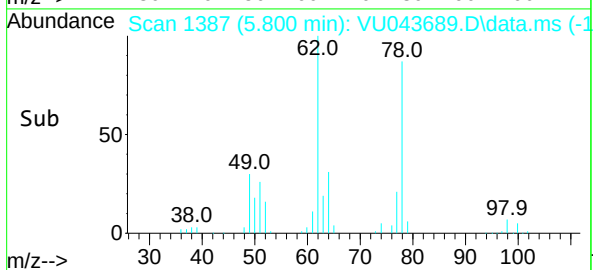
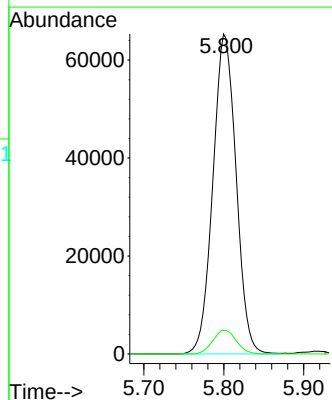
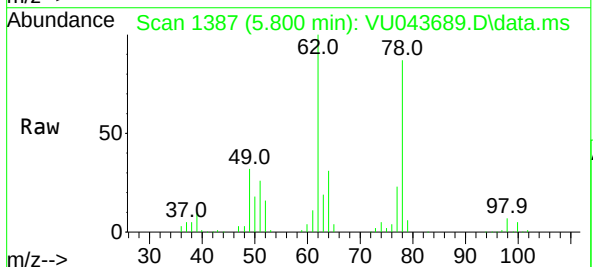
Instrument :  
MSVOA\_U  
ClientSampleId :

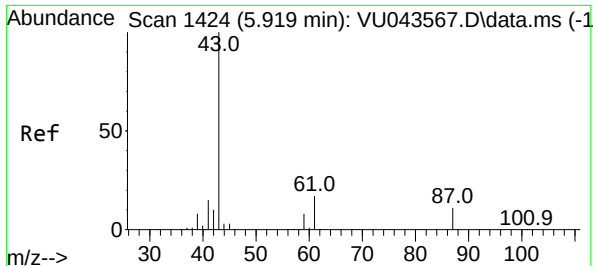
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 99674 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 54.5  | 45.8  | 68.6  |
| 67        | 57.3  | 46.5  | 69.7  |
| 52        | 27.0  | 22.1  | 33.1  |



#42  
1,2-Dichloroethane  
Concen: 50.43 ug/l  
RT: 5.800 min Scan# 1387  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 62    | Resp: | 131568 |
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 7.5   | 0.0   | 13.8   |



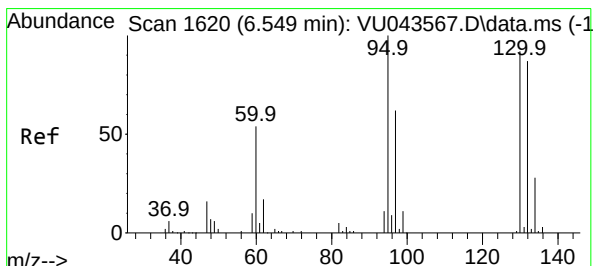
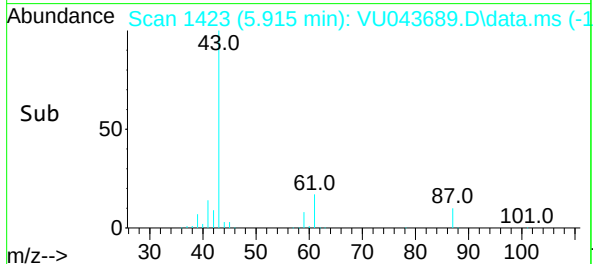
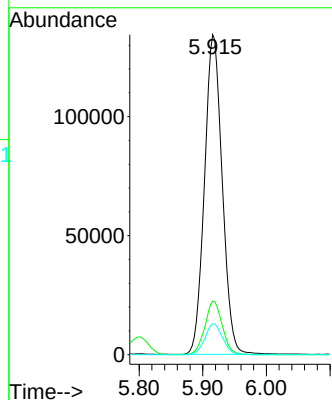
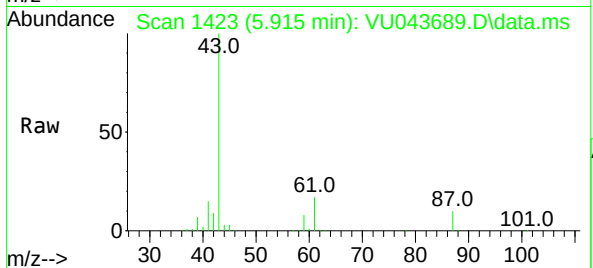


#43

Isopropyl Acetate  
 Concen: 52.88 ug/l  
 RT: 5.915 min Scan# 1423  
 Delta R.T. -0.003 min  
 Lab File: VU043689.D  
 Acq: 12 May 2021 19:43

Instrument :  
 MSVOA\_U  
 ClientSampleId :

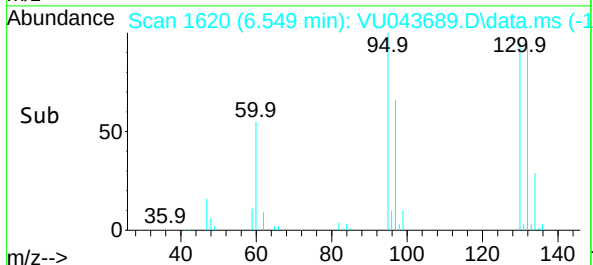
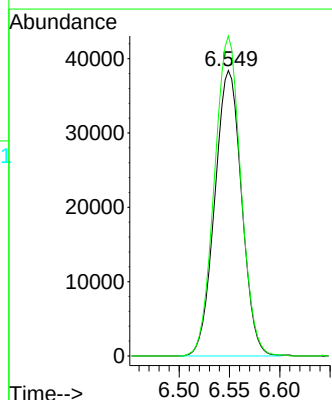
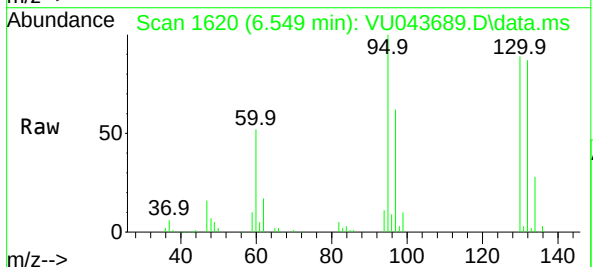
Tgt Ion: 43 Resp: 260349  
 Ion Ratio Lower Upper  
 43 100  
 61 16.5 13.4 20.2  
 87 9.6 8.0 12.0

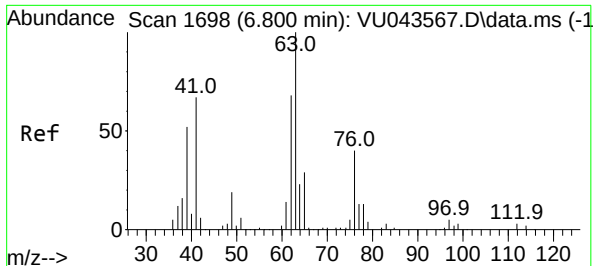


#44

Trichloroethene  
 Concen: 51.10 ug/l  
 RT: 6.549 min Scan# 1620  
 Delta R.T. 0.000 min  
 Lab File: VU043689.D  
 Acq: 12 May 2021 19:43

Tgt Ion:130 Resp: 71300  
 Ion Ratio Lower Upper  
 130 100  
 95 112.1 0.0 218.4



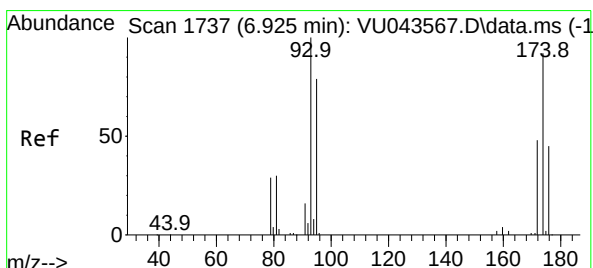
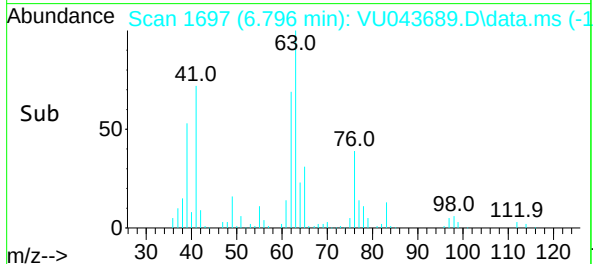
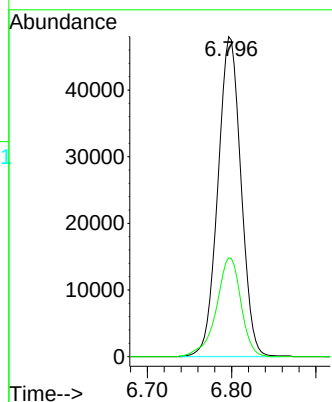
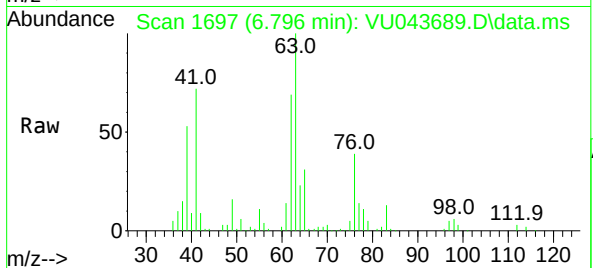


#45

1,2-Dichloropropane  
Concen: 52.13 ug/l  
RT: 6.796 min Scan# 1697  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Instrument :  
MSVOA\_U  
ClientSampled :

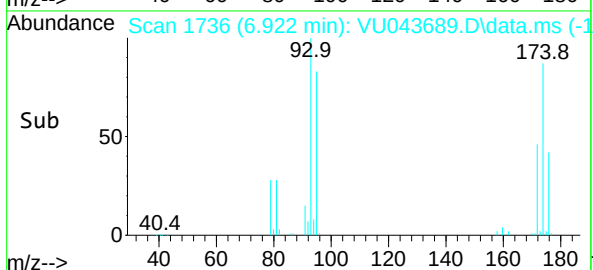
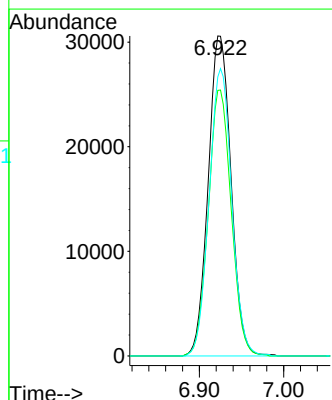
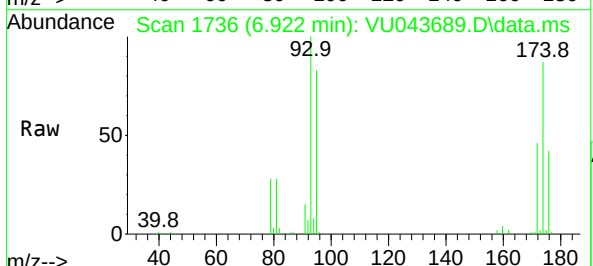
Tgt Ion: 63 Resp: 91275  
Ion Ratio Lower Upper  
63 100  
65 30.9 23.8 35.6

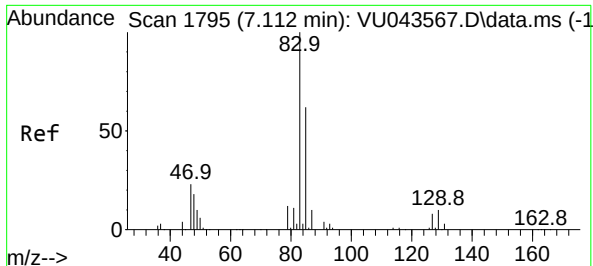


#46

Dibromomethane  
Concen: 52.31 ug/l  
RT: 6.922 min Scan# 1736  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 93 Resp: 57734  
Ion Ratio Lower Upper  
93 100  
95 83.3 64.5 96.7  
174 89.0 73.4 110.0

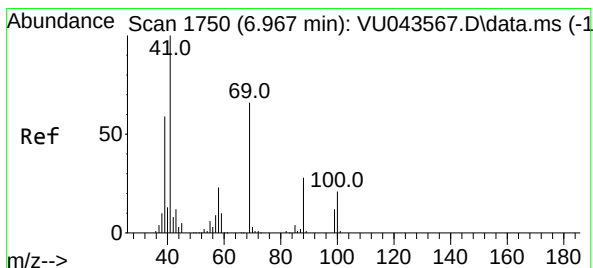
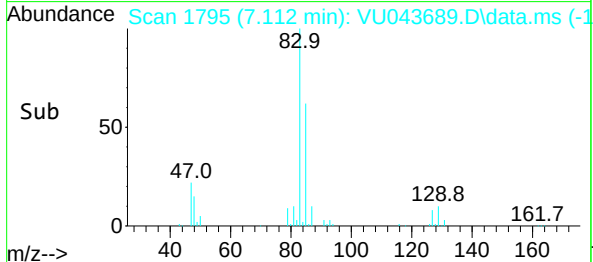
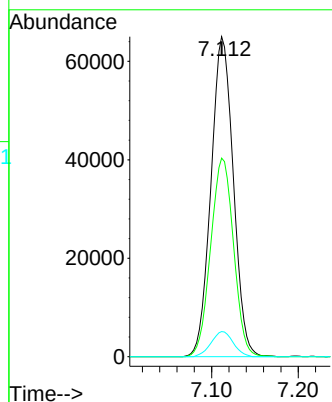
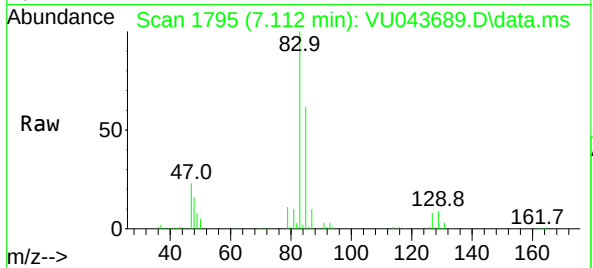




#47  
Bromodichloromethane  
Concen: 52.19 ug/l  
RT: 7.112 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

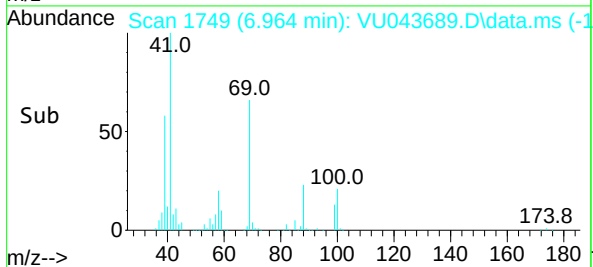
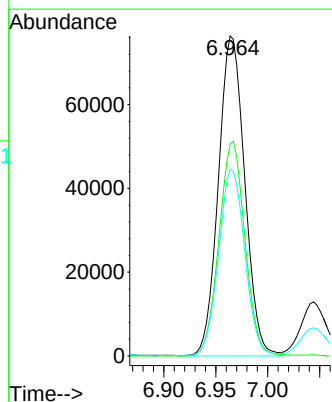
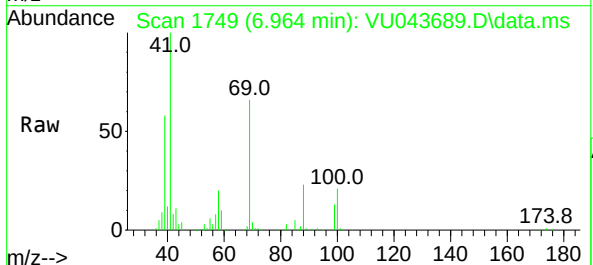
Instrument :  
MSVOA\_U  
ClientSampleId :

