

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092821\  
 Data File : VU044961.D  
 Acq On : 28 Sep 2021 23:47  
 Operator : SY/MD  
 Sample : VU0928WBSD02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0928WBS03

Quant Time: Sep 29 05:49:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 12:32:13 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.378  | 168  | 153054   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.253  | 114  | 285611   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.420  | 117  | 274687   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.815 | 152  | 136512   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.706  | 65    | 141999   | 55.735   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 111.460% |      |
| 35) Dibromofluoromethane    | 5.295  | 113   | 98440    | 54.636   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 109.280% |      |
| 50) Toluene-d8              | 7.902  | 98    | 392945   | 55.197   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 110.400% |      |
| 62) 4-Bromofluorobenzene    | 10.635 | 95    | 146839   | 49.961   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 99.920%  |      |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.388 | 85  | 38375  | 20.247 | ug/l   | 99  |
| 3) Chloromethane             | 1.523 | 50  | 46748  | 19.042 | ug/l   | 99  |
| 4) Vinyl Chloride            | 1.607 | 62  | 51643  | 21.068 | ug/l   | 99  |
| 5) Bromomethane              | 1.858 | 94  | 34828  | 36.221 | ug/l   | 99  |
| 6) Chloroethane              | 1.935 | 64  | 34457  | 18.298 | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 2.141 | 101 | 66353  | 20.497 | ug/l   | 100 |
| 8) Diethyl Ether             | 2.382 | 74  | 30055  | 20.259 | ug/l   | 91  |
| 9) 1,1,2-Trichlorotrifluo... | 2.584 | 101 | 36396  | 19.770 | ug/l   | 98  |
| 10) Methyl Iodide            | 2.729 | 142 | 33295  | 16.944 | ug/l   | 96  |
| 11) Tert butyl alcohol       | 3.179 | 59  | 52824  | 72.240 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 2.584 | 96  | 36896  | 20.332 | ug/l   | 96  |
| 13) Acrolein                 | 2.491 | 56  | 12170  | 87.418 | ug/l   | 96  |
| 14) Allyl chloride           | 2.928 | 41  | 65426  | 19.482 | ug/l   | 96  |
| 15) Acrylonitrile            | 3.317 | 53  | 140367 | 95.183 | ug/l   | 98  |
| 16) Acetone                  | 2.629 | 43  | 120909 | 79.950 | ug/l   | 100 |
| 17) Carbon Disulfide         | 2.800 | 76  | 105337 | 19.664 | ug/l   | 97  |
| 18) Methyl Acetate           | 2.951 | 43  | 85592  | 19.365 | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 3.369 | 73  | 140766 | 20.095 | ug/l   | 99  |
| 20) Methylene Chloride       | 3.051 | 84  | 45726  | 20.074 | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 3.359 | 96  | 40198  | 20.250 | ug/l   | 96  |
| 22) Diisopropyl ether        | 3.999 | 45  | 133965 | 19.539 | ug/l   | 99  |
| 23) Vinyl Acetate            | 3.964 | 43  | 554118 | 99.371 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 3.877 | 63  | 80744  | 20.515 | ug/l   | 100 |
| 25) 2-Butanone               | 4.706 | 43  | 189365 | 88.133 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 4.671 | 77  | 53322  | 16.024 | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 4.674 | 96  | 47554  | 20.283 | ug/l   | 96  |
| 28) Bromochloromethane       | 4.980 | 49  | 32118  | 19.688 | ug/l   | 96  |
| 29) Tetrahydrofuran          | 5.054 | 42  | 123200 | 96.323 | ug/l   | 95  |
| 30) Chloroform               | 5.095 | 83  | 80038  | 20.176 | ug/l   | 98  |
| 31) Cyclohexane              | 5.391 | 56  | 74231  | 19.181 | ug/l   | 92  |
| 32) 1,1,1-Trichloroethane    | 5.324 | 97  | 66832  | 20.418 | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.533 | 75  | 59031  | 19.764 | ug/l   | 99  |
| 37) Ethyl Acetate            | 4.809 | 43  | 73586  | 18.620 | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 5.533 | 117 | 50960  | 19.717 | ug/l   | 99  |
| 39) Methylcyclohexane        | 6.767 | 83  | 68580  | 18.704 | ug/l   | 96  |
| 40) Benzene                  | 5.780 | 78  | 175195 | 19.694 | ug/l   | 99  |

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 Sample : VU0928WBSD02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0928WBS03

