

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060122\  
 Data File : VU048794.D  
 Acq On : 01 Jun 2022 20:51  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 02 08:37:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.372  | 168   | 275770   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.250  | 114   | 468751   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.417  | 117   | 424703   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.812 | 152   | 238178   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.700  | 65    | 203587   | 49.157   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 98.320%  |
| 35) Dibromofluoromethane     | 5.289  | 113   | 169815   | 50.779   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 101.560% |
| 50) Toluene-d8               | 7.899  | 98    | 602537   | 50.263   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 100.520% |
| 62) 4-Bromofluorobenzene     | 10.632 | 95    | 239503   | 52.828   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 105.660% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.382  | 85    | 136435   | 43.217   | ug/l   | 100      |
| 3) Chloromethane             | 1.520  | 50    | 167164   | 41.133   | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.604  | 62    | 171728   | 45.623   | ug/l   | 99       |
| 5) Bromomethane              | 1.845  | 94    | 71001    | 32.348   | ug/l   | 99       |
| 6) Chloroethane              | 1.929  | 64    | 105660   | 51.183   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 2.138  | 101   | 239355   | 44.525   | ug/l   | 97       |
| 8) Diethyl Ether             | 2.375  | 74    | 96144    | 48.465   | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 2.578  | 101   | 138528   | 47.076   | ug/l   | 97       |
| 10) Methyl Iodide            | 2.720  | 142   | 205245   | 47.139   | ug/l   | 96       |
| 11) Tert butyl alcohol       | 3.170  | 59    | 245272   | 233.593  | ug/l # | 42       |
| 12) 1,1-Dichloroethene       | 2.578  | 96    | 136192   | 48.523   | ug/l   | 97       |
| 13) Acrolein                 | 2.485  | 56    | 39652    | 111.606  | ug/l   | 100      |
| 14) Allyl chloride           | 2.922  | 41    | 269249   | 49.528   | ug/l   | 98       |
| 15) Acrylonitrile            | 3.308  | 53    | 621443   | 272.892  | ug/l   | 99       |
| 16) Acetone                  | 2.620  | 43    | 498094   | 235.993  | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.790  | 76    | 348162   | 42.492   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.945  | 43    | 298212   | 56.274   | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 3.363  | 73    | 565322   | 53.083   | ug/l   | 99       |
| 20) Methylene Chloride       | 3.044  | 84    | 176807   | 49.261   | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 3.353  | 96    | 153409   | 47.782   | ug/l   | 94       |
| 22) Diisopropyl ether        | 3.990  | 45    | 557342   | 55.579   | ug/l   | 99       |
| 23) Vinyl Acetate            | 3.954  | 43    | 2405919  | 276.916  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.871  | 63    | 315179   | 50.044   | ug/l   | 99       |
| 25) 2-Butanone               | 4.697  | 43    | 836764   | 275.967  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.665  | 77    | 240257   | 42.522   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.665  | 96    | 189438   | 50.976   | ug/l   | 96       |
| 28) Bromochloromethane       | 4.973  | 49    | 130669   | 52.896   | ug/l   | 97       |
| 29) Tetrahydrofuran          | 5.047  | 42    | 537128   | 281.232  | ug/l   | 99       |
| 30) Chloroform               | 5.089  | 83    | 322868   | 51.235   | ug/l   | 98       |
| 31) Cyclohexane              | 5.388  | 56    | 261327   | 50.069   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.317  | 97    | 272479   | 47.660   | ug/l   | 100      |
| 36) 1,1-Dichloropropene      | 5.526  | 75    | 226621   | 46.431   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.800  | 43    | 304041   | 49.276   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.523  | 117   | 232035   | 41.438   | ug/l   | 99       |
| 39) Methylcyclohexane        | 6.761  | 83    | 254518   | 49.734   | ug/l   | 98       |
| 40) Benzene                  | 5.774  | 78    | 681523   | 47.297   | ug/l   | 100      |

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 Data File : VU048794.D  
 Acq On : 01 Jun 2022 20:51  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jun 02 08:37:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.970  | 41   | 164551   | 52.774  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 5.793  | 62   | 253717   | 44.980  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 5.909  | 43   | 455197   | 50.829  | ug/l   | 98       |
| 44) Trichloroethene           | 6.543  | 130  | 176864   | 47.642  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 6.790  | 63   | 193271   | 53.278  | ug/l   | 98       |
| 46) Dibromomethane            | 6.919  | 93   | 128757   | 47.508  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.105  | 83   | 255493   | 46.616  | ug/l   | 97       |
| 48) Methyl methacrylate       | 6.957  | 41   | 216815   | 53.930  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 6.960  | 88   | 80555    | 896.335 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 7.790  | 43   | 1595064  | 274.302 | ug/l   | 99       |
| 52) Toluene                   | 7.970  | 92   | 433754   | 50.325  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.211  | 75   | 286735   | 48.498  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 7.607  | 75   | 306535   | 50.034  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 8.401  | 97   | 183846   | 48.331  | ug/l   | 100      |
| 56) Ethyl methacrylate        | 8.333  | 69   | 309570   | 51.423  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 8.575  | 76   | 314986   | 49.200  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.462  | 63   | 309918   | 230.644 | ug/l   | 99       |
| 59) 2-Hexanone                | 8.681  | 43   | 1254557  | 262.793 | ug/l   | 98       |
| 60) Dibromochloromethane      | 8.809  | 129  | 200523   | 47.027  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 8.922  | 107  | 196740   | 46.964  | ug/l   | 100      |
| 64) Tetrachloroethene         | 8.552  | 164  | 141092   | 47.793  | ug/l   | 96       |
| 65) Chlorobenzene             | 9.446  | 112  | 459515   | 51.157  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 9.533  | 131  | 174750   | 51.253  | ug/l   | 99       |
| 67) Ethyl Benzene             | 9.571  | 91   | 840171   | 55.457  | ug/l   | 98       |
| 68) m/p-Xylenes               | 9.694  | 106  | 654287   | 110.423 | ug/l   | 99       |
| 69) o-Xylene                  | 10.099 | 106  | 318878   | 54.777  | ug/l   | 98       |
| 70) Styrene                   | 10.115 | 104  | 547172   | 57.145  | ug/l   | 99       |
| 71) Bromoform                 | 10.292 | 173  | 160552   | 50.930  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.484 | 105  | 841595   | 54.732  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.317 | 43   | 396729   | 50.915  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.780 | 83   | 331353   | 52.805  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.825 | 75   | 386227   | 50.294  | ug/l   | 100      |
| 77) Bromobenzene              | 10.780 | 156  | 212402   | 51.434  | ug/l   | 99       |
| 78) n-propylbenzene           | 10.906 | 91   | 1010090  | 55.128  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.986 | 91   | 604610   | 53.062  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 737343   | 55.141  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 10.546 | 75   | 99327    | 46.962  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 11.095 | 91   | 702945   | 53.470  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.420 | 119  | 726305   | 56.592  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 750077   | 51.999  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.642 | 105  | 896980   | 55.866  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.793 | 119  | 768507   | 55.737  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.745 | 146  | 413741   | 51.101  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.835 | 146  | 410743   | 49.103  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.208 | 91   | 695238   | 50.359  | ug/l   | 100      |
| 90) Hexachloroethane          | 12.475 | 117  | 126505   | 44.957  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 12.211 | 146  | 411077   | 50.258  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.996 | 75   | 88631    | 49.056  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 271440   | 50.572  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.021 | 225  | 111875   | 43.486  | ug/l   | 100      |
| 95) Naphthalene               | 14.086 | 128  | 991860   | 52.758  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 272658   | 51.289  | ug/l   | 100      |

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Data File : VU048794.D  
Acq On : 01 Jun 2022 20:51  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jun 02 08:37:20 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 27 06:42:31 2022  
Response via : Initial Calibration

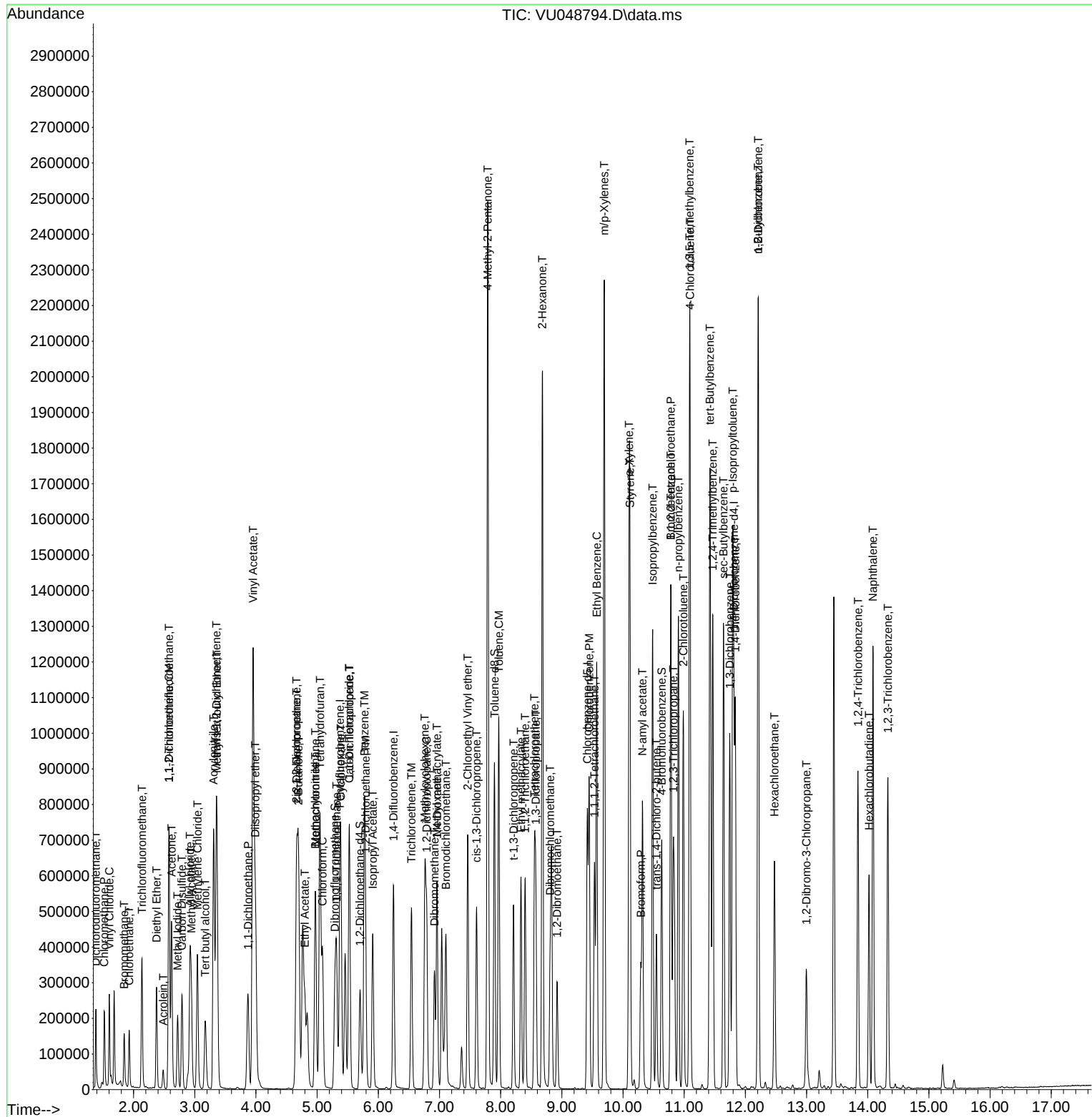
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

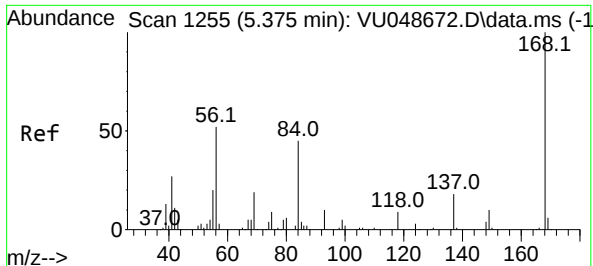
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU060122\  
 Data File : VU048794.D  
 Acq On : 01 Jun 2022 20:51  
 Operator : SY/MD  
 Sample : VSTDC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDC050EC

Quant Time: Jun 02 08:37:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U052622W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 27 06:42:31 2022  
 Response via : Initial Calibration

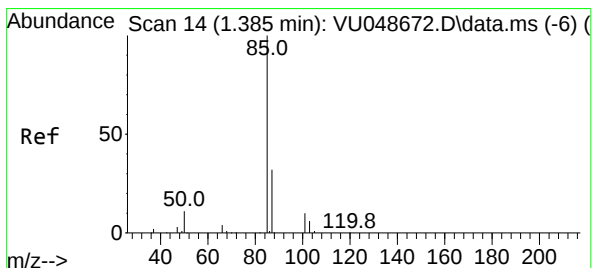
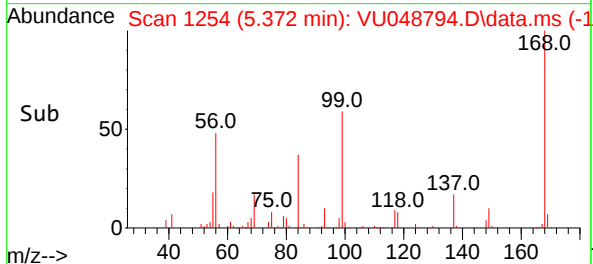
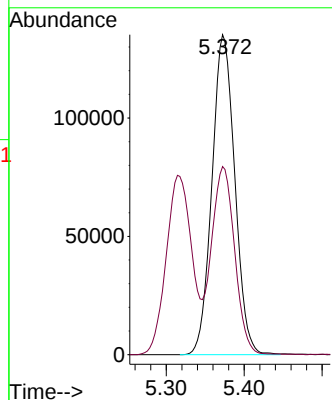
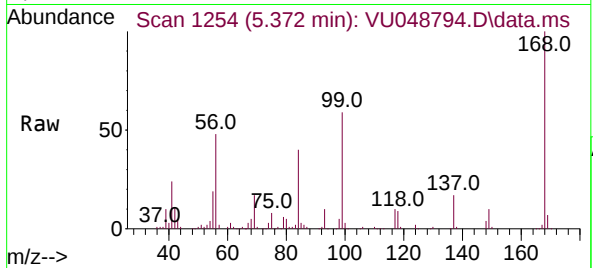




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.372 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

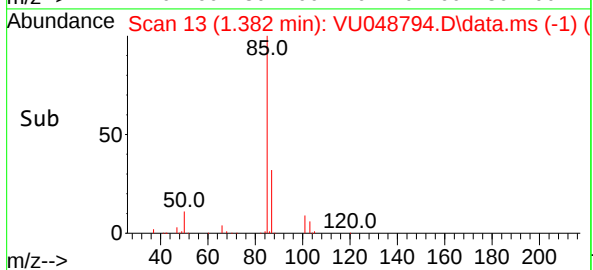
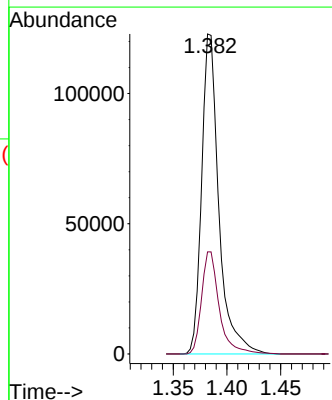
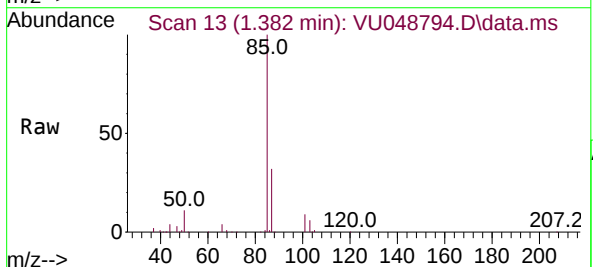
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

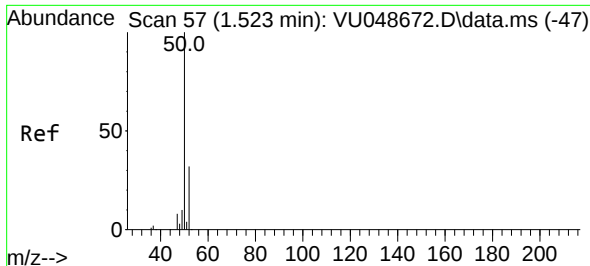
Tgt Ion:168 Resp: 275770  
Ion Ratio Lower Upper  
168 100  
99 58.6 49.3 73.9



#2  
Dichlorodifluoromethane  
Concen: 43.217 ug/l  
RT: 1.382 min Scan# 13  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 85 Resp: 136435  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.0 48.0

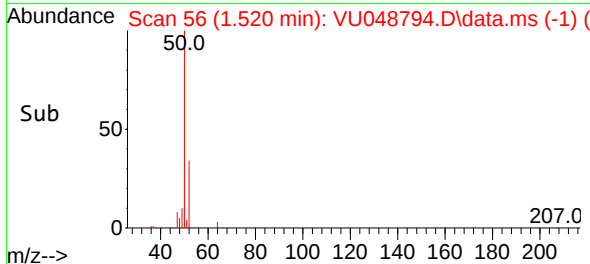
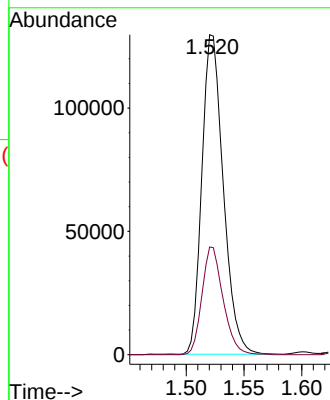
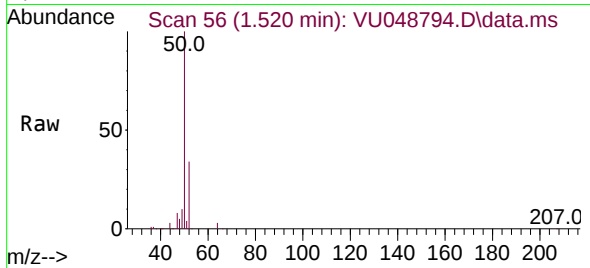




#3  
Chloromethane  
Concen: 41.133 ug/l  
RT: 1.520 min Scan# 50  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

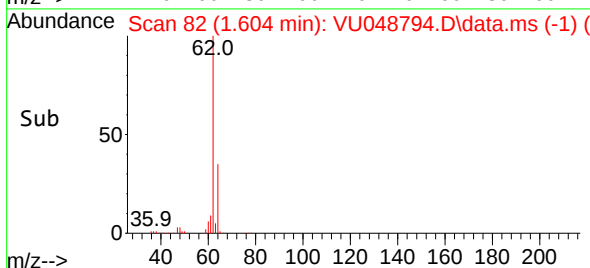
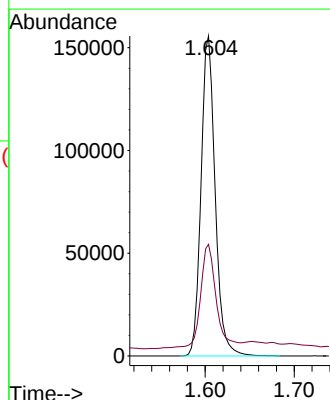
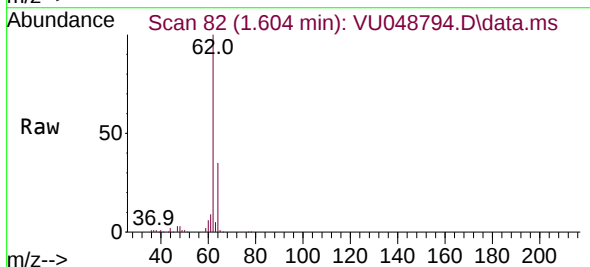
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

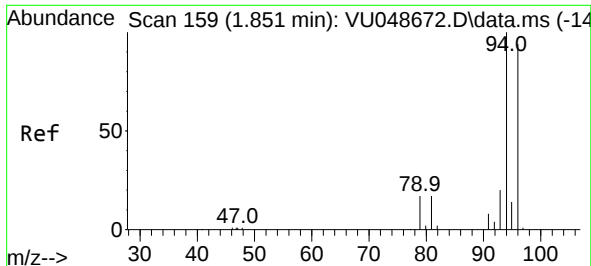
Tgt Ion: 50 Resp: 167164  
Ion Ratio Lower Upper  
50 100  
52 33.7 25.7 38.5



#4  
Vinyl Chloride  
Concen: 45.623 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 62 Resp: 171728  
Ion Ratio Lower Upper  
62 100  
64 32.0 25.2 37.8

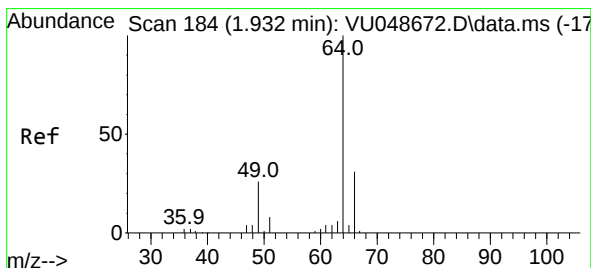
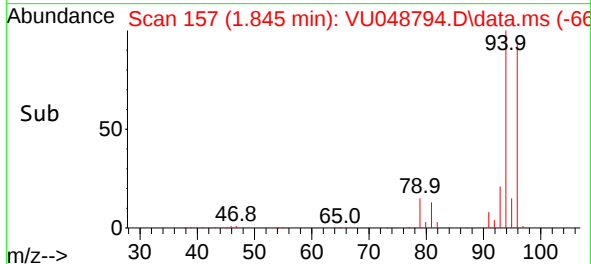
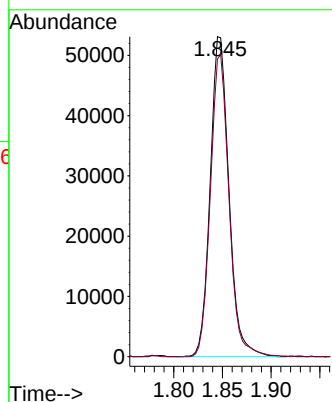
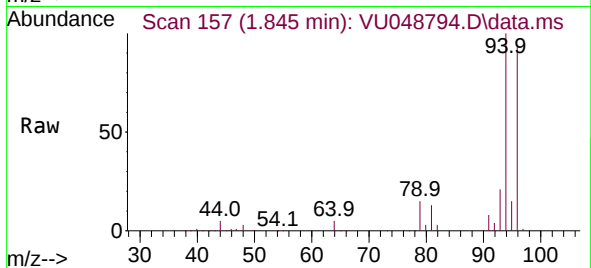




#5  
Bromomethane  
Concen: 32.348 ug/l  
RT: 1.845 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

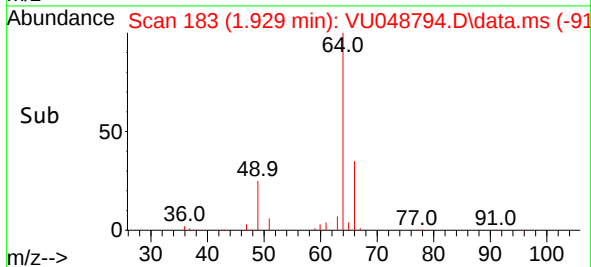
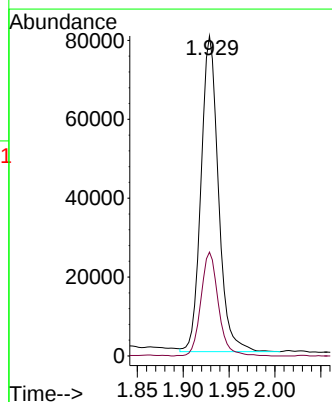
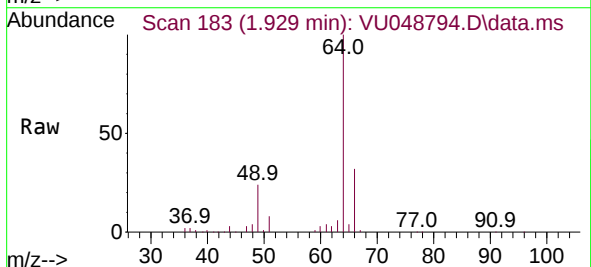
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

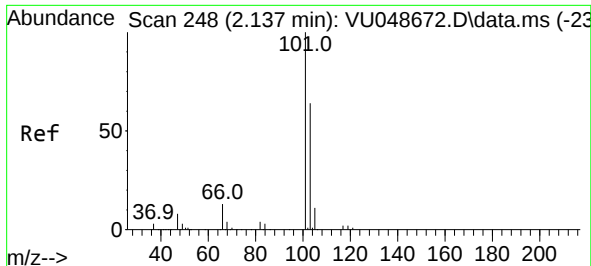
Tgt Ion: 94 Resp: 71001  
Ion Ratio Lower Upper  
94 100  
96 93.1 75.1 112.7



#6  
Chloroethane  
Concen: 51.183 ug/l  
RT: 1.929 min Scan# 183  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 64 Resp: 105660  
Ion Ratio Lower Upper  
64 100  
66 32.9 25.2 37.8

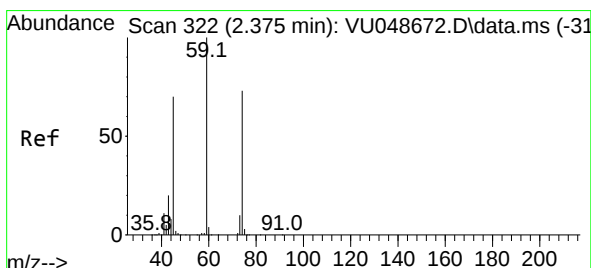
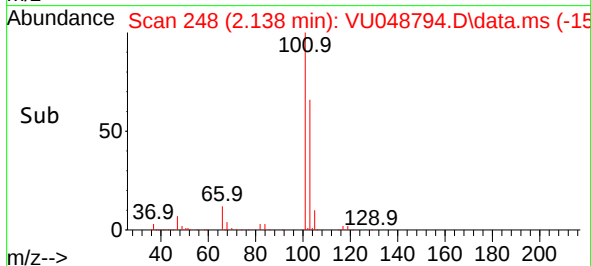
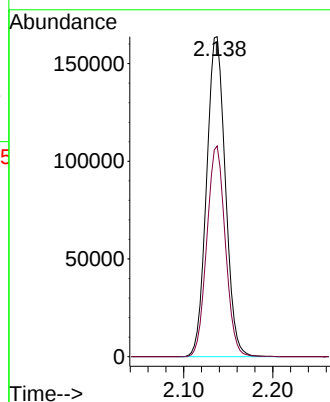
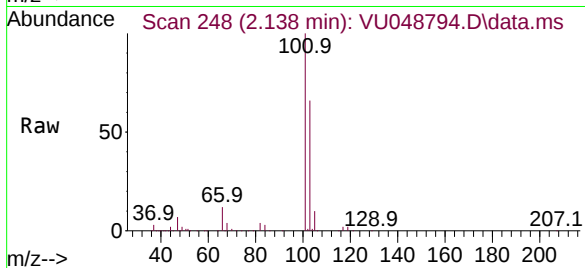




#7  
Trichlorofluoromethane  
Concen: 44.525 ug/l  
RT: 2.138 min Scan# 248  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

