

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111121\  
 Data File : VU045731.D  
 Acq On : 11 Nov 2021 12:17  
 Operator : SY/MD  
 Sample : VU1111WBS01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 12 06:05:47 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 05 13:35:16 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.375  | 168   | 112110   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.253  | 114   | 200424   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 9.420  | 117   | 191570   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.815 | 152   | 96357    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.703  | 65    | 88741    | 52.854   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | = 105.700% |          |
| 35) Dibromofluoromethane     | 5.292  | 113   | 69021    | 51.580   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 103.160% |          |
| 50) Toluene-d8               | 7.902  | 98    | 255506   | 51.350   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | = 102.700% |          |
| 62) 4-Bromofluorobenzene     | 10.635 | 95    | 97366    | 48.798   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 97.600%  |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385  | 85    | 27757    | 19.096   | ug/l       | 100      |
| 3) Chloromethane             | 1.523  | 50    | 31740    | 19.084   | ug/l       | 99       |
| 4) Vinyl Chloride            | 1.604  | 62    | 32261    | 19.913   | ug/l       | 98       |
| 5) Bromomethane              | 1.851  | 94    | 19968    | 22.097   | ug/l       | 97       |
| 6) Chloroethane              | 1.932  | 64    | 19852    | 18.776   | ug/l       | 98       |
| 7) Trichlorofluoromethane    | 2.137  | 101   | 44657    | 20.845   | ug/l       | 100      |
| 8) Diethyl Ether             | 2.379  | 74    | 16866    | 19.888   | ug/l       | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.581  | 101   | 26128    | 20.886   | ug/l       | 98       |
| 10) Methyl Iodide            | 2.723  | 142   | 27323    | 16.690   | ug/l       | 92       |
| 11) Tert butyl alcohol       | 3.176  | 59    | 34537    | 103.926  | ug/l       | 98       |
| 12) 1,1-Dichloroethene       | 2.581  | 96    | 23945    | 19.414   | ug/l       | 96       |
| 13) Acrolein                 | 2.485  | 56    | 4794     | 99.547   | ug/l       | 97       |
| 14) Allyl chloride           | 2.925  | 41    | 42925    | 19.491   | ug/l       | 97       |
| 15) Acrylonitrile            | 3.314  | 53    | 93649    | 105.548  | ug/l       | 98       |
| 16) Acetone                  | 2.623  | 43    | 83340    | 97.510   | ug/l       | 97       |
| 17) Carbon Disulfide         | 2.793  | 76    | 60123    | 17.403   | ug/l       | 99       |
| 18) Methyl Acetate           | 2.948  | 43    | 58951    | 20.251   | ug/l       | 98       |
| 19) Methyl tert-butyl Ether  | 3.366  | 73    | 89170    | 20.084   | ug/l       | 99       |
| 20) Methylene Chloride       | 3.047  | 84    | 29820    | 20.080   | ug/l       | 94       |
| 21) trans-1,2-Dichloroethene | 3.356  | 96    | 26363    | 20.545   | ug/l       | 95       |
| 22) Diisopropyl ether        | 3.993  | 45    | 90803    | 20.998   | ug/l       | 96       |
| 23) Vinyl Acetate            | 3.957  | 43    | 340233   | 102.298  | ug/l       | 100      |
| 24) 1,1-Dichloroethane       | 3.870  | 63    | 53455    | 20.744   | ug/l       | 99       |
| 25) 2-Butanone               | 4.700  | 43    | 124111   | 104.699  | ug/l       | 99       |
| 26) 2,2-Dichloropropane      | 4.668  | 77    | 43356    | 20.304   | ug/l       | 97       |
| 27) cis-1,2-Dichloroethene   | 4.671  | 96    | 30958    | 20.541   | ug/l       | 100      |
| 28) Bromochloromethane       | 4.977  | 49    | 25424    | 20.695   | ug/l       | 96       |
| 29) Tetrahydrofuran          | 5.050  | 42    | 75220    | 103.738  | ug/l       | 99       |
| 30) Chloroform               | 5.092  | 83    | 54013    | 21.194   | ug/l       | 100      |
| 31) Cyclohexane              | 5.391  | 56    | 47344    | 19.326   | ug/l       | 94       |
| 32) 1,1,1-Trichloroethane    | 5.321  | 97    | 45232    | 20.812   | ug/l       | 97       |
| 36) 1,1-Dichloropropene      | 5.530  | 75    | 38039    | 19.464   | ug/l       | 99       |
| 37) Ethyl Acetate            | 4.806  | 43    | 45215    | 20.141   | ug/l       | 98       |
| 38) Carbon Tetrachloride     | 5.530  | 117   | 38549    | 19.566   | ug/l       | 98       |
| 39) Methylcyclohexane        | 6.764  | 83    | 44815    | 18.692   | ug/l       | 98       |
| 40) Benzene                  | 5.777  | 78    | 113987   | 19.701   | ug/l       | 98       |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 12 06:05:47 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 05 13:35:16 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.973  | 41   | 24671    | 20.796  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 5.796  | 62   | 42655    | 20.410  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 5.912  | 43   | 66863    | 19.473  | ug/l   | 100      |
| 44) Trichloroethene           | 6.546  | 130  | 28750    | 20.759  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 6.793  | 63   | 31710    | 20.712  | ug/l   | 96       |
| 46) Dibromomethane            | 6.919  | 93   | 21615    | 20.376  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.108  | 83   | 41837    | 20.786  | ug/l   | 99       |
| 48) Methyl methacrylate       | 6.960  | 41   | 31011    | 19.622  | ug/l   | 100      |
| 49) 1,4-Dioxane               | 6.964  | 88   | 16967    | 417.464 | ug/l # | 97       |
| 51) 4-Methyl-2-Pentanone      | 7.793  | 43   | 231044   | 102.004 | ug/l   | 99       |
| 52) Toluene                   | 7.973  | 92   | 72832    | 20.561  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.211  | 75   | 42121    | 18.209  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 7.610  | 75   | 48536    | 19.754  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 8.404  | 97   | 30581    | 20.830  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 8.337  | 69   | 45128    | 18.731  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 8.578  | 76   | 53353    | 20.177  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 7.465  | 63   | 98464    | 72.851  | ug/l   | 99       |
| 59) 2-Hexanone                | 8.684  | 43   | 172928   | 92.631  | ug/l   | 98       |
| 60) Dibromochloromethane      | 8.812  | 129  | 30935    | 20.236  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.925  | 107  | 31403    | 19.944  | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.555  | 164  | 24399    | 22.190  | ug/l   | 94       |
| 65) Chlorobenzene             | 9.449  | 112  | 74468    | 19.790  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 26911    | 20.052  | ug/l   | 99       |
| 67) Ethyl Benzene             | 9.574  | 91   | 132378   | 19.644  | ug/l   | 100      |
| 68) m/p-Xylenes               | 9.697  | 106  | 105021   | 41.324  | ug/l   | 97       |
| 69) o-Xylene                  | 10.102 | 106  | 50604    | 20.481  | ug/l   | 98       |
| 70) Styrene                   | 10.118 | 104  | 84046    | 20.107  | ug/l   | 98       |
| 71) Bromoform                 | 10.295 | 173  | 22208    | 19.491  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.488 | 105  | 134988   | 21.441  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.320 | 43   | 50917    | 17.927  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 10.787 | 83   | 52131    | 20.899  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.828 | 75   | 57867    | 19.803  | ug/l   | 90       |
| 77) Bromobenzene              | 10.783 | 156  | 31408    | 20.547  | ug/l   | 96       |
| 78) n-propylbenzene           | 10.909 | 91   | 160430   | 20.474  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.989 | 91   | 98191    | 21.210  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 115564   | 21.009  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.549 | 75   | 14157    | 17.914  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 11.098 | 91   | 112369   | 20.697  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.423 | 119  | 110396   | 21.053  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.471 | 105  | 113108   | 20.689  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.645 | 105  | 145436   | 20.913  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.796 | 119  | 118377   | 20.370  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.748 | 146  | 60634    | 19.660  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.838 | 146  | 61330    | 19.661  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.211 | 91   | 104801   | 18.721  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.478 | 117  | 19365    | 18.472  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.214 | 146  | 61076    | 20.354  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.999 | 75   | 11137    | 18.922  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 37729    | 18.185  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.024 | 225  | 16459    | 18.378  | ug/l   | 98       |
| 95) Naphthalene               | 14.089 | 128  | 134554   | 17.925  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.333 | 180  | 39342    | 19.091  | ug/l   | 98       |

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Sample : VU1111WBS01  
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Quant Title : SW846 8260  
QLast Update : Fri Nov 05 13:35:16 2021  
Response via : Initial Calibration

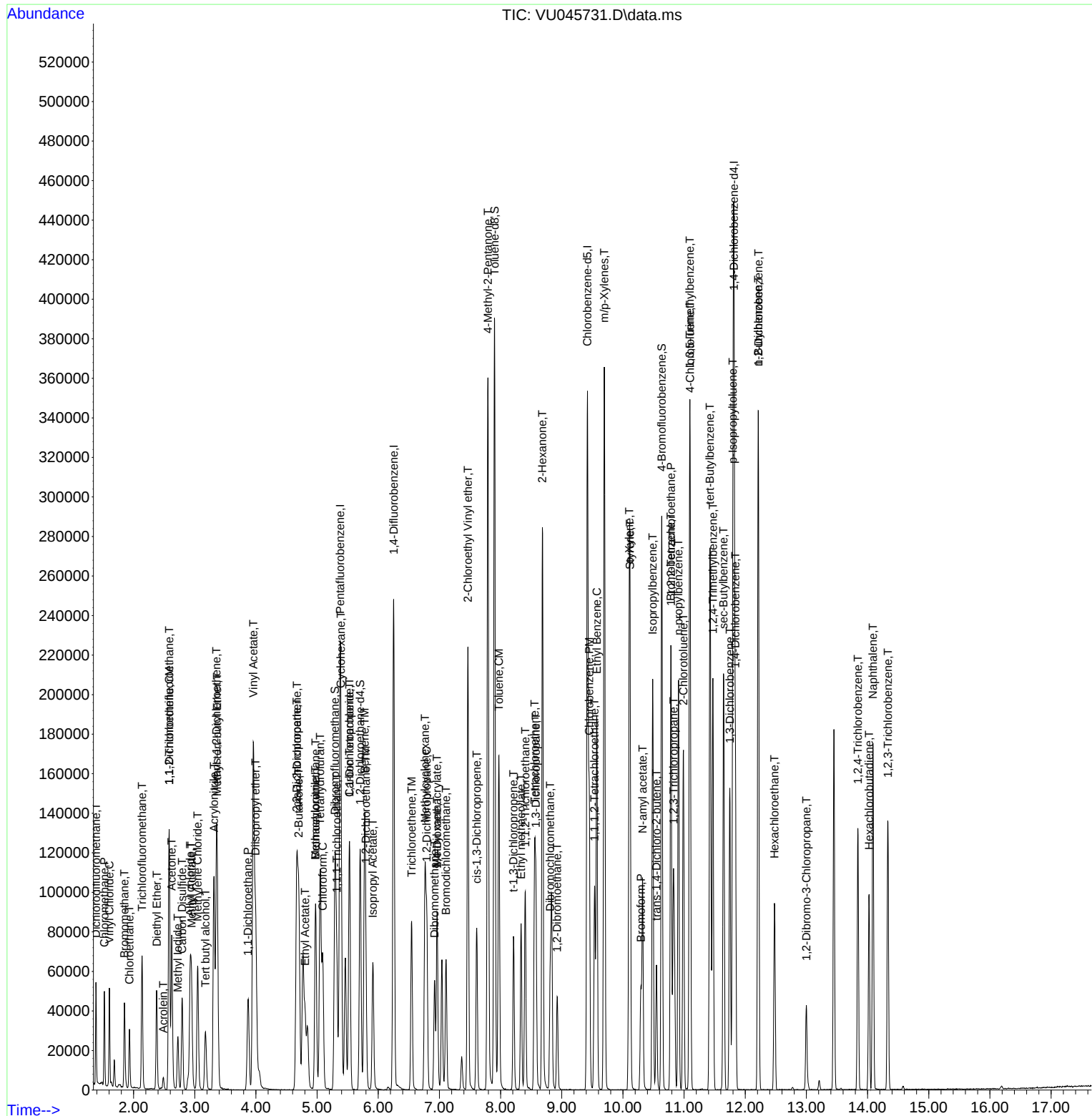
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

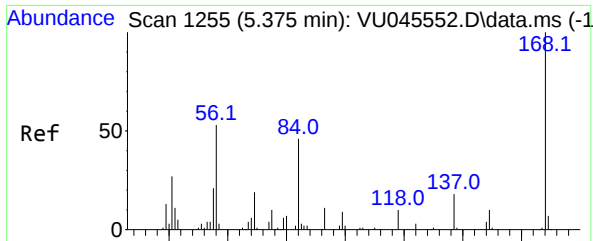
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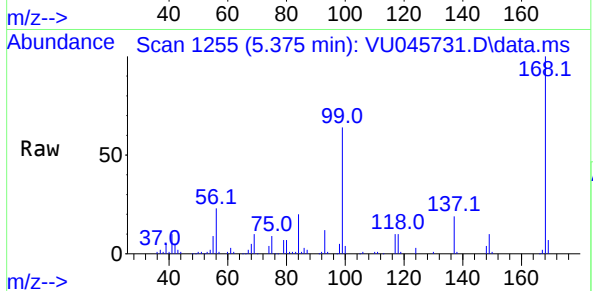
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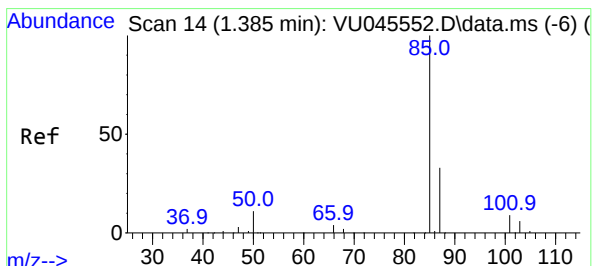
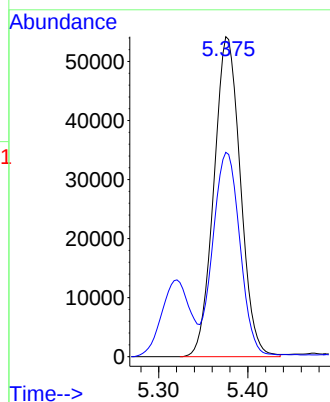
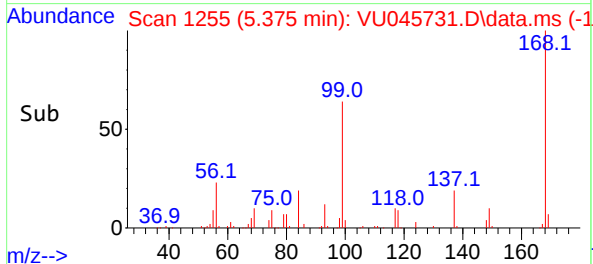


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.375 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Instrument :  
MSVOA\_U  
ClientSampleId :

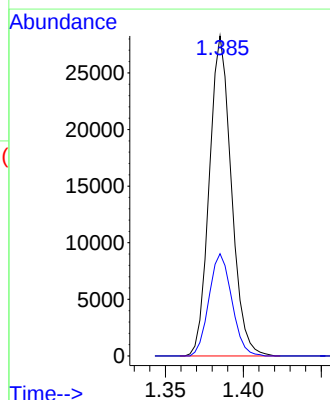
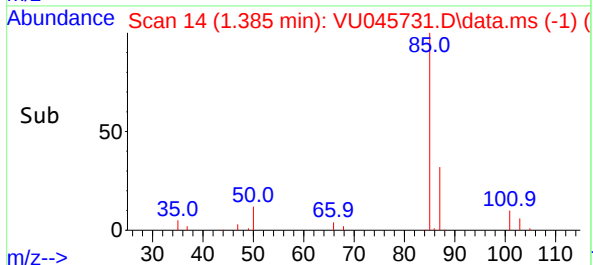
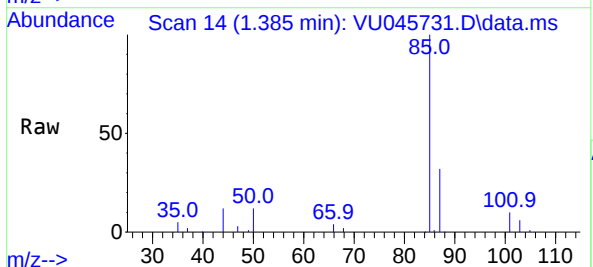


Tgt Ion:168 Resp: 112110  
Ion Ratio Lower Upper  
168 100  
99 63.2 51.0 76.6

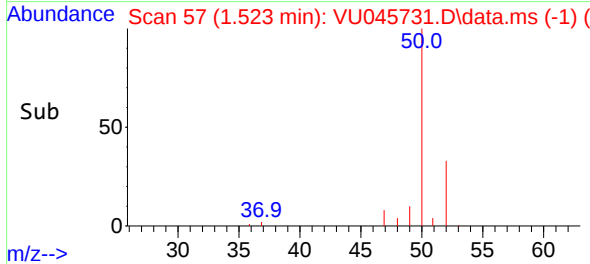
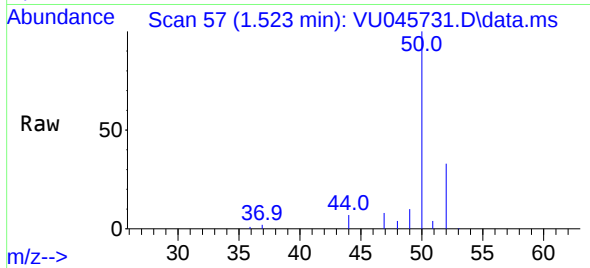
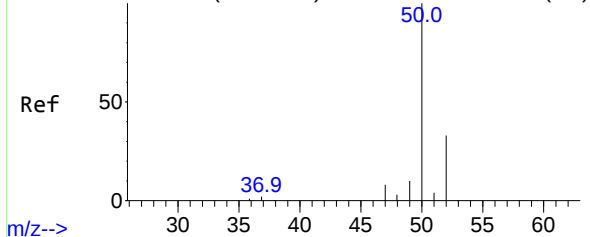


#2  
Dichlorodifluoromethane  
Concen: 19.096 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 85 Resp: 27757  
Ion Ratio Lower Upper  
85 100  
87 32.0 15.9 47.7



Abundance Scan 57 (1.523 min): VU045552.D\data.ms (-48)



#3

Chloromethane

Concen: 19.084 ug/l

RT: 1.523 min Scan# 51

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA\_U

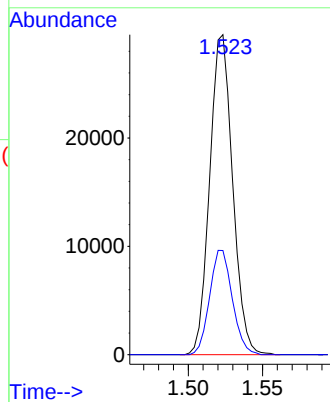
ClientSampleId :

Tgt Ion: 50 Resp: 31740

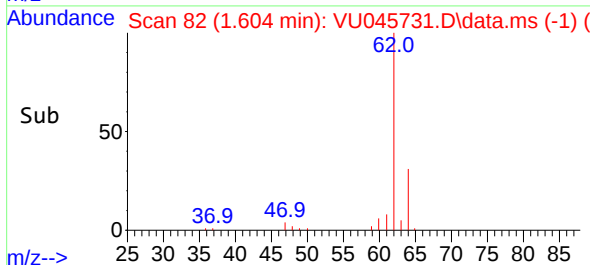
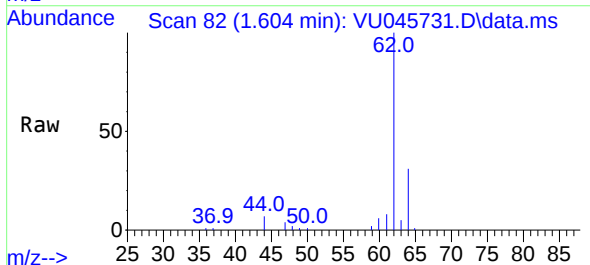
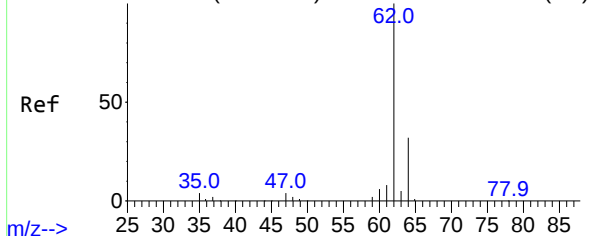
Ion Ratio Lower Upper

50 100

52 32.6 26.6 40.0



Abundance Scan 83 (1.607 min): VU045552.D\data.ms (-73)



#4

Vinyl Chloride

Concen: 19.913 ug/l

RT: 1.604 min Scan# 82

Delta R.T. -0.003 min

Lab File: VU045731.D

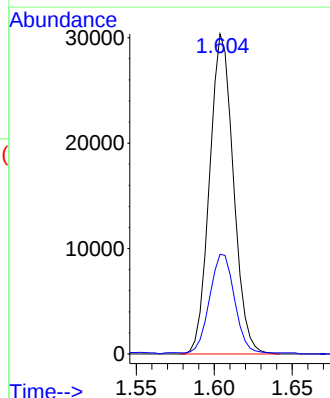
Acq: 11 Nov 2021 12:17

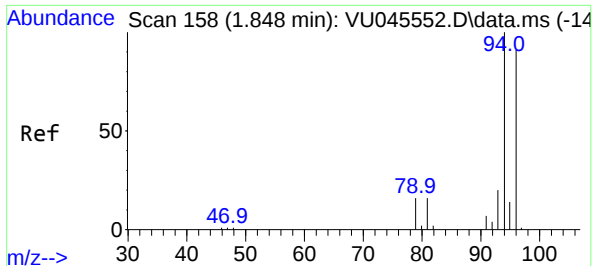
Tgt Ion: 62 Resp: 32261

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.6

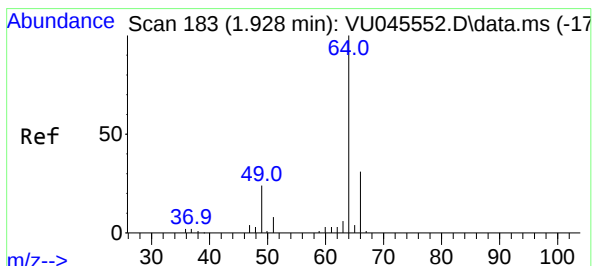
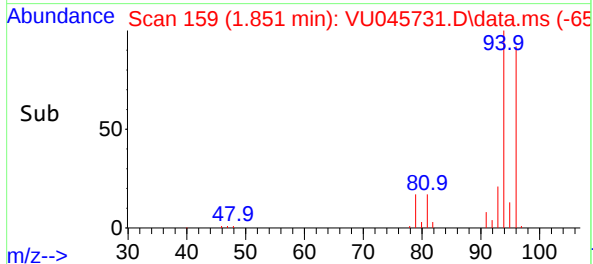
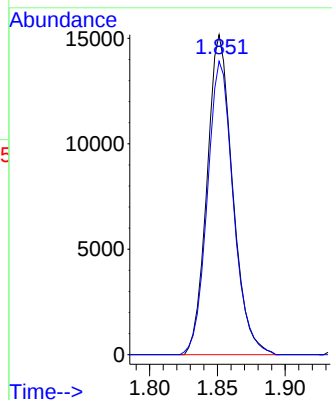
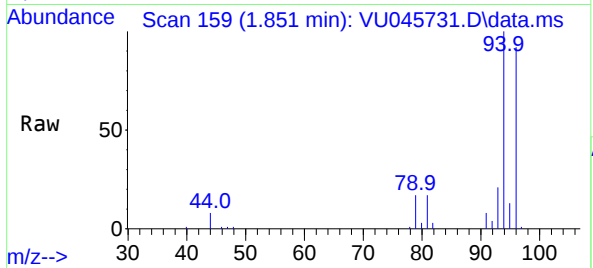




#5  
Bromomethane  
Concen: 22.097 ug/l  
RT: 1.851 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

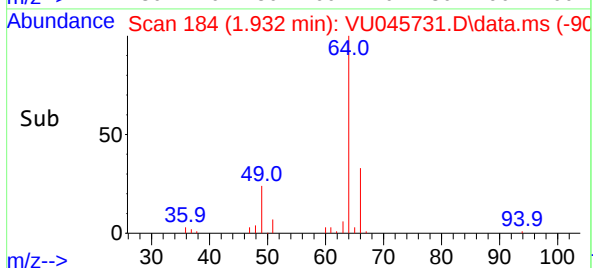
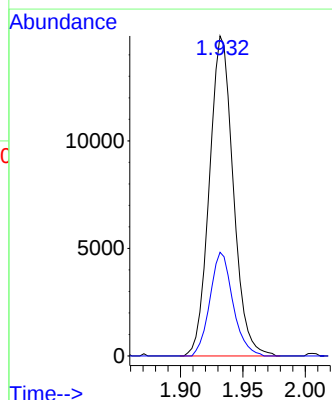
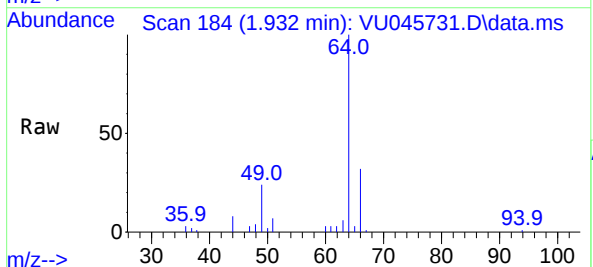
Instrument :  
MSVOA\_U  
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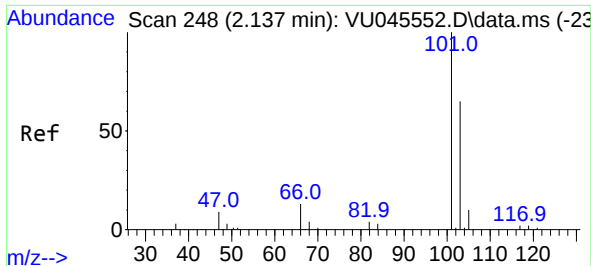
Tgt Ion: 94 Resp: 19968  
Ion Ratio Lower Upper  
94 100  
96 91.7 75.4 113.2



#6  
Chloroethane  
Concen: 18.776 ug/l  
RT: 1.932 min Scan# 184  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 64 Resp: 19852  
Ion Ratio Lower Upper  
64 100  
66 32.4 26.7 40.1

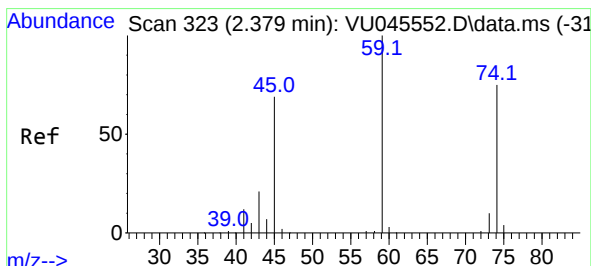
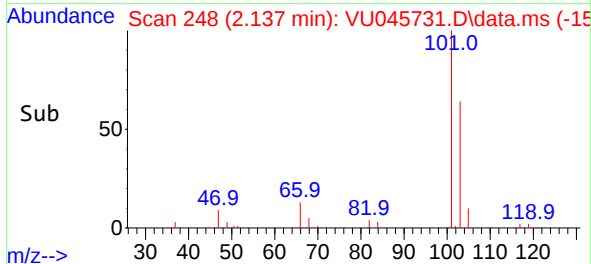
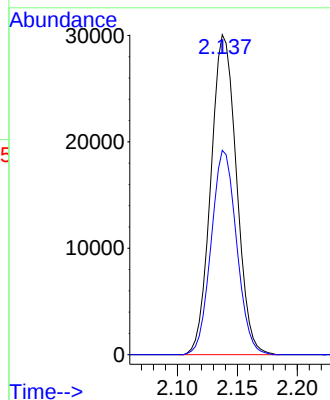
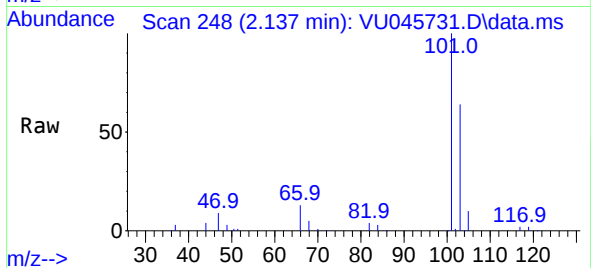




#7  
 Trichlorofluoromethane  
 Concen: 20.845 ug/l  
 RT: 2.137 min Scan# 248  
 Delta R.T. -0.000 min  
 Lab File: VU045731.D  
 Acq: 11 Nov 2021 12:17

