

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011923\  
 Data File : VU052747.D  
 Acq On : 19 Jan 2023 19:54  
 Operator : JC/MD  
 Sample : MDL04  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

Quant Time: Jan 20 01:37:09 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U011923W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 20 01:35:33 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.369  | 168  | 205252   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.243  | 114  | 343482   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.414  | 117  | 312079   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.809 | 152  | 147595   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.697  | 65    | 157241   | 53.194   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 106.380% |      |
| 35) Dibromofluoromethane    | 5.282  | 113   | 120779   | 50.499   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 101.000% |      |
| 50) Toluene-d8              | 7.893  | 98    | 438816   | 48.924   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 97.840%  |      |
| 62) 4-Bromofluorobenzene    | 10.629 | 95    | 150757   | 46.012   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 92.020%  |      |

|                              |       |     |       |        |        |    |
|------------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds             |       |     |       | Qvalue |        |    |
| 2) Dichlorodifluoromethane   | 1.385 | 85  | 5729  | 2.367  | ug/l   | 94 |
| 3) Chloromethane             | 1.517 | 50  | 7311  | 2.941  | ug/l   | 93 |
| 4) Vinyl Chloride            | 1.604 | 62  | 6117  | 2.467  | ug/l   | 99 |
| 5) Bromomethane              | 1.858 | 94  | 3788  | 3.095  | ug/l   | 91 |
| 6) Chloroethane              | 1.932 | 64  | 3843  | 2.452  | ug/l   | 95 |
| 7) Trichlorofluoromethane    | 2.134 | 101 | 9435  | 2.472  | ug/l   | 97 |
| 8) Diethyl Ether             | 2.375 | 74  | 3530  | 2.540  | ug/l   | 88 |
| 9) 1,1,2-Trichlorotrifluo... | 2.575 | 101 | 5115  | 2.317  | ug/l   | 93 |
| 10) Methyl Iodide            | 2.720 | 142 | 4717  | 2.601  | ug/l # | 94 |
| 11) Tert butyl alcohol       | 3.234 | 59  | 287   | 0.570  | ug/l # | 88 |
| 12) 1,1-Dichloroethene       | 2.578 | 96  | 5619  | 2.574  | ug/l   | 94 |
| 13) Acrolein                 | 2.488 | 56  | 7337  | 14.816 | ug/l   | 98 |
| 14) Allyl chloride           | 2.919 | 41  | 8156  | 2.372  | ug/l   | 98 |
| 15) Acrylonitrile            | 3.318 | 53  | 17394 | 12.516 | ug/l   | 98 |
| 16) Acetone                  | 2.642 | 43  | 15918 | 11.299 | ug/l   | 97 |
| 17) Carbon Disulfide         | 2.790 | 76  | 16993 | 2.598  | ug/l   | 97 |
| 18) Methyl Acetate           | 2.951 | 43  | 9906  | 2.541  | ug/l   | 97 |
| 19) Methyl tert-butyl Ether  | 3.359 | 73  | 18504 | 2.502  | ug/l   | 97 |
| 20) Methylene Chloride       | 3.041 | 84  | 7318  | 2.308  | ug/l   | 94 |
| 21) trans-1,2-Dichloroethene | 3.350 | 96  | 5898  | 2.506  | ug/l   | 98 |
| 22) Diisopropyl ether        | 3.990 | 45  | 17253 | 2.413  | ug/l # | 84 |
| 23) Vinyl Acetate            | 3.954 | 43  | 65559 | 11.948 | ug/l   | 98 |
| 24) 1,1-Dichloroethane       | 3.864 | 63  | 11998 | 2.645  | ug/l   | 97 |
| 25) 2-Butanone               | 4.713 | 43  | 21613 | 11.895 | ug/l   | 99 |
| 26) 2,2-Dichloropropane      | 4.662 | 77  | 9016  | 2.423  | ug/l # | 73 |
| 27) cis-1,2-Dichloroethene   | 4.662 | 96  | 6811  | 2.636  | ug/l   | 97 |
| 28) Bromochloromethane       | 4.973 | 49  | 4675  | 2.469  | ug/l # | 96 |
| 29) Tetrahydrofuran          | 5.060 | 42  | 13133 | 12.451 | ug/l   | 98 |
| 30) Chloroform               | 5.086 | 83  | 11973 | 2.469  | ug/l   | 97 |
| 31) Cyclohexane              | 5.379 | 56  | 13465 | 3.251  | ug/l # | 68 |
| 32) 1,1,1-Trichloroethane    | 5.311 | 97  | 10412 | 2.622  | ug/l   | 94 |
| 36) 1,1-Dichloropropene      | 5.523 | 75  | 8890  | 2.591  | ug/l   | 94 |
| 37) Ethyl Acetate            | 4.806 | 43  | 8637  | 2.315  | ug/l # | 94 |
| 38) Carbon Tetrachloride     | 5.517 | 117 | 7763  | 2.199  | ug/l   | 95 |
| 39) Methylcyclohexane        | 6.758 | 83  | 9487  | 2.376  | ug/l   | 98 |
| 40) Benzene                  | 5.771 | 78  | 25587 | 2.469  | ug/l   | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011923\  
 Data File : VU052747.D  
 Acq On : 19 Jan 2023 19:54  
 Operator : JC/MD  
 Sample : MDL04  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

Quant Time: Jan 20 01:37:09 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U011923W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 20 01:35:33 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.973  | 41   | 4160     | 2.305  | ug/l # | 95       |
| 42) 1,2-Dichloroethane        | 5.793  | 62   | 9151     | 2.446  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 5.912  | 43   | 13082    | 2.516  | ug/l # | 93       |
| 44) Trichloroethene           | 6.539  | 130  | 6569     | 2.563  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 6.790  | 63   | 6496     | 2.431  | ug/l   | 95       |
| 46) Dibromomethane            | 6.915  | 93   | 4321     | 2.335  | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.099  | 83   | 8674     | 2.342  | ug/l   | 94       |
| 48) Methyl methacrylate       | 6.960  | 41   | 5269     | 2.224  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 7.028  | 88   | 1299     | 28.294 | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 7.790  | 43   | 38775    | 11.522 | ug/l   | 96       |
| 52) Toluene                   | 7.967  | 92   | 16121    | 2.572  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 8.205  | 75   | 8731     | 2.257  | ug/l   | 90       |
| 54) cis-1,3-Dichloropropene   | 7.604  | 75   | 9776     | 2.369  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 8.398  | 97   | 6811     | 2.663  | ug/l   | 87       |
| 56) Ethyl methacrylate        | 8.333  | 69   | 8141     | 2.260  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 8.571  | 76   | 10875    | 2.424  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether | 7.459  | 63   | 789      | 7.214  | ug/l # | 87       |
| 59) 2-Hexanone                | 8.687  | 43   | 28909    | 11.151 | ug/l   | 95       |
| 60) Dibromochloromethane      | 8.806  | 129  | 6581     | 2.343  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 8.919  | 107  | 6382     | 2.376  | ug/l   | 95       |
| 64) Tetrachloroethene         | 8.549  | 164  | 5946     | 2.743  | ug/l   | 93       |
| 65) Chlorobenzene             | 9.443  | 112  | 16531    | 2.503  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 9.530  | 131  | 6248     | 2.524  | ug/l   | 94       |
| 67) Ethyl Benzene             | 9.568  | 91   | 25804    | 2.312  | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.690  | 106  | 19551    | 4.511  | ug/l   | 99       |
| 69) o-Xylene                  | 10.095 | 106  | 9395     | 2.271  | ug/l   | 97       |
| 70) Styrene                   | 10.111 | 104  | 14648    | 2.158  | ug/l   | 96       |
| 71) Bromoform                 | 10.285 | 173  | 4666     | 2.257  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.481 | 105  | 23691    | 2.436  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.317 | 43   | 8324     | 2.247  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 10.777 | 83   | 10303    | 2.674  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 10.819 | 75   | 11315    | 2.809  | ug/l   | 99       |
| 77) Bromobenzene              | 10.777 | 156  | 7031     | 2.796  | ug/l   | 93       |
| 78) n-propylbenzene           | 10.902 | 91   | 27661    | 2.419  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 10.983 | 91   | 19073    | 2.699  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.086 | 105  | 18940    | 2.345  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.629 | 75   | 75605    | 72.941 | ug/l # | 13       |
| 82) 4-Chlorotoluene           | 11.092 | 91   | 20190    | 2.507  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.417 | 119  | 19239    | 2.321  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.462 | 105  | 18062    | 2.253  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.639 | 105  | 22737    | 2.240  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.790 | 119  | 18114    | 2.099  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.742 | 146  | 12204    | 2.546  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.832 | 146  | 13004    | 2.638  | ug/l   | 94       |
| 89) n-Butylbenzene            | 12.205 | 91   | 15524    | 2.097  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.472 | 117  | 3663     | 2.212  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 12.211 | 146  | 11964    | 2.475  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.992 | 75   | 2137     | 2.673  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 13.838 | 180  | 6529     | 2.313  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 14.015 | 225  | 3677     | 2.350  | ug/l   | 96       |
| 95) Naphthalene               | 14.082 | 128  | 16720    | 2.088  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 14.327 | 180  | 6119     | 2.183  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011923\  
Data File : VU052747.D  
Acq On : 19 Jan 2023 19:54  
Operator : JC/MD  
Sample : MDL04  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

Quant Time: Jan 20 01:37:09 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U011923W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 20 01:35:33 2023  
Response via : Initial Calibration

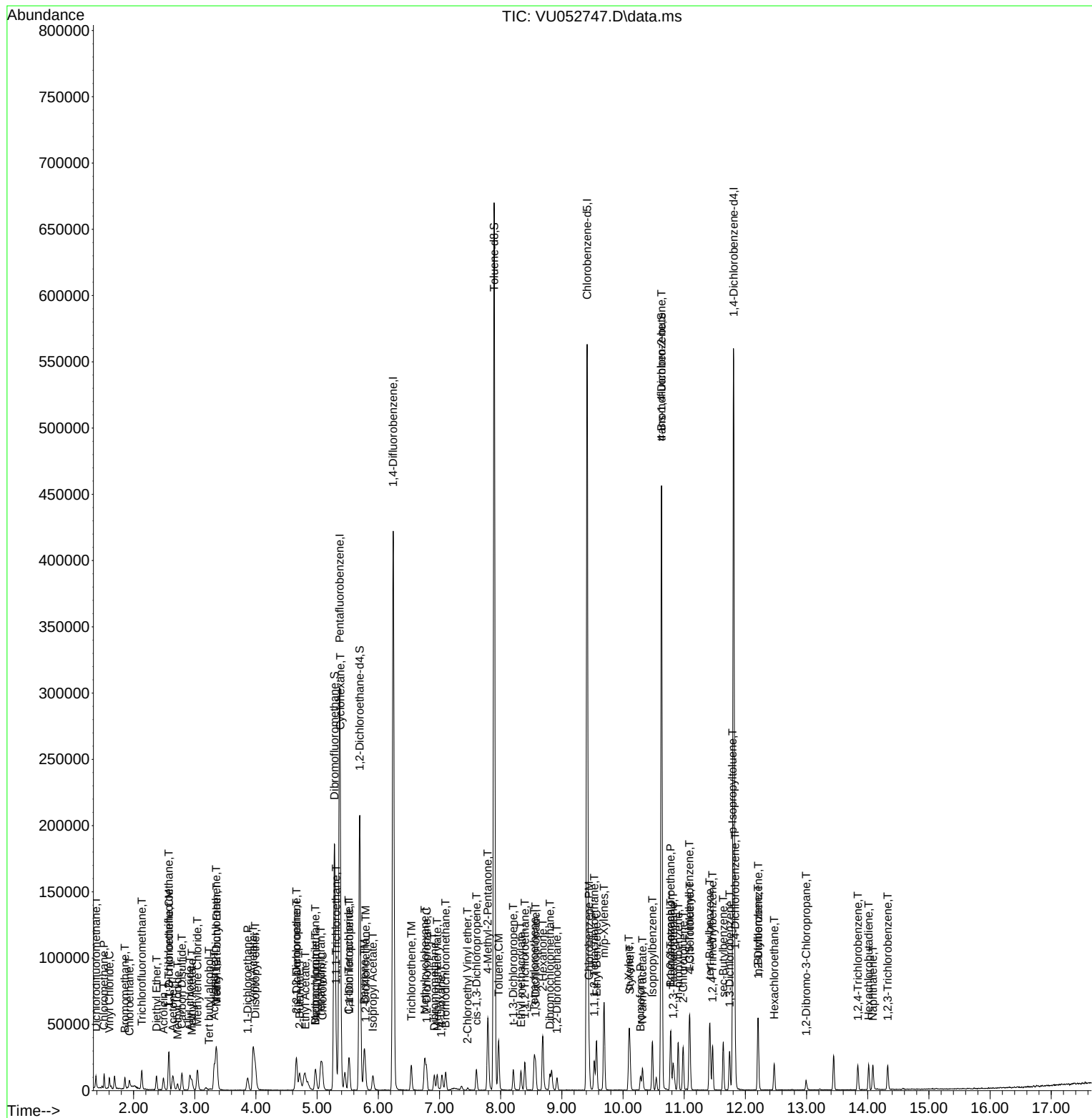
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

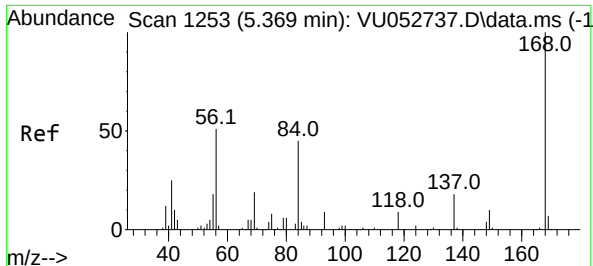
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011923\  
Data File : VU052747.D  
Acq On : 19 Jan 2023 19:54  
Operator : JC/MD  
Sample : MDL04  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

Quant Time: Jan 20 01:37:09 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U011923W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 20 01:35:33 2023  
Response via : Initial Calibration

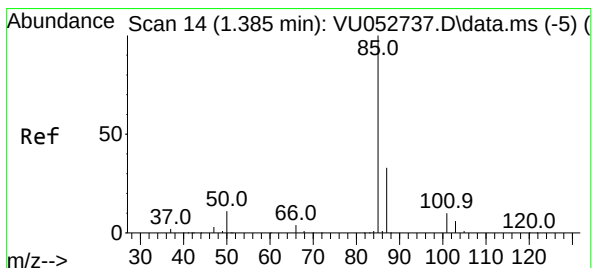
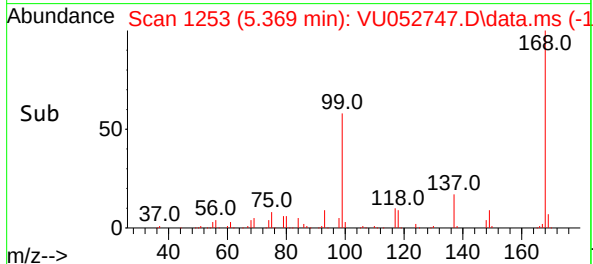
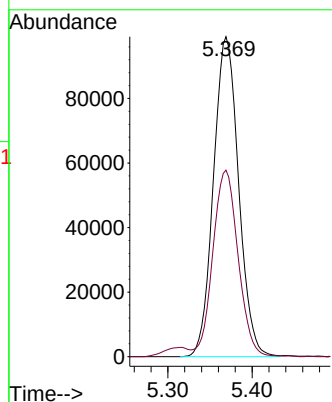
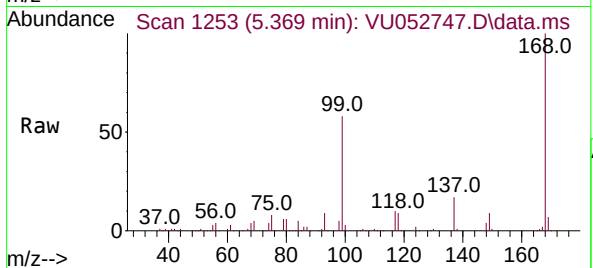




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.369 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

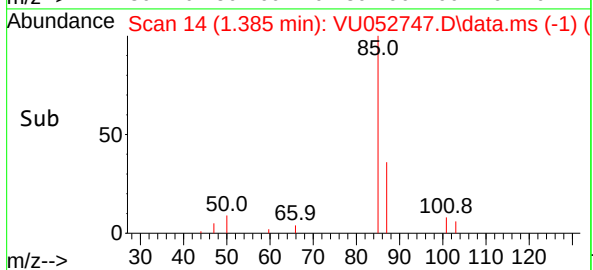
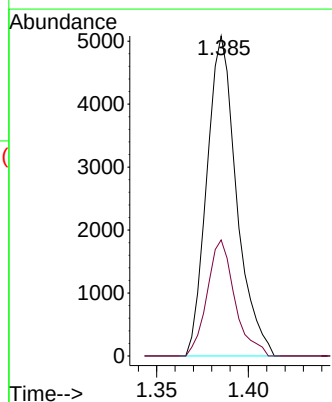
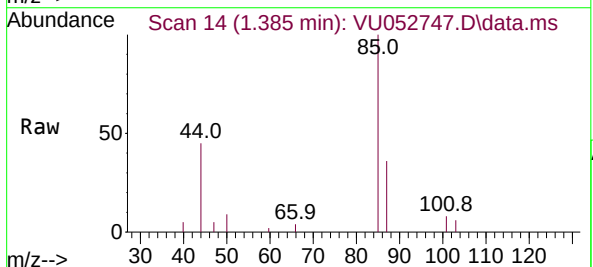
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

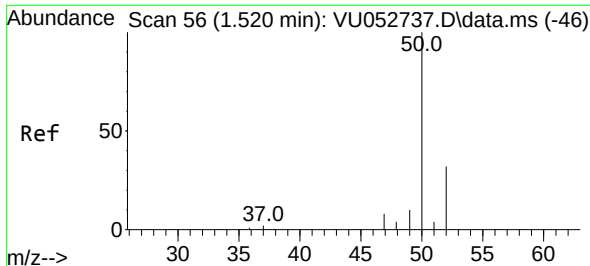
Tgt Ion:168 Resp: 205252  
Ion Ratio Lower Upper  
168 100  
99 58.1 46.4 69.6



#2  
Dichlorodifluoromethane  
Concen: 2.367 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 85 Resp: 5729  
Ion Ratio Lower Upper  
85 100  
87 36.2 16.6 49.7

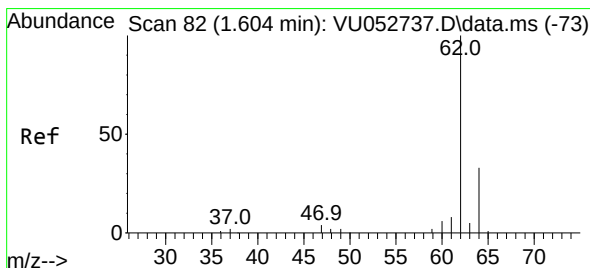
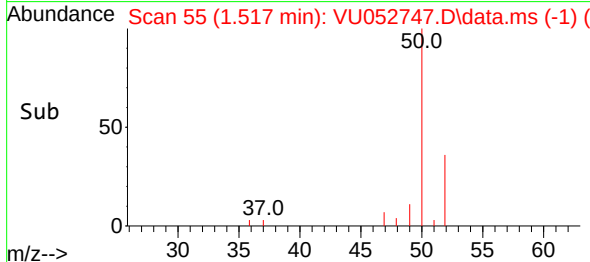
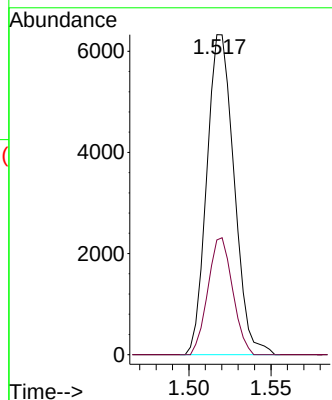
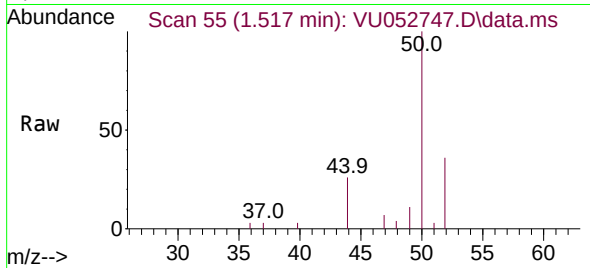




#3  
Chloromethane  
Concen: 2.941 ug/l  
RT: 1.517 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

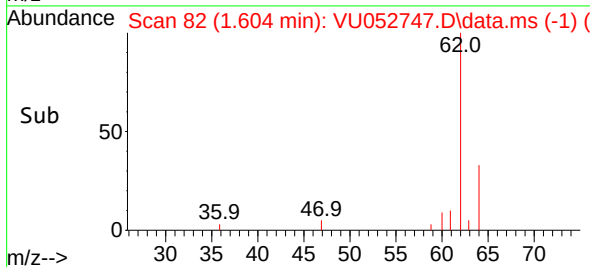
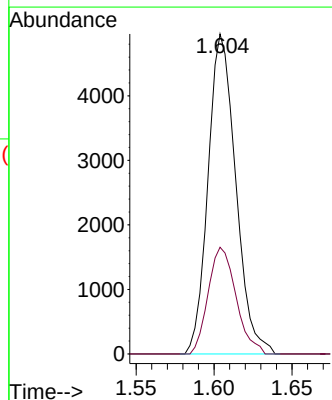
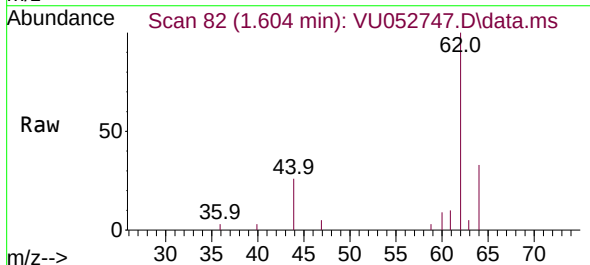
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

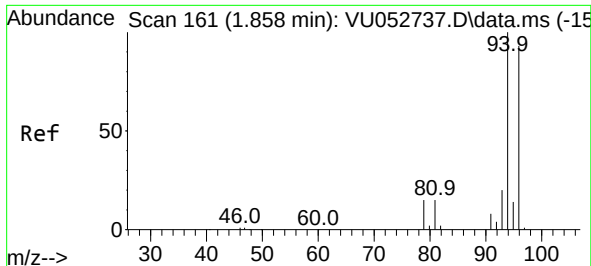
Tgt Ion: 50 Resp: 7311  
Ion Ratio Lower Upper  
50 100  
52 35.9 25.8 38.6



#4  
Vinyl Chloride  
Concen: 2.467 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 62 Resp: 6117  
Ion Ratio Lower Upper  
62 100  
64 33.4 26.1 39.1

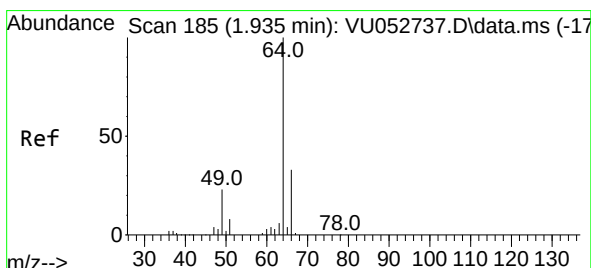
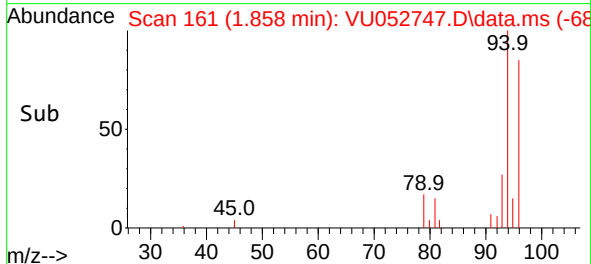
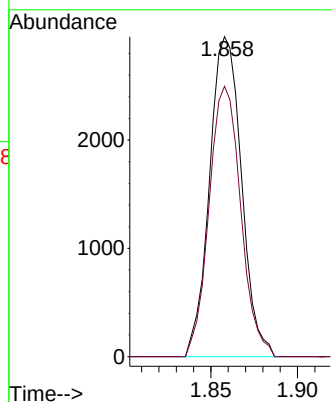
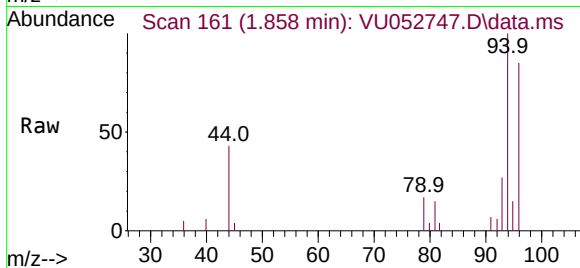




#5  
Bromomethane  
Concen: 3.095 ug/l  
RT: 1.858 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

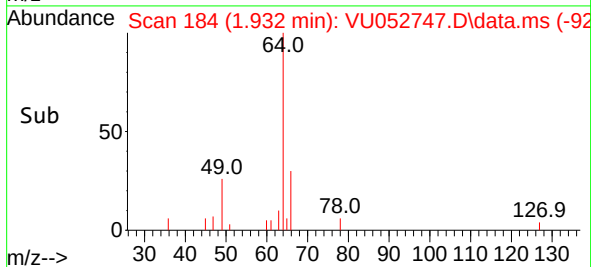
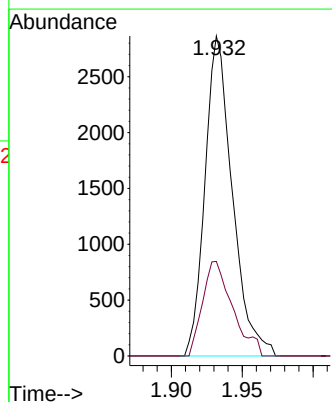
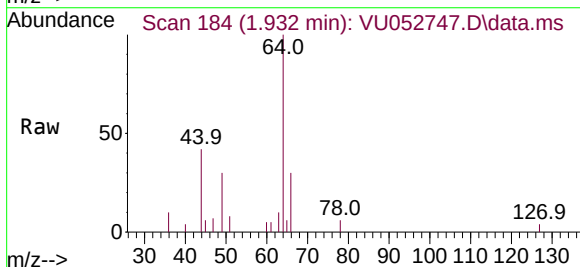
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

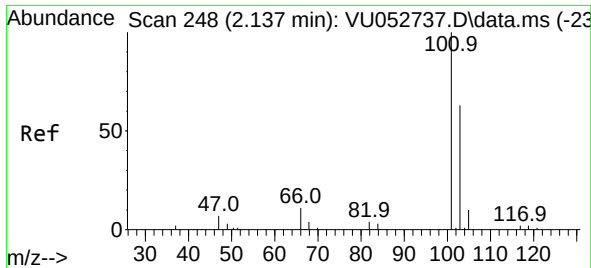
Tgt Ion: 94 Resp: 3788  
Ion Ratio Lower Upper  
94 100  
96 84.5 74.3 111.5



#6  
Chloroethane  
Concen: 2.452 ug/l  
RT: 1.932 min Scan# 184  
Delta R.T. -0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 64 Resp: 3843  
Ion Ratio Lower Upper  
64 100  
66 29.5 26.1 39.1

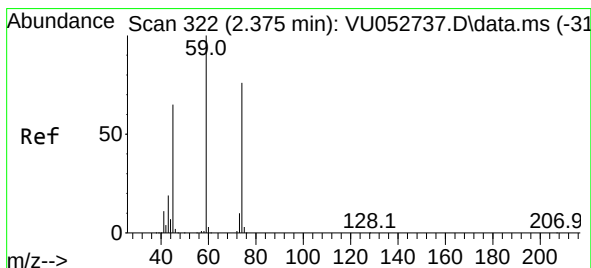
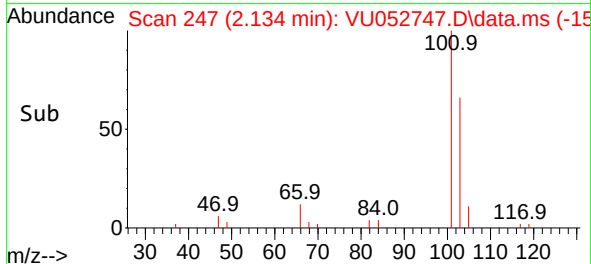
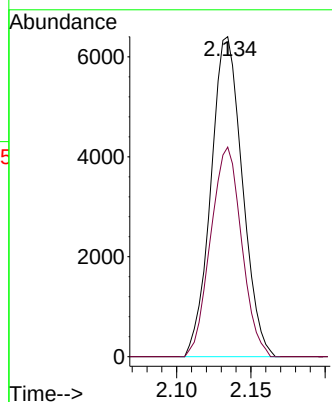
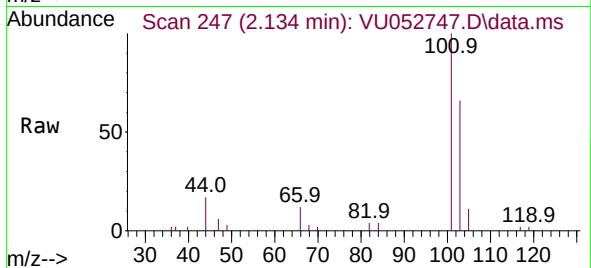