Quant Time: Sep 29 05:49:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 12:32:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.976  | 41   | 39078    | 19.208  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 5.800  | 62   | 69312    | 19.824  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 5.915  | 43   | 111307   | 18.721  | ug/l   | 99       |
| 44) Trichloroethene           | 6.546  | 130  | 41887    | 19.971  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 6.796  | 63   | 46047    | 19.524  | ug/l   | 98       |
| 46) Dibromomethane            | 6.922  | 93   | 31435    | 19.785  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.111  | 83   | 61285    | 19.866  | ug/l   | 99       |
| 48) Methyl methacrylate       | 6.964  | 41   | 52726    | 18.219  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 6.967  | 88   | 17609    | 207.045 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 7.793  | 43   | 373722   | 86.343  | ug/l   | 98       |
| 52) Toluene                   | 7.973  | 92   | 110361   | 19.822  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.214  | 75   | 64864    | 18.387  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 7.613  | 75   | 71038    | 19.332  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 8.404  | 97   | 44303    | 19.098  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 8.336  | 69   | 72398    | 17.308  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 8.581  | 76   | 80672    | 19.485  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 7.468  | 63   | 87814    | 77.529  | ug/l   | 97       |
| 59) 2-Hexanone                | 8.687  | 43   | 293046   | 83.140  | ug/l   | 98       |
| 60) Dibromochloromethane      | 8.812  | 129  | 42058    | 18.531  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 8.928  | 107  | 46866    | 19.006  | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.555  | 164  | 37448    | 20.888  | ug/l   | 99       |
| 65) Chlorobenzene             | 9.449  | 112  | 112247   | 19.491  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 9.539  | 131  | 37608    | 18.705  | ug/l   | 99       |
| 67) Ethyl Benzene             | 9.574  | 91   | 209760   | 19.793  | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.697  | 106  | 159756   | 38.803  | ug/l   | 98       |
| 69) o-Xylene                  | 10.105 | 106  | 78460    | 19.201  | ug/l   | 99       |
| 70) Styrene                   | 10.118 | 104  | 130162   | 18.988  | ug/l   | 99       |
| 71) Bromoform                 | 10.295 | 173  | 30337    | 16.505  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.488 | 105  | 205082   | 20.173  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.324 | 43   | 91694    | 17.913  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.787 | 83   | 76762    | 17.451  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.828 | 75   | 87393    | 21.948  | ug/l   | 91       |
| 77) Bromobenzene              | 10.787 | 156  | 46624    | 18.993  | ug/l   | 97       |
| 78) n-propylbenzene           | 10.909 | 91   | 245647   | 19.829  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.989 | 91   | 146536   | 18.870  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 175158   | 19.668  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.549 | 75   | 21152    | 14.742  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.098 | 91   | 172513   | 19.654  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.423 | 119  | 164490   | 18.989  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.471 | 105  | 171902   | 19.511  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.648 | 105  | 219360   | 19.664  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.796 | 119  | 179331   | 19.985  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.748 | 146  | 88426    | 18.810  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.841 | 146  | 90712    | 18.863  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.214 | 91   | 161765   | 19.572  | ug/l   | 100      |
| 90) Hexachloroethane          | 12.481 | 117  | 29083    | 17.948  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.214 | 146  | 90877    | 18.911  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 13.002 | 75   | 19046    | 18.351  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 13.844 | 180  | 53090    | 19.824  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 14.024 | 225  | 21309    | 19.061  | ug/l   | 98       |
| 95) Naphthalene               | 14.089 | 128  | 194418   | 19.302  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.333 | 180  | 53943    | 20.056  | ug/l   | 100      |

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Operator : SY/MD  
Sample : VU0928WBSD02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 36 Sample Multiplier: 1

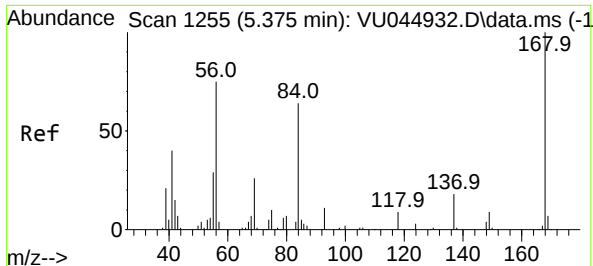
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

Quant Time: Sep 29 05:49:14 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092821W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 28 12:32:13 2021  
Response via : Initial Calibration