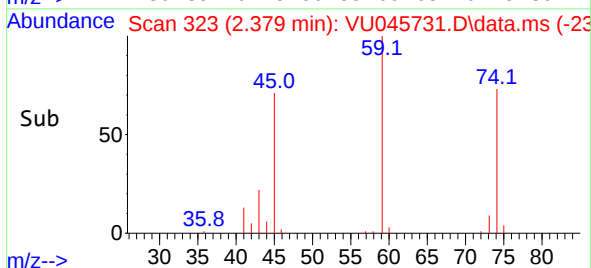
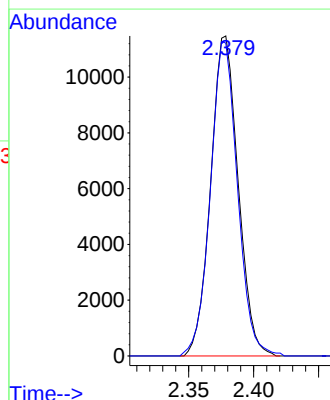
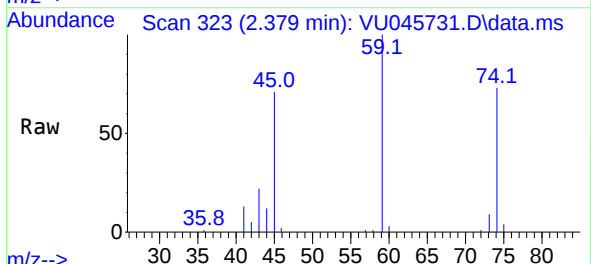
Instrument :  
 MSVOA\_U  
 ClientSampleId :

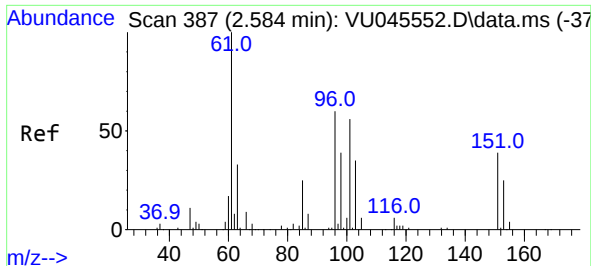
Tgt Ion:101 Resp: 44657  
 Ion Ratio Lower Upper  
 101 100  
 103 63.9 51.4 77.0



#8  
 Diethyl Ether  
 Concen: 19.888 ug/l  
 RT: 2.379 min Scan# 323  
 Delta R.T. -0.000 min  
 Lab File: VU045731.D  
 Acq: 11 Nov 2021 12:17

Tgt Ion: 74 Resp: 16866  
 Ion Ratio Lower Upper  
 74 100  
 45 96.9 47.3 141.8

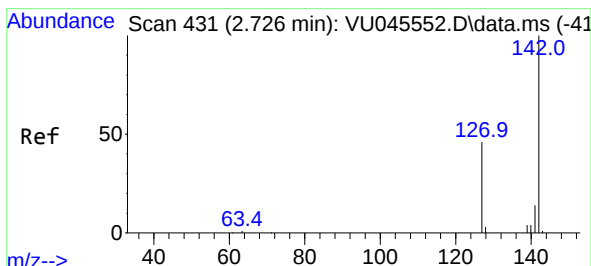
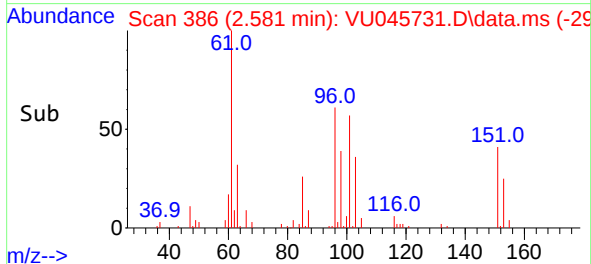
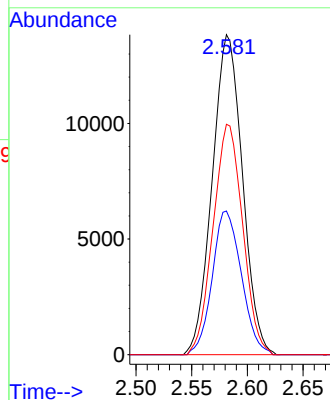
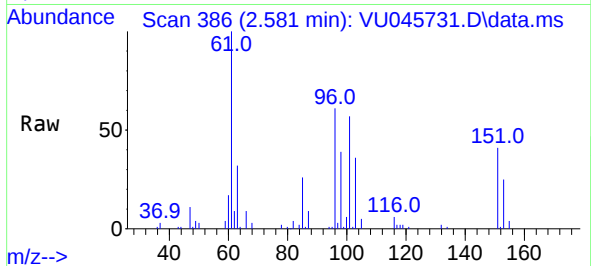




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.886 ug/l  
RT: 2.581 min Scan# 387  
Delta R.T. -0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

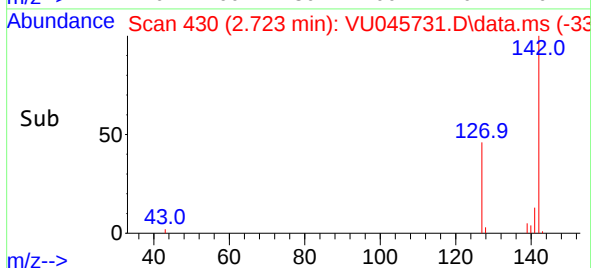
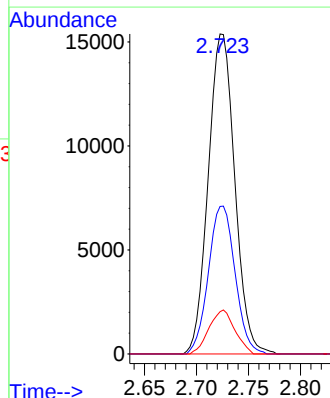
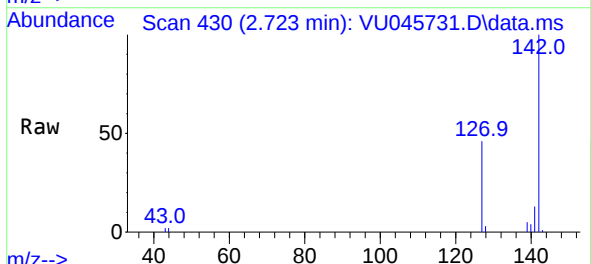
Instrument :  
MSVOA\_U  
ClientSampleId :

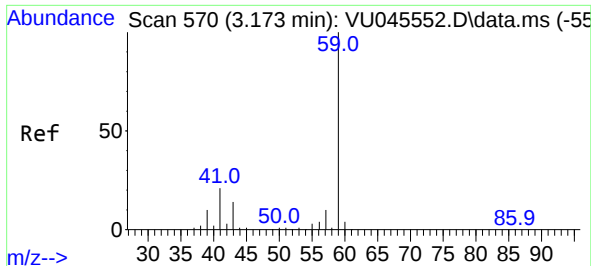
Tgt Ion:101 Resp: 26128  
Ion Ratio Lower Upper  
101 100  
85 43.3 35.0 52.4  
151 70.5 54.6 82.0



#10  
Methyl Iodide  
Concen: 16.690 ug/l  
RT: 2.723 min Scan# 430  
Delta R.T. -0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion:142 Resp: 27323  
Ion Ratio Lower Upper  
142 100  
127 46.4 32.2 48.2  
141 13.4 11.3 16.9

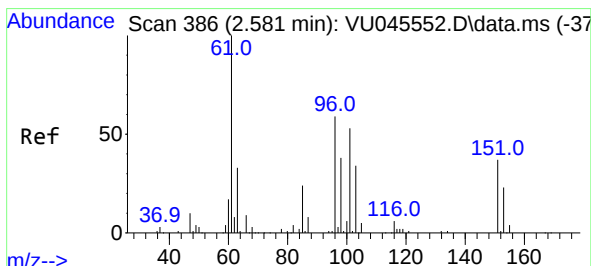
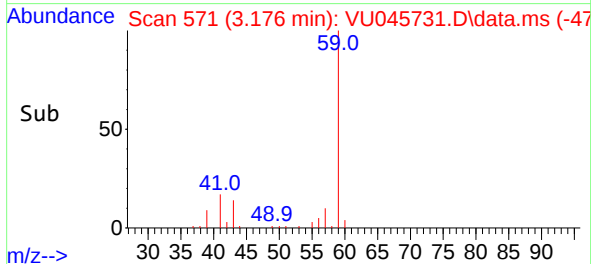
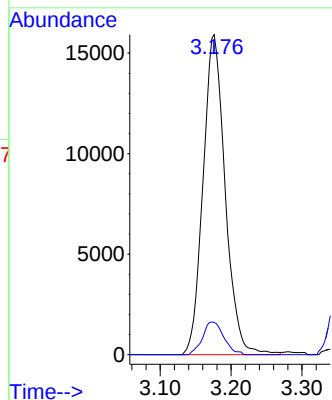
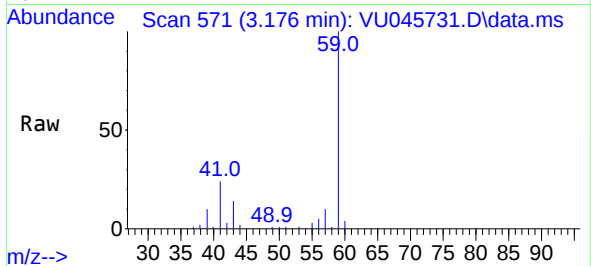




#11  
Tert butyl alcohol  
Concen: 103.926 ug/l  
RT: 3.176 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

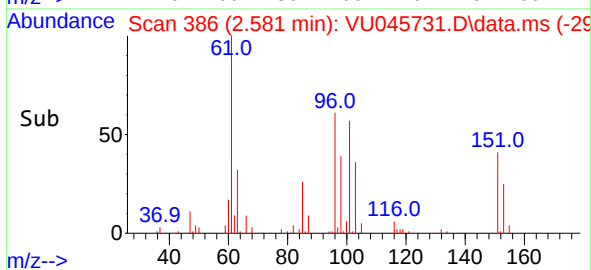
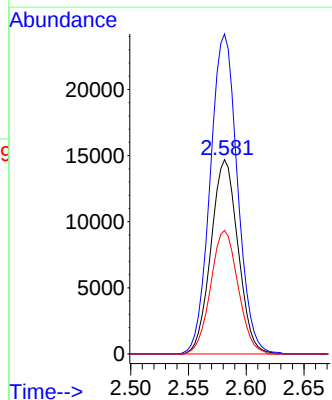
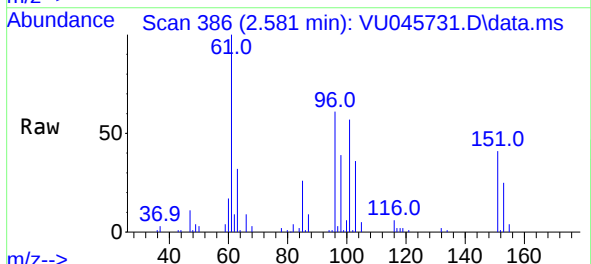
Instrument :  
MSVOA\_U  
ClientSampleId :

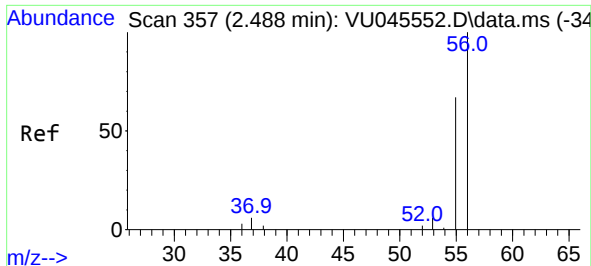
Tgt Ion: 59 Resp: 34537  
Ion Ratio Lower Upper  
59 100  
57 9.8 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 19.414 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 96 Resp: 23945  
Ion Ratio Lower Upper  
96 100  
61 164.7 137.1 205.7  
98 63.6 51.5 77.3

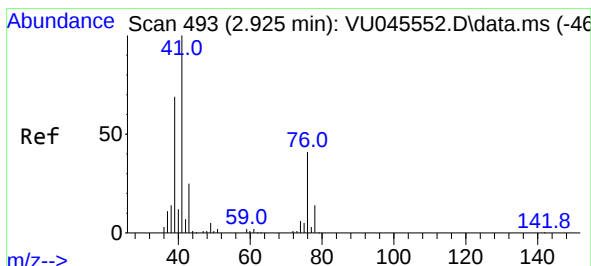
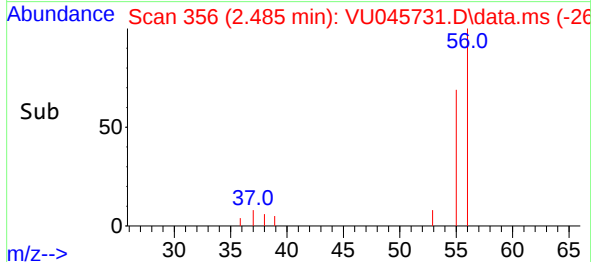
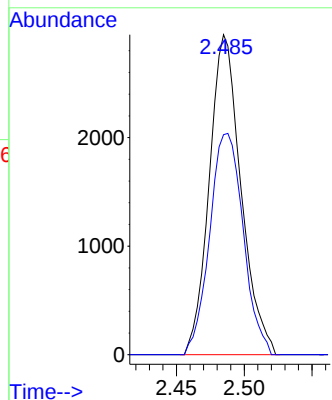
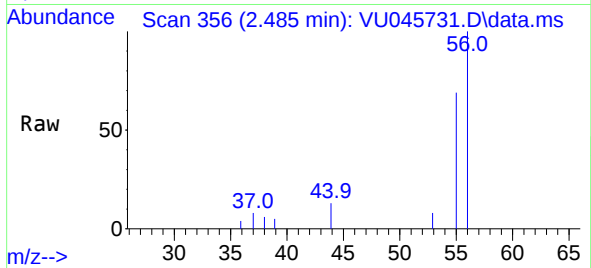




#13  
Acrolein  
Concen: 99.547 ug/l  
RT: 2.485 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

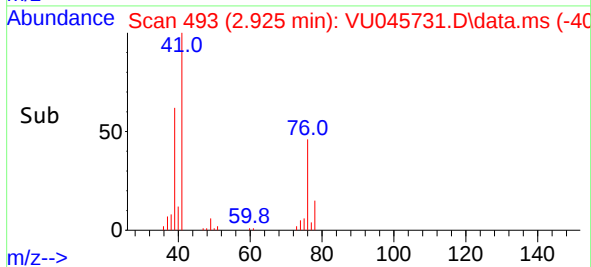
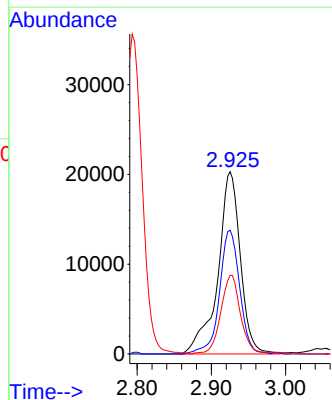
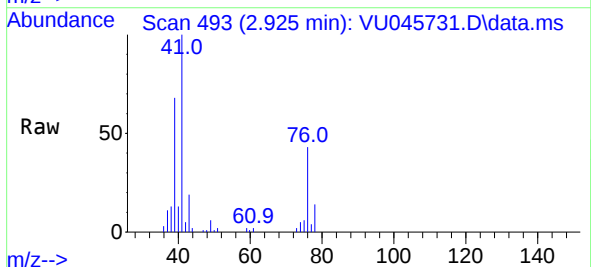
Instrument :  
MSVOA\_U  
ClientSampleId :

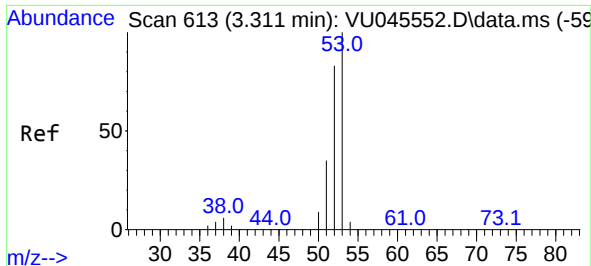
Tgt Ion: 56 Resp: 4794  
Ion Ratio Lower Upper  
56 100  
55 73.2 56.3 84.5



#14  
Allyl chloride  
Concen: 19.491 ug/l  
RT: 2.925 min Scan# 493  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

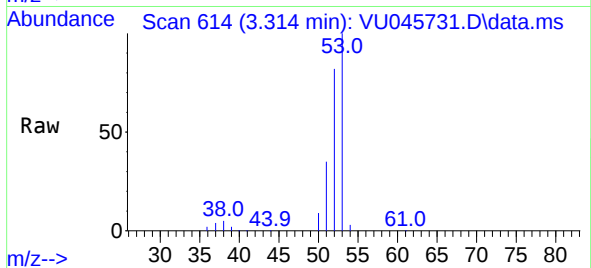
Tgt Ion: 41 Resp: 42925  
Ion Ratio Lower Upper  
41 100  
39 60.4 49.7 74.5  
76 37.6 27.7 41.5



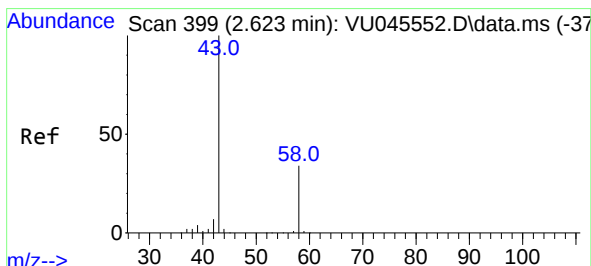
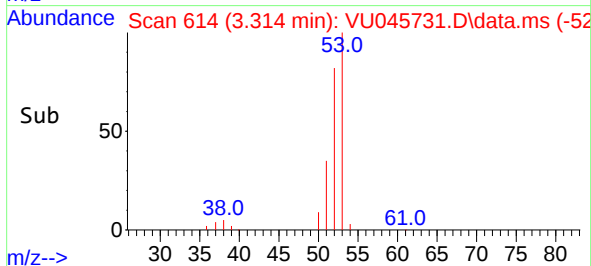
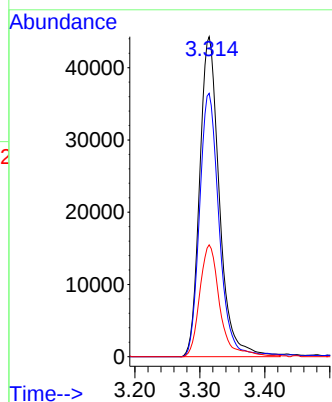


#15  
Acrylonitrile  
Concen: 105.548 ug/l  
RT: 3.314 min Scan# 613  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Instrument :  
MSVOA\_U  
ClientSampleId :

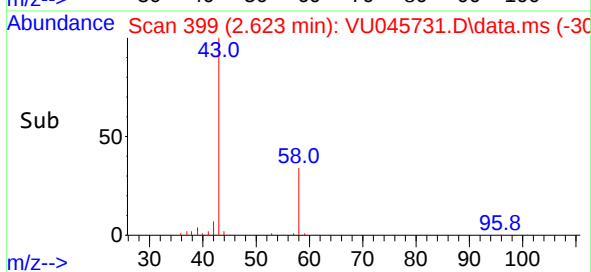
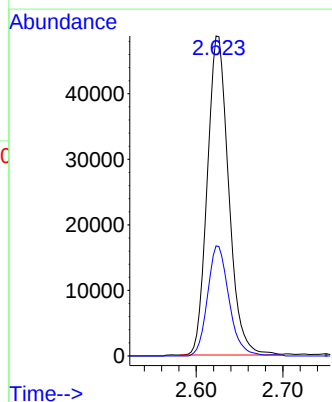
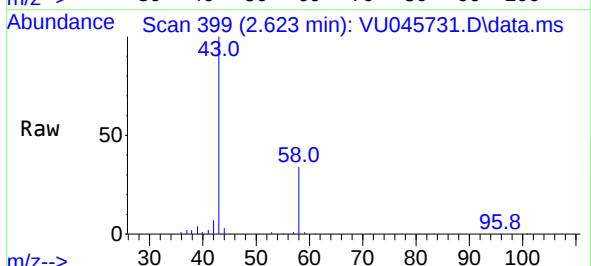


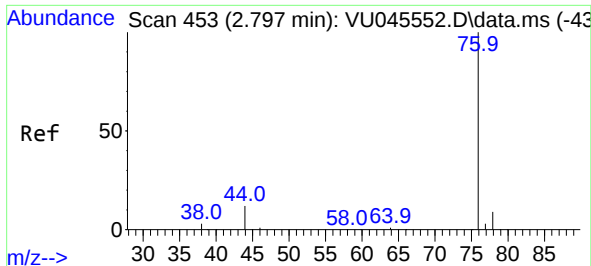
Tgt Ion: 53 Resp: 93649  
Ion Ratio Lower Upper  
53 100  
52 81.2 66.6 100.0  
51 35.6 28.4 42.6



#16  
Acetone  
Concen: 97.510 ug/l  
RT: 2.623 min Scan# 399  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 43 Resp: 83340  
Ion Ratio Lower Upper  
43 100  
58 34.5 26.2 39.2

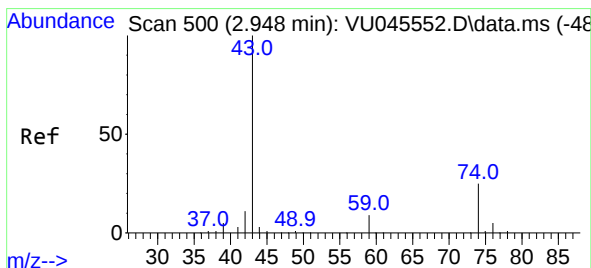
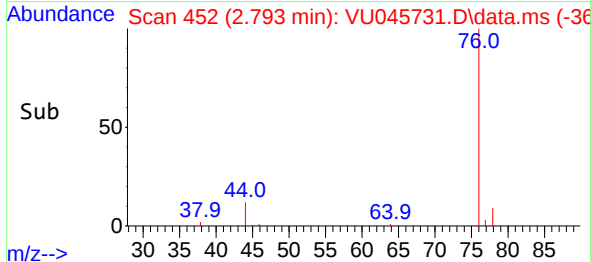
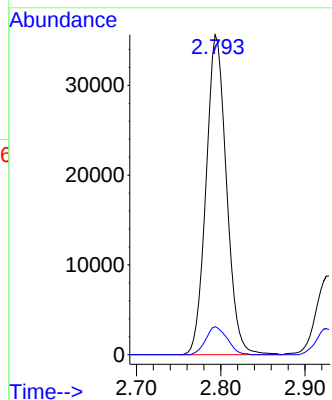
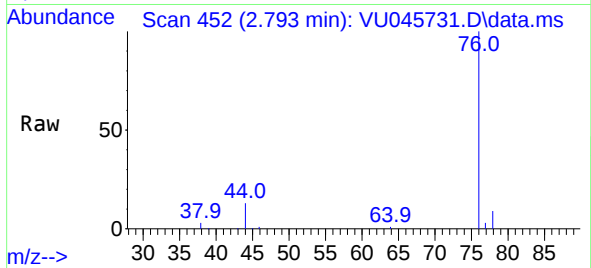




#17  
Carbon Disulfide  
Concen: 17.403 ug/l  
RT: 2.793 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

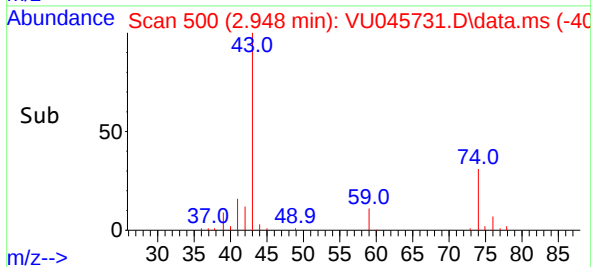
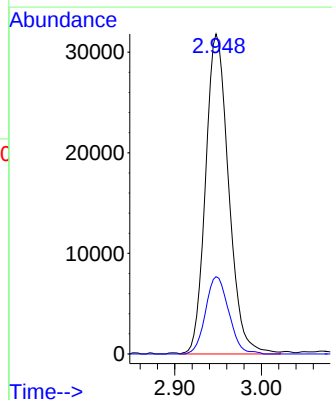
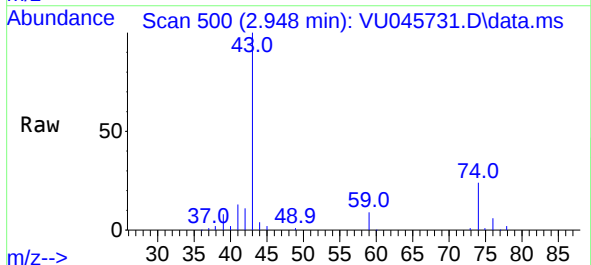
Instrument :  
MSVOA\_U  
ClientSampleId :

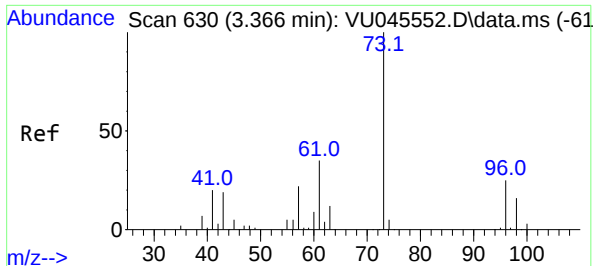
Tgt Ion: 76 Resp: 60123  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.3 10.9



#18  
Methyl Acetate  
Concen: 20.251 ug/l  
RT: 2.948 min Scan# 500  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 43 Resp: 58951  
Ion Ratio Lower Upper  
43 100  
74 24.3 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 20.084 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA\_U

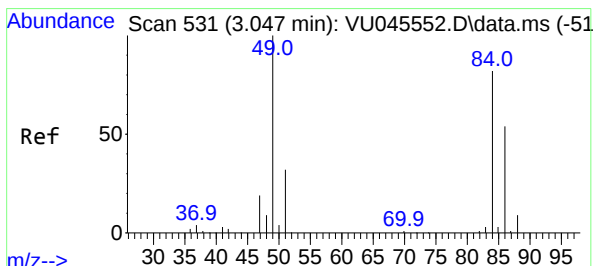
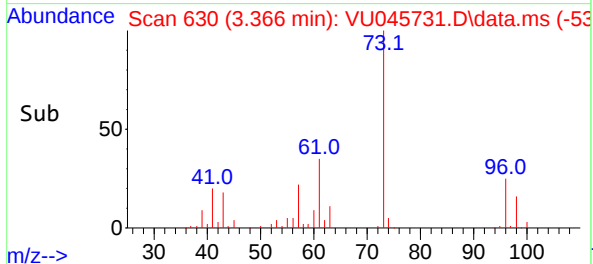
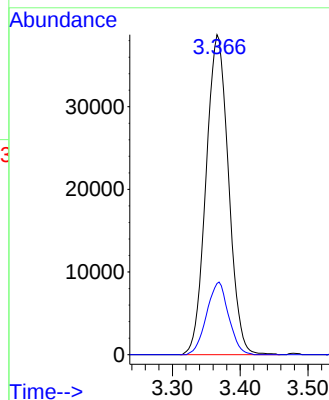
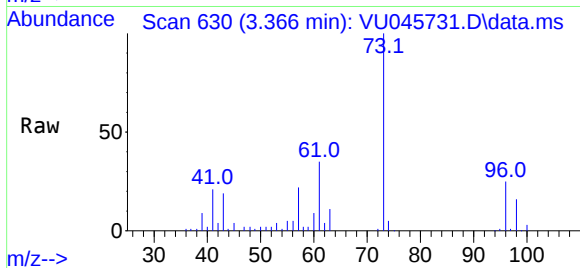
ClientSampleId :

Tgt Ion: 73 Resp: 89170

Ion Ratio Lower Upper

73 100

57 22.3 18.1 27.1



#20

Methylene Chloride

Concen: 20.080 ug/l

RT: 3.047 min Scan# 531

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Tgt Ion: 84 Resp: 29820

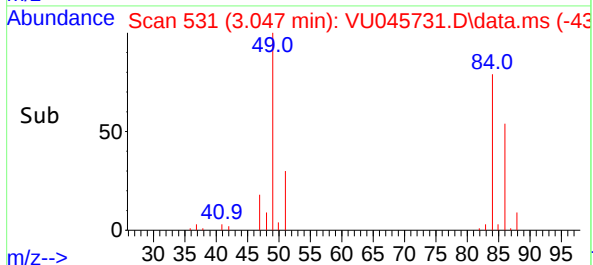
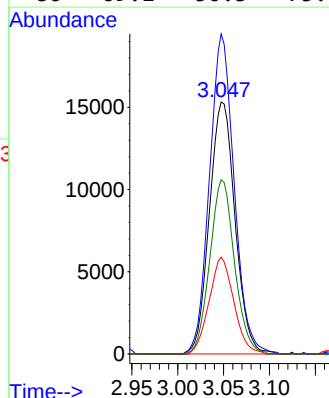
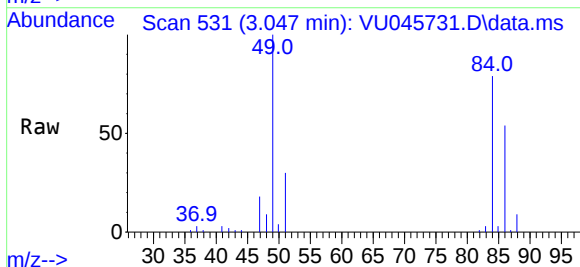
Ion Ratio Lower Upper