#7  
Trichlorofluoromethane  
Concen: 2.472 ug/l  
RT: 2.134 min Scan# 248  
Delta R.T. -0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

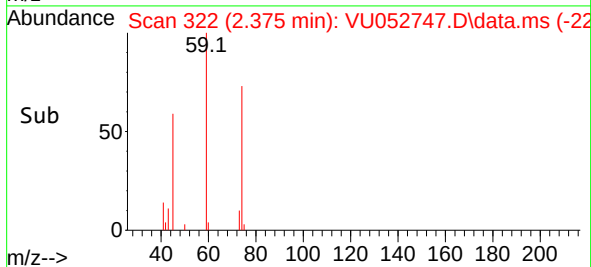
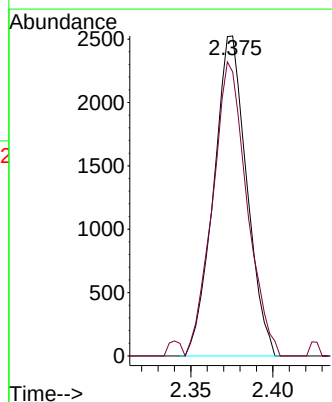
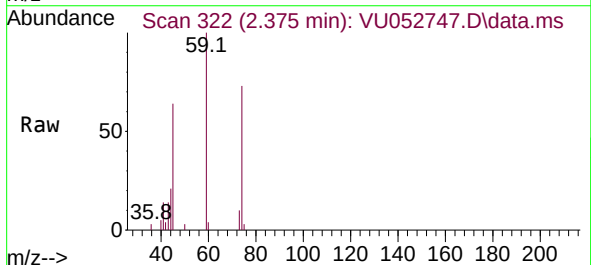
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

Tgt Ion:101 Resp: 9435  
Ion Ratio Lower Upper  
101 100  
103 65.5 50.7 76.1

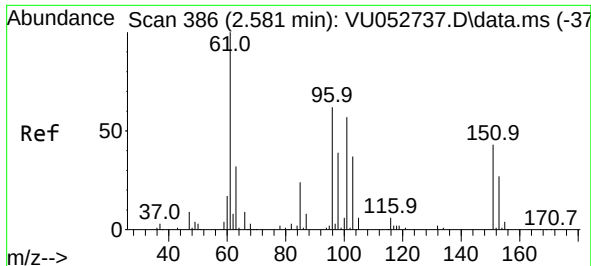


#8  
Diethyl Ether  
Concen: 2.540 ug/l  
RT: 2.375 min Scan# 322  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 74 Resp: 3530  
Ion Ratio Lower Upper  
74 100  
45 95.6 42.4 127.3



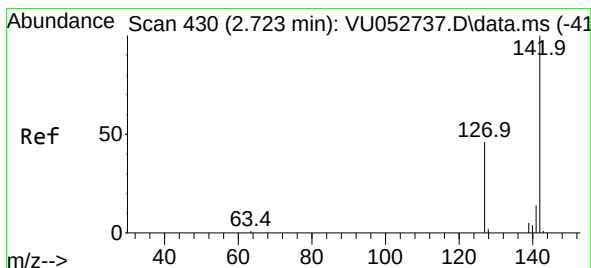
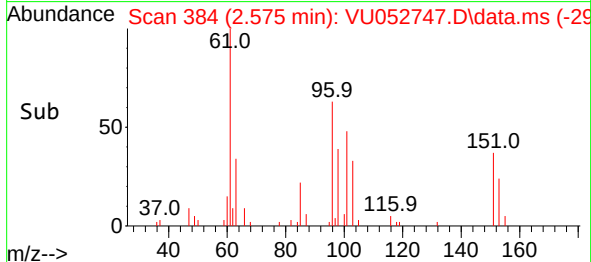
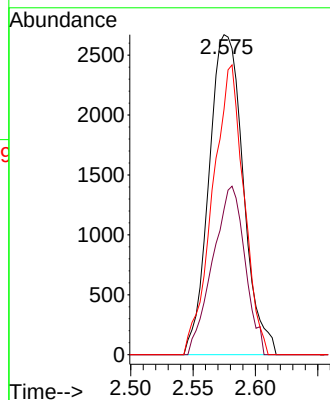
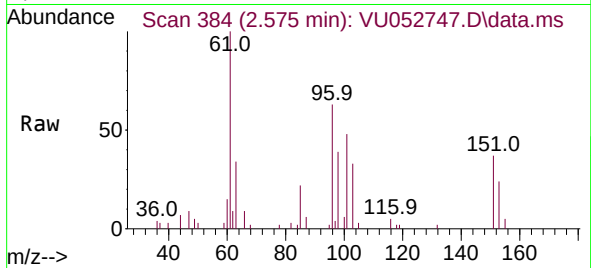




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 2.317 ug/l  
RT: 2.575 min Scan# 386  
Delta R.T. -0.006 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

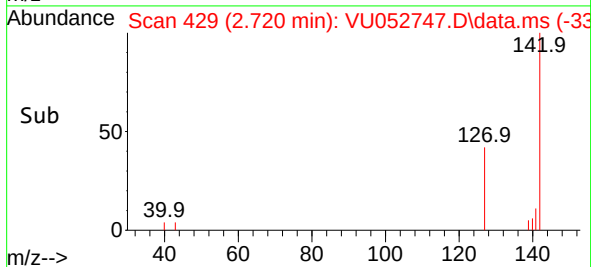
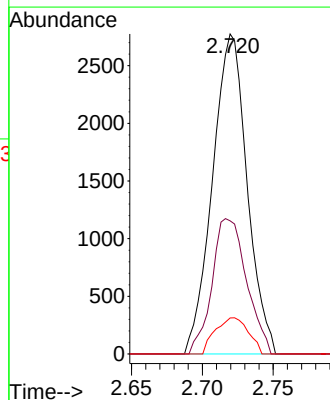
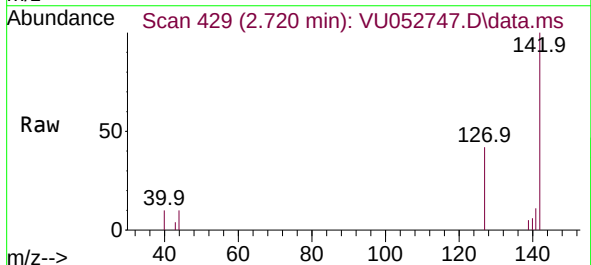
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

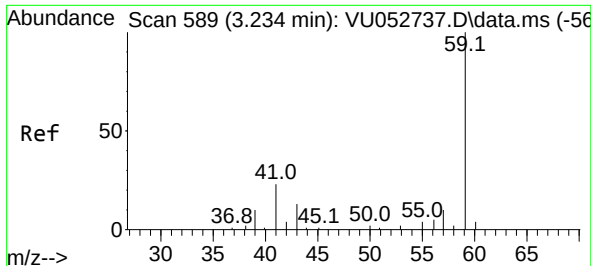
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 5115  |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 49.5  | 35.1  | 52.7  |
| 151      | 82.7  | 61.9  | 92.9  |



#10  
Methyl Iodide  
Concen: 2.601 ug/l  
RT: 2.720 min Scan# 429  
Delta R.T. -0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 4717  |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 42.3  | 36.3  | 54.5  |
| 141      | 10.8  | 11.8  | 17.6  |

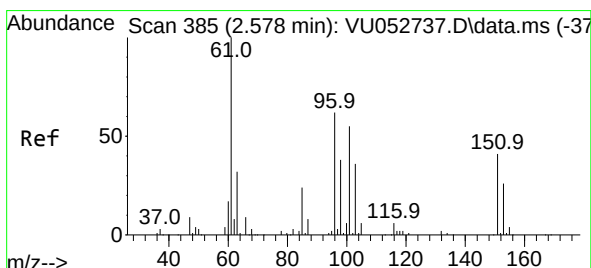
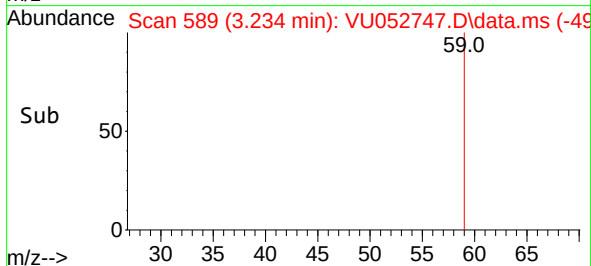
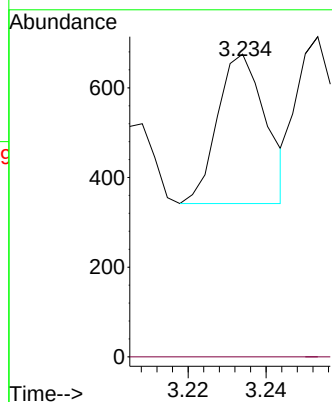
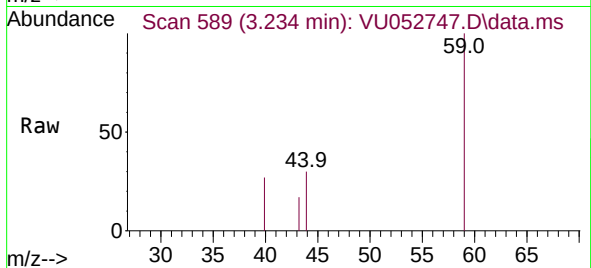




#11  
Tert butyl alcohol  
Concen: 0.570 ug/l  
RT: 3.234 min Scan# 589  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

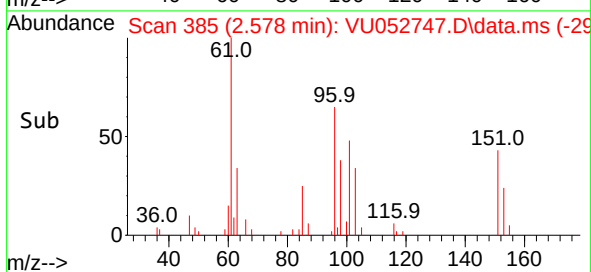
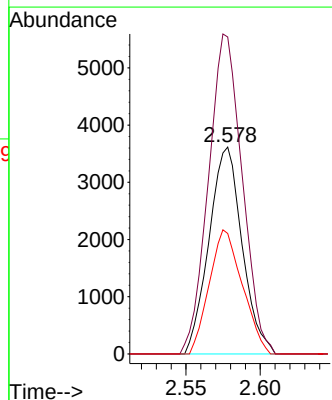
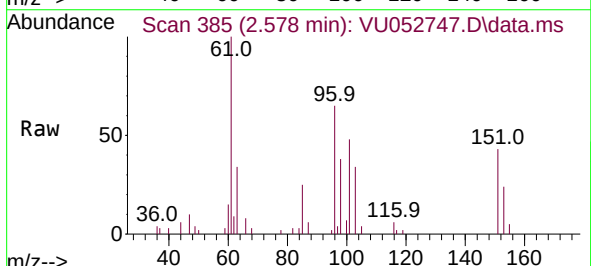
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

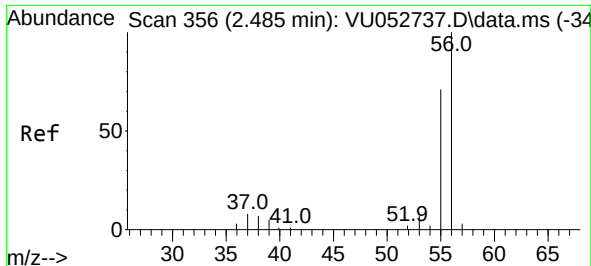
Tgt Ion: 59 Resp: 287  
Ion Ratio Lower Upper  
59 100  
57 0.0 3.0 4.6#



#12  
1,1-Dichloroethene  
Concen: 2.574 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 96 Resp: 5619  
Ion Ratio Lower Upper  
96 100  
61 153.3 129.8 194.6  
98 58.2 49.9 74.9





#13

Acrolein

Concen: 14.816 ug/l

RT: 2.488 min Scan# 356

Delta R.T. 0.003 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

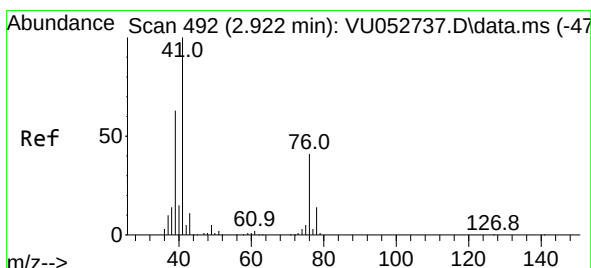
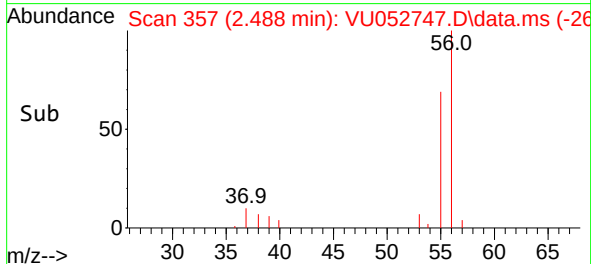
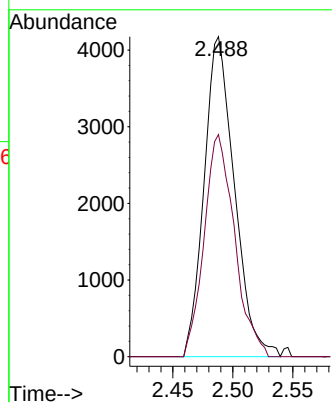
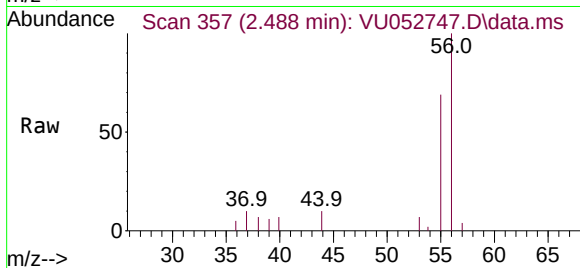
MDL04

Tgt Ion: 56 Resp: 7337

Ion Ratio Lower Upper

56 100

55 69.7 57.2 85.8



#14

Allyl chloride

Concen: 2.372 ug/l

RT: 2.919 min Scan# 491

Delta R.T. -0.003 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

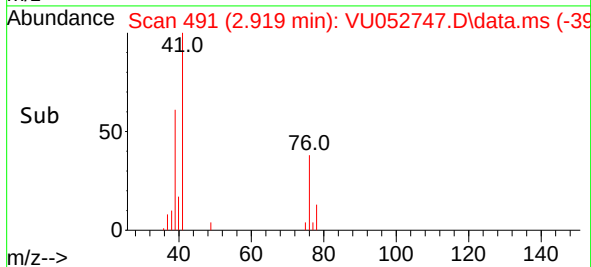
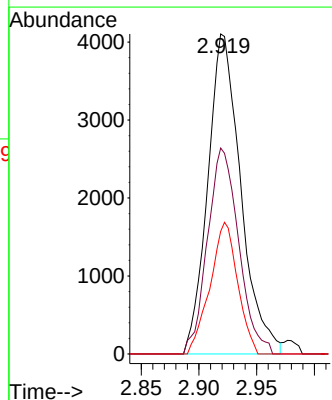
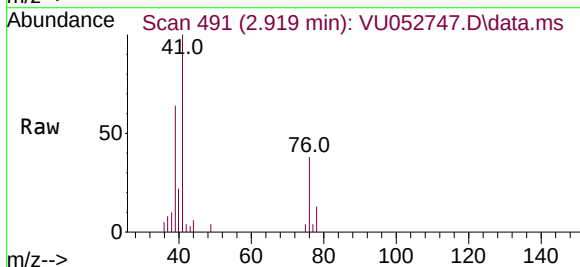
Tgt Ion: 41 Resp: 8156

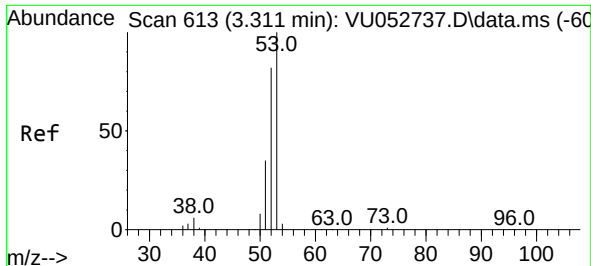
Ion Ratio Lower Upper

41 100

39 60.8 48.2 72.2

76 34.3 29.4 44.0

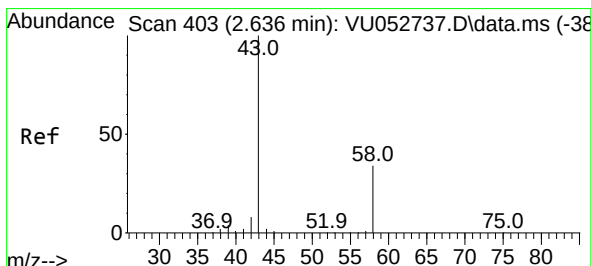
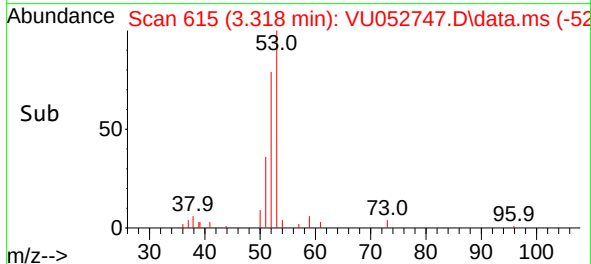
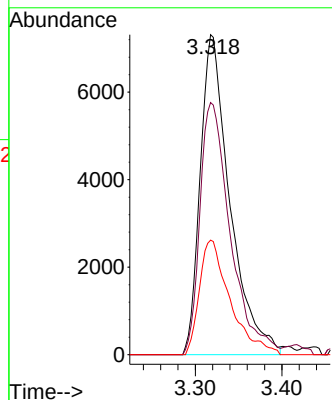
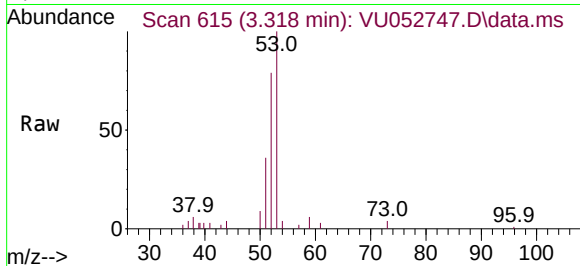




#15  
Acrylonitrile  
Concen: 12.516 ug/l  
RT: 3.318 min Scan# 613  
Delta R.T. 0.007 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

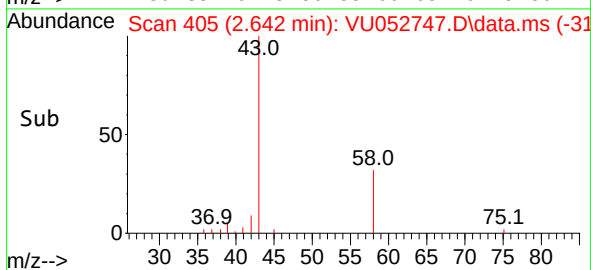
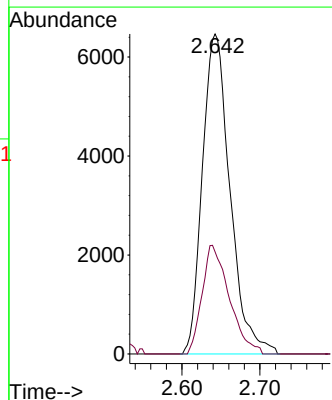
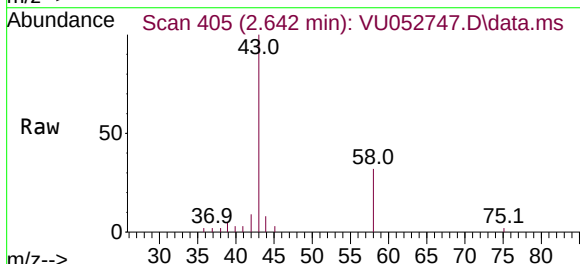
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

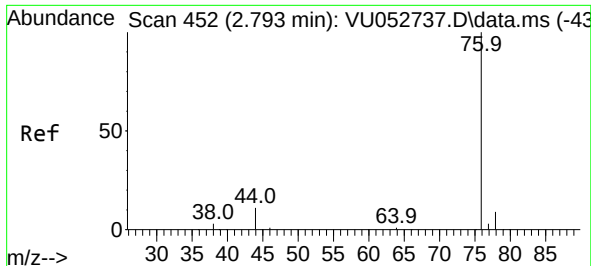
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 53 | Resp: | 17394 |       |
| Ion         | Ratio | Lower | Upper |
| 53          | 100   |       |       |
| 52          | 80.7  | 64.9  | 97.3  |
| 51          | 37.1  | 27.6  | 41.4  |



#16  
Acetone  
Concen: 11.299 ug/l  
RT: 2.642 min Scan# 405  
Delta R.T. 0.007 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 43 | Resp: | 15918 |       |
| Ion         | Ratio | Lower | Upper |
| 43          | 100   |       |       |
| 58          | 31.9  | 27.1  | 40.7  |

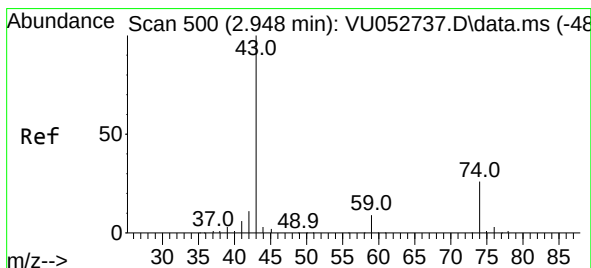
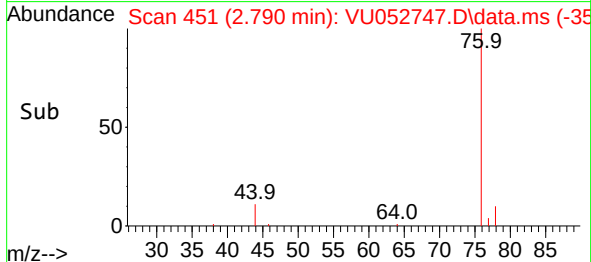
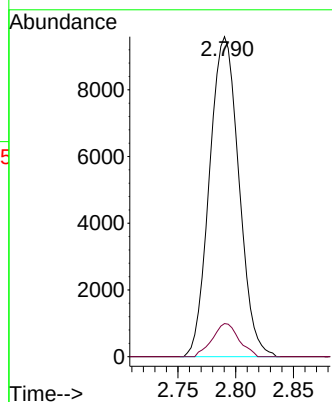
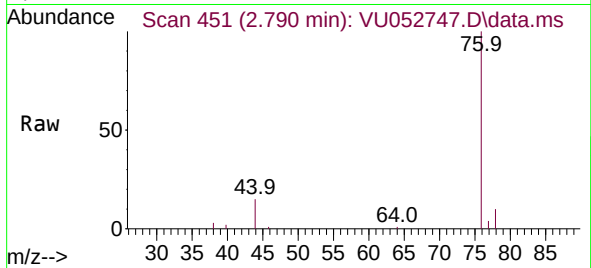




#17  
Carbon Disulfide  
Concen: 2.598 ug/l  
RT: 2.790 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

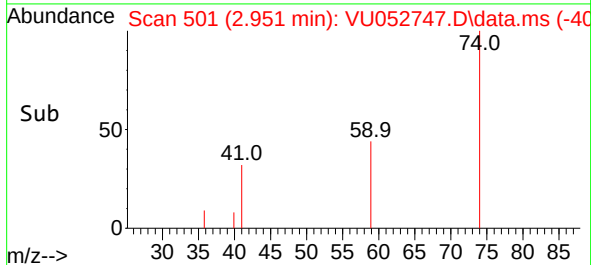
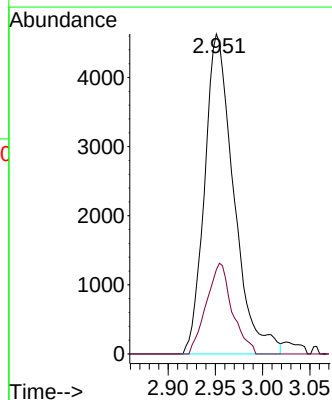
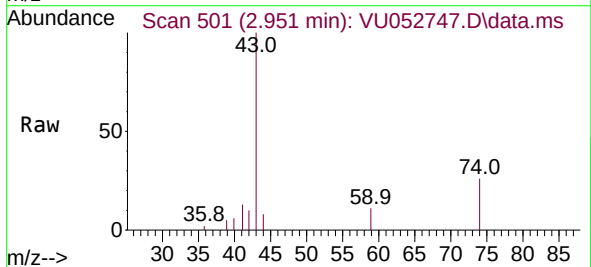
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

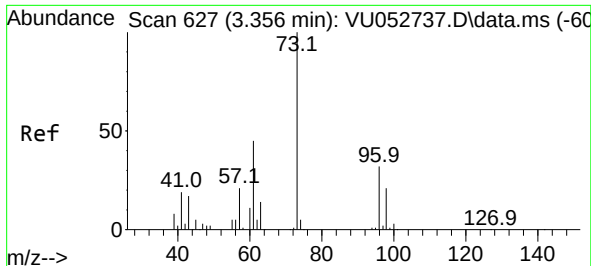
Tgt Ion: 76 Resp: 16993  
Ion Ratio Lower Upper  
76 100  
78 10.3 7.4 11.2



#18  
Methyl Acetate  
Concen: 2.541 ug/l  
RT: 2.951 min Scan# 501  
Delta R.T. 0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 43 Resp: 9906  
Ion Ratio Lower Upper  
43 100  
74 25.1 21.1 31.7

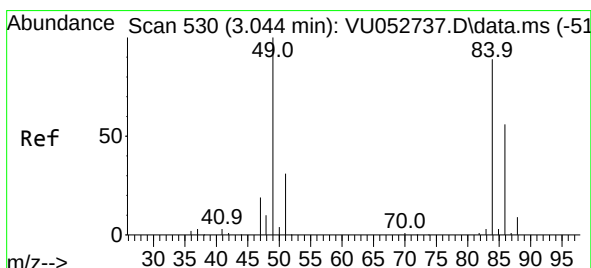
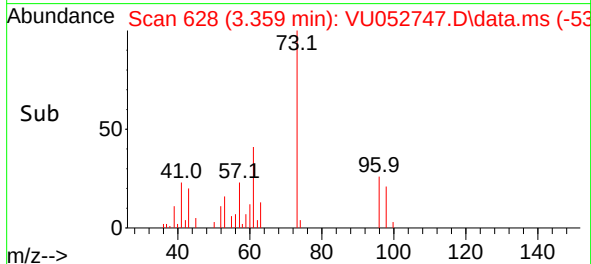
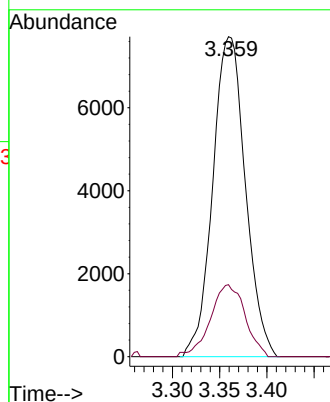
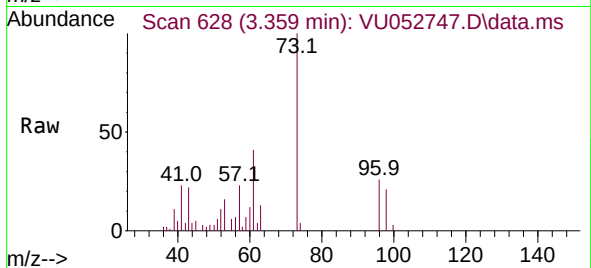




#19  
Methyl tert-butyl Ether  
Concen: 2.502 ug/l  
RT: 3.359 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

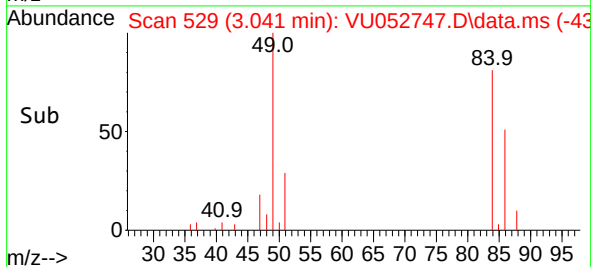
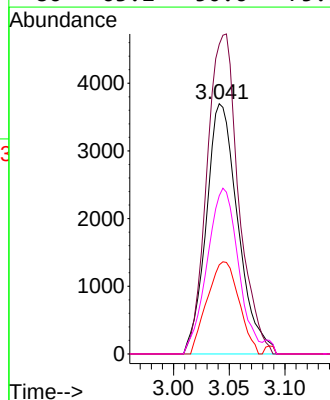
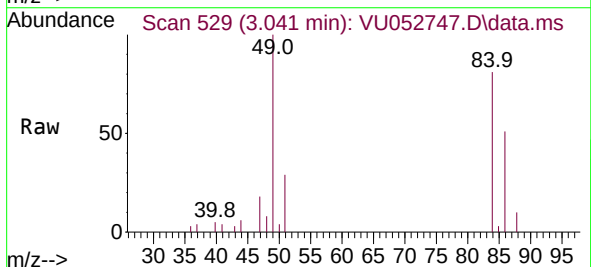
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