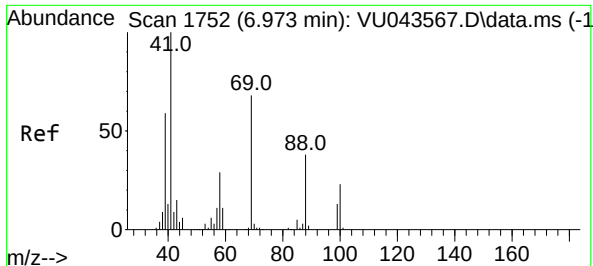
Tgt Ion: 83 Resp: 116615  
Ion Ratio Lower Upper  
83 100  
85 62.1 49.6 74.4  
127 7.8 6.4 9.6



#48  
Methyl methacrylate  
Concen: 54.42 ug/l  
RT: 6.964 min Scan# 1749  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 41 Resp: 134617  
Ion Ratio Lower Upper  
41 100  
69 66.2 52.8 79.2  
39 57.8 47.0 70.6





#49

1,4-Dioxane

Concen: 820.15 ug/l

RT: 6.970 min Scan# 1751

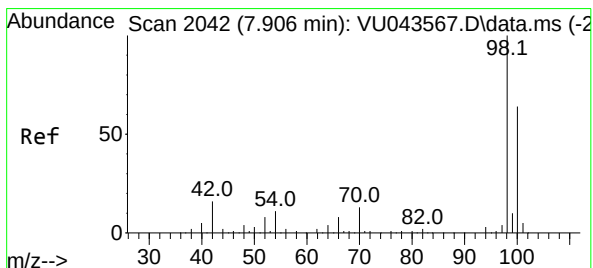
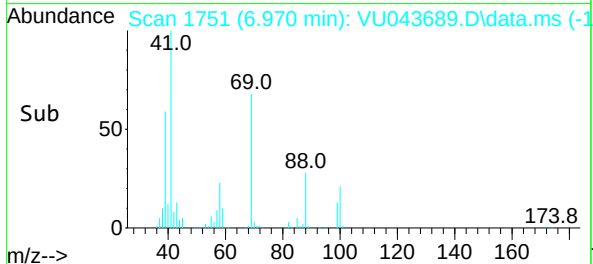
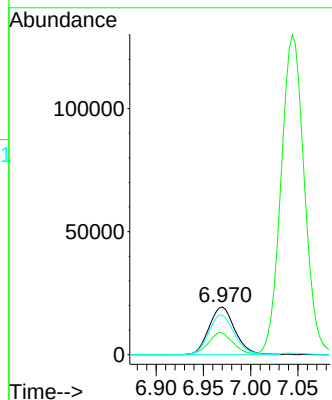
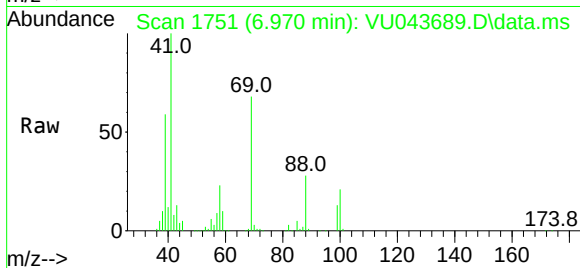
Delta R.T. -0.003 min

Lab File: VU043689.D

Acq: 12 May 2021 19:43

Tgt Ion: 88 Resp: 37030

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 44.6  | 33.6  | 50.4  |
| 58  | 82.5  | 62.7  | 94.1  |



#50

Toluene-d8

Concen: 50.08 ug/l

RT: 7.903 min Scan# 2041

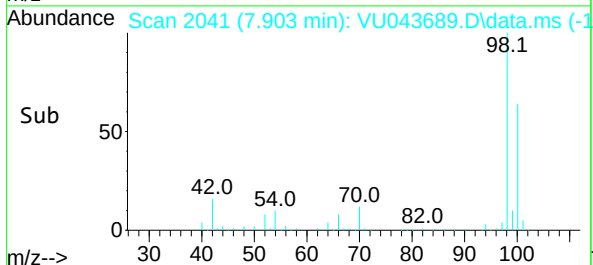
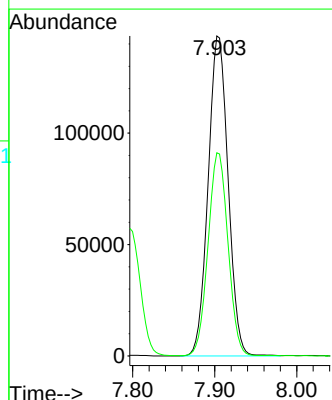
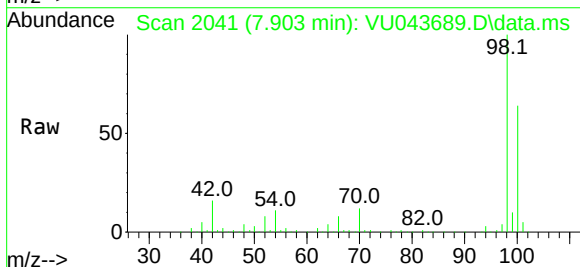
Delta R.T. -0.003 min

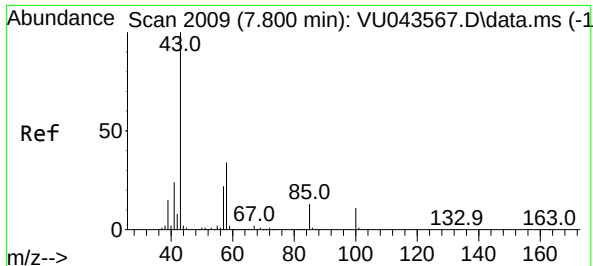
Lab File: VU043689.D

Acq: 12 May 2021 19:43

Tgt Ion: 98 Resp: 242826

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 63.2  | 50.5  | 75.7  |

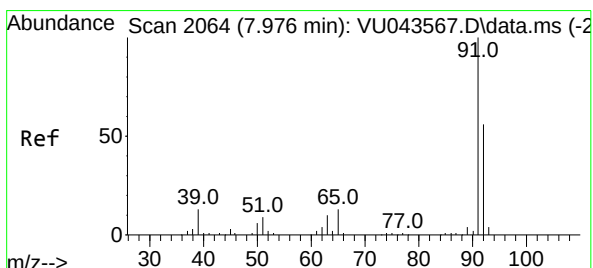
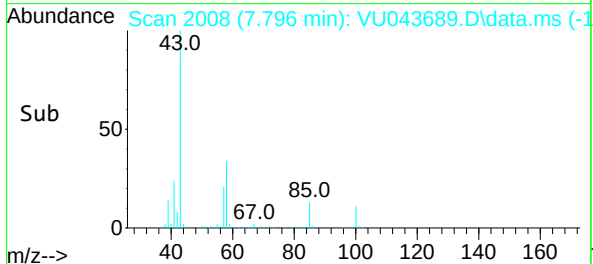
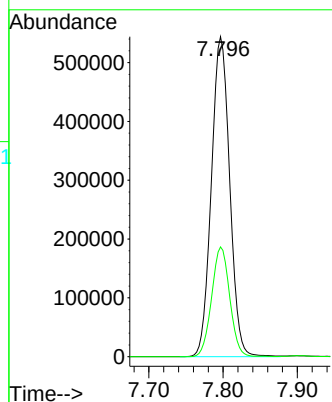
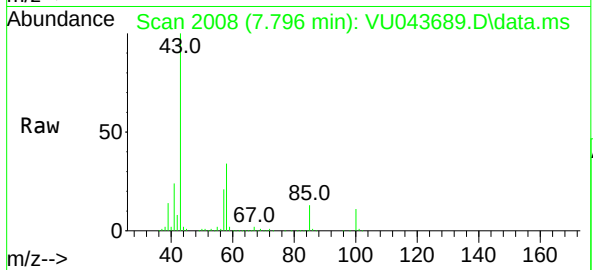




#51  
4-Methyl-2-Pentanone  
Concen: 232.76 ug/l  
RT: 7.796 min Scan# 2008  
Delta R.T. -0.004 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

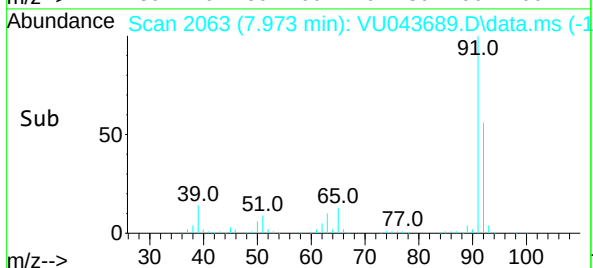
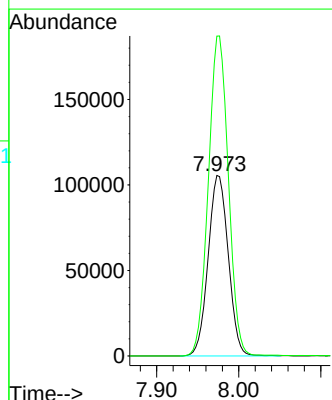
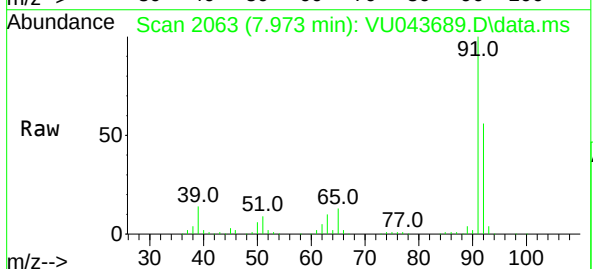
Instrument :  
MSVOA\_U  
ClientSampled :

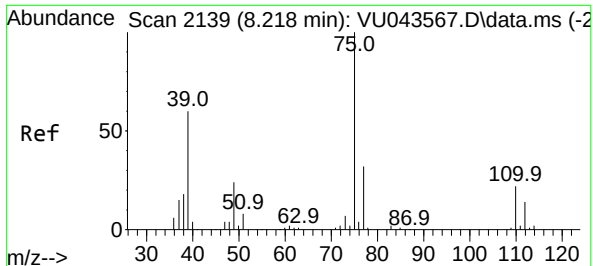
Tgt Ion: 43 Resp: 932518  
Ion Ratio Lower Upper  
43 100  
58 33.9 27.2 40.8



#52  
Toluene  
Concen: 52.41 ug/l  
RT: 7.973 min Scan# 2063  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 92 Resp: 179987  
Ion Ratio Lower Upper  
92 100  
91 176.4 140.9 211.3





#53

t-1,3-Dichloropropene

Concen: 48.95 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. -0.004 min

Lab File: VU043689.D

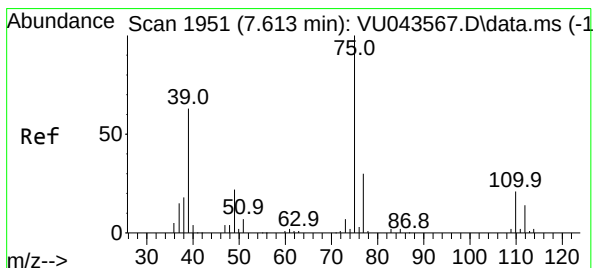
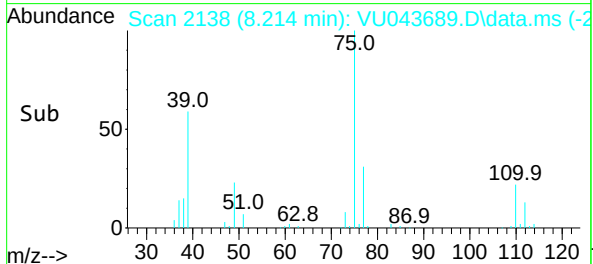
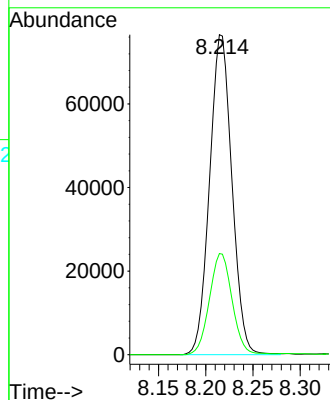
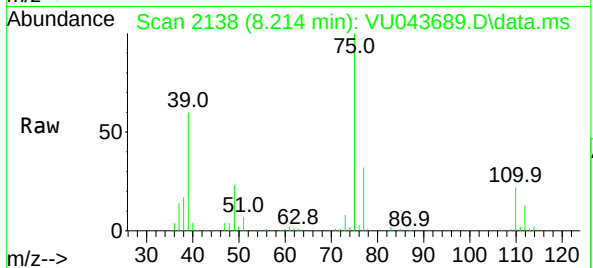
Acq: 12 May 2021 19:43

Tgt Ion: 75 Resp: 125656

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 53.37 ug/l

RT: 7.613 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VU043689.D

Acq: 12 May 2021 19:43

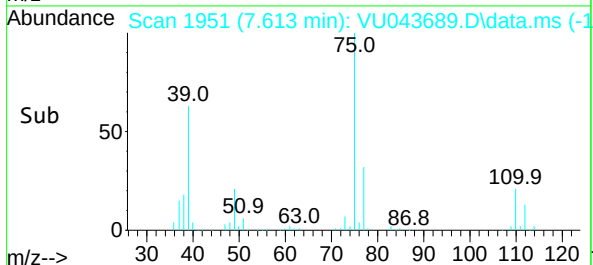
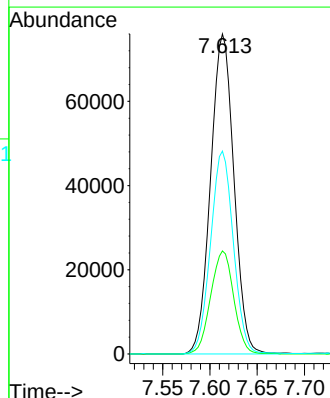
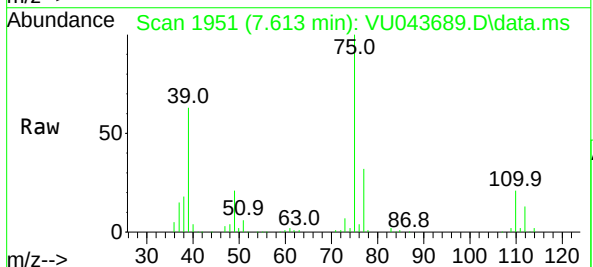
Tgt Ion: 75 Resp: 130369

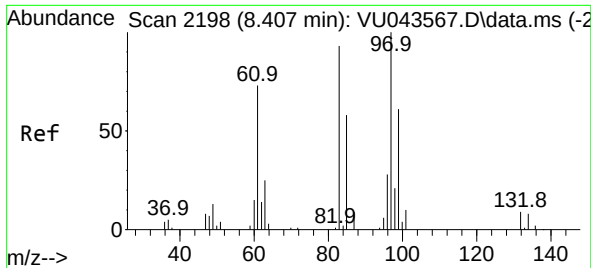
Ion Ratio Lower Upper

75 100

77 32.2 23.9 35.9

39 63.4 50.6 75.8

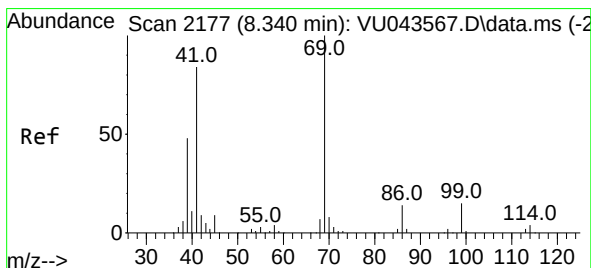
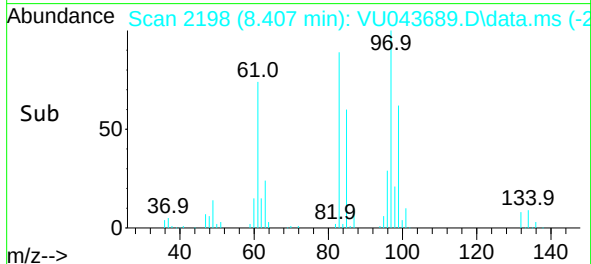
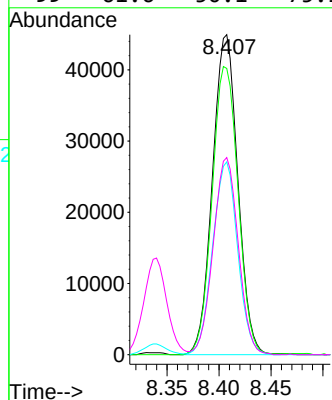
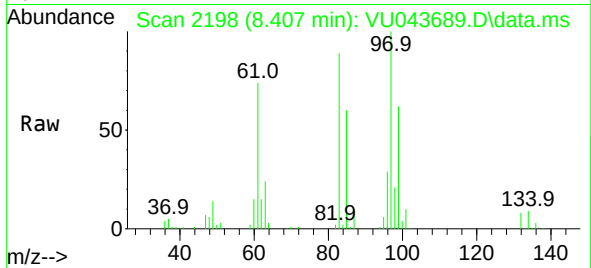