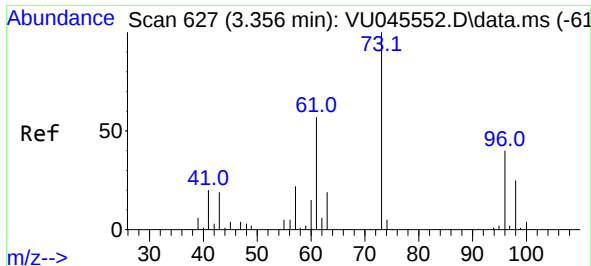
84 100

49 127.0 96.4 144.6

51 38.4 30.5 45.7

86 69.1 50.3 75.5

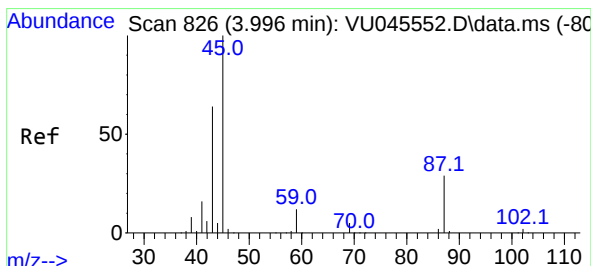
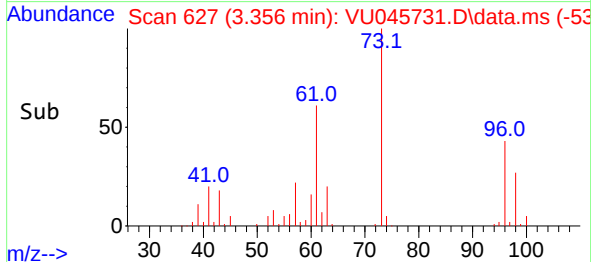
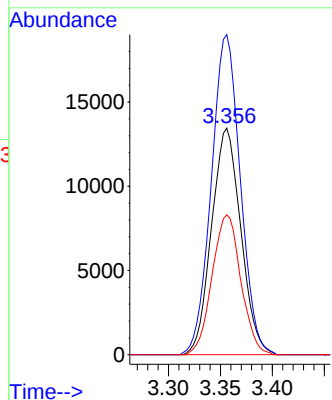
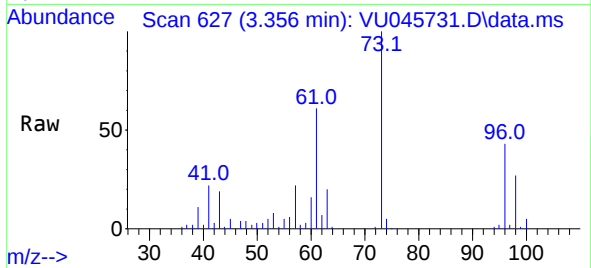




#21  
trans-1,2-Dichloroethene  
Concen: 20.545 ug/l  
RT: 3.356 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

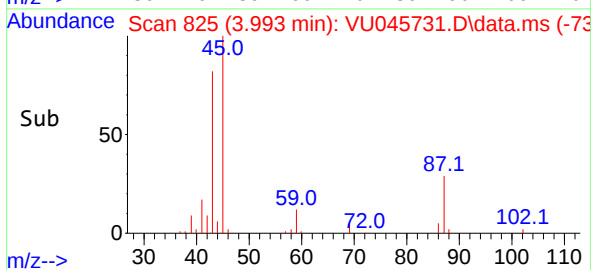
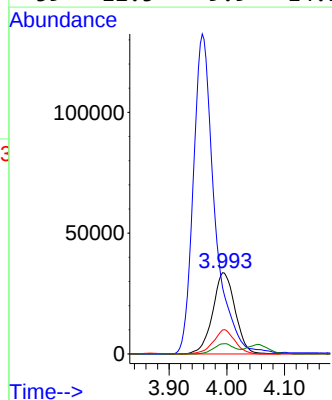
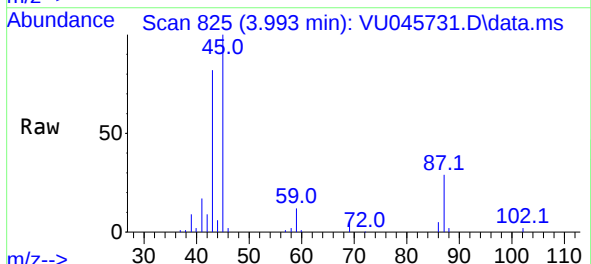
Instrument :  
MSVOA\_U  
ClientSampleId :

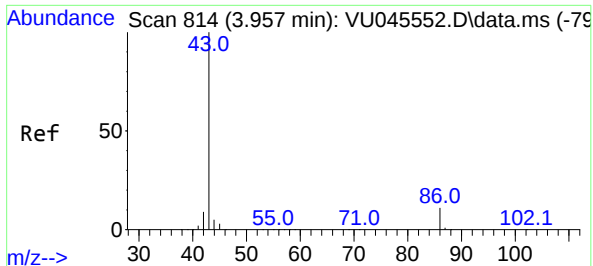
Tgt Ion: 96 Resp: 26363  
Ion Ratio Lower Upper  
96 100  
61 141.2 118.2 177.4  
98 61.7 52.1 78.1



#22  
Diisopropyl ether  
Concen: 20.998 ug/l  
RT: 3.993 min Scan# 825  
Delta R.T. -0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 45 Resp: 90803  
Ion Ratio Lower Upper  
45 100  
43 79.8 60.0 90.0  
87 29.5 22.3 33.5  
59 12.5 9.9 14.9

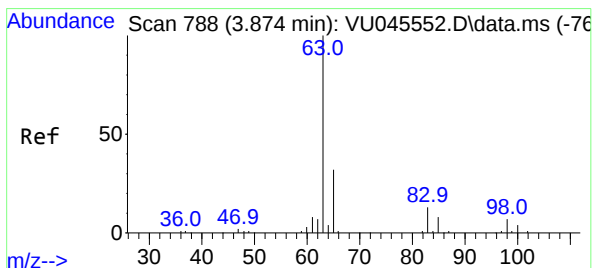
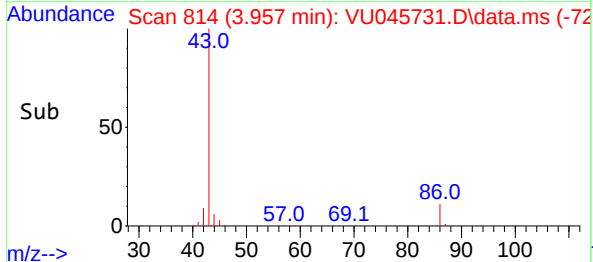
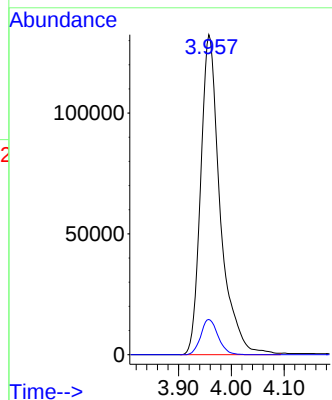
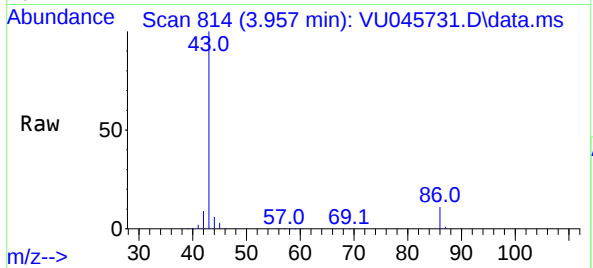




#23  
 Vinyl Acetate  
 Concen: 102.298 ug/l  
 RT: 3.957 min Scan# 814  
 Delta R.T. -0.000 min  
 Lab File: VU045731.D  
 Acq: 11 Nov 2021 12:17

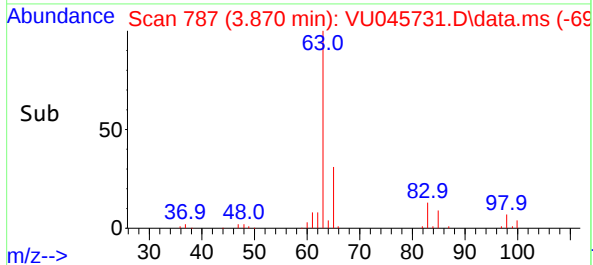
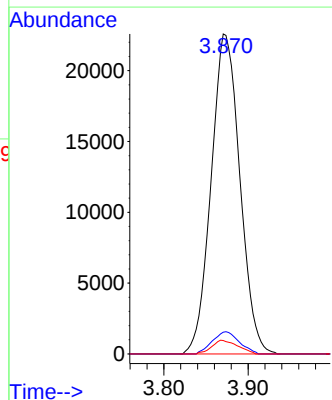
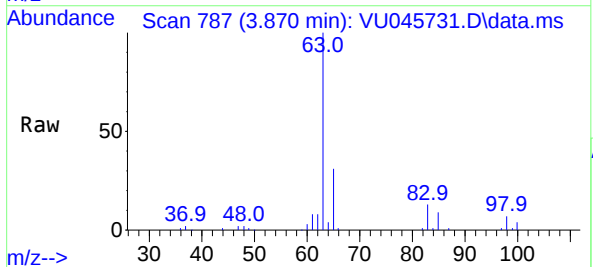
Instrument :  
 MSVOA\_U  
 ClientSampleId :

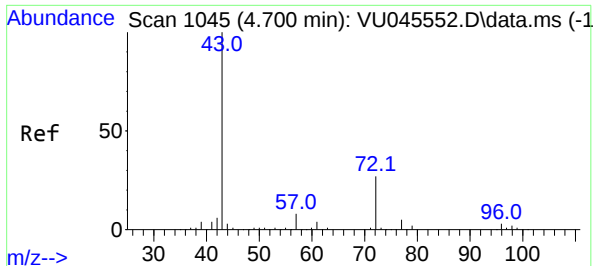
Tgt Ion: 43 Resp: 340233  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 8.9 13.3



#24  
 1,1-Dichloroethane  
 Concen: 20.744 ug/l  
 RT: 3.870 min Scan# 787  
 Delta R.T. -0.003 min  
 Lab File: VU045731.D  
 Acq: 11 Nov 2021 12:17

Tgt Ion: 63 Resp: 53455  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.5 10.6  
 100 4.2 2.4 7.2

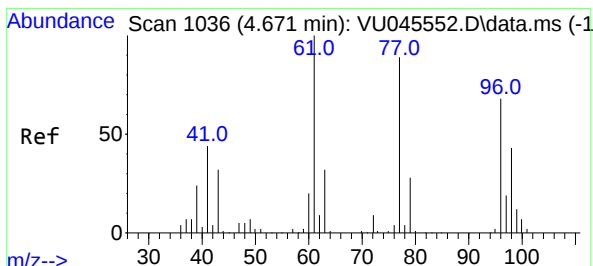
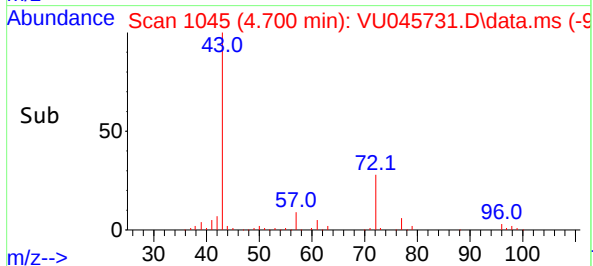
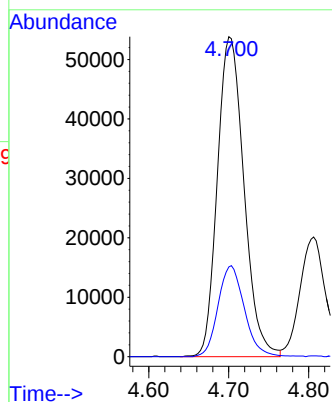
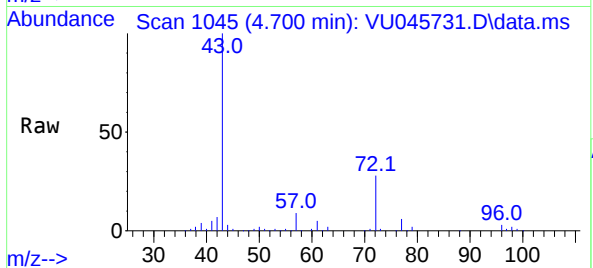




#25  
2-Butanone  
Concen: 104.699 ug/l  
RT: 4.700 min Scan# 1045  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

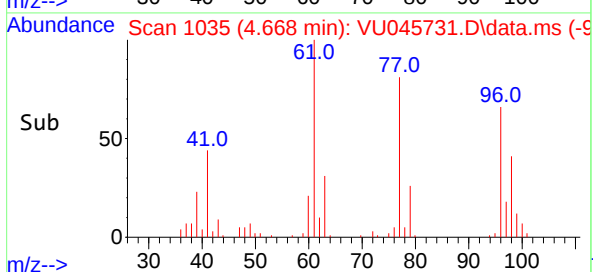
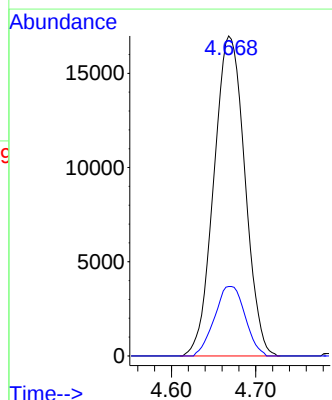
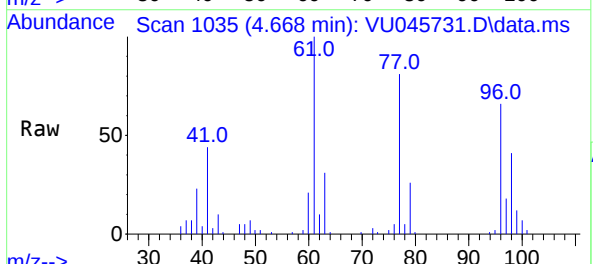
Instrument :  
MSVOA\_U  
ClientSampleId :

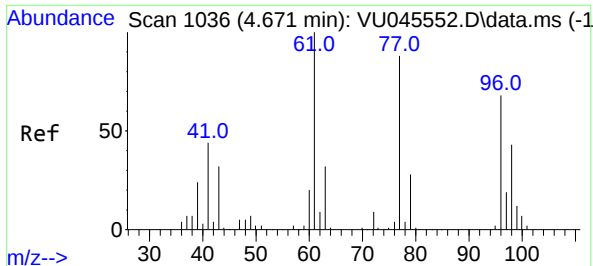
Tgt Ion: 43 Resp: 124111  
Ion Ratio Lower Upper  
43 100  
72 28.0 22.0 33.0



#26  
2,2-Dichloropropane  
Concen: 20.304 ug/l  
RT: 4.668 min Scan# 1035  
Delta R.T. -0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 77 Resp: 43356  
Ion Ratio Lower Upper  
77 100  
97 21.4 11.4 34.1

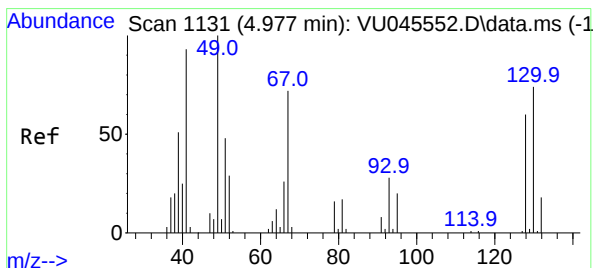
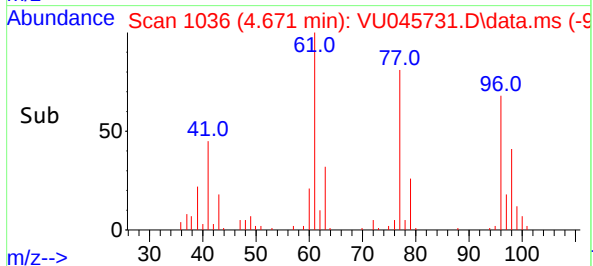
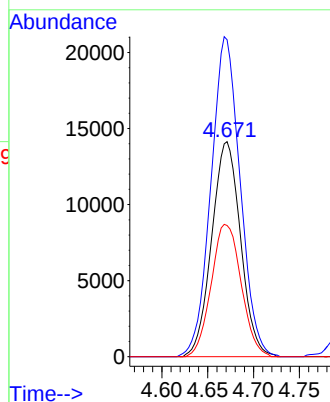
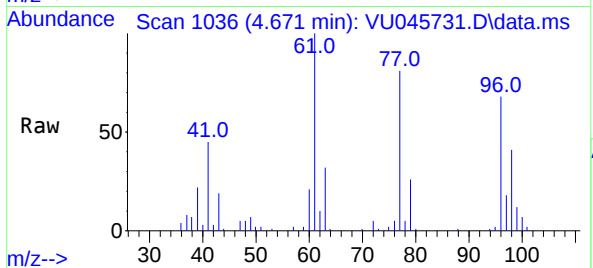




#27  
cis-1,2-Dichloroethene  
Concen: 20.541 ug/l  
RT: 4.671 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

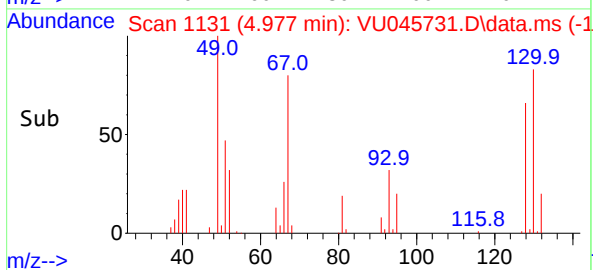
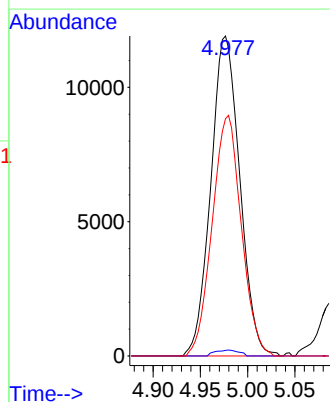
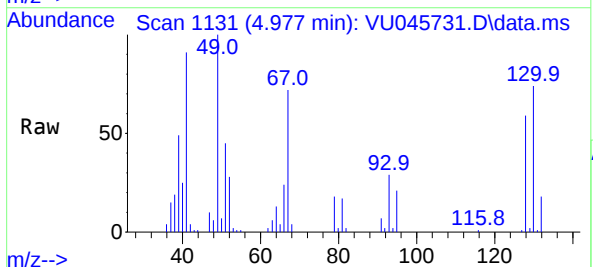
Instrument :  
MSVOA\_U  
ClientSampleId :

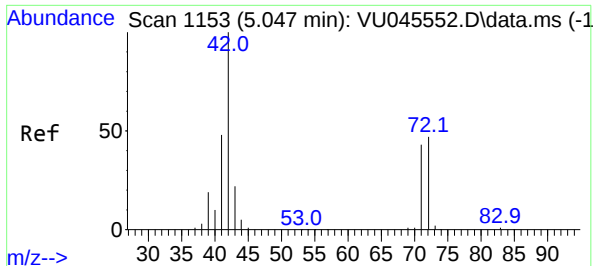
Tgt Ion: 96 Resp: 30958  
Ion Ratio Lower Upper  
96 100  
61 150.2 0.0 299.2  
98 63.8 0.0 127.6



#28  
Bromochloromethane  
Concen: 20.695 ug/l  
RT: 4.977 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 49 Resp: 25424  
Ion Ratio Lower Upper  
49 100  
129 1.5 0.0 3.4  
130 75.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 103.738 ug/l

RT: 5.050 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045731.D

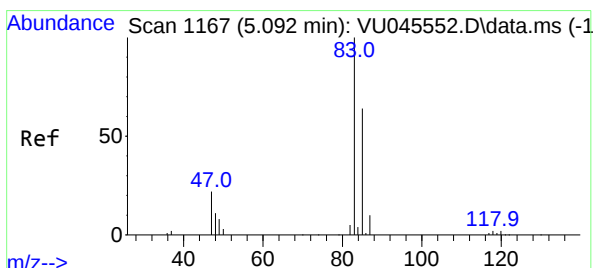
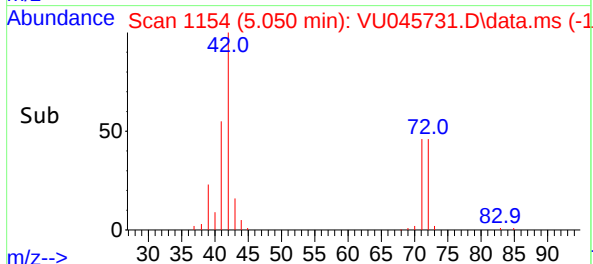
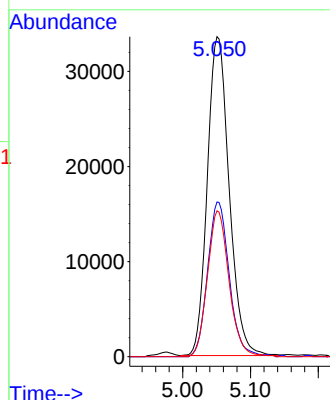
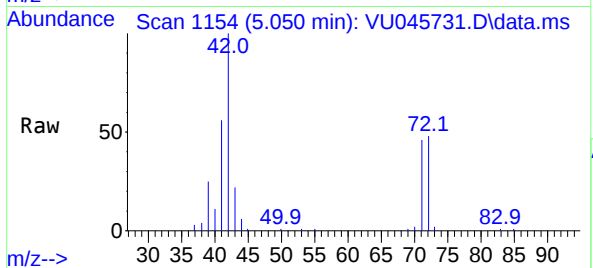
Acq: 11 Nov 2021 12:17

Instrument :

MSVOA\_U

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 75220 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 48.1  | 38.2  | 57.4  |
| 71        | 45.1  | 35.4  | 53.2  |



#30

Chloroform

Concen: 21.194 ug/l

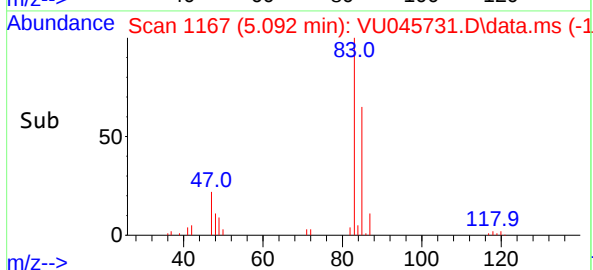
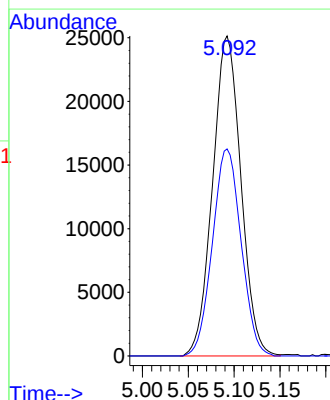
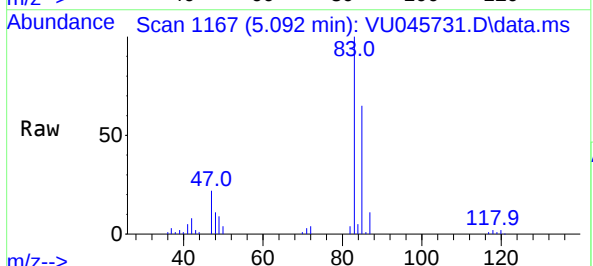
RT: 5.092 min Scan# 1167

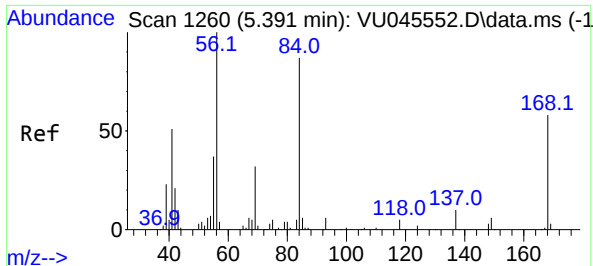
Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

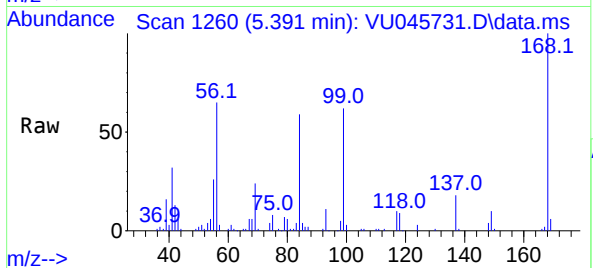
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 54013 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 64.7  | 52.0  | 78.0  |



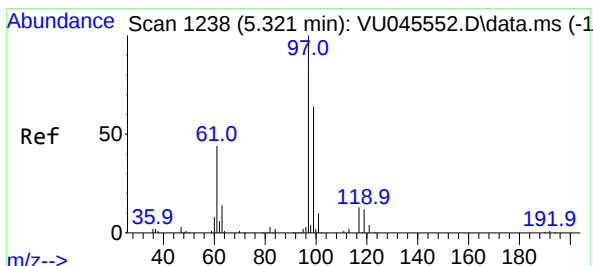
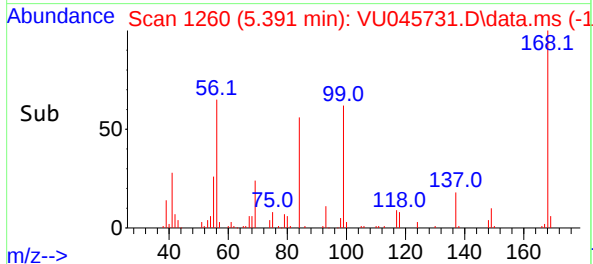
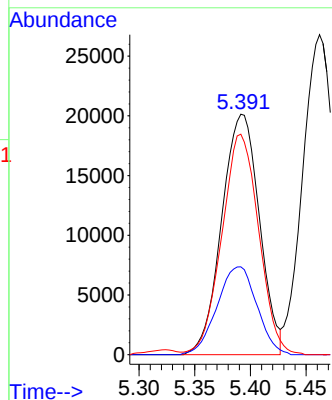


#31  
Cyclohexane  
Concen: 19.326 ug/l  
RT: 5.391 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Instrument :  
MSVOA\_U  
ClientSampleId :

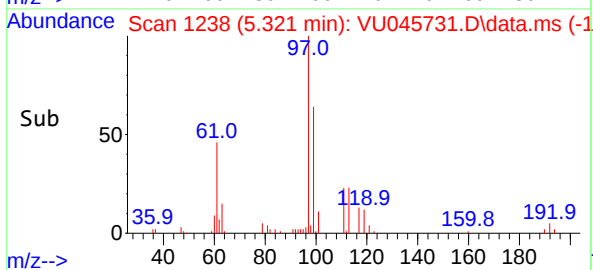
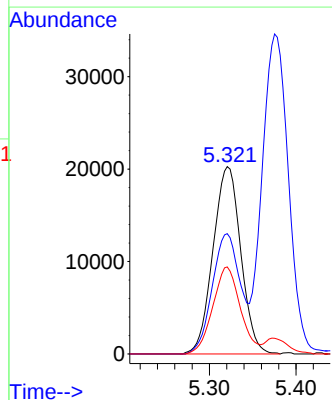
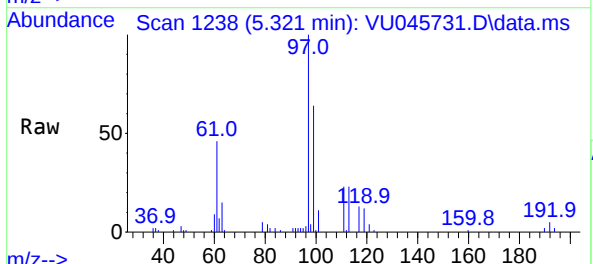


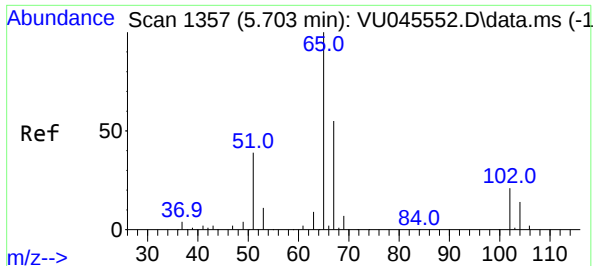
Tgt Ion: 56 Resp: 47344  
Ion Ratio Lower Upper  
56 100  
69 36.6 26.4 39.6  
84 90.7 68.4 102.6