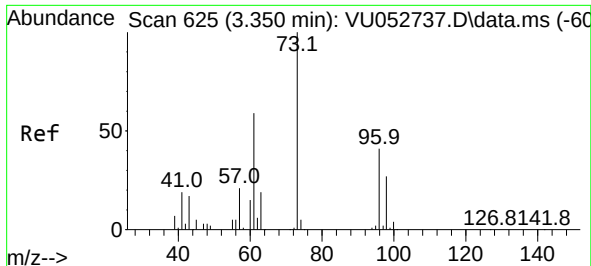
Tgt Ion: 73 Resp: 18504  
Ion Ratio Lower Upper  
73 100  
57 22.5 16.9 25.3



#20  
Methylene Chloride  
Concen: 2.308 ug/l  
RT: 3.041 min Scan# 529  
Delta R.T. -0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 84 Resp: 7318  
Ion Ratio Lower Upper  
84 100  
49 123.7 90.2 135.4  
51 35.6 28.1 42.1  
86 63.2 50.6 75.8

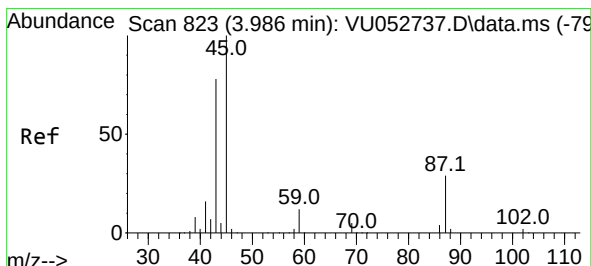
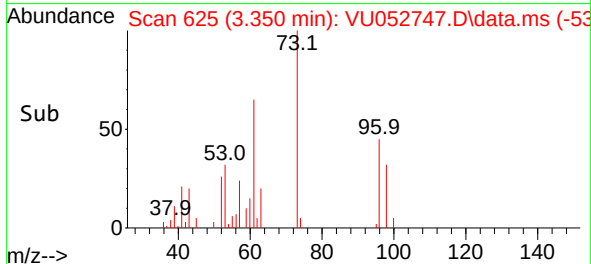
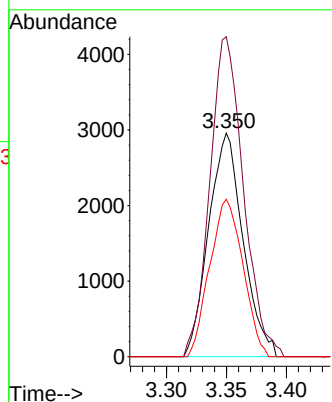
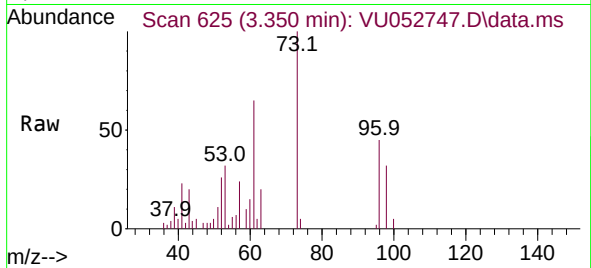




#21  
trans-1,2-Dichloroethene  
Concen: 2.506 ug/l  
RT: 3.350 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

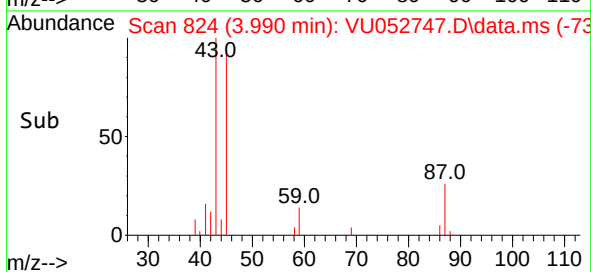
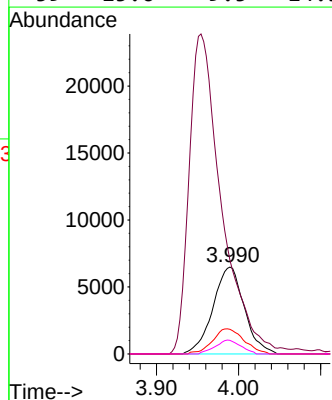
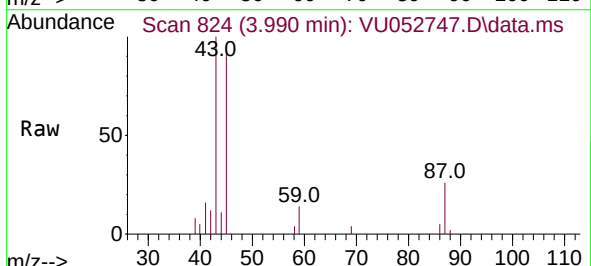
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

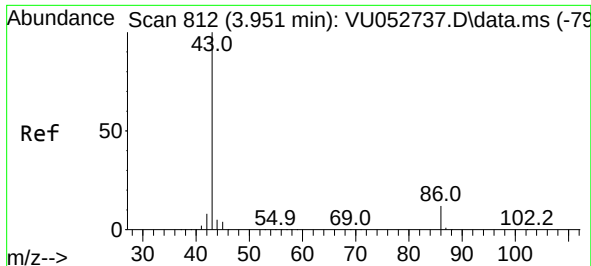
Tgt Ion: 96 Resp: 5898  
Ion Ratio Lower Upper  
96 100  
61 143.1 114.7 172.1  
98 70.4 52.4 78.6



#22  
Diisopropyl ether  
Concen: 2.413 ug/l  
RT: 3.990 min Scan# 824  
Delta R.T. 0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 45 Resp: 17253  
Ion Ratio Lower Upper  
45 100  
43 100.7 64.6 97.0#  
87 28.4 23.2 34.8  
59 15.6 9.5 14.3#

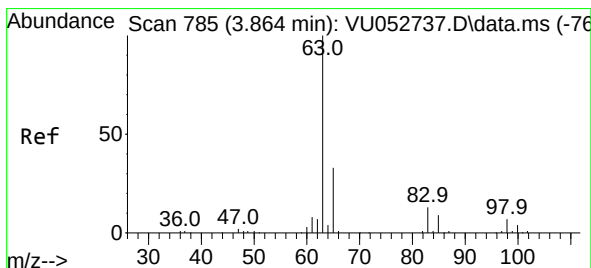
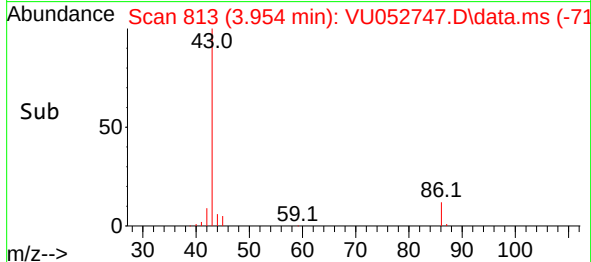
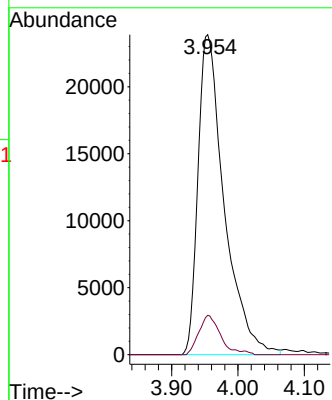
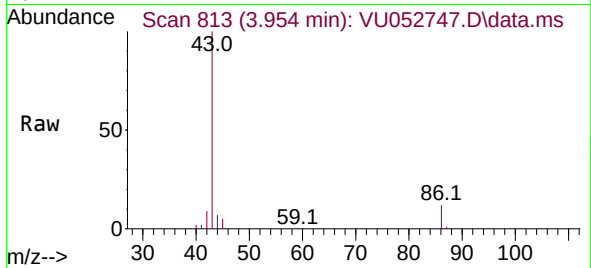




#23  
 Vinyl Acetate  
 Concen: 11.948 ug/l  
 RT: 3.954 min Scan# 812  
 Delta R.T. 0.003 min  
 Lab File: VU052747.D  
 Acq: 19 Jan 2023 19:54

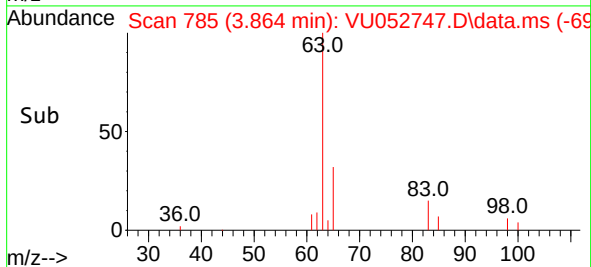
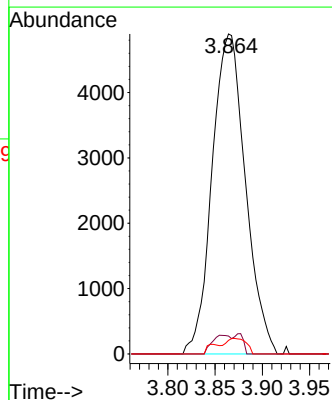
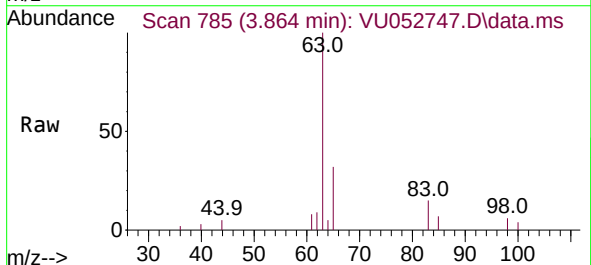
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

Tgt Ion: 43 Resp: 65559  
 Ion Ratio Lower Upper  
 43 100  
 86 12.3 9.4 14.0

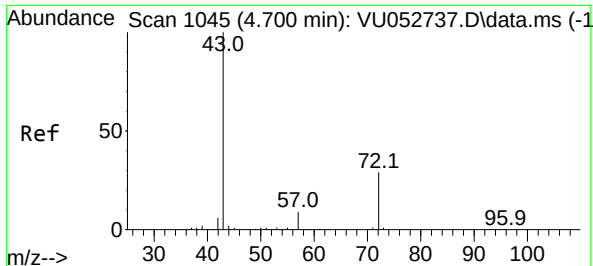


#24  
 1,1-Dichloroethane  
 Concen: 2.645 ug/l  
 RT: 3.864 min Scan# 785  
 Delta R.T. 0.000 min  
 Lab File: VU052747.D  
 Acq: 19 Jan 2023 19:54

Tgt Ion: 63 Resp: 11998  
 Ion Ratio Lower Upper  
 63 100  
 98 5.6 3.6 10.9  
 100 4.2 2.2 6.6







#25

2-Butanone

Concen: 11.895 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.013 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

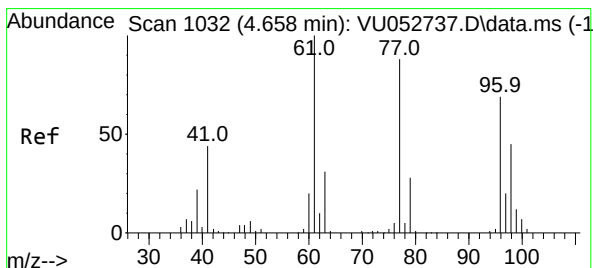
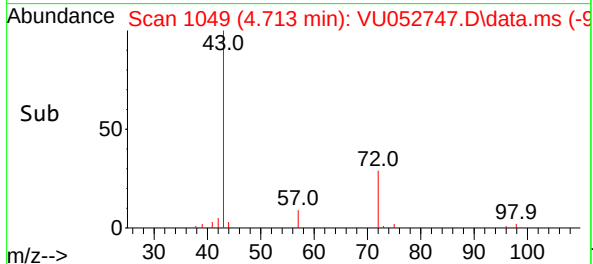
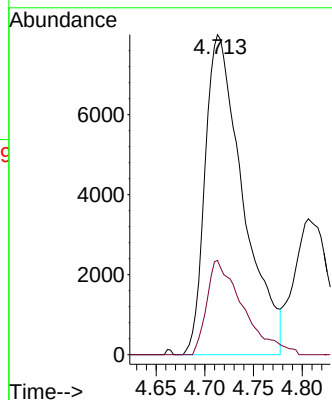
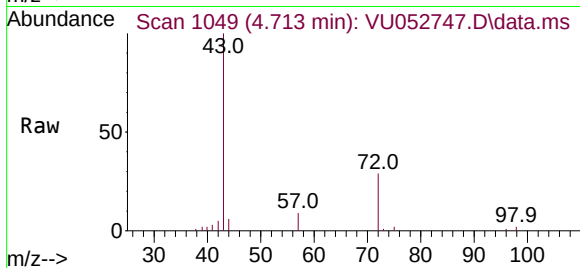
MDL04

Tgt Ion: 43 Resp: 21613

Ion Ratio Lower Upper

43 100

72 29.5 23.3 34.9



#26

2,2-Dichloropropane

Concen: 2.423 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU052747.D

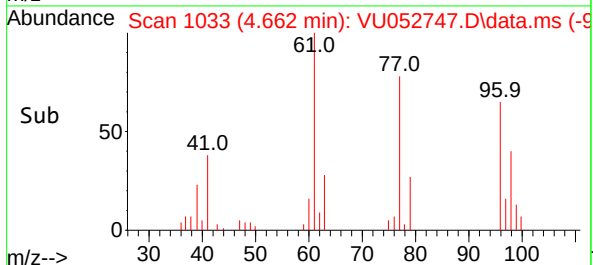
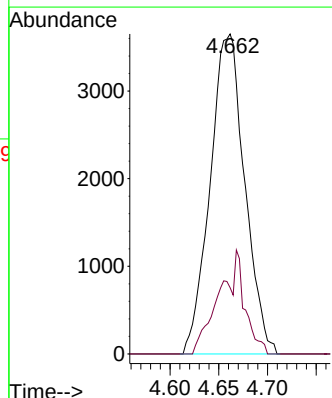
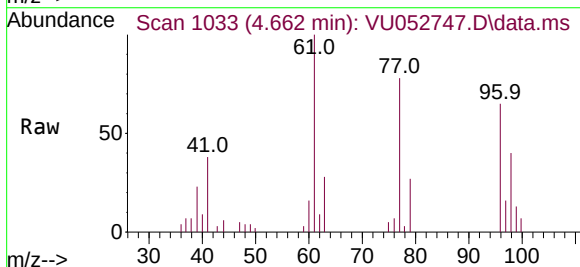
Acq: 19 Jan 2023 19:54

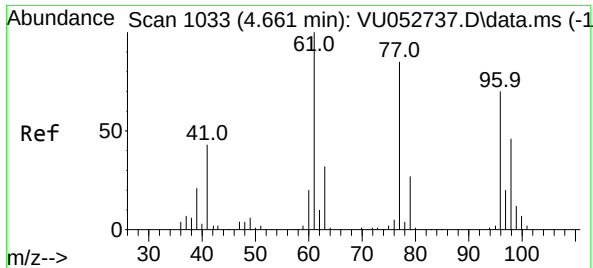
Tgt Ion: 77 Resp: 9016

Ion Ratio Lower Upper

77 100

97 9.7 11.3 33.8#

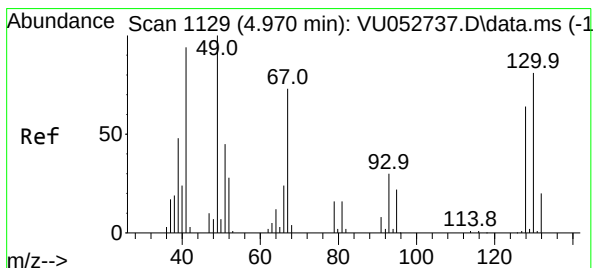
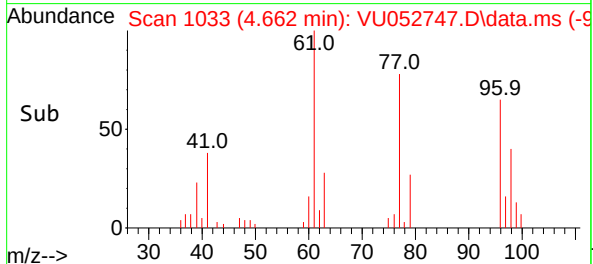
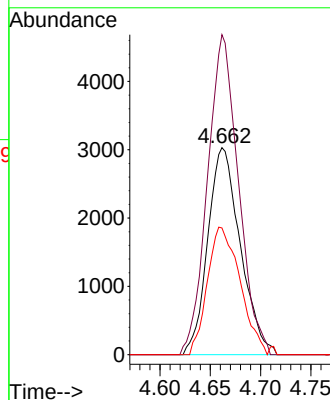
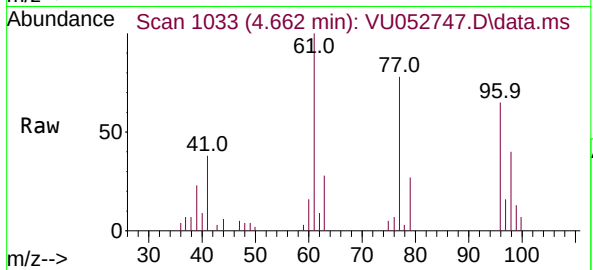




#27  
cis-1,2-Dichloroethene  
Concen: 2.636 ug/l  
RT: 4.662 min Scan# 1103  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

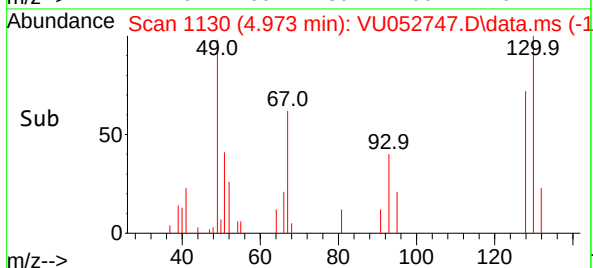
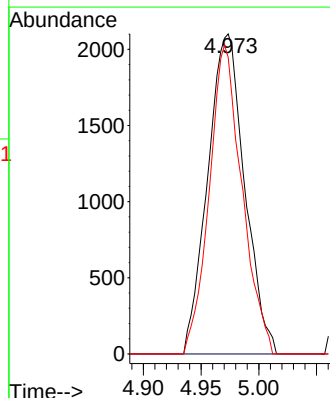
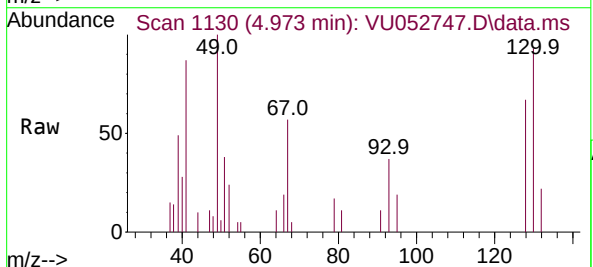
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

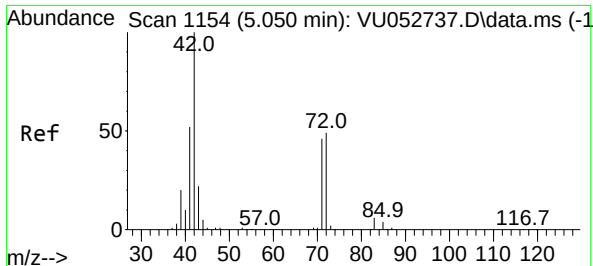
Tgt Ion: 96 Resp: 6811  
Ion Ratio Lower Upper  
96 100  
61 147.0 0.0 287.2  
98 61.8 0.0 128.4



#28  
Bromochloromethane  
Concen: 2.469 ug/l  
RT: 4.973 min Scan# 1130  
Delta R.T. 0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 49 Resp: 4675  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 4.6  
130 85.5 65.5 98.3





#29

Tetrahydrofuran

Concen: 12.451 ug/l

RT: 5.060 min Scan# 1154

Delta R.T. 0.010 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

MDL04

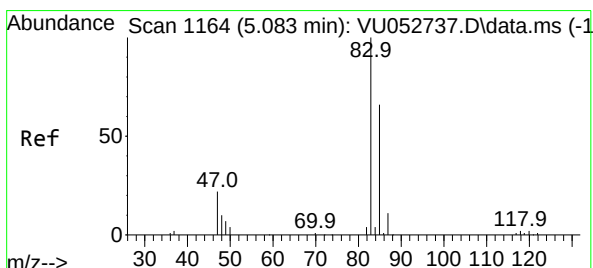
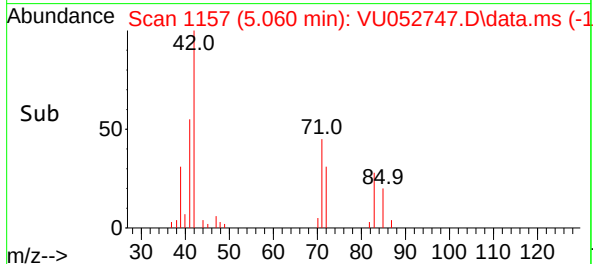
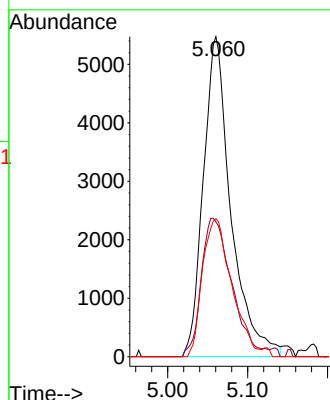
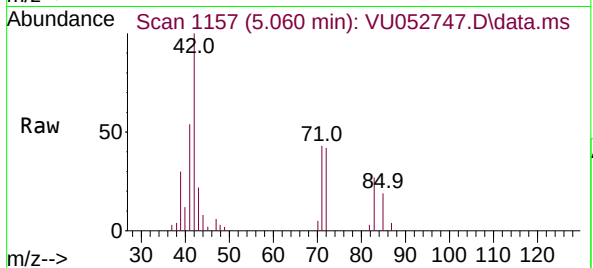
Tgt Ion: 42 Resp: 13133

Ion Ratio Lower Upper

42 100

72 48.0 40.5 60.7

71 46.0 37.4 56.0



#30

Chloroform

Concen: 2.469 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU052747.D

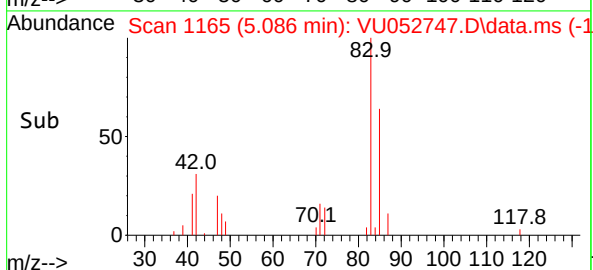
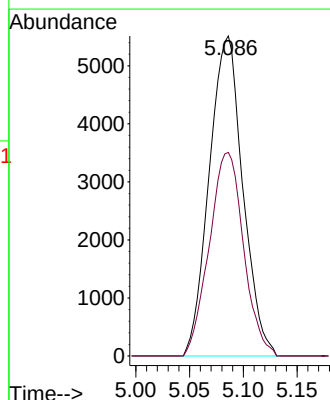
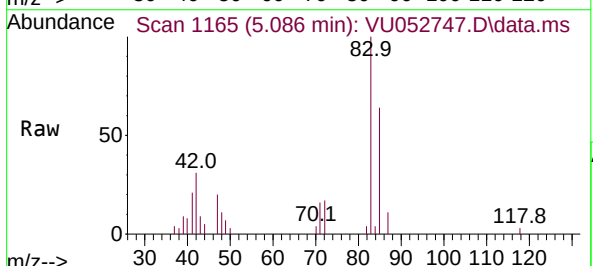
Acq: 19 Jan 2023 19:54

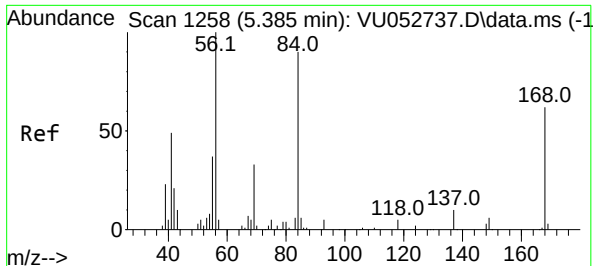
Tgt Ion: 83 Resp: 11973

Ion Ratio Lower Upper

83 100

85 63.6 52.6 79.0

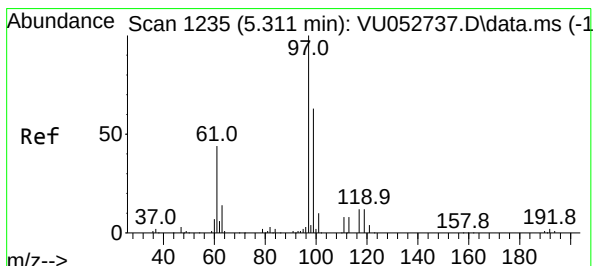
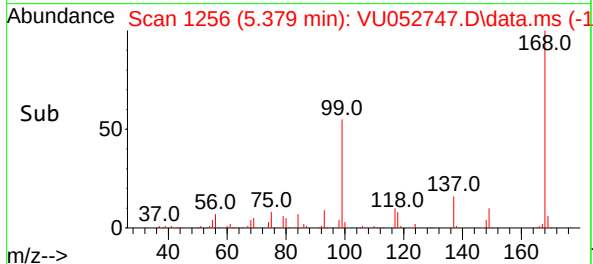
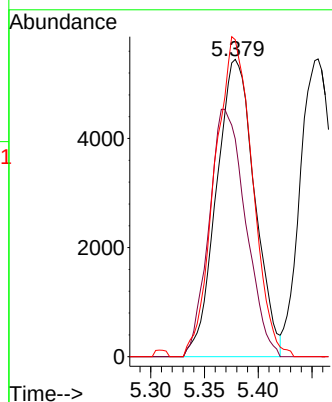
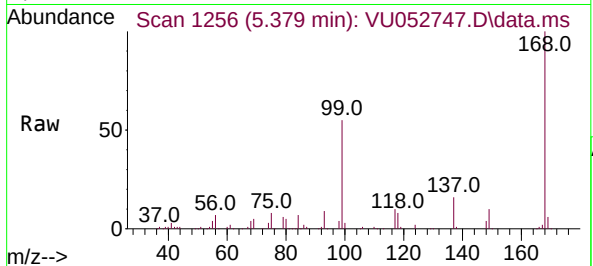




#31  
Cyclohexane  
Concen: 3.251 ug/l  
RT: 5.379 min Scan# 1256  
Delta R.T. -0.006 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

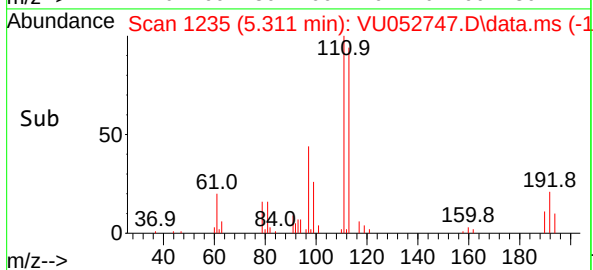
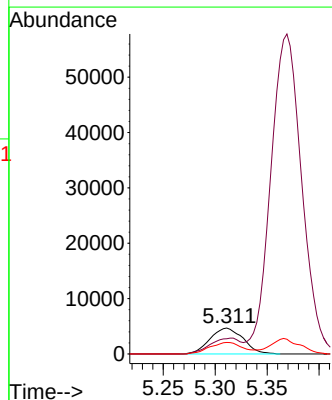
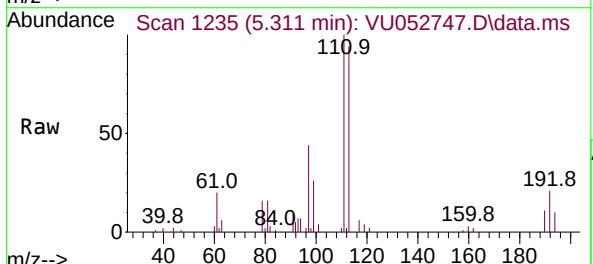
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

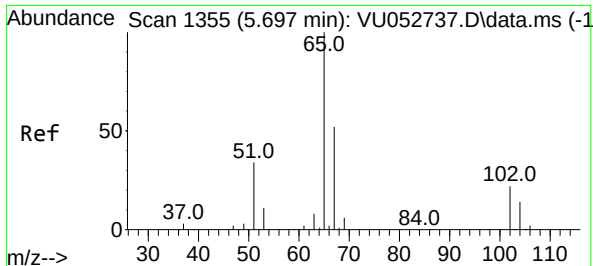
Tgt Ion: 56 Resp: 13465  
Ion Ratio Lower Upper  
56 100  
69 73.2 26.2 39.2#  
84 106.6 72.2 108.4