#55  
1,1,2-Trichloroethane  
Concen: 50.93 ug/l  
RT: 8.407 min Scan# 2198  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

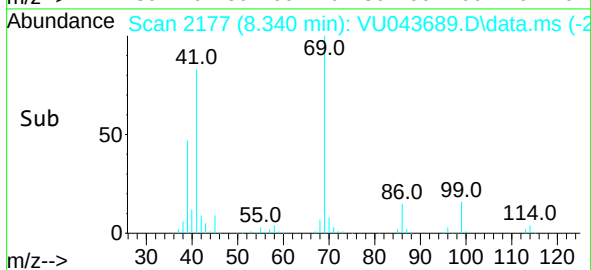
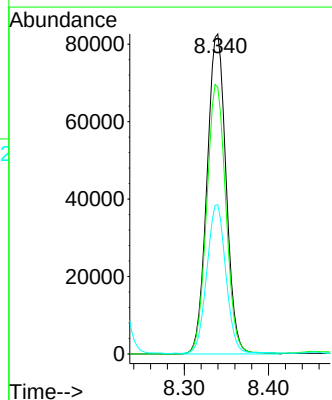
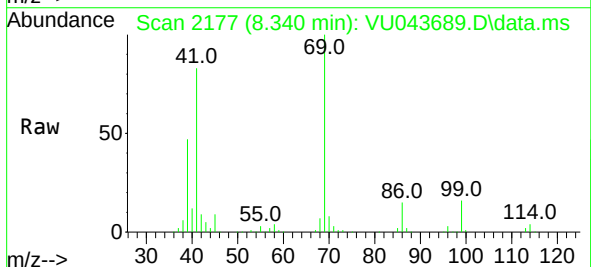
Instrument :  
MSVOA\_U  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 76241 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.4  | 74.4  | 111.6 |
| 85       | 60.3  | 46.6  | 70.0  |
| 99       | 61.6  | 50.1  | 75.1  |

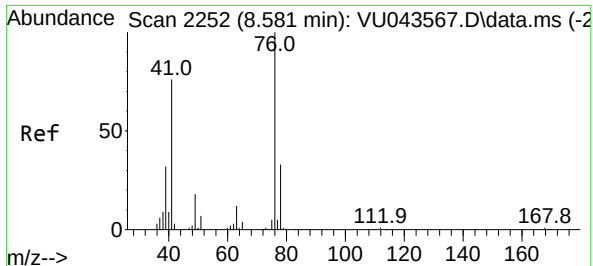


#56  
Ethyl methacrylate  
Concen: 46.49 ug/l  
RT: 8.340 min Scan# 2177  
Delta R.T. -0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 130435 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 84.9  | 66.7  | 100.1  |
| 39       | 46.1  | 37.8  | 56.8   |





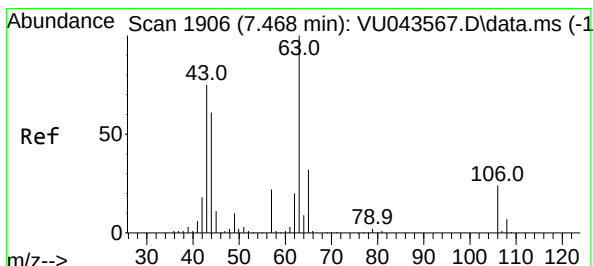
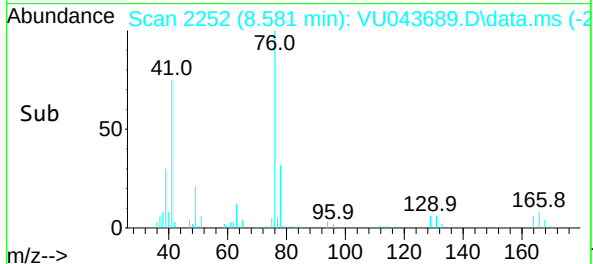
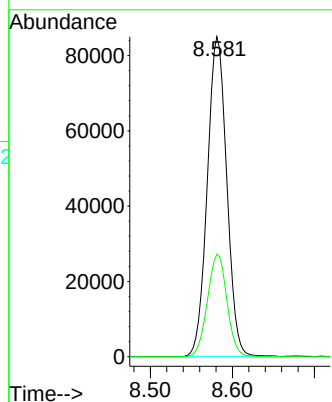
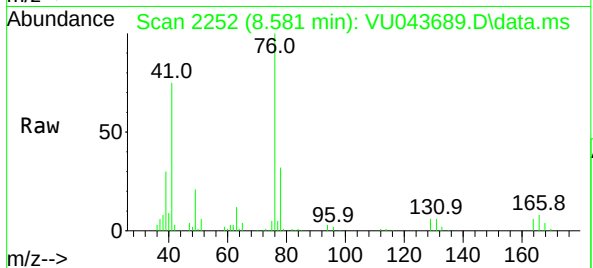


#57

1,3-Dichloropropane  
Concen: 52.80 ug/l  
RT: 8.581 min Scan# 2252  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Instrument :  
MSVOA\_U  
ClientSampled :

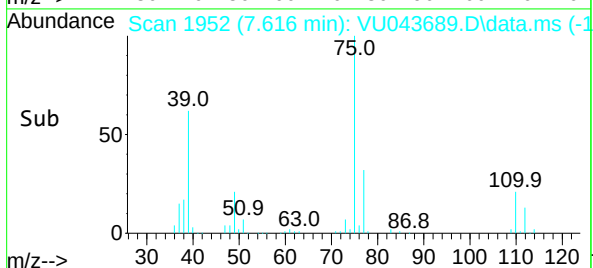
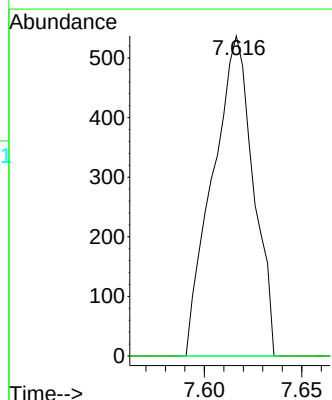
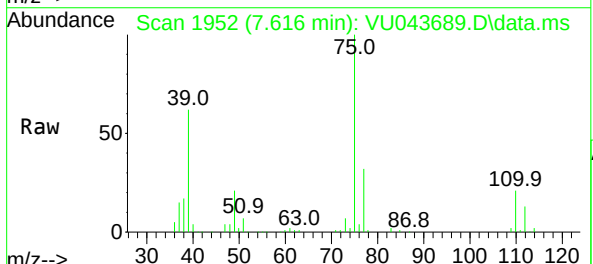
Tgt Ion: 76 Resp: 140582  
Ion Ratio Lower Upper  
76 100  
78 32.1 25.9 38.9

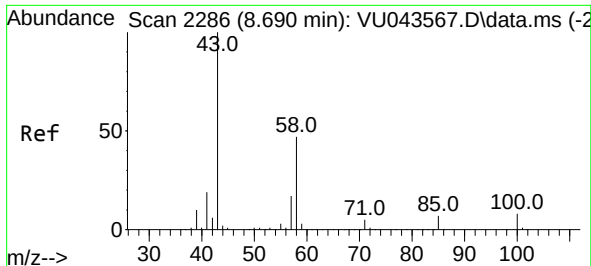


#58

2-Chloroethyl Vinyl ether  
Concen: 23.35 ug/l  
RT: 7.616 min Scan# 1952  
Delta R.T. 0.148 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 63 Resp: 780  
Ion Ratio Lower Upper  
63 100  
106 0.0 18.6 28.0#

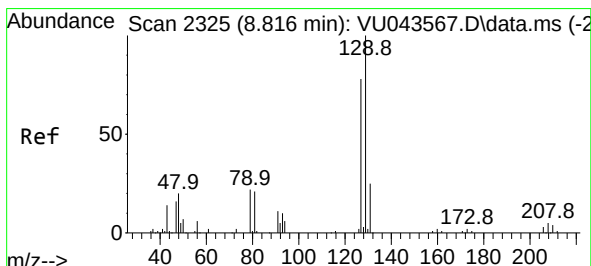
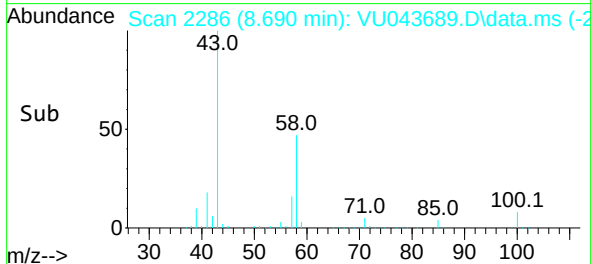
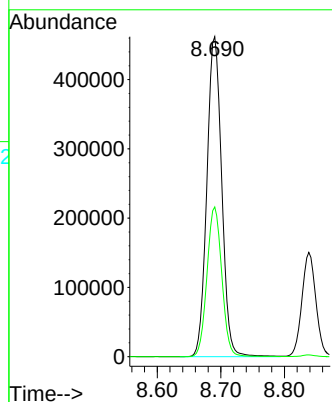
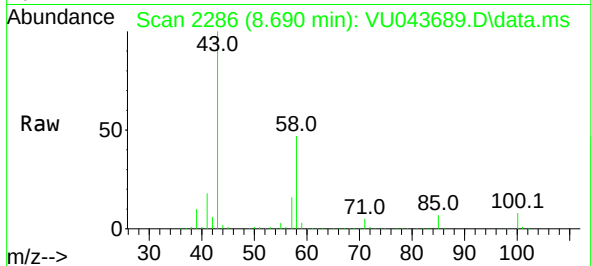




#59  
2-Hexanone  
Concen: 229.81 ug/l  
RT: 8.690 min Scan# 2286  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

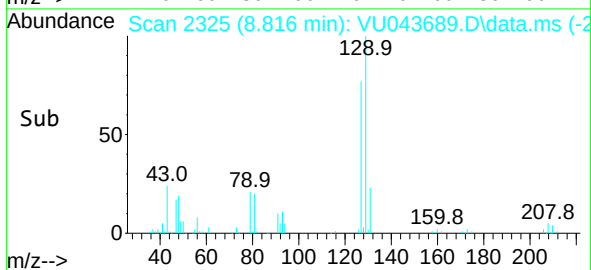
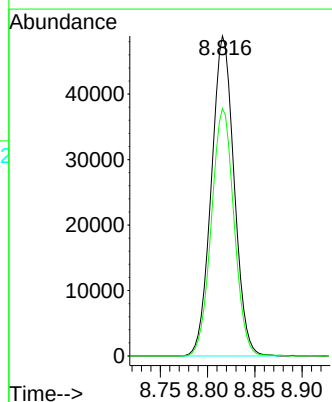
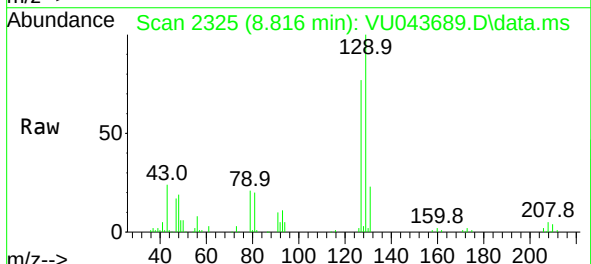
Instrument :  
MSVOA\_U  
ClientSampled :

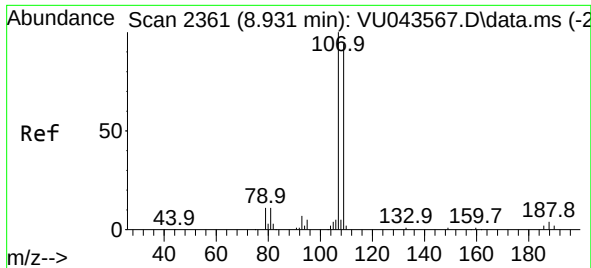
Tgt Ion: 43 Resp: 749056  
Ion Ratio Lower Upper  
43 100  
58 46.7 23.4 70.2



#60  
Dibromochloromethane  
Concen: 51.41 ug/l  
RT: 8.816 min Scan# 2325  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 129 Resp: 81867  
Ion Ratio Lower Upper  
129 100  
127 77.0 39.0 116.9

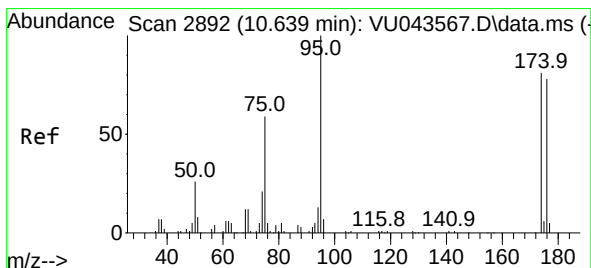
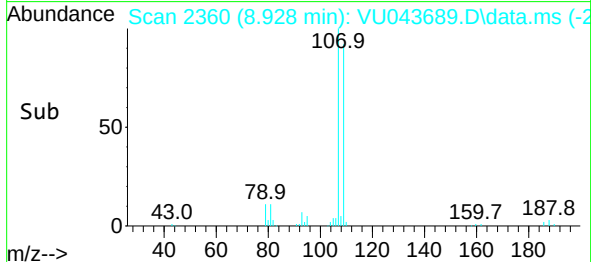
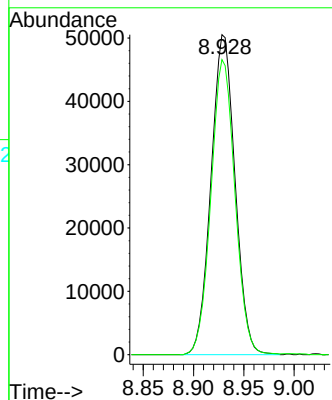
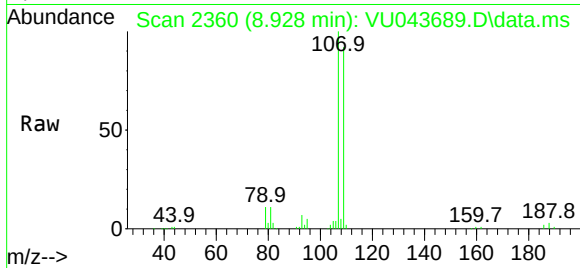




#61  
1,2-Dibromoethane  
Concen: 51.83 ug/l  
RT: 8.928 min Scan# 2360  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