#32  
1,1,1-Trichloroethane  
Concen: 20.812 ug/l  
RT: 5.321 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 97 Resp: 45232  
Ion Ratio Lower Upper  
97 100  
99 65.6 50.8 76.2  
61 46.2 38.3 57.5

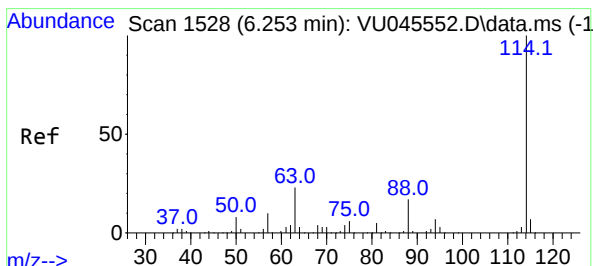
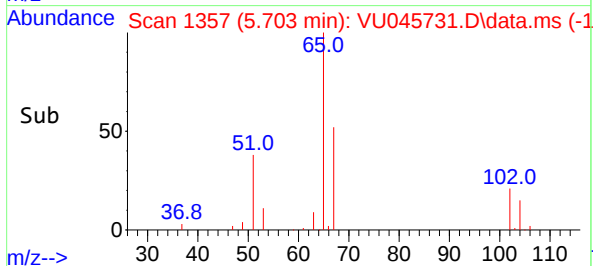
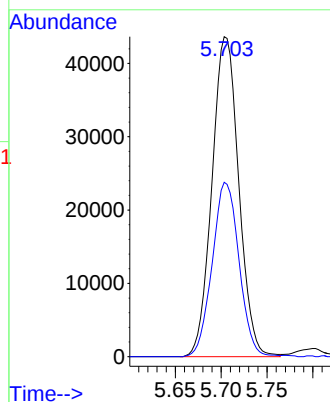
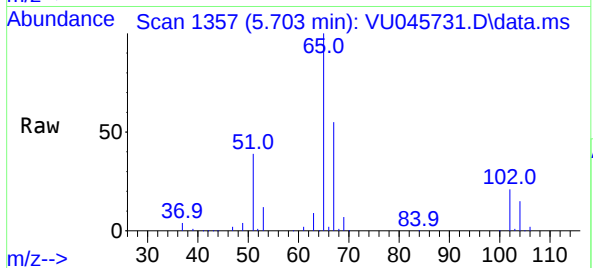




#33  
1,2-Dichloroethane-d4  
Concen: 52.854 ug/l  
RT: 5.703 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

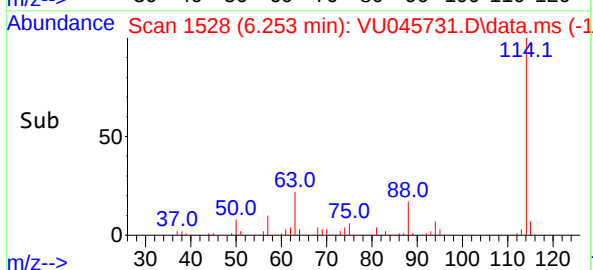
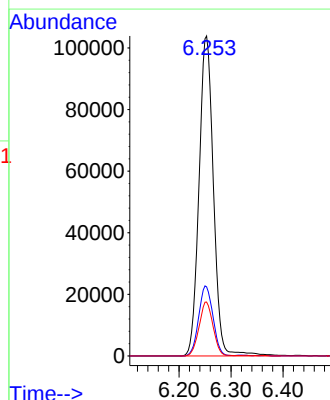
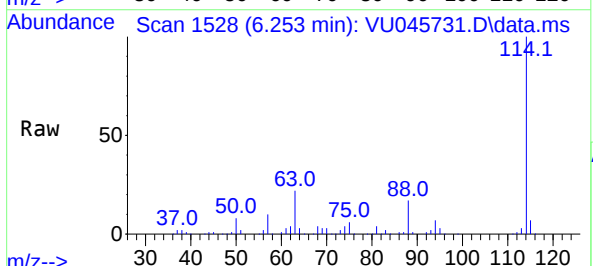
Instrument :  
MSVOA\_U  
ClientSampleId :

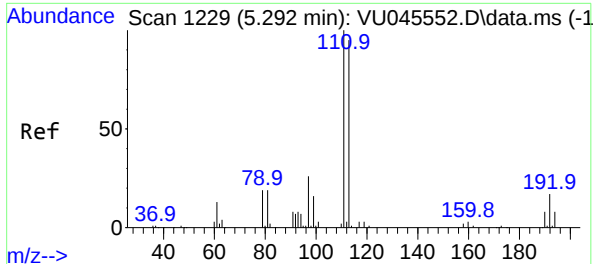
Tgt Ion: 65 Resp: 88741  
Ion Ratio Lower Upper  
65 100  
67 54.5 0.0 105.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.253 min Scan# 1528  
Delta R.T. 0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 114 Resp: 200424  
Ion Ratio Lower Upper  
114 100  
63 21.6 0.0 45.6  
88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.580 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.000 min

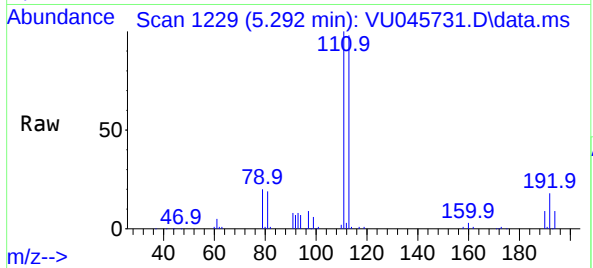
Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA\_U

ClientSampleId :



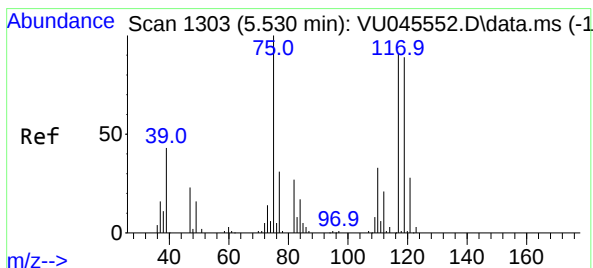
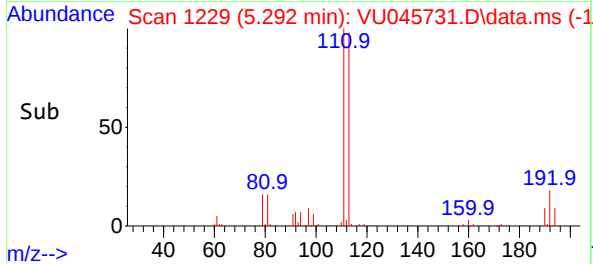
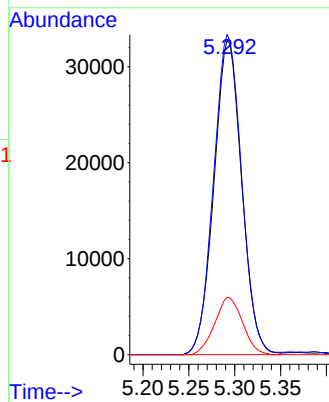
Tgt Ion:113 Resp: 69021

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 19.464 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

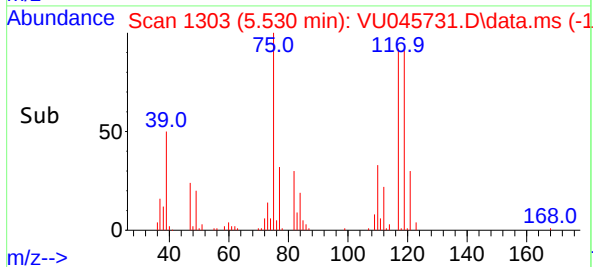
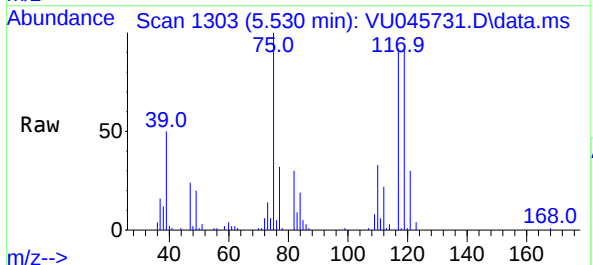
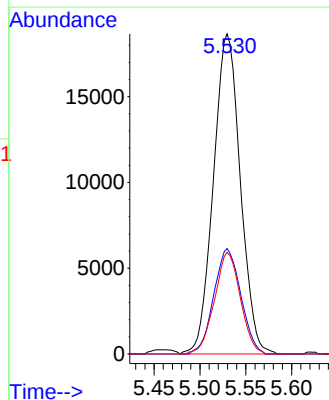
Tgt Ion: 75 Resp: 38039

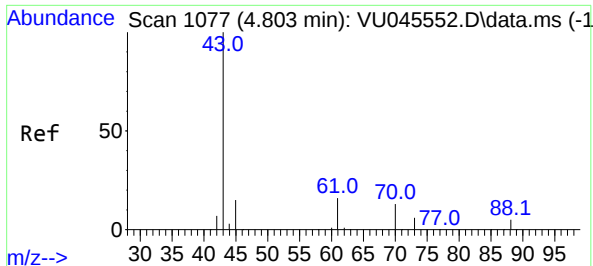
Ion Ratio Lower Upper

75 100

110 33.0 16.7 50.0

77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 20.141 ug/l

RT: 4.806 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU045731.D

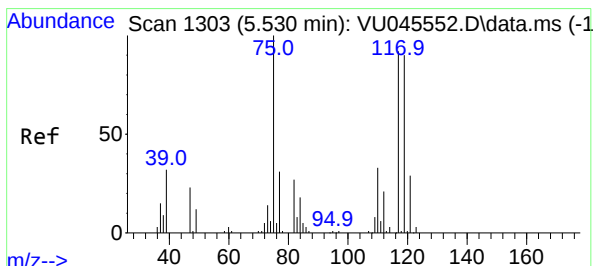
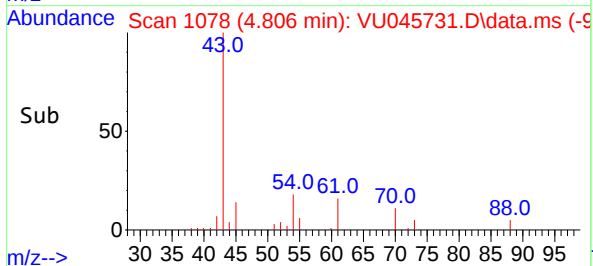
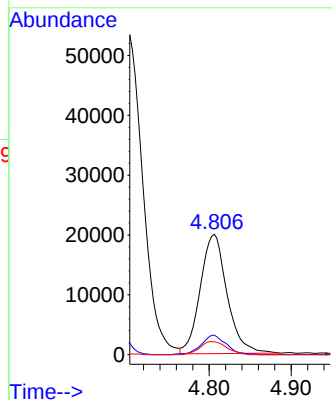
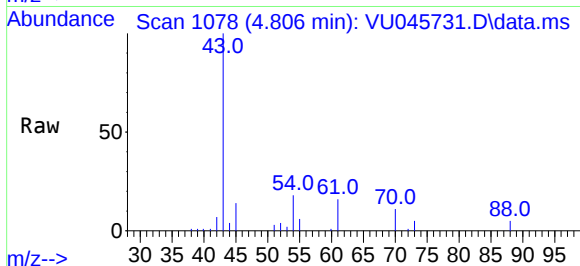
Acq: 11 Nov 2021 12:17

Instrument :

MSVOA\_U

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 45215    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 15.4 11.6 17.4 |
| 70          | 10.9 9.1 13.7  |



#38

Carbon Tetrachloride

Concen: 19.566 ug/l

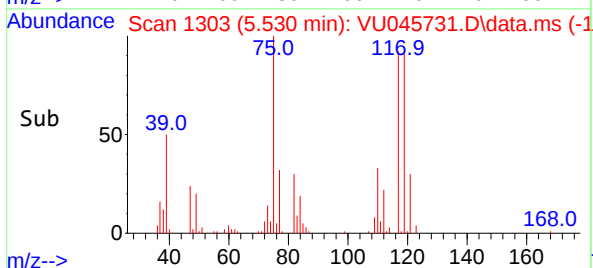
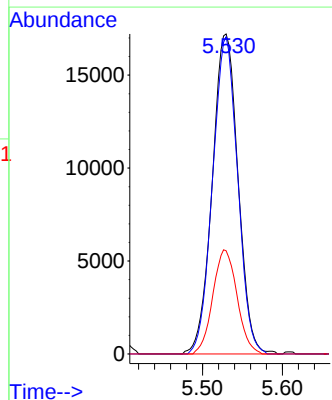
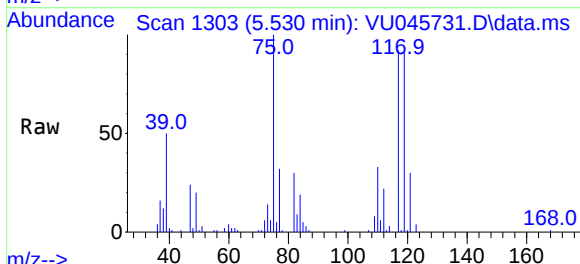
RT: 5.530 min Scan# 1303

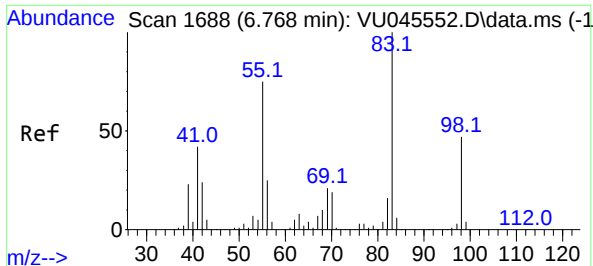
Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 38549     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 99.1 77.4 116.0 |
| 121          | 32.2 24.8 37.2  |





#39

Methylcyclohexane

Concen: 18.692 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA\_U

ClientSampleId :

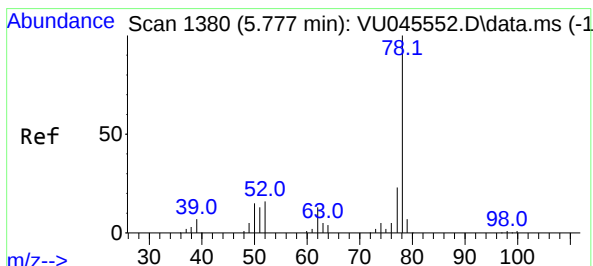
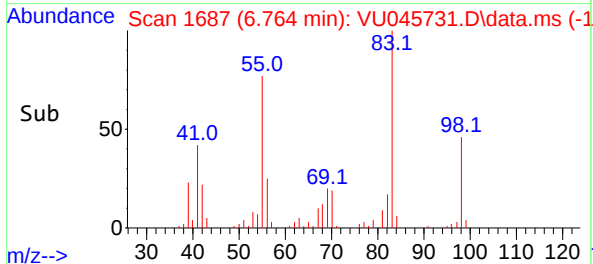
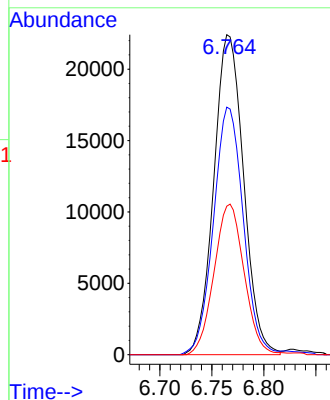
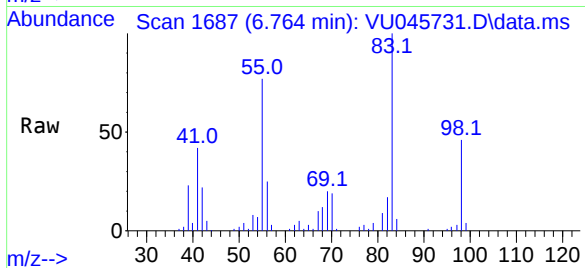
Tgt Ion: 83 Resp: 44815

Ion Ratio Lower Upper

83 100

55 77.3 63.6 95.4

98 46.4 37.1 55.7



#40

Benzene

Concen: 19.701 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU045731.D

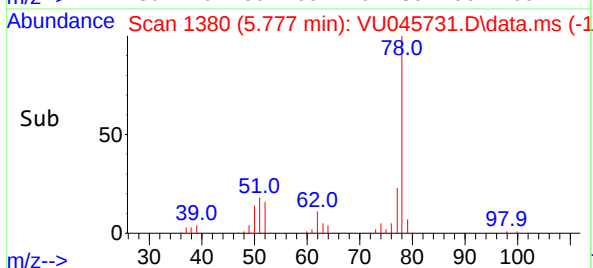
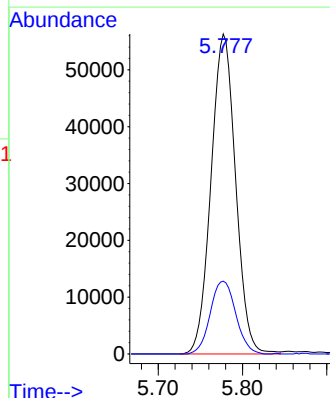
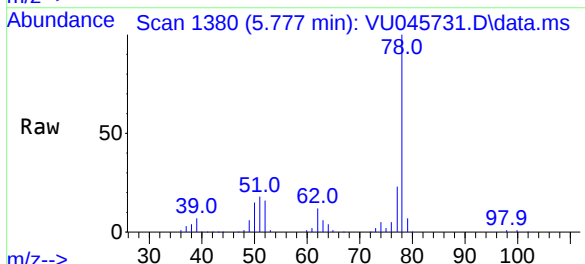
Acq: 11 Nov 2021 12:17

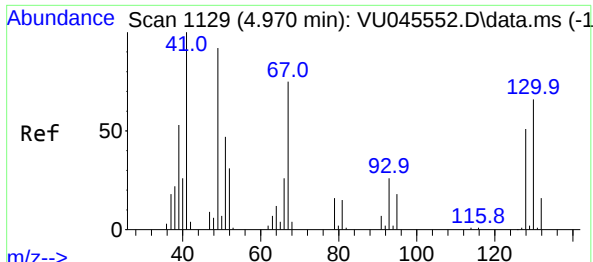
Tgt Ion: 78 Resp: 113987

Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.4



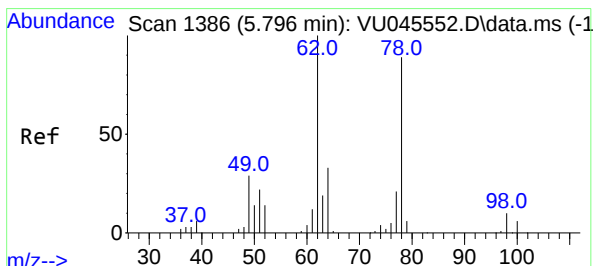
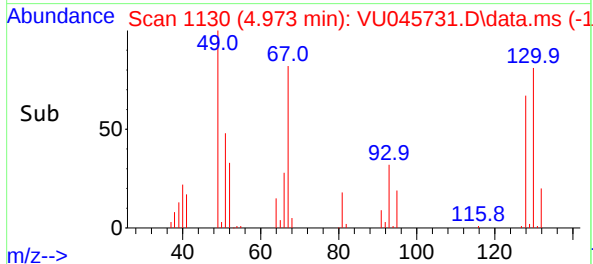
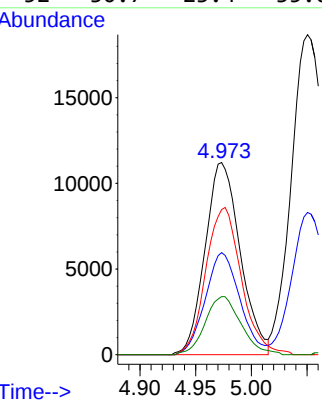
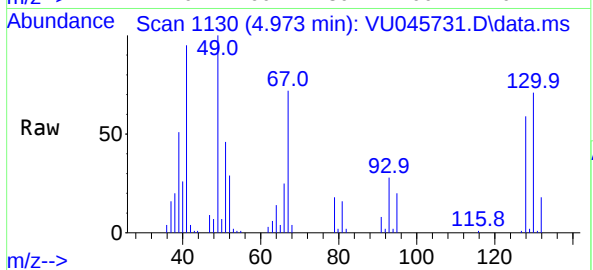


#41  
Methacrylonitrile  
Concen: 20.796 ug/l  
RT: 4.973 min Scan# 1129  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 41 Resp: 24671

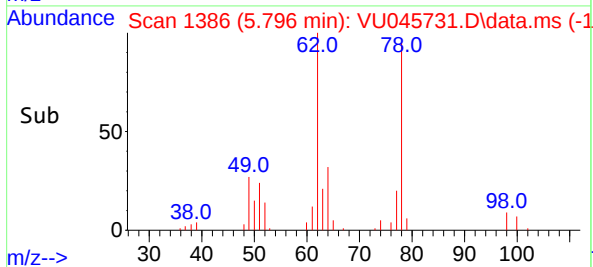
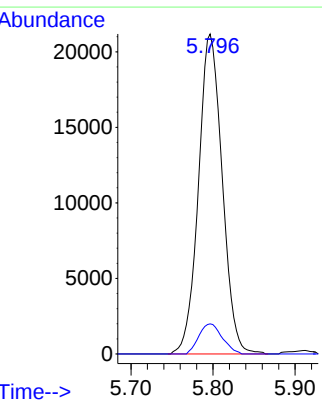
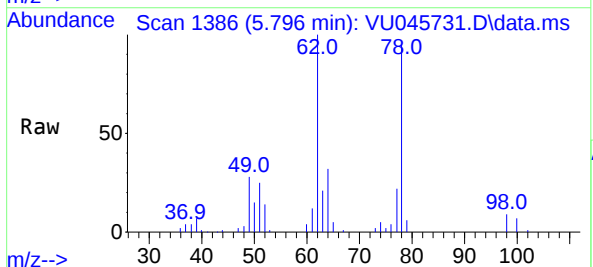
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 52.6  | 43.4  | 65.0  |
| 67  | 77.4  | 61.0  | 91.4  |
| 52  | 30.7  | 23.4  | 35.0  |

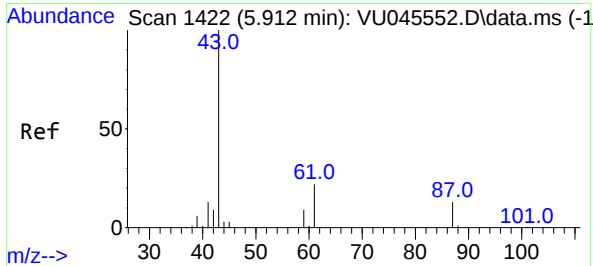


#42  
1,2-Dichloroethane  
Concen: 20.410 ug/l  
RT: 5.796 min Scan# 1386  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 62 Resp: 42655

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.3   | 0.0   | 18.4  |



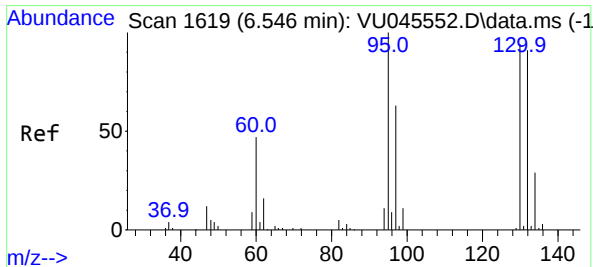
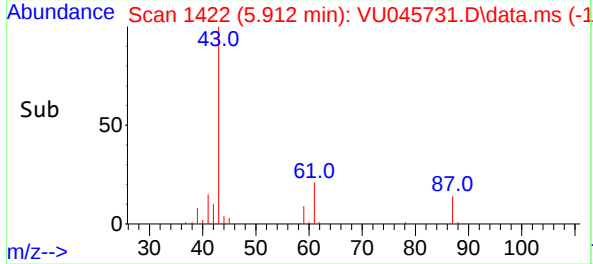
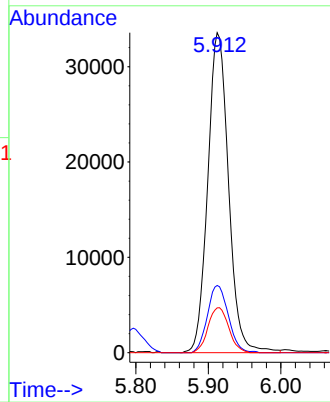
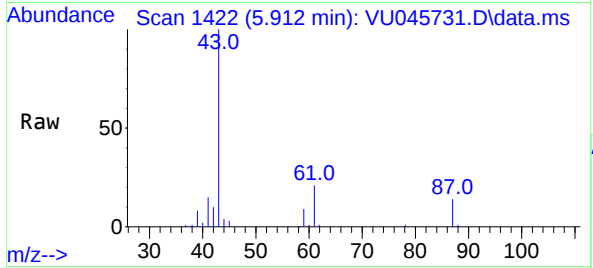


#43  
Isopropyl Acetate  
Concen: 19.473 ug/l  
RT: 5.912 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 43 Resp: 66863

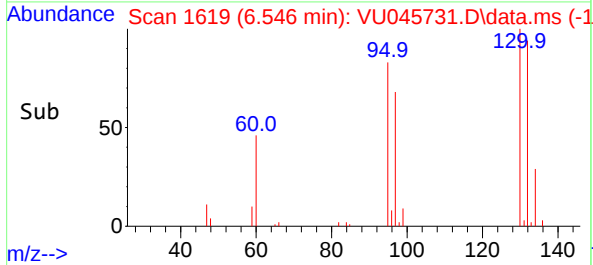
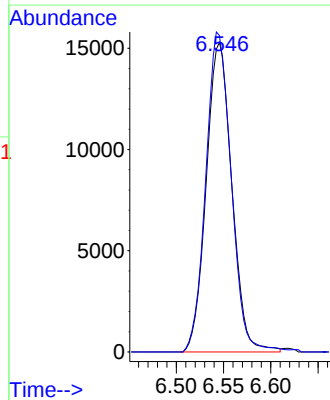
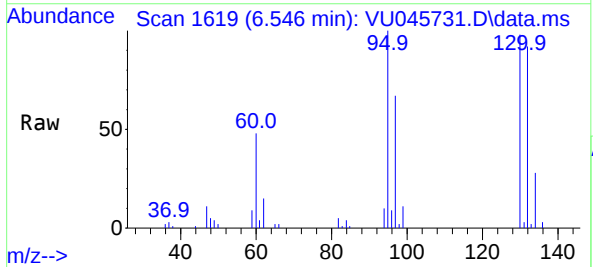
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 21.1  | 16.9  | 25.3  |
| 87  | 14.0  | 11.0  | 16.4  |

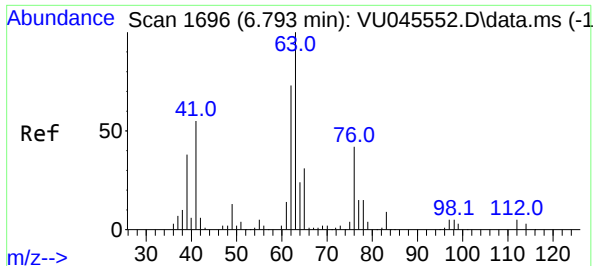


#44  
Trichloroethene  
Concen: 20.759 ug/l  
RT: 6.546 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 130 Resp: 28750

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 102.2 | 0.0   | 211.4 |





#45

1,2-Dichloropropane

Concen: 20.712 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA\_U

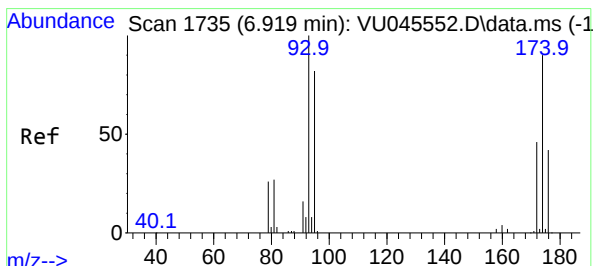
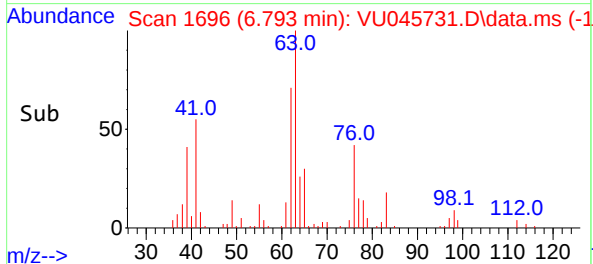
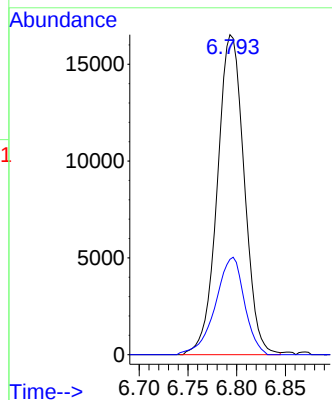
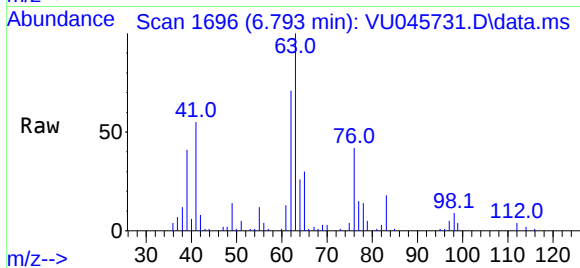
ClientSampleId :