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

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

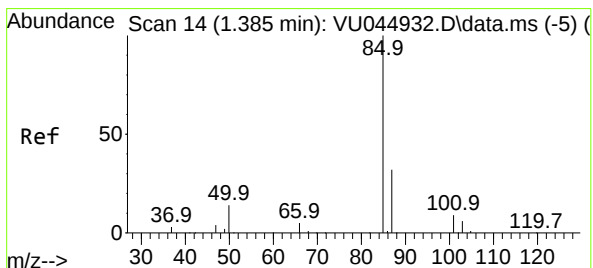
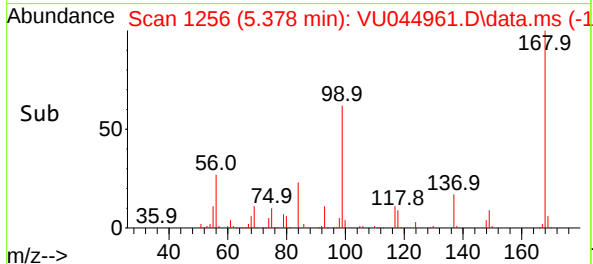
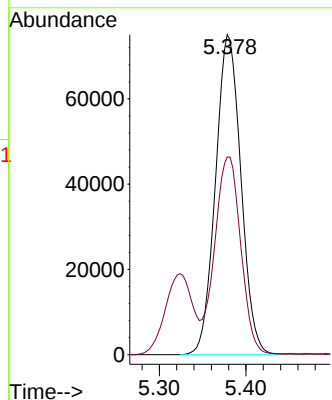
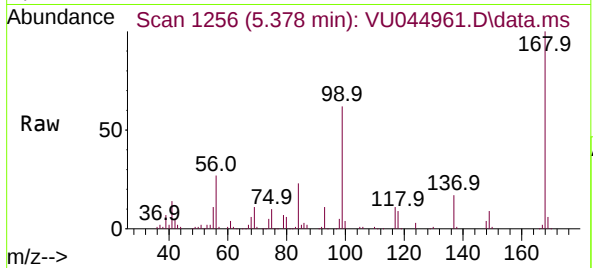




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.378 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

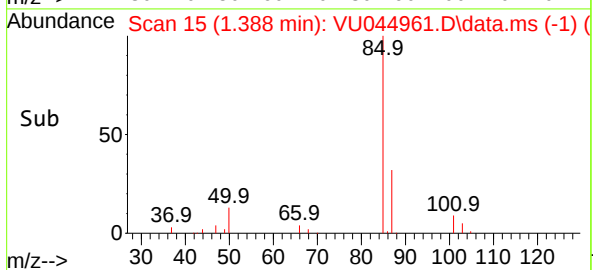
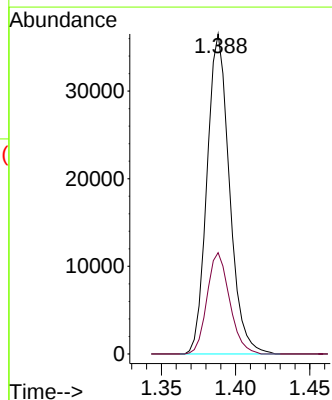
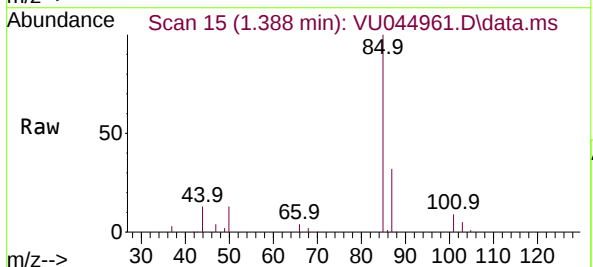
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

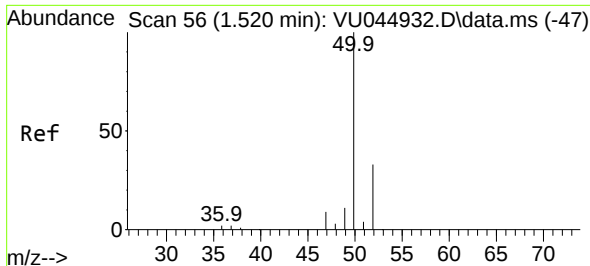
Tgt Ion:168 Resp: 153054  
Ion Ratio Lower Upper  
168 100  
99 61.6 51.4 77.0



#2  
Dichlorodifluoromethane  
Concen: 20.247 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. 0.003 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 85 Resp: 38375  
Ion Ratio Lower Upper  
85 100  
87 31.6 15.7 47.0