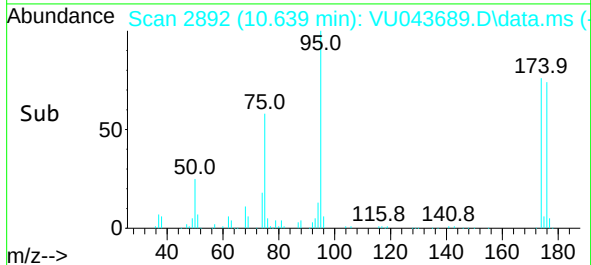
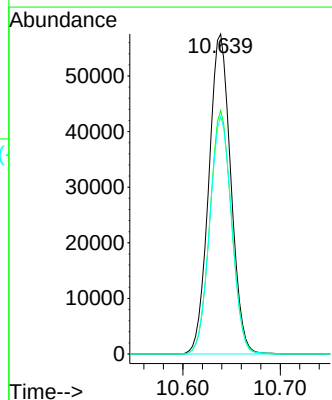
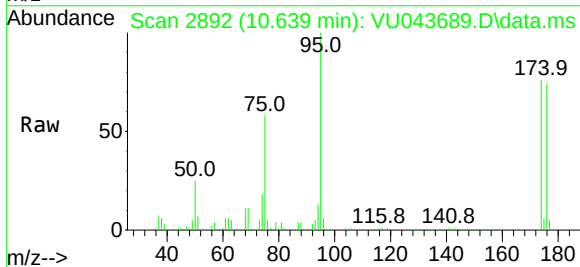
Instrument :  
MSVOA\_U  
ClientSampleId :

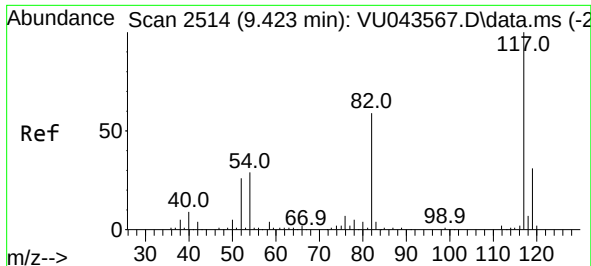
Tgt Ion:107 Resp: 83822  
Ion Ratio Lower Upper  
107 100  
109 92.3 74.4 111.6



#62  
4-Bromofluorobenzene  
Concen: 47.88 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 95 Resp: 90458  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 158.8  
176 73.9 0.0 155.6

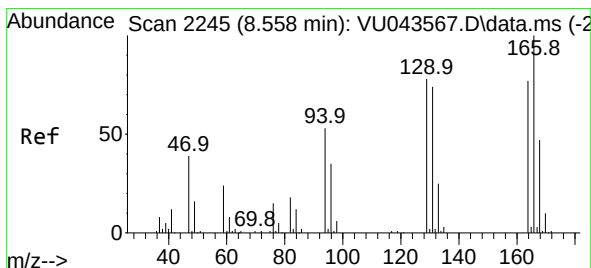
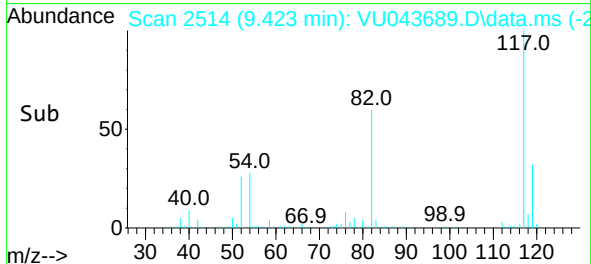
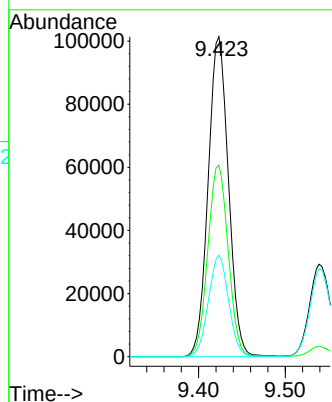
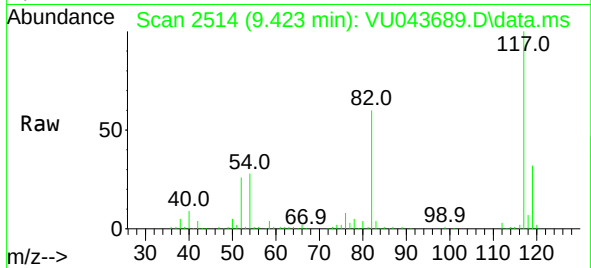




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

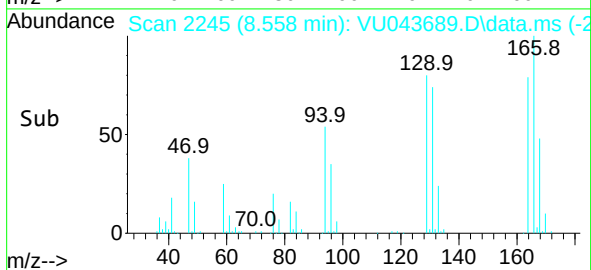
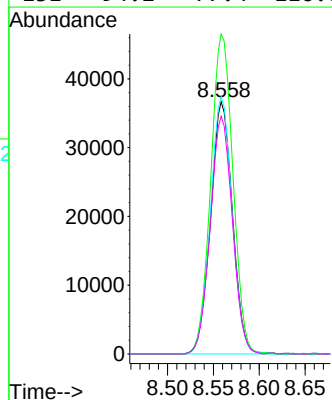
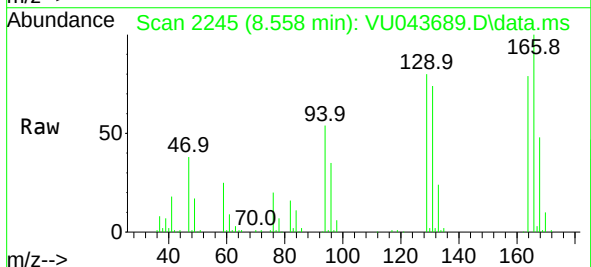
Instrument :  
MSVOA\_U  
ClientSampled :

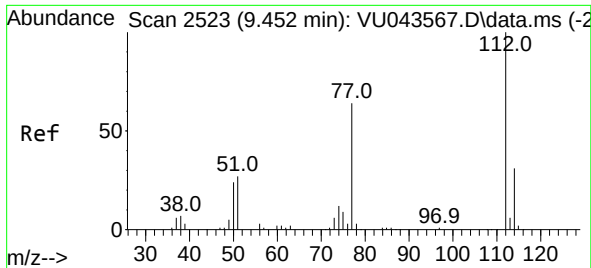
Tgt Ion:117 Resp: 165047  
Ion Ratio Lower Upper  
117 100  
82 59.9 47.5 71.3  
119 31.7 24.7 37.1



#64  
Tetrachloroethene  
Concen: 47.71 ug/l  
RT: 8.558 min Scan# 2245  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion:164 Resp: 60820  
Ion Ratio Lower Upper  
164 100  
166 126.9 104.3 156.5  
129 102.1 81.3 121.9  
131 94.2 77.4 116.0

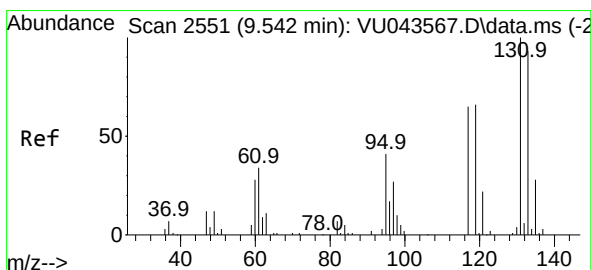
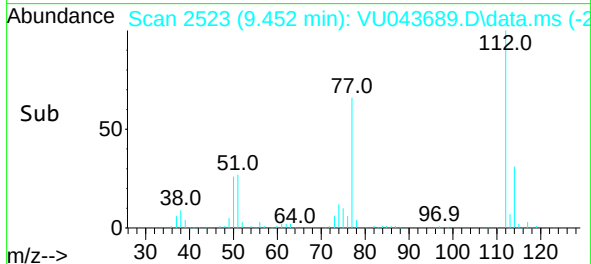
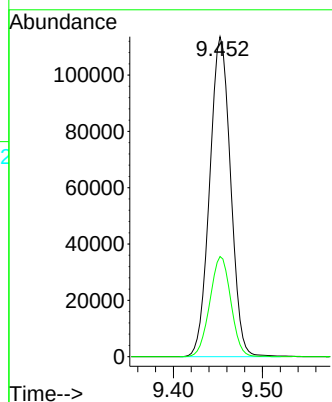
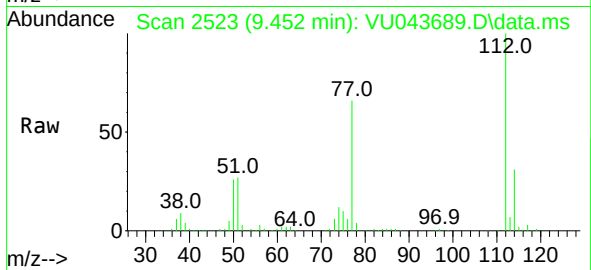




#65  
Chlorobenzene  
Concen: 50.86 ug/l  
RT: 9.452 min Scan# 2523  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

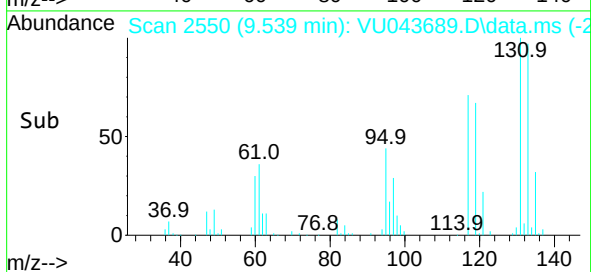
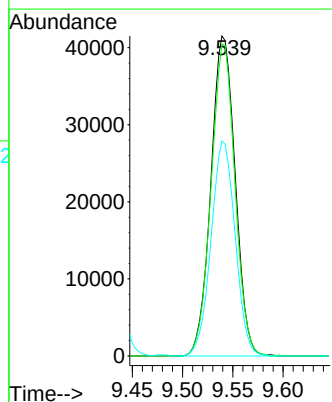
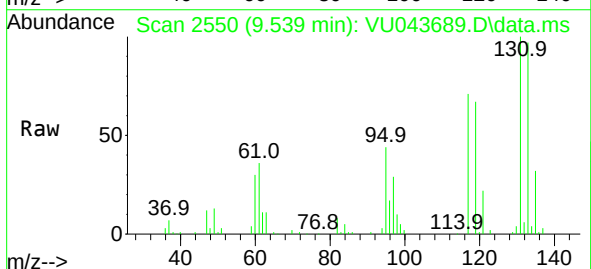
Instrument :  
MSVOA\_U  
ClientSampleId :

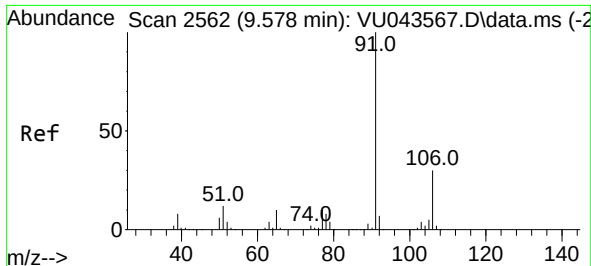
Tgt Ion:112 Resp: 185192  
Ion Ratio Lower Upper  
112 100  
114 31.3 24.6 37.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.74 ug/l  
RT: 9.539 min Scan# 2550  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion:131 Resp: 69688  
Ion Ratio Lower Upper  
131 100  
133 95.7 46.9 140.6  
119 66.7 32.8 98.4





#67

Ethyl Benzene

Concen: 48.31 ug/l

RT: 9.575 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU043689.D

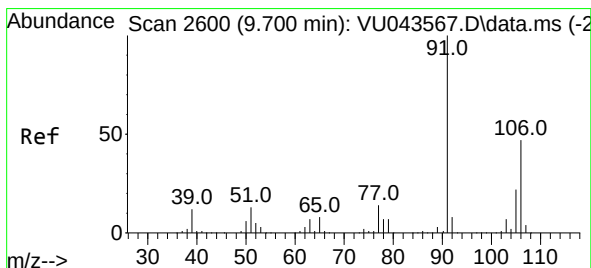
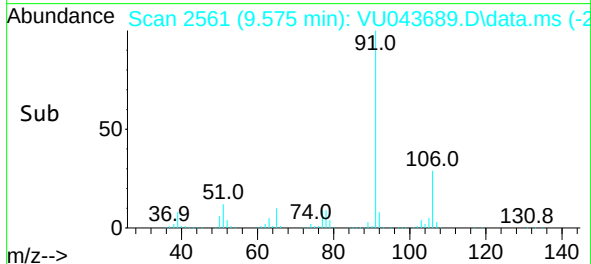
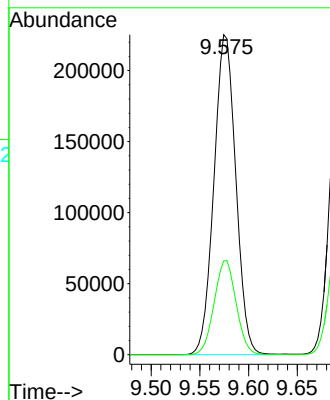
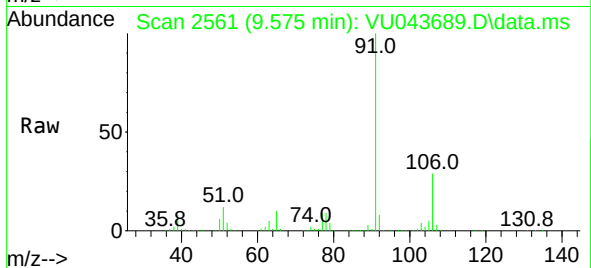
Acq: 12 May 2021 19:43

Tgt Ion: 91 Resp: 351468

Ion Ratio Lower Upper

91 100

106 29.3 24.0 36.0



#68

m/p-Xylenes

Concen: 96.34 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. -0.000 min

Lab File: VU043689.D

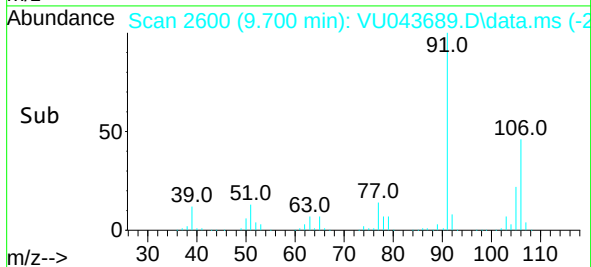
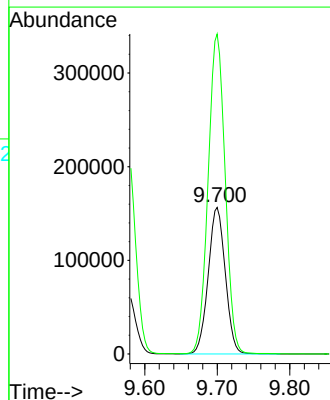
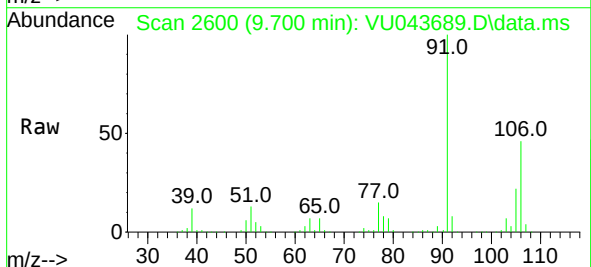
Acq: 12 May 2021 19:43