#32  
1,1,1-Trichloroethane  
Concen: 2.622 ug/l  
RT: 5.311 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 97 Resp: 10412  
Ion Ratio Lower Upper  
97 100  
99 56.7 50.5 75.7  
61 45.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.194 ug/l

RT: 5.697 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

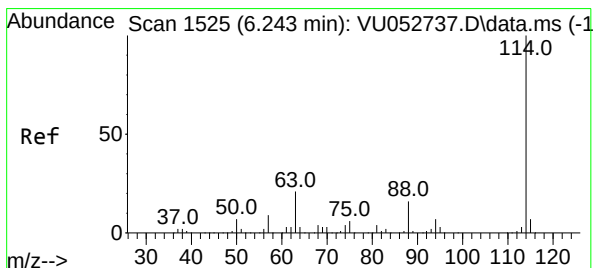
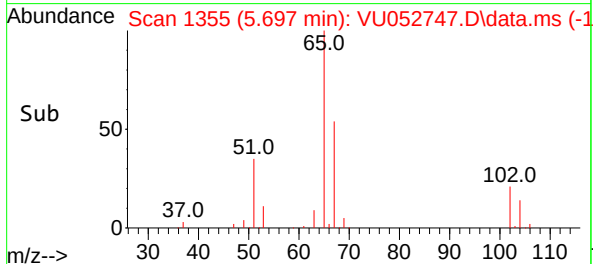
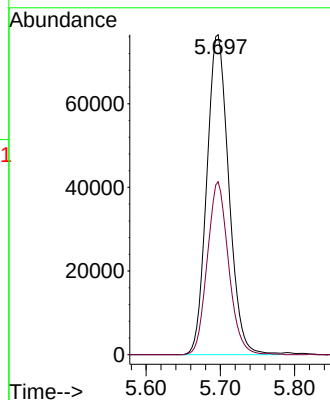
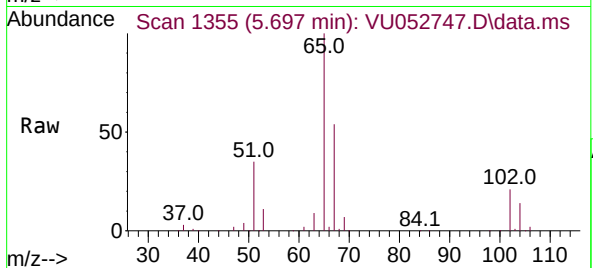
MDL04

Tgt Ion: 65 Resp: 157241

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

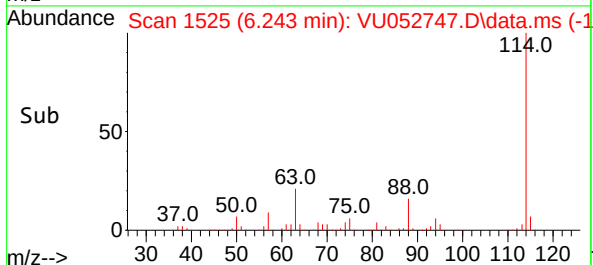
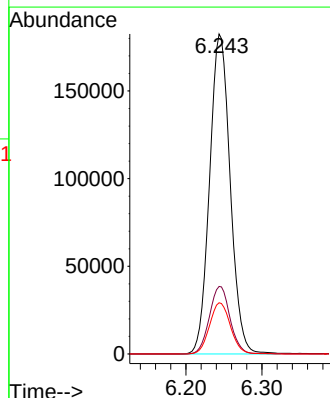
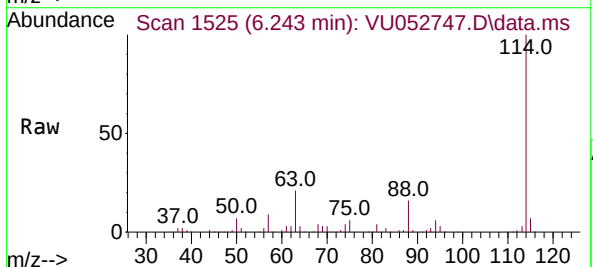
Tgt Ion: 114 Resp: 343482

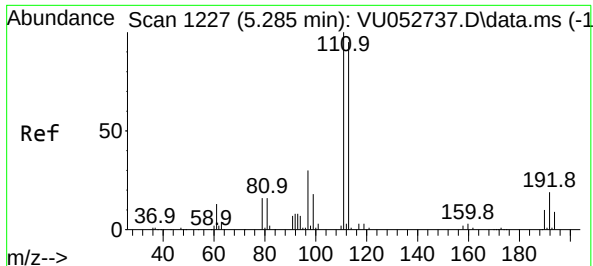
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

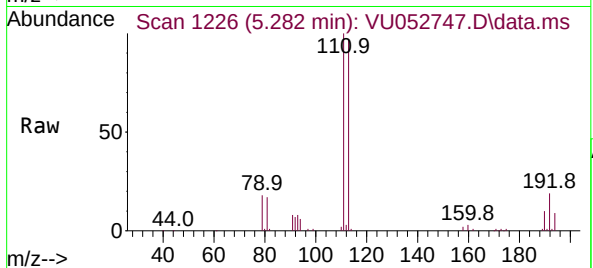
88 16.0 0.0 32.8



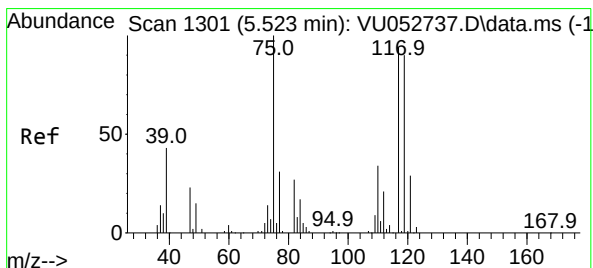
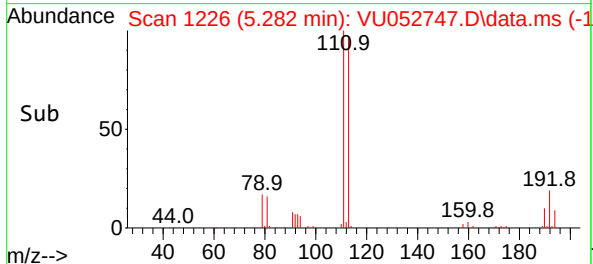
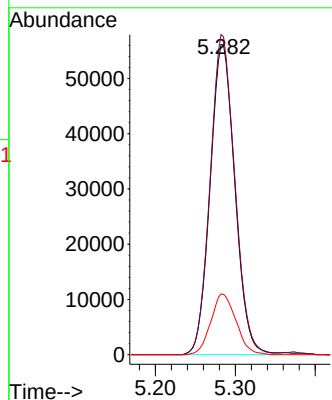


#35  
Dibromofluoromethane  
Concen: 50.499 ug/l  
RT: 5.282 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

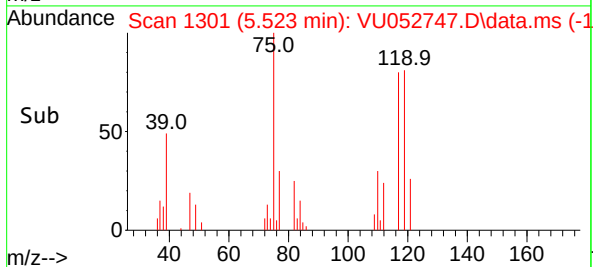
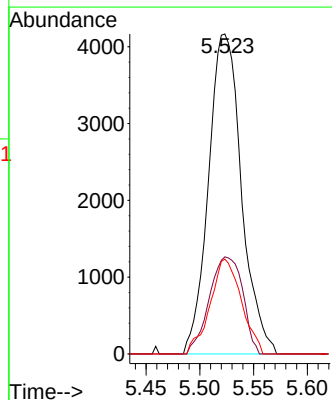
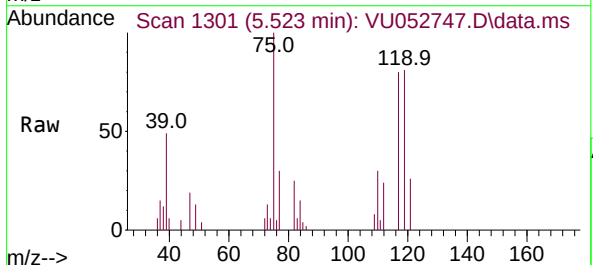


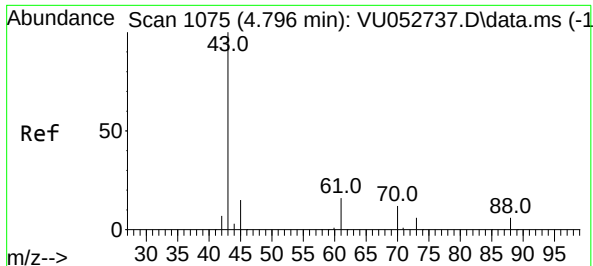
Tgt Ion:113 Resp: 120779  
Ion Ratio Lower Upper  
113 100  
111 102.7 81.2 121.8  
192 19.9 15.7 23.5



#36  
1,1-Dichloropropene  
Concen: 2.591 ug/l  
RT: 5.523 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 75 Resp: 8890  
Ion Ratio Lower Upper  
75 100  
110 30.7 17.1 51.2  
77 28.0 25.0 37.4

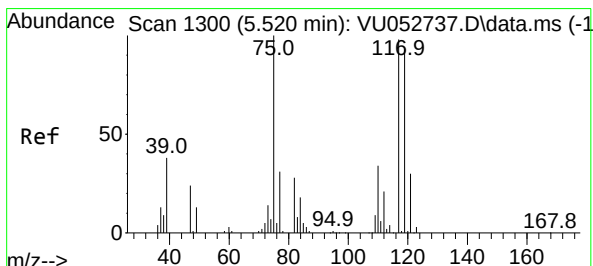
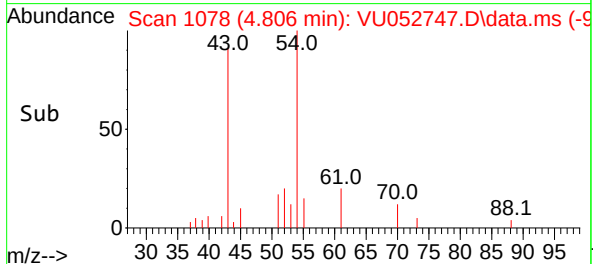
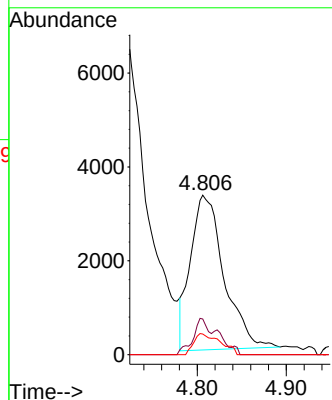
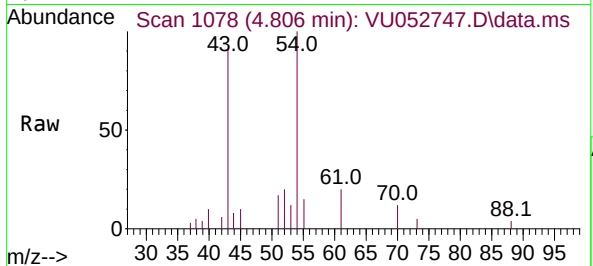




#37  
Ethyl Acetate  
Concen: 2.315 ug/l  
RT: 4.806 min Scan# 1075  
Delta R.T. 0.010 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

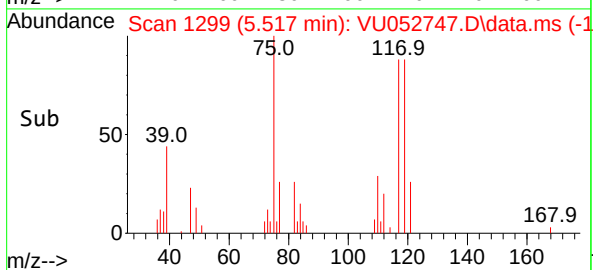
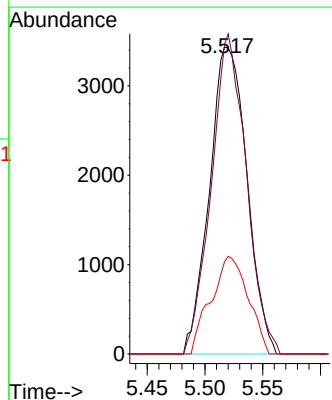
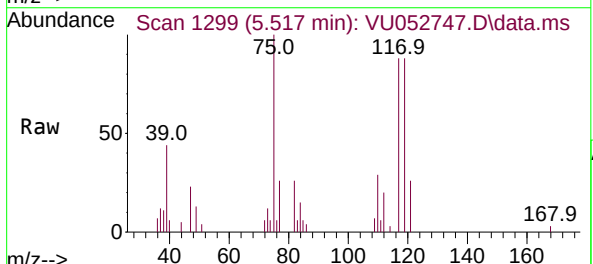
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

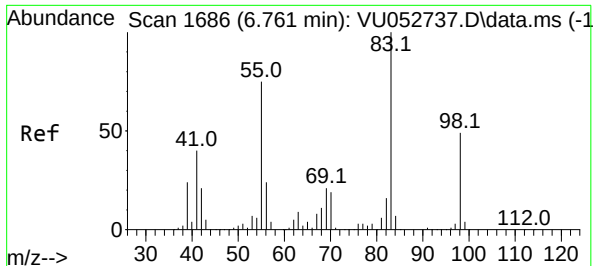
Tgt Ion: 43 Resp: 8637  
Ion Ratio Lower Upper  
43 100  
61 11.1 12.2 18.4#  
70 10.7 8.9 13.3



#38  
Carbon Tetrachloride  
Concen: 2.199 ug/l  
RT: 5.517 min Scan# 1299  
Delta R.T. -0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 117 Resp: 7763  
Ion Ratio Lower Upper  
117 100  
119 100.9 75.6 113.4  
121 30.1 24.2 36.4





#39

Methylcyclohexane

Concen: 2.376 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

MDL04

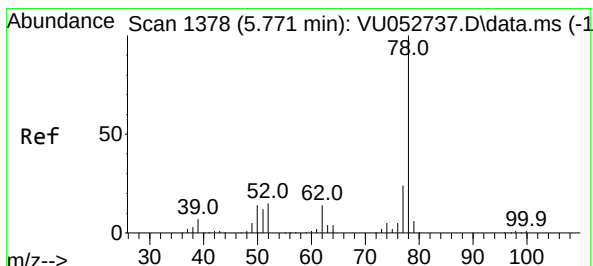
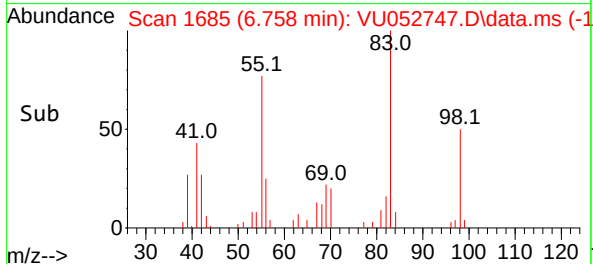
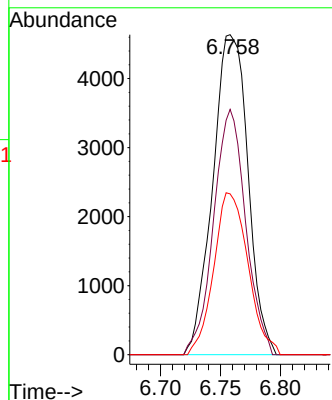
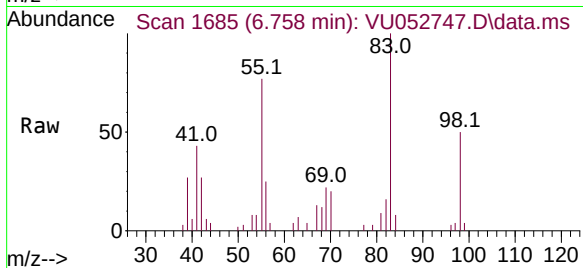
Tgt Ion: 83 Resp: 9487

Ion Ratio Lower Upper

83 100

55 76.6 60.4 90.6

98 50.2 38.9 58.3



#40

Benzene

Concen: 2.469 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. 0.000 min

Lab File: VU052747.D

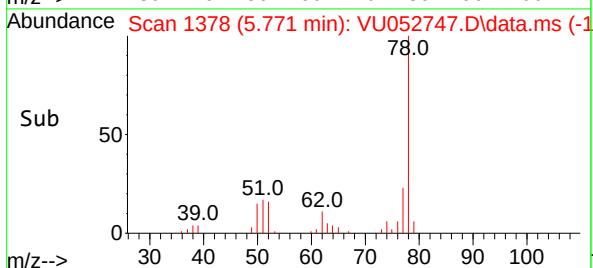
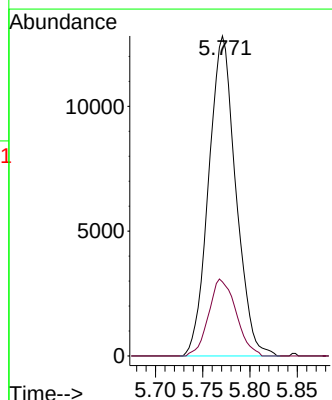
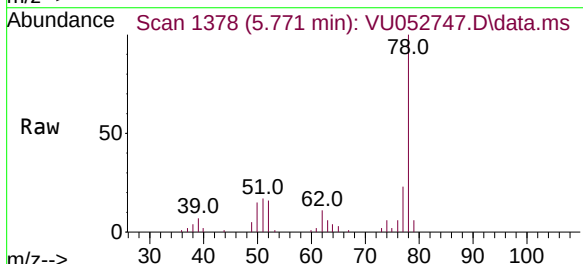
Acq: 19 Jan 2023 19:54

Tgt Ion: 78 Resp: 25587

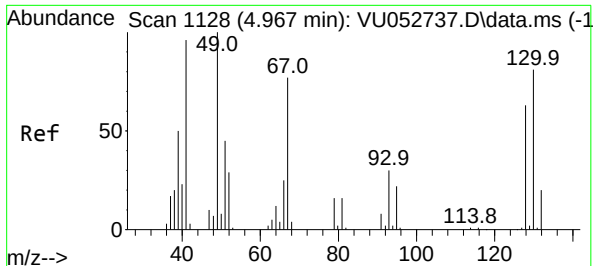
Ion Ratio Lower Upper

78 100

77 23.1 18.9 28.3



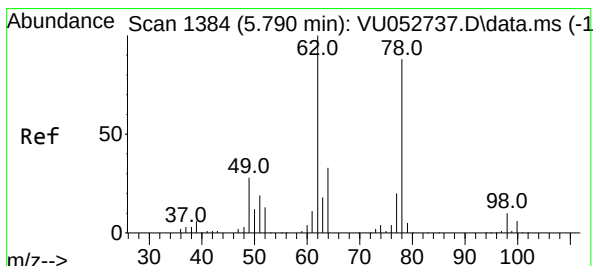
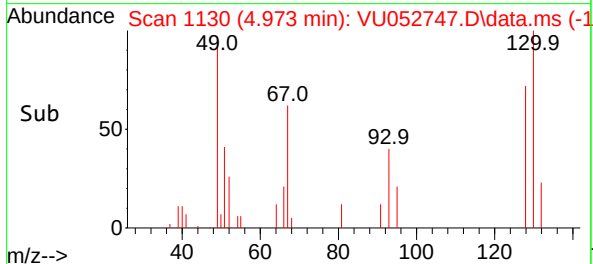
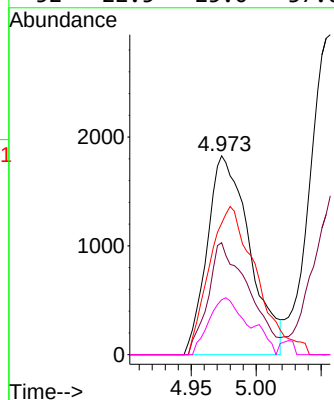
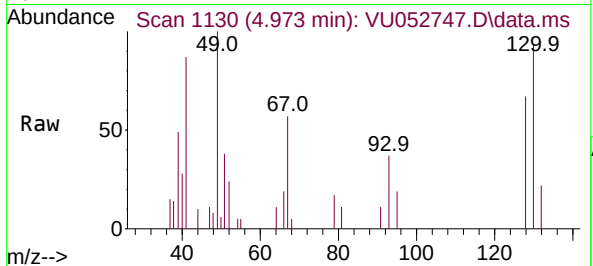




#41  
Methacrylonitrile  
Concen: 2.305 ug/l  
RT: 4.973 min Scan# 1128  
Delta R.T. 0.007 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

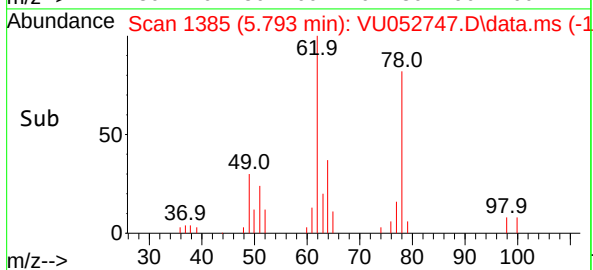
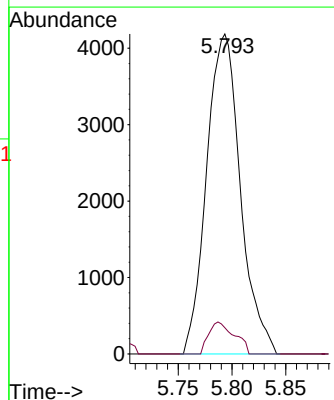
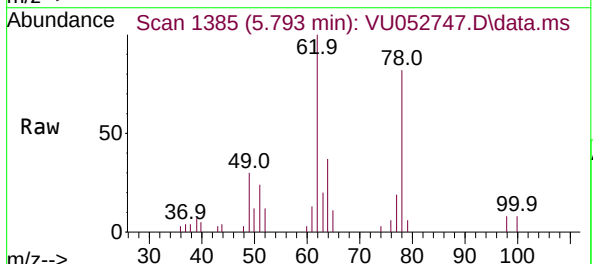
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

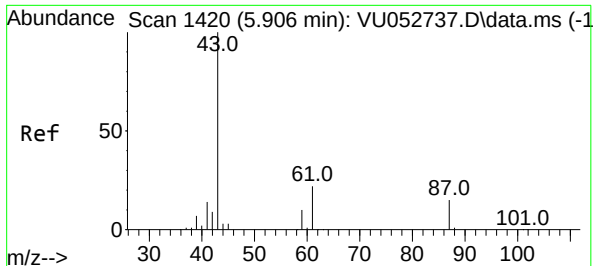
Tgt Ion: 41 Resp: 4160  
Ion Ratio Lower Upper  
41 100  
39 54.6 42.2 63.2  
67 82.5 65.0 97.6  
52 22.5 25.0 37.6#



#42  
1,2-Dichloroethane  
Concen: 2.446 ug/l  
RT: 5.793 min Scan# 1385  
Delta R.T. 0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 62 Resp: 9151  
Ion Ratio Lower Upper  
62 100  
98 7.6 0.0 19.0





#43

Isopropyl Acetate

Concen: 2.516 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.007 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

MDL04

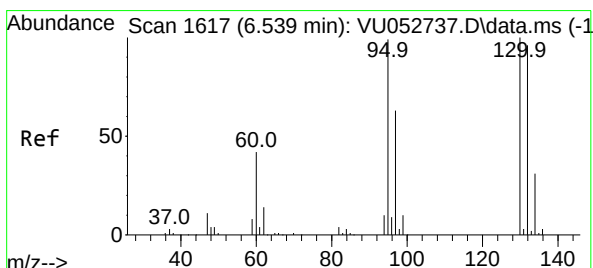
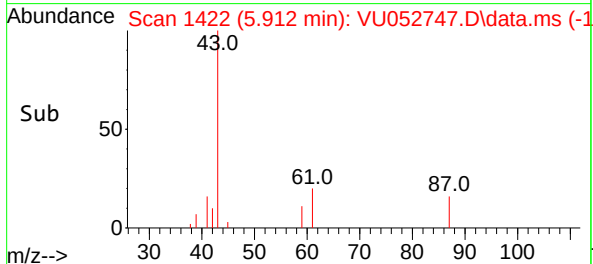
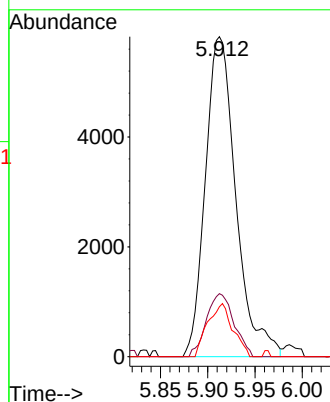
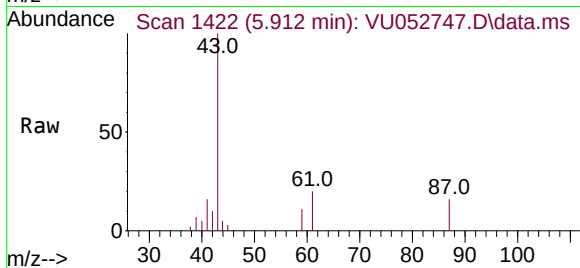
Tgt Ion: 43 Resp: 13082

Ion Ratio Lower Upper

43 100

61 17.8 18.1 27.1#

87 13.7 11.7 17.5



#44

Trichloroethene

Concen: 2.563 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052747.D

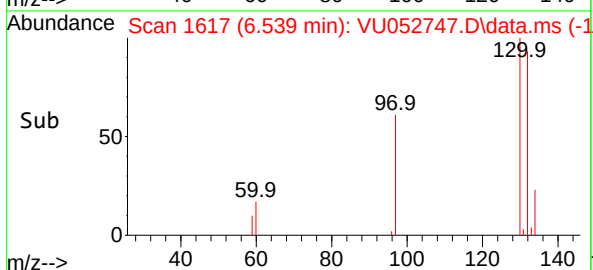
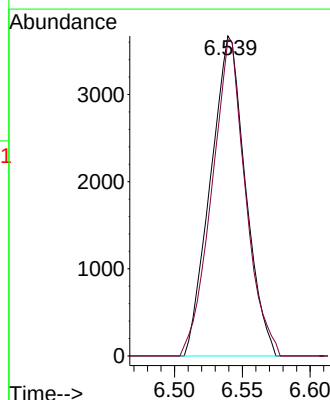
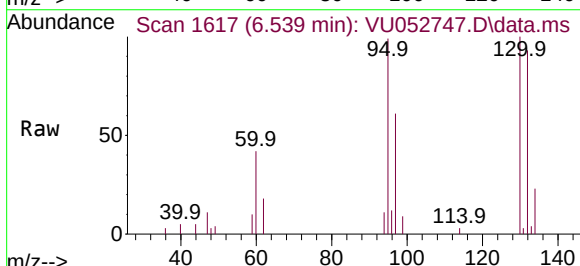
Acq: 19 Jan 2023 19:54

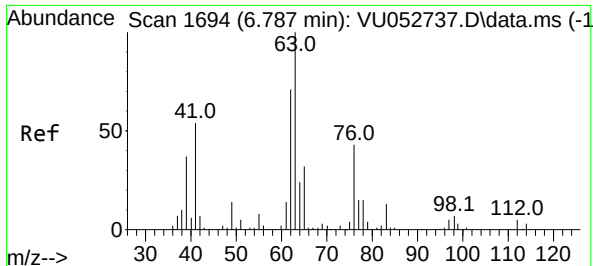
Tgt Ion:130 Resp: 6569

Ion Ratio Lower Upper

130 100

95 98.9 0.0 198.2





#45

1,2-Dichloropropane

Concen: 2.431 ug/l

RT: 6.790 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

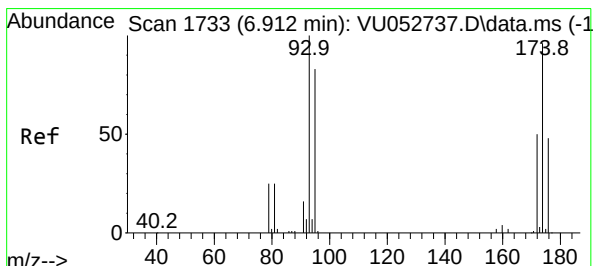
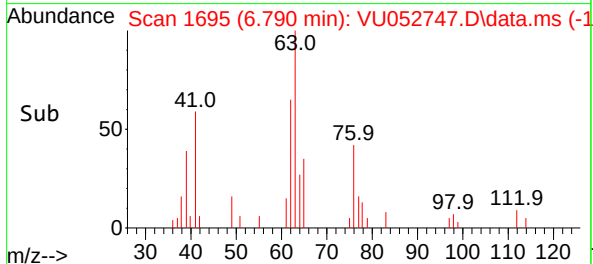
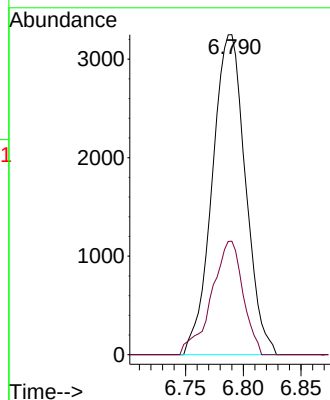
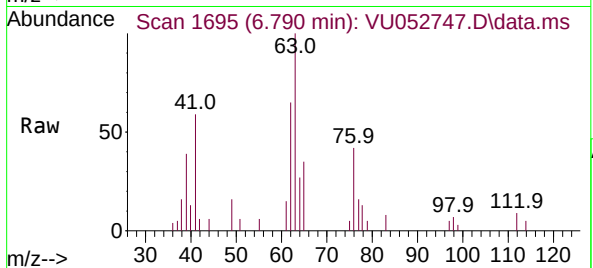
MDL04