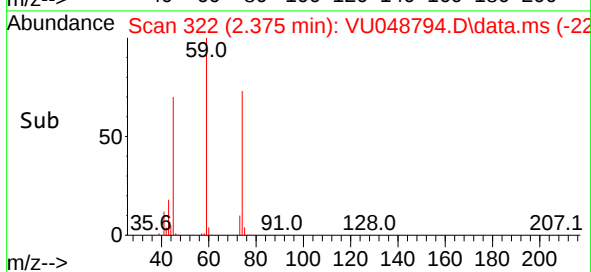
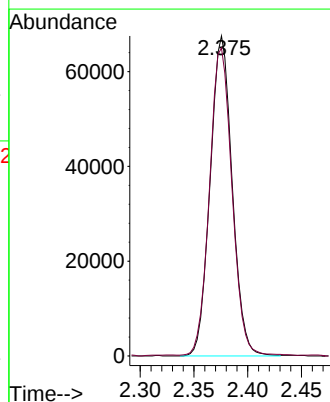
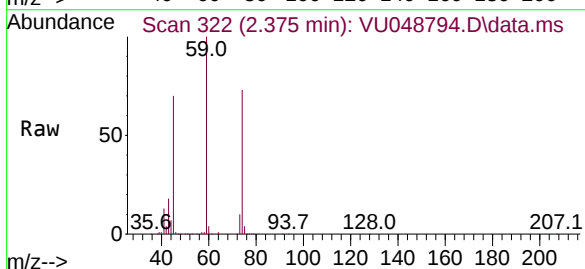
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

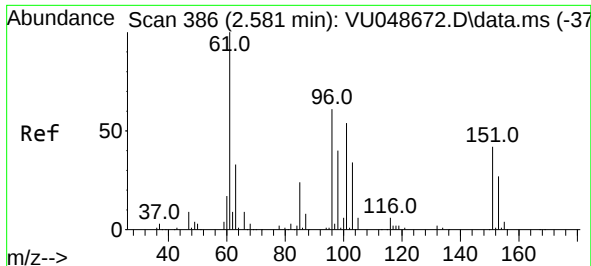
Tgt Ion:101 Resp: 239355  
Ion Ratio Lower Upper  
101 100  
103 65.8 51.0 76.4



#8  
Diethyl Ether  
Concen: 48.465 ug/l  
RT: 2.375 min Scan# 322  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 74 Resp: 96144  
Ion Ratio Lower Upper  
74 100  
45 98.0 47.7 143.1

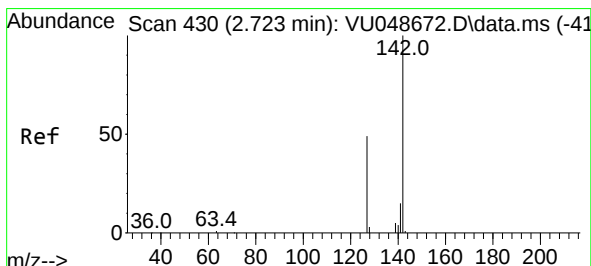
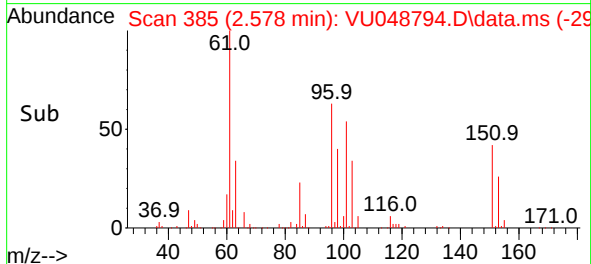
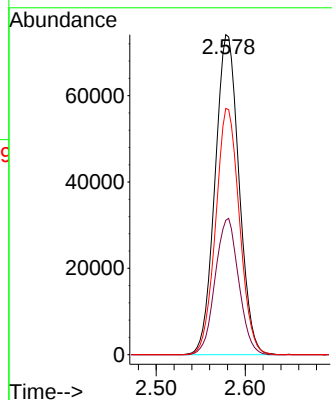
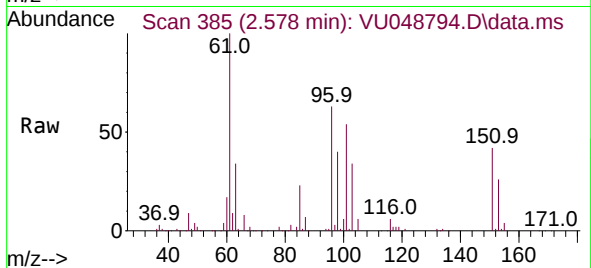




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.076 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

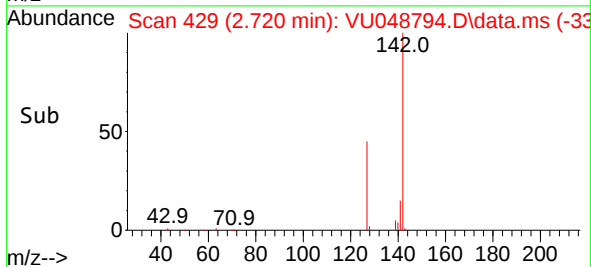
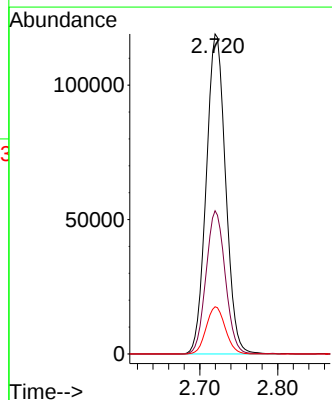
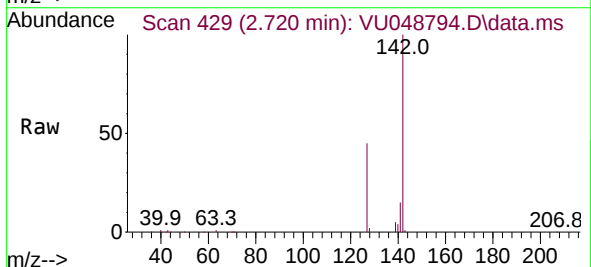
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

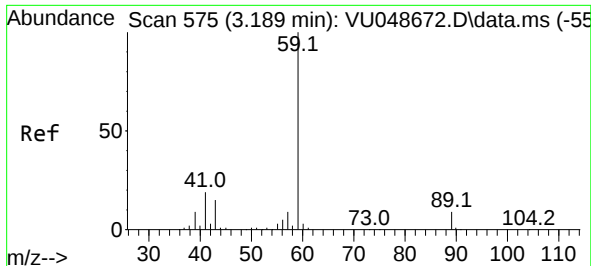
Tgt Ion:101 Resp: 138528  
Ion Ratio Lower Upper  
101 100  
85 41.9 35.4 53.2  
151 76.4 62.5 93.7



#10  
Methyl Iodide  
Concen: 47.139 ug/l  
RT: 2.720 min Scan# 429  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion:142 Resp: 205245  
Ion Ratio Lower Upper  
142 100  
127 44.6 38.4 57.6  
141 14.5 11.5 17.3

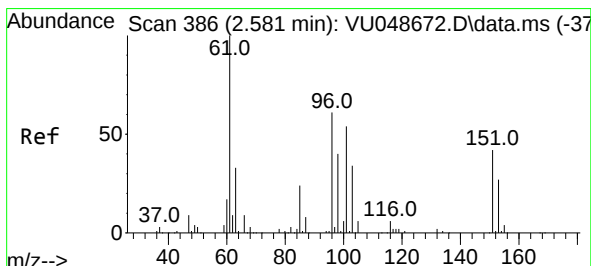
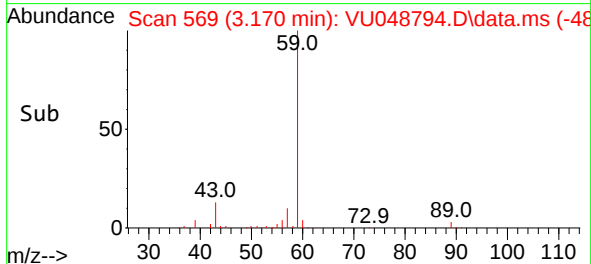
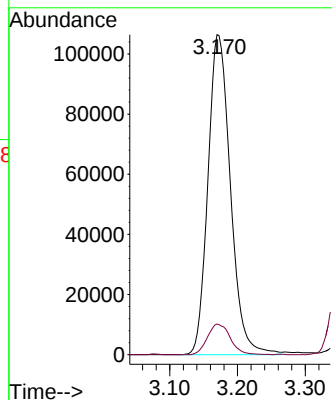
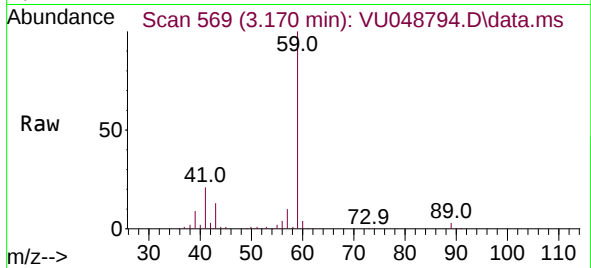




#11  
Tert butyl alcohol  
Concen: 233.593 ug/l  
RT: 3.170 min Scan# 575  
Delta R.T. -0.019 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

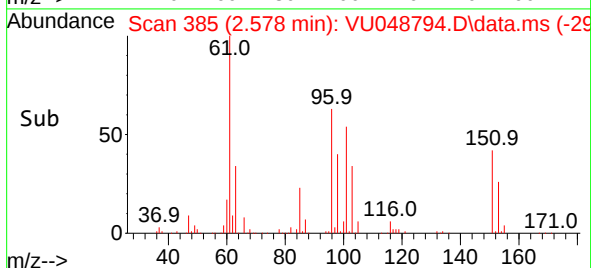
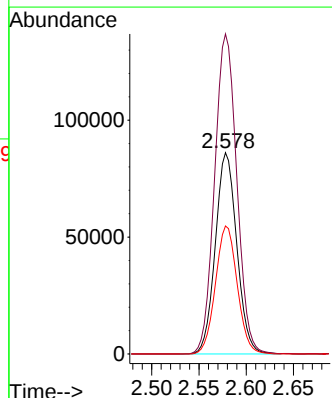
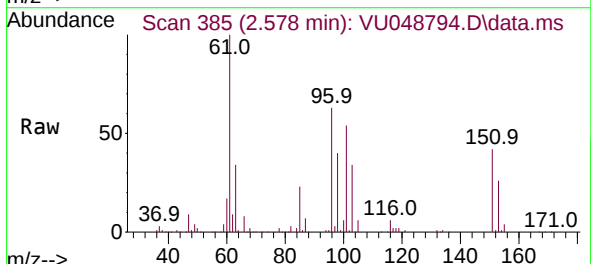
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 59 Resp: 245272  
Ion Ratio Lower Upper  
59 100  
57 9.8 39.7 59.5#



#12  
1,1-Dichloroethene  
Concen: 48.523 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 96 Resp: 136192  
Ion Ratio Lower Upper  
96 100  
61 159.0 131.1 196.7  
98 63.6 51.8 77.8

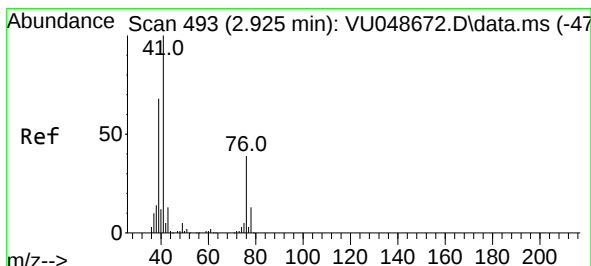
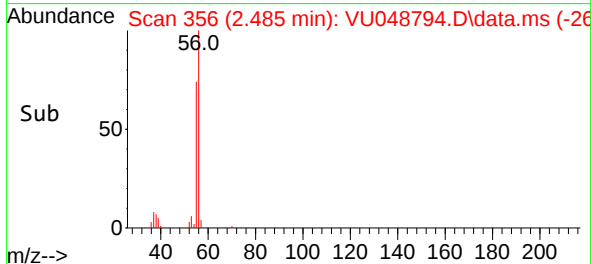
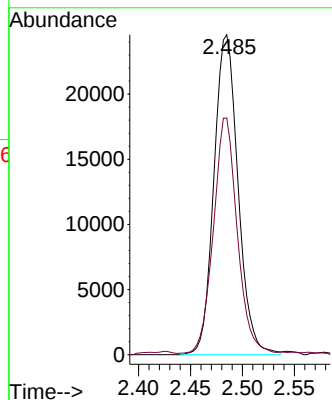
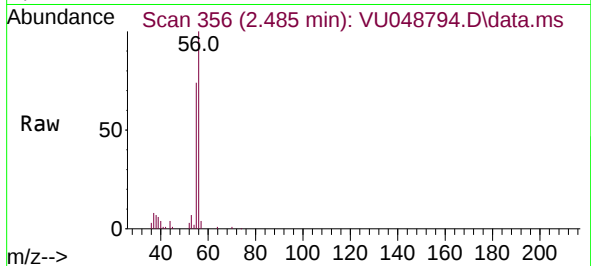




#13  
Acrolein  
Concen: 111.606 ug/l  
RT: 2.485 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

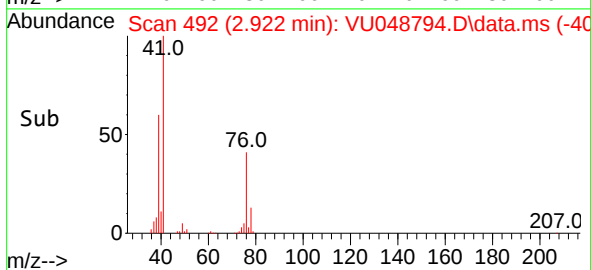
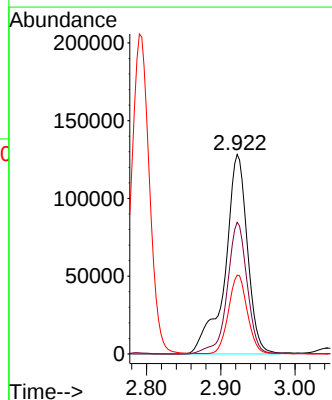
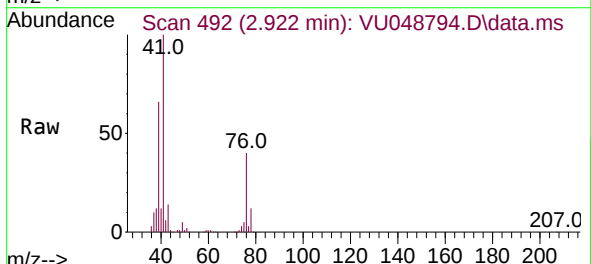
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

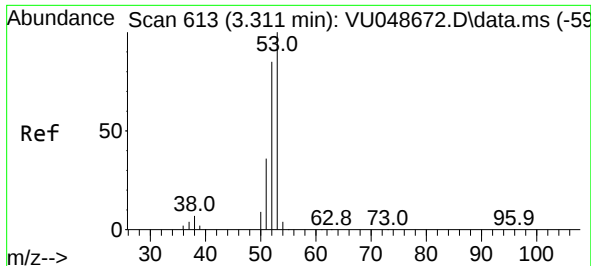
Tgt Ion: 56 Resp: 39652  
Ion Ratio Lower Upper  
56 100  
55 72.4 57.7 86.5



#14  
Allyl chloride  
Concen: 49.528 ug/l  
RT: 2.922 min Scan# 492  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 41 Resp: 269249  
Ion Ratio Lower Upper  
41 100  
39 58.7 48.6 72.8  
76 33.2 27.0 40.4

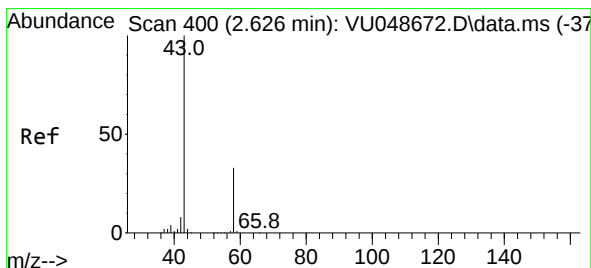
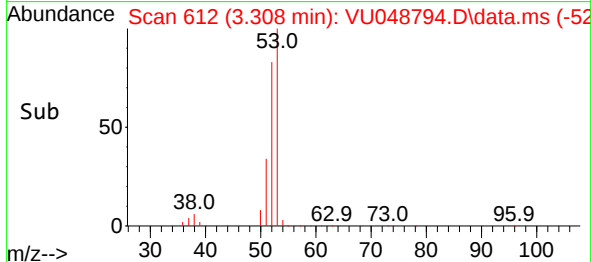
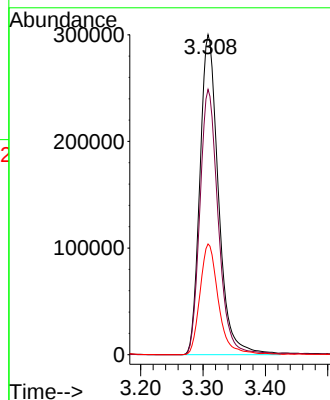
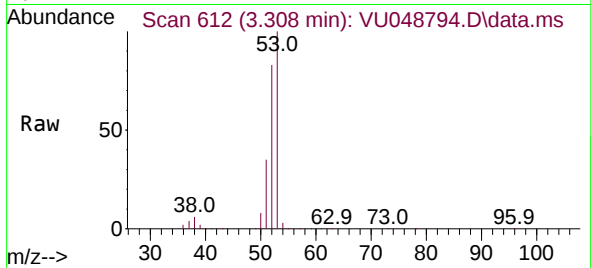




#15  
Acrylonitrile  
Concen: 272.892 ug/l  
RT: 3.308 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

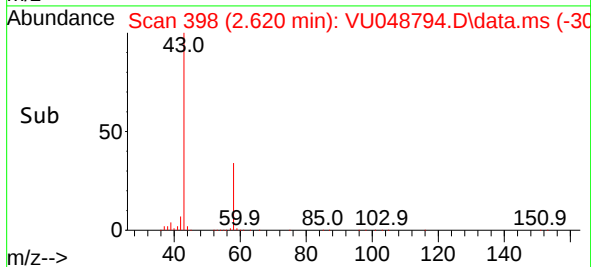
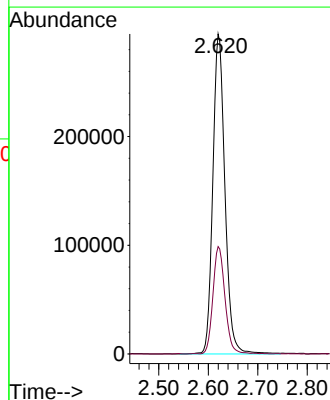
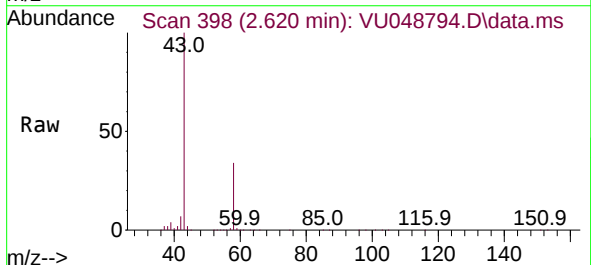
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

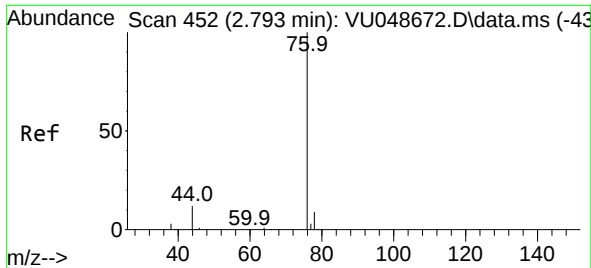
Tgt Ion: 53 Resp: 621443  
Ion Ratio Lower Upper  
53 100  
52 82.0 66.3 99.5  
51 34.3 28.6 42.8



#16  
Acetone  
Concen: 235.993 ug/l  
RT: 2.620 min Scan# 398  
Delta R.T. -0.006 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 43 Resp: 498094  
Ion Ratio Lower Upper  
43 100  
58 33.5 26.3 39.5

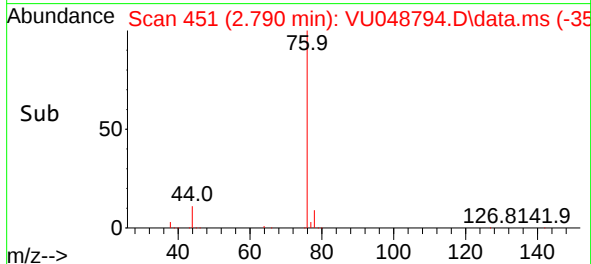
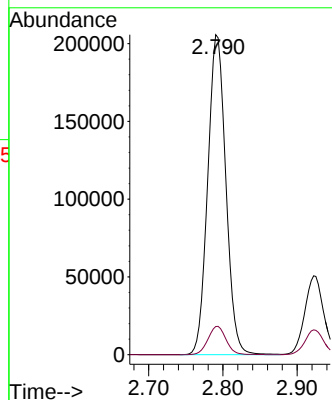
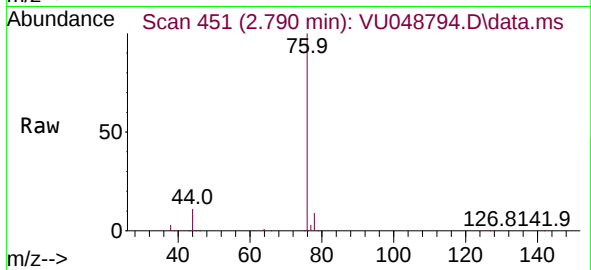




#17  
Carbon Disulfide  
Concen: 42.492 ug/l  
RT: 2.790 min Scan# 411  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

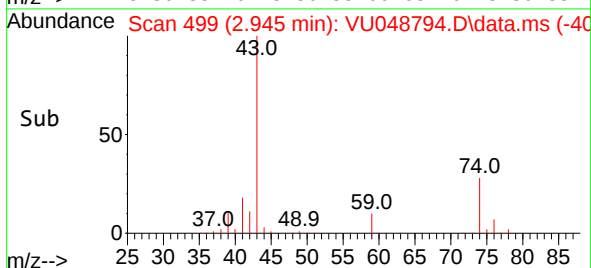
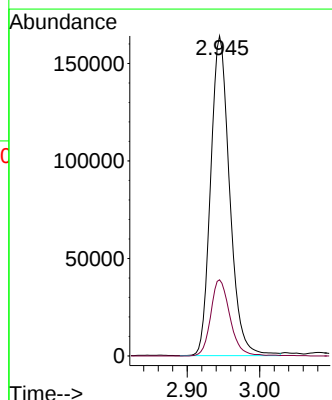
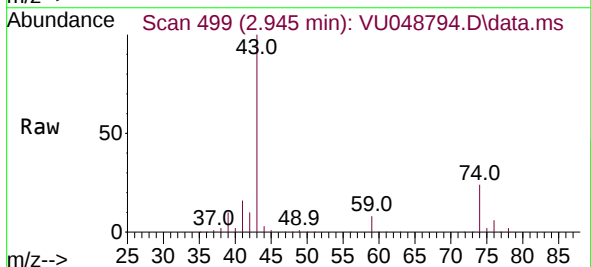
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 76 Resp: 348162  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.3 10.9



#18  
Methyl Acetate  
Concen: 56.274 ug/l  
RT: 2.945 min Scan# 499  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 43 Resp: 298212  
Ion Ratio Lower Upper  
43 100  
74 24.1 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 53.083 ug/l

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

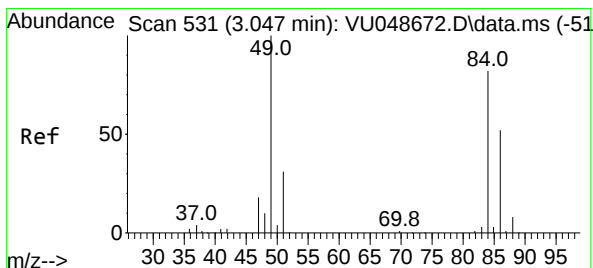
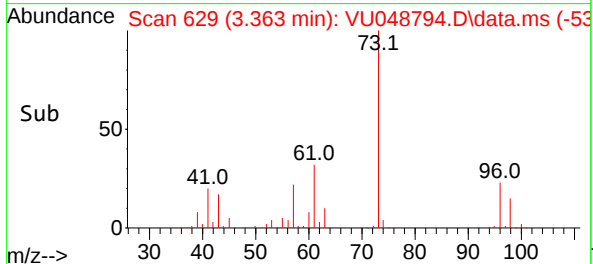
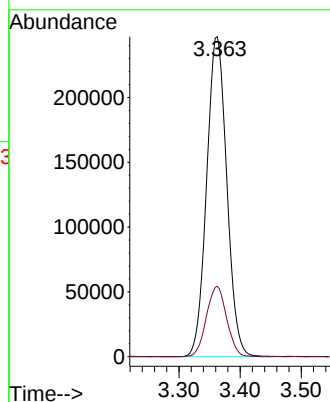
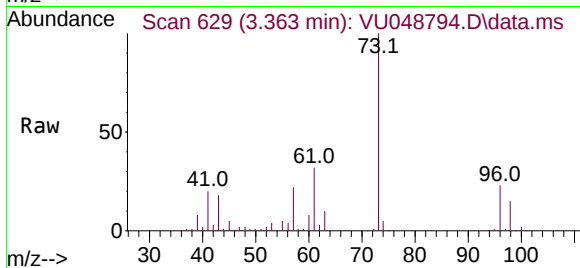
VSTDCCC050EC

Tgt Ion: 73 Resp: 565322

Ion Ratio Lower Upper

73 100

57 22.0 17.1 25.7



#20

Methylene Chloride

Concen: 49.261 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Tgt Ion: 84 Resp: 176807

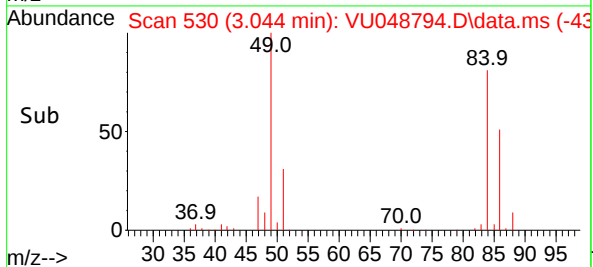
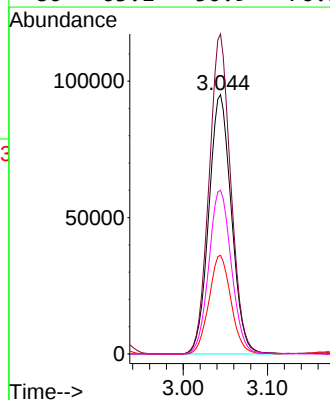
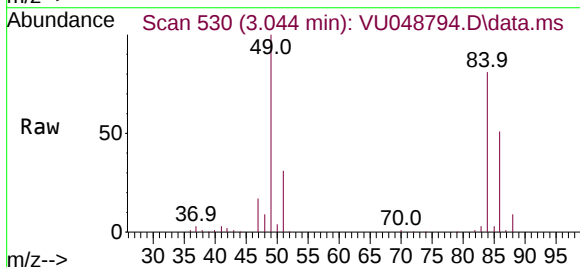
Ion Ratio Lower Upper