Tgt Ion: 63 Resp: 31710

Ion Ratio Lower Upper

63 100

65 29.8 25.7 38.5



#46

Dibromomethane

Concen: 20.376 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

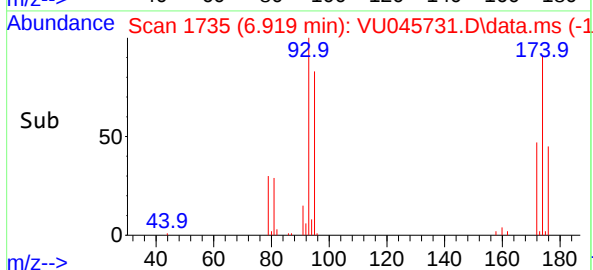
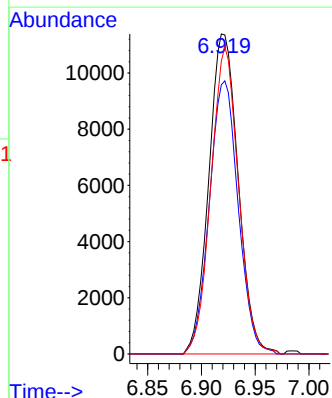
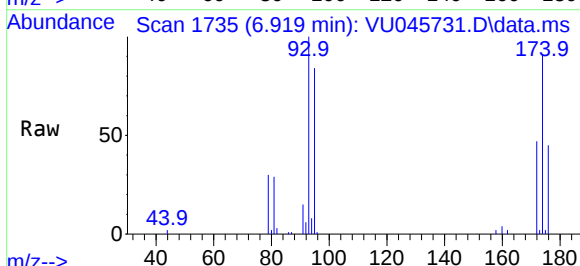
Tgt Ion: 93 Resp: 21615

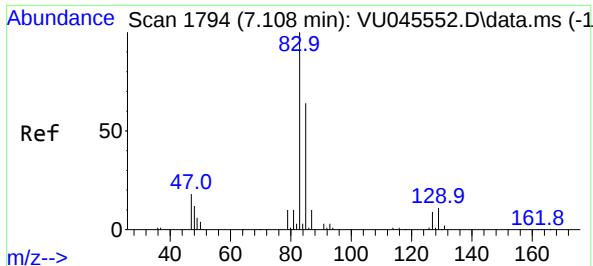
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.2

174 90.4 71.0 106.6

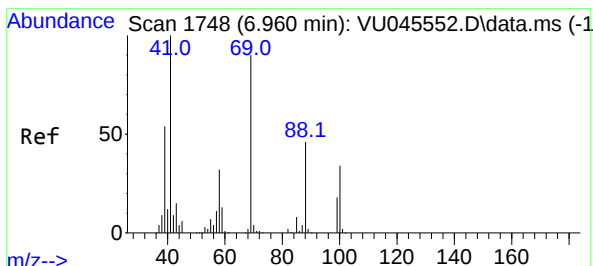
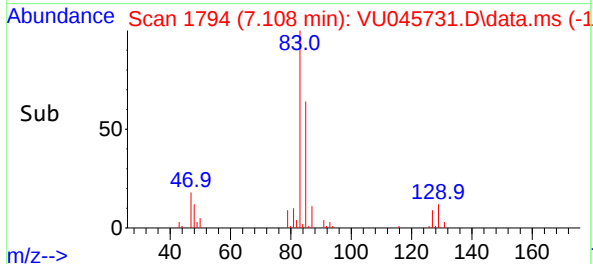
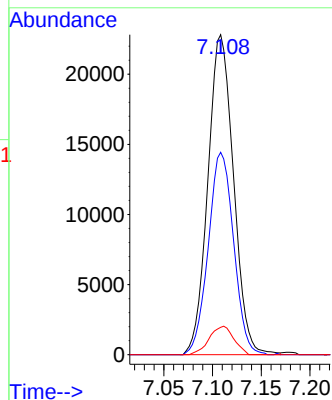
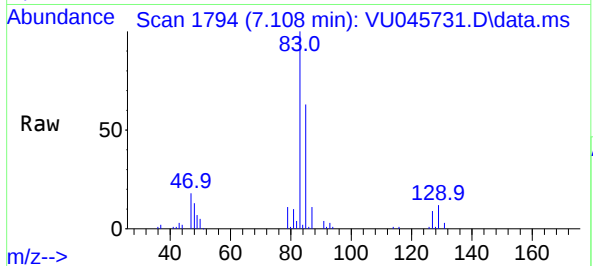




#47  
Bromodichloromethane  
Concen: 20.786 ug/l  
RT: 7.108 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

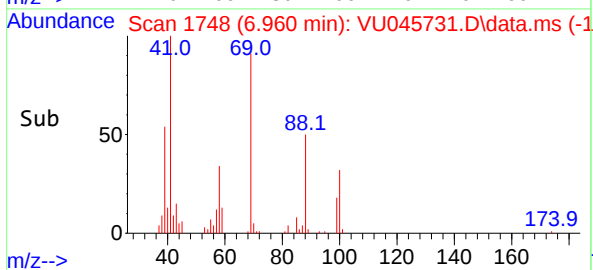
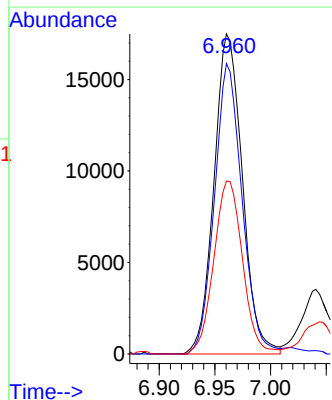
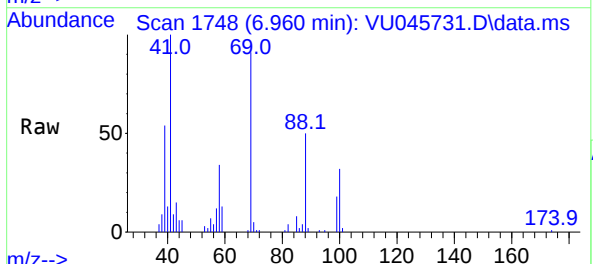
Instrument :  
MSVOA\_U  
ClientSampleId :

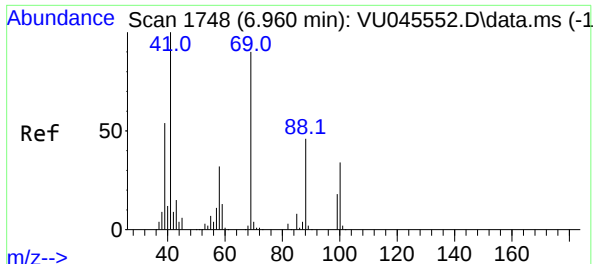
Tgt Ion: 83 Resp: 41837  
Ion Ratio Lower Upper  
83 100  
85 63.3 49.8 74.6  
127 8.6 6.2 9.2



#48  
Methyl methacrylate  
Concen: 19.622 ug/l  
RT: 6.960 min Scan# 1748  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 41 Resp: 31011  
Ion Ratio Lower Upper  
41 100  
69 88.2 70.2 105.2  
39 54.6 43.9 65.9

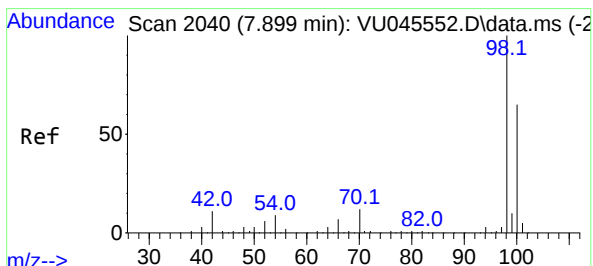
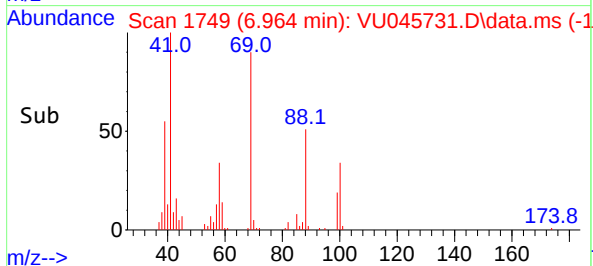
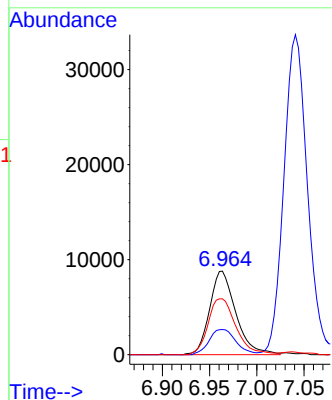
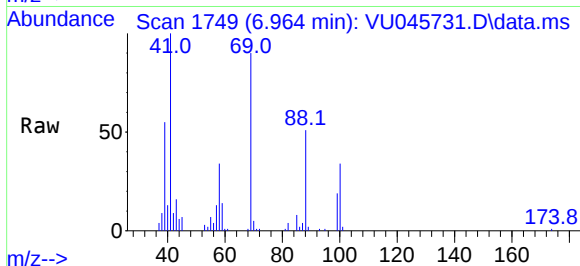




#49  
1,4-Dioxane  
Concen: 417.464 ug/l  
RT: 6.964 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

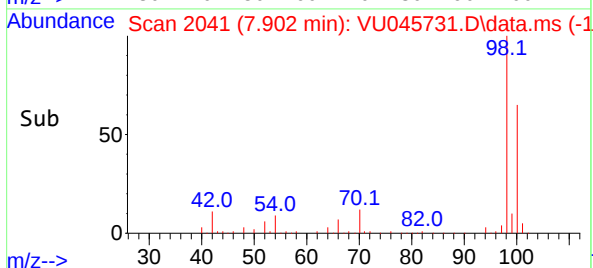
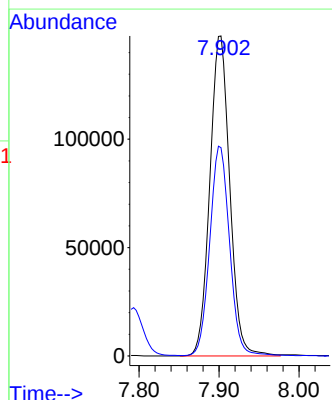
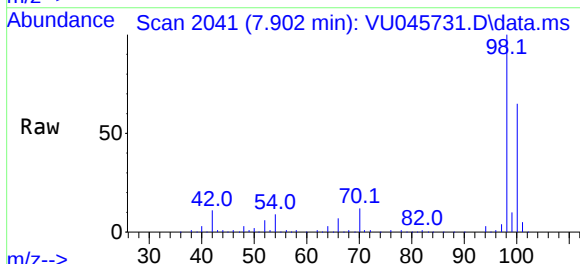
Instrument :  
MSVOA\_U  
ClientSampleId :

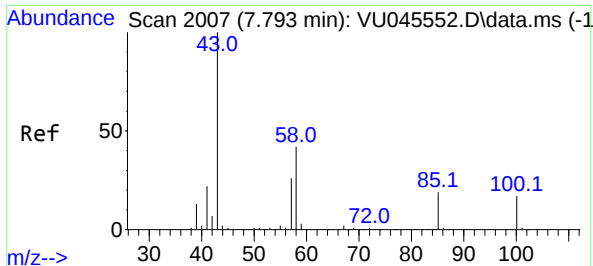
Tgt Ion: 88 Resp: 16967  
Ion Ratio Lower Upper  
88 100  
43 30.8 0.0 0.0#  
58 70.7 58.7 88.1



#50  
Toluene-d8  
Concen: 51.350 ug/l  
RT: 7.902 min Scan# 2041  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 98 Resp: 255506  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 102.004 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA\_U

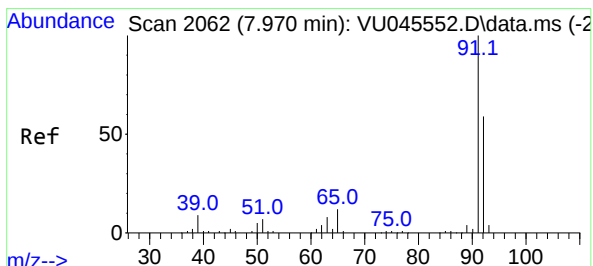
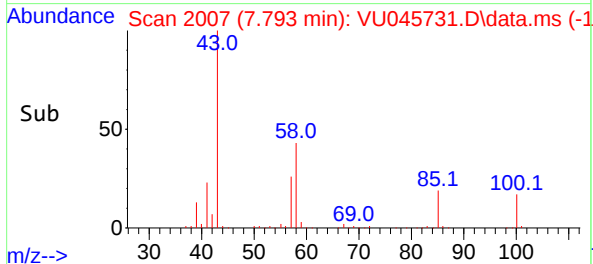
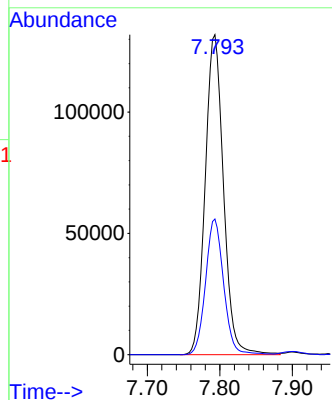
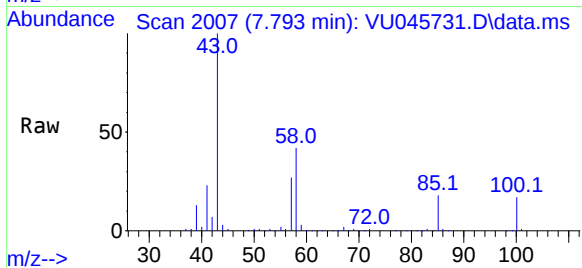
ClientSampleId :

Tgt Ion: 43 Resp: 231044

Ion Ratio Lower Upper

43 100

58 41.9 33.8 50.8



#52

Toluene

Concen: 20.561 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU045731.D

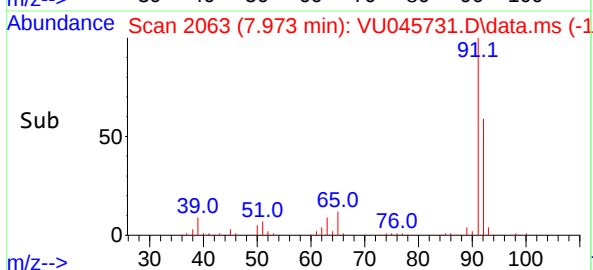
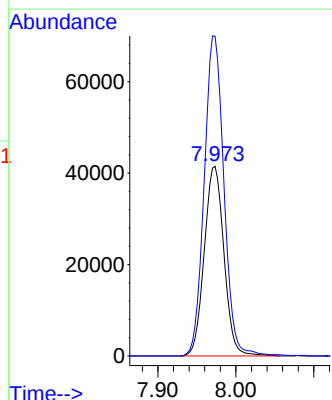
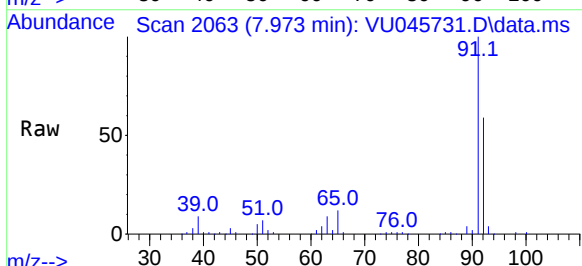
Acq: 11 Nov 2021 12:17

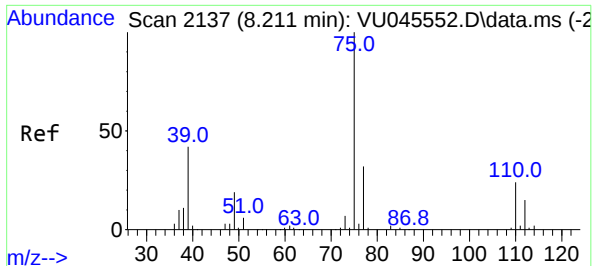
Tgt Ion: 92 Resp: 72832

Ion Ratio Lower Upper

92 100

91 169.3 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 18.209 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA\_U

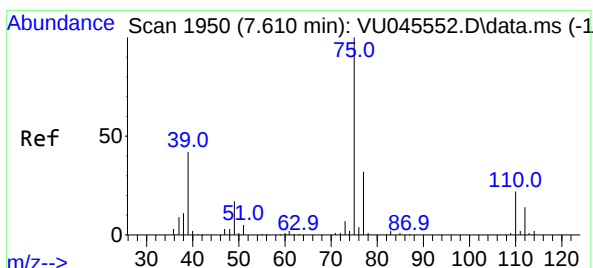
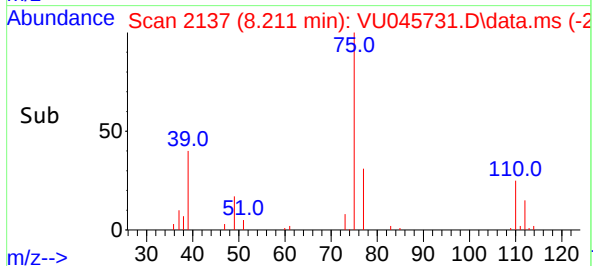
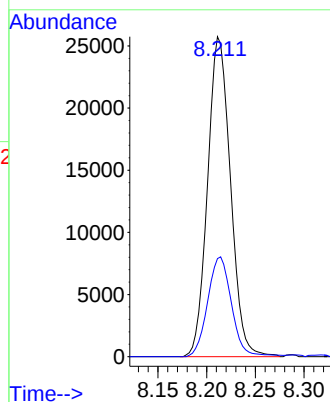
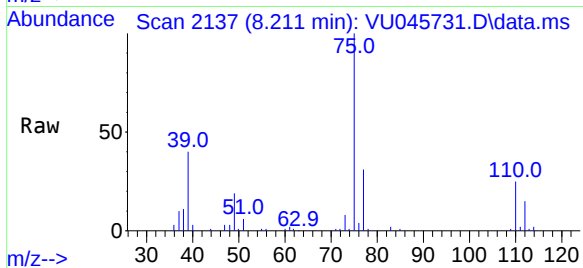
ClientSampleId :

Tgt Ion: 75 Resp: 42121

Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 19.754 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

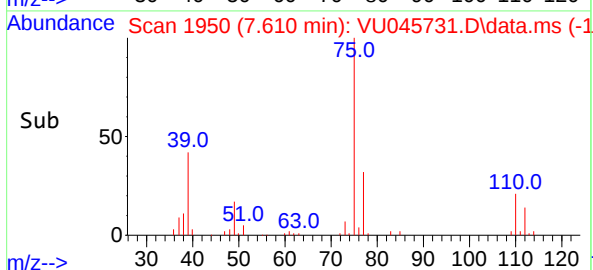
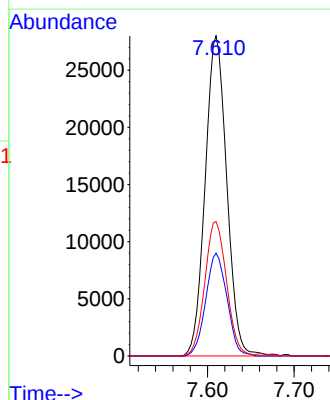
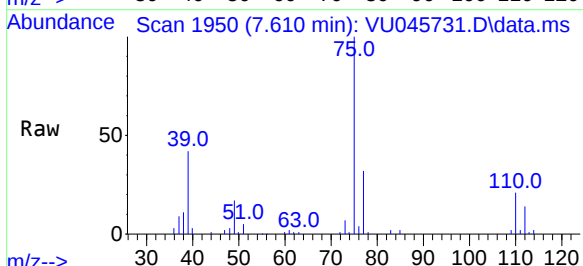
Tgt Ion: 75 Resp: 48536

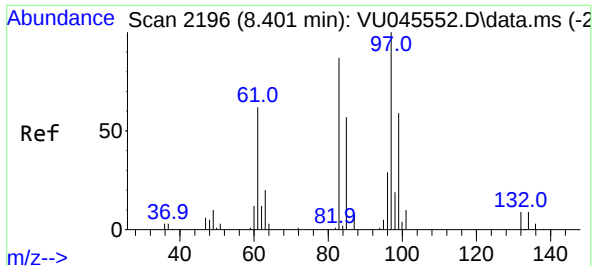
Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0

39 42.0 37.1 55.7



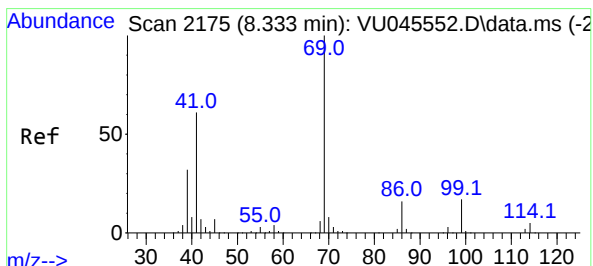
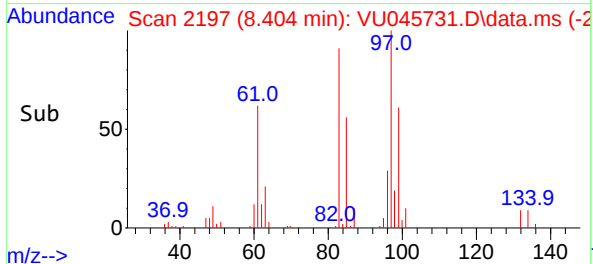
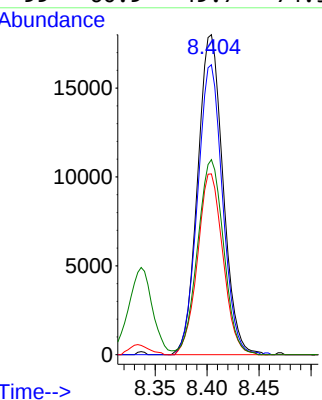
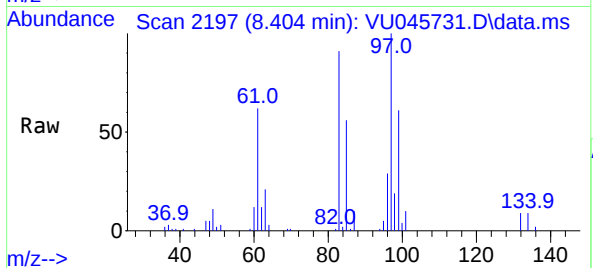


#55  
1,1,2-Trichloroethane  
Concen: 20.830 ug/l  
RT: 8.404 min Scan# 2196  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 97 Resp: 30581

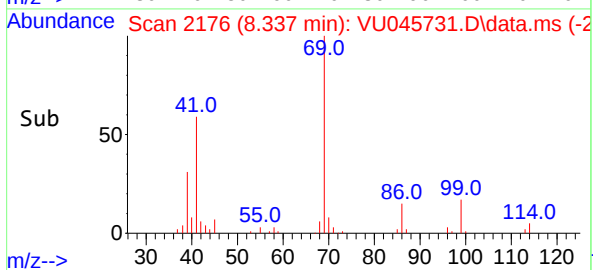
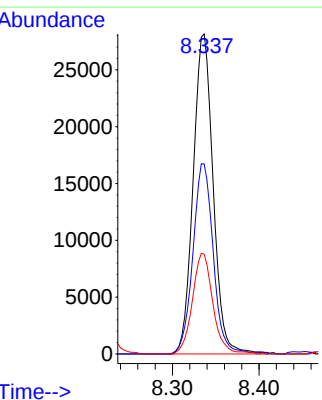
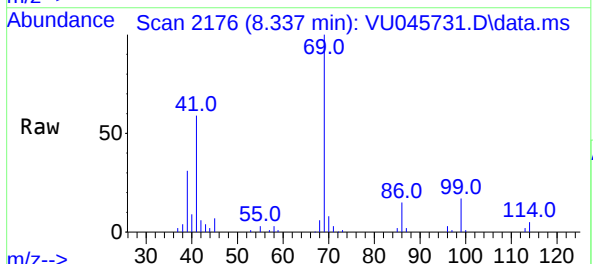
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 90.6  | 70.3  | 105.5 |
| 85  | 56.5  | 45.5  | 68.3  |
| 99  | 60.9  | 49.7  | 74.5  |

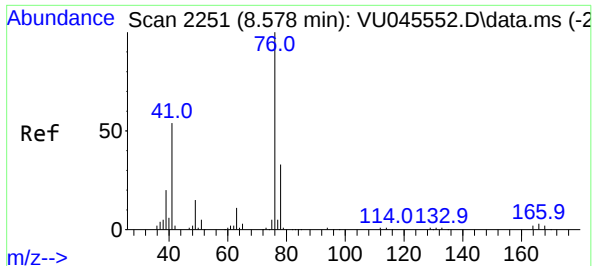


#56  
Ethyl methacrylate  
Concen: 18.731 ug/l  
RT: 8.337 min Scan# 2176  
Delta R.T. 0.004 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 69 Resp: 45128

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 60.5  | 51.0  | 76.4  |
| 39  | 32.2  | 26.6  | 39.8  |

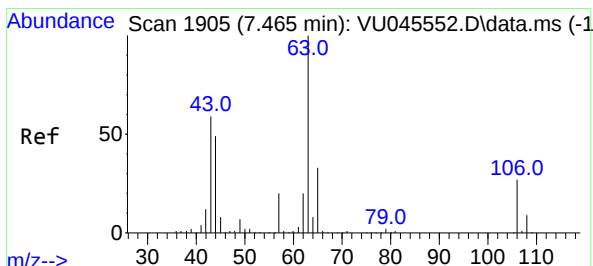
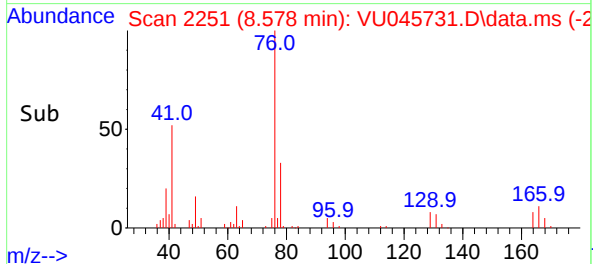
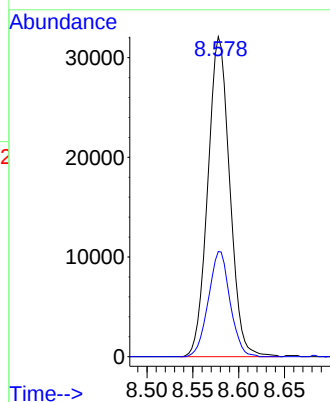
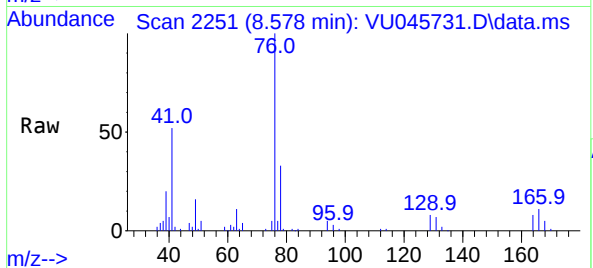




#57  
1,3-Dichloropropane  
Concen: 20.177 ug/l  
RT: 8.578 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

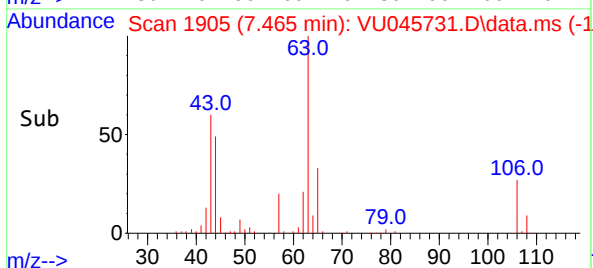
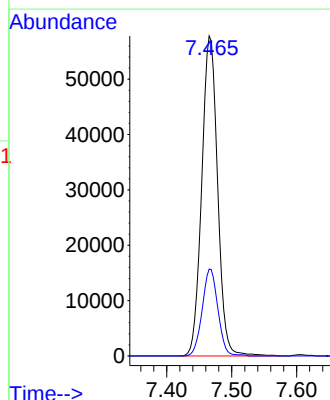
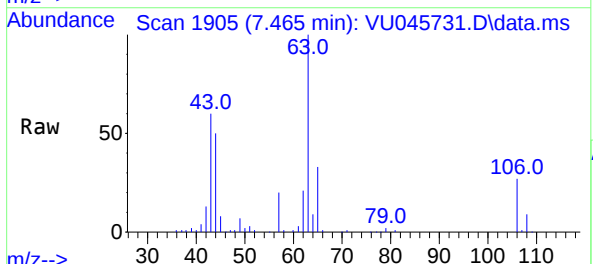
Instrument :  
MSVOA\_U  
ClientSampleId :