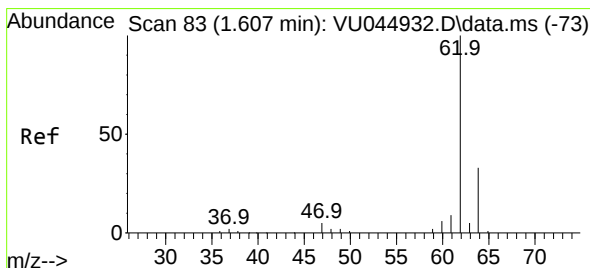
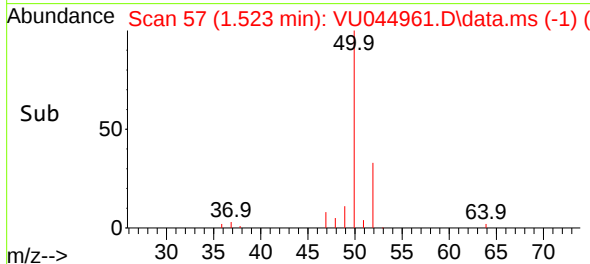
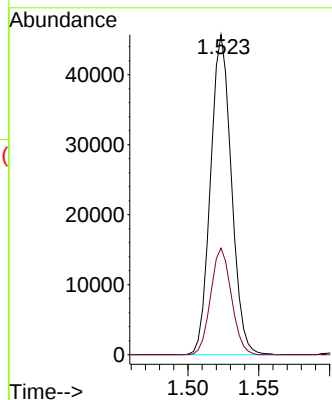
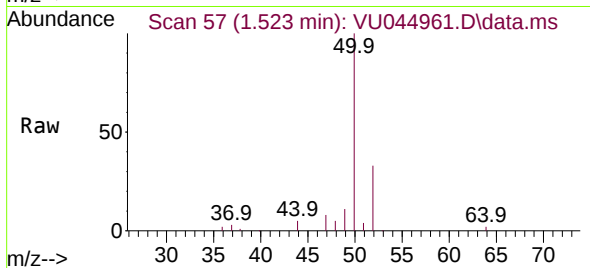




#3  
Chloromethane  
Concen: 19.042 ug/l  
RT: 1.523 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

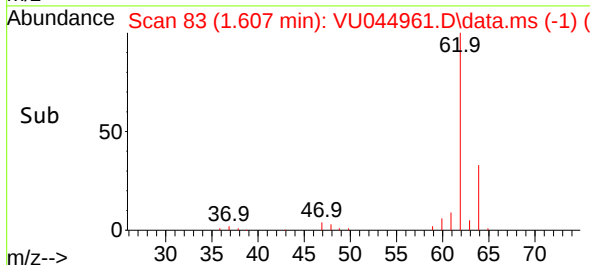
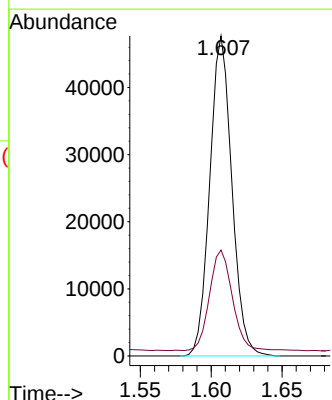
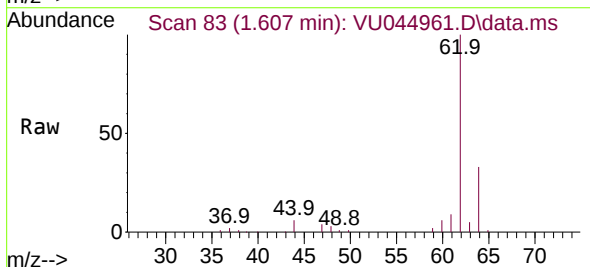
Instrument :  
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ClientSampleId :  
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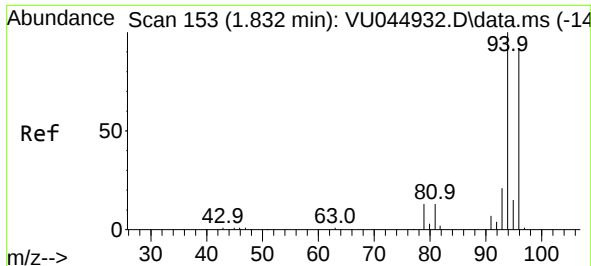
Tgt Ion: 50 Resp: 46748  
Ion Ratio Lower Upper  
50 100  
52 33.3 26.3 39.5