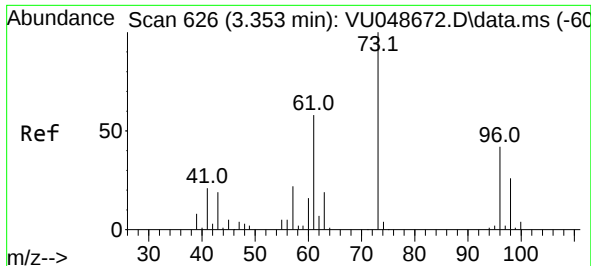
84 100

49 123.4 97.0 145.4

51 38.1 29.8 44.8

86 63.1 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 47.782 ug/l

RT: 3.353 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

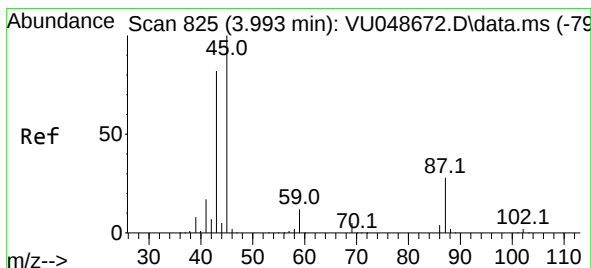
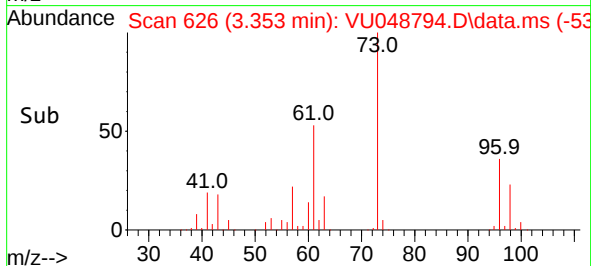
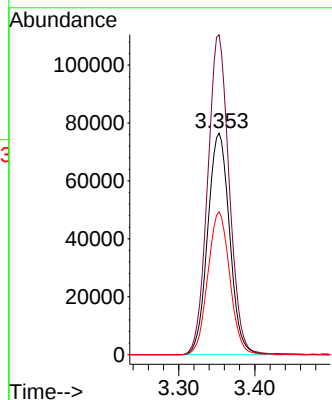
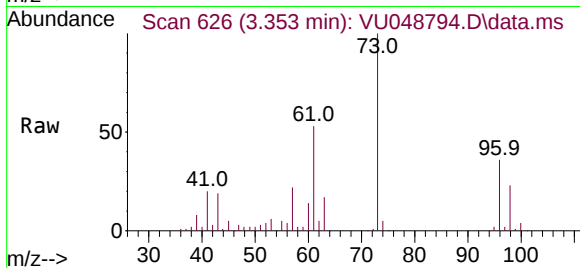
Tgt Ion: 96 Resp: 153409

Ion Ratio Lower Upper

96 100

61 144.5 109.4 164.2

98 64.5 48.9 73.3



#22

Diisopropyl ether

Concen: 55.579 ug/l

RT: 3.990 min Scan# 824

Delta R.T. -0.003 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Tgt Ion: 45 Resp: 557342

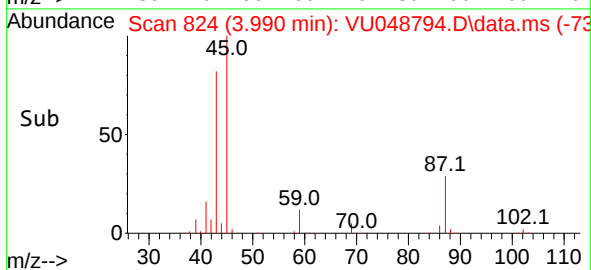
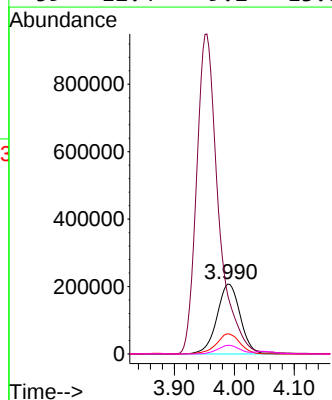
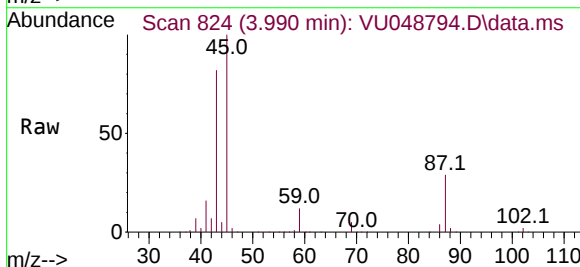
Ion Ratio Lower Upper

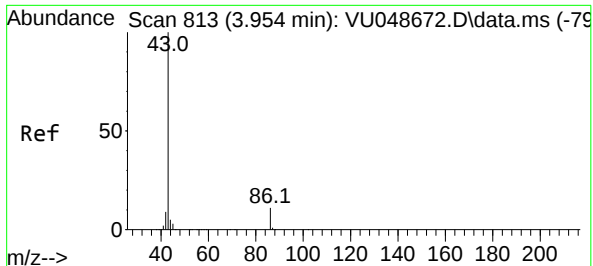
45 100

43 80.8 65.2 97.8

87 28.7 22.7 34.1

59 12.4 9.2 13.8

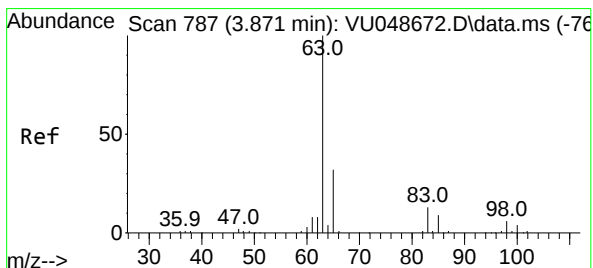
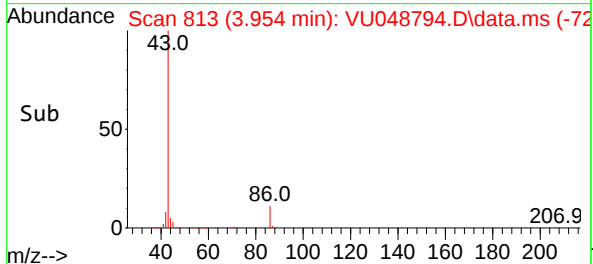
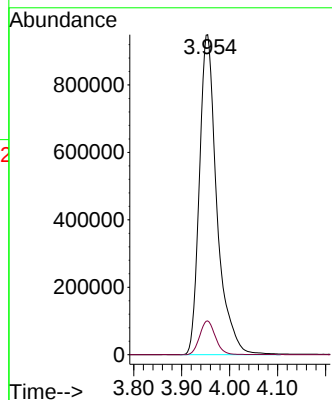
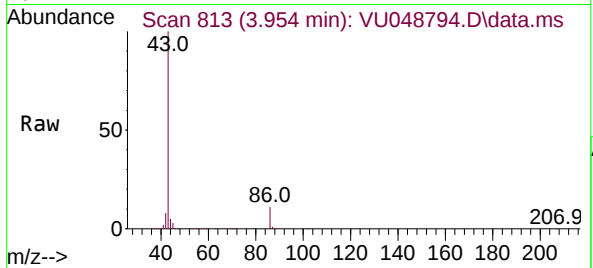




#23  
 Vinyl Acetate  
 Concen: 276.916 ug/l  
 RT: 3.954 min Scan# 813  
 Delta R.T. 0.000 min  
 Lab File: VU048794.D  
 Acq: 01 Jun 2022 20:51

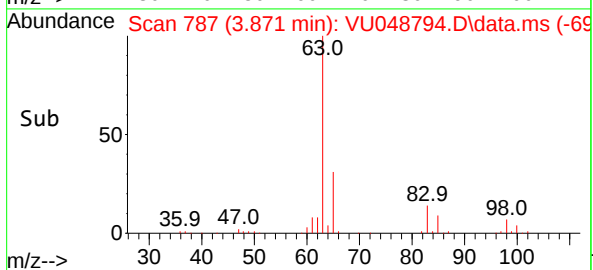
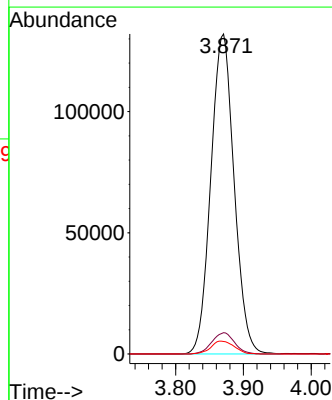
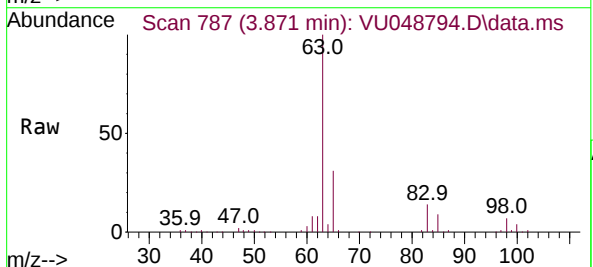
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

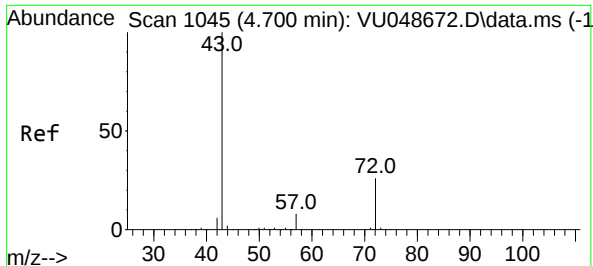
Tgt Ion: 43 Resp: 2405919  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 8.4 12.6



#24  
 1,1-Dichloroethane  
 Concen: 50.044 ug/l  
 RT: 3.871 min Scan# 787  
 Delta R.T. 0.000 min  
 Lab File: VU048794.D  
 Acq: 01 Jun 2022 20:51

Tgt Ion: 63 Resp: 315179  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.1 9.3  
 100 3.9 2.0 5.8





#25

2-Butanone

Concen: 275.967 ug/l

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

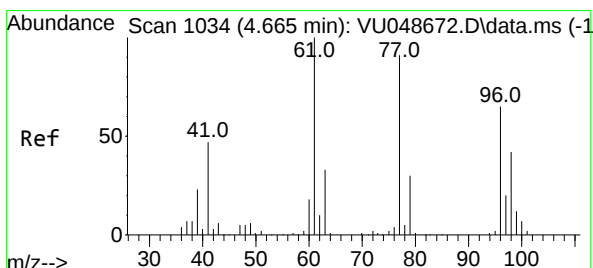
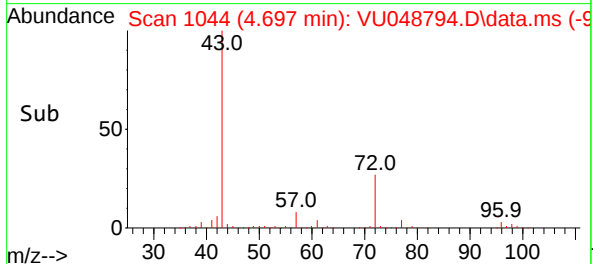
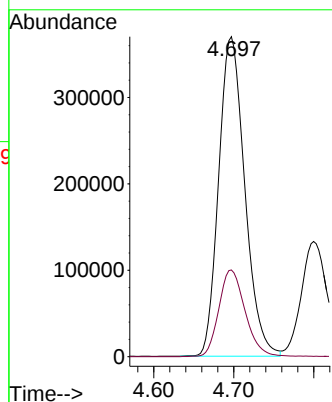
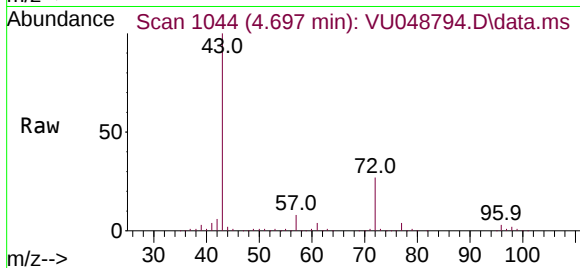
VSTDCCC050EC

Tgt Ion: 43 Resp: 836764

Ion Ratio Lower Upper

43 100

72 27.2 21.1 31.7



#26

2,2-Dichloropropane

Concen: 42.522 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU048794.D

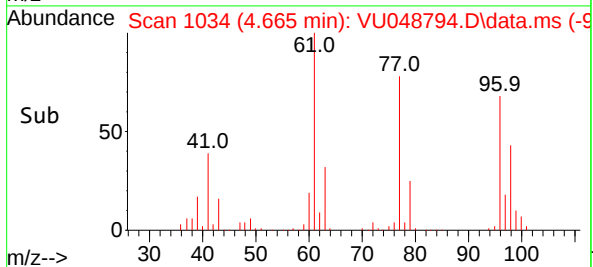
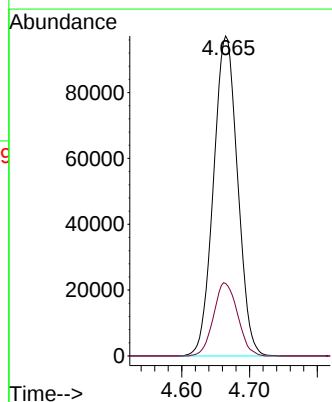
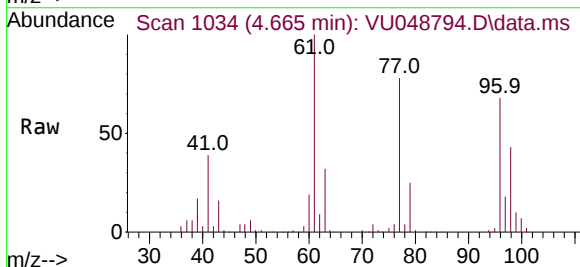
Acq: 01 Jun 2022 20:51

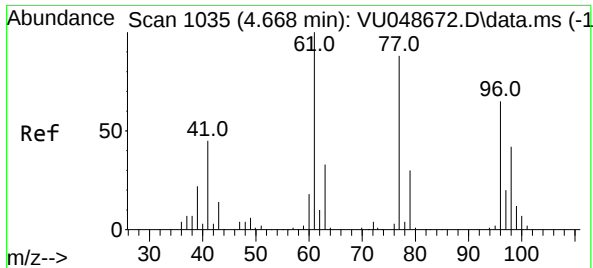
Tgt Ion: 77 Resp: 240257

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.1

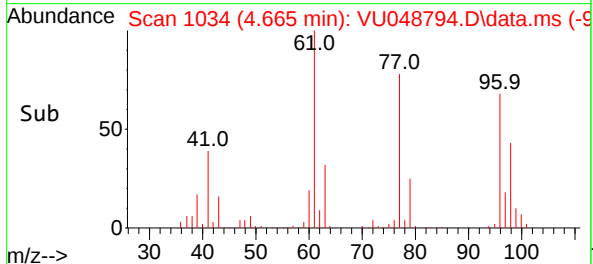
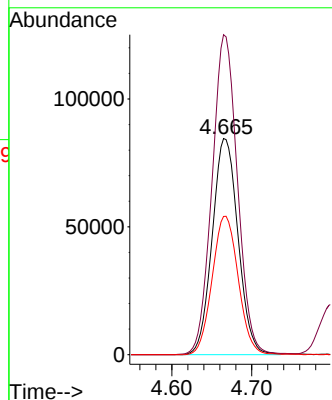
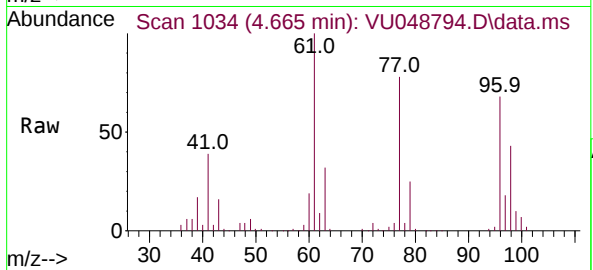




#27  
 cis-1,2-Dichloroethene  
 Concen: 50.976 ug/l  
 RT: 4.665 min Scan# 1034  
 Delta R.T. -0.003 min  
 Lab File: VU048794.D  
 Acq: 01 Jun 2022 20:51

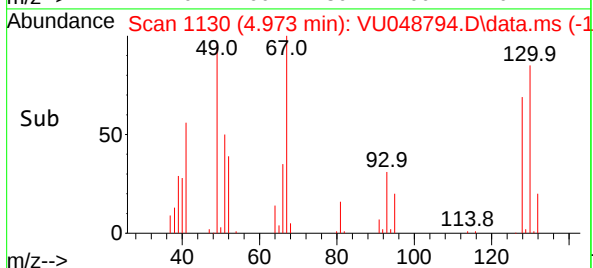
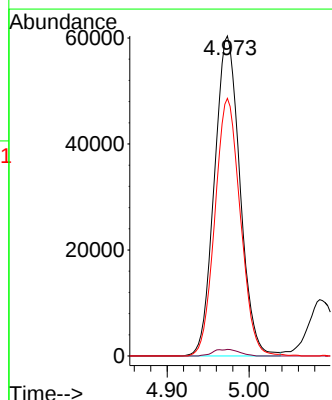
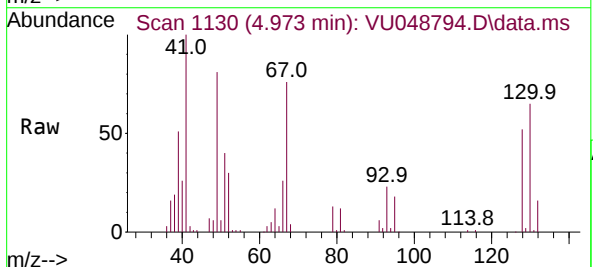
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

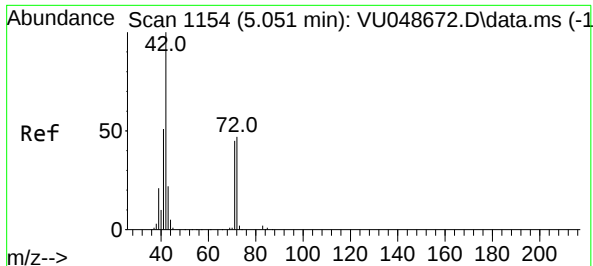
Tgt Ion: 96 Resp: 189438  
 Ion Ratio Lower Upper  
 96 100  
 61 146.0 0.0 306.2  
 98 64.7 0.0 130.4



#28  
 Bromochloromethane  
 Concen: 52.896 ug/l  
 RT: 4.973 min Scan# 1130  
 Delta R.T. 0.000 min  
 Lab File: VU048794.D  
 Acq: 01 Jun 2022 20:51

Tgt Ion: 49 Resp: 130669  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.0  
 130 80.2 62.1 93.1

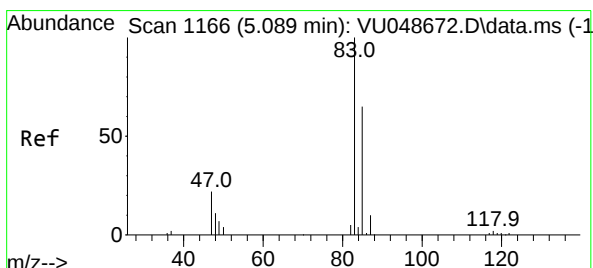
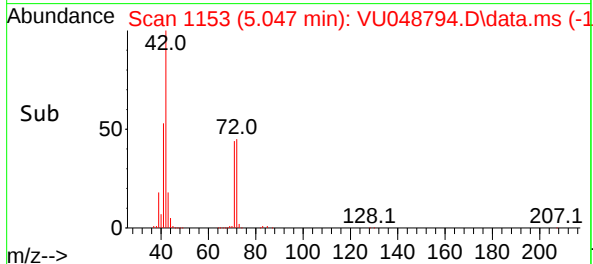
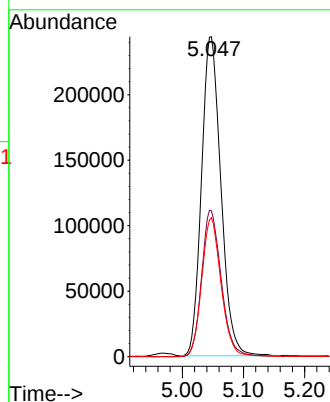
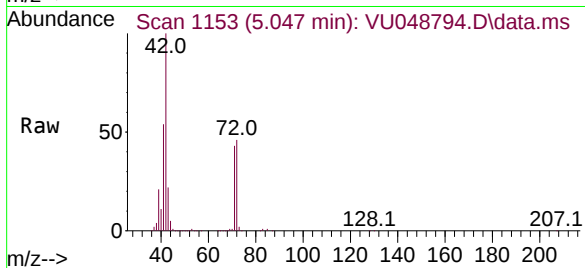




#29  
Tetrahydrofuran  
Concen: 281.232 ug/l  
RT: 5.047 min Scan# 1153  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

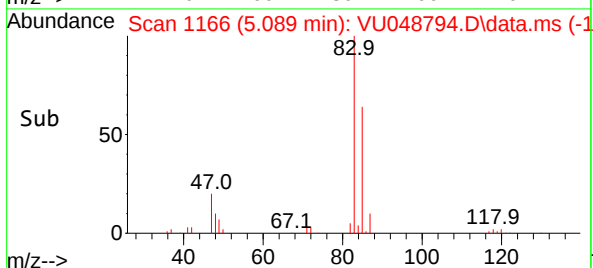
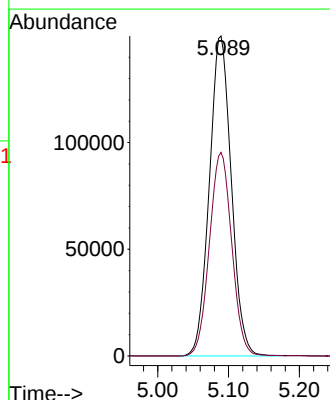
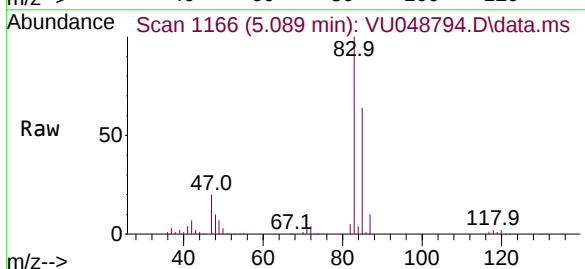
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

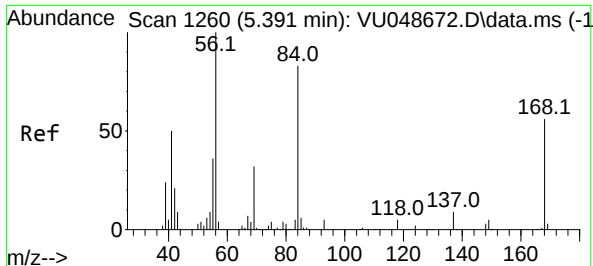
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 537128 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 46.5  | 37.6  | 56.4   |
| 71       | 43.5  | 35.0  | 52.4   |



#30  
Chloroform  
Concen: 51.235 ug/l  
RT: 5.089 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 322868 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.6  | 52.2  | 78.2   |





#31

Cyclohexane

Concen: 50.069 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

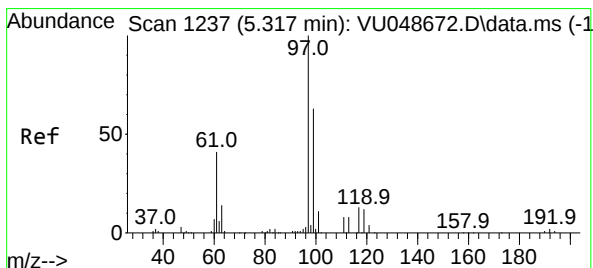
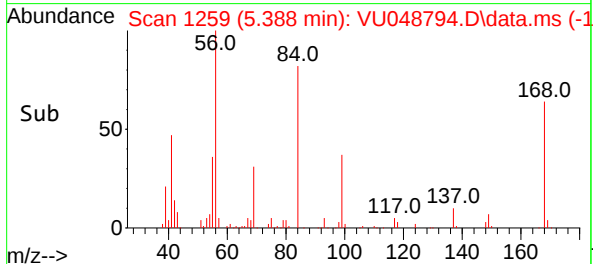
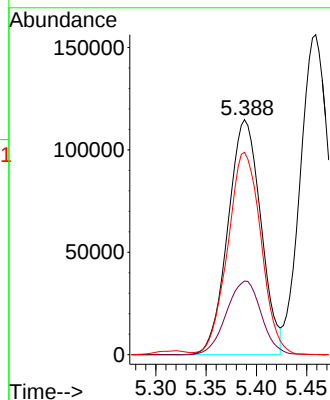
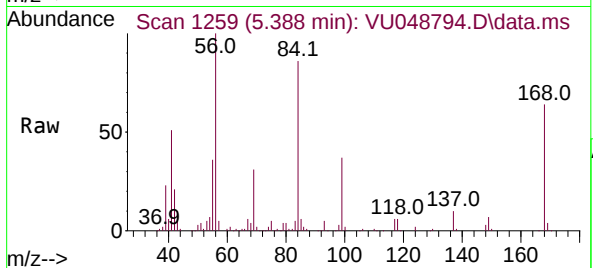
MSVOA\_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 261327

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 31.3  | 25.6  | 38.4  |
| 84  | 84.6  | 66.2  | 99.4  |



#32

1,1,1-Trichloroethane

Concen: 47.660 ug/l

RT: 5.317 min Scan# 1237

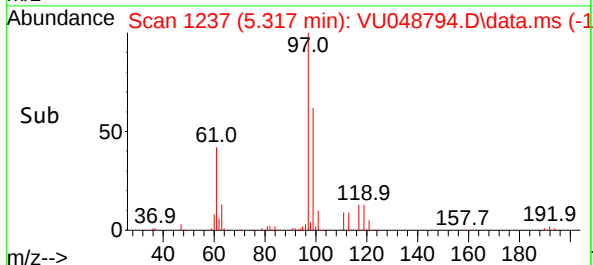
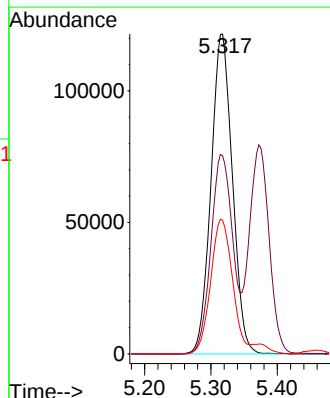
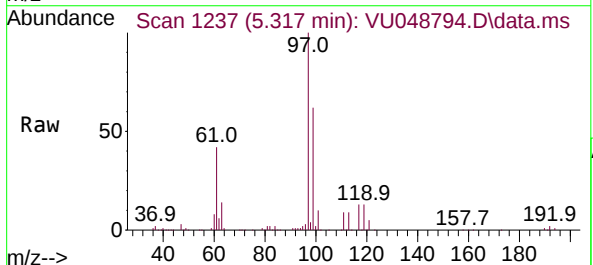
Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Tgt Ion: 97 Resp: 272479

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.3  | 51.6  | 77.4  |
| 61  | 43.0  | 34.5  | 51.7  |





#33

1,2-Dichloroethane-d4

Concen: 49.157 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

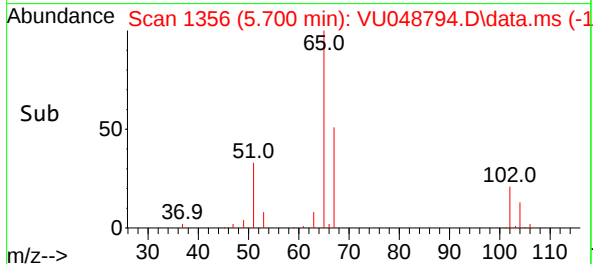
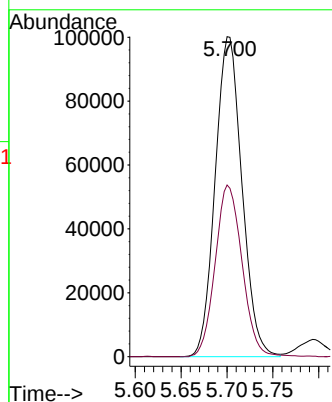
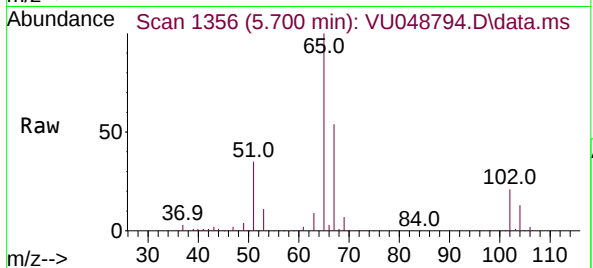
VSTDCCC050EC