Tgt Ion: 63 Resp: 6496

Ion Ratio Lower Upper

63 100

65 35.4 26.0 39.0



#46

Dibromomethane

Concen: 2.335 ug/l

RT: 6.915 min Scan# 1734

Delta R.T. 0.003 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

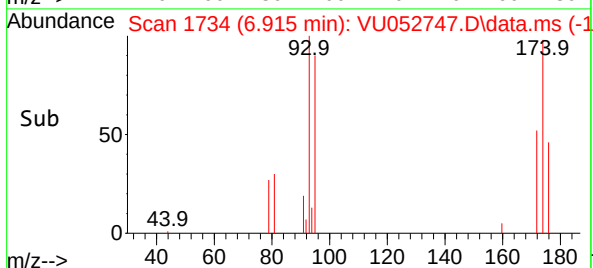
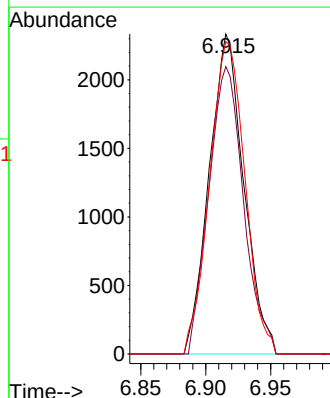
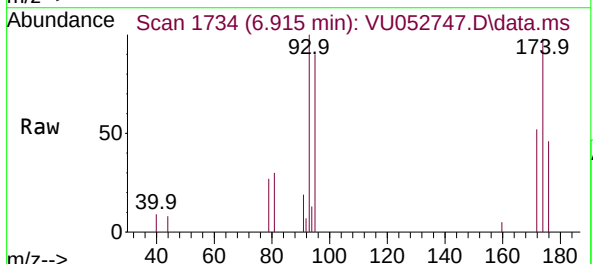
Tgt Ion: 93 Resp: 4321

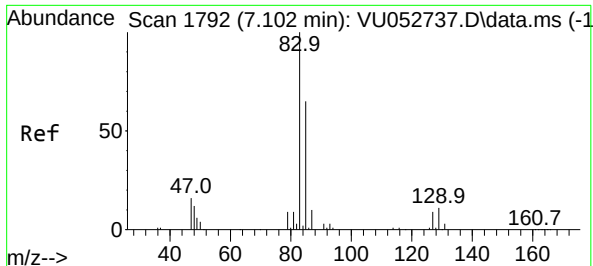
Ion Ratio Lower Upper

93 100

95 90.1 66.6 99.8

174 99.4 78.6 117.8

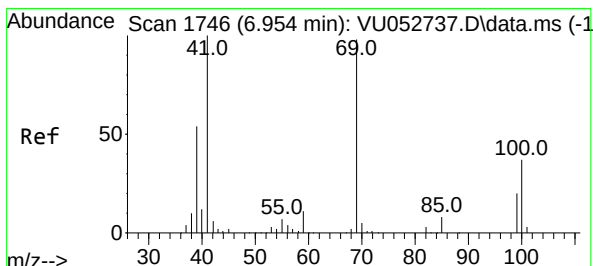
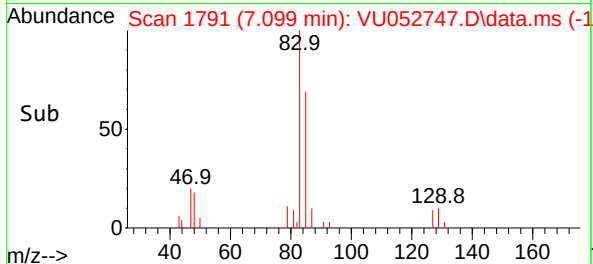
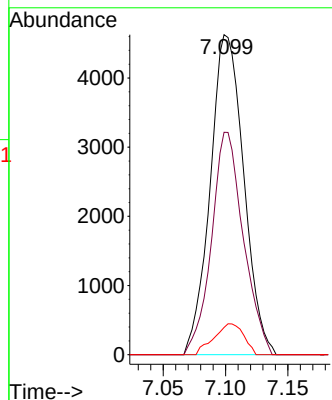
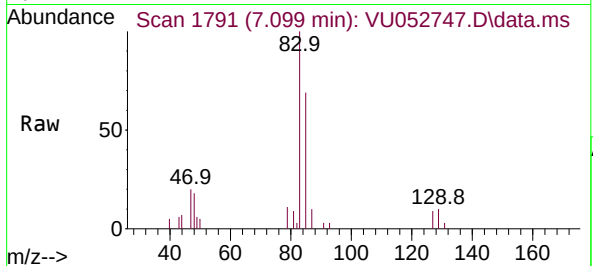




#47  
Bromodichloromethane  
Concen: 2.342 ug/l  
RT: 7.099 min Scan# 1791  
Delta R.T. -0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

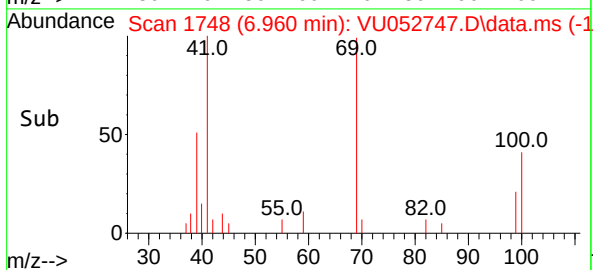
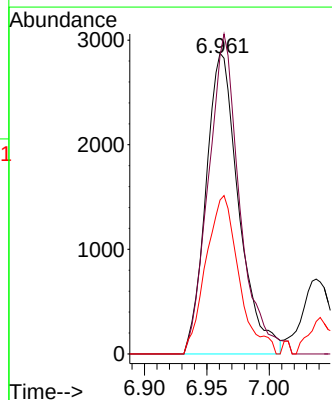
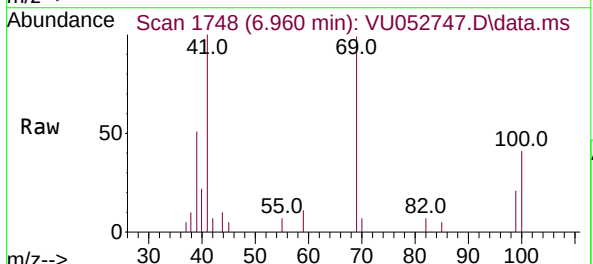
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

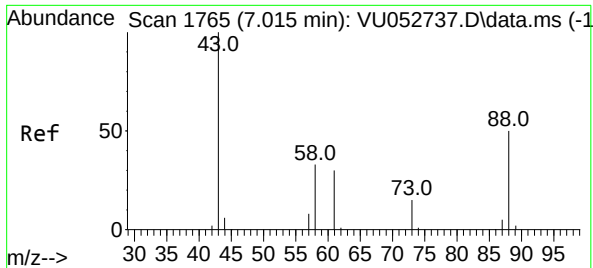
Tgt Ion: 83 Resp: 8674  
Ion Ratio Lower Upper  
83 100  
85 69.5 51.6 77.4  
127 8.5 6.9 10.3



#48  
Methyl methacrylate  
Concen: 2.224 ug/l  
RT: 6.960 min Scan# 1748  
Delta R.T. 0.006 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 41 Resp: 5269  
Ion Ratio Lower Upper  
41 100  
69 101.8 77.2 115.8  
39 52.9 42.9 64.3





#49

1,4-Dioxane

Concen: 28.294 ug/l

RT: 7.028 min Scan# 11

Delta R.T. 0.013 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

MDL04

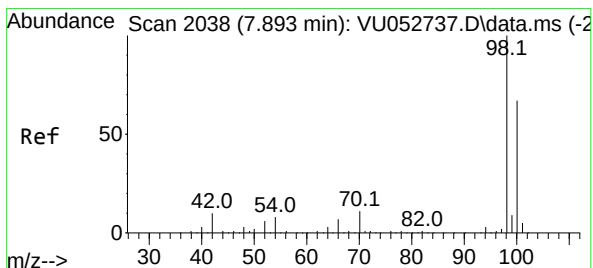
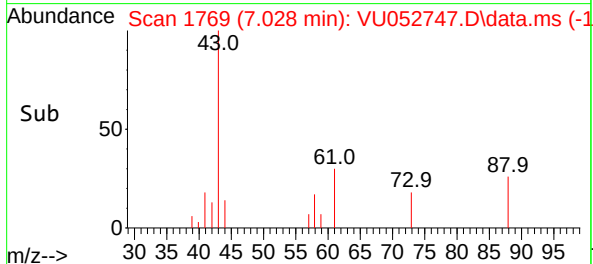
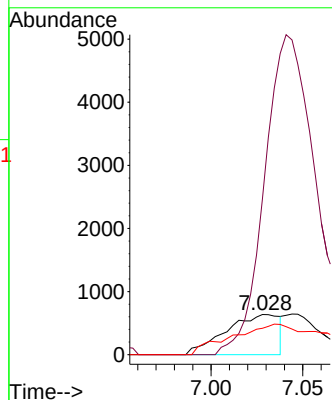
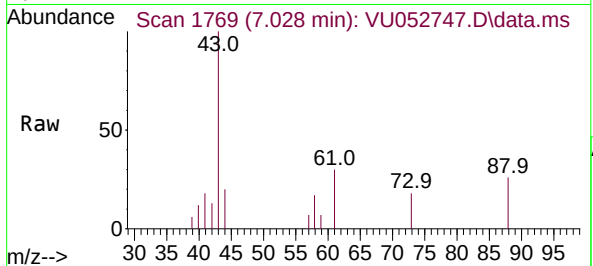
Tgt Ion: 88 Resp: 1299

Ion Ratio Lower Upper

88 100

43 816.8 374.7 562.1#

58 125.9 59.2 88.8#



#50

Toluene-d8

Concen: 48.924 ug/l

RT: 7.893 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VU052747.D

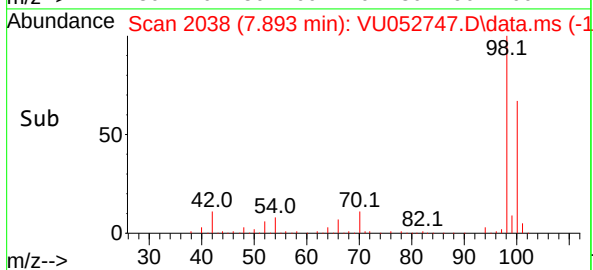
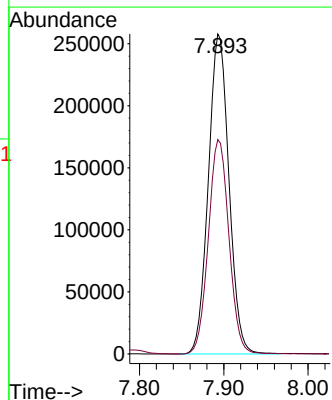
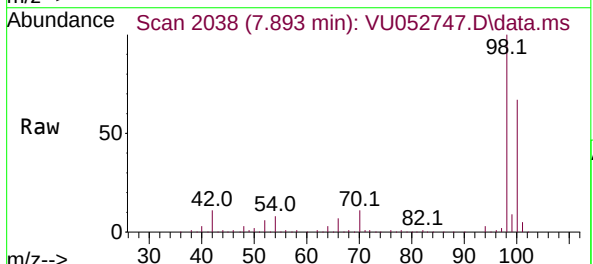
Acq: 19 Jan 2023 19:54

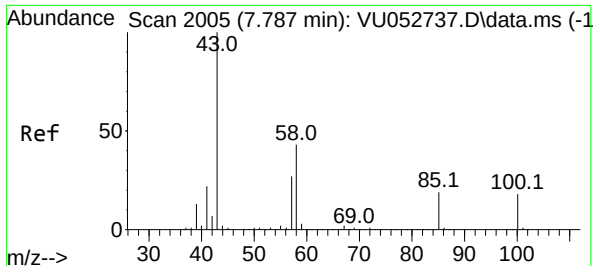
Tgt Ion: 98 Resp: 438816

Ion Ratio Lower Upper

98 100

100 66.8 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 11.522 ug/l

RT: 7.790 min Scan# 2005

Delta R.T. 0.003 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

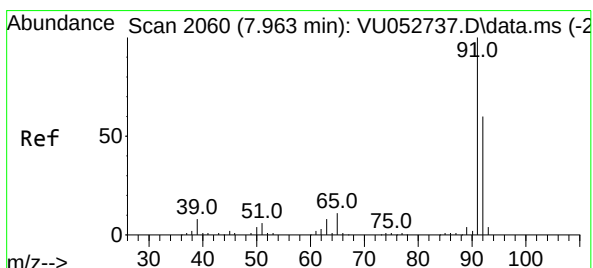
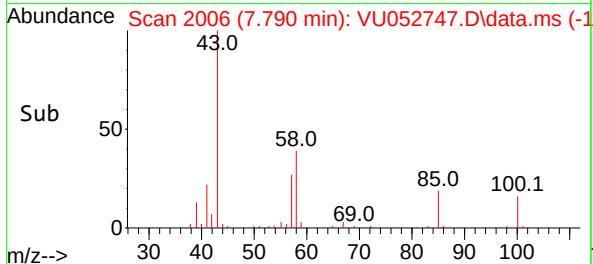
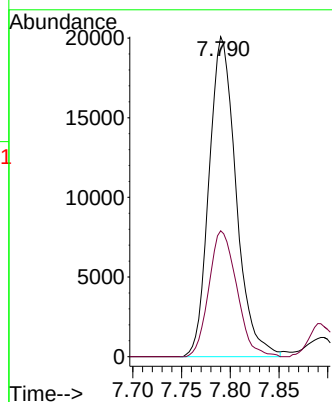
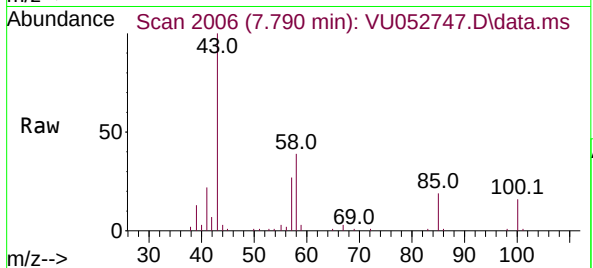
MDL04

Tgt Ion: 43 Resp: 38775

Ion Ratio Lower Upper

43 100

58 40.5 34.6 52.0



#52

Toluene

Concen: 2.572 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU052747.D

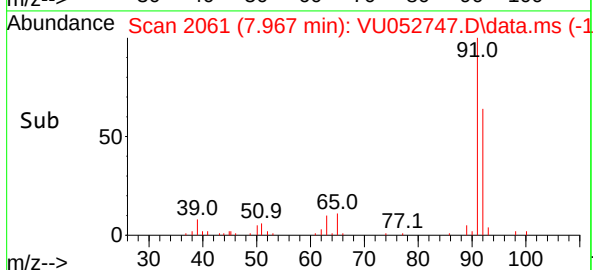
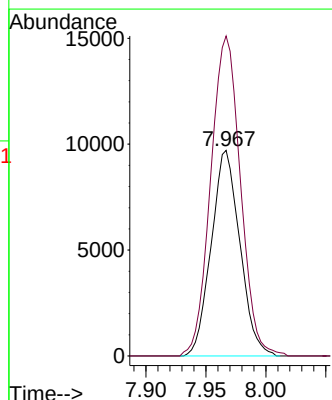
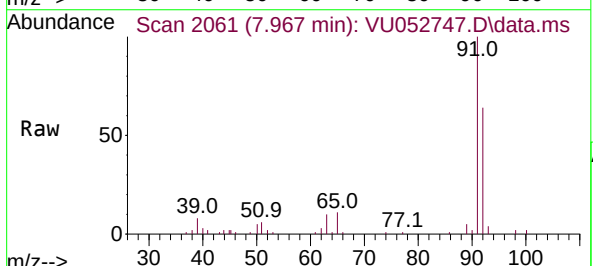
Acq: 19 Jan 2023 19:54

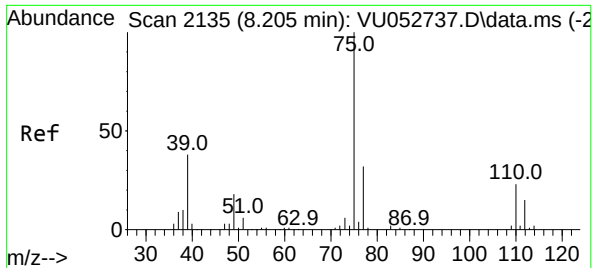
Tgt Ion: 92 Resp: 16121

Ion Ratio Lower Upper

92 100

91 161.5 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 2.257 ug/l

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

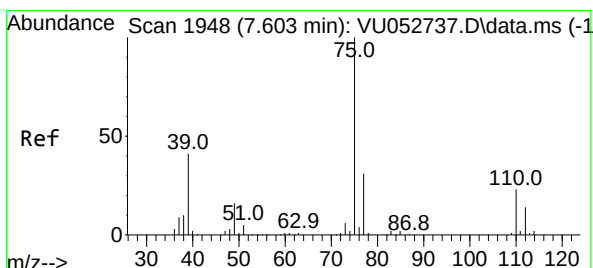
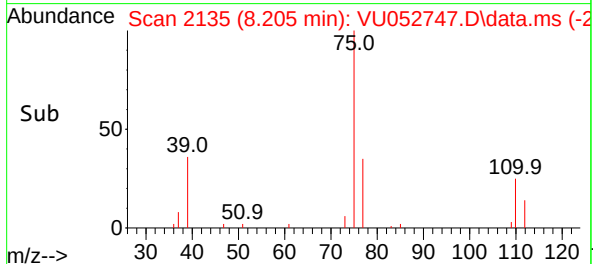
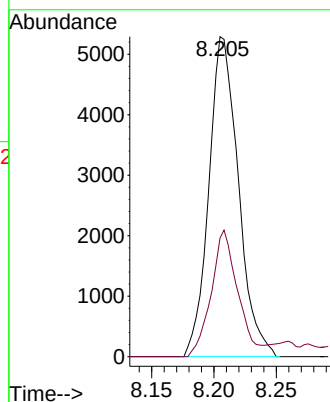
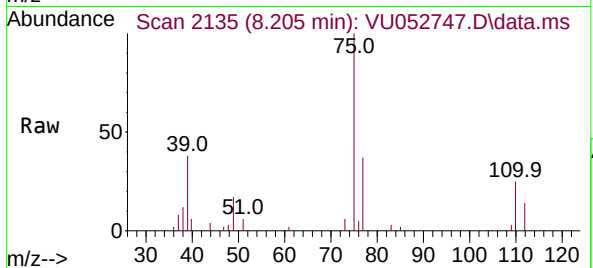
MDL04

Tgt Ion: 75 Resp: 8731

Ion Ratio Lower Upper

75 100

77 37.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 2.369 ug/l

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

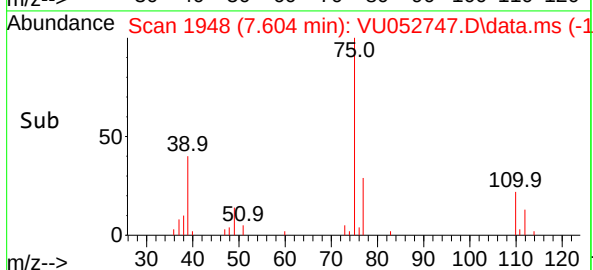
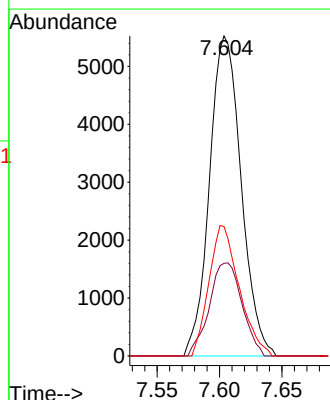
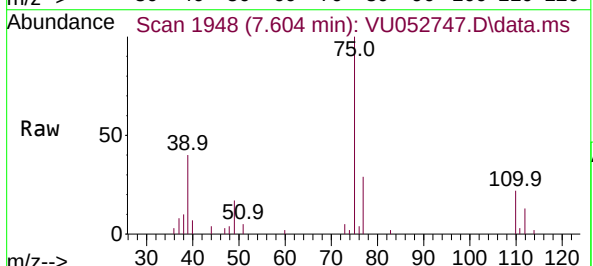
Tgt Ion: 75 Resp: 9776

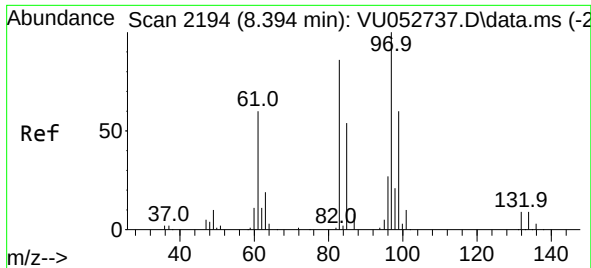
Ion Ratio Lower Upper

75 100

77 29.0 25.0 37.6

39 40.4 32.9 49.3

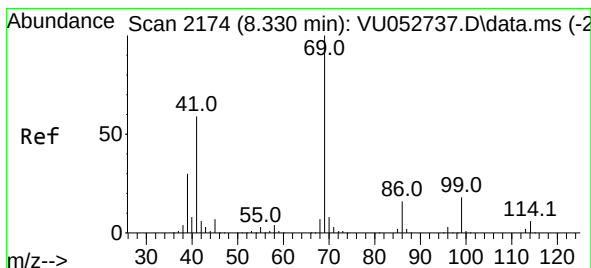
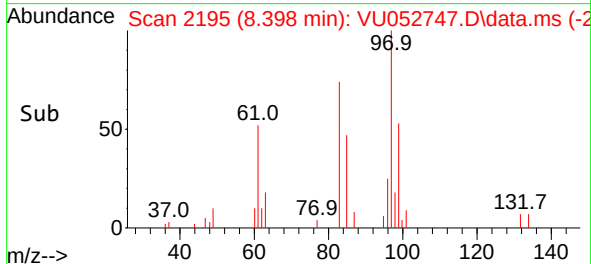
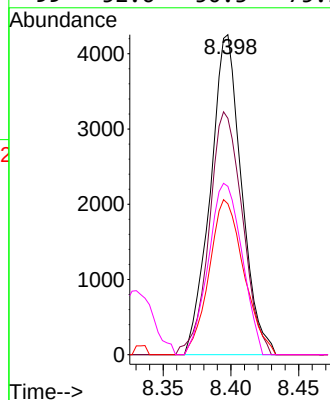
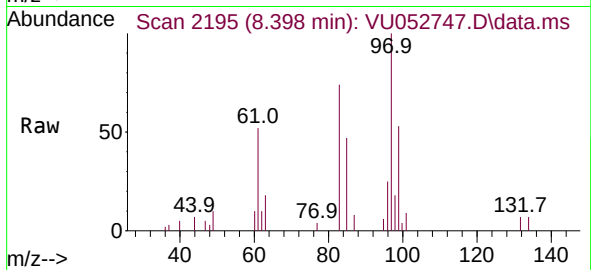




#55  
 1,1,2-Trichloroethane  
 Concen: 2.663 ug/l  
 RT: 8.398 min Scan# 2195  
 Delta R.T. 0.004 min  
 Lab File: VU052747.D  
 Acq: 19 Jan 2023 19:54

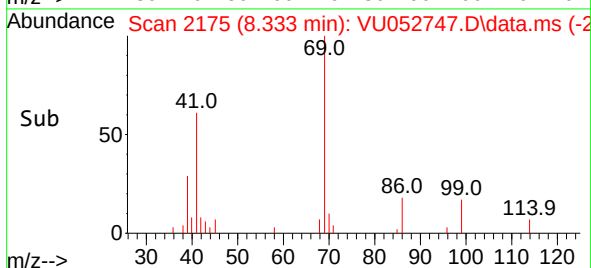
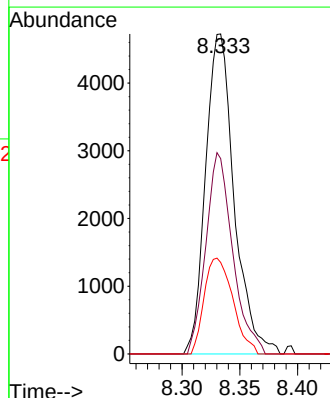
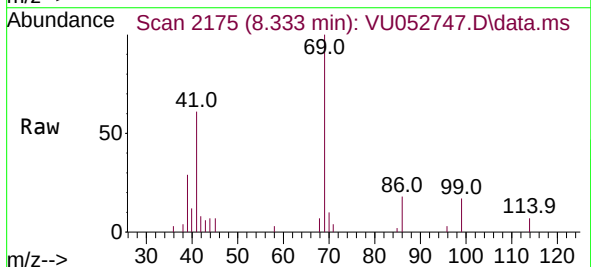
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 6811  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 73.8     | 69.2 103.8  |
| 85 47.1     | 43.8 65.8   |
| 99 52.6     | 50.3 75.5   |

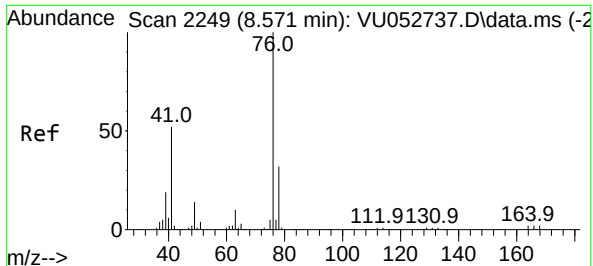


#56  
 Ethyl methacrylate  
 Concen: 2.260 ug/l  
 RT: 8.333 min Scan# 2175  
 Delta R.T. 0.003 min  
 Lab File: VU052747.D  
 Acq: 19 Jan 2023 19:54

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 8141  |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 59.0     | 47.6 71.4   |
| 39 30.0     | 24.3 36.5   |



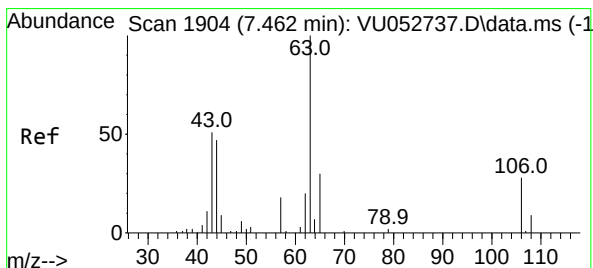
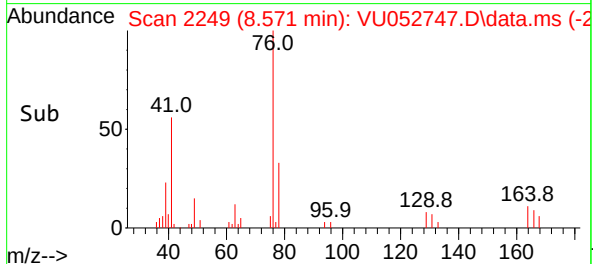
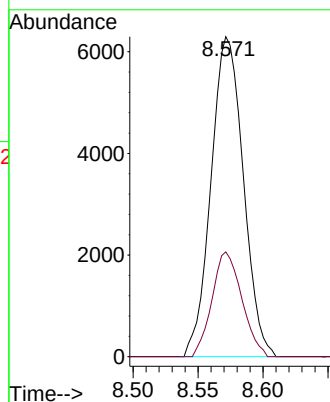
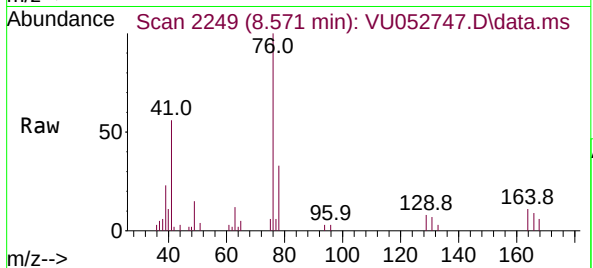




#57  
1,3-Dichloropropane  
Concen: 2.424 ug/l  
RT: 8.571 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

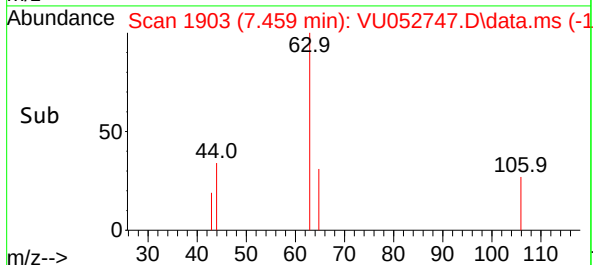
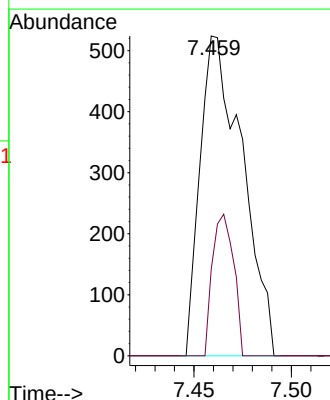
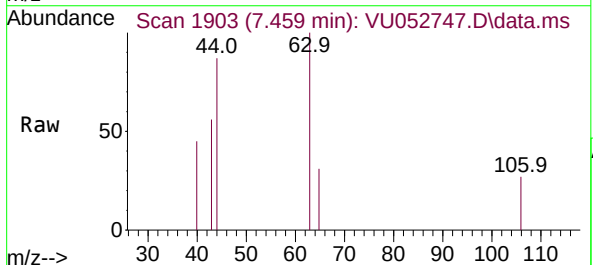
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