#4  
Vinyl Chloride  
Concen: 21.068 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. -0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 62 Resp: 51643  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.6 38.4

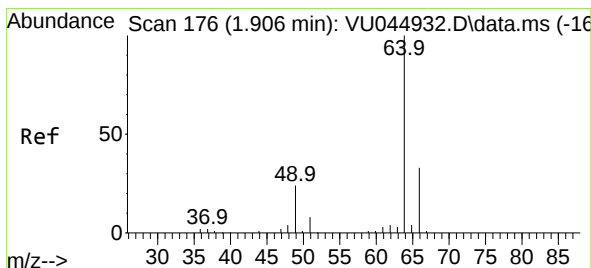
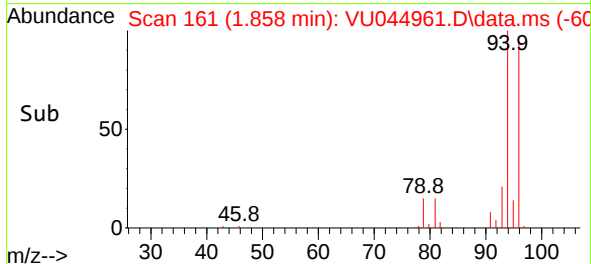
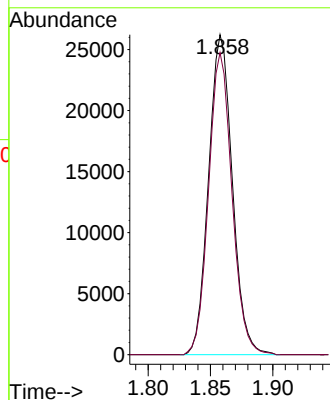
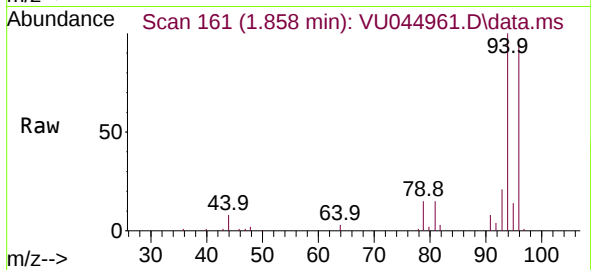




#5  
Bromomethane  
Concen: 36.221 ug/l  
RT: 1.858 min Scan# 1  
Delta R.T. 0.026 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

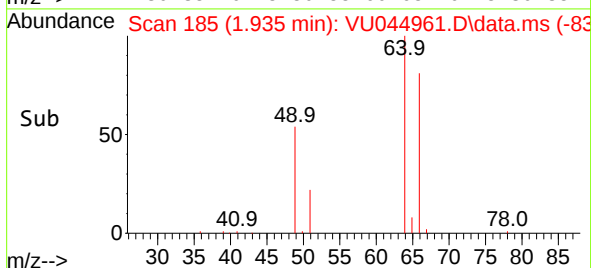
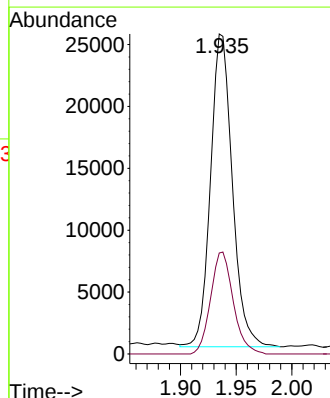
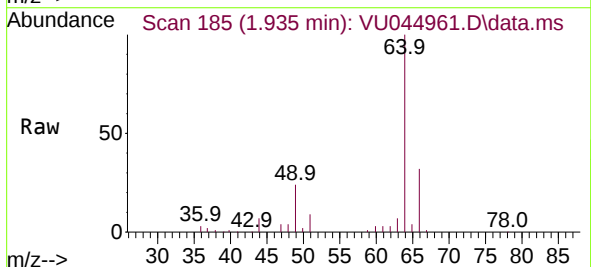
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

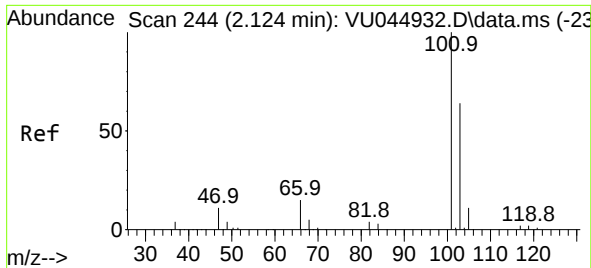
Tgt Ion: 94 Resp: 34828  
Ion Ratio Lower Upper  
94 100  
96 94.4 74.5 111.7