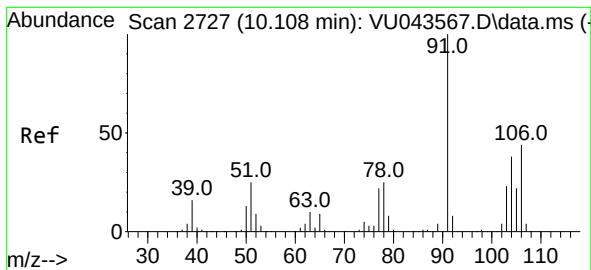
Tgt Ion: 106 Resp: 256231

Ion Ratio Lower Upper

106 100

91 218.3 171.7 257.5

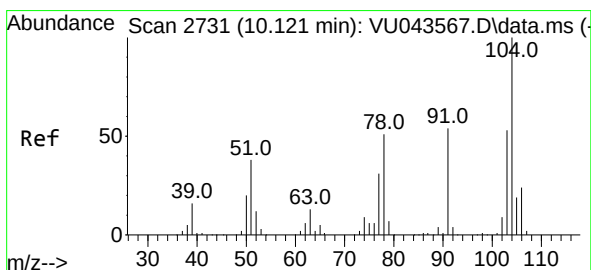
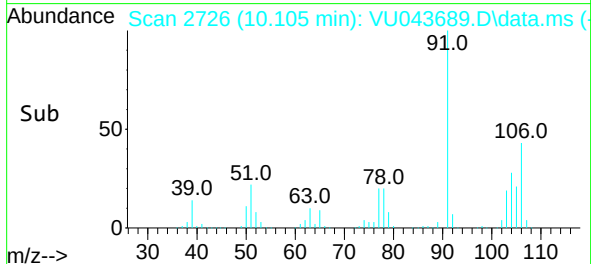
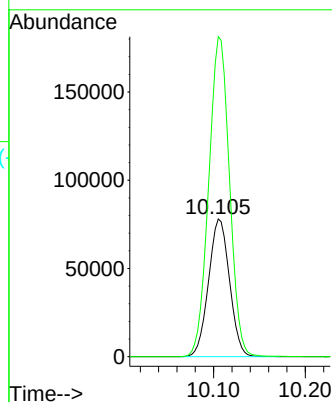
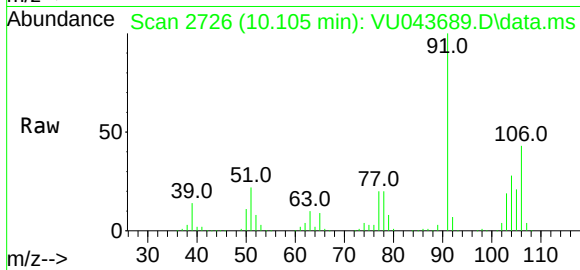




#69  
o-Xylene  
Concen: 47.72 ug/l  
RT: 10.105 min Scan# 2726  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

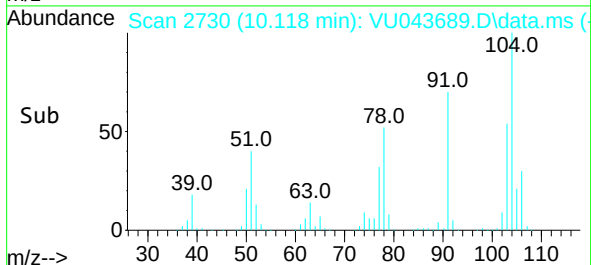
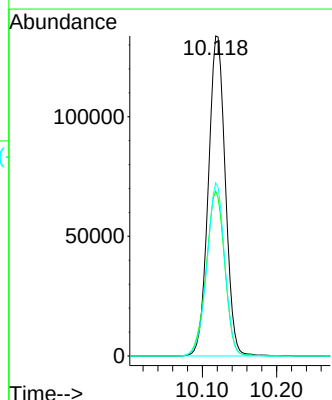
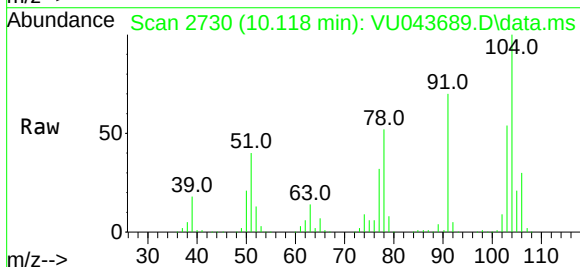
Instrument :  
MSVOA\_U  
ClientSampleId :

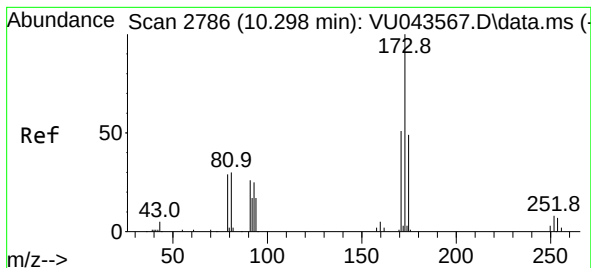
Tgt Ion:106 Resp: 123964  
Ion Ratio Lower Upper  
106 100  
91 230.4 114.5 343.5



#70  
Styrene  
Concen: 46.34 ug/l  
RT: 10.118 min Scan# 2730  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion:104 Resp: 212416  
Ion Ratio Lower Upper  
104 100  
78 56.1 44.6 67.0  
103 56.6 45.1 67.7





#71

Bromoform

Concen: 44.25 ug/l

RT: 10.298 min Scan# 2786

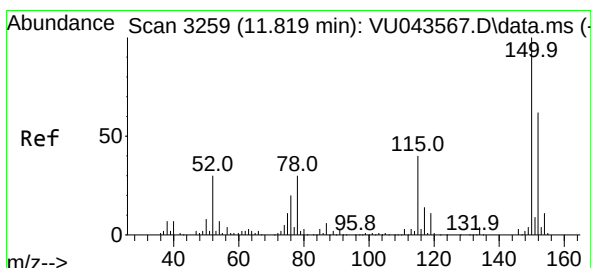
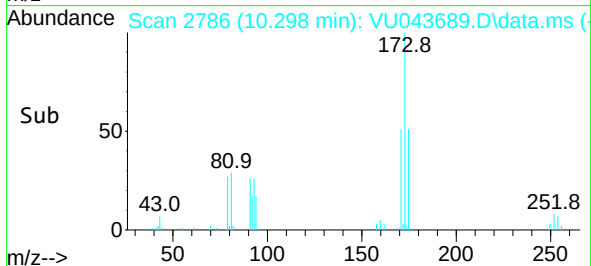
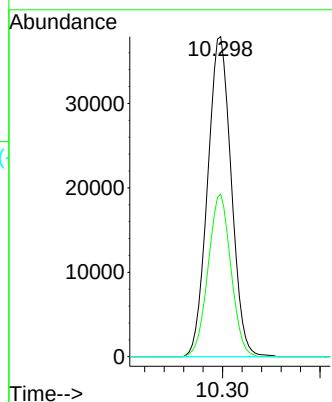
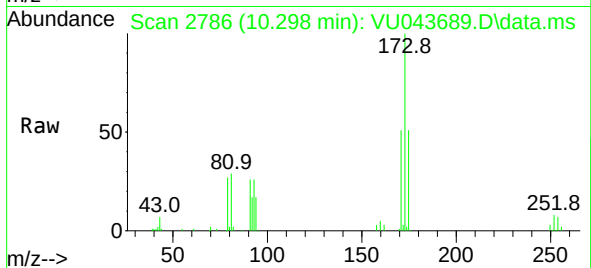
Delta R.T. -0.000 min

Lab File: VU043689.D

Acq: 12 May 2021 19:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 63830 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.9  | 24.3  | 73.0  |
| 254       | 0.0   | 0.0   | 0.0   |

Instrument :  
MSVOA\_U  
ClientSampleId :



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

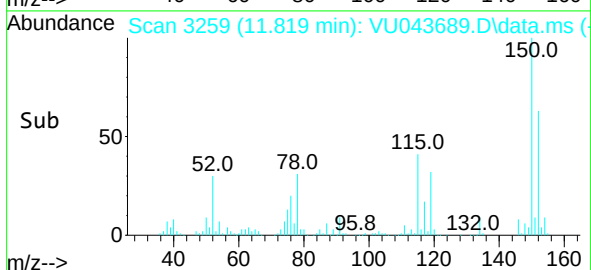
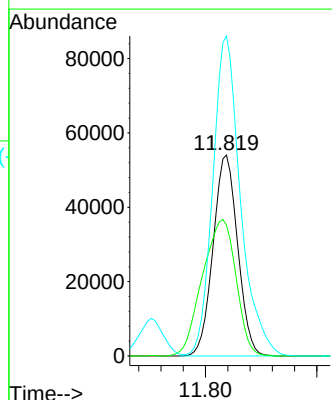
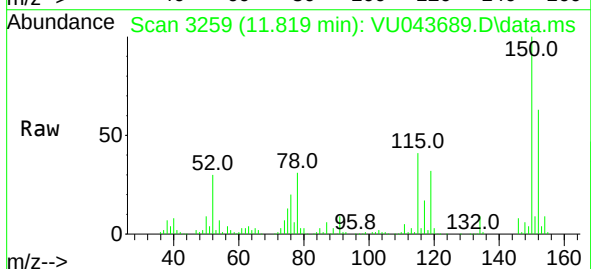
RT: 11.819 min Scan# 3259

Delta R.T. -0.000 min

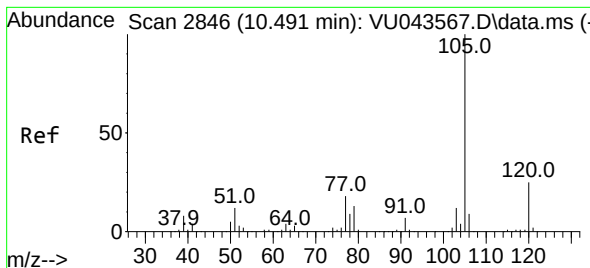
Lab File: VU043689.D

Acq: 12 May 2021 19:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 82868 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 92.5  | 46.1  | 138.3 |
| 150       | 179.3 | 0.0   | 361.0 |







#73

Isopropylbenzene

Concen: 56.29 ug/l

RT: 10.491 min Scan# 2846

Delta R.T. 0.000 min

Lab File: VU043689.D

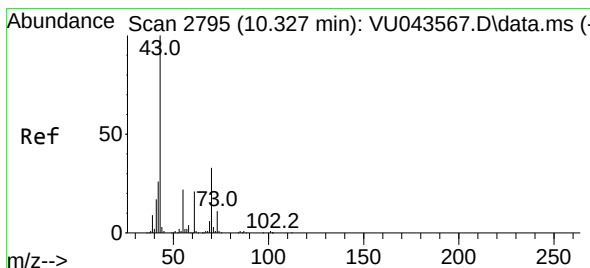
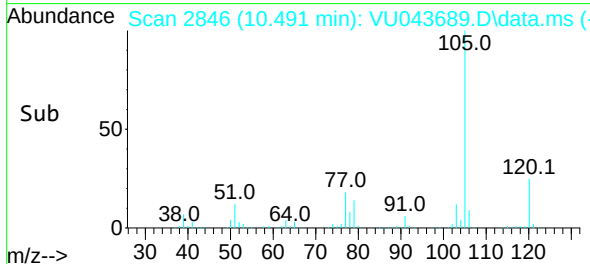
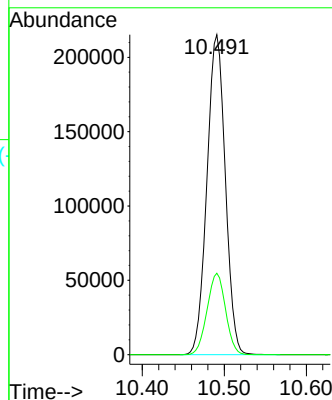
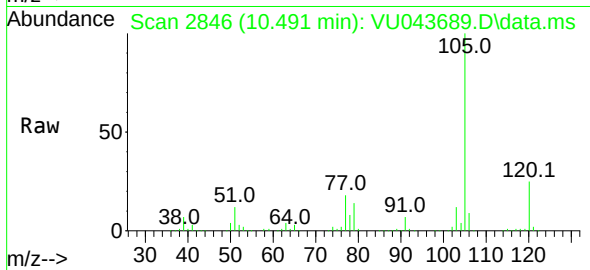
Acq: 12 May 2021 19:43

Tgt Ion:105 Resp: 334353

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.6



#74

N-ethyl acetate

Concen: 49.37 ug/l

RT: 10.324 min Scan# 2794

Delta R.T. -0.003 min

Lab File: VU043689.D

Acq: 12 May 2021 19:43

Tgt Ion: 43 Resp: 217981

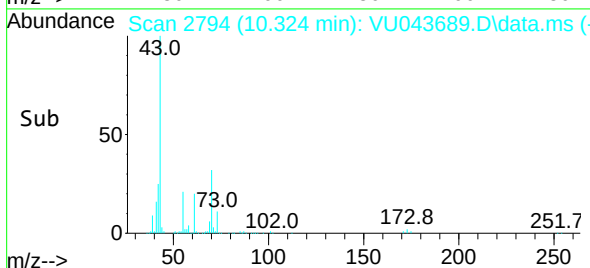
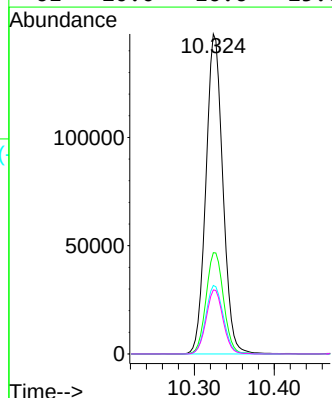
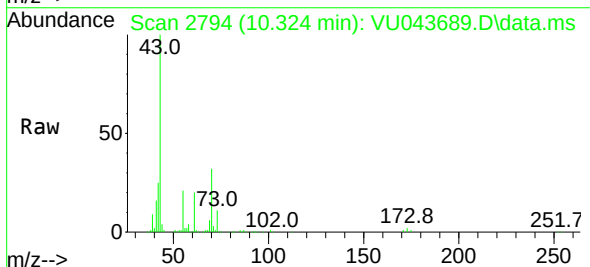
Ion Ratio Lower Upper

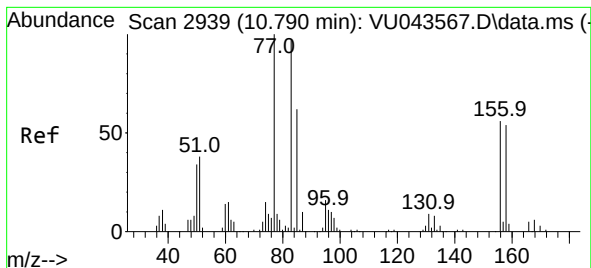
43 100

70 32.7 26.4 39.6

55 22.1 18.0 27.0

61 20.0 16.6 25.0

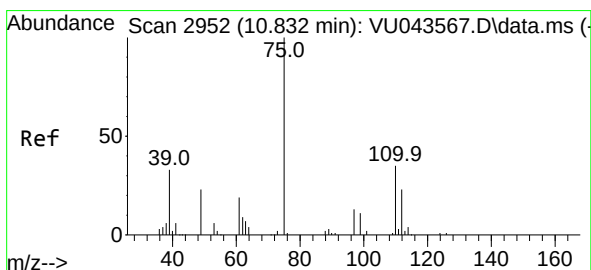
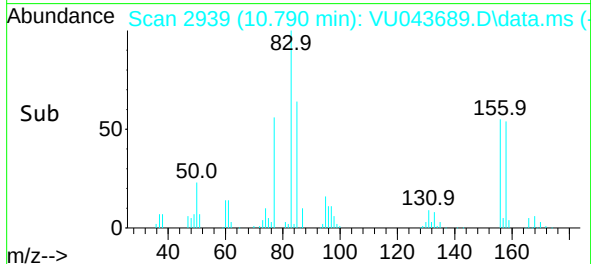
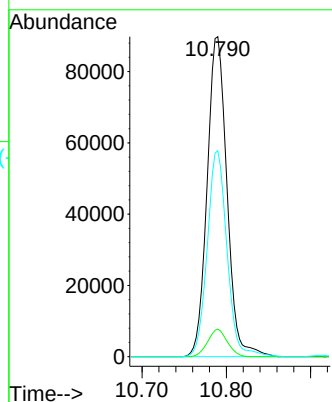
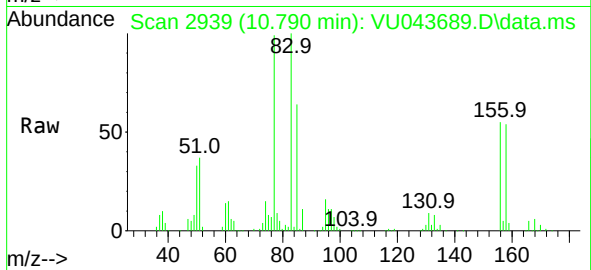