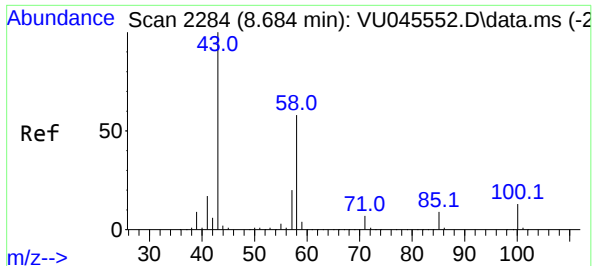
Tgt Ion: 76 Resp: 53353  
Ion Ratio Lower Upper  
76 100  
78 32.5 25.8 38.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 72.851 ug/l  
RT: 7.465 min Scan# 1905  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 63 Resp: 98464  
Ion Ratio Lower Upper  
63 100  
106 26.8 21.0 31.4





#59

2-Hexanone

Concen: 92.631 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA\_U

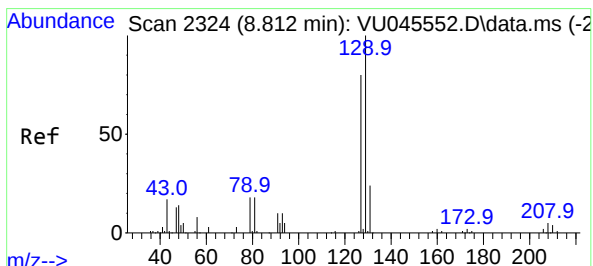
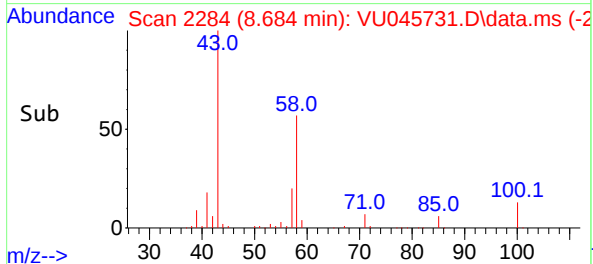
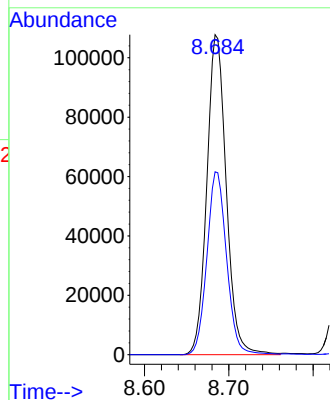
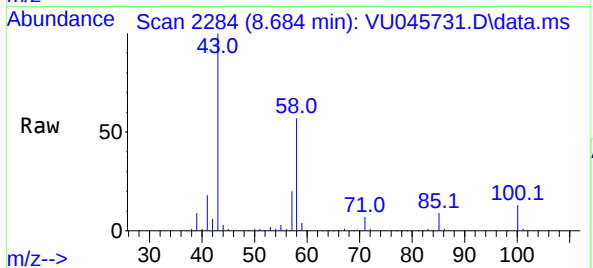
ClientSampleId :

Tgt Ion: 43 Resp: 172928

Ion Ratio Lower Upper

43 100

58 57.9 29.5 88.6



#60

Dibromochloromethane

Concen: 20.236 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. -0.000 min

Lab File: VU045731.D

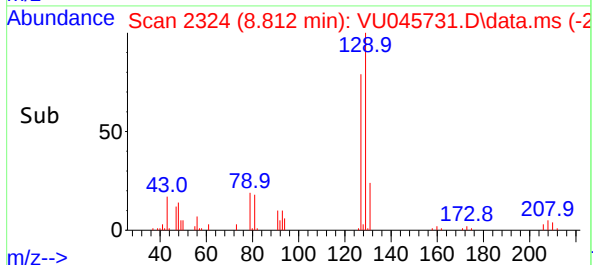
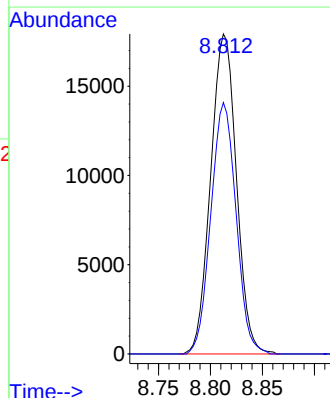
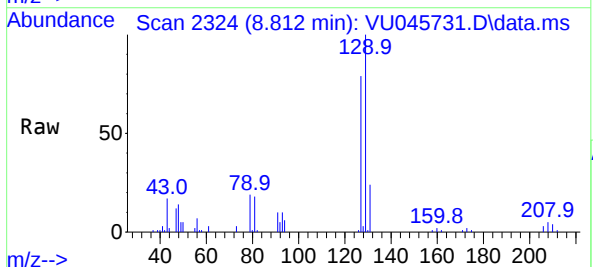
Acq: 11 Nov 2021 12:17

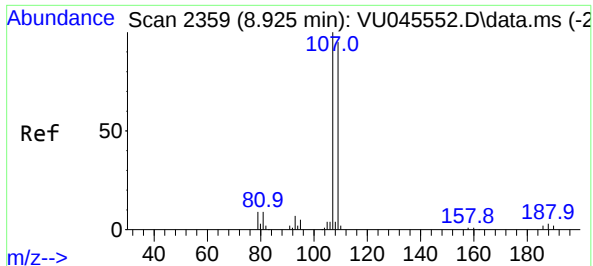
Tgt Ion:129 Resp: 30935

Ion Ratio Lower Upper

129 100

127 76.9 38.5 115.3

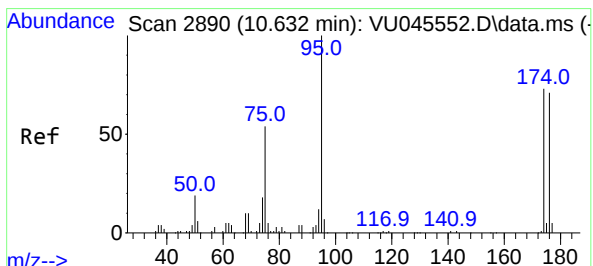
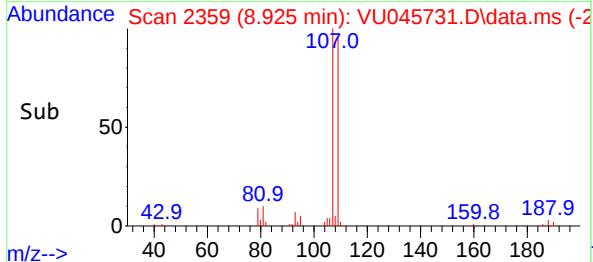
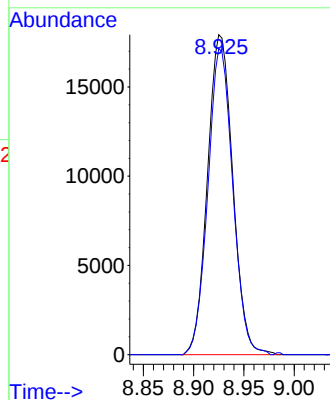
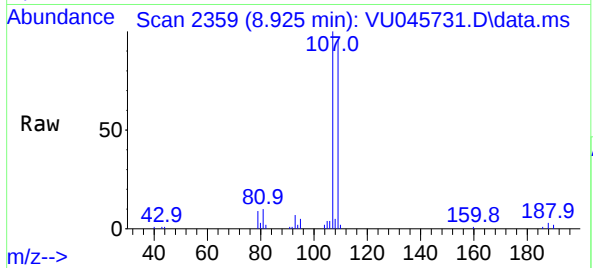




#61  
1,2-Dibromoethane  
Concen: 19.944 ug/l  
RT: 8.925 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

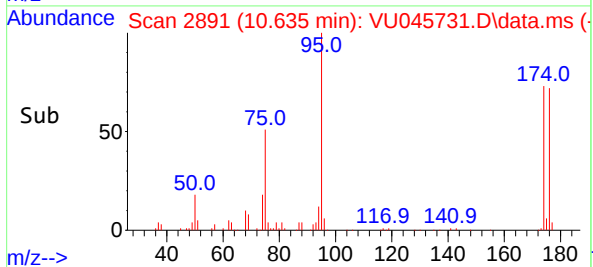
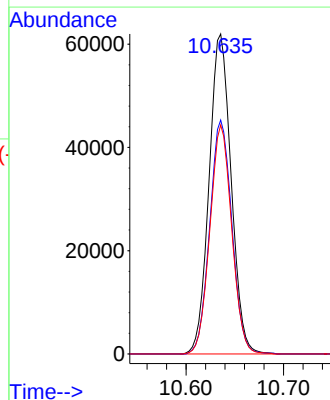
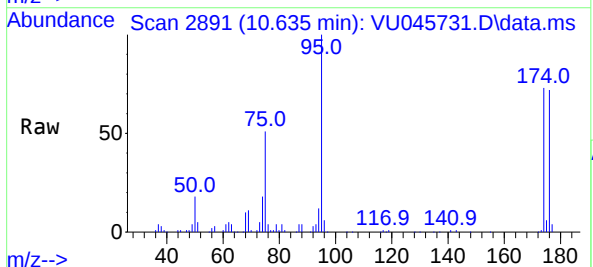
Instrument :  
MSVOA\_U  
ClientSampleId :

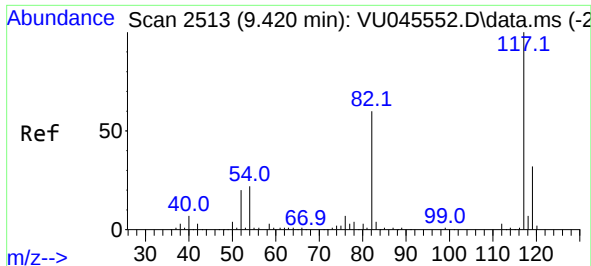
Tgt Ion:107 Resp: 31403  
Ion Ratio Lower Upper  
107 100  
109 94.1 75.8 113.8



#62  
4-Bromofluorobenzene  
Concen: 48.798 ug/l  
RT: 10.635 min Scan# 2891  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 95 Resp: 97366  
Ion Ratio Lower Upper  
95 100  
174 73.4 0.0 141.8  
176 70.7 0.0 138.2

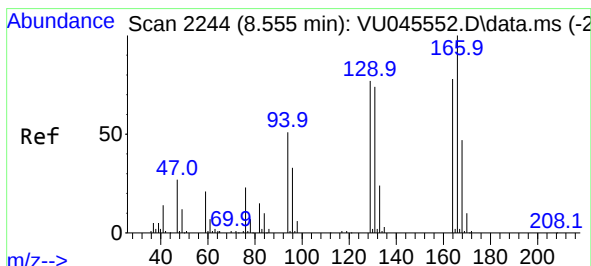
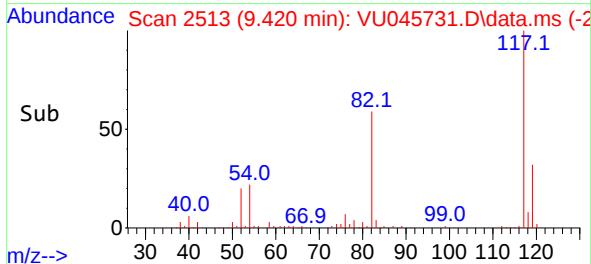
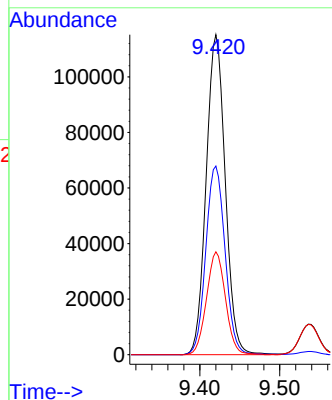
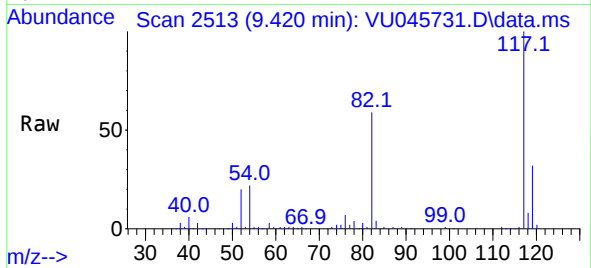




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

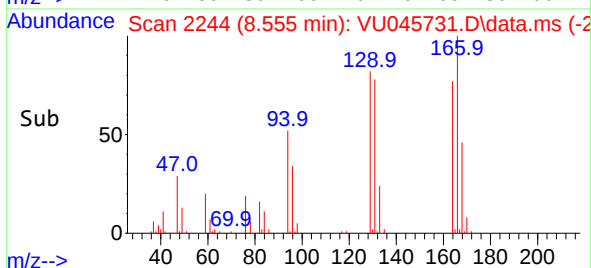
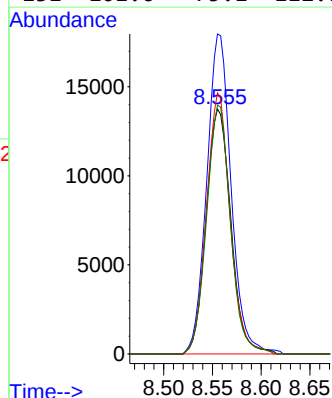
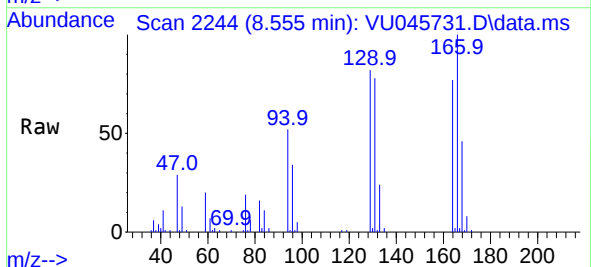
Instrument :  
MSVOA\_U  
ClientSampleId :

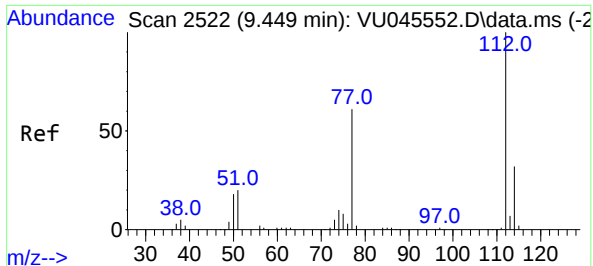
Tgt Ion:117 Resp: 191570  
Ion Ratio Lower Upper  
117 100  
82 58.9 47.8 71.8  
119 32.1 25.8 38.8



#64  
Tetrachloroethene  
Concen: 22.190 ug/l  
RT: 8.555 min Scan# 2244  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion:164 Resp: 24399  
Ion Ratio Lower Upper  
164 100  
166 130.6 102.2 153.4  
129 106.6 78.2 117.4  
131 101.6 75.1 112.7

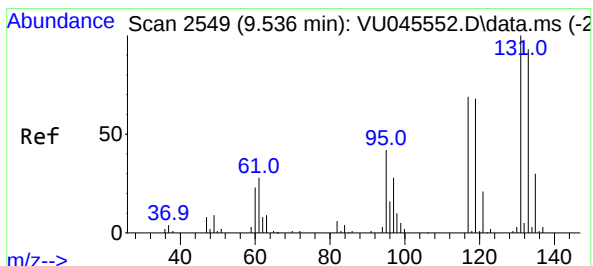
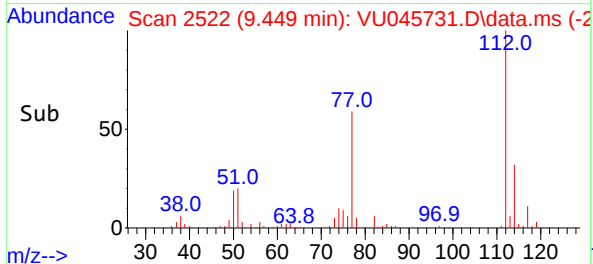
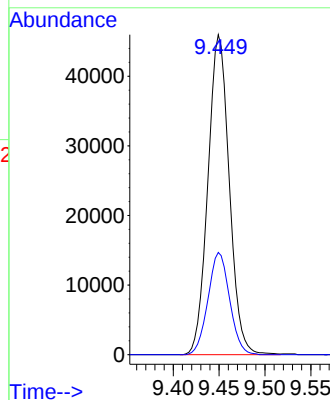
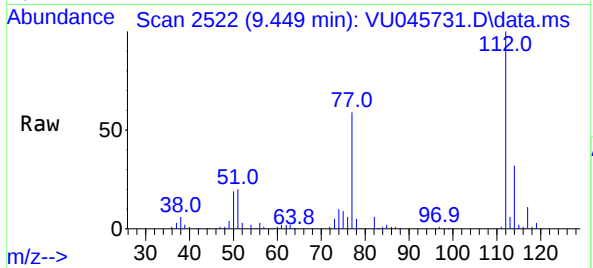




#65  
Chlorobenzene  
Concen: 19.790 ug/l  
RT: 9.449 min Scan# 2522  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

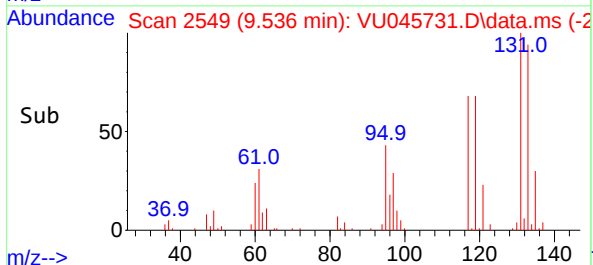
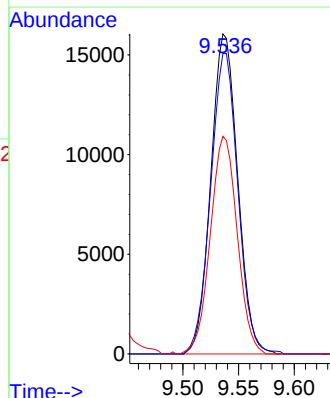
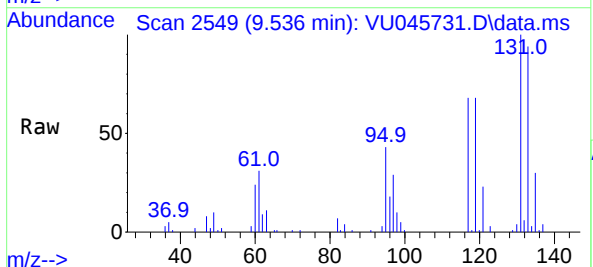
Instrument :  
MSVOA\_U  
ClientSampleId :

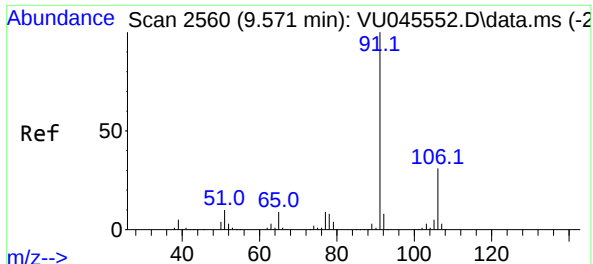
Tgt Ion:112 Resp: 74468  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.052 ug/l  
RT: 9.536 min Scan# 2549  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion:131 Resp: 26911  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.9 143.6  
119 68.1 34.5 103.6

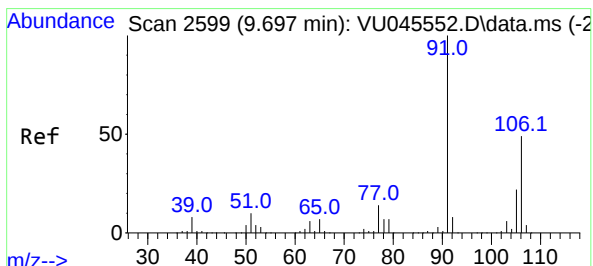
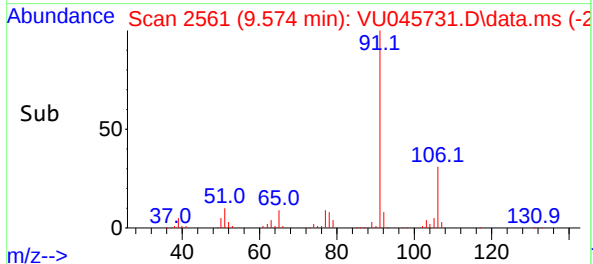
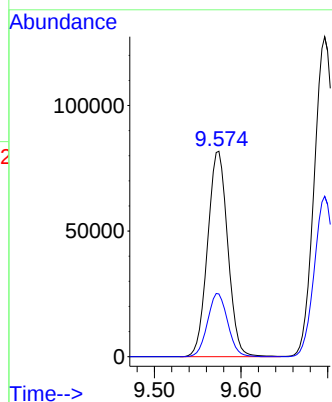
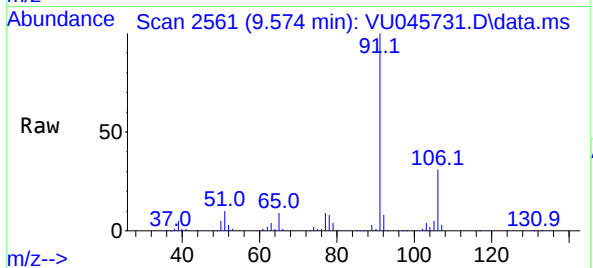




#67  
Ethyl Benzene  
Concen: 19.644 ug/l  
RT: 9.574 min Scan# 2560  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

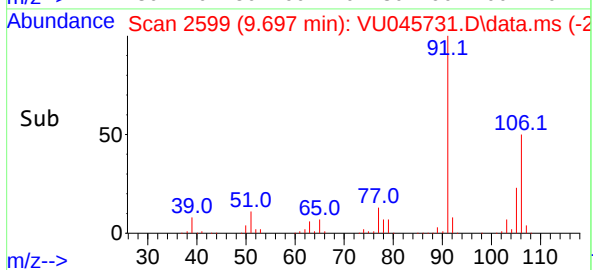
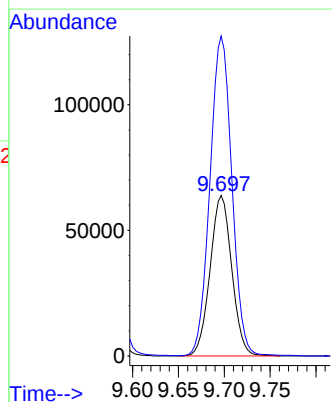
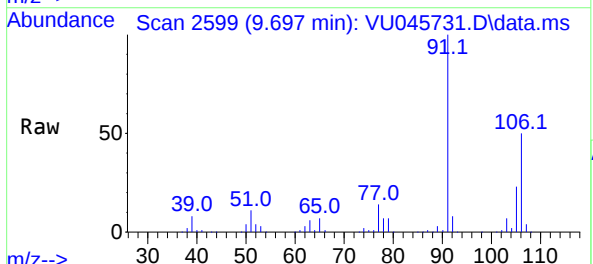
Instrument :  
MSVOA\_U  
ClientSampleId :

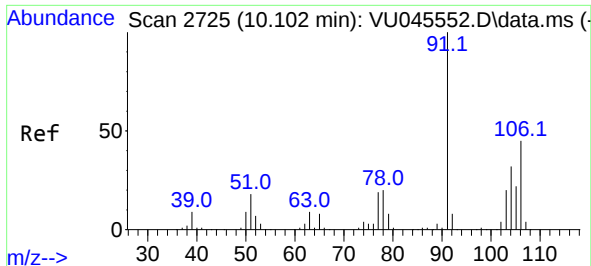
Tgt Ion: 91 Resp: 132378  
Ion Ratio Lower Upper  
91 100  
106 30.5 24.6 36.8



#68  
m/p-Xylenes  
Concen: 41.324 ug/l  
RT: 9.697 min Scan# 2599  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 106 Resp: 105021  
Ion Ratio Lower Upper  
106 100  
91 201.9 164.7 247.1

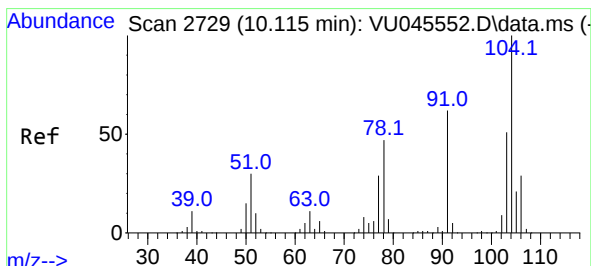
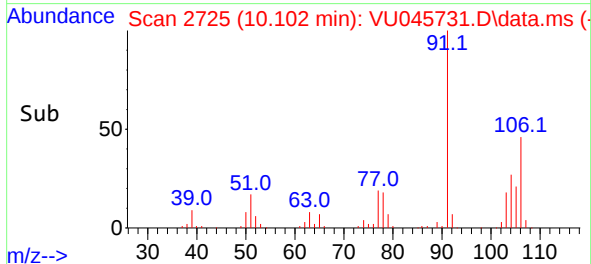
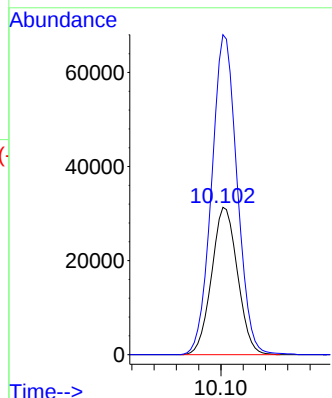
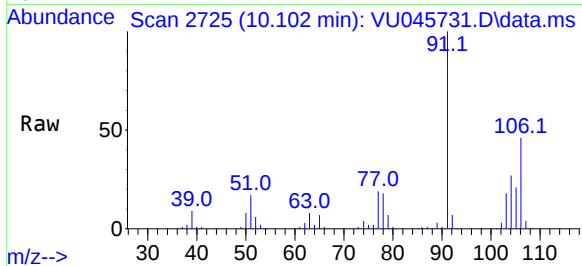




#69  
o-Xylene  
Concen: 20.481 ug/l  
RT: 10.102 min Scan# 2725  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

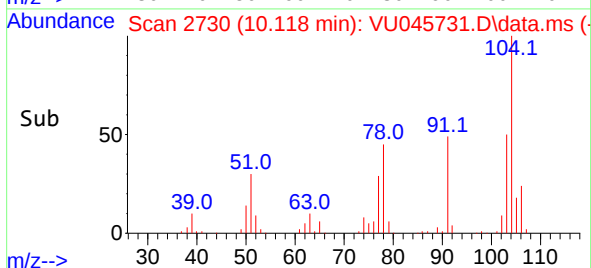
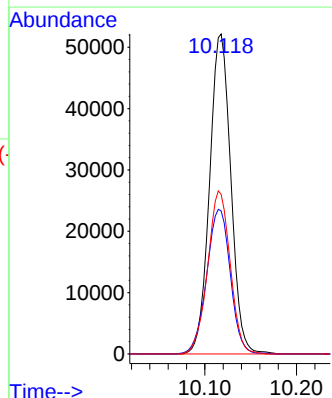
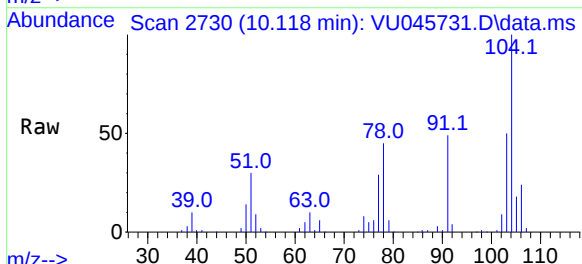
Instrument :  
MSVOA\_U  
ClientSampleId :

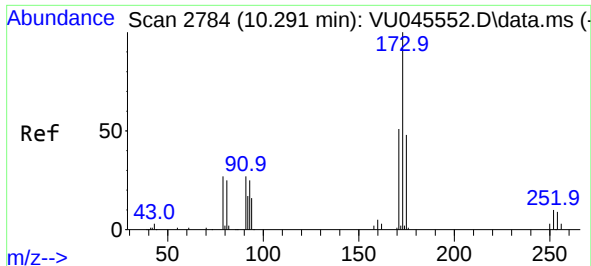
Tgt Ion:106 Resp: 50604  
Ion Ratio Lower Upper  
106 100  
91 214.1 108.7 326.3



#70  
Styrene  
Concen: 20.107 ug/l  
RT: 10.118 min Scan# 2730  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion:104 Resp: 84046  
Ion Ratio Lower Upper  
104 100  
78 50.4 41.8 62.6  
103 54.0 43.8 65.6