#6  
Chloroethane  
Concen: 18.298 ug/l  
RT: 1.935 min Scan# 185  
Delta R.T. 0.029 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 64 Resp: 34457  
Ion Ratio Lower Upper  
64 100  
66 32.3 25.8 38.8

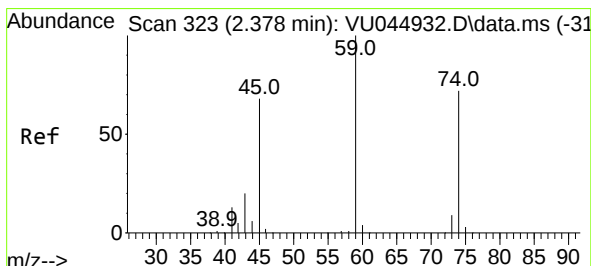
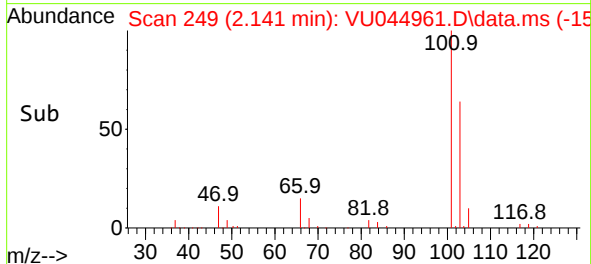
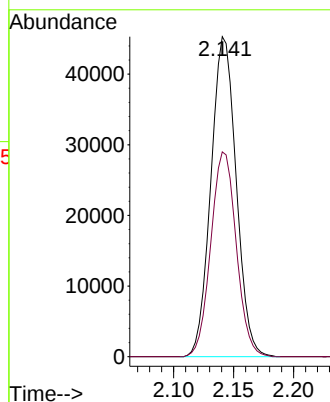
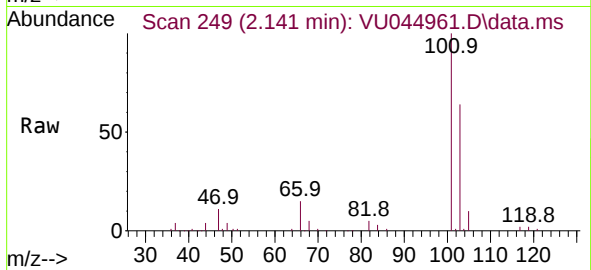




#7  
 Trichlorofluoromethane  
 Concen: 20.497 ug/l  
 RT: 2.141 min Scan# 244  
 Delta R.T. 0.017 min  
 Lab File: VU044961.D  
 Acq: 28 Sep 2021 23:47

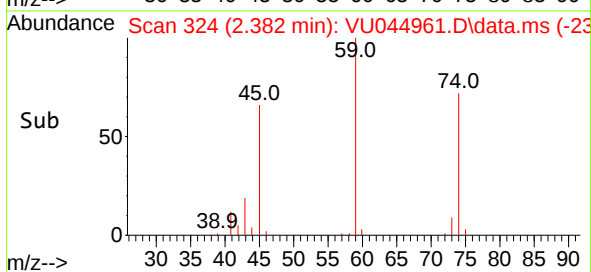
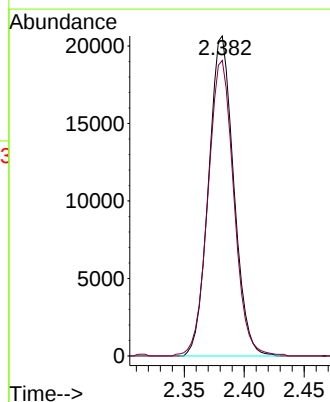
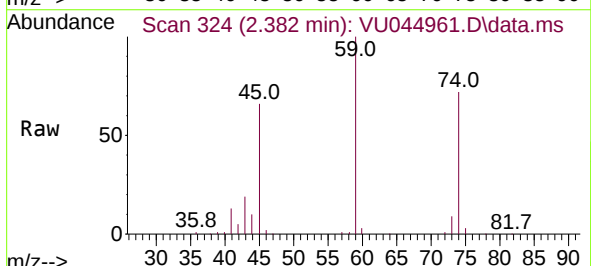
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0928WBS03