#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.49 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

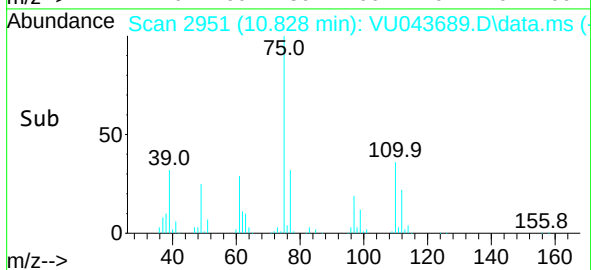
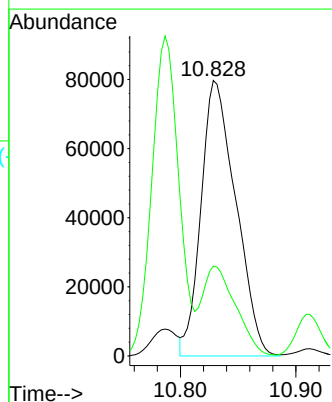
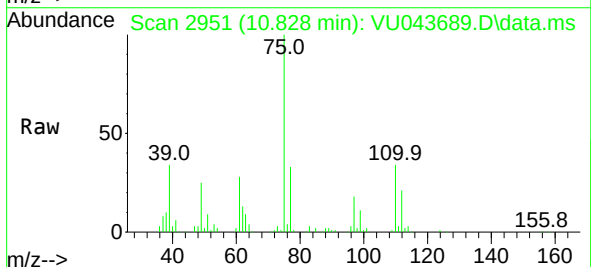
Instrument :  
MSVOA\_U  
ClientSampleId :

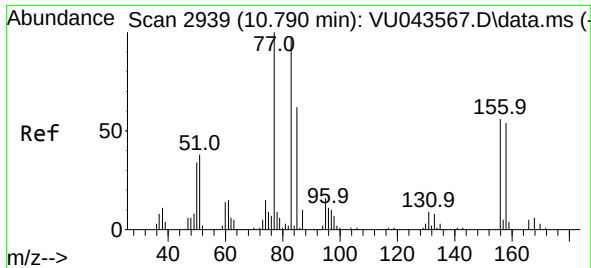
Tgt Ion: 83 Resp: 147089  
Ion Ratio Lower Upper  
83 100  
131 8.5 4.3 13.1  
85 64.1 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 63.29 ug/l  
RT: 10.828 min Scan# 2951  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 75 Resp: 166755  
Ion Ratio Lower Upper  
75 100  
77 31.3 17.1 51.3

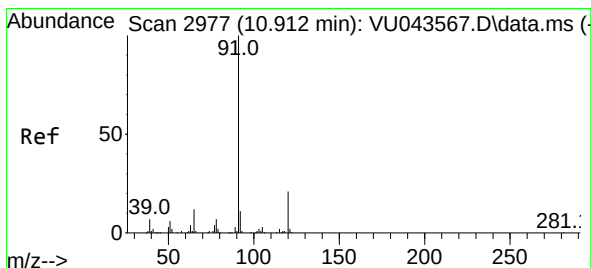
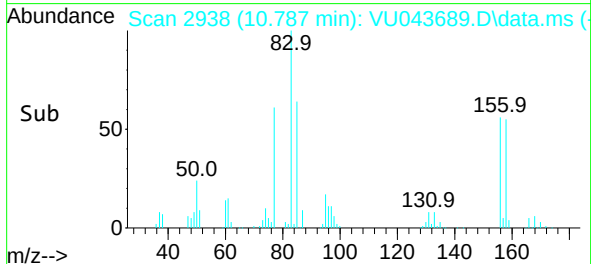
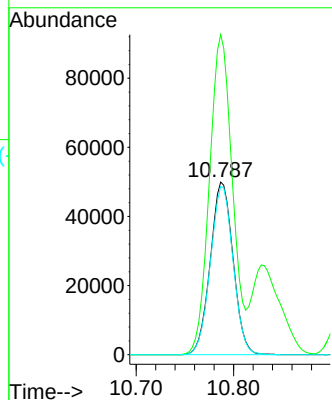
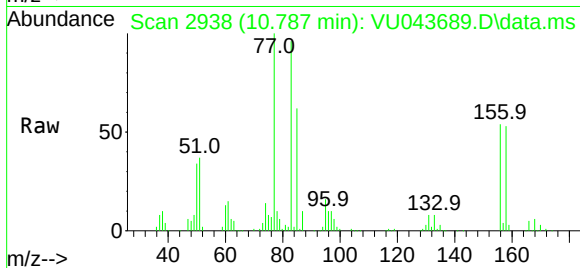




#77  
Bromobenzene  
Concen: 53.07 ug/l  
RT: 10.787 min Scan# 2938  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

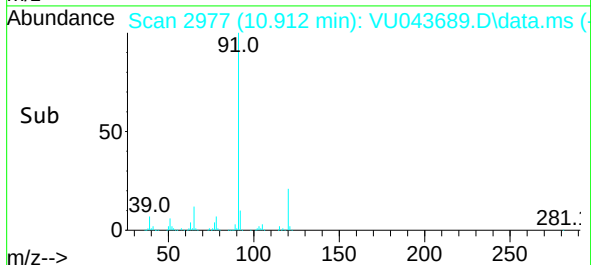
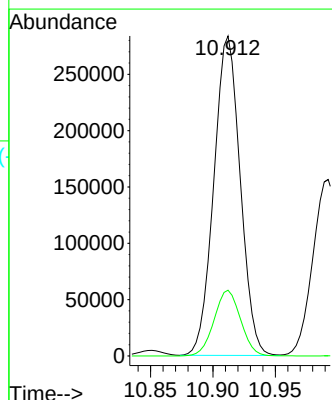
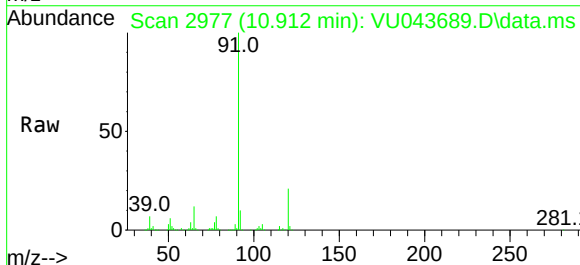
Instrument :  
MSVOA\_U  
ClientSampleId :

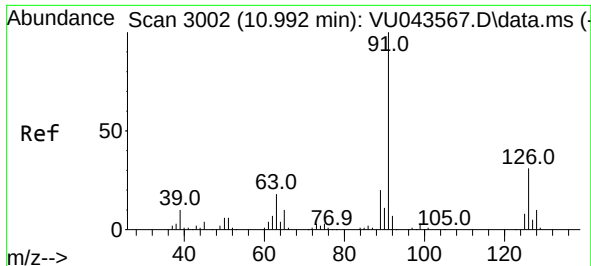
Tgt Ion:156 Resp: 81137  
Ion Ratio Lower Upper  
156 100  
77 186.2 91.5 274.4  
158 97.2 48.9 146.6



#78  
n-propylbenzene  
Concen: 57.58 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 91 Resp: 418201  
Ion Ratio Lower Upper  
91 100  
120 20.7 10.4 31.2

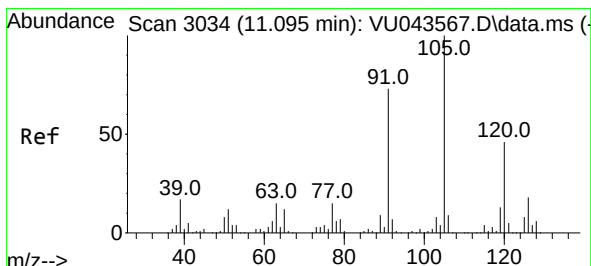
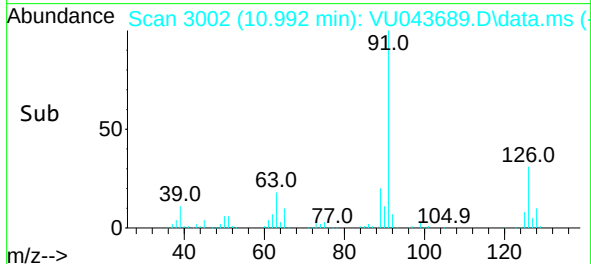
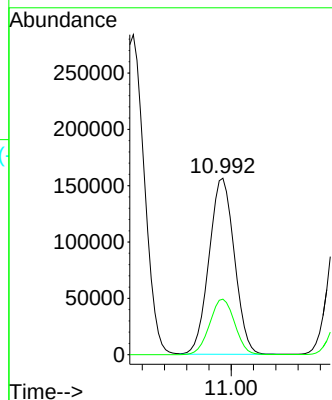
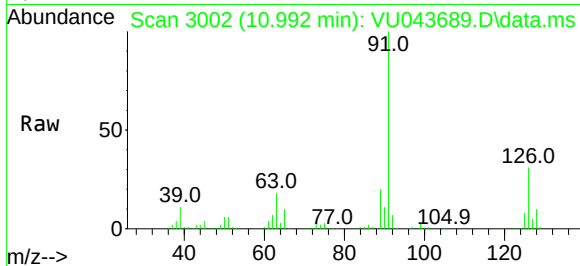




#79  
2-Chlorotoluene  
Concen: 54.89 ug/l  
RT: 10.992 min Scan# 3002  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

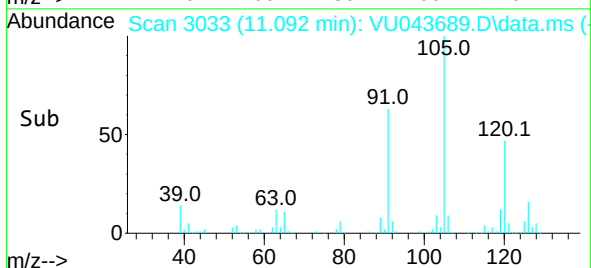
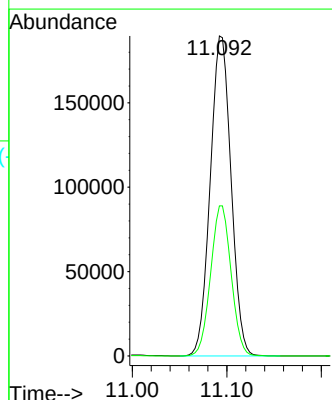
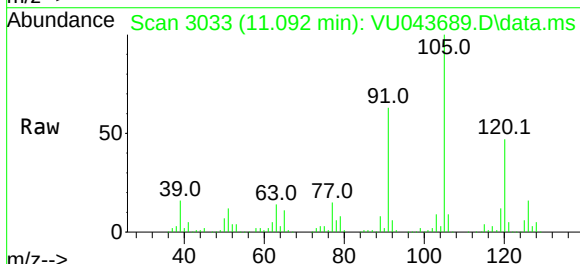
Instrument :  
MSVOA\_U  
ClientSampled :

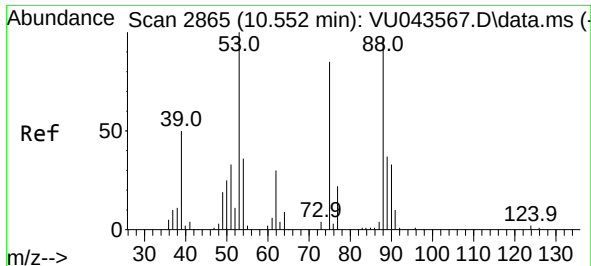
Tgt Ion: 91 Resp: 247148  
Ion Ratio Lower Upper  
91 100  
126 31.3 15.8 47.3



#80  
1,3,5-Trimethylbenzene  
Concen: 51.67 ug/l  
RT: 11.092 min Scan# 3033  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 105 Resp: 289496  
Ion Ratio Lower Upper  
105 100  
120 46.2 22.9 68.7

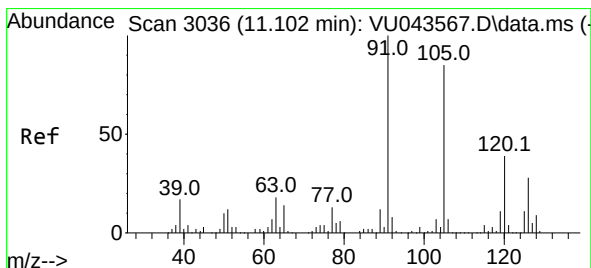
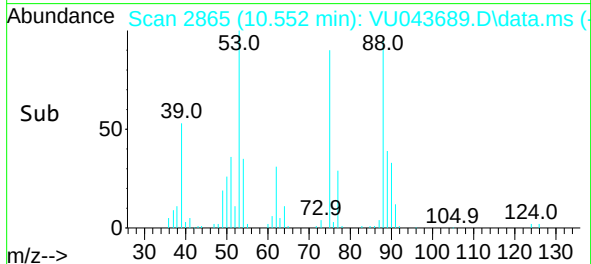
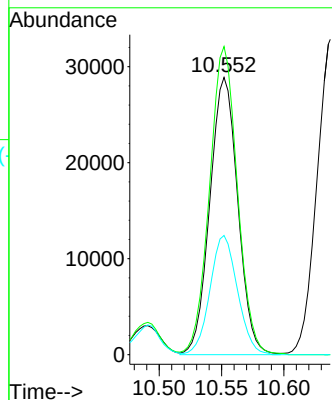
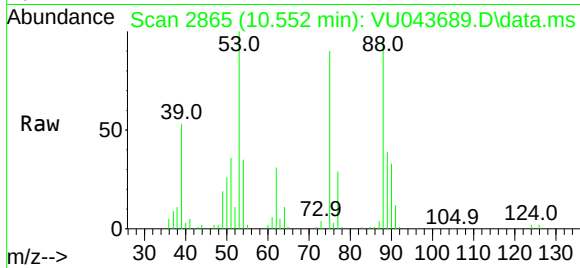




#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.74 ug/l  
RT: 10.552 min Scan# 2865  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

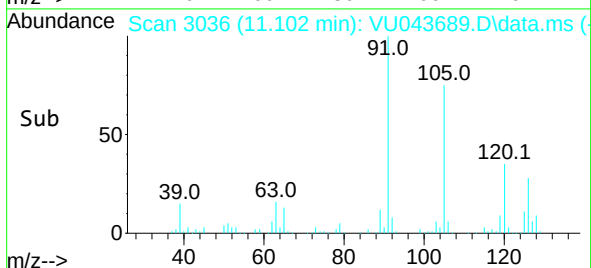
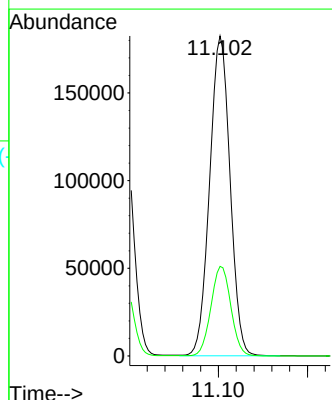
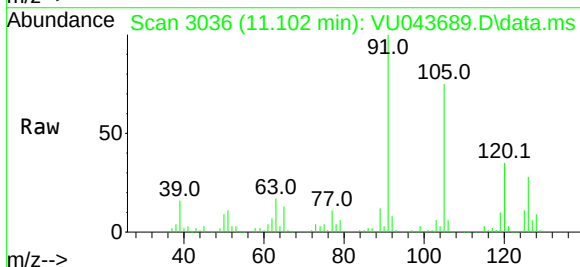
Instrument :  
MSVOA\_U  
ClientSampleId :