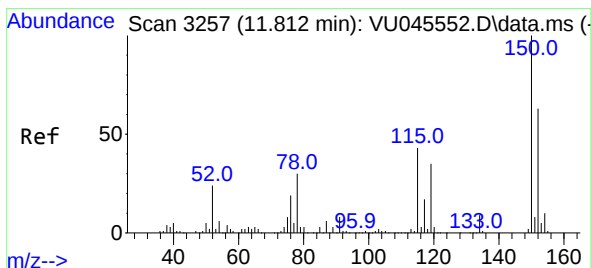
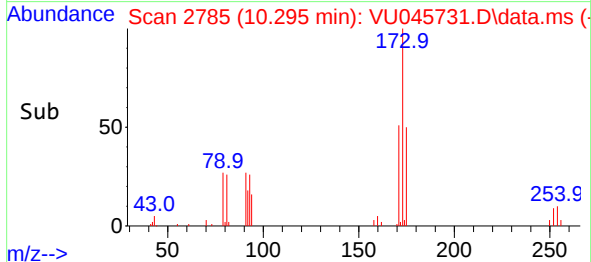
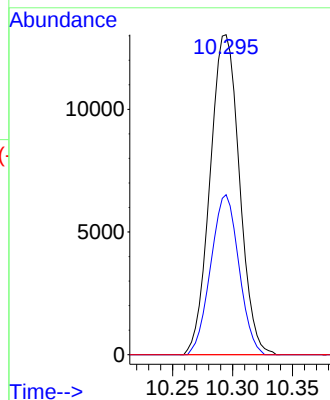
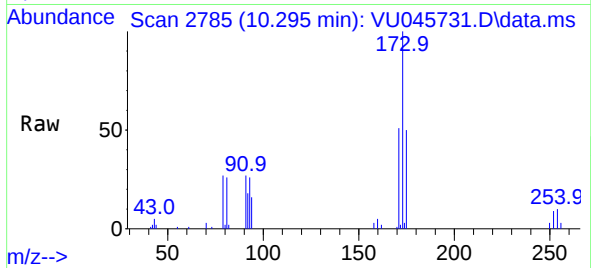




#71  
Bromoform  
Concen: 19.491 ug/l  
RT: 10.295 min Scan# 21  
Delta R.T. 0.004 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

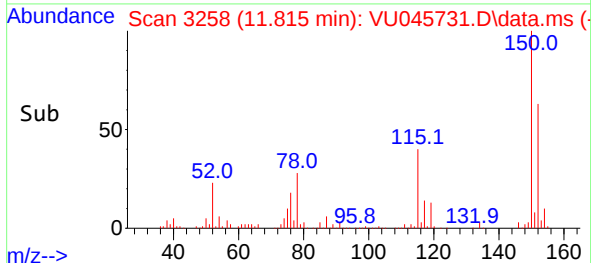
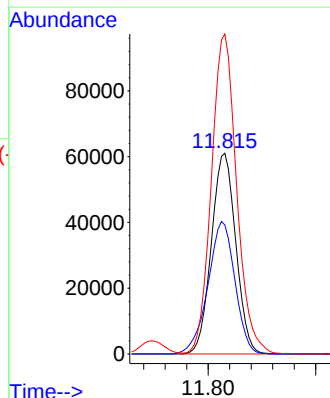
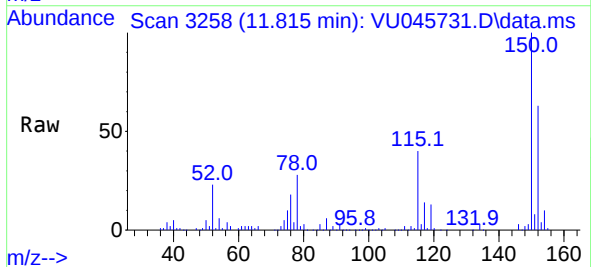
Instrument :  
MSVOA\_U  
ClientSampleId :

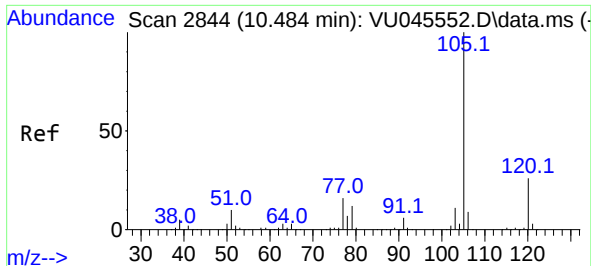
Tgt Ion:173 Resp: 22208  
Ion Ratio Lower Upper  
173 100  
175 47.9 24.1 72.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.815 min Scan# 3258  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion:152 Resp: 96357  
Ion Ratio Lower Upper  
152 100  
115 72.7 42.7 128.1  
150 164.8 0.0 346.8

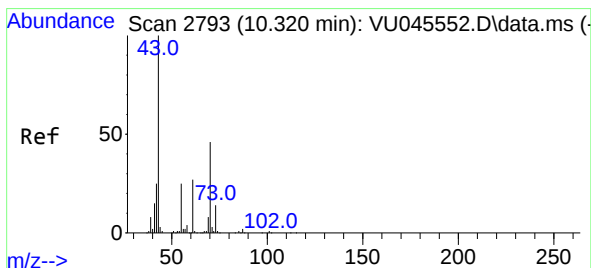
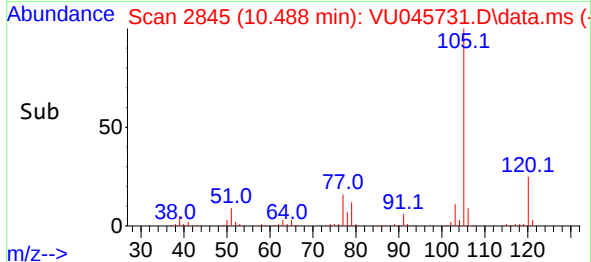
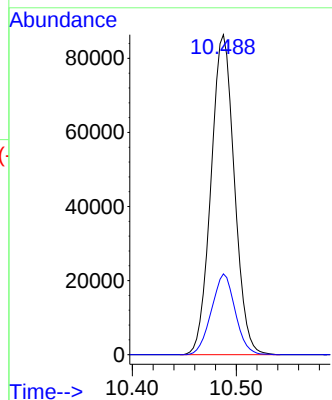
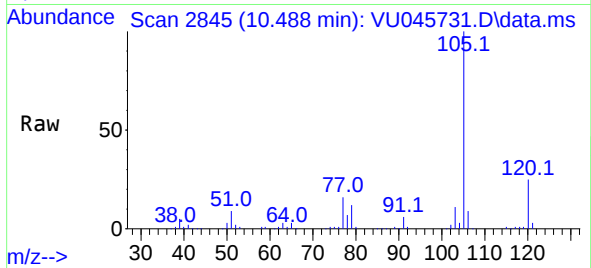




#73  
Isopropylbenzene  
Concen: 21.441 ug/l  
RT: 10.488 min Scan# 2844  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

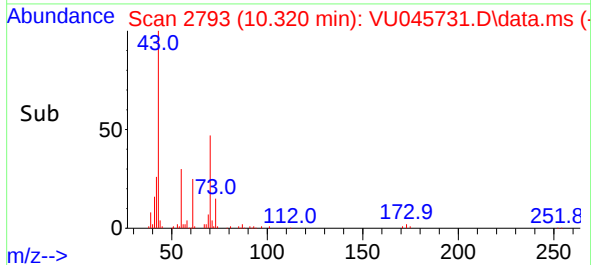
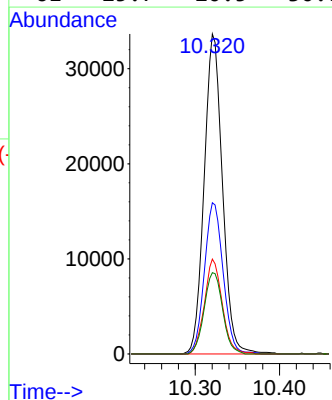
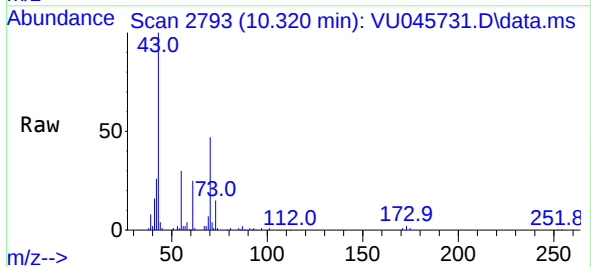
Instrument :  
MSVOA\_U  
ClientSampleId :

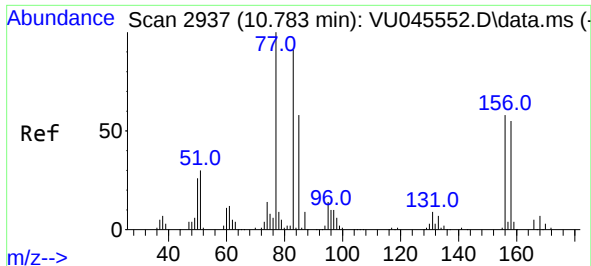
Tgt Ion:105 Resp: 134988  
Ion Ratio Lower Upper  
105 100  
120 25.7 12.9 38.6



#74  
N-ethyl acetate  
Concen: 17.927 ug/l  
RT: 10.320 min Scan# 2793  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 43 Resp: 50917  
Ion Ratio Lower Upper  
43 100  
70 48.4 36.9 55.3  
55 28.9 20.6 31.0  
61 25.7 20.5 30.7

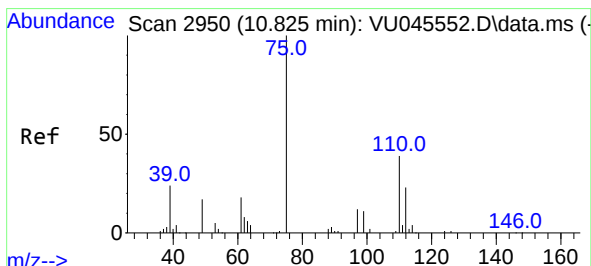
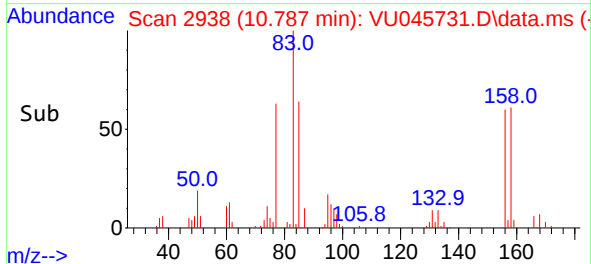
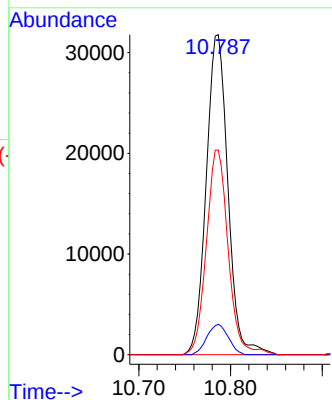
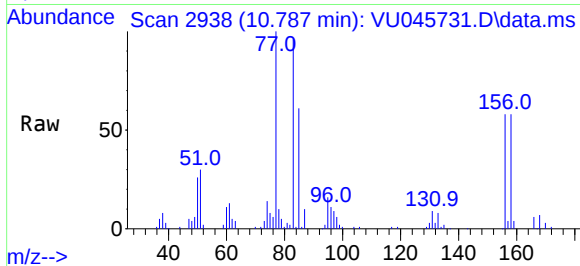




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.899 ug/l  
RT: 10.787 min Scan# 2937  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

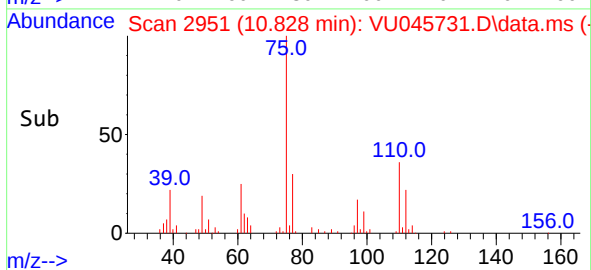
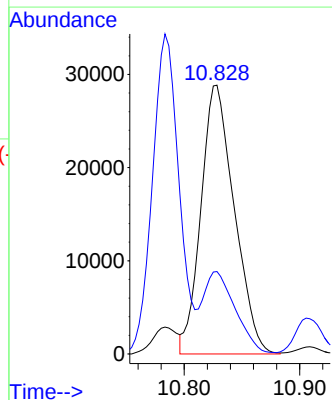
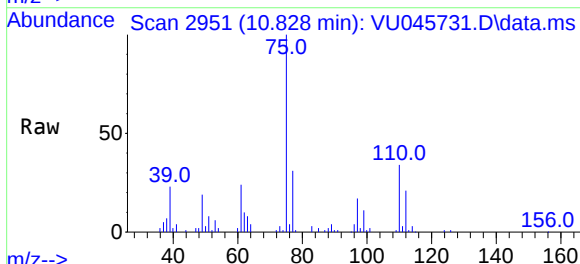
Instrument :  
MSVOA\_U  
ClientSampleId :

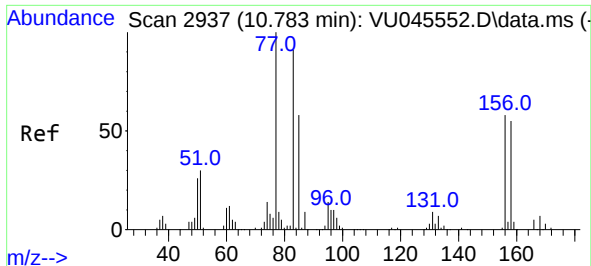
Tgt Ion: 83 Resp: 52131  
Ion Ratio Lower Upper  
83 100  
131 9.3 4.4 13.2  
85 64.3 31.9 95.9



#76  
1,2,3-Trichloropropane  
Concen: 19.803 ug/l  
RT: 10.828 min Scan# 2951  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 75 Resp: 57867  
Ion Ratio Lower Upper  
75 100  
77 28.6 17.1 51.3

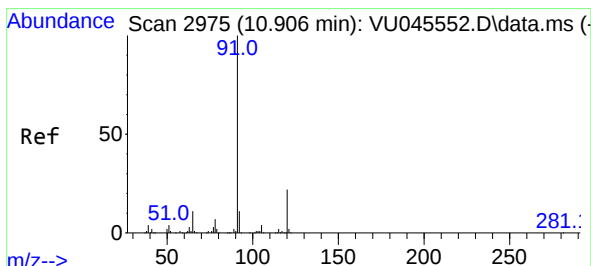
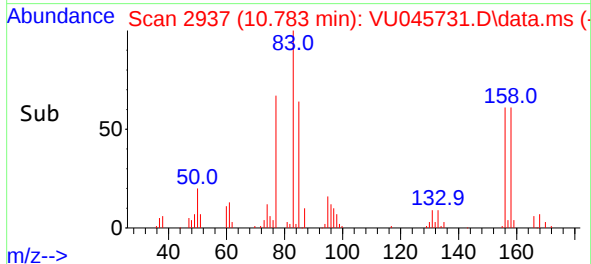
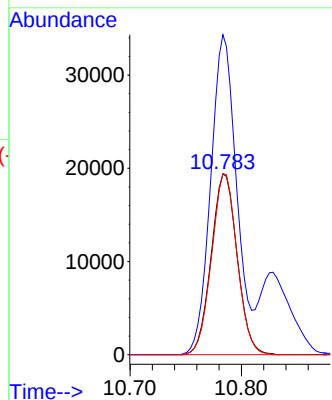
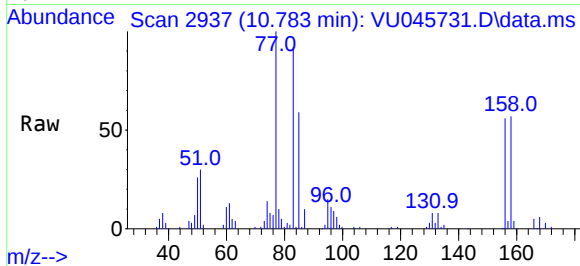




#77  
Bromobenzene  
Concen: 20.547 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

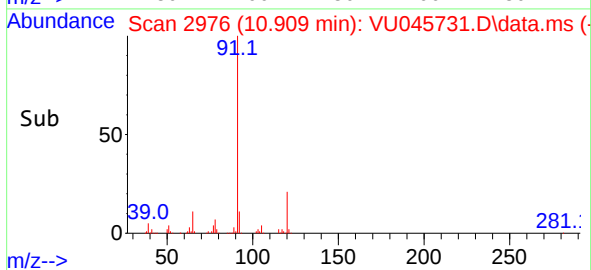
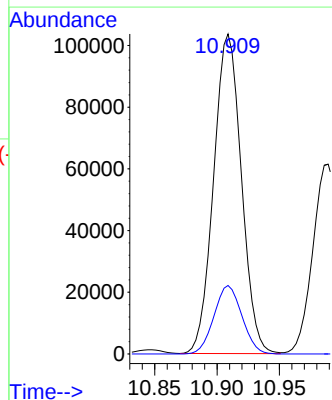
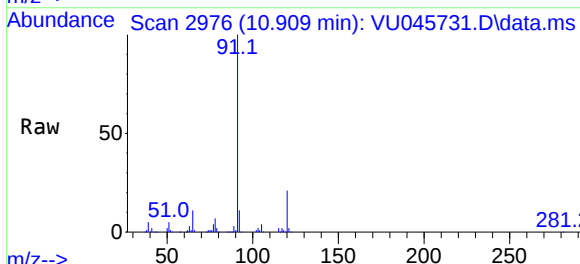
Instrument :  
MSVOA\_U  
ClientSampleId :

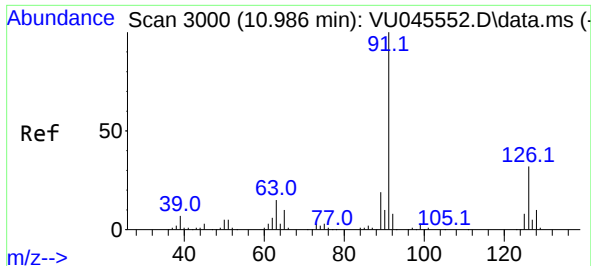
Tgt Ion:156 Resp: 31408  
Ion Ratio Lower Upper  
156 100  
77 174.7 91.1 273.4  
158 98.4 47.9 143.6



#78  
n-propylbenzene  
Concen: 20.474 ug/l  
RT: 10.909 min Scan# 2976  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 91 Resp: 160430  
Ion Ratio Lower Upper  
91 100  
120 21.6 10.9 32.7

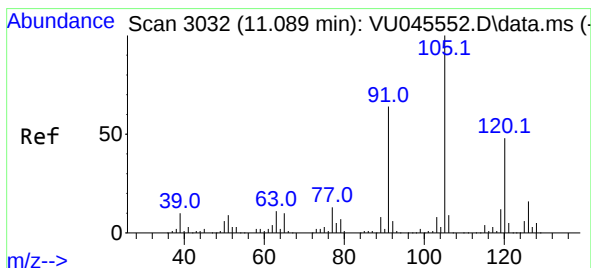
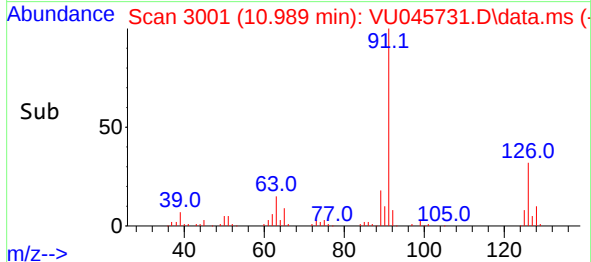
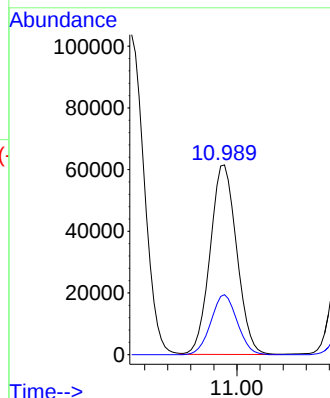
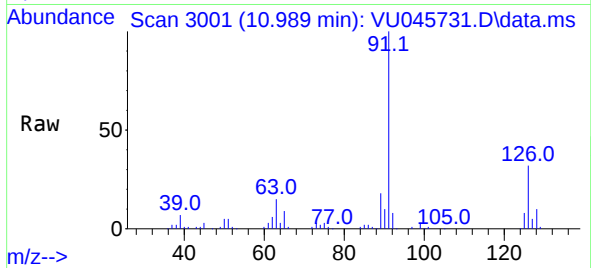




#79  
2-Chlorotoluene  
Concen: 21.210 ug/l  
RT: 10.989 min Scan# 3000  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

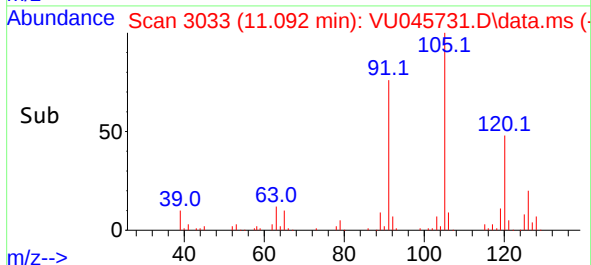
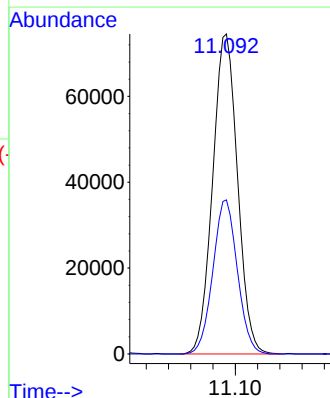
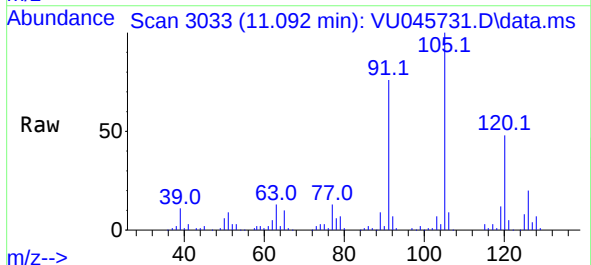
Instrument :  
MSVOA\_U  
ClientSampleId :

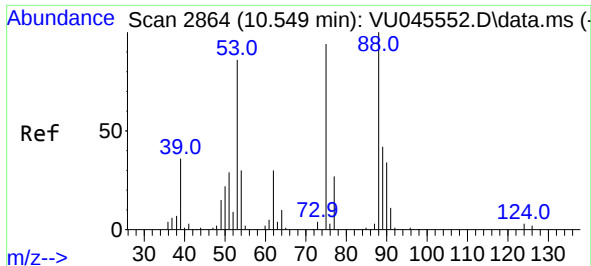
Tgt Ion: 91 Resp: 98191  
Ion Ratio Lower Upper  
91 100  
126 31.3 15.6 46.8



#80  
1,3,5-Trimethylbenzene  
Concen: 21.009 ug/l  
RT: 11.092 min Scan# 3033  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

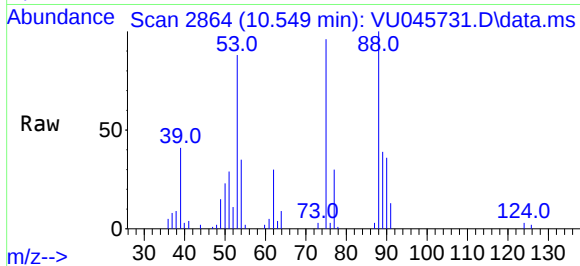
Tgt Ion: 105 Resp: 115564  
Ion Ratio Lower Upper  
105 100  
120 47.4 23.9 71.8



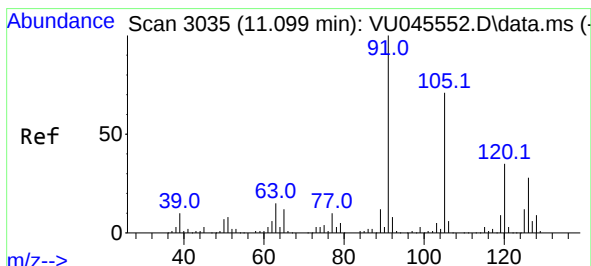
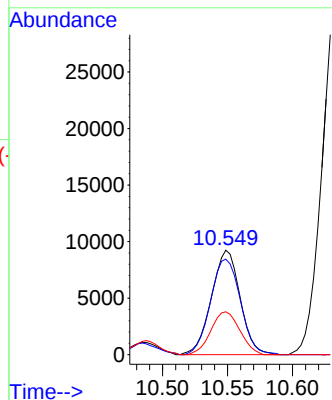
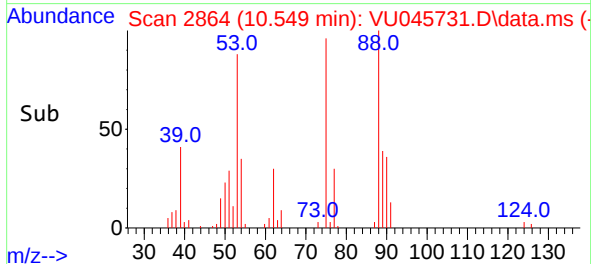


#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.914 ug/l  
RT: 10.549 min Scan# 2864  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Instrument :  
MSVOA\_U  
ClientSampleId :

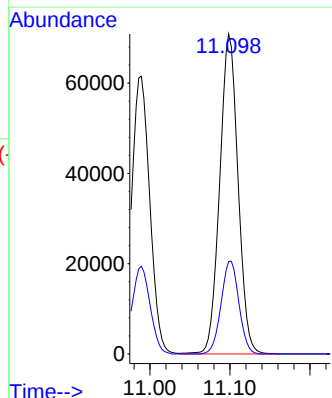
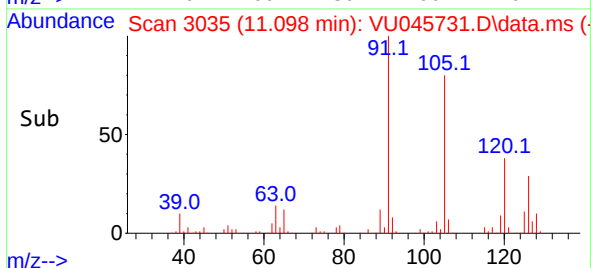
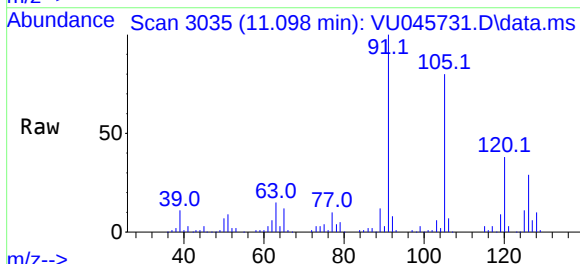


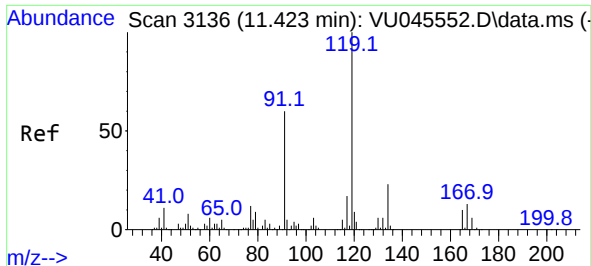
Tgt Ion: 75 Resp: 14157  
Ion Ratio Lower Upper  
75 100  
53 95.6 76.2 114.4  
89 41.6 34.0 51.0



#82  
4-Chlorotoluene  
Concen: 20.697 ug/l  
RT: 11.098 min Scan# 3035  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion: 91 Resp: 112369  
Ion Ratio Lower Upper  
91 100  
126 28.1 13.8 41.4

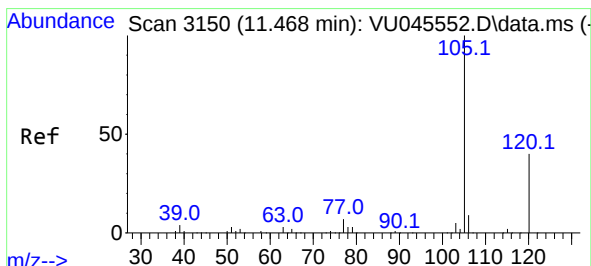
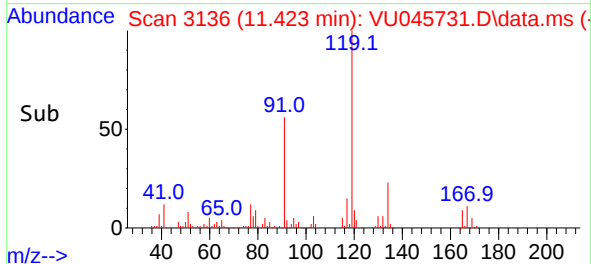
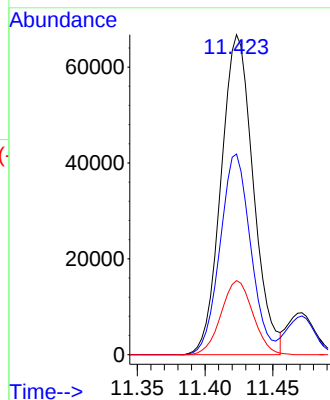
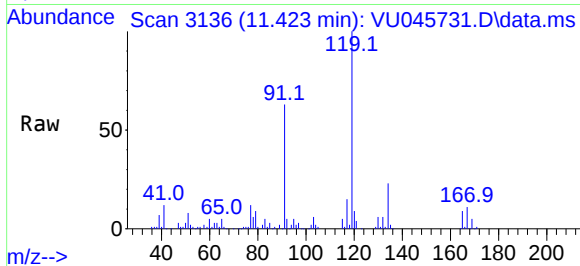