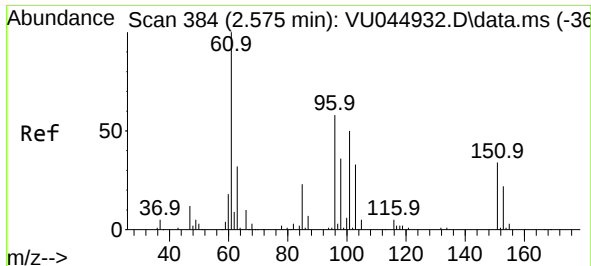
Tgt Ion:101 Resp: 66353  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 51.2 76.8



#8  
 Diethyl Ether  
 Concen: 20.259 ug/l  
 RT: 2.382 min Scan# 324  
 Delta R.T. 0.004 min  
 Lab File: VU044961.D  
 Acq: 28 Sep 2021 23:47

Tgt Ion: 74 Resp: 30055  
 Ion Ratio Lower Upper  
 74 100  
 45 95.1 52.2 156.6

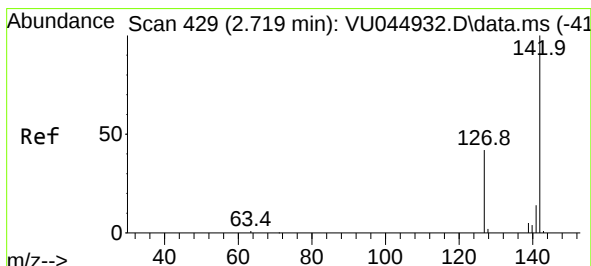
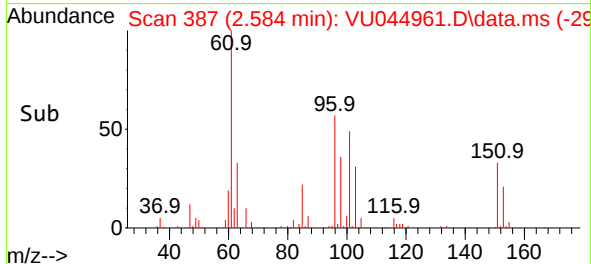
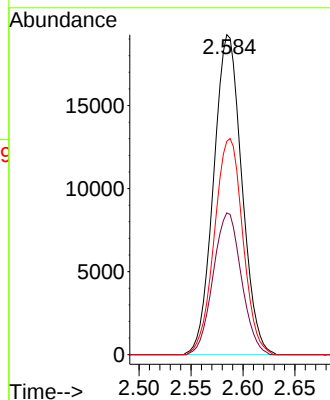
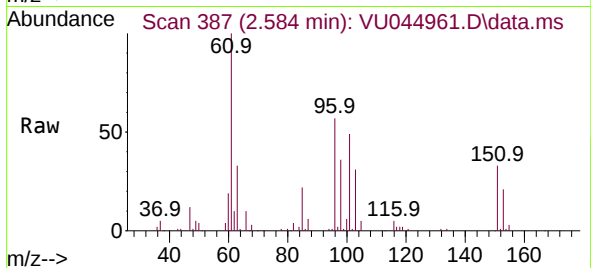




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.770 ug/l  
RT: 2.584 min Scan# 384  
Delta R.T. 0.009 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

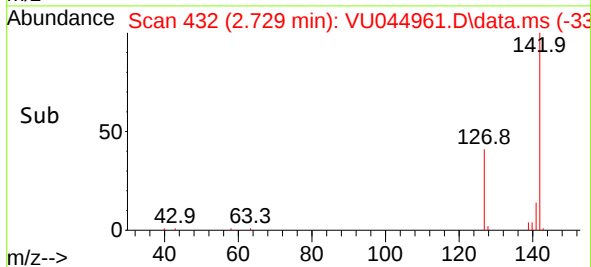
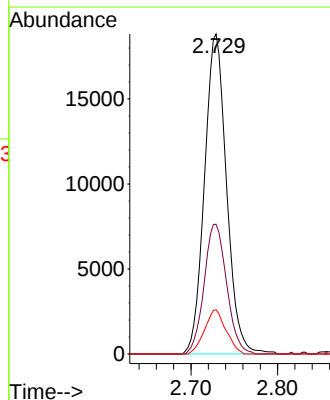
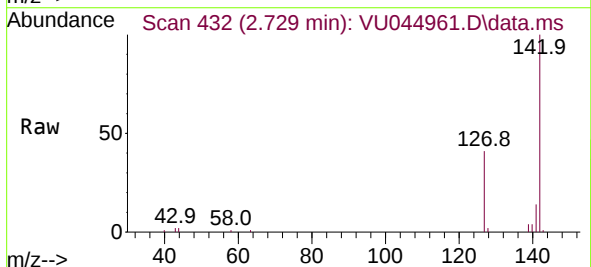
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