Tgt Ion: 65 Resp: 203587

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

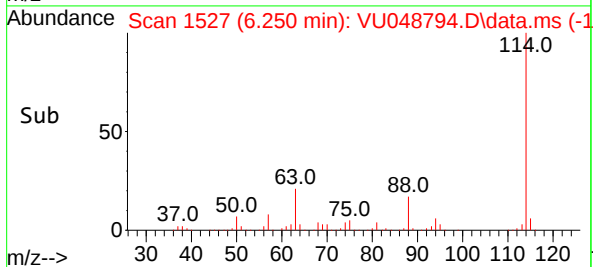
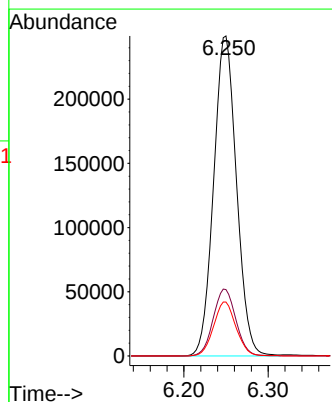
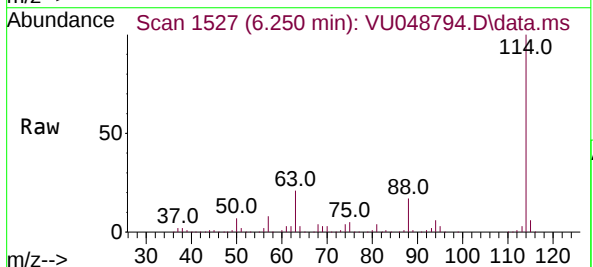
Tgt Ion: 114 Resp: 468751

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 16.8 0.0 32.2

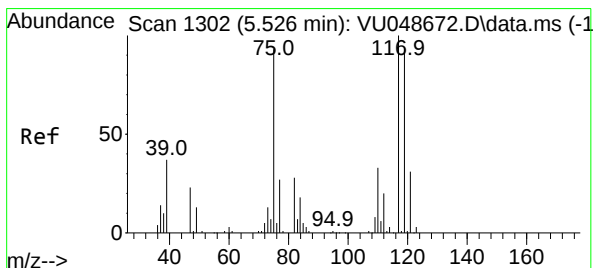
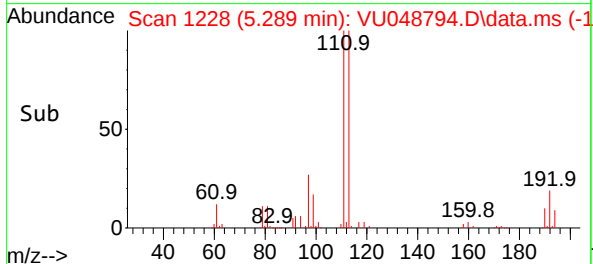
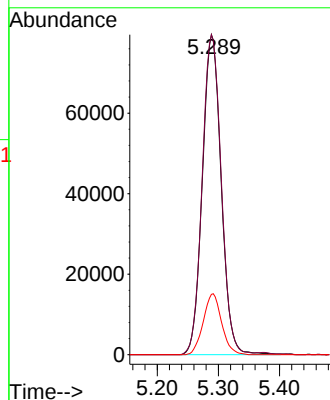
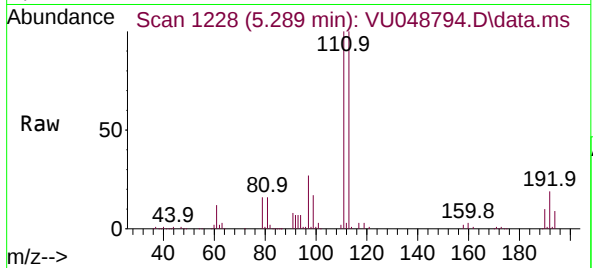




#35  
Dibromofluoromethane  
Concen: 50.779 ug/l  
RT: 5.289 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

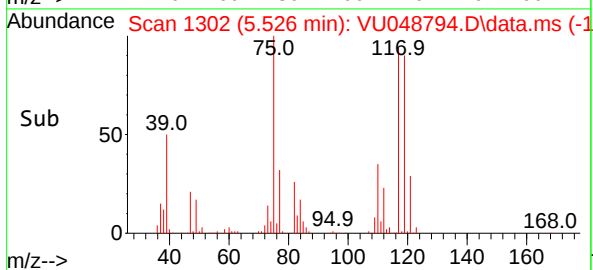
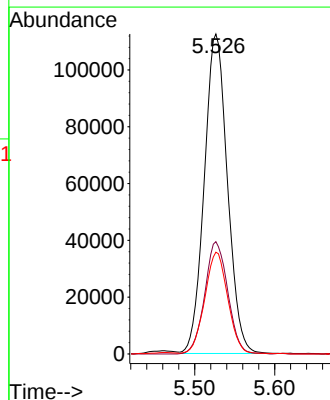
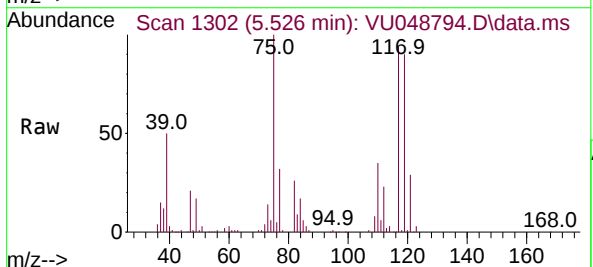
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

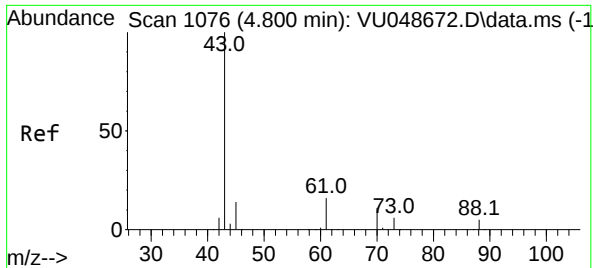
Tgt Ion:113 Resp: 169815  
Ion Ratio Lower Upper  
113 100  
111 101.1 80.7 121.1  
192 18.6 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 46.431 ug/l  
RT: 5.526 min Scan# 1302  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 75 Resp: 226621  
Ion Ratio Lower Upper  
75 100  
110 35.0 17.4 52.3  
77 31.5 24.8 37.2

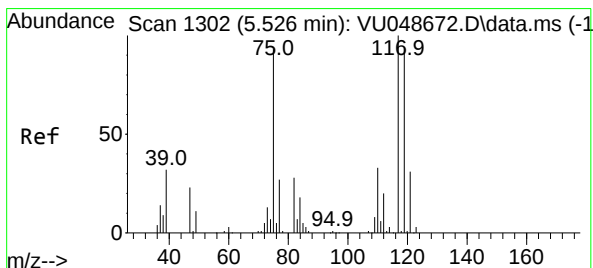
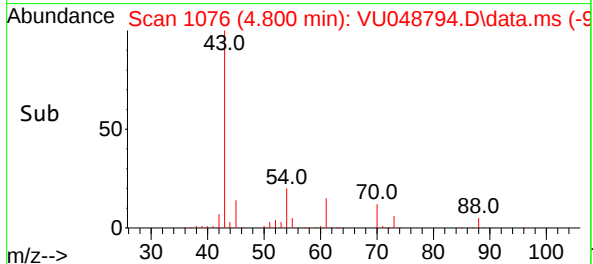
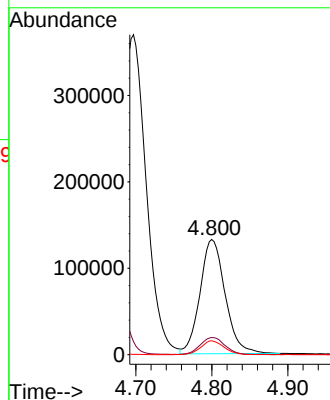
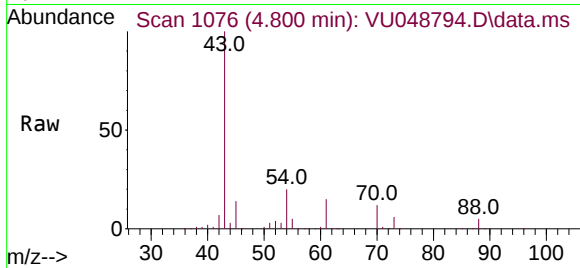




#37  
Ethyl Acetate  
Concen: 49.276 ug/l  
RT: 4.800 min Scan# 1076  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

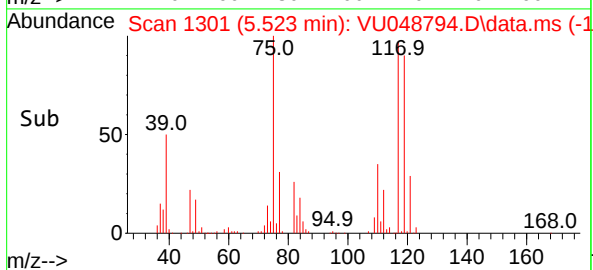
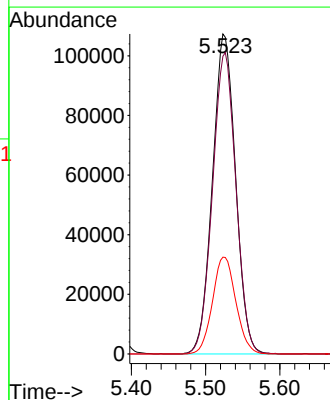
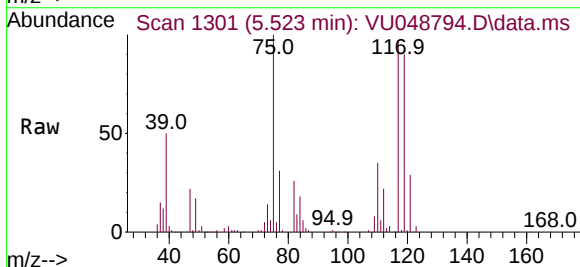
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 304041  
Ion Ratio Lower Upper  
43 100  
61 14.5 11.7 17.5  
70 11.3 8.4 12.6



#38  
Carbon Tetrachloride  
Concen: 41.438 ug/l  
RT: 5.523 min Scan# 1301  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 117 Resp: 232035  
Ion Ratio Lower Upper  
117 100  
119 93.0 75.4 113.2  
121 30.2 24.6 36.8





#39

Methylcyclohexane

Concen: 49.734 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

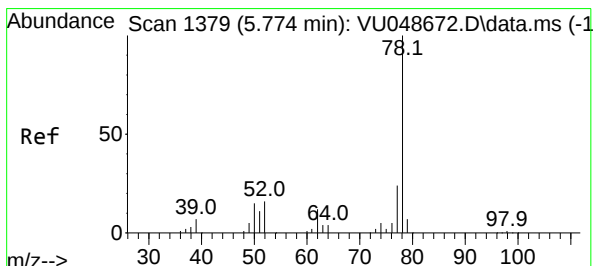
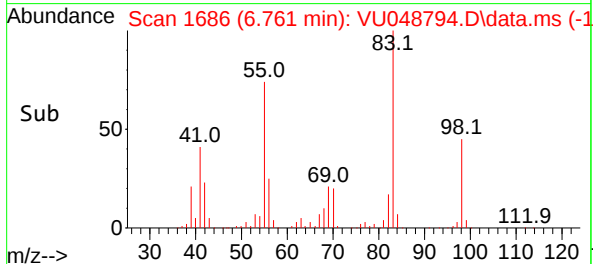
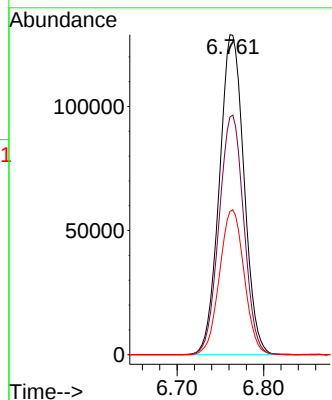
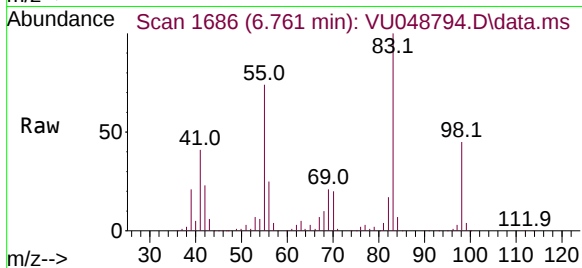
Tgt Ion: 83 Resp: 254518

Ion Ratio Lower Upper

83 100

55 74.3 61.0 91.6

98 44.8 36.8 55.2



#40

Benzene

Concen: 47.297 ug/l

RT: 5.774 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VU048794.D

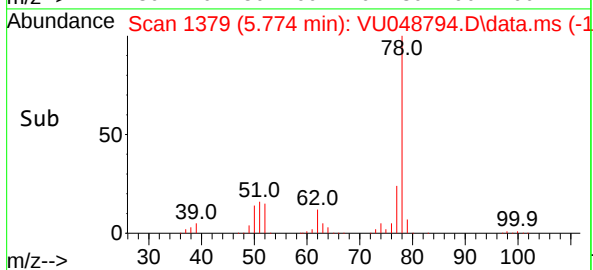
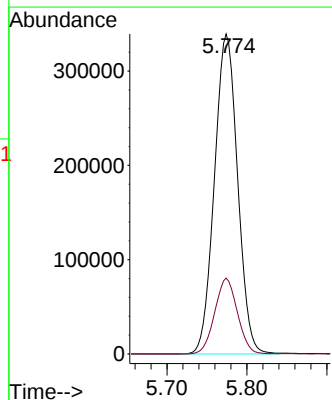
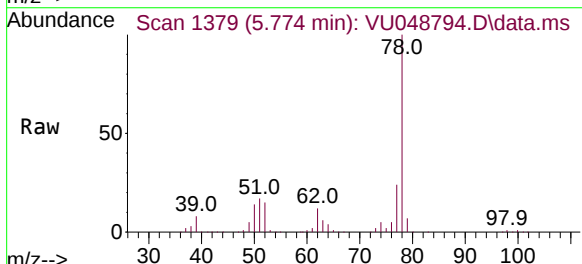
Acq: 01 Jun 2022 20:51

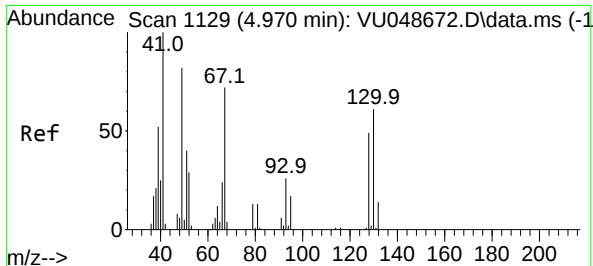
Tgt Ion: 78 Resp: 681523

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

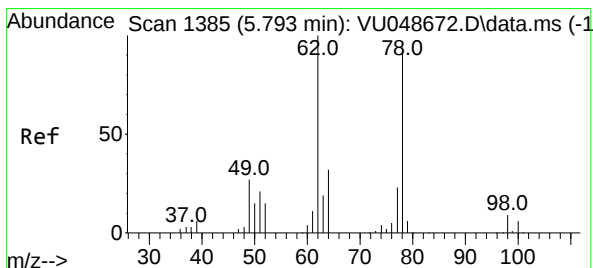
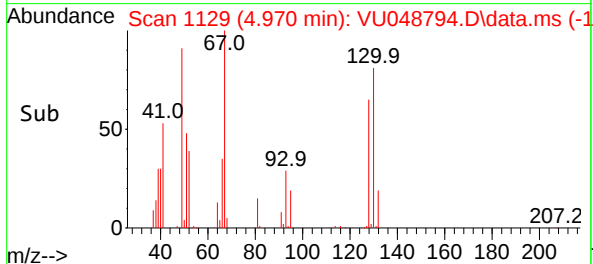
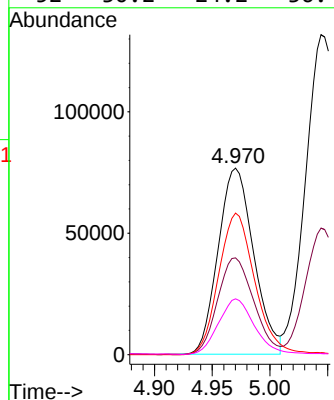
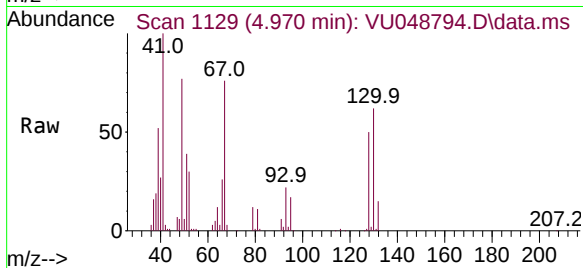




#41  
Methacrylonitrile  
Concen: 52.774 ug/l  
RT: 4.970 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

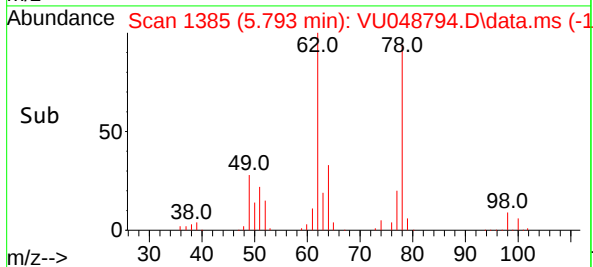
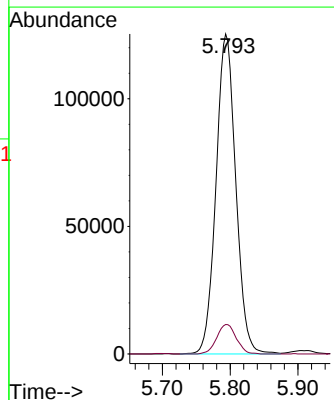
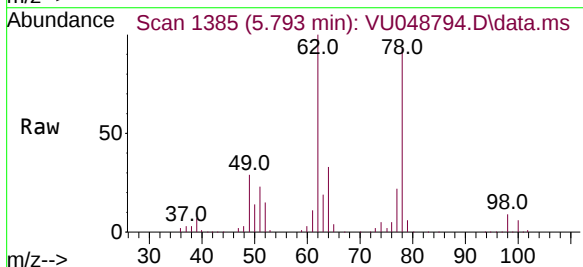
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

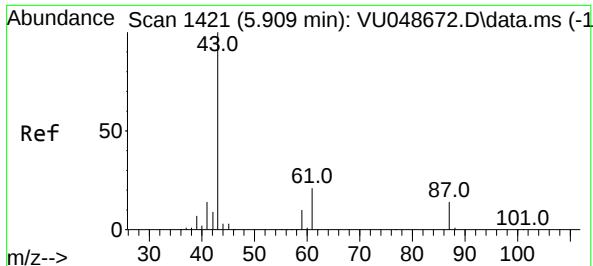
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 164551 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 52.7  | 42.6  | 64.0   |
| 67       | 78.2  | 61.0  | 91.4   |
| 52       | 30.2  | 24.2  | 36.4   |



#42  
1,2-Dichloroethane  
Concen: 44.980 ug/l  
RT: 5.793 min Scan# 1385  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 253717 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.1   | 0.0   | 17.0   |





#43

Isopropyl Acetate

Concen: 50.829 ug/l

RT: 5.909 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

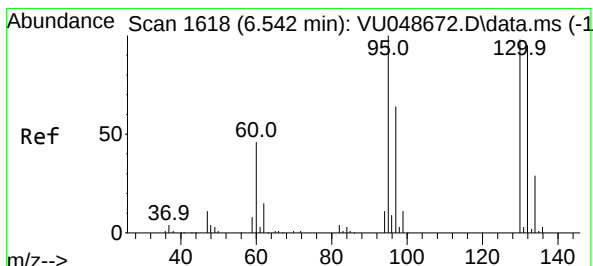
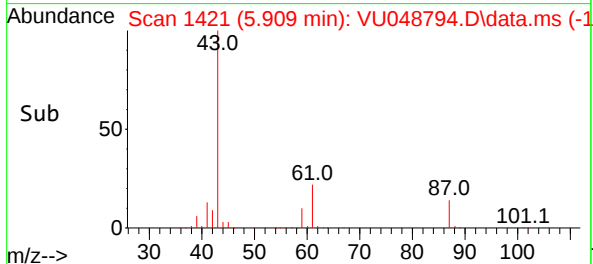
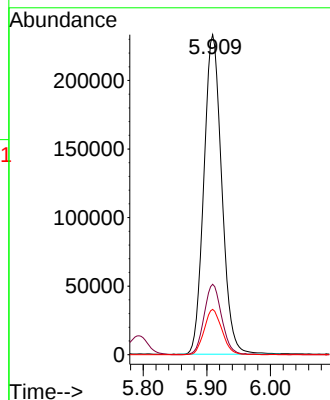
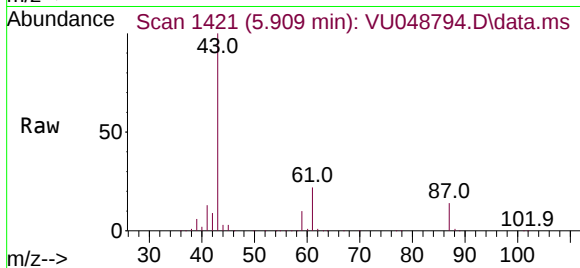
Tgt Ion: 43 Resp: 455197

Ion Ratio Lower Upper

43 100

61 21.7 16.7 25.1

87 14.1 10.9 16.3



#44

Trichloroethene

Concen: 47.642 ug/l

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU048794.D

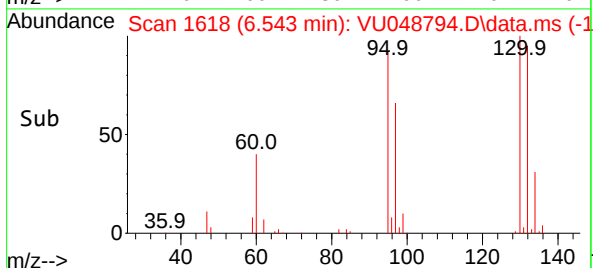
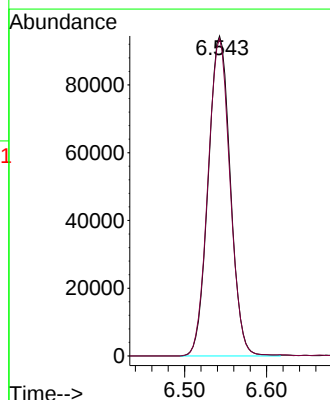
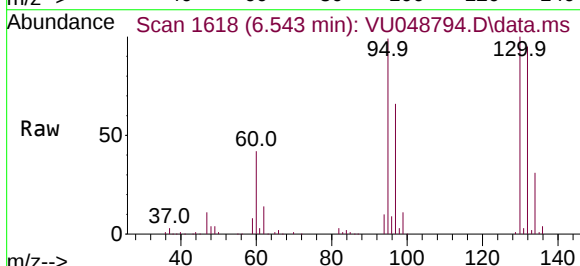
Acq: 01 Jun 2022 20:51

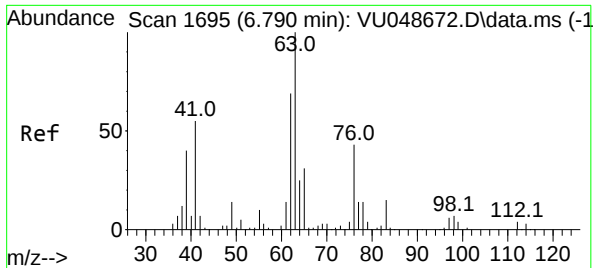
Tgt Ion: 130 Resp: 176864

Ion Ratio Lower Upper

130 100

95 99.2 0.0 204.8





#45

1,2-Dichloropropane

Concen: 53.278 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

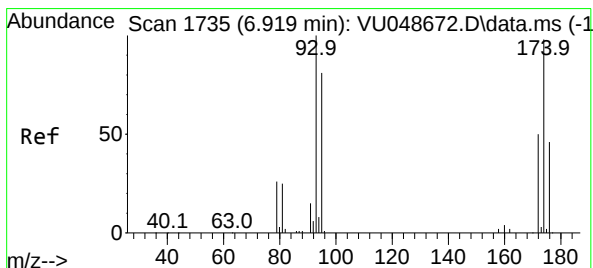
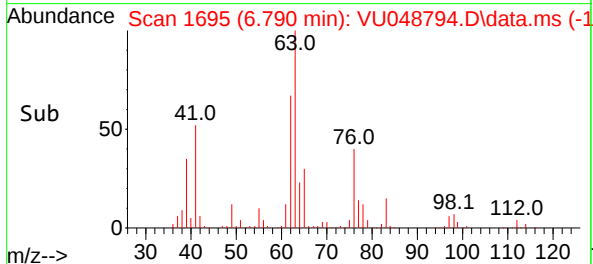
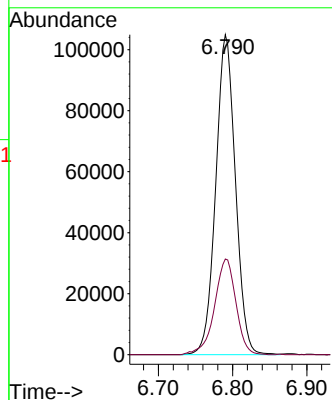
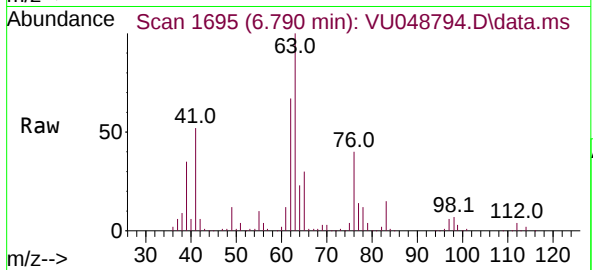
VSTDCCC050EC

Tgt Ion: 63 Resp: 193271

Ion Ratio Lower Upper

63 100

65 29.9 24.8 37.2



#46

Dibromomethane

Concen: 47.508 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

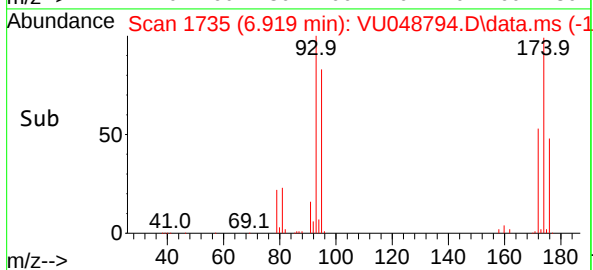
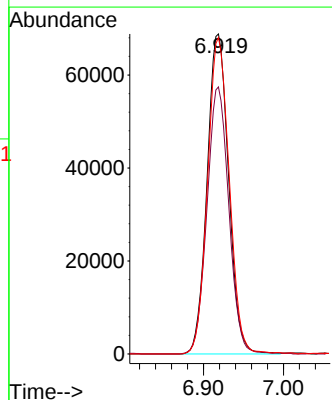
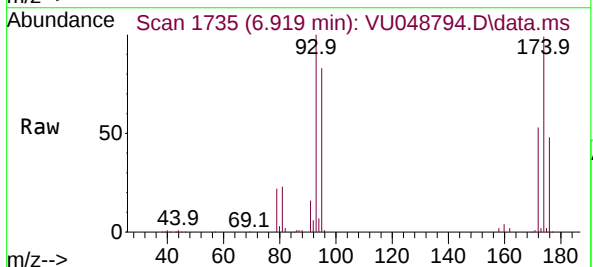
Tgt Ion: 93 Resp: 128757