#83  
tert-Butylbenzene  
Concen: 21.053 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. -0.000 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

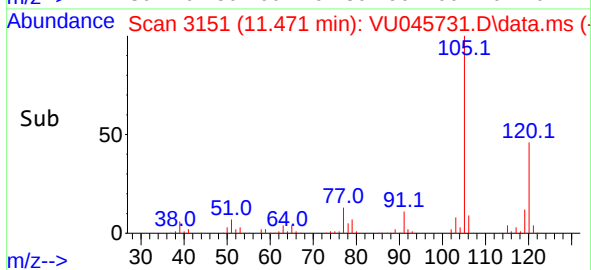
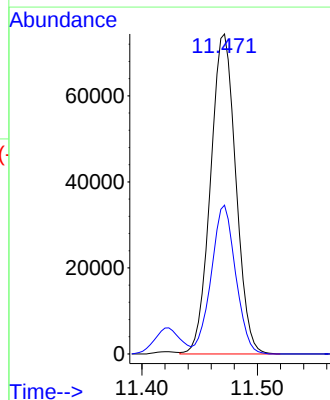
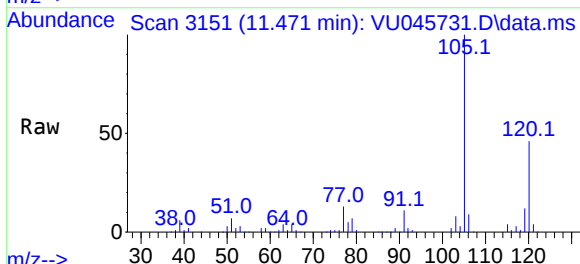
Instrument :  
MSVOA\_U  
ClientSampleId :

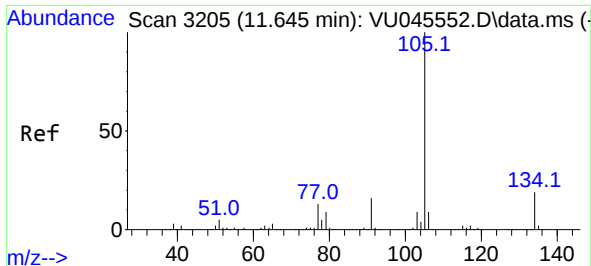
Tgt Ion:119 Resp: 110396  
Ion Ratio Lower Upper  
119 100  
91 59.8 30.5 91.5  
134 22.9 11.5 34.5



#84  
1,2,4-Trimethylbenzene  
Concen: 20.689 ug/l  
RT: 11.471 min Scan# 3151  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion:105 Resp: 113108  
Ion Ratio Lower Upper  
105 100  
120 44.9 22.2 66.6

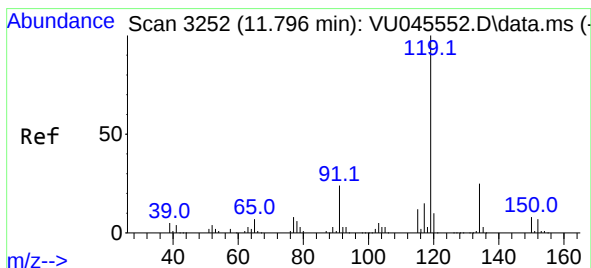
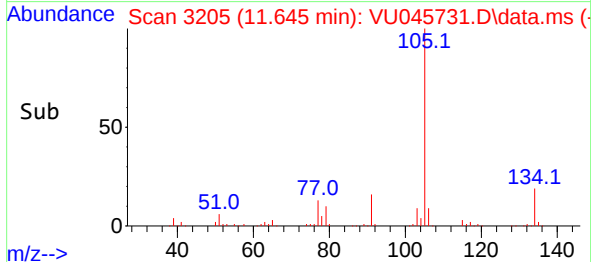
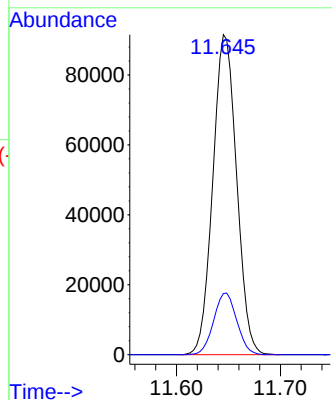
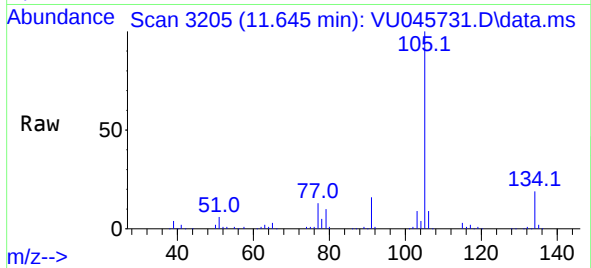




#85  
 sec-Butylbenzene  
 Concen: 20.913 ug/l  
 RT: 11.645 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VU045731.D  
 Acq: 11 Nov 2021 12:17

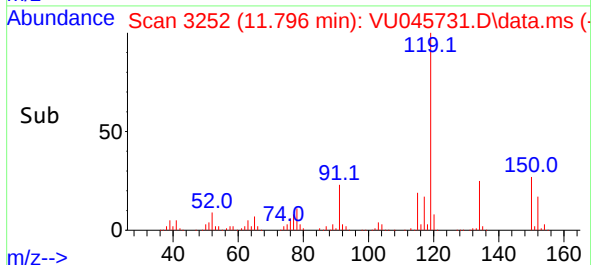
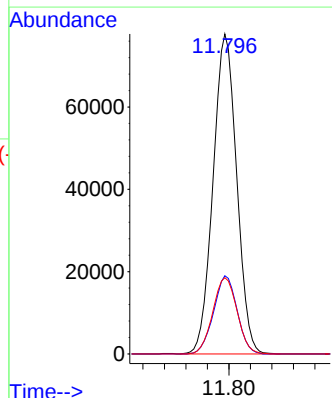
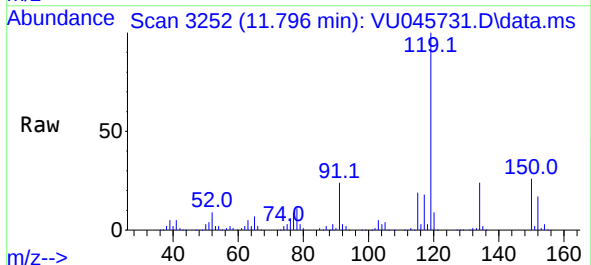
Instrument :  
 MSVOA\_U  
 ClientSampleId :

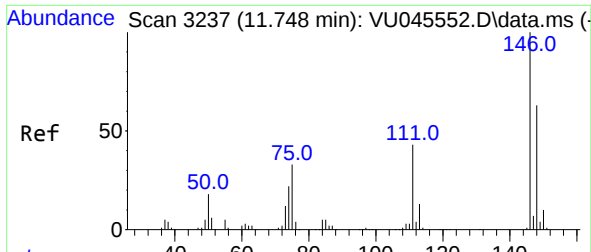
Tgt Ion:105 Resp: 145436  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 9.4 28.3



#86  
 p-Isopropyltoluene  
 Concen: 20.370 ug/l  
 RT: 11.796 min Scan# 3252  
 Delta R.T. -0.000 min  
 Lab File: VU045731.D  
 Acq: 11 Nov 2021 12:17

Tgt Ion:119 Resp: 118377  
 Ion Ratio Lower Upper  
 119 100  
 134 24.4 12.7 38.1  
 91 24.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.660 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA\_U

ClientSampleId :

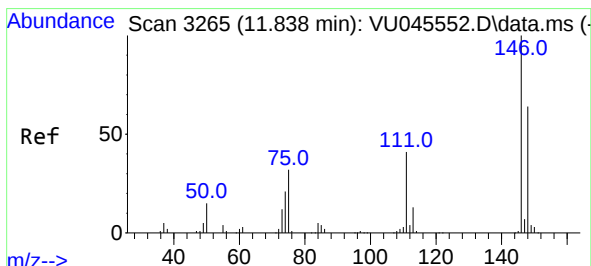
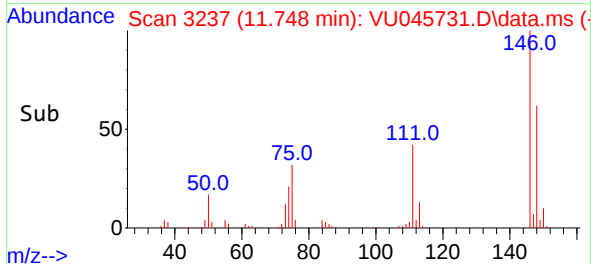
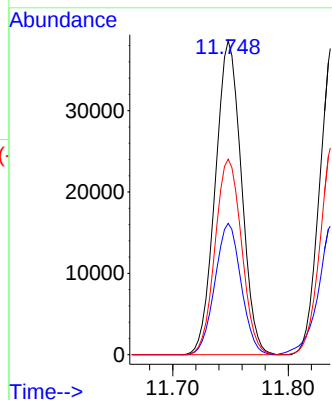
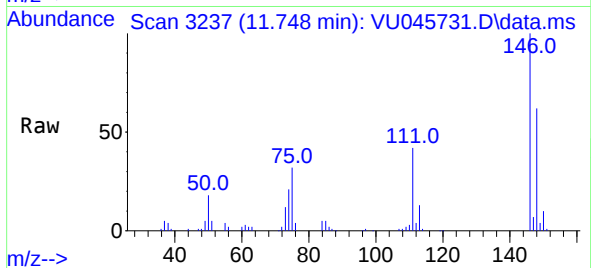
Tgt Ion:146 Resp: 60634

Ion Ratio Lower Upper

146 100

111 41.9 21.3 63.9

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.661 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

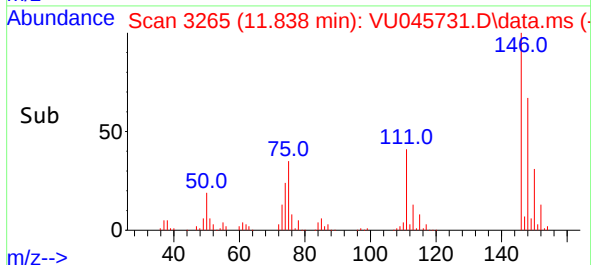
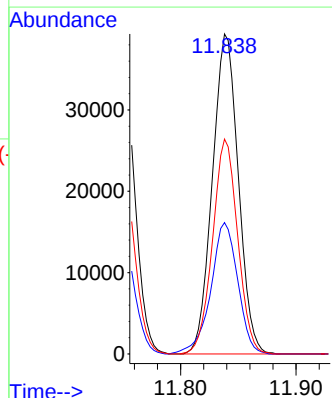
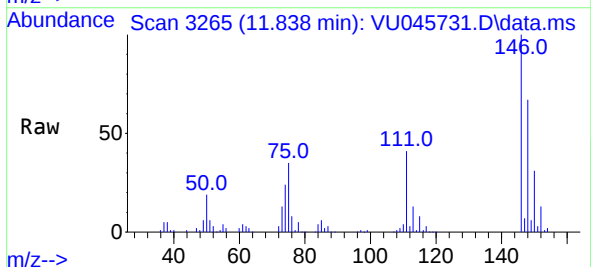
Tgt Ion:146 Resp: 61330

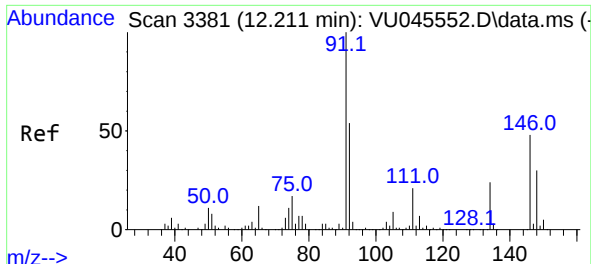
Ion Ratio Lower Upper

146 100

111 42.6 20.6 61.9

148 65.1 31.9 95.7





#89

n-Butylbenzene

Concen: 18.721 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA\_U

ClientSampleId :

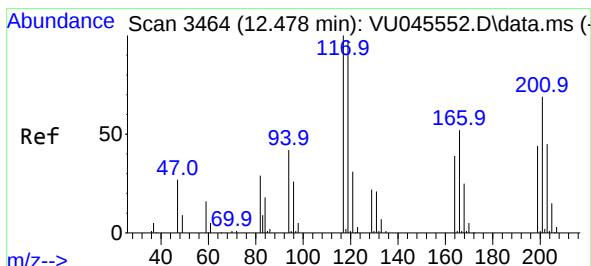
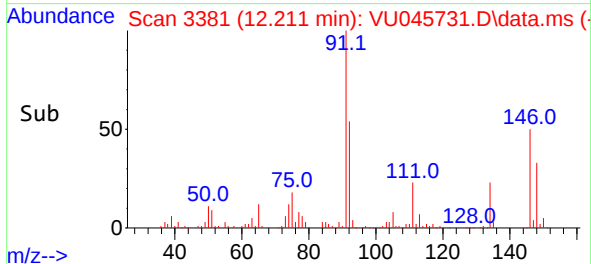
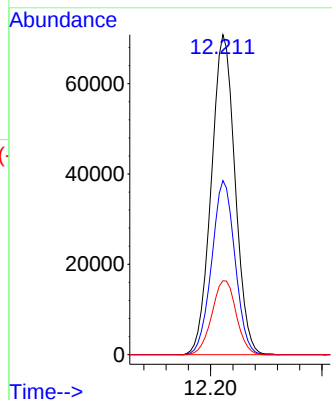
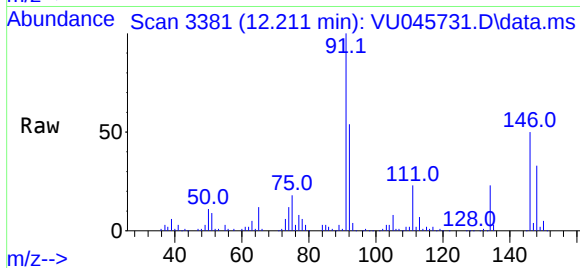
Tgt Ion: 91 Resp: 104801

Ion Ratio Lower Upper

91 100

92 53.3 27.1 81.2

134 23.7 11.8 35.4



#90

Hexachloroethane

Concen: 18.472 ug/l

RT: 12.478 min Scan# 3464

Delta R.T. -0.000 min

Lab File: VU045731.D

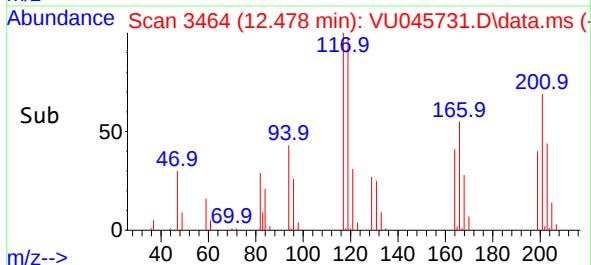
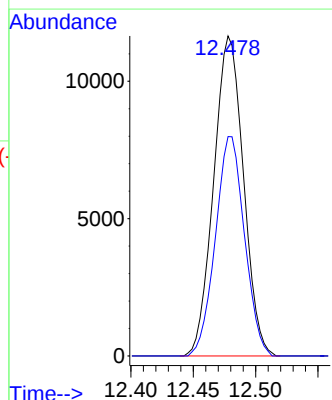
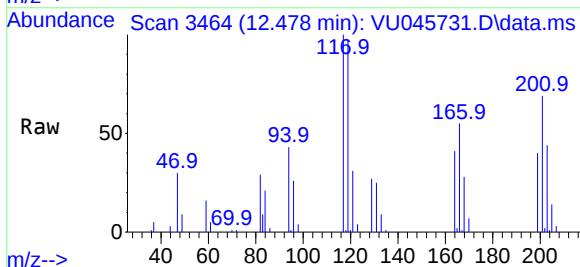
Acq: 11 Nov 2021 12:17

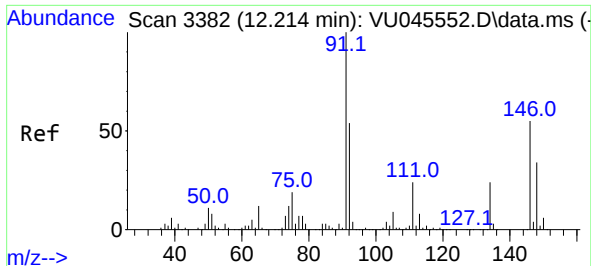
Tgt Ion: 117 Resp: 19365

Ion Ratio Lower Upper

117 100

201 67.0 33.8 101.4





#91

1,2-Dichlorobenzene

Concen: 20.354 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA\_U

ClientSampleId :

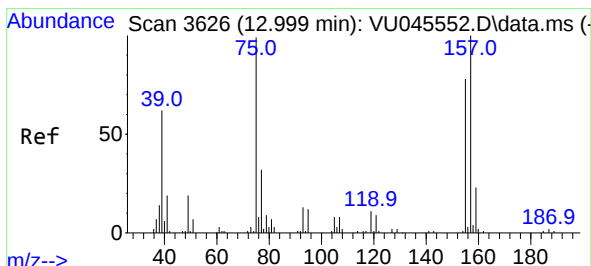
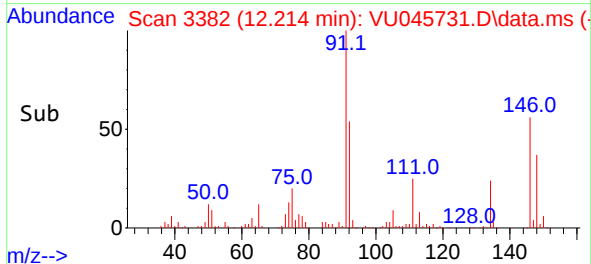
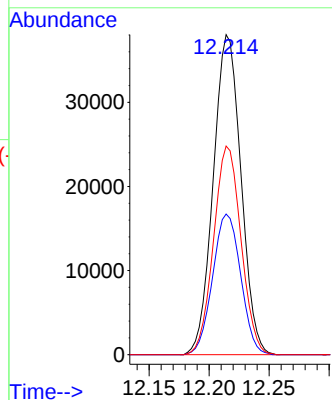
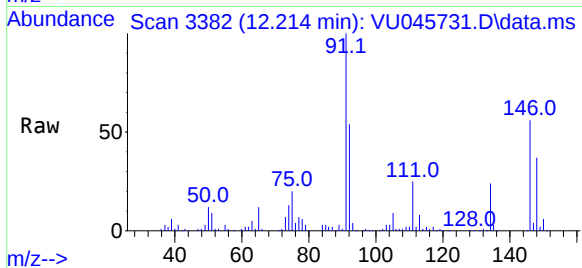
Tgt Ion:146 Resp: 61076

Ion Ratio Lower Upper

146 100

111 44.5 21.9 65.5

148 64.6 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.922 ug/l

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

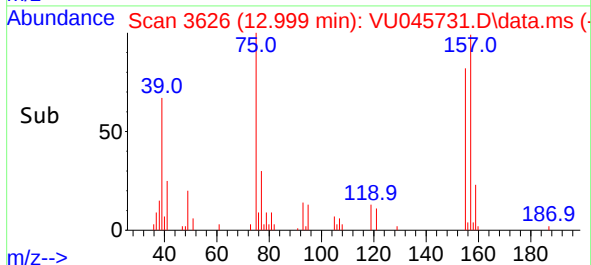
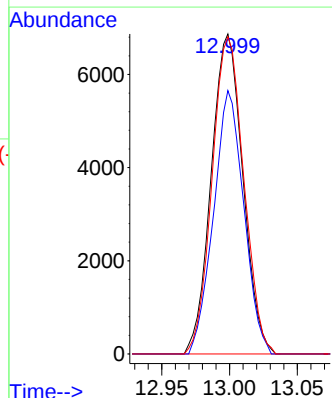
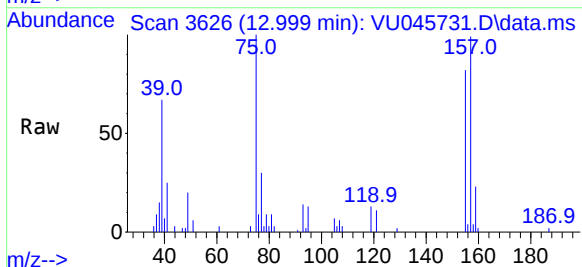
Tgt Ion: 75 Resp: 11137

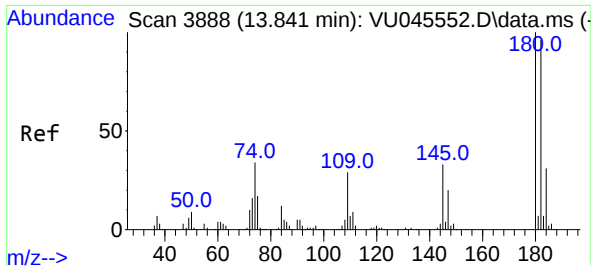
Ion Ratio Lower Upper

75 100

155 78.7 37.8 113.3

157 99.2 48.4 145.2





#93

1,2,4-Trichlorobenzene

Concen: 18.185 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

Instrument :

MSVOA\_U

ClientSampleId :

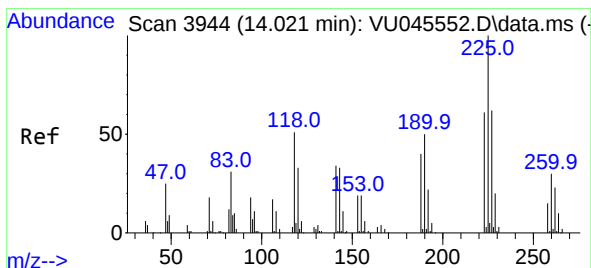
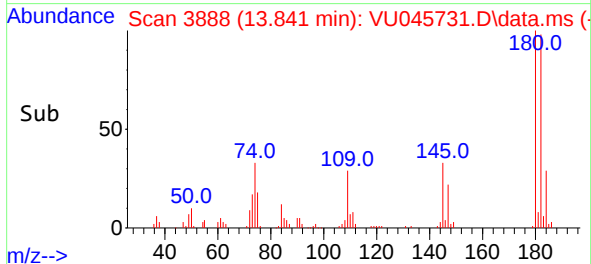
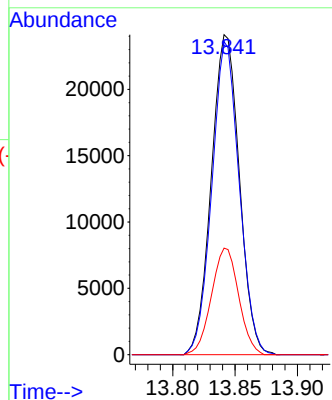
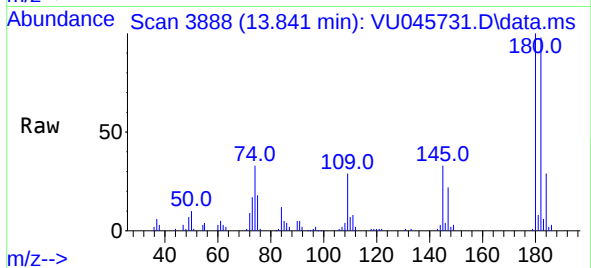
Tgt Ion:180 Resp: 37729

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 32.4 15.6 46.7



#94

Hexachlorobutadiene

Concen: 18.378 ug/l

RT: 14.024 min Scan# 3945

Delta R.T. 0.003 min

Lab File: VU045731.D

Acq: 11 Nov 2021 12:17

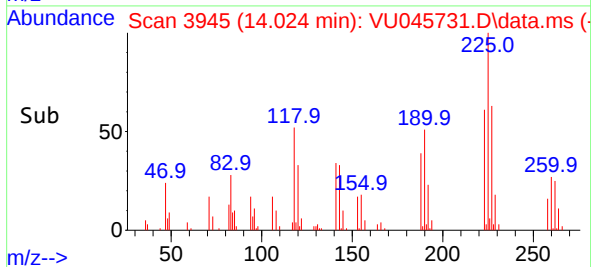
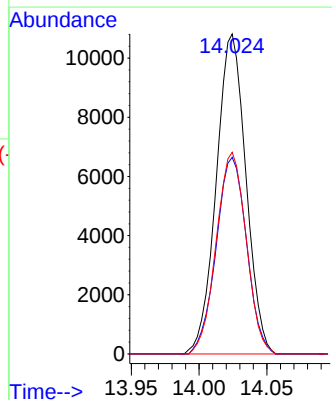
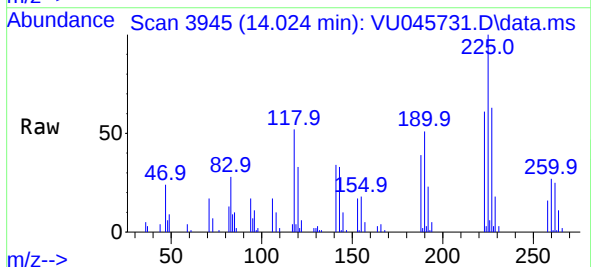
Tgt Ion:225 Resp: 16459

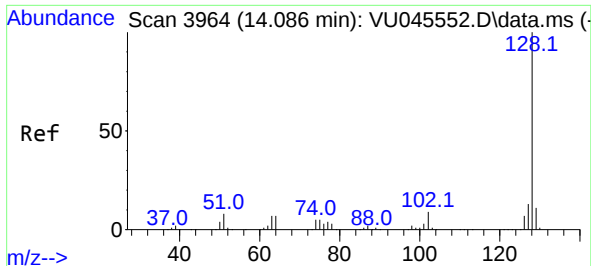
Ion Ratio Lower Upper

225 100

223 63.0 32.0 96.2

227 63.6 31.1 93.5

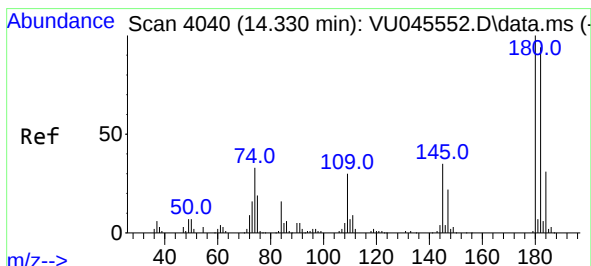
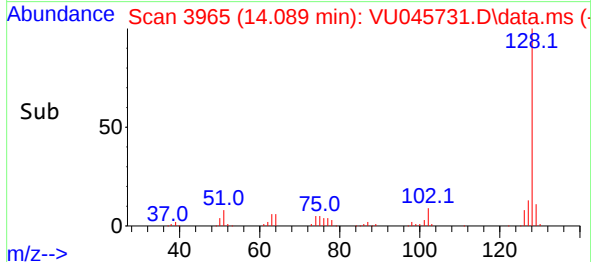
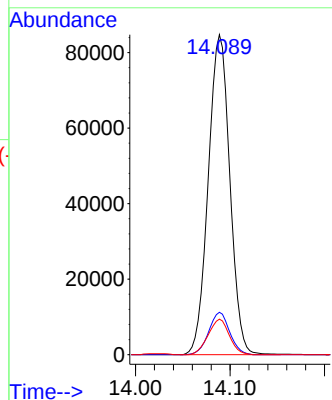
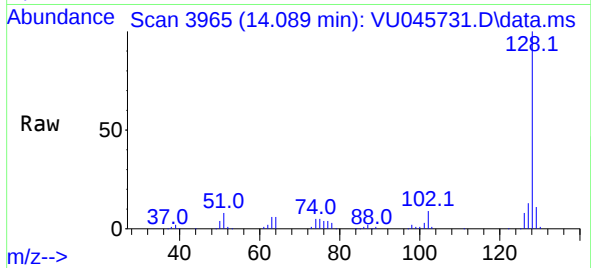




#95  
Naphthalene  
Concen: 17.925 ug/l  
RT: 14.089 min Scan# 3964  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion:128 Resp: 134554  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.6 15.8  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 19.091 ug/l  
RT: 14.333 min Scan# 4041  
Delta R.T. 0.003 min  
Lab File: VU045731.D  
Acq: 11 Nov 2021 12:17

Tgt Ion:180 Resp: 39342  
Ion Ratio Lower Upper  
180 100  
182 96.7 47.7 143.1  
145 35.0 16.7 50.0