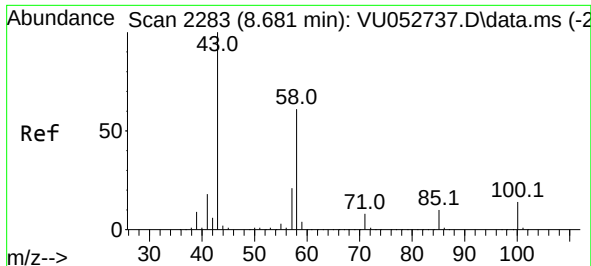
Tgt Ion: 76 Resp: 10875  
Ion Ratio Lower Upper  
76 100  
78 30.2 26.2 39.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 7.214 ug/l  
RT: 7.459 min Scan# 1903  
Delta R.T. -0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 63 Resp: 789  
Ion Ratio Lower Upper  
63 100  
106 22.2 23.2 34.8#

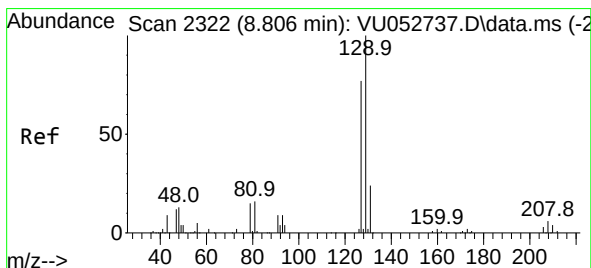
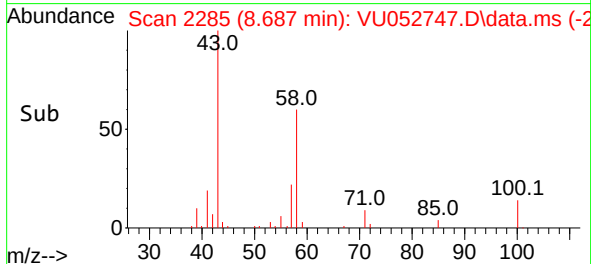
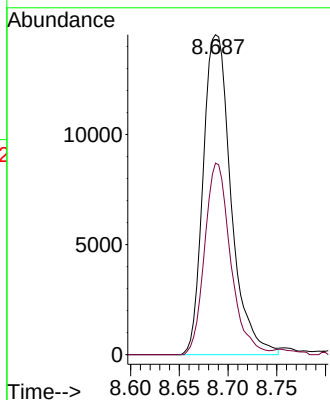
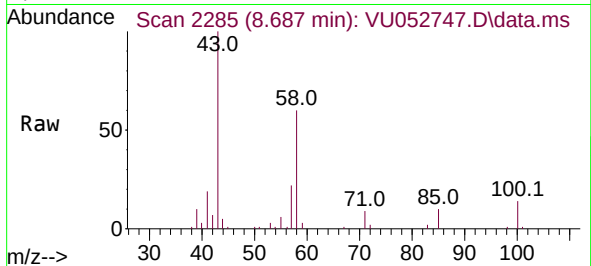




#59  
2-Hexanone  
Concen: 11.151 ug/l  
RT: 8.687 min Scan# 21  
Delta R.T. 0.007 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

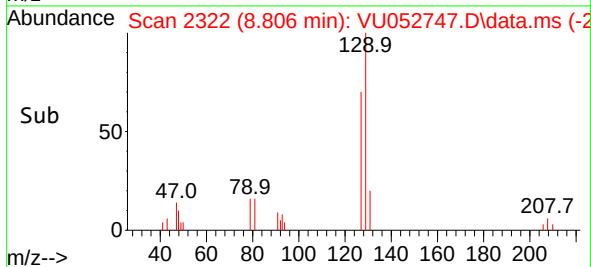
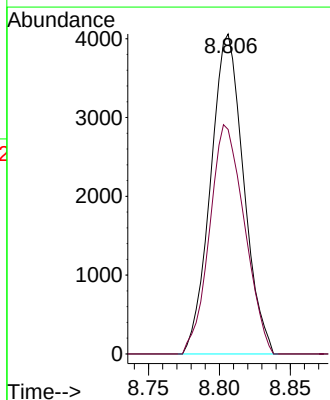
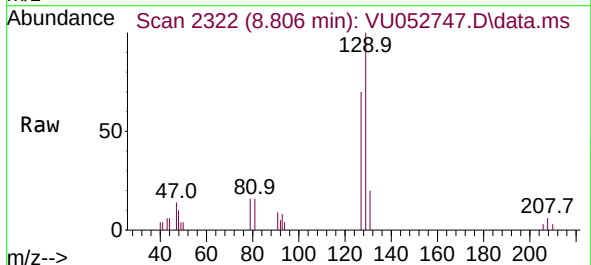
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

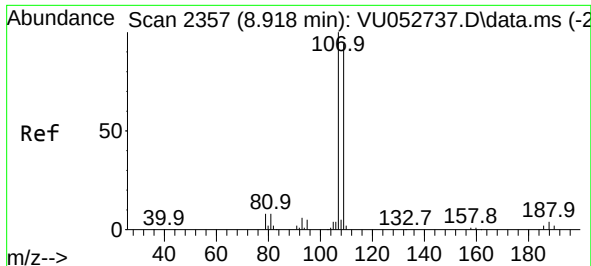
Tgt Ion: 43 Resp: 28909  
Ion Ratio Lower Upper  
43 100  
58 55.8 29.8 89.5



#60  
Dibromochloromethane  
Concen: 2.343 ug/l  
RT: 8.806 min Scan# 2322  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 129 Resp: 6581  
Ion Ratio Lower Upper  
129 100  
127 75.5 39.1 117.2

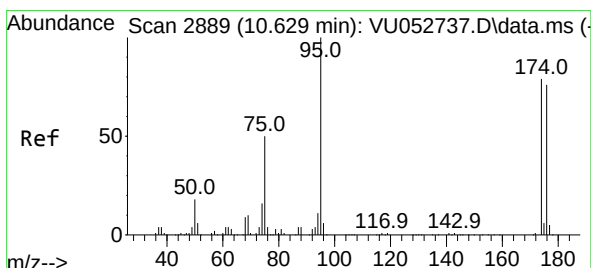
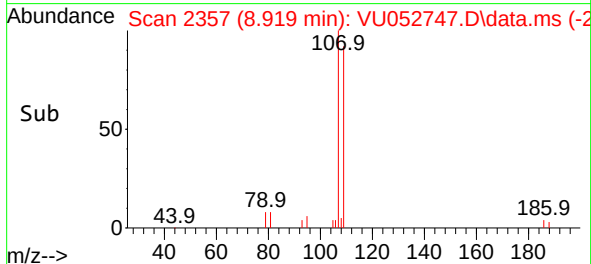
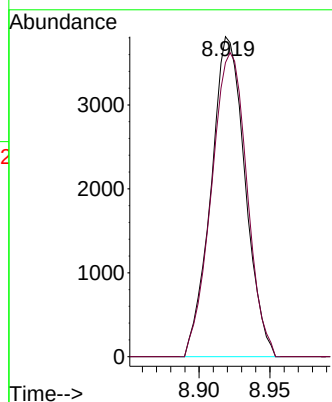
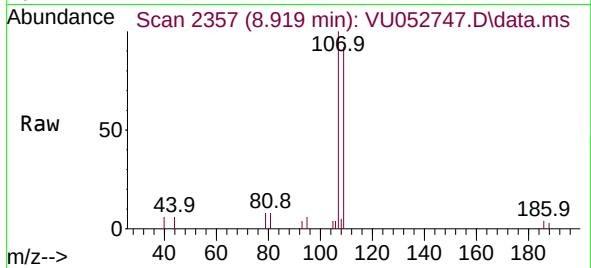




#61  
1,2-Dibromoethane  
Concen: 2.376 ug/l  
RT: 8.919 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

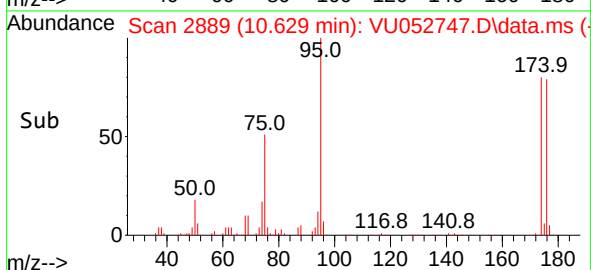
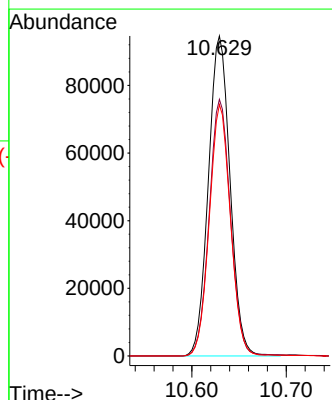
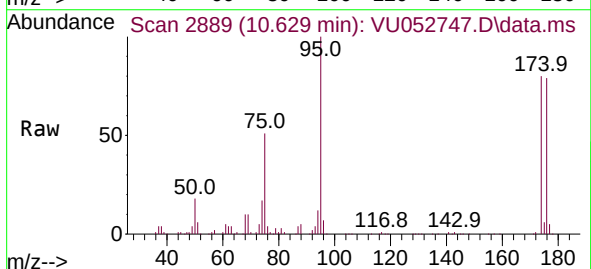
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

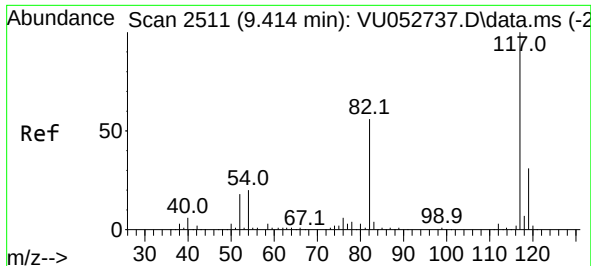
Tgt Ion:107 Resp: 6382  
Ion Ratio Lower Upper  
107 100  
109 99.0 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 46.012 ug/l  
RT: 10.629 min Scan# 2889  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 95 Resp: 150757  
Ion Ratio Lower Upper  
95 100  
174 79.1 0.0 158.6  
176 76.2 0.0 150.6

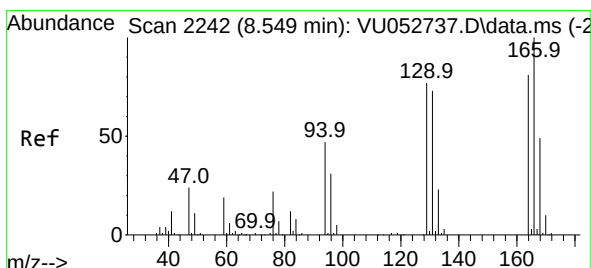
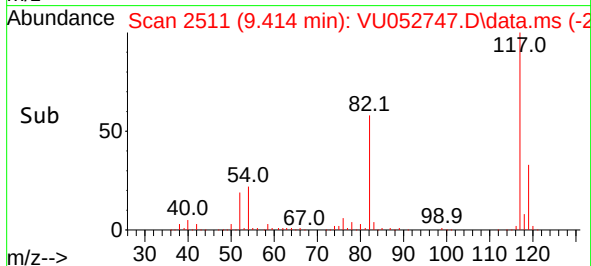
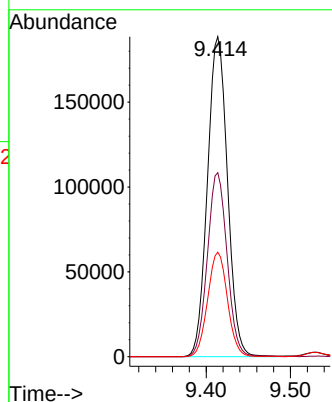
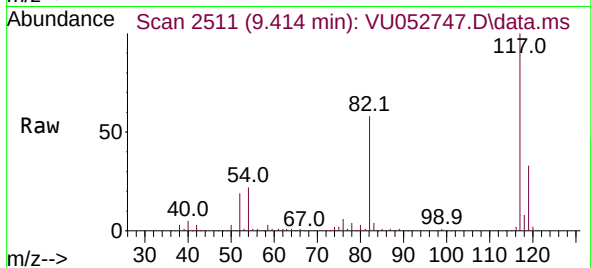




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.414 min Scan# 2511  
Delta R.T. -0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

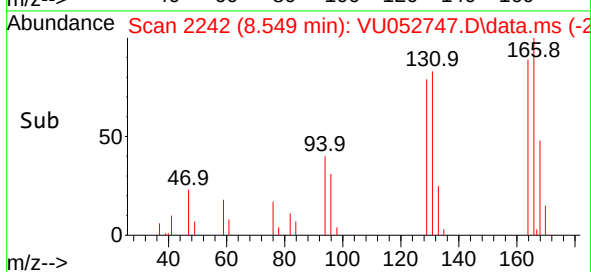
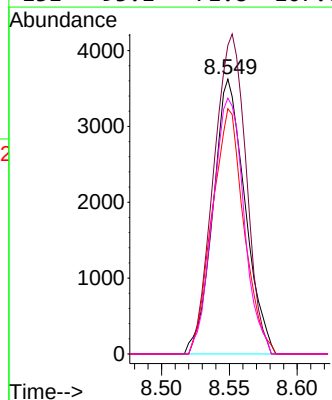
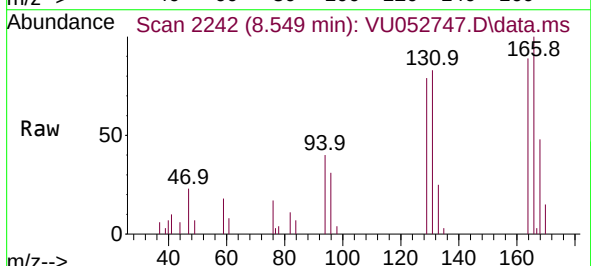
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

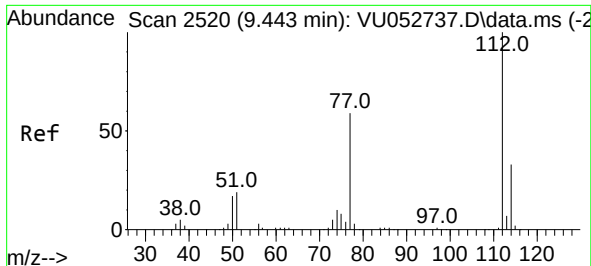
Tgt Ion:117 Resp: 312079  
Ion Ratio Lower Upper  
117 100  
82 57.5 44.7 67.1  
119 32.6 25.0 37.6



#64  
Tetrachloroethene  
Concen: 2.743 ug/l  
RT: 8.549 min Scan# 2242  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion:164 Resp: 5946  
Ion Ratio Lower Upper  
164 100  
166 112.3 98.9 148.3  
129 89.2 76.0 114.0  
131 93.1 71.8 107.6

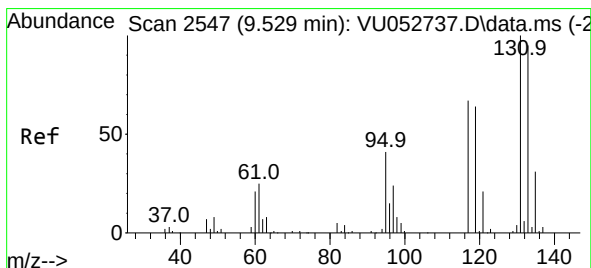
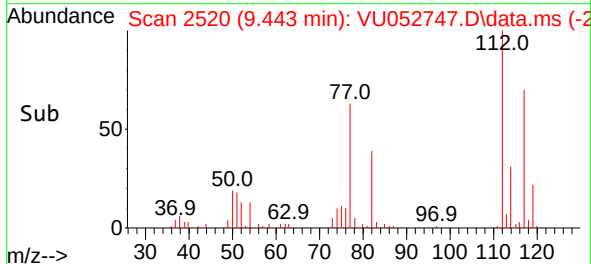
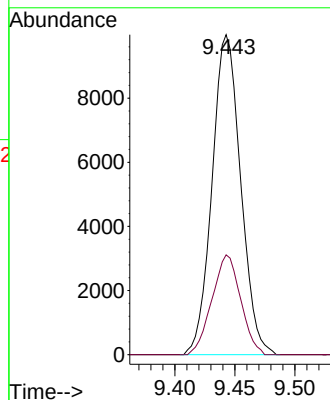
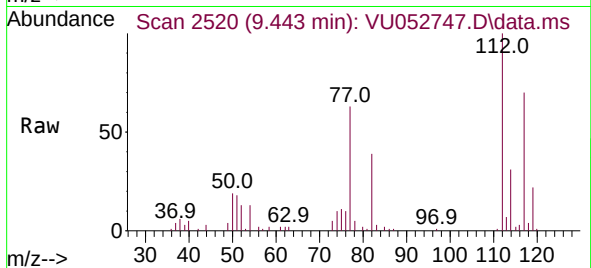




#65  
Chlorobenzene  
Concen: 2.503 ug/l  
RT: 9.443 min Scan# 2520  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

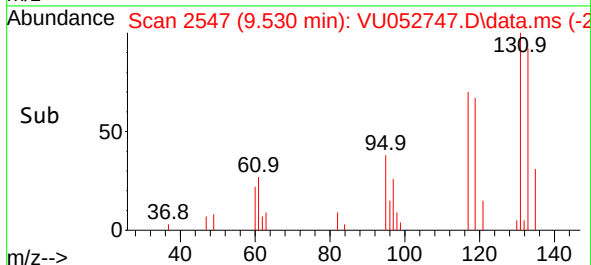
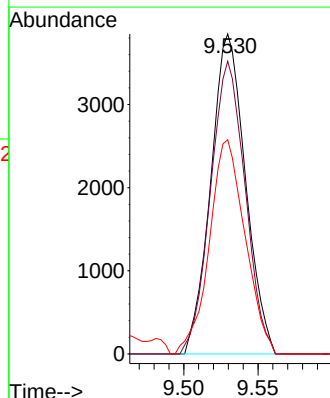
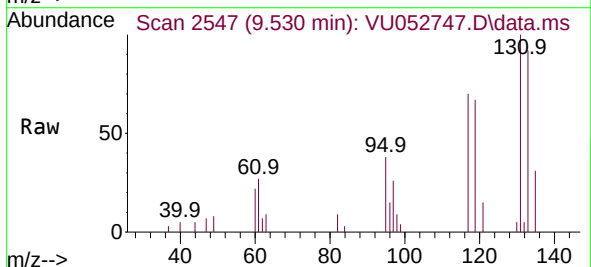
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

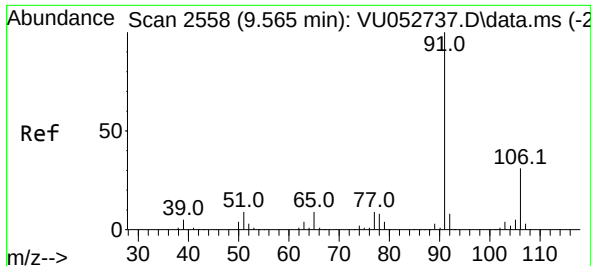
Tgt Ion:112 Resp: 16531  
Ion Ratio Lower Upper  
112 100  
114 31.2 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 2.524 ug/l  
RT: 9.530 min Scan# 2547  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion:131 Resp: 6248  
Ion Ratio Lower Upper  
131 100  
133 91.5 48.4 145.0  
119 69.0 32.1 96.3





#67

Ethyl Benzene

Concen: 2.312 ug/l

RT: 9.568 min Scan# 2558

Delta R.T. 0.003 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

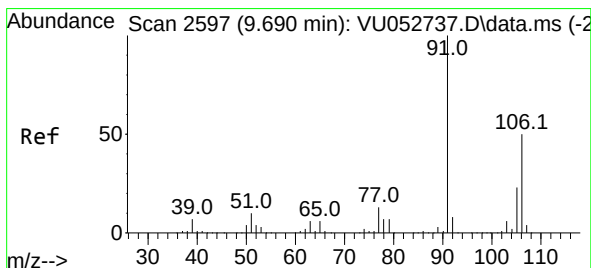
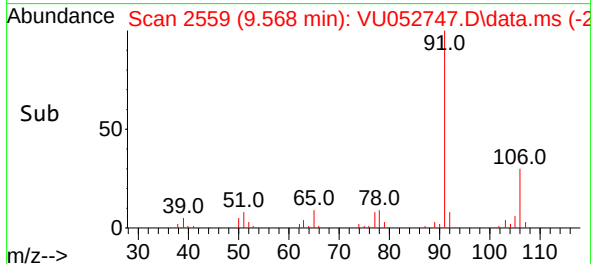
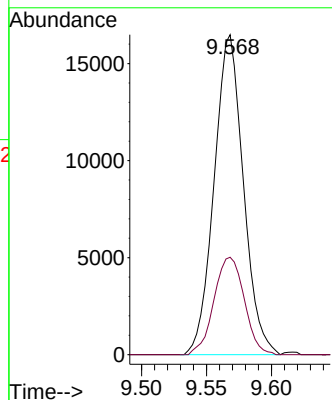
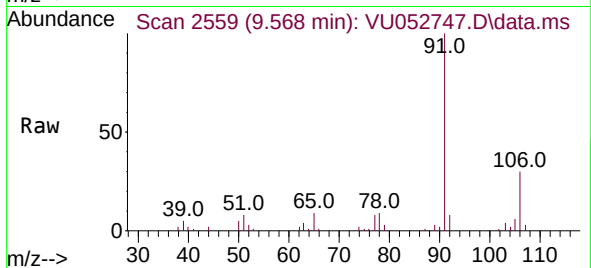
MDL04

Tgt Ion: 91 Resp: 25804

Ion Ratio Lower Upper

91 100

106 30.4 24.6 37.0



#68

m/p-Xylenes

Concen: 4.511 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. 0.000 min

Lab File: VU052747.D

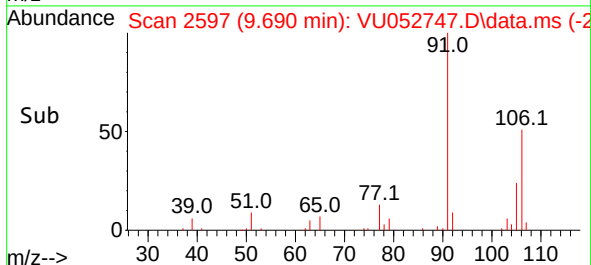
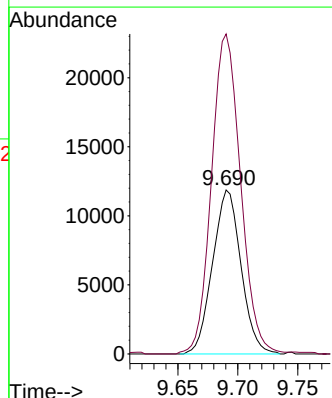
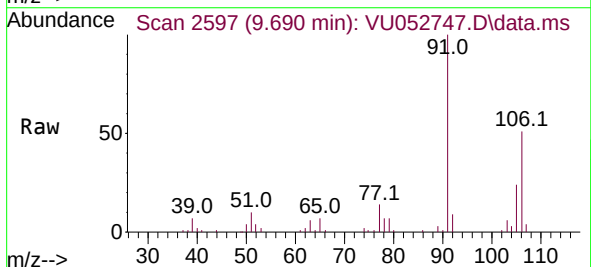
Acq: 19 Jan 2023 19:54

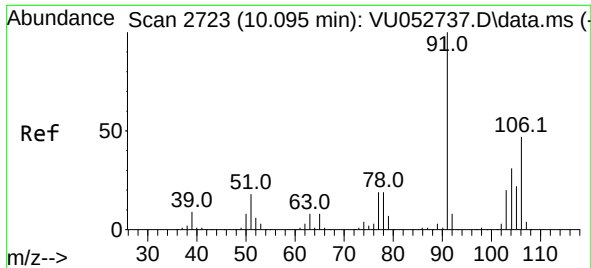
Tgt Ion: 106 Resp: 19551

Ion Ratio Lower Upper

106 100

91 199.7 160.8 241.2

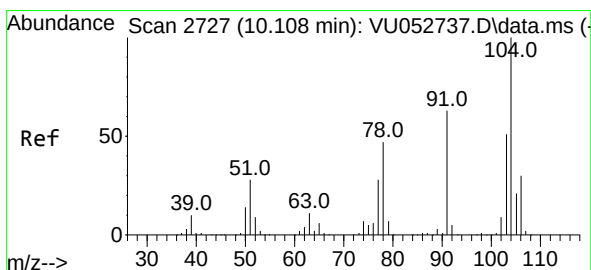
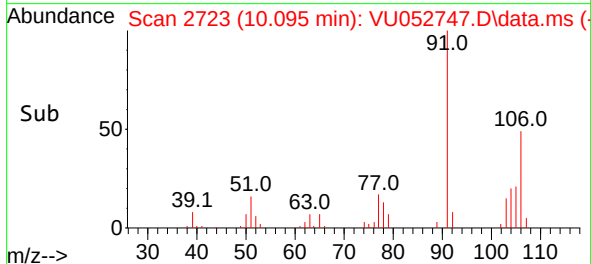
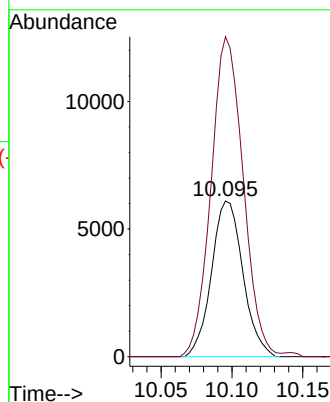
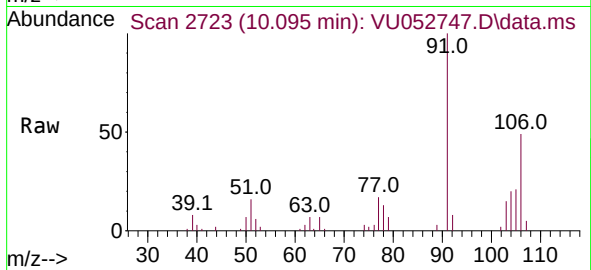




#69  
o-Xylene  
Concen: 2.271 ug/l  
RT: 10.095 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

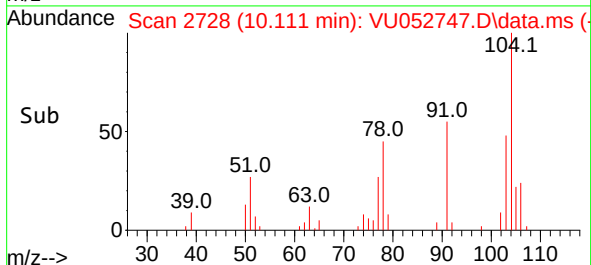
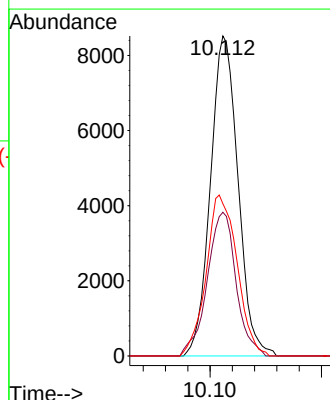
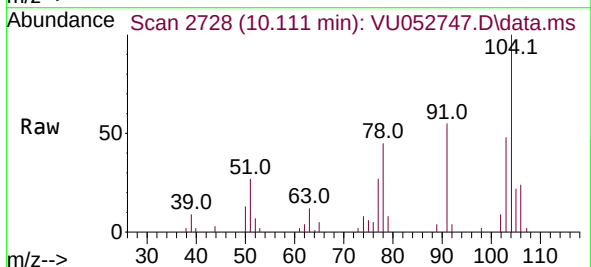
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

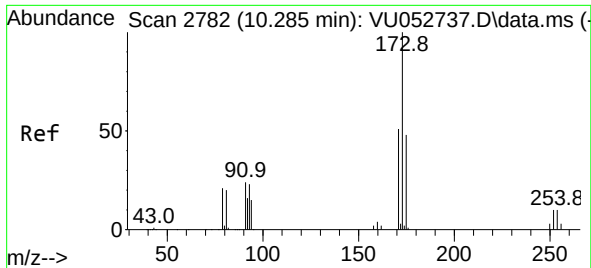
Tgt Ion:106 Resp: 9395  
Ion Ratio Lower Upper  
106 100  
91 210.3 107.9 323.7



#70  
Styrene  
Concen: 2.158 ug/l  
RT: 10.111 min Scan# 2728  
Delta R.T. 0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion:104 Resp: 14648  
Ion Ratio Lower Upper  
104 100  
78 46.9 39.9 59.9  
103 56.3 43.4 65.2