Ion Ratio Lower Upper

93 100

95 84.7 65.1 97.7

174 99.4 77.8 116.6

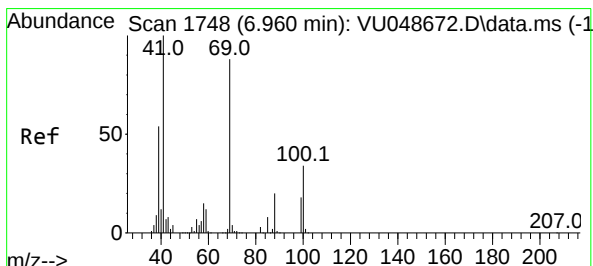
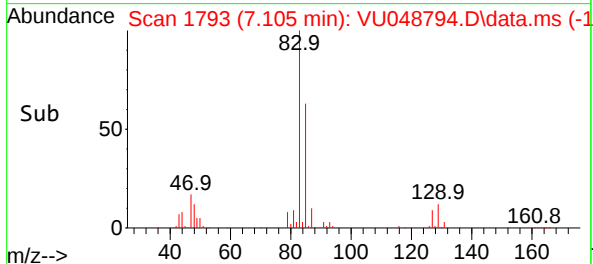
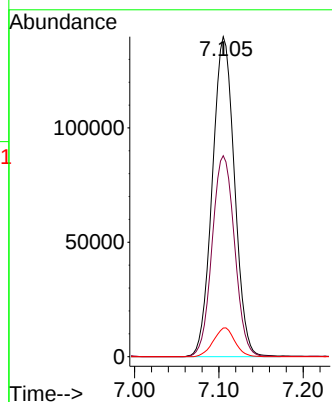
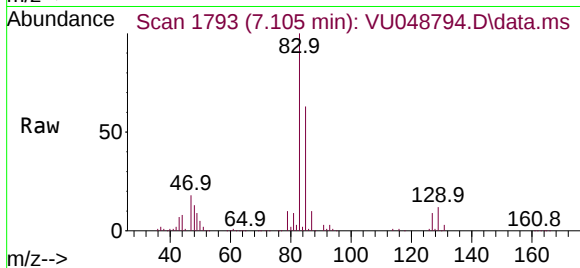




#47  
Bromodichloromethane  
Concen: 46.616 ug/l  
RT: 7.105 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

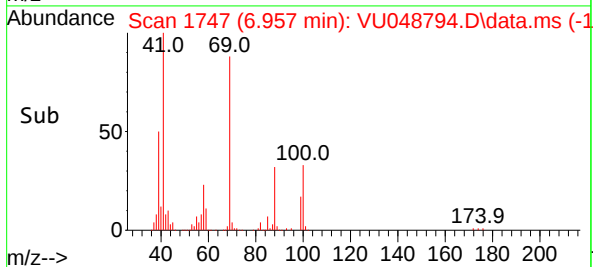
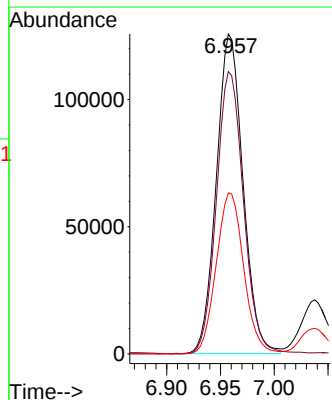
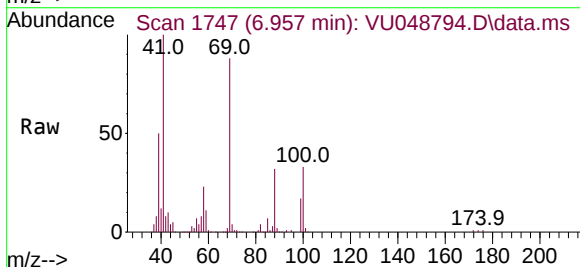
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

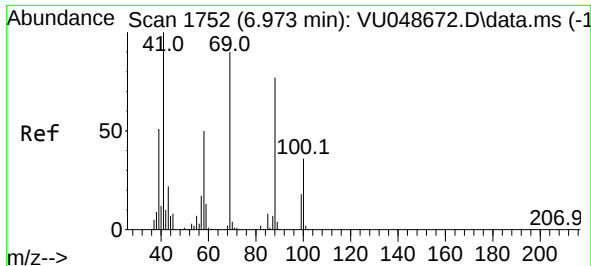
Tgt Ion: 83 Resp: 255493  
Ion Ratio Lower Upper  
83 100  
85 62.8 52.1 78.1  
127 8.9 6.9 10.3



#48  
Methyl methacrylate  
Concen: 53.930 ug/l  
RT: 6.957 min Scan# 1747  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 41 Resp: 216815  
Ion Ratio Lower Upper  
41 100  
69 89.9 70.7 106.1  
39 51.7 43.4 65.2





#49

1,4-Dioxane

Concen: 896.335 ug/l

RT: 6.960 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

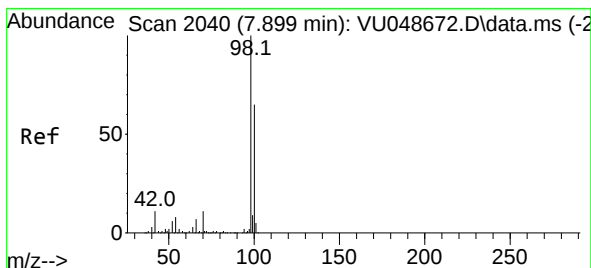
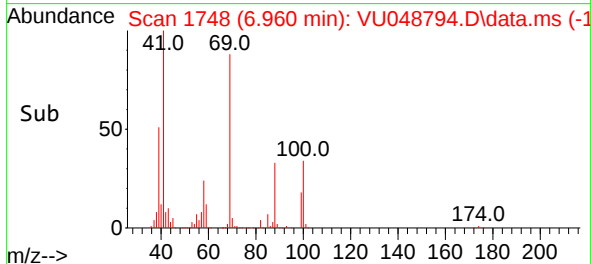
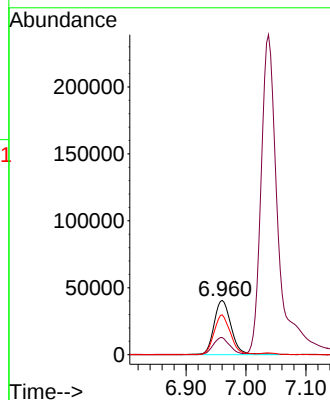
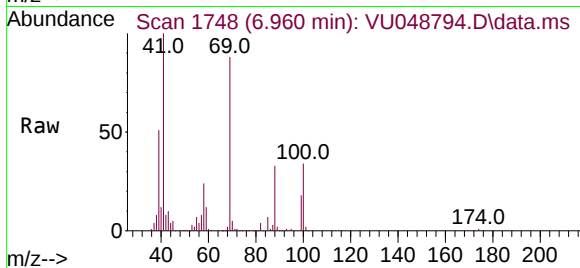
Tgt Ion: 88 Resp: 80555

Ion Ratio Lower Upper

88 100

43 30.1 24.6 36.8

58 70.5 54.7 82.1



#50

Toluene-d8

Concen: 50.263 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU048794.D

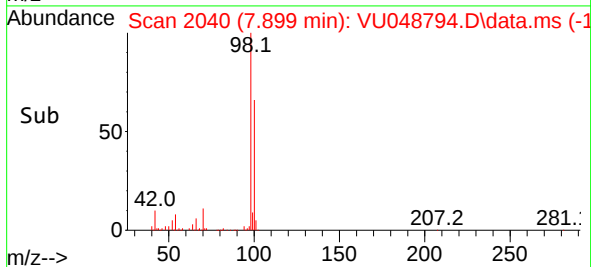
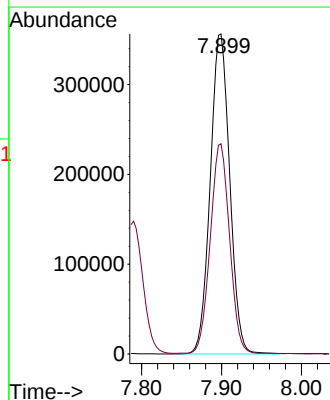
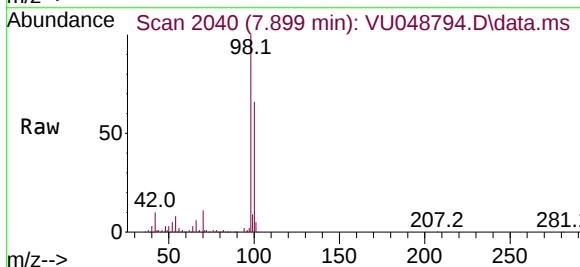
Acq: 01 Jun 2022 20:51

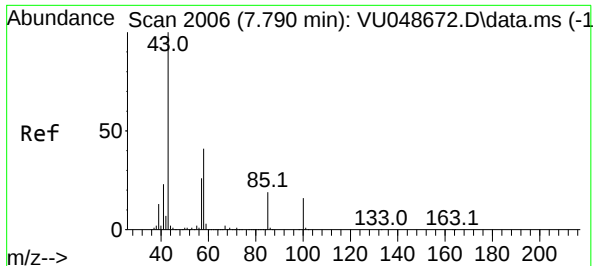
Tgt Ion: 98 Resp: 602537

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 274.302 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

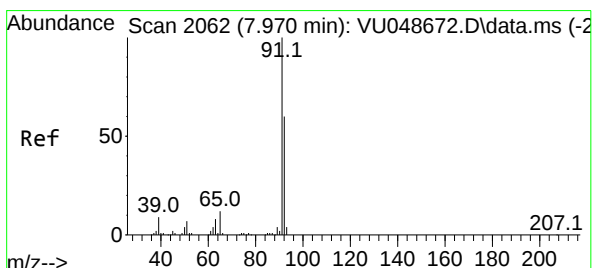
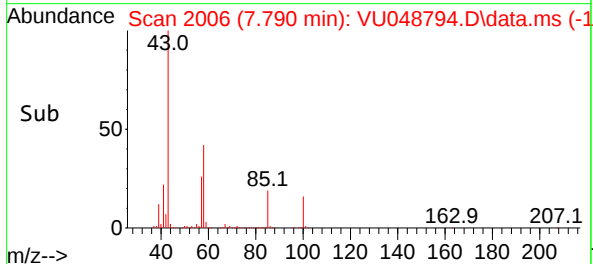
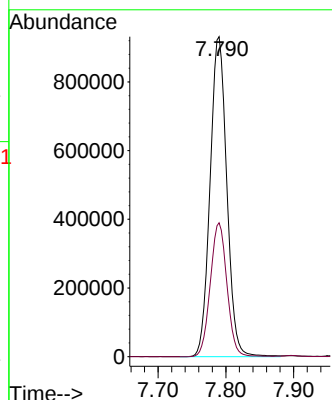
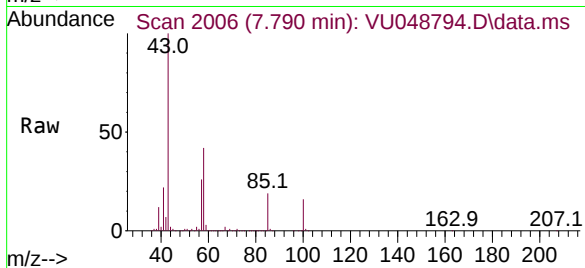
VSTDCCC050EC

Tgt Ion: 43 Resp: 1595064

Ion Ratio Lower Upper

43 100

58 41.7 32.7 49.1



#52

Toluene

Concen: 50.325 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048794.D

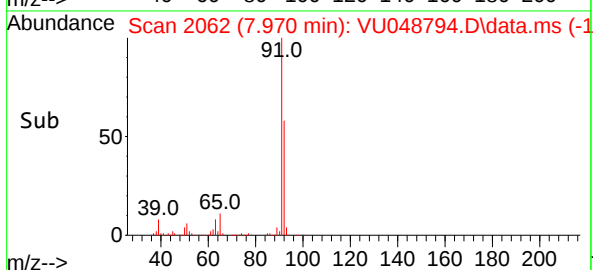
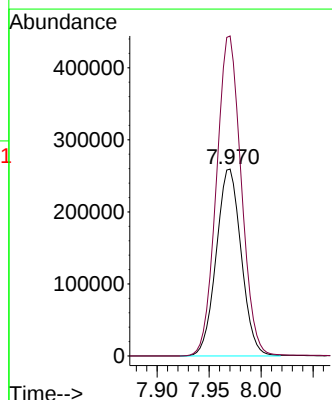
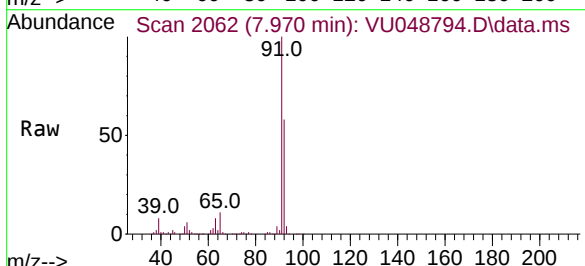
Acq: 01 Jun 2022 20:51

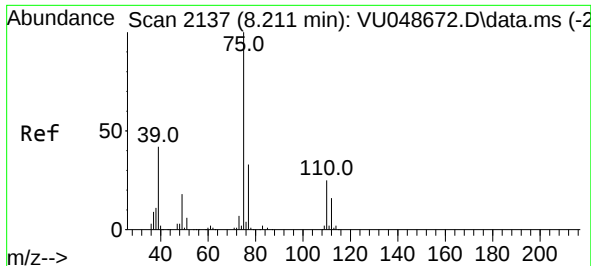
Tgt Ion: 92 Resp: 433754

Ion Ratio Lower Upper

92 100

91 171.3 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 48.498 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

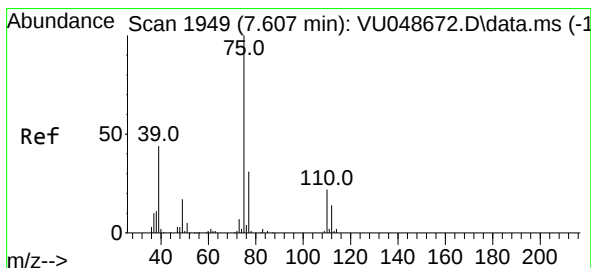
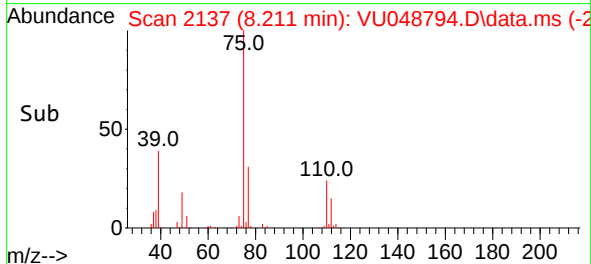
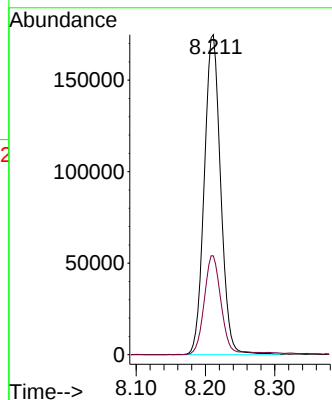
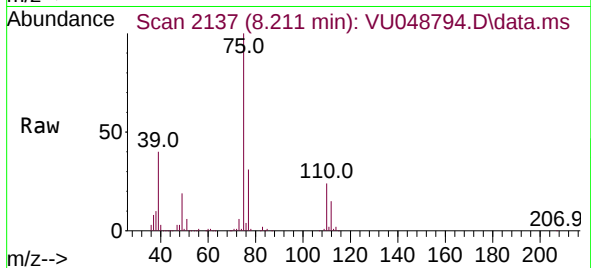
VSTDCCC050EC

Tgt Ion: 75 Resp: 286735

Ion Ratio Lower Upper

75 100

77 30.8 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 50.034 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

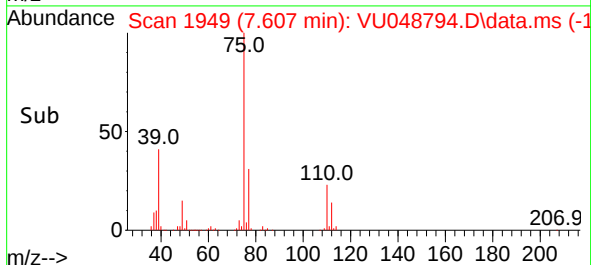
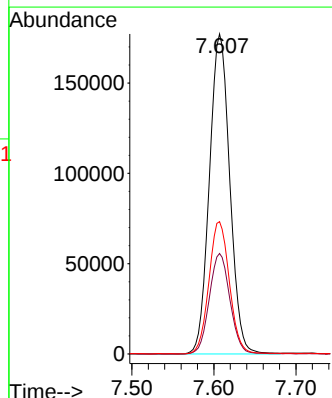
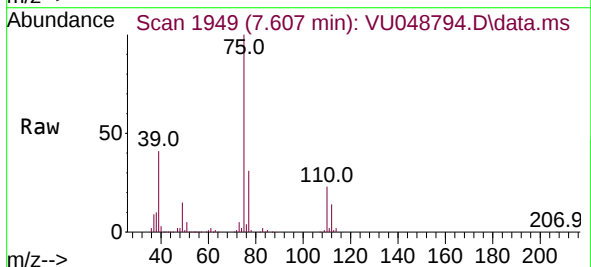
Tgt Ion: 75 Resp: 306535

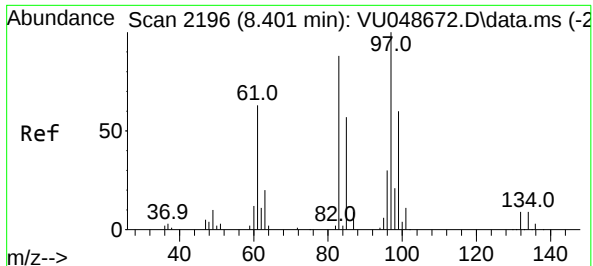
Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3

39 41.3 35.2 52.8

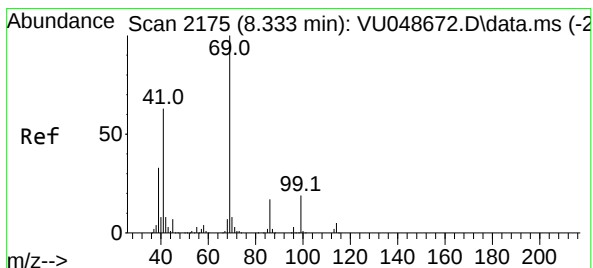
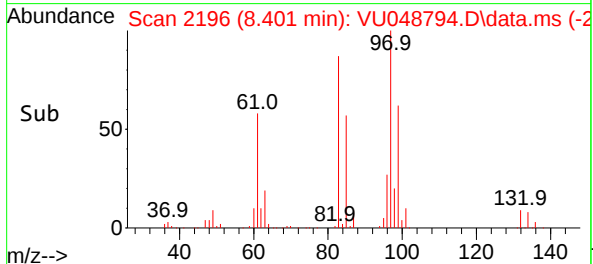
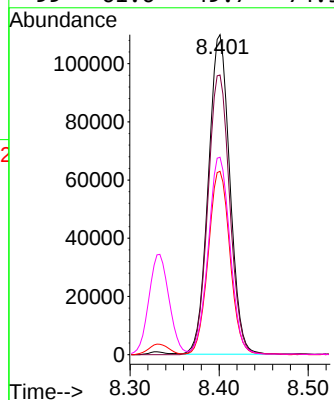
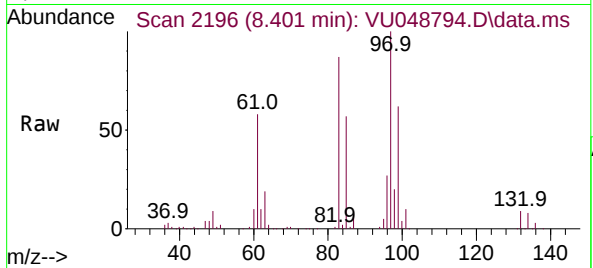




#55  
1,1,2-Trichloroethane  
Concen: 48.331 ug/l  
RT: 8.401 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

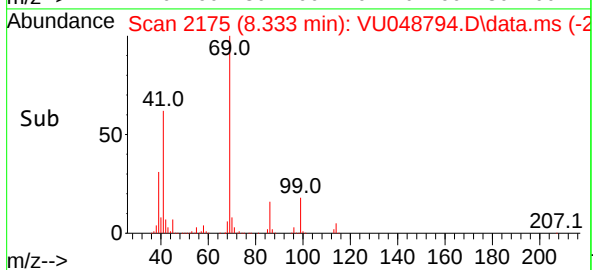
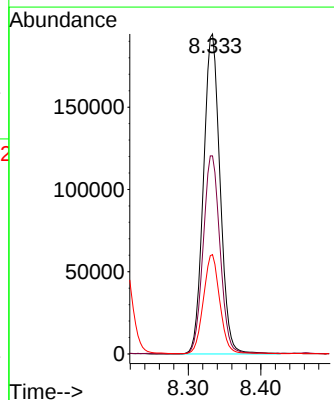
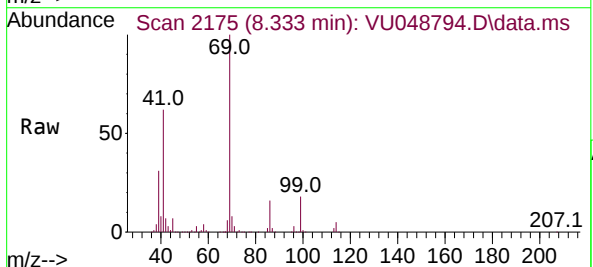
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

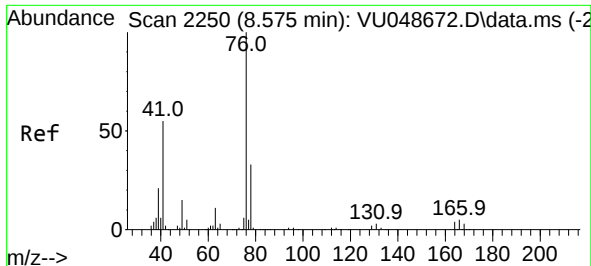
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 183846 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 87.5  | 70.2  | 105.4  |
| 85       | 57.2  | 45.6  | 68.4   |
| 99       | 61.6  | 49.7  | 74.5   |



#56  
Ethyl methacrylate  
Concen: 51.423 ug/l  
RT: 8.333 min Scan# 2175  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 309570 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 62.5  | 50.6  | 76.0   |
| 39       | 30.4  | 26.6  | 40.0   |





#57

1,3-Dichloropropane

Concen: 49.200 ug/l

RT: 8.575 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

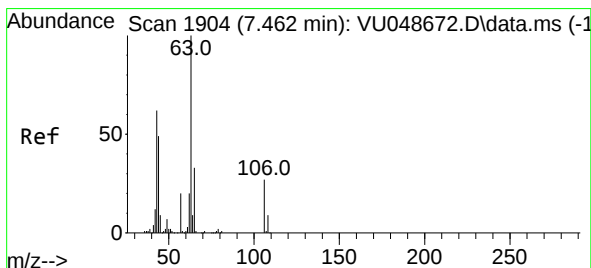
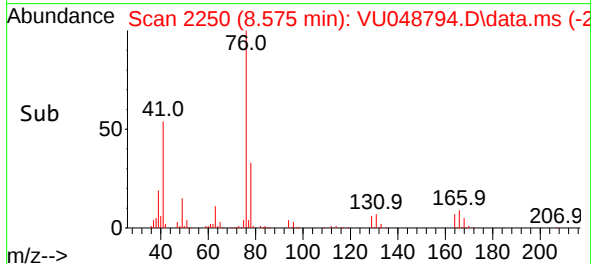
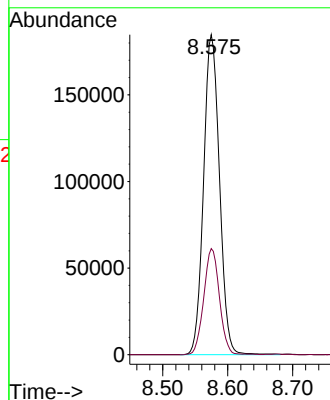
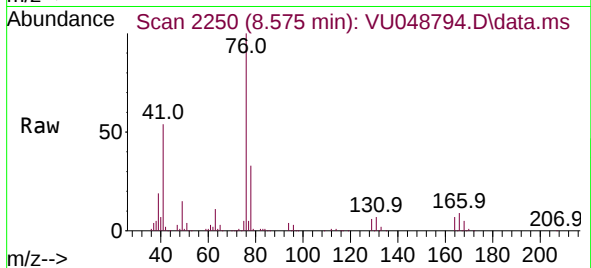
VSTDCCC050EC

Tgt Ion: 76 Resp: 314986

Ion Ratio Lower Upper

76 100

78 32.7 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 230.644 ug/l

RT: 7.462 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VU048794.D

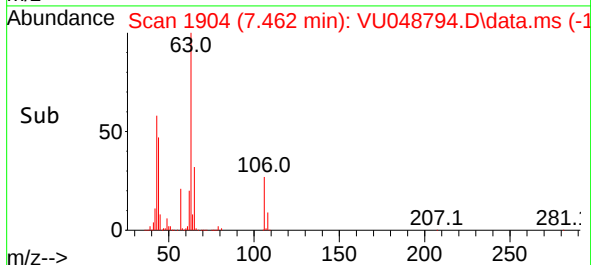
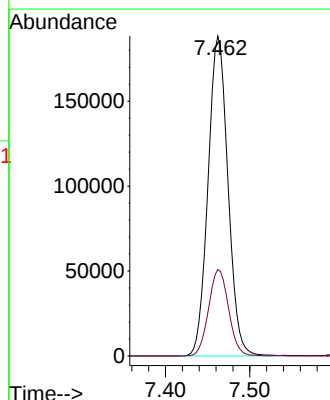
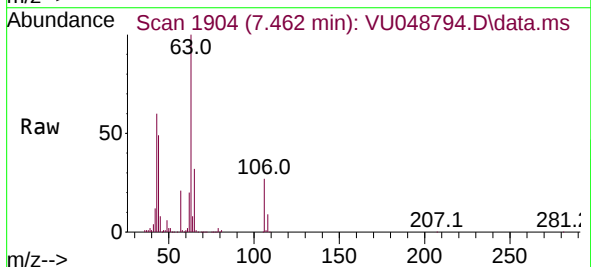
Acq: 01 Jun 2022 20:51