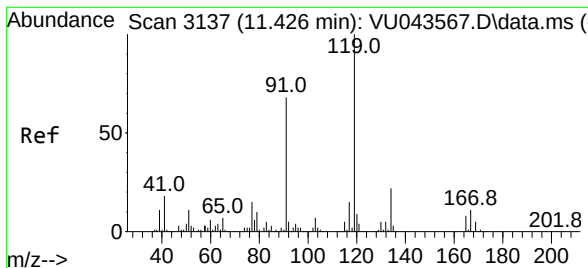
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 110.6 | 95.8  | 143.8 |
| 89      | 42.3  | 36.1  | 54.1  |



#82  
4-Chlorotoluene  
Concen: 56.33 ug/l  
RT: 11.102 min Scan# 3036  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 27.4  | 13.7  | 41.0  |

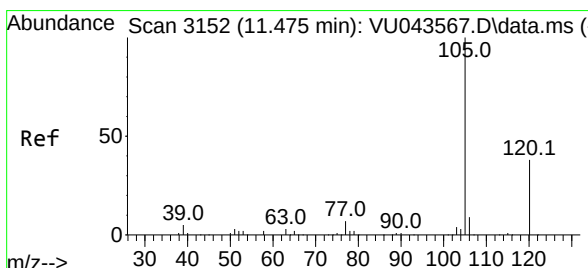
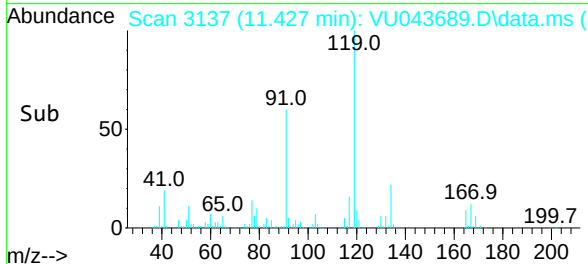
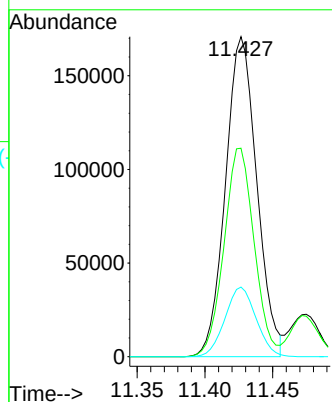
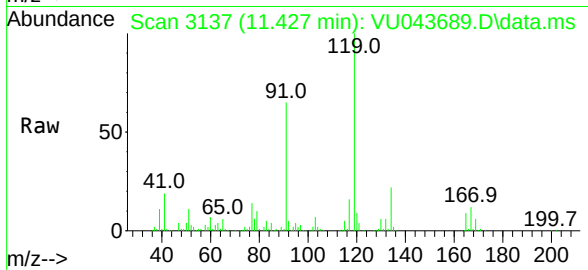




#83  
tert-Butylbenzene  
Concen: 55.54 ug/l  
RT: 11.427 min Scan# 3137  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

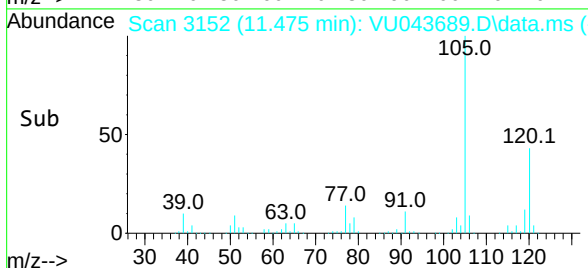
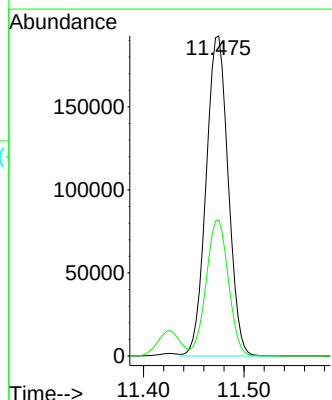
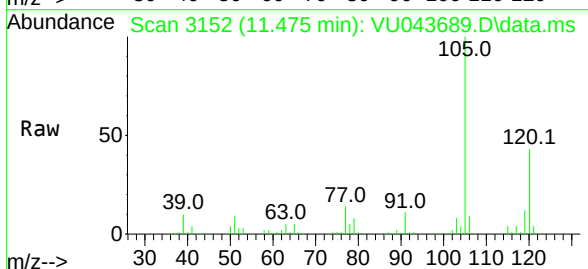
Instrument :  
MSVOA\_U  
ClientSampleId :

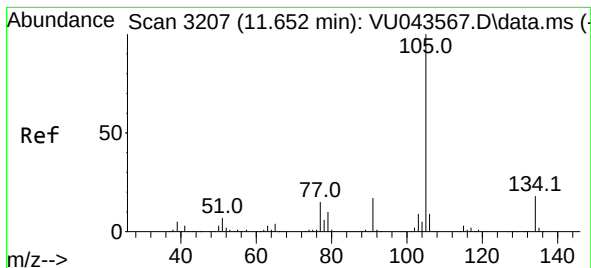
Tgt Ion:119 Resp: 274318  
Ion Ratio Lower Upper  
119 100  
91 63.0 32.0 96.0  
134 21.6 10.9 32.9



#84  
1,2,4-Trimethylbenzene  
Concen: 51.93 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion:105 Resp: 294533  
Ion Ratio Lower Upper  
105 100  
120 42.6 21.4 64.2

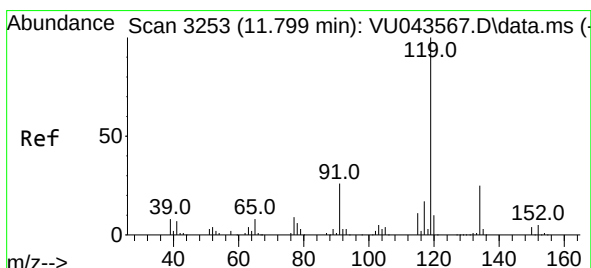
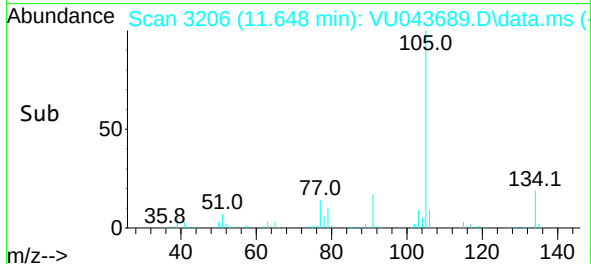
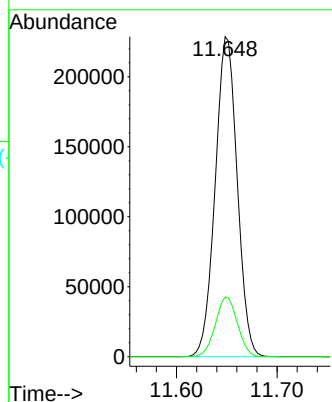
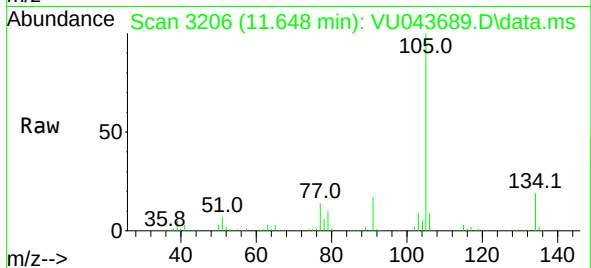




#85  
 sec-Butylbenzene  
 Concen: 51.49 ug/l  
 RT: 11.648 min Scan# 3206  
 Delta R.T. -0.004 min  
 Lab File: VU043689.D  
 Acq: 12 May 2021 19:43

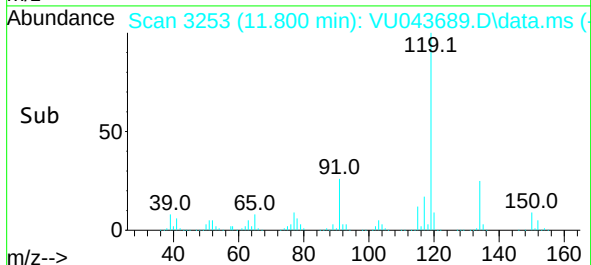
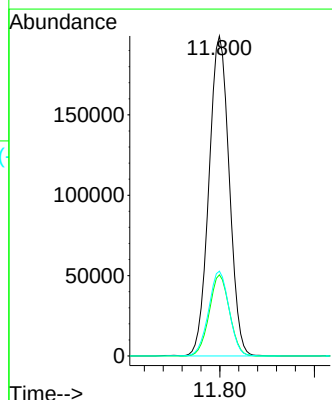
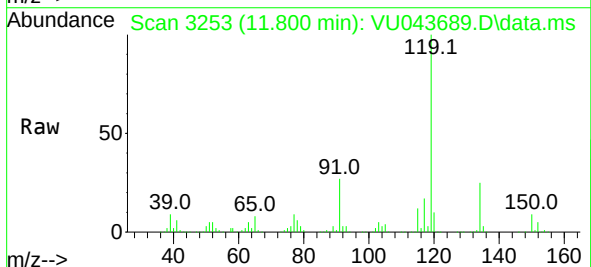
Instrument :  
 MSVOA\_U  
 ClientSampled :

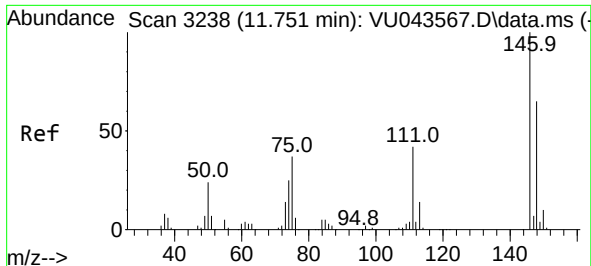
Tgt Ion:105 Resp: 347351  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 9.2 27.6



#86  
 p-Isopropyltoluene  
 Concen: 51.06 ug/l  
 RT: 11.800 min Scan# 3253  
 Delta R.T. 0.001 min  
 Lab File: VU043689.D  
 Acq: 12 May 2021 19:43

Tgt Ion:119 Resp: 296338  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 12.7 38.0  
 91 26.8 13.3 39.9

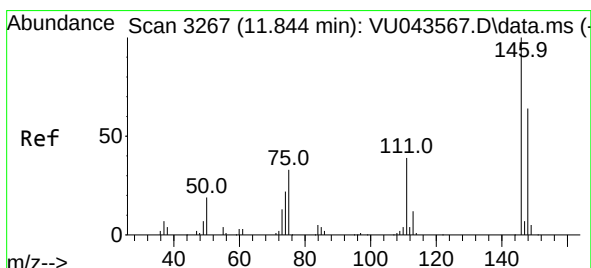
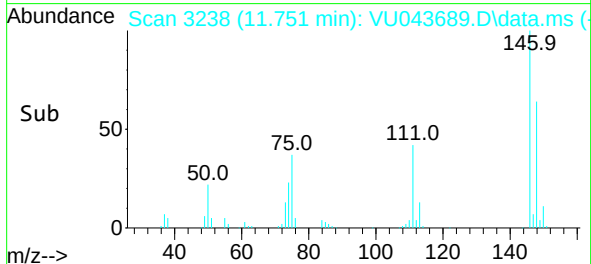
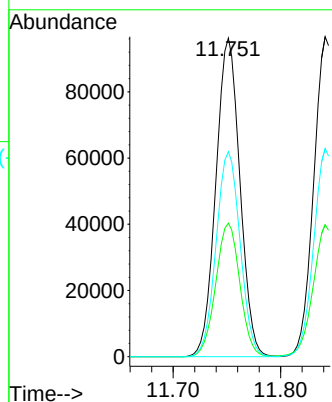
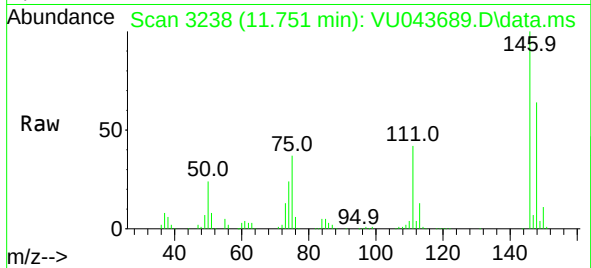




#87  
1,3-Dichlorobenzene  
Concen: 51.59 ug/l  
RT: 11.751 min Scan# 3238  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

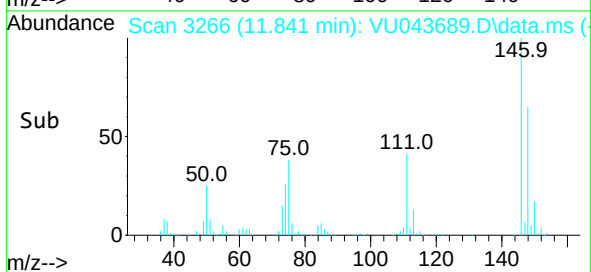
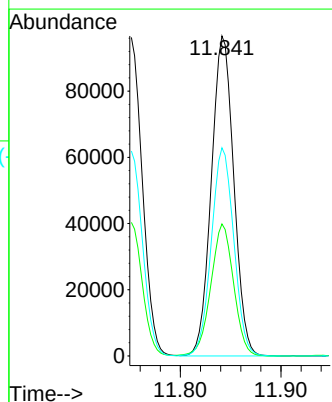
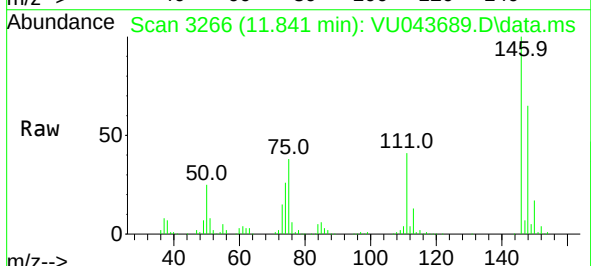
Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion:146 Resp: 149225  
Ion Ratio Lower Upper  
146 100  
111 42.1 20.9 62.7  
148 64.4 32.6 97.7

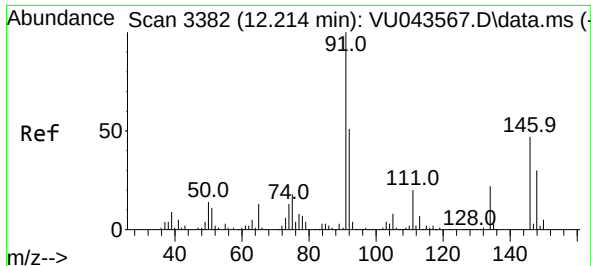


#88  
1,4-Dichlorobenzene  
Concen: 49.94 ug/l  
RT: 11.841 min Scan# 3266  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion:146 Resp: 149819  
Ion Ratio Lower Upper  
146 100  
111 41.9 20.2 60.6  
148 65.4 31.7 95.1