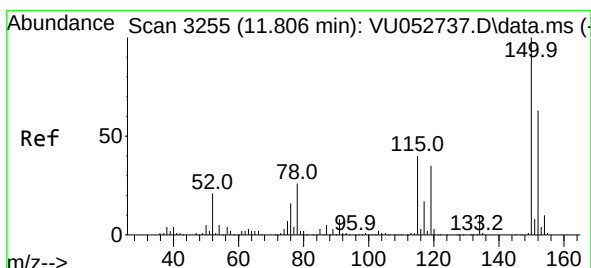
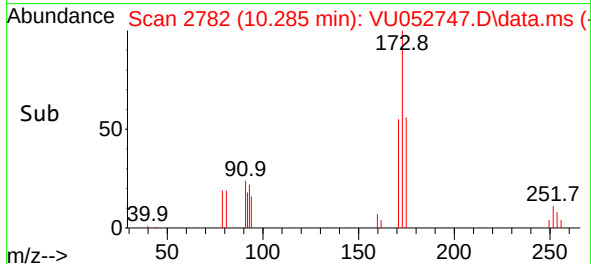
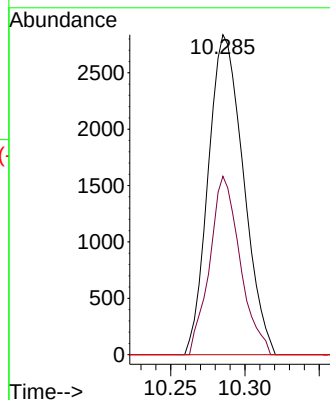
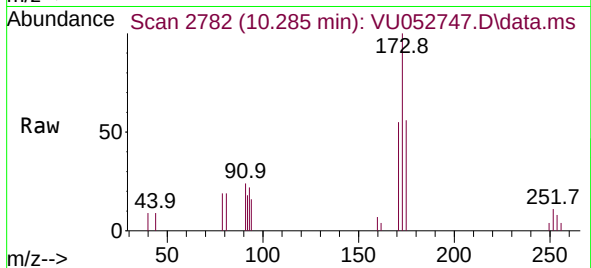




#71  
Bromoform  
Concen: 2.257 ug/l  
RT: 10.285 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

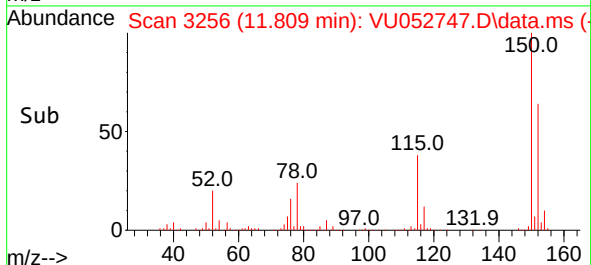
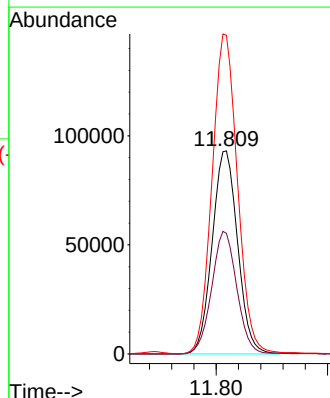
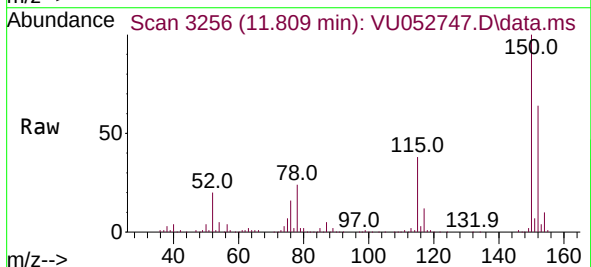
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

Tgt Ion:173 Resp: 4666  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.1 72.2  
254 0.0 0.0 0.0

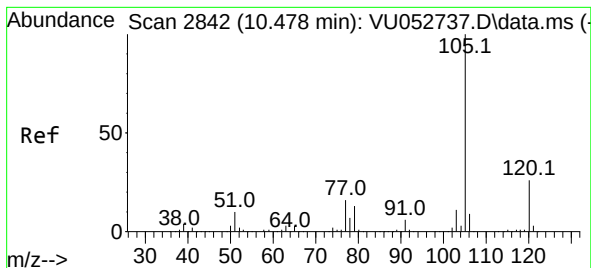


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.809 min Scan# 3256  
Delta R.T. 0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion:152 Resp: 147595  
Ion Ratio Lower Upper  
152 100  
115 60.0 41.7 125.1  
150 157.3 0.0 349.2







#73

Isopropylbenzene

Concen: 2.436 ug/l

RT: 10.481 min Scan# 2842

Delta R.T. 0.003 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

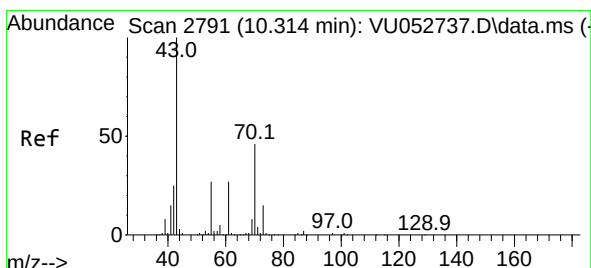
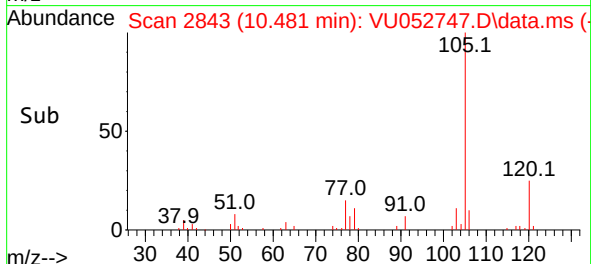
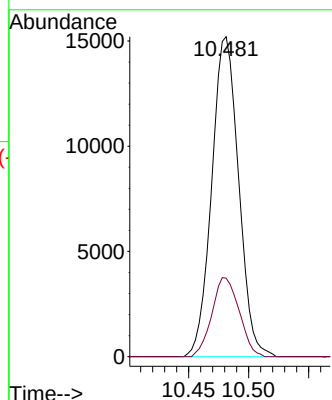
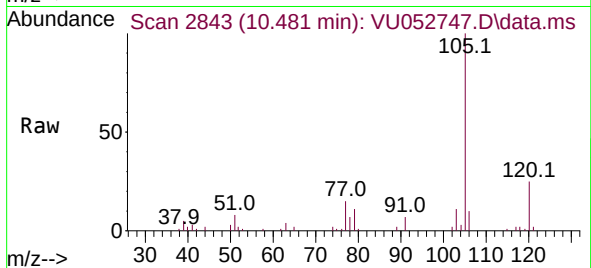
MDL04

Tgt Ion:105 Resp: 23691

Ion Ratio Lower Upper

105 100

120 25.0 13.2 39.5



#74

N-ethyl acetate

Concen: 2.247 ug/l

RT: 10.317 min Scan# 2792

Delta R.T. 0.003 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Tgt Ion: 43 Resp: 8324

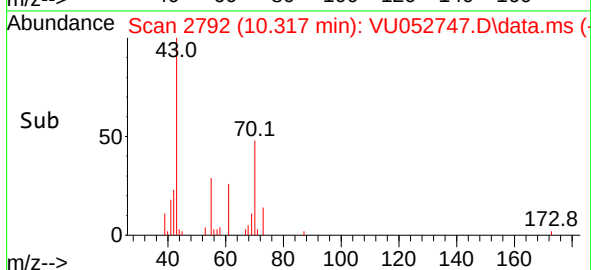
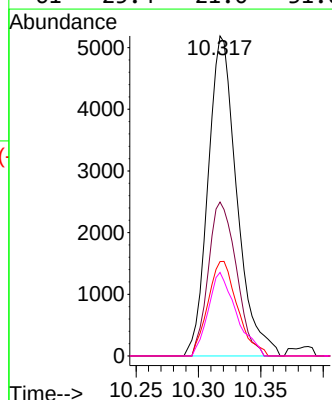
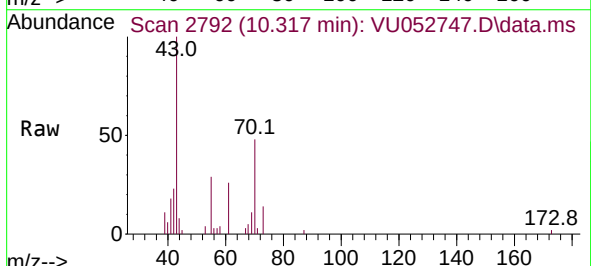
Ion Ratio Lower Upper

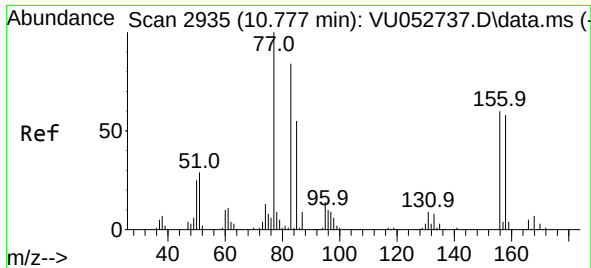
43 100

70 46.8 37.9 56.9

55 30.2 21.9 32.9

61 25.4 21.0 31.6

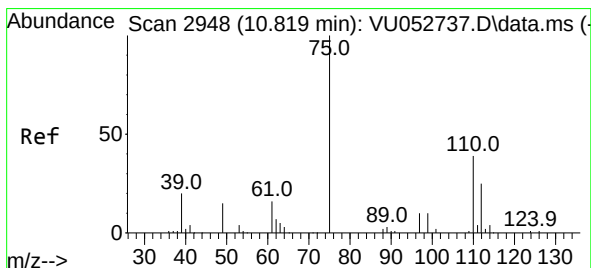
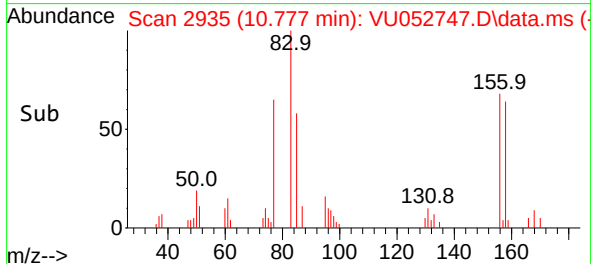
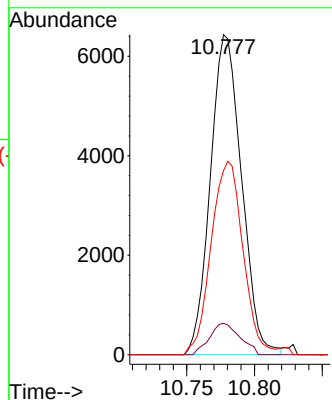
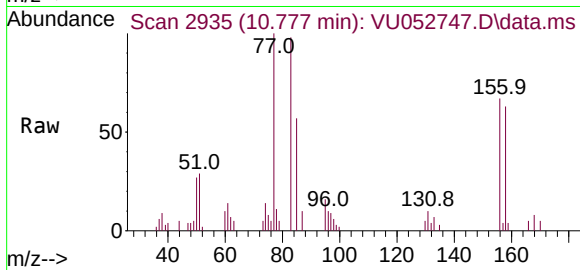




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 2.674 ug/l  
 RT: 10.777 min Scan# 2935  
 Delta R.T. 0.000 min  
 Lab File: VU052747.D  
 Acq: 19 Jan 2023 19:54

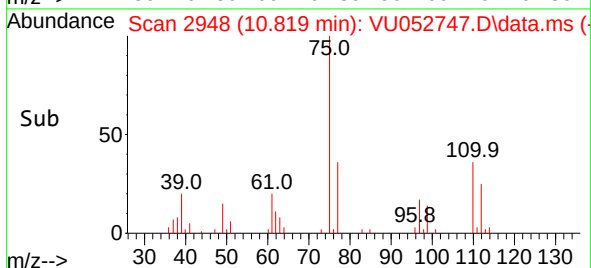
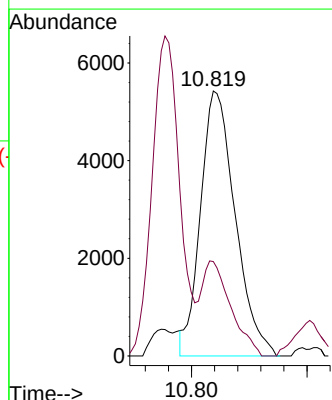
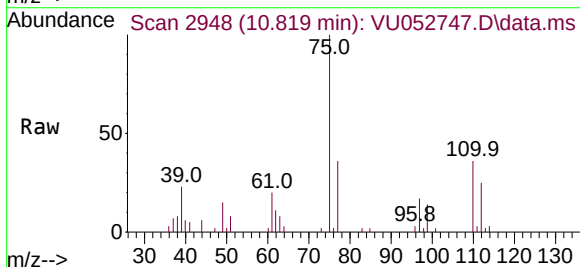
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

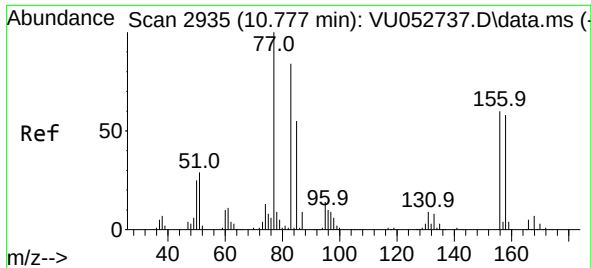
Tgt Ion: 83 Resp: 10303  
 Ion Ratio Lower Upper  
 83 100  
 131 9.6 5.0 14.9  
 85 61.5 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 2.809 ug/l  
 RT: 10.819 min Scan# 2948  
 Delta R.T. 0.000 min  
 Lab File: VU052747.D  
 Acq: 19 Jan 2023 19:54

Tgt Ion: 75 Resp: 11315  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 15.0 45.1

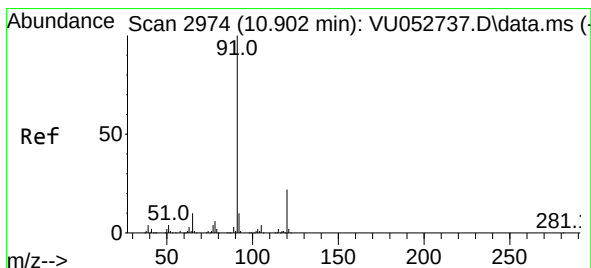
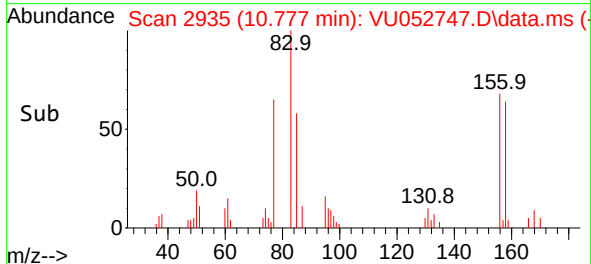
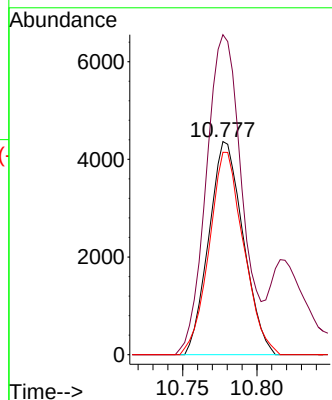
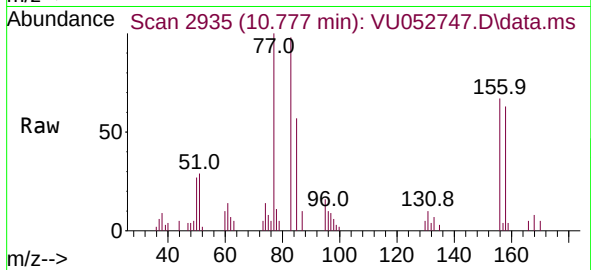




#77  
Bromobenzene  
Concen: 2.796 ug/l  
RT: 10.777 min Scan# 2935  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

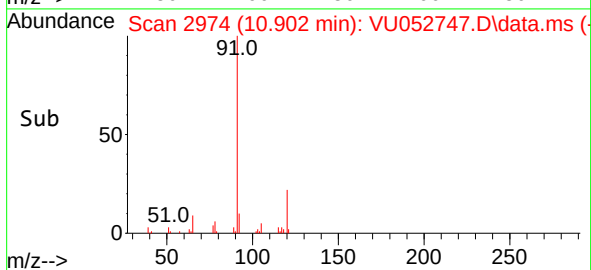
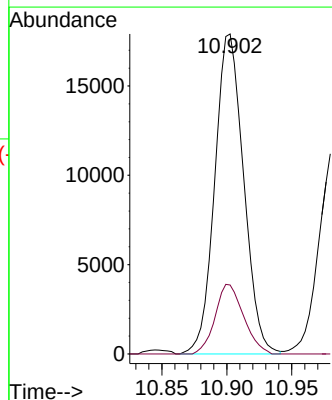
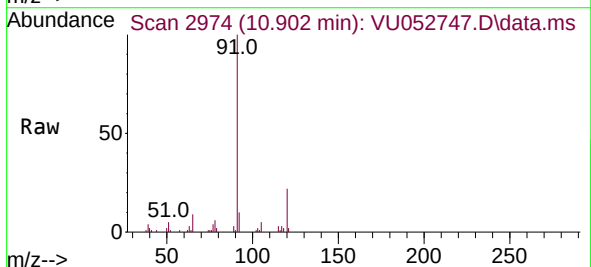
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

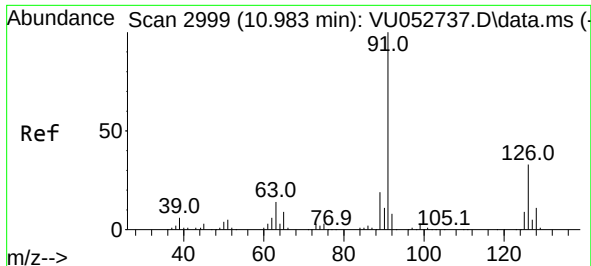
Tgt Ion:156 Resp: 7031  
Ion Ratio Lower Upper  
156 100  
77 154.4 83.8 251.4  
158 95.1 48.7 146.1



#78  
n-propylbenzene  
Concen: 2.419 ug/l  
RT: 10.902 min Scan# 2974  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 91 Resp: 27661  
Ion Ratio Lower Upper  
91 100  
120 21.5 11.3 33.8

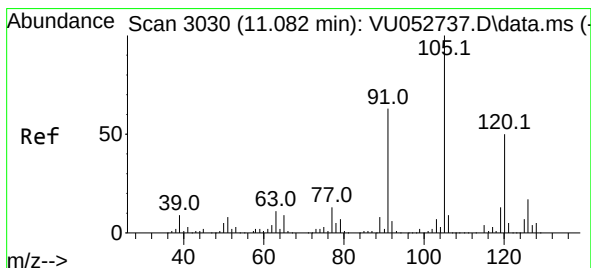
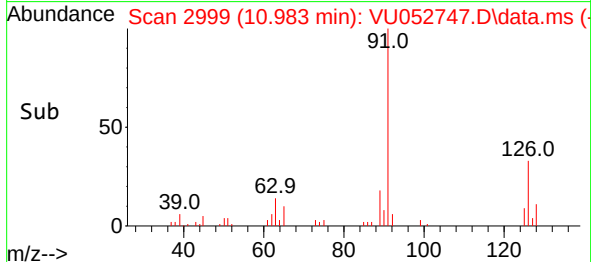
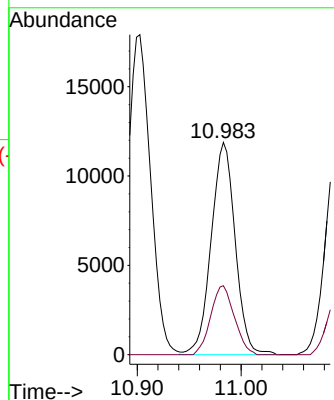
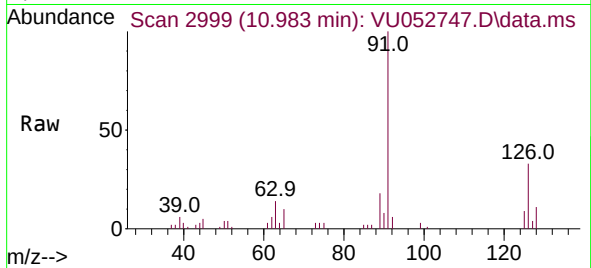




#79  
2-Chlorotoluene  
Concen: 2.699 ug/l  
RT: 10.983 min Scan# 2999  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

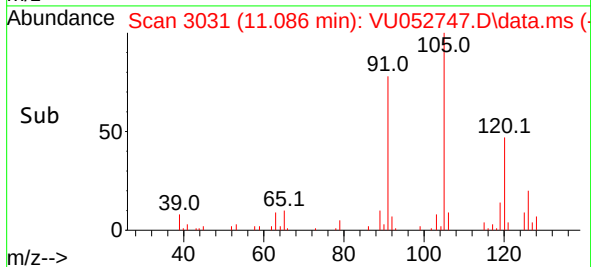
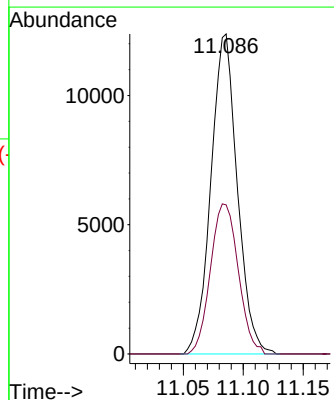
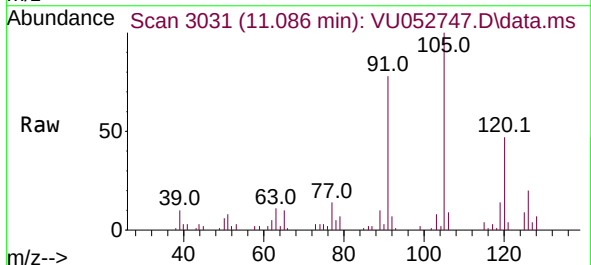
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

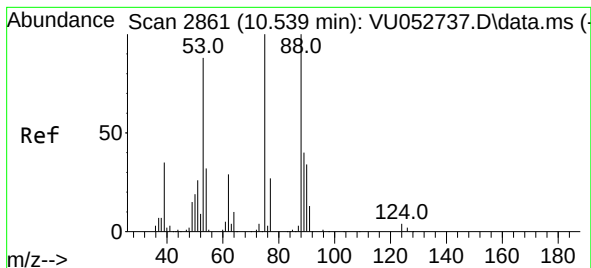
Tgt Ion: 91 Resp: 19073  
Ion Ratio Lower Upper  
91 100  
126 31.9 16.7 50.0



#80  
1,3,5-Trimethylbenzene  
Concen: 2.345 ug/l  
RT: 11.086 min Scan# 3031  
Delta R.T. 0.003 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 105 Resp: 18940  
Ion Ratio Lower Upper  
105 100  
120 49.5 25.1 75.2

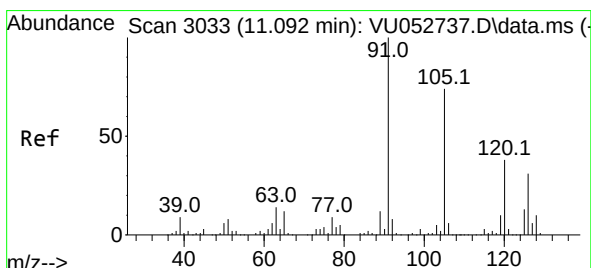
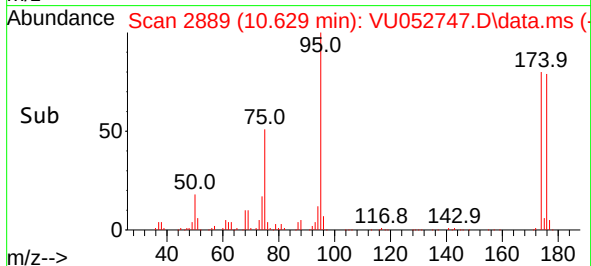
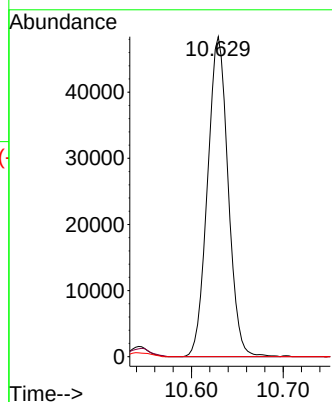
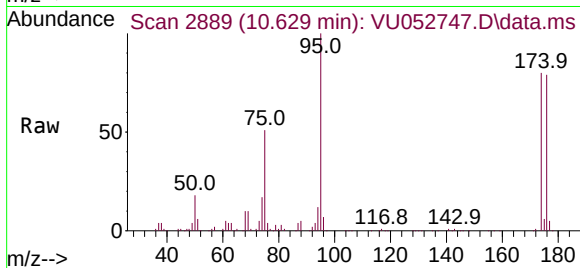




#81  
trans-1,4-Dichloro-2-butene  
Concen: 72.941 ug/l  
RT: 10.629 min Scan# 2889  
Delta R.T. 0.090 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

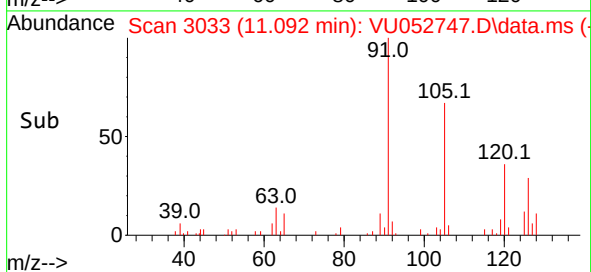
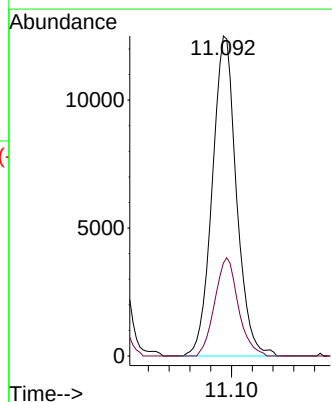
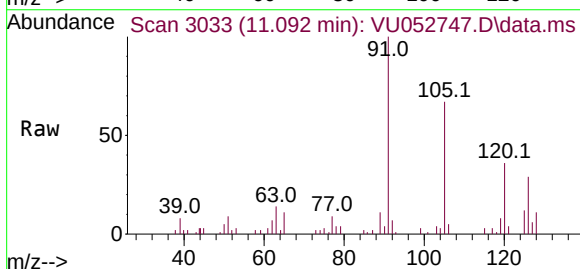
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

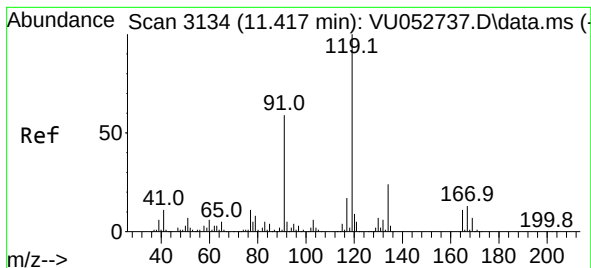
Tgt Ion: 75 Resp: 75605  
Ion Ratio Lower Upper  
75 100  
53 0.0 72.4 108.6#  
89 0.0 35.0 52.4#



#82  
4-Chlorotoluene  
Concen: 2.507 ug/l  
RT: 11.092 min Scan# 3033  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

Tgt Ion: 91 Resp: 20190  
Ion Ratio Lower Upper  
91 100  
126 29.8 14.9 44.7





#83

tert-Butylbenzene

Concen: 2.321 ug/l

RT: 11.417 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

MDL04

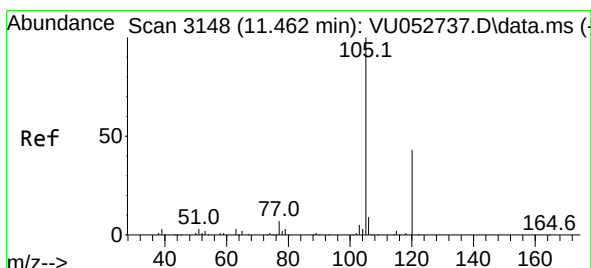
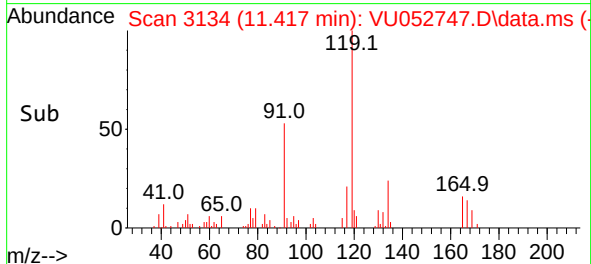
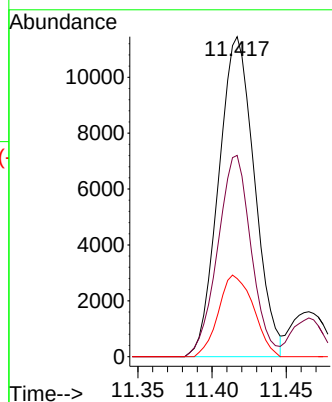
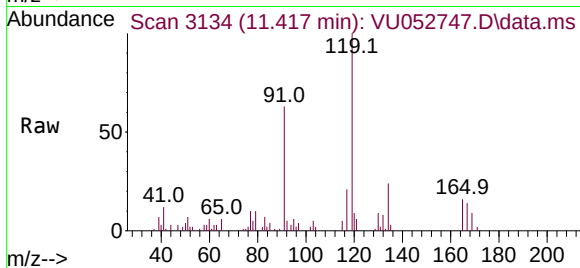
Tgt Ion:119 Resp: 19239