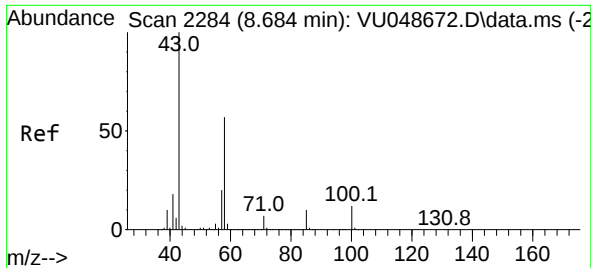
Tgt Ion: 63 Resp: 309918

Ion Ratio Lower Upper

63 100

106 27.0 22.2 33.2

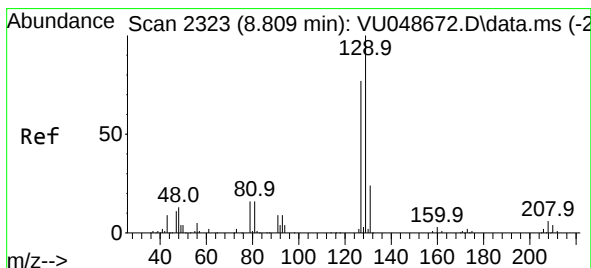
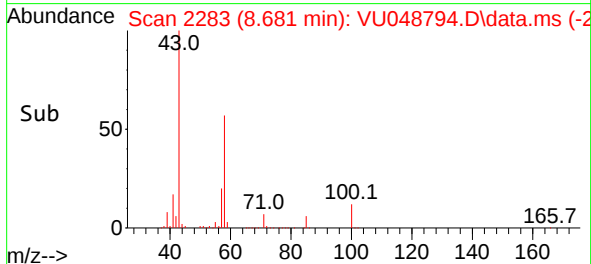
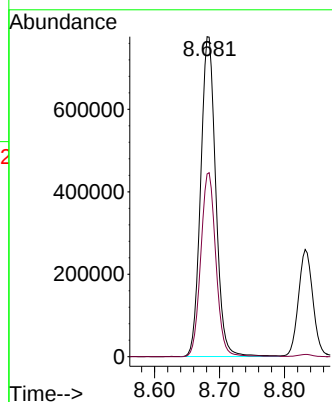
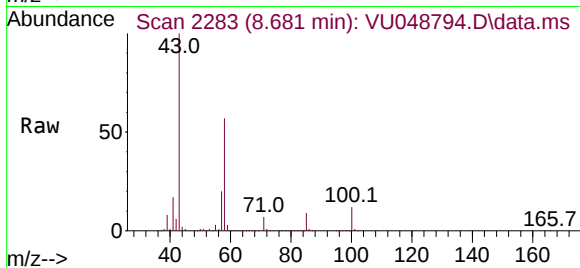




#59  
2-Hexanone  
Concen: 262.793 ug/l  
RT: 8.681 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

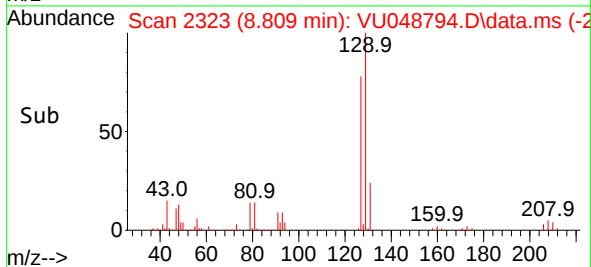
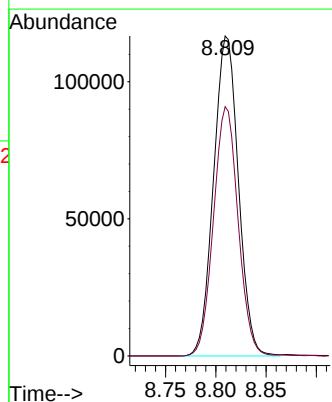
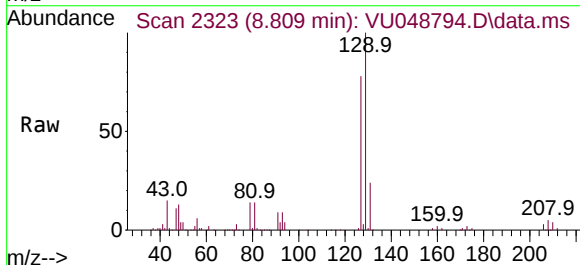
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 1254557  
Ion Ratio Lower Upper  
43 100  
58 57.8 28.2 84.6



#60  
Dibromochloromethane  
Concen: 47.027 ug/l  
RT: 8.809 min Scan# 2323  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 129 Resp: 200523  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.5 115.3

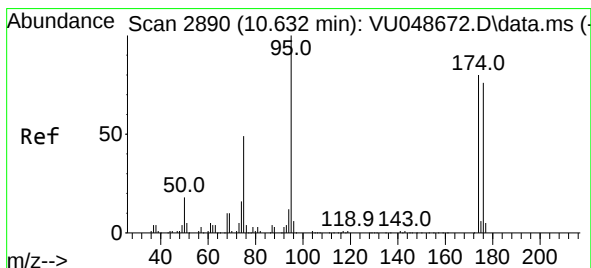
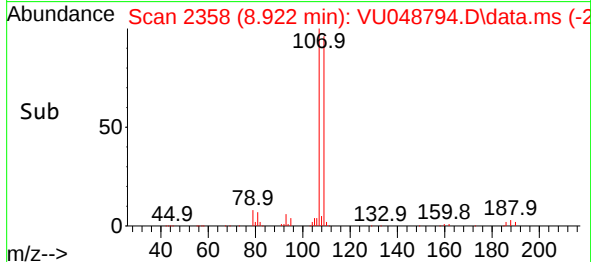
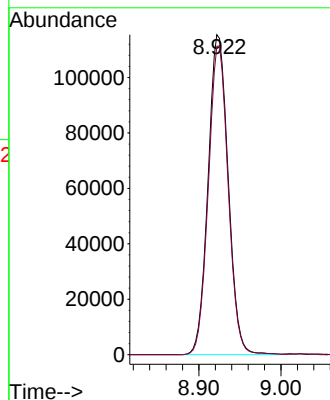
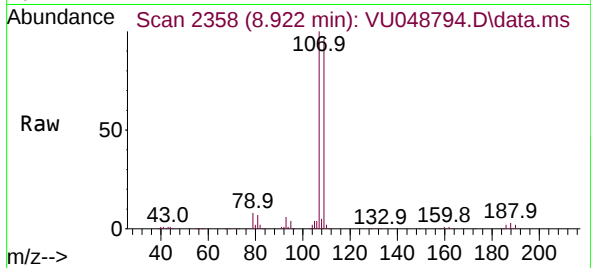




#61  
1,2-Dibromoethane  
Concen: 46.964 ug/l  
RT: 8.922 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

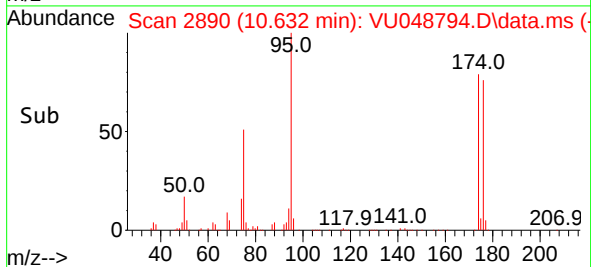
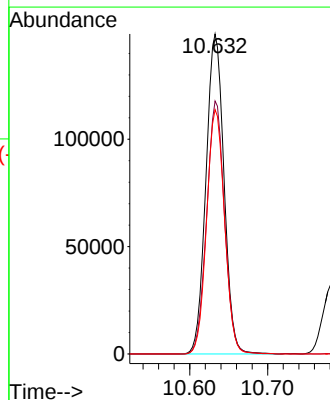
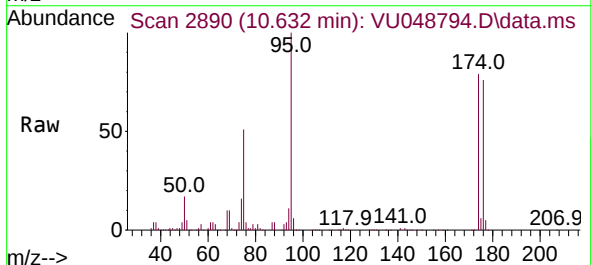
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

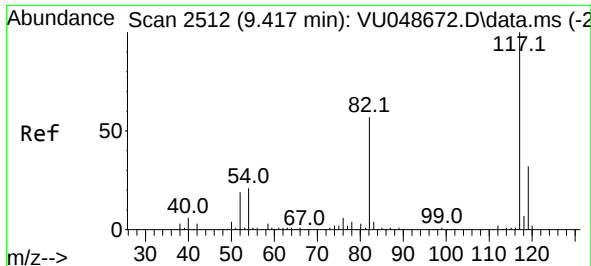
Tgt Ion:107 Resp: 196740  
Ion Ratio Lower Upper  
107 100  
109 95.0 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 52.828 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 95 Resp: 239503  
Ion Ratio Lower Upper  
95 100  
174 78.4 0.0 159.4  
176 75.9 0.0 152.4

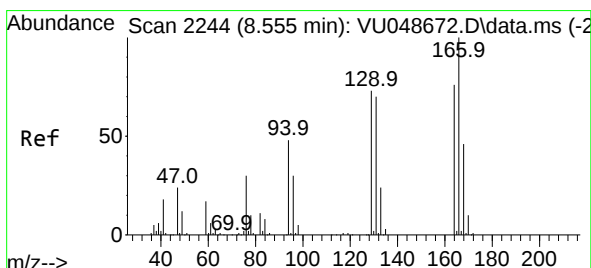
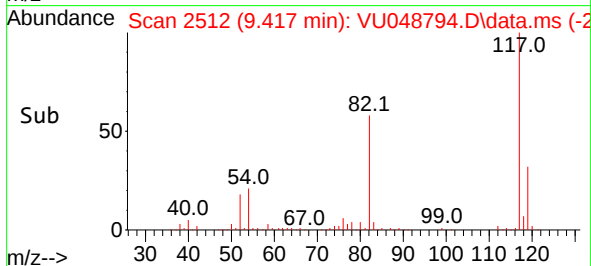
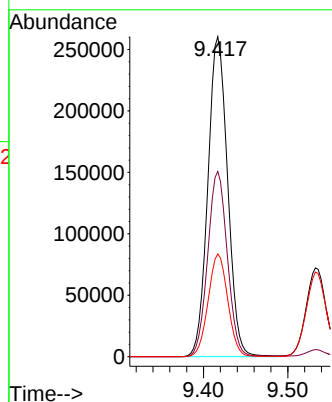
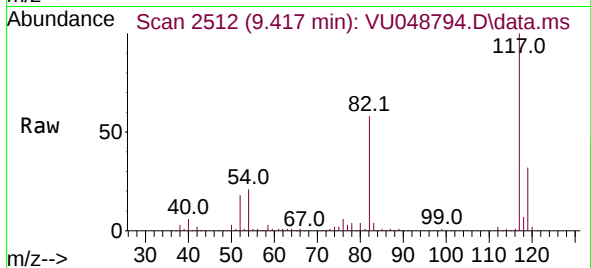




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.417 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

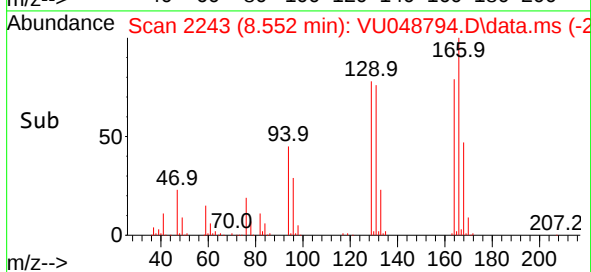
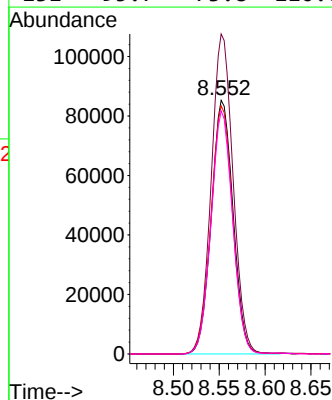
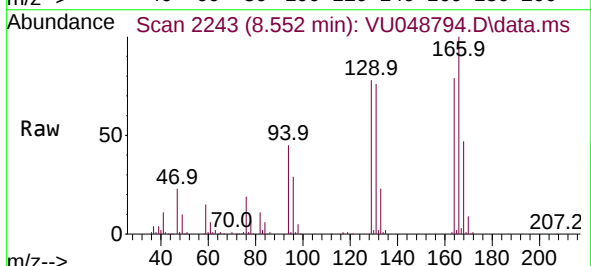
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

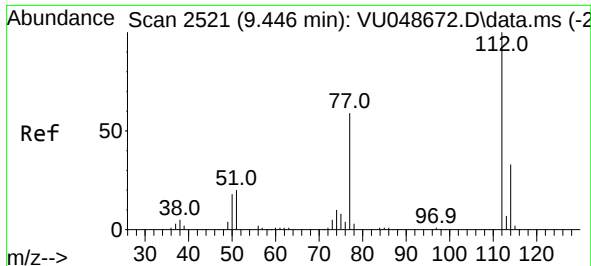
Tgt Ion:117 Resp: 424703  
Ion Ratio Lower Upper  
117 100  
82 57.9 45.3 67.9  
119 32.1 25.4 38.2



#64  
Tetrachloroethene  
Concen: 47.793 ug/l  
RT: 8.552 min Scan# 2243  
Delta R.T. -0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion:164 Resp: 141092  
Ion Ratio Lower Upper  
164 100  
166 126.2 105.0 157.4  
129 97.9 76.5 114.7  
131 95.7 73.8 110.6

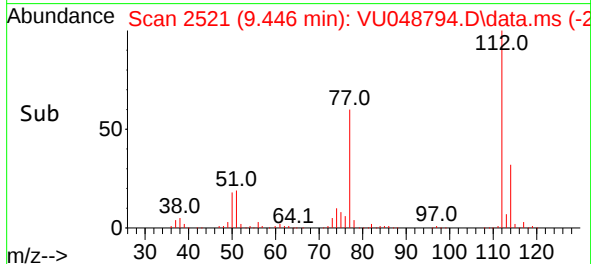
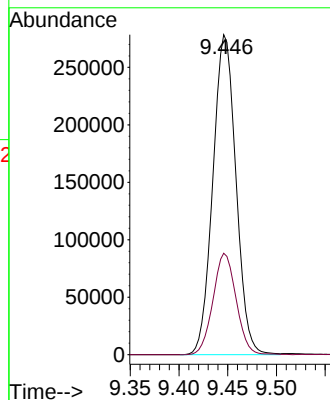
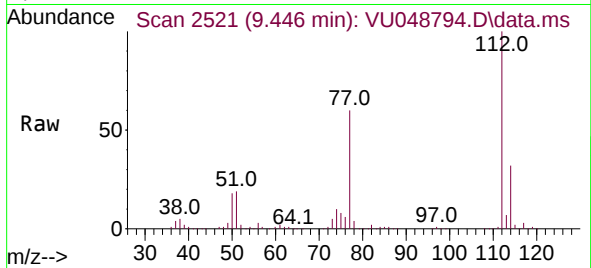




#65  
Chlorobenzene  
Concen: 51.157 ug/l  
RT: 9.446 min Scan# 2521  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

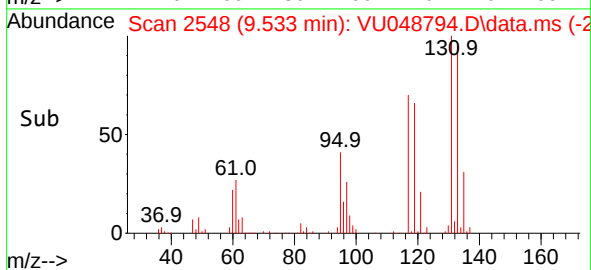
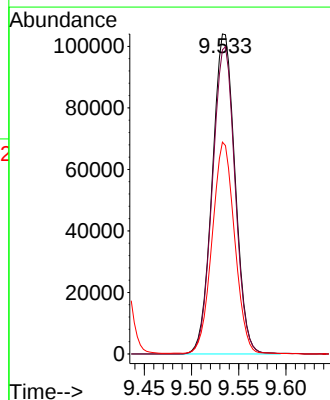
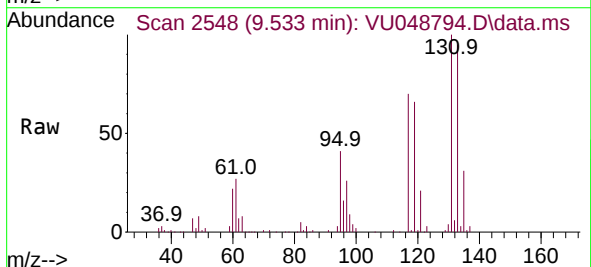
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

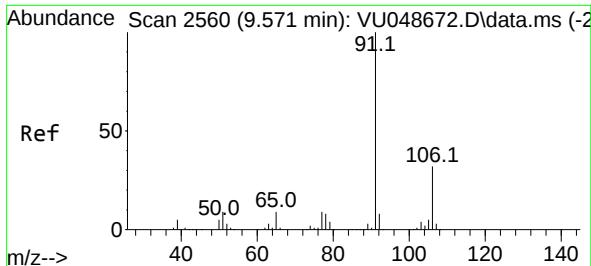
Tgt Ion:112 Resp: 459515  
Ion Ratio Lower Upper  
112 100  
114 31.7 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.253 ug/l  
RT: 9.533 min Scan# 2548  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion:131 Resp: 174750  
Ion Ratio Lower Upper  
131 100  
133 95.3 48.5 145.5  
119 65.6 32.7 98.1





#67

Ethyl Benzene

Concen: 55.457 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

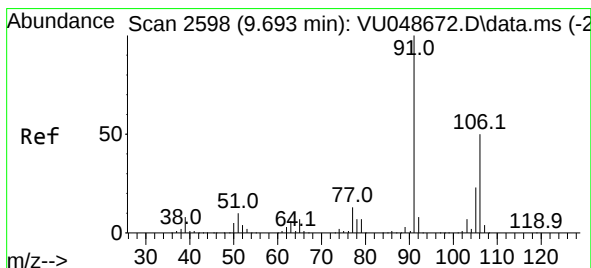
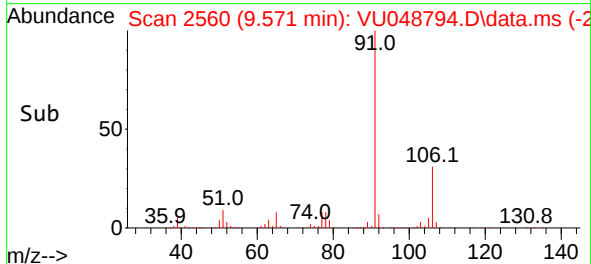
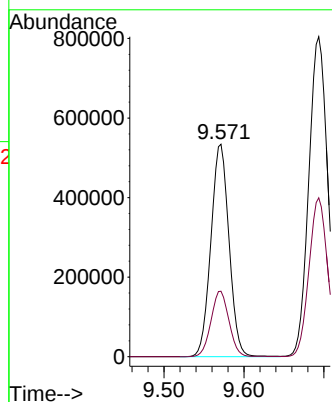
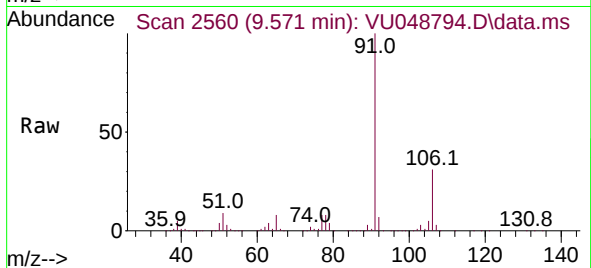
VSTDCCC050EC

Tgt Ion: 91 Resp: 840171

Ion Ratio Lower Upper

91 100

106 30.8 25.4 38.2



#68

m/p-Xylenes

Concen: 110.423 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU048794.D

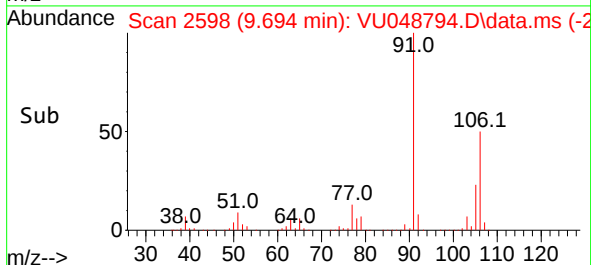
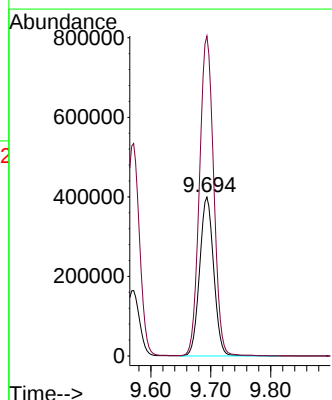
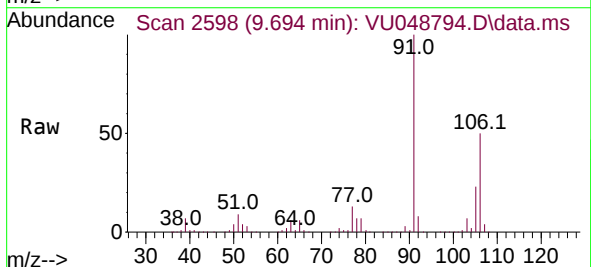
Acq: 01 Jun 2022 20:51

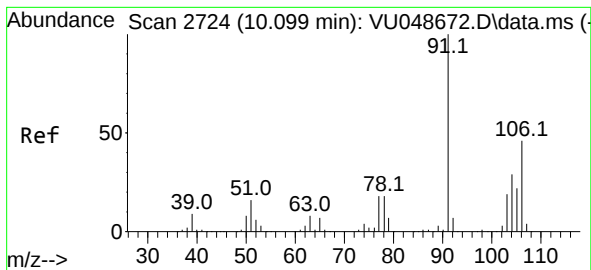
Tgt Ion: 106 Resp: 654287

Ion Ratio Lower Upper

106 100

91 202.1 162.4 243.6

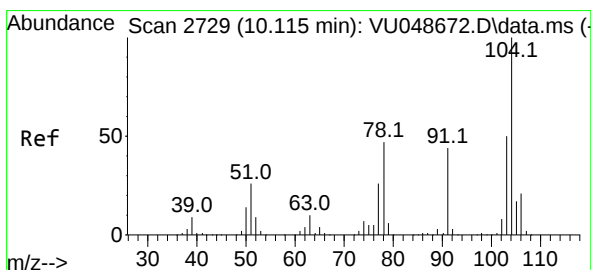
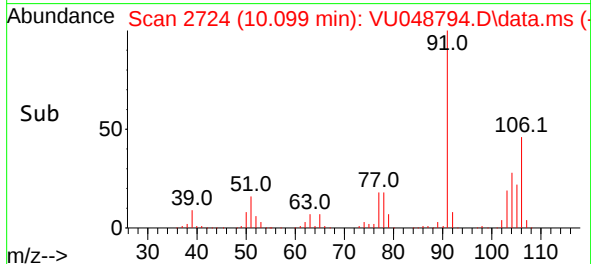
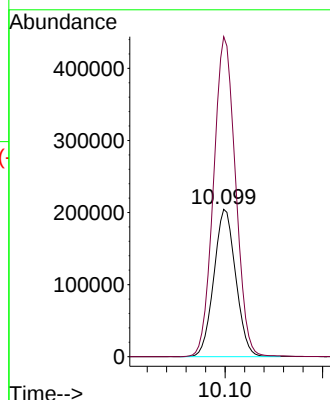
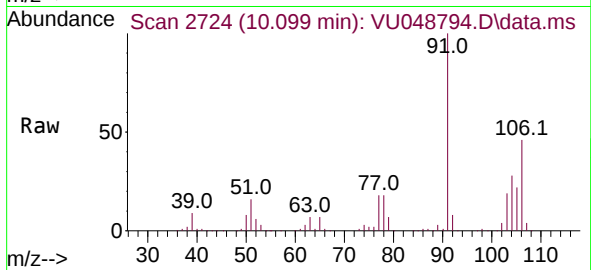




#69  
o-Xylene  
Concen: 54.777 ug/l  
RT: 10.099 min Scan# 2724  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

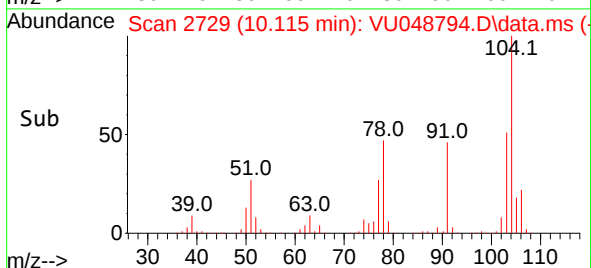
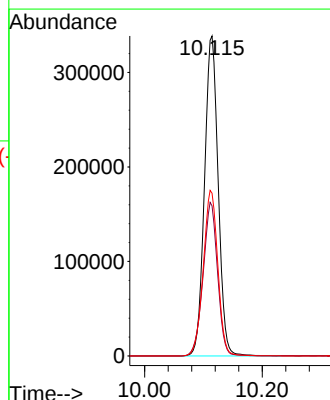
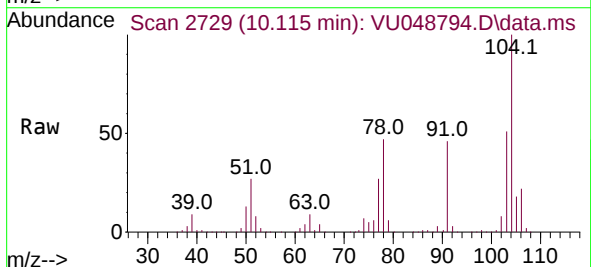
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

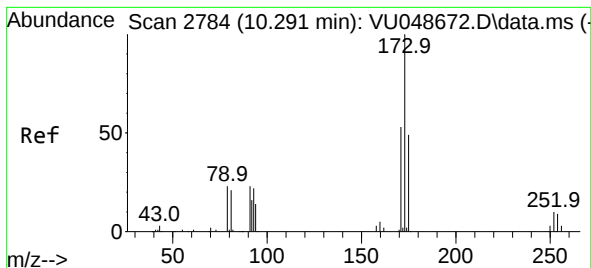
Tgt Ion:106 Resp: 318878  
Ion Ratio Lower Upper  
106 100  
91 218.6 107.7 323.3



#70  
Styrene  
Concen: 57.145 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. -0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion:104 Resp: 547172  
Ion Ratio Lower Upper  
104 100  
78 50.7 41.2 61.8  
103 55.1 43.4 65.2





#71

Bromoform

Concen: 50.930 ug/l

RT: 10.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

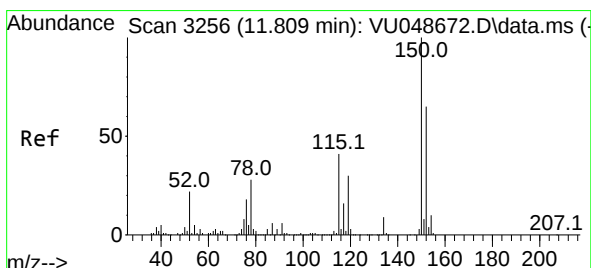
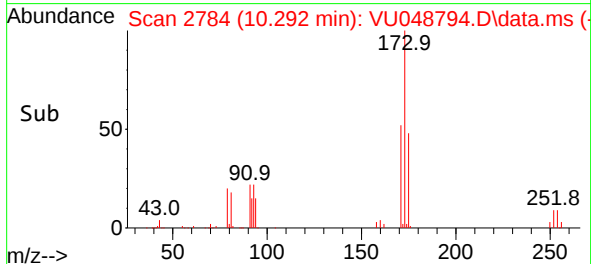
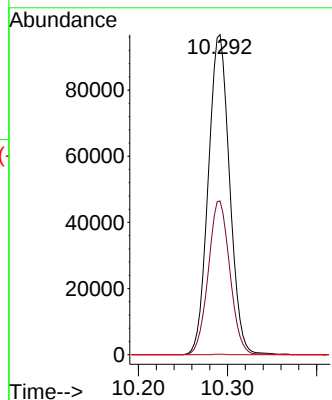
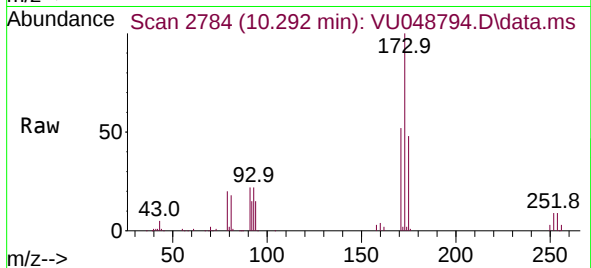
Tgt Ion:173 Resp: 160552