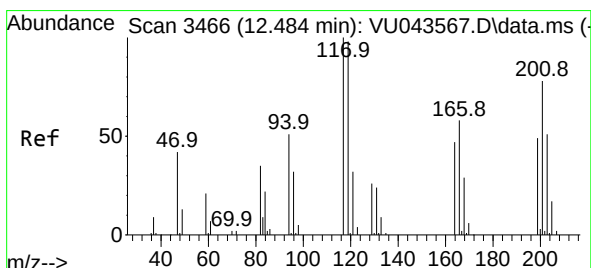
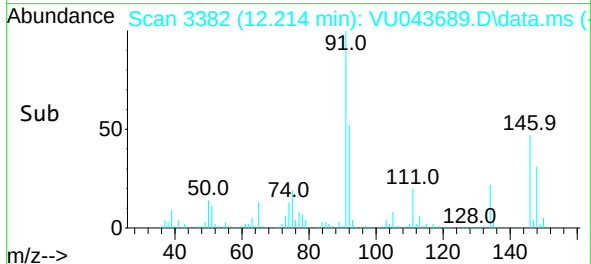
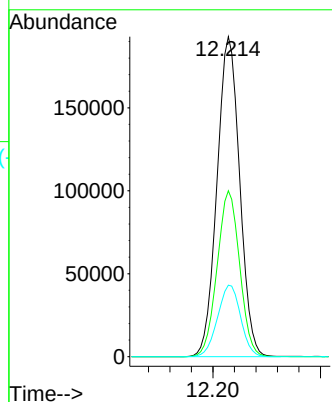
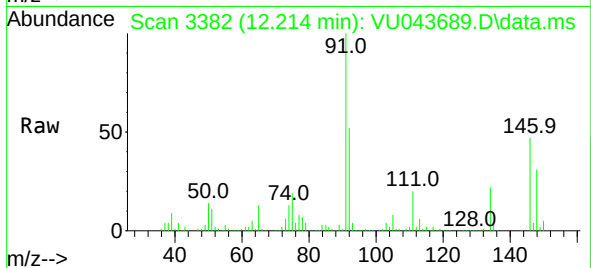




#89  
n-Butylbenzene  
Concen: 49.51 ug/l  
RT: 12.214 min Scan# 3382  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

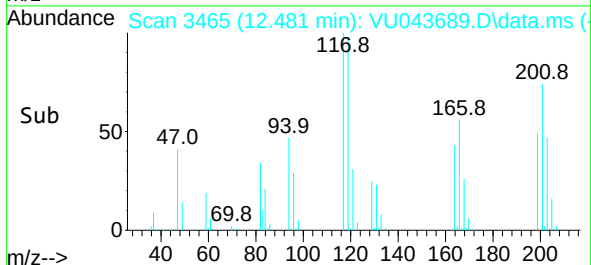
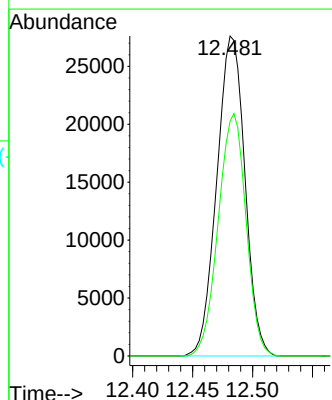
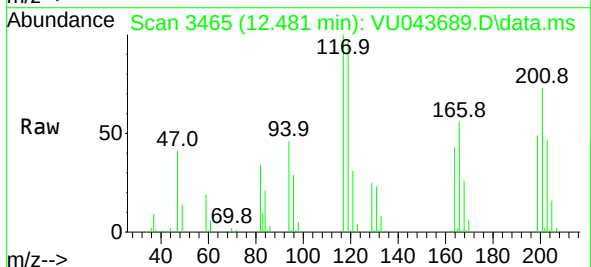
Instrument :  
MSVOA\_U  
ClientSampleId :

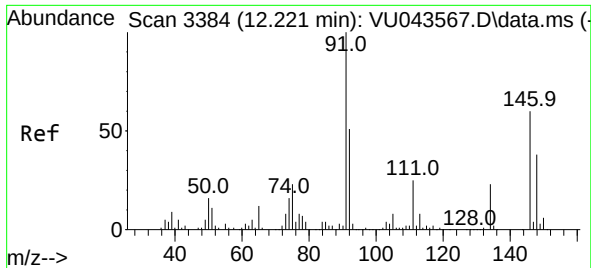
Tgt Ion: 91 Resp: 282314  
Ion Ratio Lower Upper  
91 100  
92 51.4 25.4 76.2  
134 22.7 11.3 33.9



#90  
Hexachloroethane  
Concen: 54.16 ug/l  
RT: 12.481 min Scan# 3465  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 117 Resp: 45010  
Ion Ratio Lower Upper  
117 100  
201 74.9 38.6 115.7

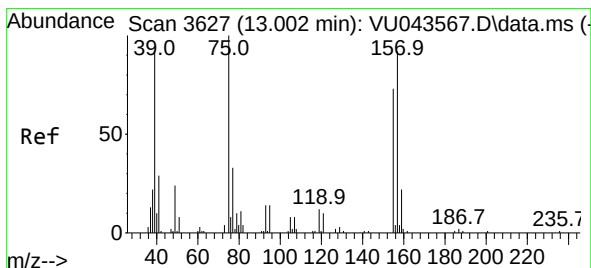
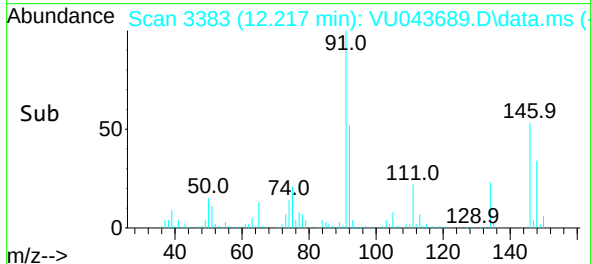
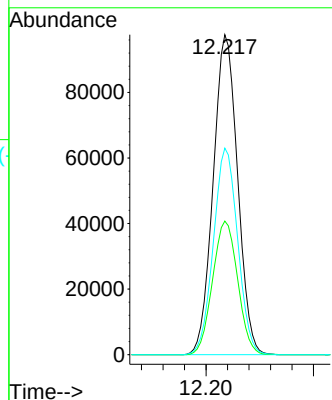
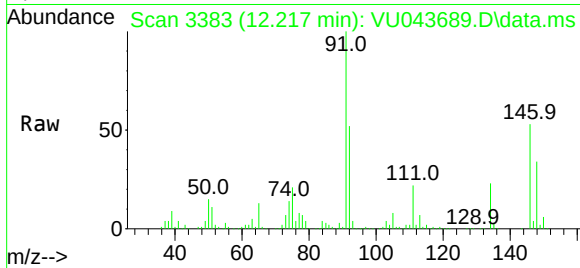




#91  
1,2-Dichlorobenzene  
Concen: 51.52 ug/l  
RT: 12.217 min Scan# 3383  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

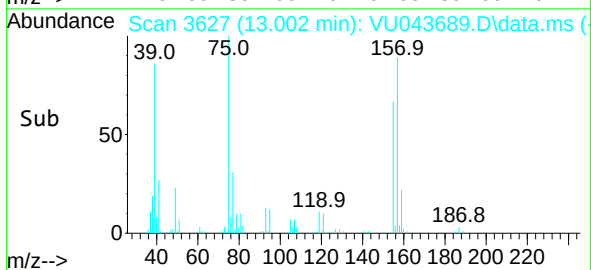
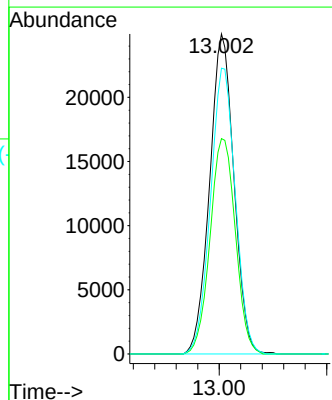
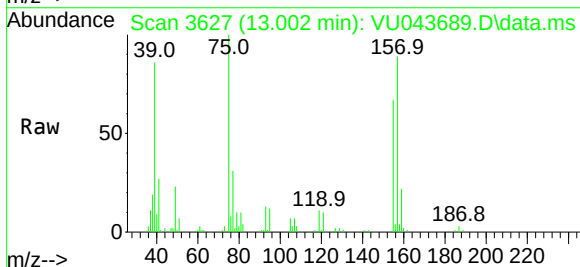
Instrument :  
MSVOA\_U  
ClientSampleId :

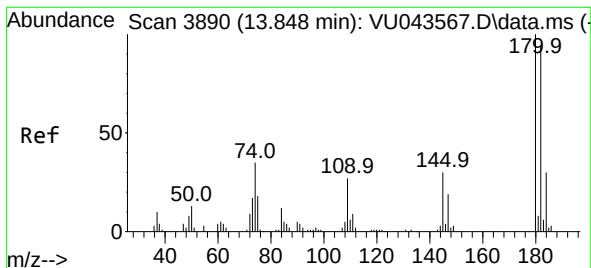
Tgt Ion:146 Resp: 153889  
Ion Ratio Lower Upper  
146 100  
111 42.9 21.1 63.4  
148 64.3 32.0 96.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 56.76 ug/l  
RT: 13.002 min Scan# 3627  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion: 75 Resp: 39200  
Ion Ratio Lower Upper  
75 100  
155 69.9 36.7 110.1  
157 91.0 47.1 141.4

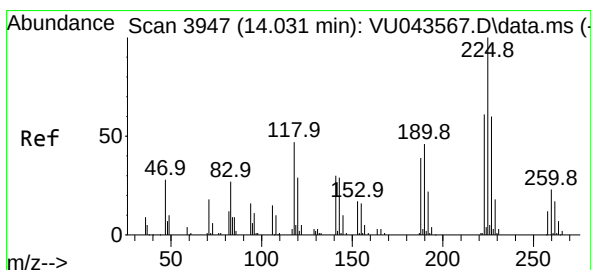
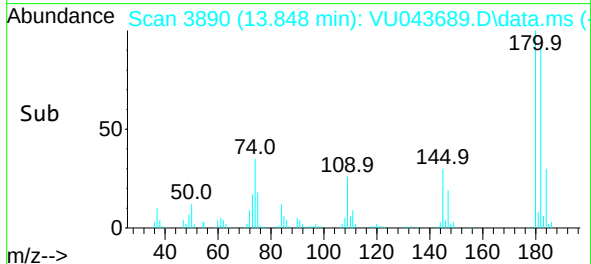
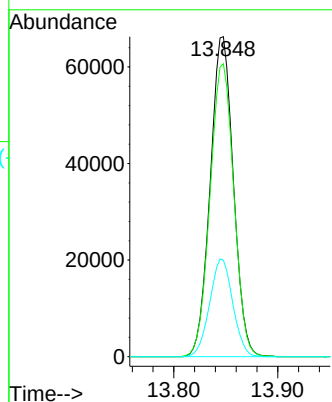
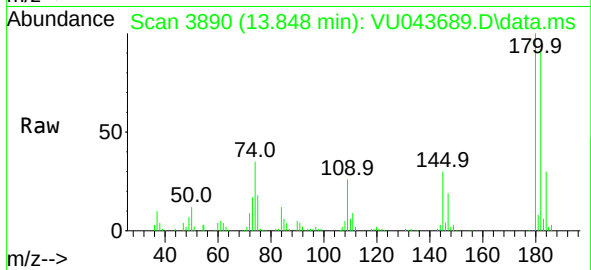




#93  
1,2,4-Trichlorobenzene  
Concen: 52.76 ug/l  
RT: 13.848 min Scan# 3890  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

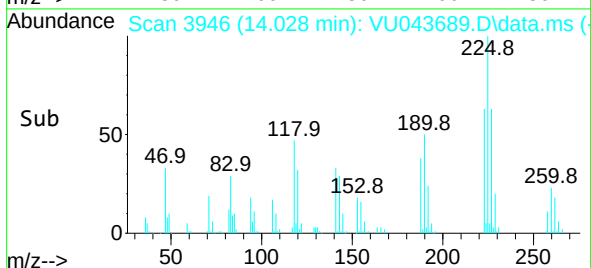
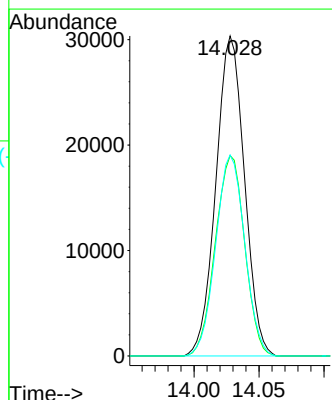
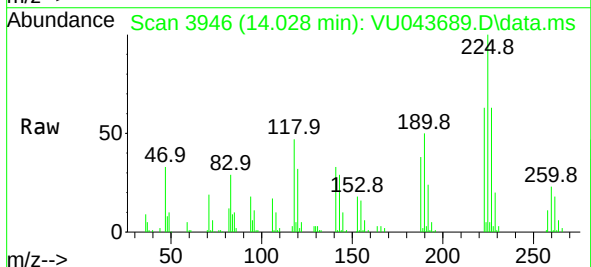
Instrument :  
MSVOA\_U  
ClientSampled :

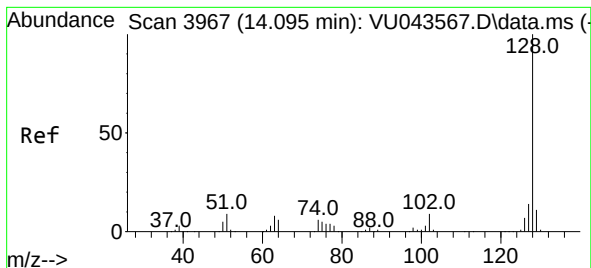
Tgt Ion:180 Resp: 102441  
Ion Ratio Lower Upper  
180 100  
182 93.9 47.2 141.6  
145 30.5 14.9 44.9



#94  
Hexachlorobutadiene  
Concen: 50.16 ug/l  
RT: 14.028 min Scan# 3946  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion:225 Resp: 46372  
Ion Ratio Lower Upper  
225 100  
223 64.2 31.5 94.5  
227 63.8 31.6 94.8

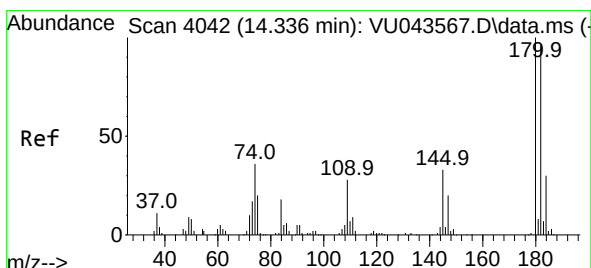
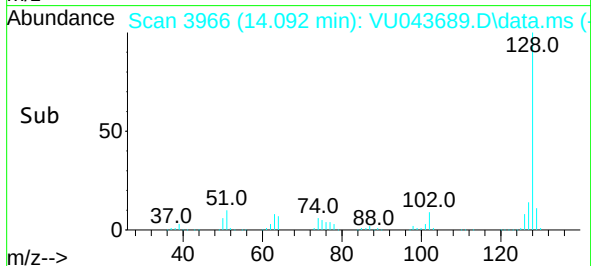
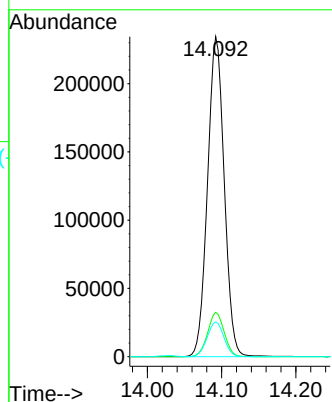
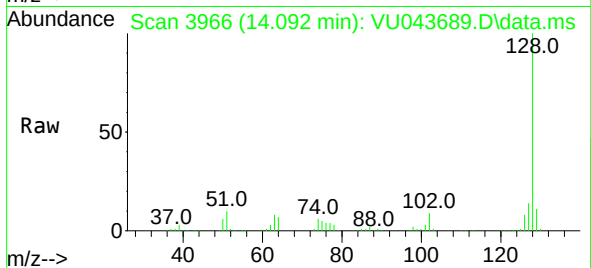




#95  
Naphthalene  
Concen: 51.92 ug/l  
RT: 14.092 min Scan# 3966  
Delta R.T. -0.003 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion:128 Resp: 365461  
Ion Ratio Lower Upper  
128 100  
127 13.7 10.7 16.1  
129 10.9 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 54.50 ug/l  
RT: 14.336 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VU043689.D  
Acq: 12 May 2021 19:43

Tgt Ion:180 Resp: 105540  
Ion Ratio Lower Upper  
180 100  
182 95.1 48.2 144.6  
145 32.5 16.2 48.6