Ion Ratio Lower Upper

119 100

91 59.0 28.4 85.2

134 24.8 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 2.253 ug/l

RT: 11.462 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU052747.D

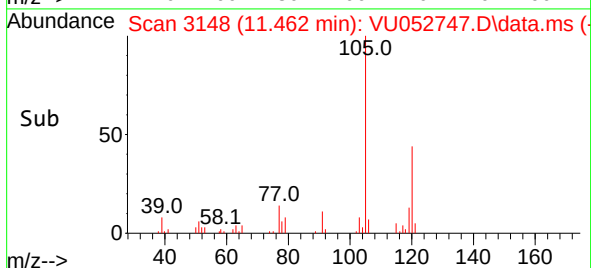
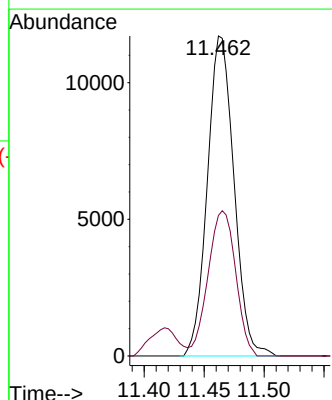
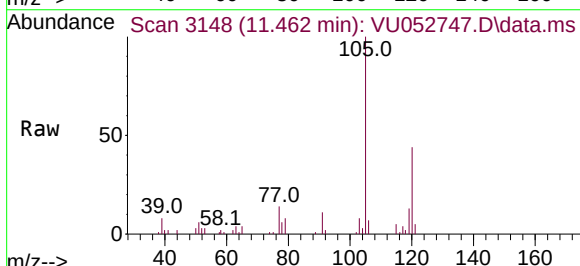
Acq: 19 Jan 2023 19:54

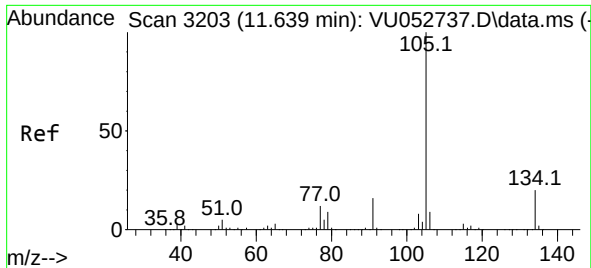
Tgt Ion:105 Resp: 18062

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.5

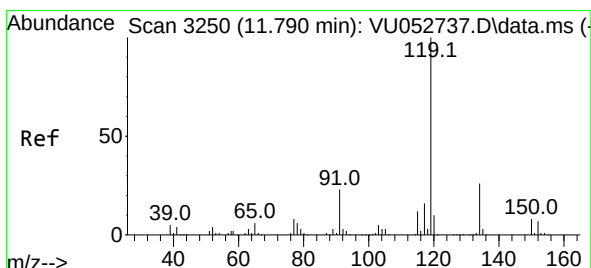
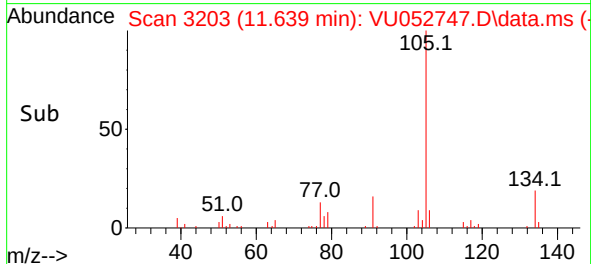
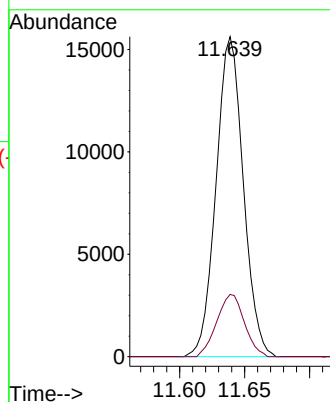
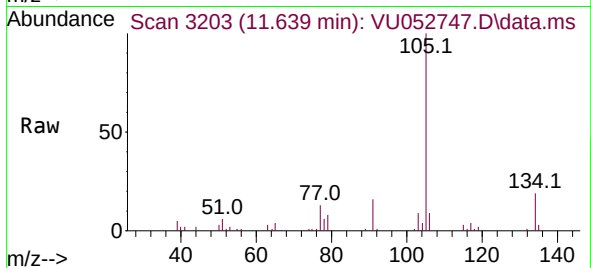




#85  
 sec-Butylbenzene  
 Concen: 2.240 ug/l  
 RT: 11.639 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VU052747.D  
 Acq: 19 Jan 2023 19:54

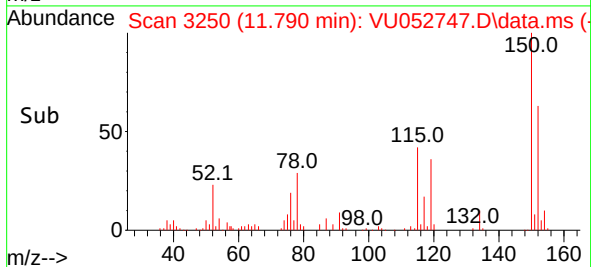
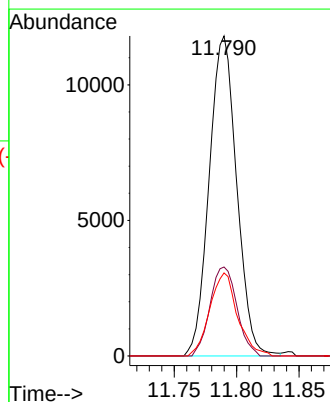
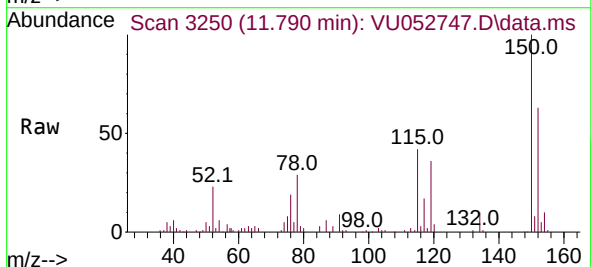
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

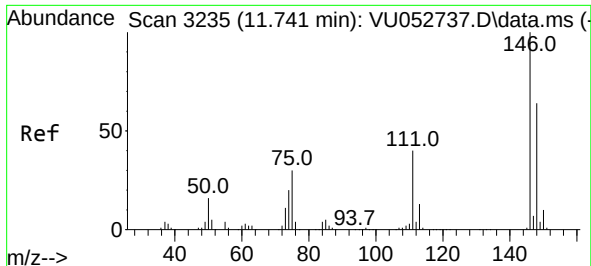
Tgt Ion:105 Resp: 22737  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.1 30.3



#86  
 p-Isopropyltoluene  
 Concen: 2.099 ug/l  
 RT: 11.790 min Scan# 3250  
 Delta R.T. -0.000 min  
 Lab File: VU052747.D  
 Acq: 19 Jan 2023 19:54

Tgt Ion:119 Resp: 18114  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 13.1 39.1  
 91 26.1 11.5 34.5

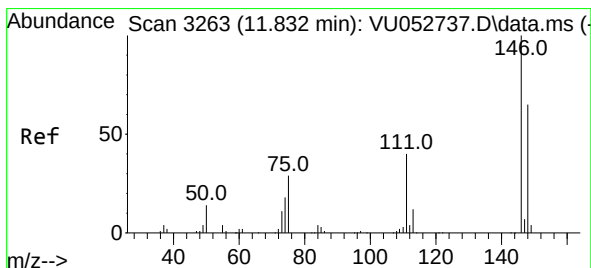
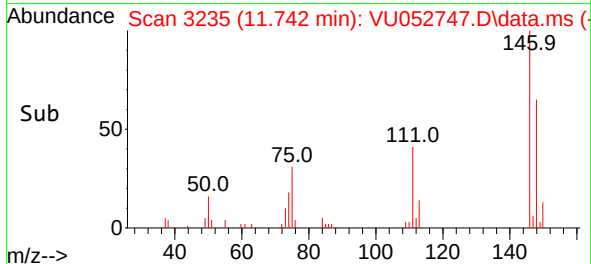
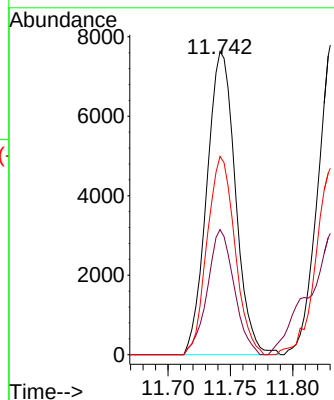
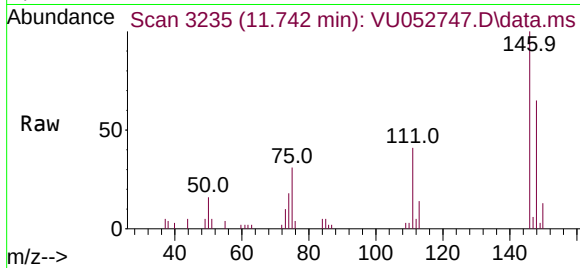




#87  
 1,3-Dichlorobenzene  
 Concen: 2.546 ug/l  
 RT: 11.742 min Scan# 31  
 Delta R.T. 0.001 min  
 Lab File: VU052747.D  
 Acq: 19 Jan 2023 19:54

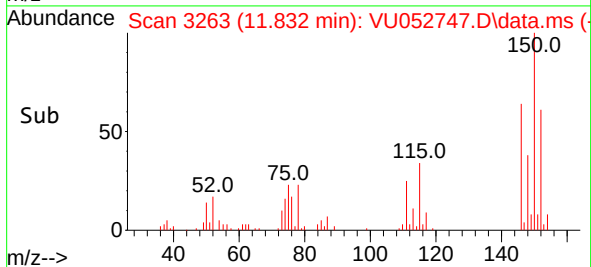
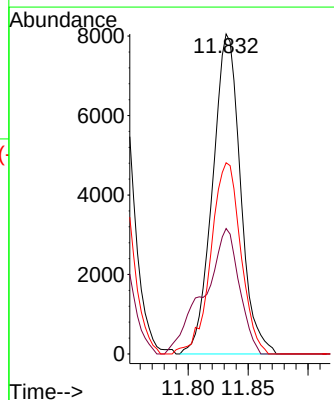
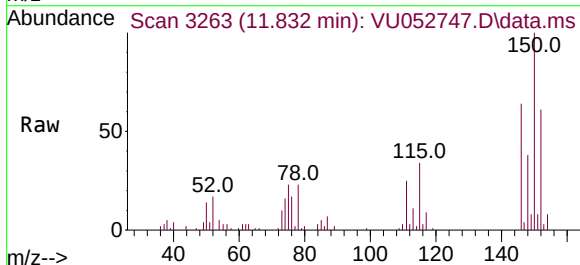
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL04

Tgt Ion:146 Resp: 12204  
 Ion Ratio Lower Upper  
 146 100  
 111 38.5 20.1 60.2  
 148 63.4 31.6 94.7

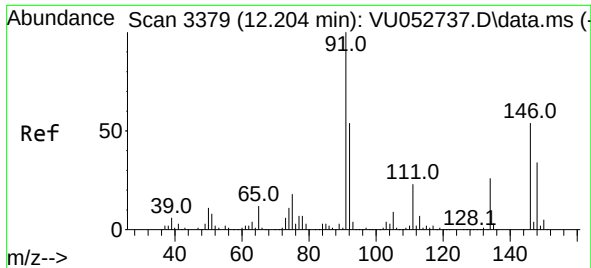


#88  
 1,4-Dichlorobenzene  
 Concen: 2.638 ug/l  
 RT: 11.832 min Scan# 3263  
 Delta R.T. 0.000 min  
 Lab File: VU052747.D  
 Acq: 19 Jan 2023 19:54

Tgt Ion:146 Resp: 13004  
 Ion Ratio Lower Upper  
 146 100  
 111 49.5 20.3 61.0  
 148 64.1 32.3 96.8



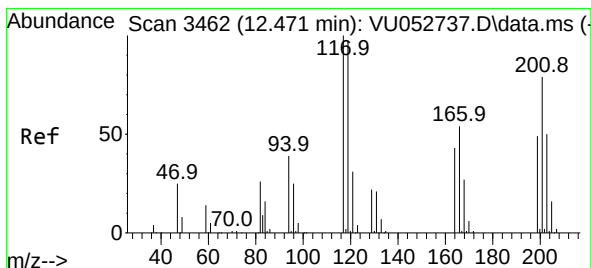
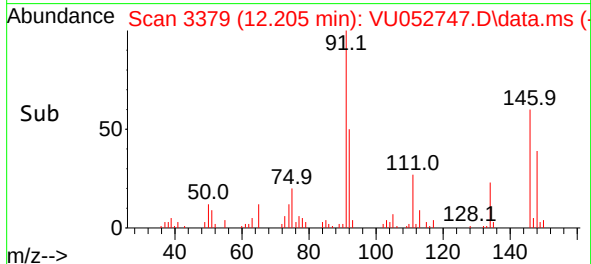
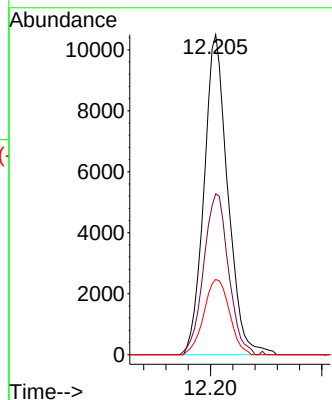
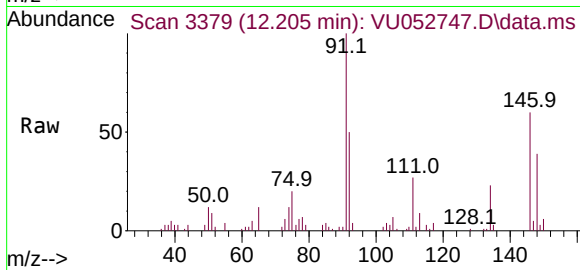




#89  
n-Butylbenzene  
Concen: 2.097 ug/l  
RT: 12.205 min Scan# 3379  
Delta R.T. 0.001 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

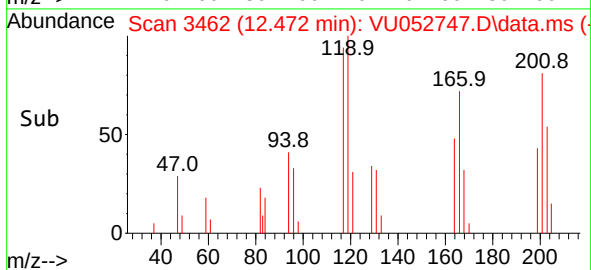
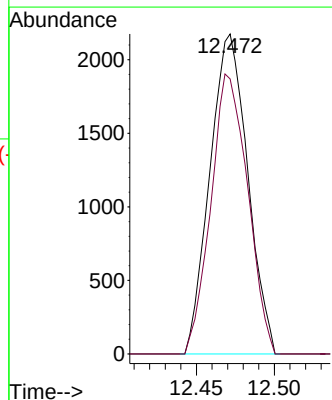
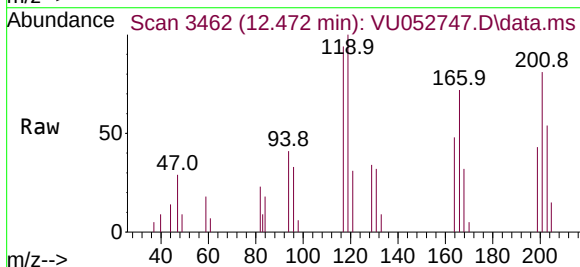
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL04

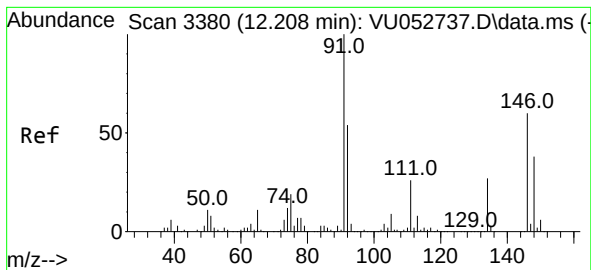
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 91 | Resp: | 15524       |
| Ion         | Ratio | Lower Upper |
| 91          | 100   |             |
| 92          | 52.7  | 26.8 80.3   |
| 134         | 25.3  | 13.1 39.3   |



#90  
Hexachloroethane  
Concen: 2.212 ug/l  
RT: 12.472 min Scan# 3462  
Delta R.T. 0.000 min  
Lab File: VU052747.D  
Acq: 19 Jan 2023 19:54

|              |       |             |
|--------------|-------|-------------|
| Tgt Ion: 117 | Resp: | 3663        |
| Ion          | Ratio | Lower Upper |
| 117          | 100   |             |
| 201          | 85.2  | 39.3 117.9  |





#91

1,2-Dichlorobenzene

Concen: 2.475 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

MDL04

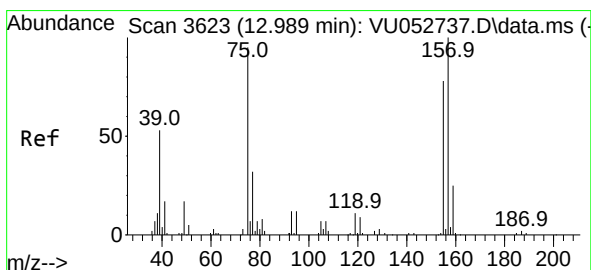
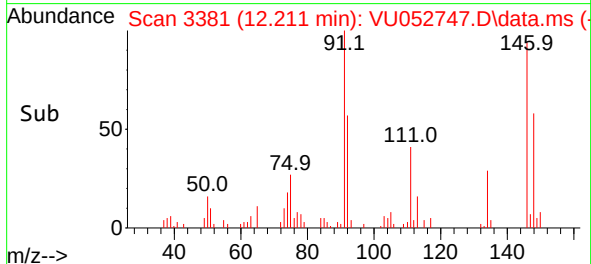
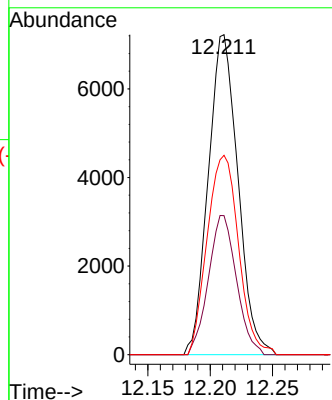
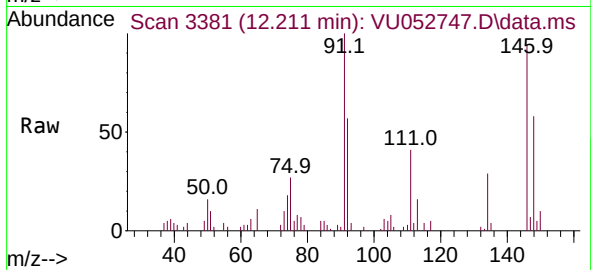
Tgt Ion:146 Resp: 11964

Ion Ratio Lower Upper

146 100

111 41.1 21.1 63.1

148 66.0 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.673 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. 0.003 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

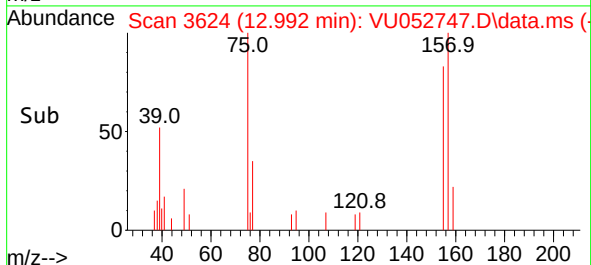
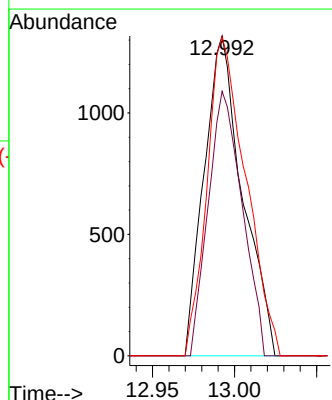
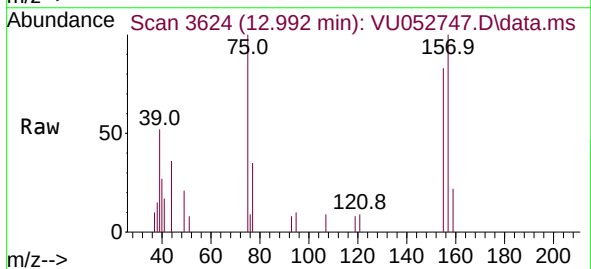
Tgt Ion: 75 Resp: 2137

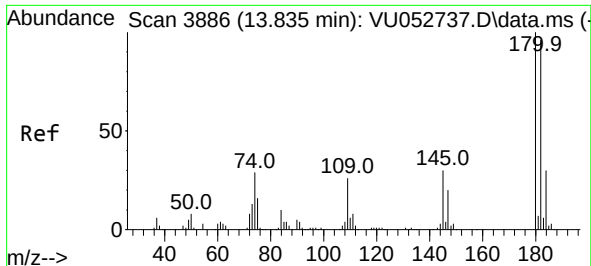
Ion Ratio Lower Upper

75 100

155 73.0 41.4 124.4

157 100.7 53.4 160.2





#93

1,2,4-Trichlorobenzene

Concen: 2.313 ug/l

RT: 13.838 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

MDL04

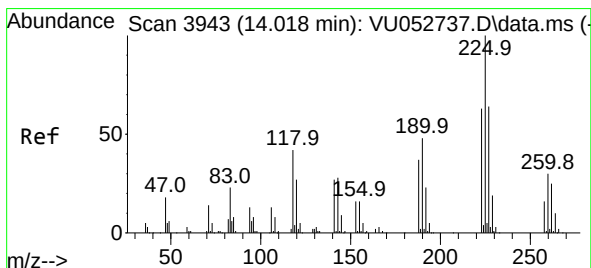
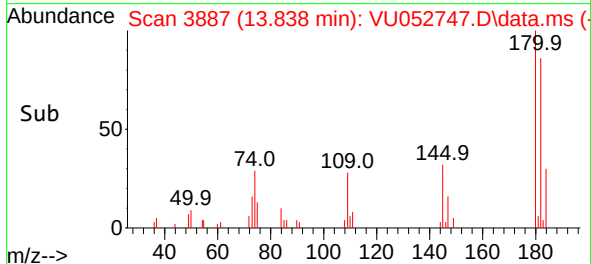
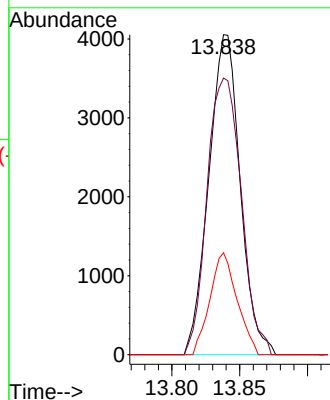
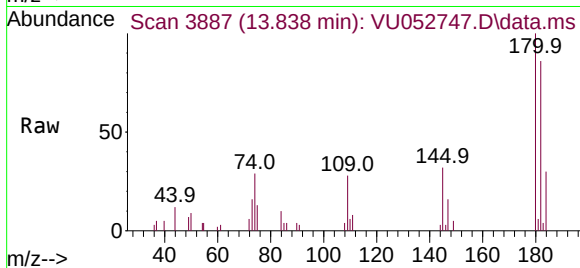
Tgt Ion:180 Resp: 6529

Ion Ratio Lower Upper

180 100

182 94.2 47.4 142.3

145 27.5 14.9 44.5



#94

Hexachlorobutadiene

Concen: 2.350 ug/l

RT: 14.015 min Scan# 3942

Delta R.T. -0.003 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

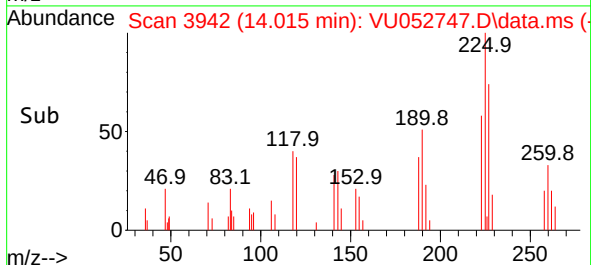
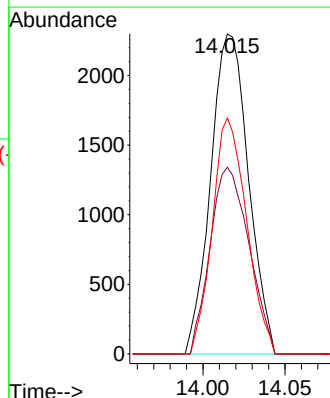
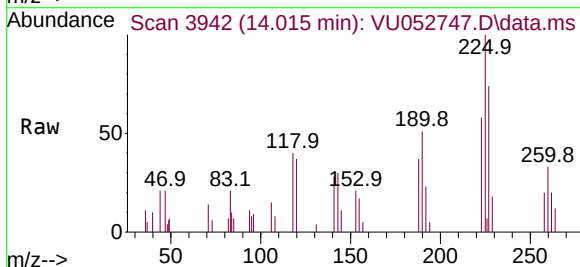
Tgt Ion:225 Resp: 3677

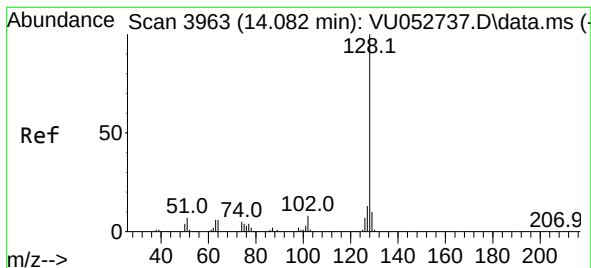
Ion Ratio Lower Upper

225 100

223 60.0 31.8 95.3

227 67.0 31.8 95.4





#95

Naphthalene

Concen: 2.088 ug/l

RT: 14.082 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Instrument :

MSVOA\_U

ClientSampleId :

MDL04

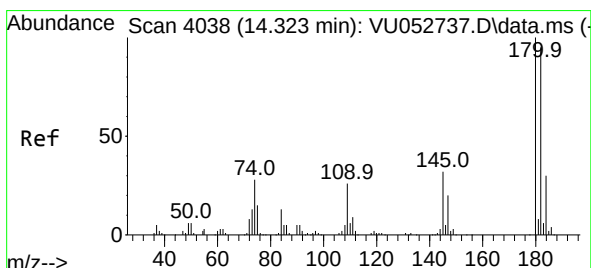
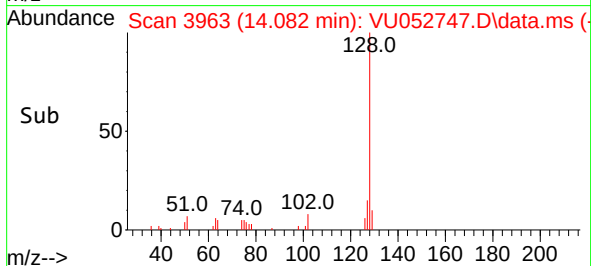
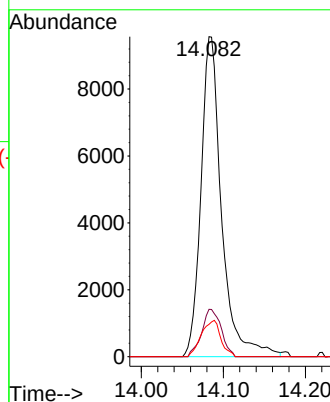
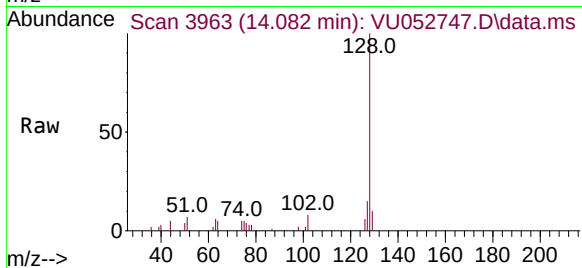
Tgt Ion:128 Resp: 16720

Ion Ratio Lower Upper

128 100

127 14.0 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.183 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. 0.003 min

Lab File: VU052747.D

Acq: 19 Jan 2023 19:54

Tgt Ion:180 Resp: 6119

Ion Ratio Lower Upper

180 100

182 93.9 48.1 144.3

145 31.7 15.8 47.4