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.003 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

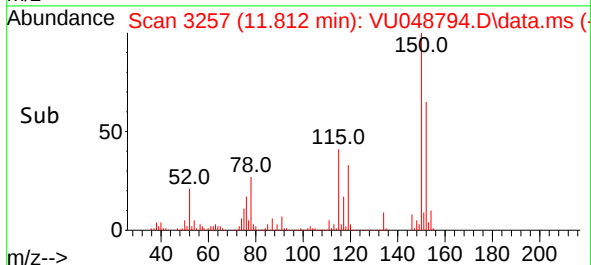
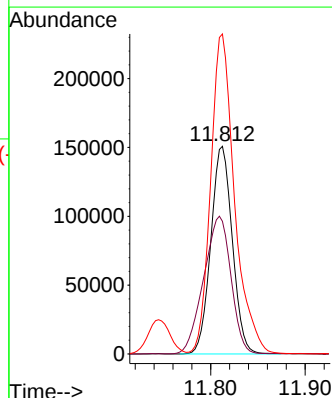
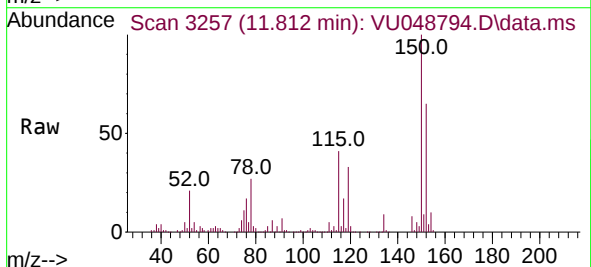
Tgt Ion:152 Resp: 238178

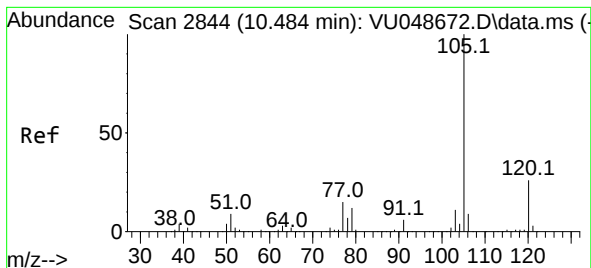
Ion Ratio Lower Upper

152 100

115 83.9 41.8 125.4

150 171.2 0.0 341.0





#73

Isopropylbenzene

Concen: 54.732 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

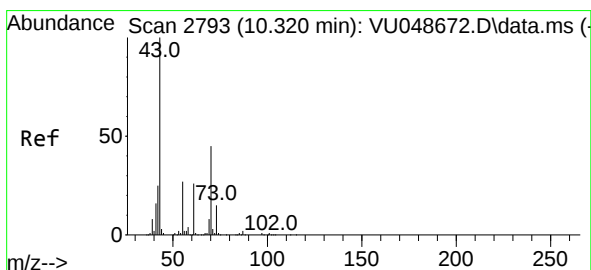
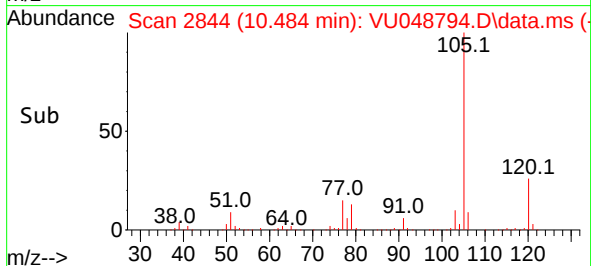
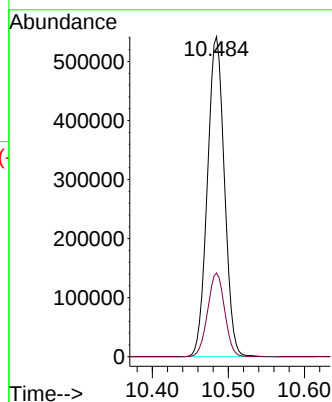
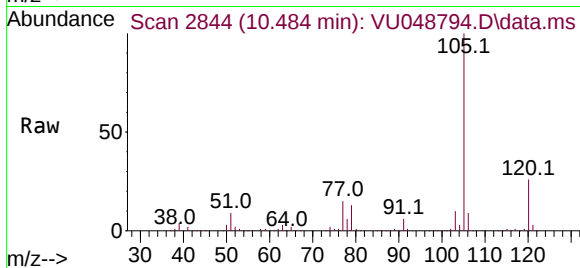
VSTDCCC050EC

Tgt Ion:105 Resp: 841595

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.6



#74

N-ethyl acetate

Concen: 50.915 ug/l

RT: 10.317 min Scan# 2792

Delta R.T. -0.003 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Tgt Ion: 43 Resp: 396729

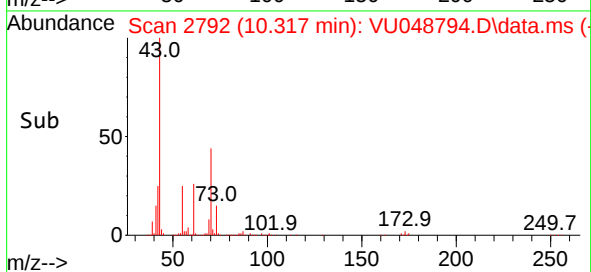
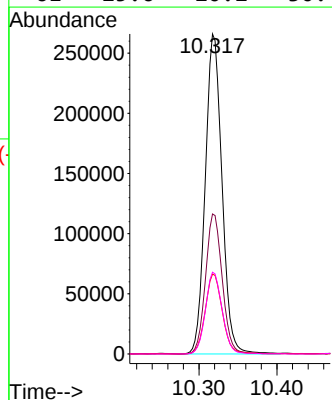
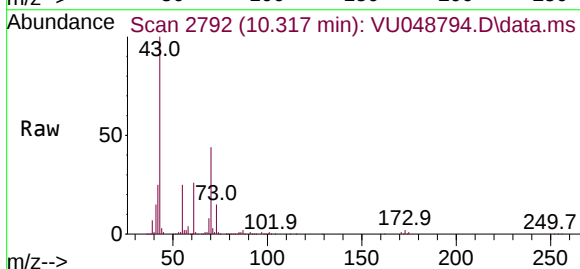
Ion Ratio Lower Upper

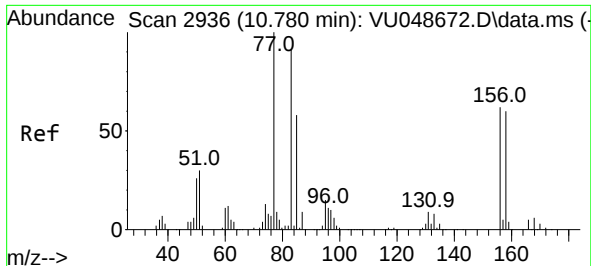
43 100

70 43.9 35.8 53.6

55 25.6 21.1 31.7

61 25.6 20.2 30.4

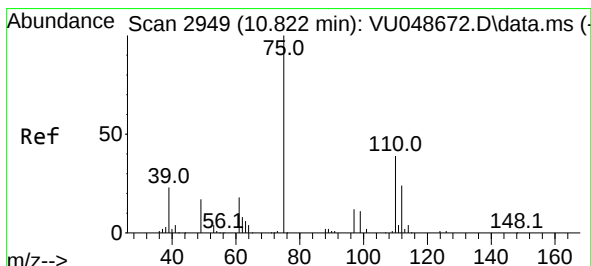
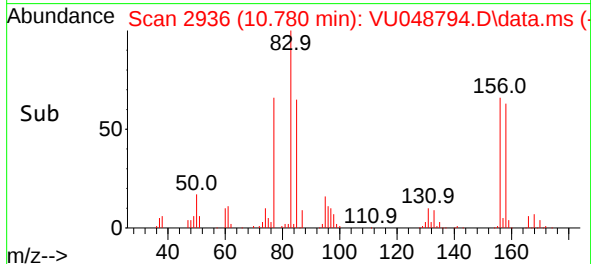
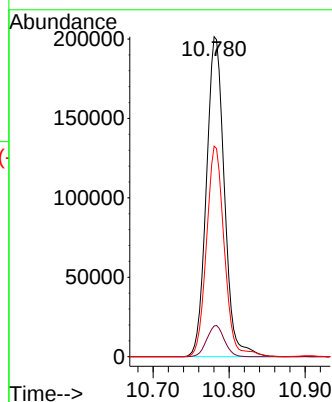
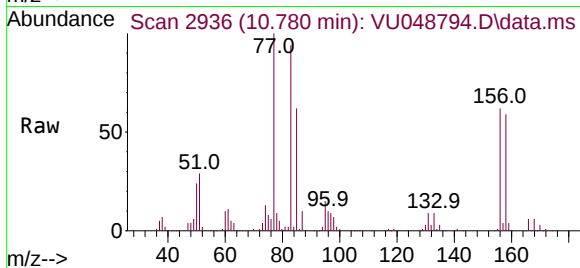




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 52.805 ug/l  
 RT: 10.780 min Scan# 2936  
 Delta R.T. 0.000 min  
 Lab File: VU048794.D  
 Acq: 01 Jun 2022 20:51

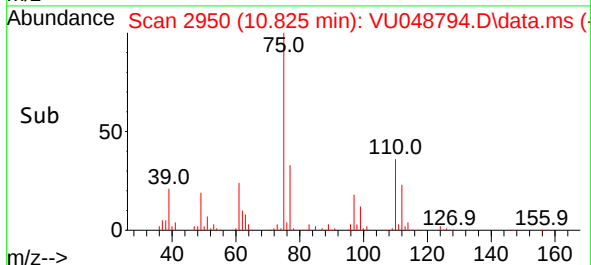
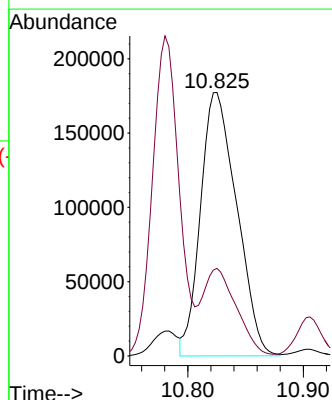
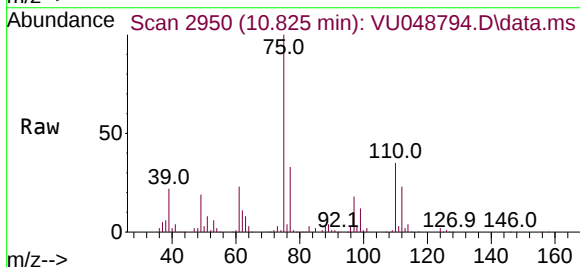
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

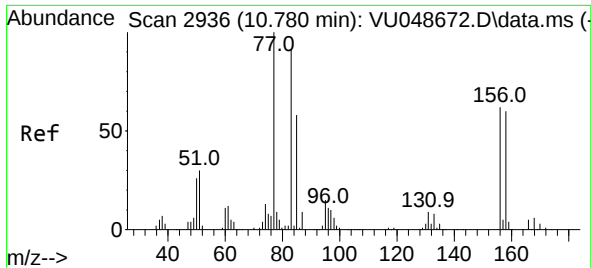
Tgt Ion: 83 Resp: 331353  
 Ion Ratio Lower Upper  
 83 100  
 131 9.5 5.2 15.6  
 85 65.3 32.5 97.4



#76  
 1,2,3-Trichloropropane  
 Concen: 50.294 ug/l  
 RT: 10.825 min Scan# 2950  
 Delta R.T. 0.003 min  
 Lab File: VU048794.D  
 Acq: 01 Jun 2022 20:51

Tgt Ion: 75 Resp: 386227  
 Ion Ratio Lower Upper  
 75 100  
 77 29.5 14.8 44.3

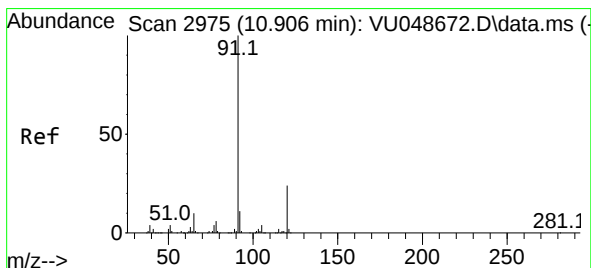
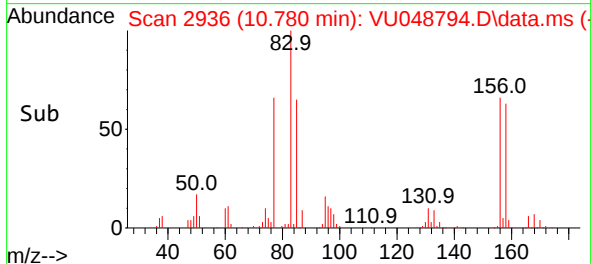
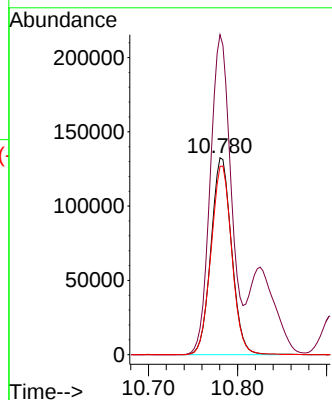
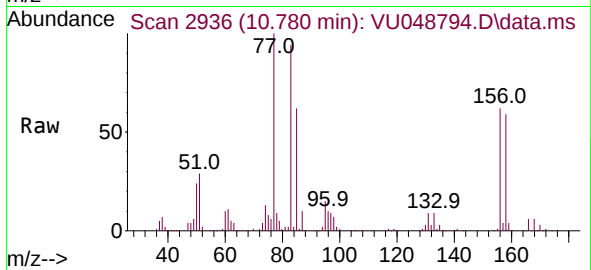




#77  
Bromobenzene  
Concen: 51.434 ug/l  
RT: 10.780 min Scan# 2936  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

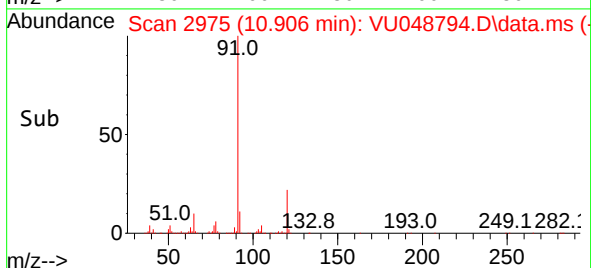
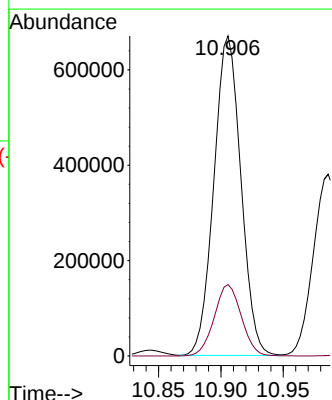
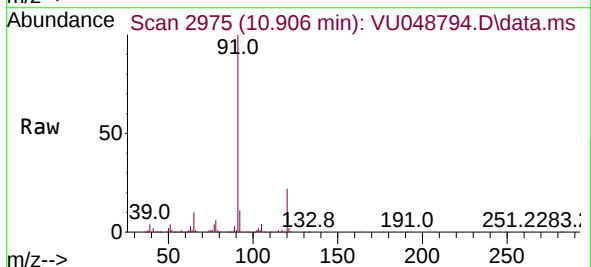
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

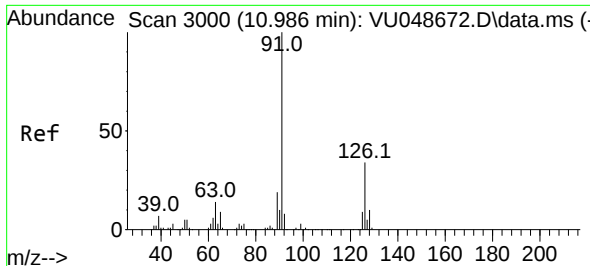
Tgt Ion:156 Resp: 212402  
Ion Ratio Lower Upper  
156 100  
77 163.1 81.1 243.3  
158 96.8 48.8 146.4



#78  
n-propylbenzene  
Concen: 55.128 ug/l  
RT: 10.906 min Scan# 2975  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 91 Resp: 1010090  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.6 34.7

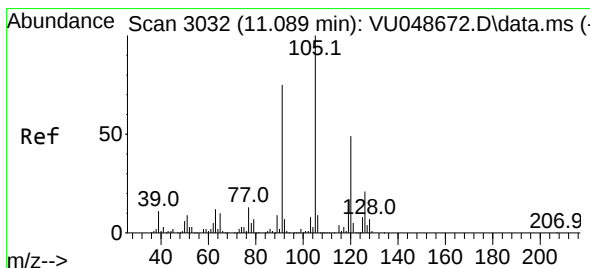
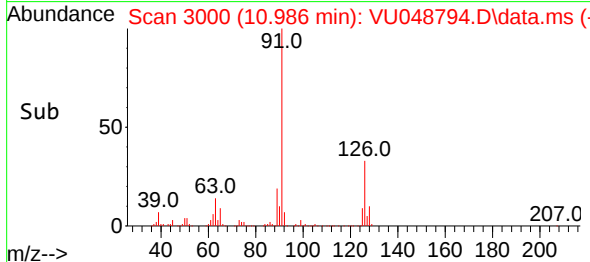
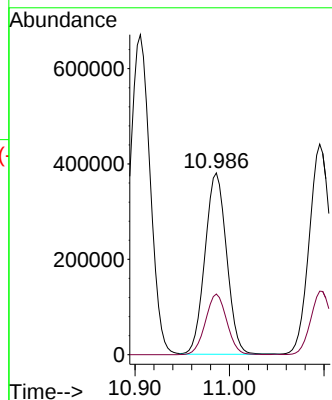
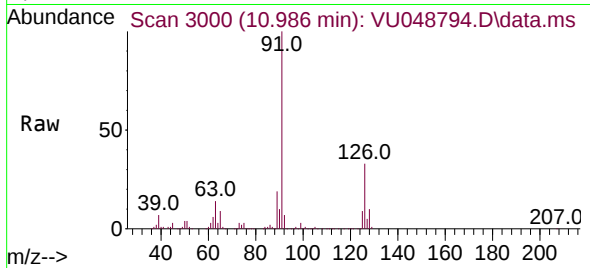




#79  
2-Chlorotoluene  
Concen: 53.062 ug/l  
RT: 10.986 min Scan# 3000  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

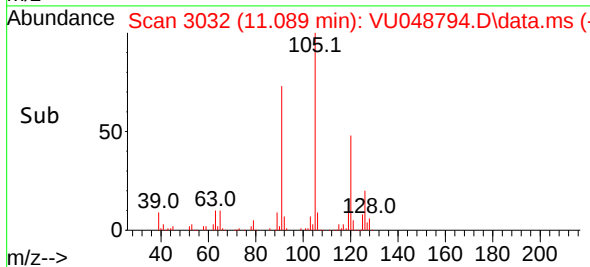
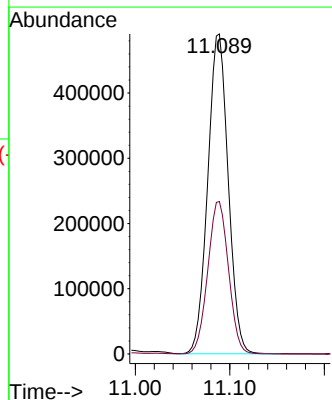
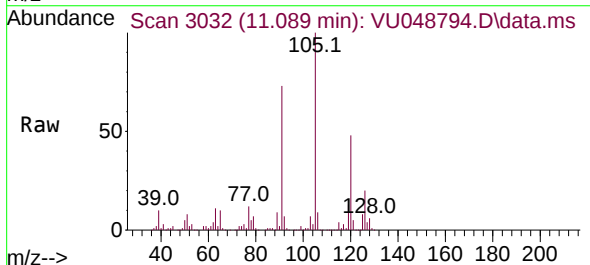
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

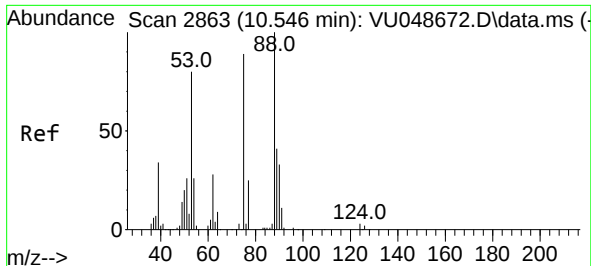
Tgt Ion: 91 Resp: 604610  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.7 50.0



#80  
1,3,5-Trimethylbenzene  
Concen: 55.141 ug/l  
RT: 11.089 min Scan# 3032  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 105 Resp: 737343  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.1 72.3

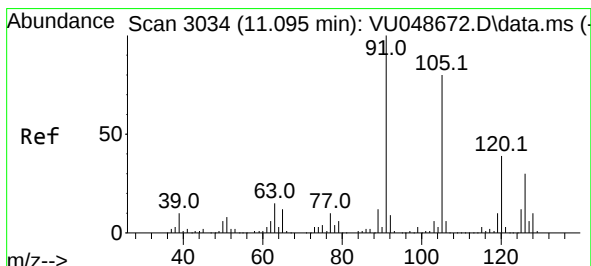
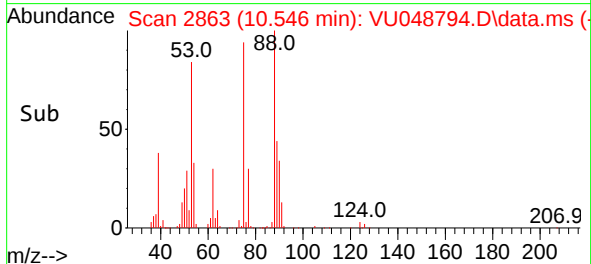
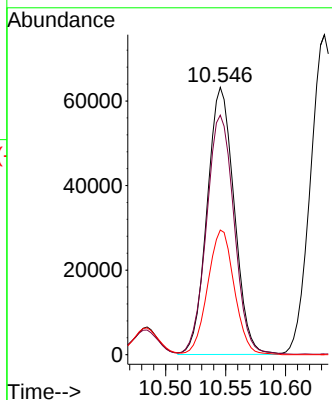
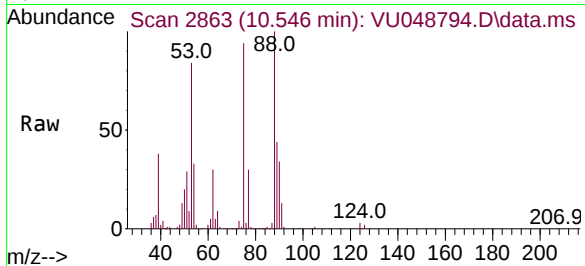




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.962 ug/l  
RT: 10.546 min Scan# 2863  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

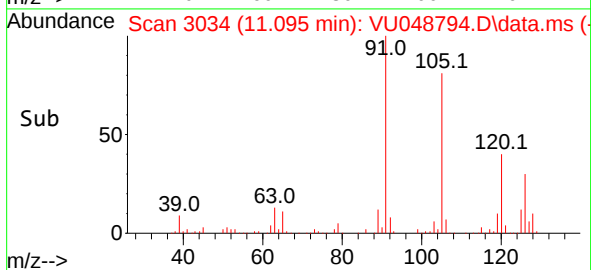
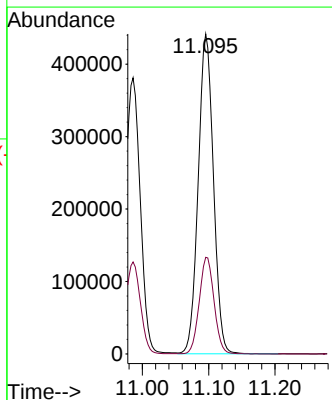
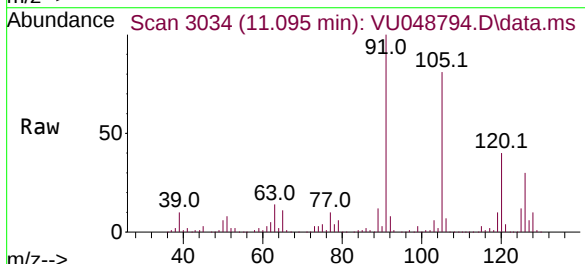
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

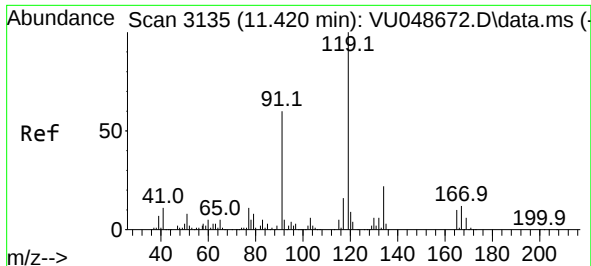
Tgt Ion: 75 Resp: 99327  
Ion Ratio Lower Upper  
75 100  
53 91.3 72.5 108.7  
89 45.8 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 53.470 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 91 Resp: 702945  
Ion Ratio Lower Upper  
91 100  
126 29.3 14.4 43.2

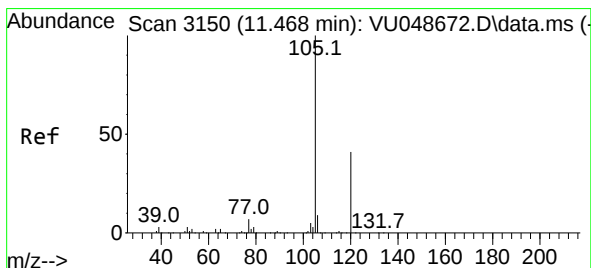
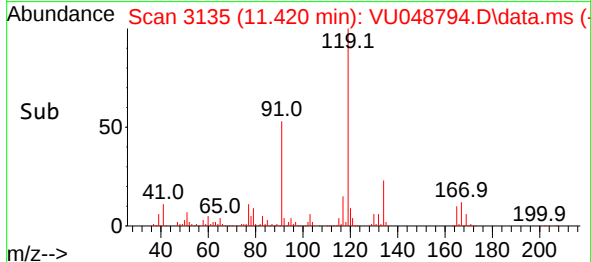
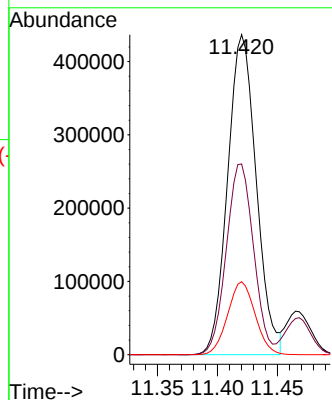
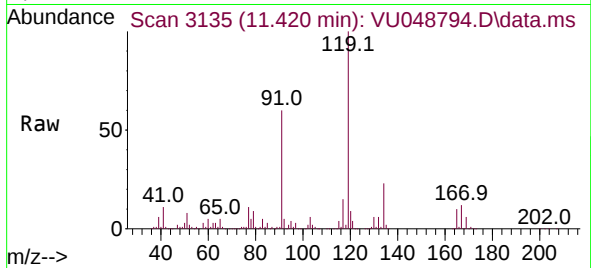




#83  
tert-Butylbenzene  
Concen: 56.592 ug/l  
RT: 11.420 min Scan# 3135  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

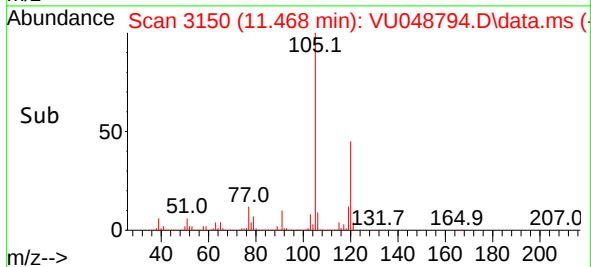
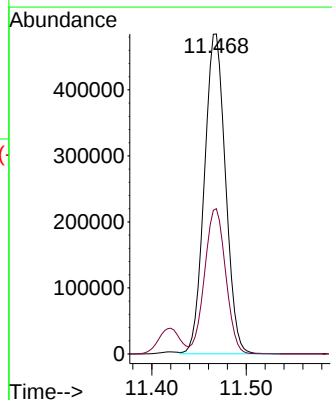
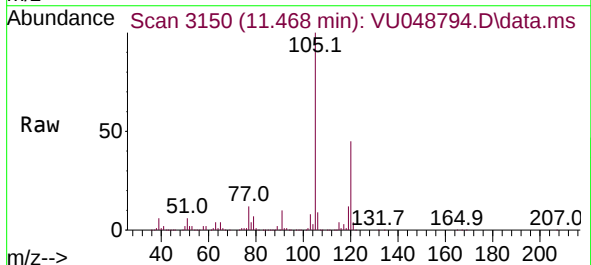
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

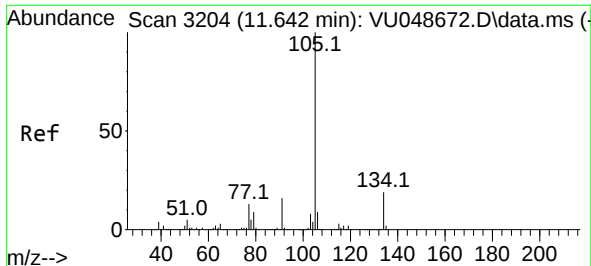
Tgt Ion:119 Resp: 726305  
Ion Ratio Lower Upper  
119 100  
91 56.6 28.7 86.1  
134 21.9 10.8 32.4



#84  
1,2,4-Trimethylbenzene  
Concen: 51.999 ug/l  
RT: 11.468 min Scan# 3150  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion:105 Resp: 750077  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.5 67.5

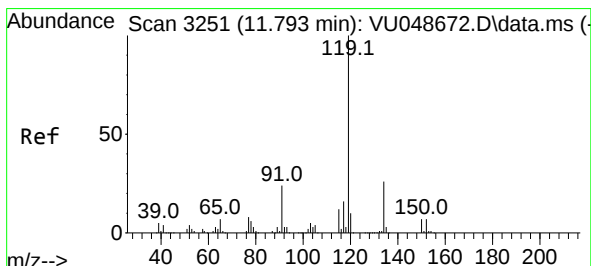
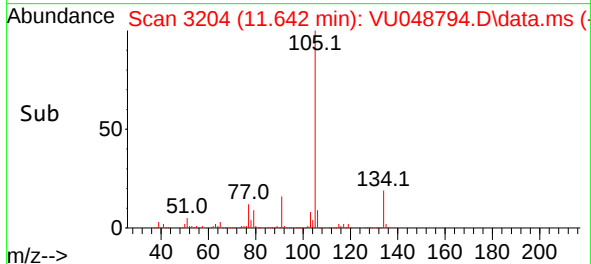
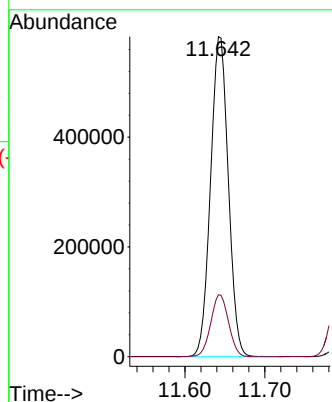
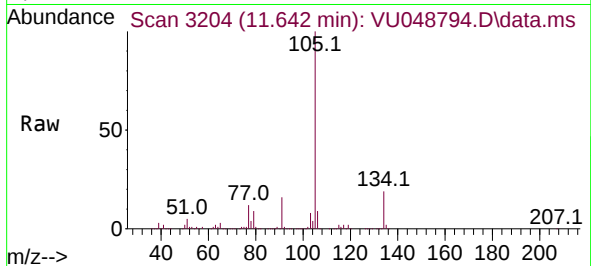




#85  
 sec-Butylbenzene  
 Concen: 55.866 ug/l  
 RT: 11.642 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VU048794.D  
 Acq: 01 Jun 2022 20:51

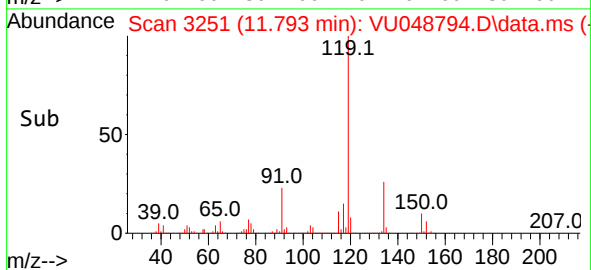
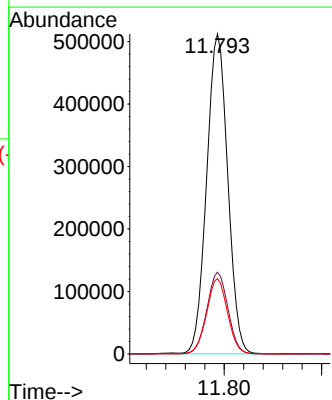
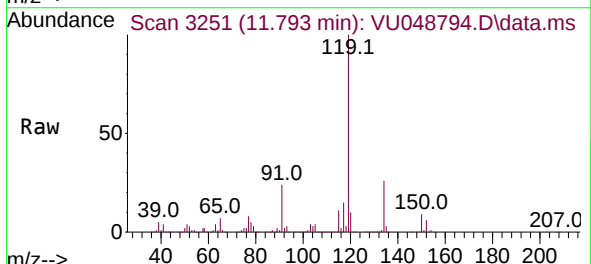
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

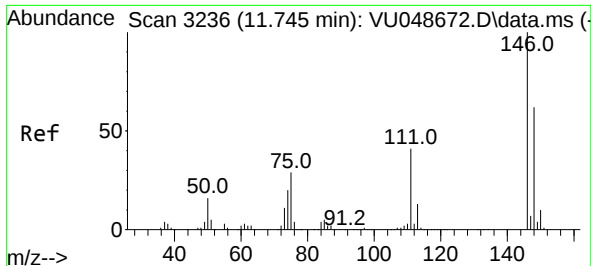
Tgt Ion:105 Resp: 896980  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.6 28.6



#86  
 p-Isopropyltoluene  
 Concen: 55.737 ug/l  
 RT: 11.793 min Scan# 3251  
 Delta R.T. 0.000 min  
 Lab File: VU048794.D  
 Acq: 01 Jun 2022 20:51

Tgt Ion:119 Resp: 768507  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.8 38.4  
 91 23.4 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 51.101 ug/l

RT: 11.745 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

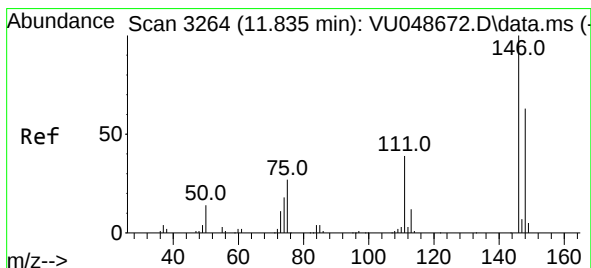
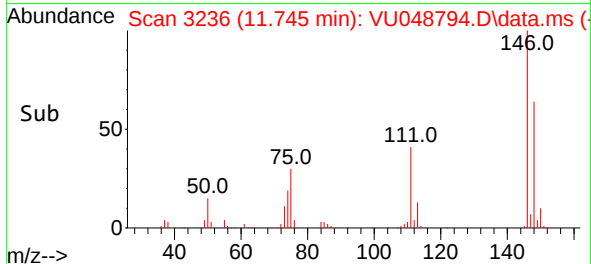
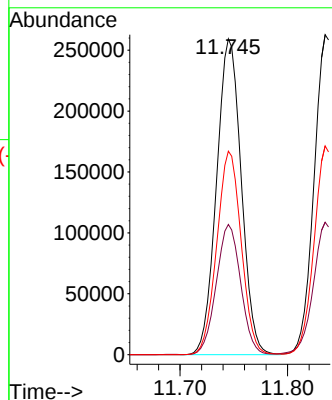
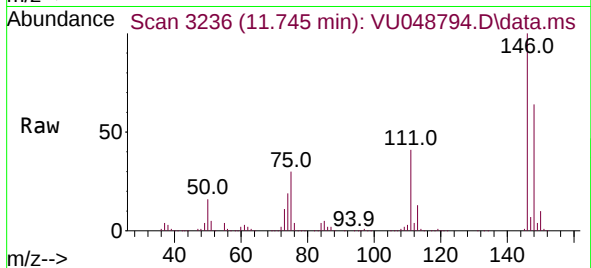
Tgt Ion:146 Resp: 413741

Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.9

148 63.7 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.103 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

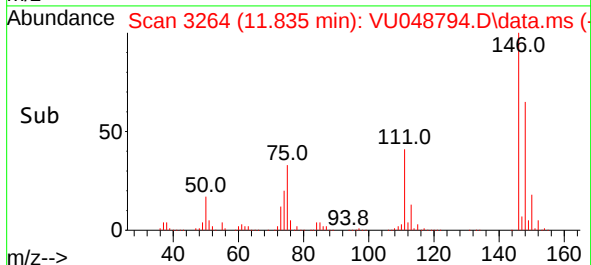
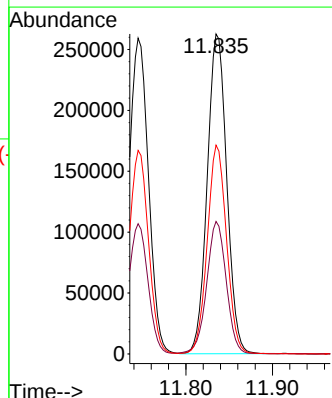
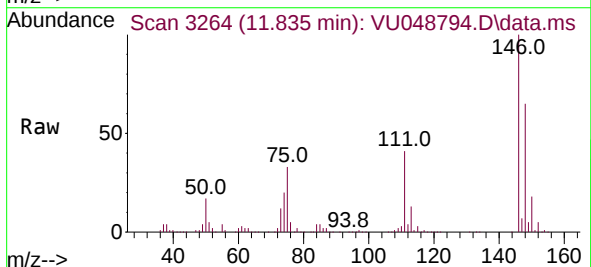
Tgt Ion:146 Resp: 410743

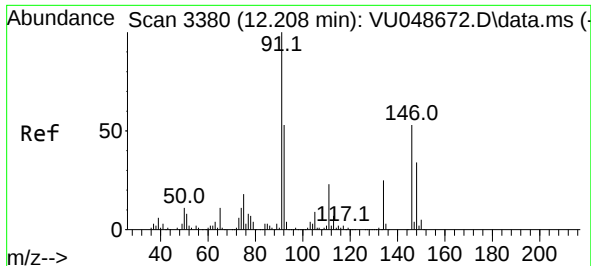
Ion Ratio Lower Upper

146 100

111 41.4 20.2 60.6

148 64.5 32.4 97.0

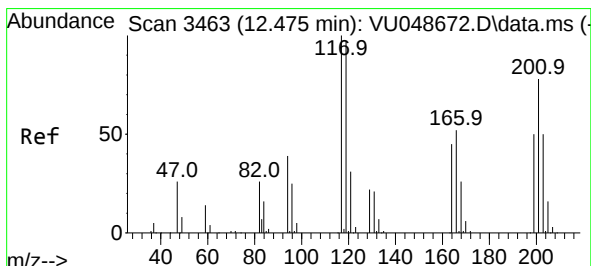
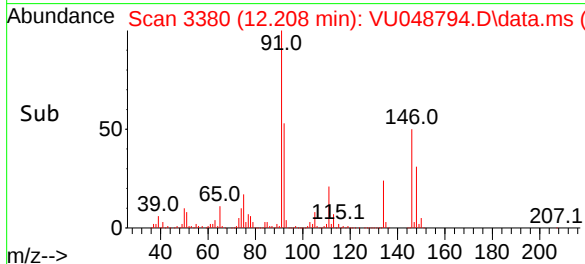
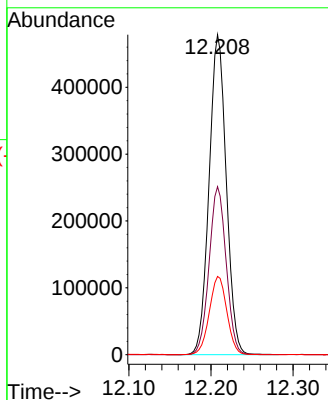
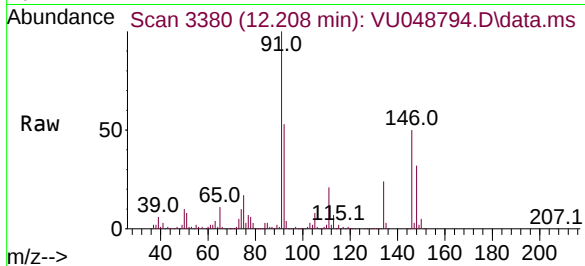




#89  
n-Butylbenzene  
Concen: 50.359 ug/l  
RT: 12.208 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

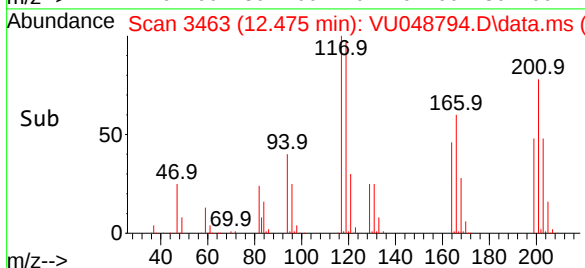
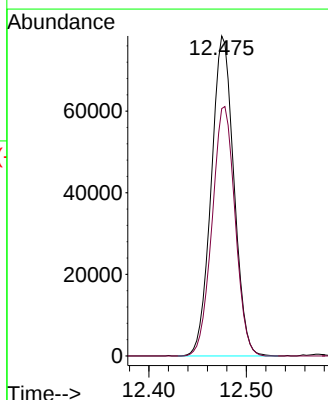
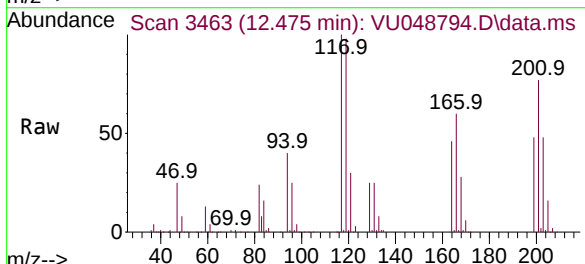
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

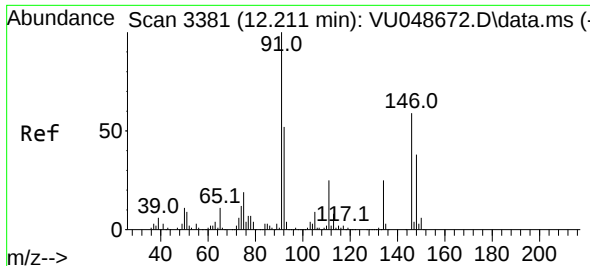
Tgt Ion: 91 Resp: 695238  
Ion Ratio Lower Upper  
91 100  
92 52.3 25.9 77.8  
134 25.1 12.5 37.5



#90  
Hexachloroethane  
Concen: 44.957 ug/l  
RT: 12.475 min Scan# 3463  
Delta R.T. 0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion: 117 Resp: 126505  
Ion Ratio Lower Upper  
117 100  
201 79.2 39.6 119.0





#91

1,2-Dichlorobenzene

Concen: 50.258 ug/l

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

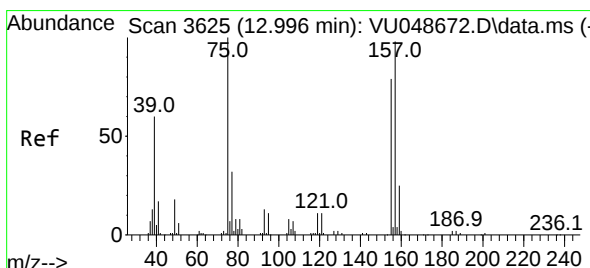
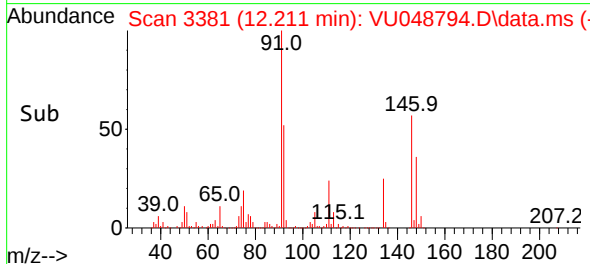
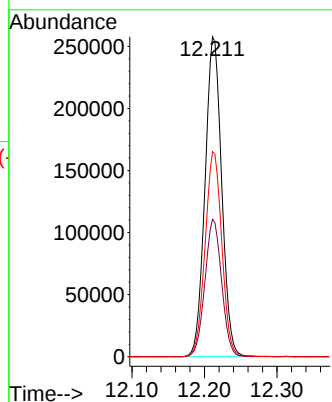
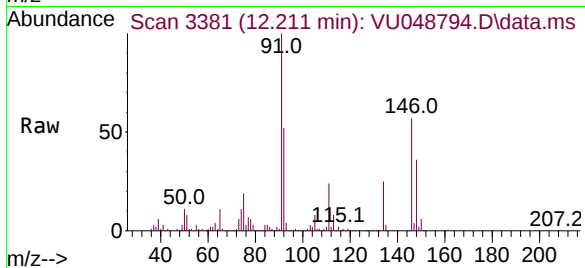
Tgt Ion:146 Resp: 411077

Ion Ratio Lower Upper

146 100

111 43.1 21.4 64.3

148 64.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.056 ug/l

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU048794.D

Acq: 01 Jun 2022 20:51

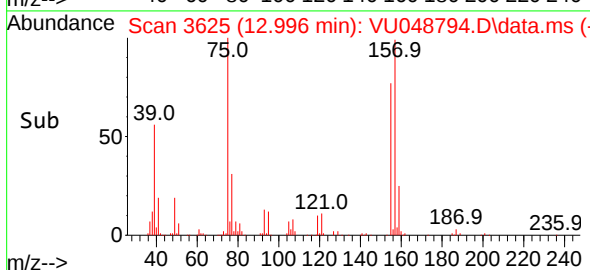
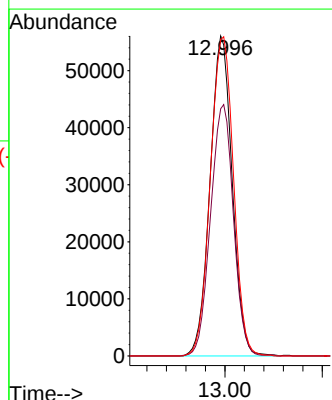
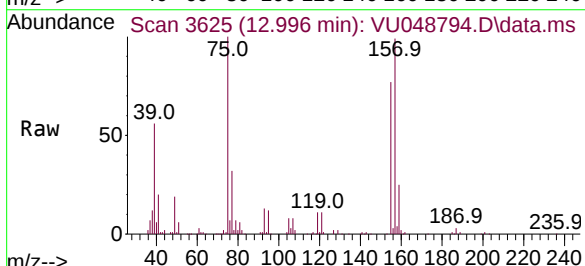
Tgt Ion: 75 Resp: 88631

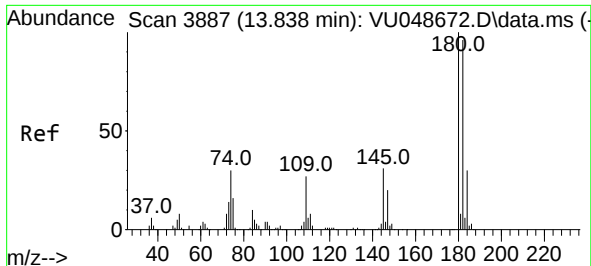
Ion Ratio Lower Upper

75 100

155 80.9 40.3 120.8

157 104.0 50.0 150.0

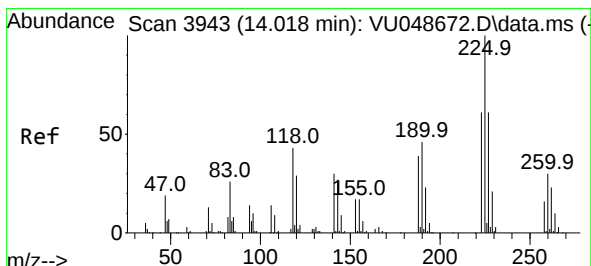
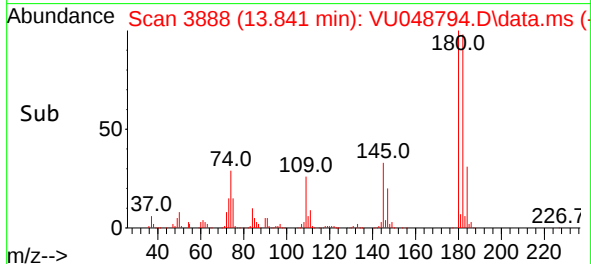
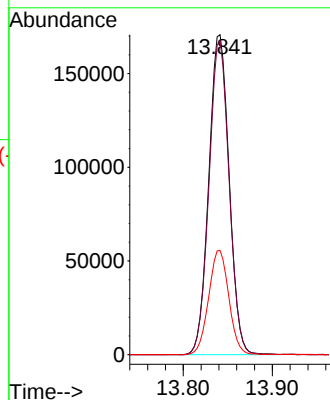
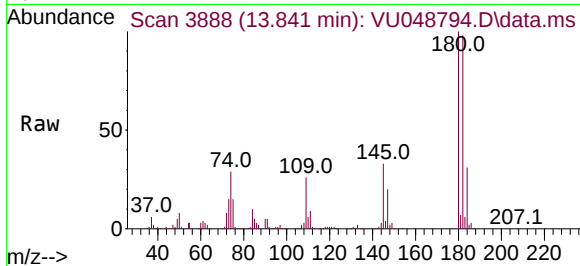




#93  
1,2,4-Trichlorobenzene  
Concen: 50.572 ug/l  
RT: 13.841 min Scan# 3888  
Delta R.T. 0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

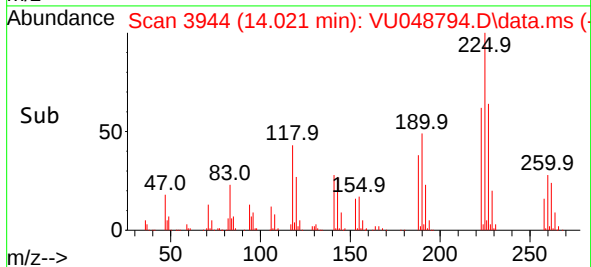
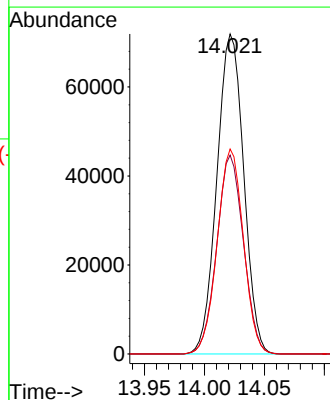
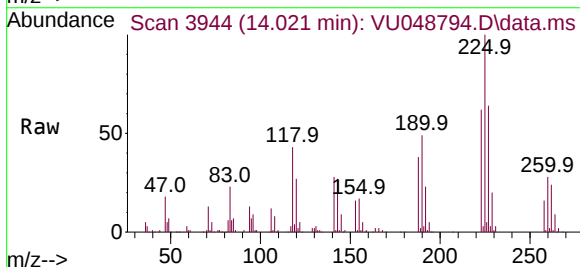
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

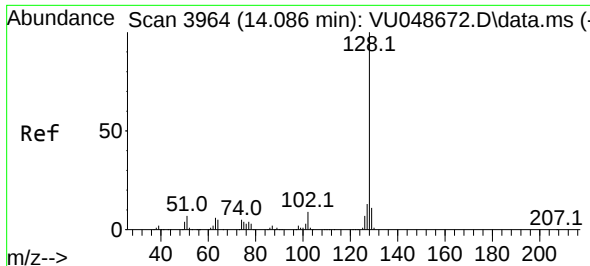
Tgt Ion:180 Resp: 271440  
Ion Ratio Lower Upper  
180 100  
182 96.8 48.3 144.9  
145 32.3 15.6 46.7



#94  
Hexachlorobutadiene  
Concen: 43.486 ug/l  
RT: 14.021 min Scan# 3944  
Delta R.T. 0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion:225 Resp: 111875  
Ion Ratio Lower Upper  
225 100  
223 61.7 30.9 92.8  
227 62.4 31.1 93.5

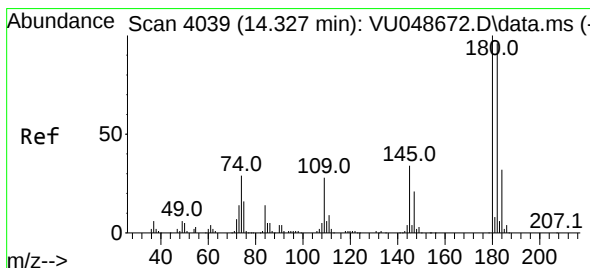
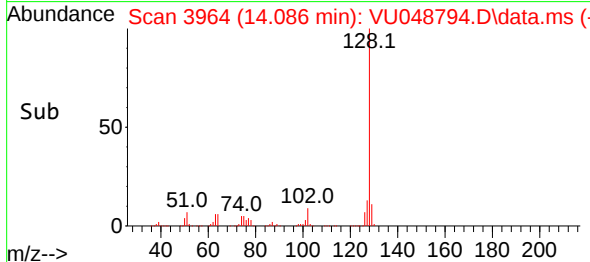
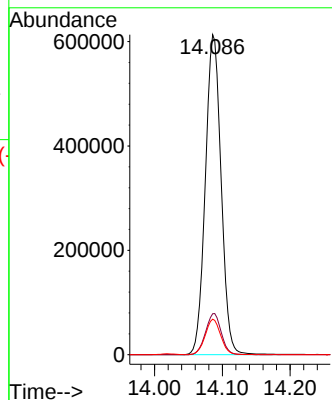
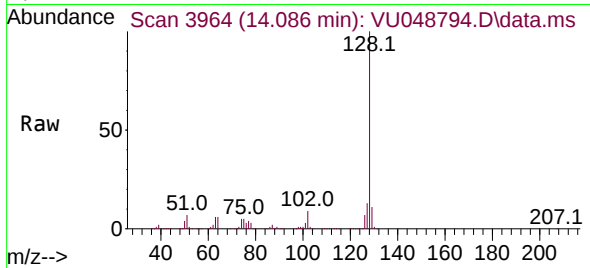




#95  
Naphthalene  
Concen: 52.758 ug/l  
RT: 14.086 min Scan# 3964  
Delta R.T. -0.000 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 991860  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.4  
129 11.0 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 51.289 ug/l  
RT: 14.330 min Scan# 4040  
Delta R.T. 0.003 min  
Lab File: VU048794.D  
Acq: 01 Jun 2022 20:51

Tgt Ion:180 Resp: 272658  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.4 142.2  
145 33.6 16.6 49.8