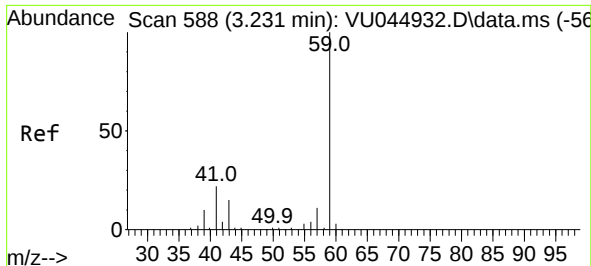
Tgt Ion:101 Resp: 36396  
Ion Ratio Lower Upper  
101 100  
85 44.3 37.2 55.8  
151 68.2 55.8 83.8



#10  
Methyl Iodide  
Concen: 16.944 ug/l  
RT: 2.729 min Scan# 432  
Delta R.T. 0.010 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion:142 Resp: 33295  
Ion Ratio Lower Upper  
142 100  
127 41.3 35.6 53.4  
141 13.4 11.3 16.9

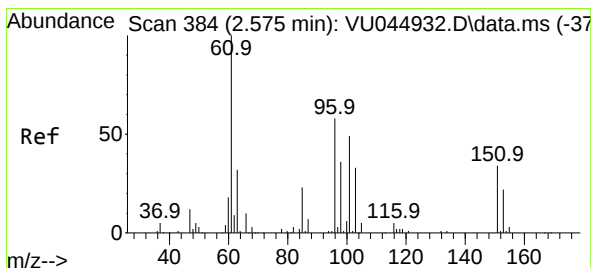
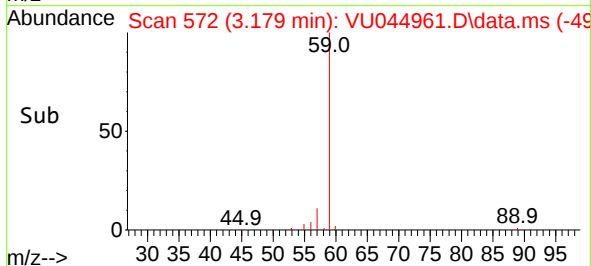
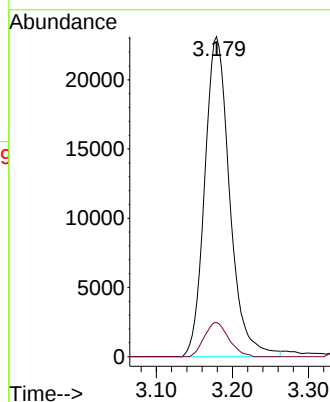
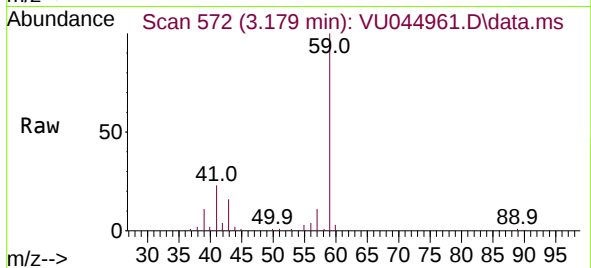




#11  
Tert butyl alcohol  
Concen: 72.240 ug/l  
RT: 3.179 min Scan# 51  
Delta R.T. -0.052 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

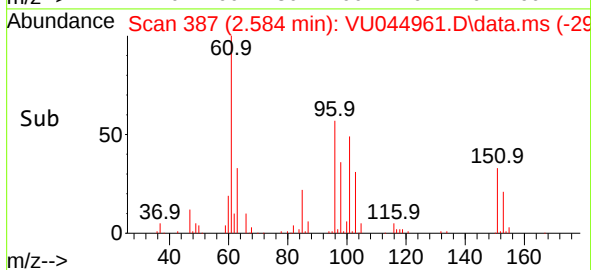
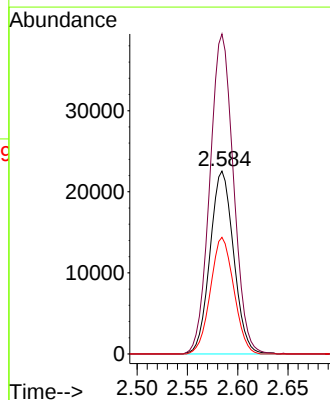
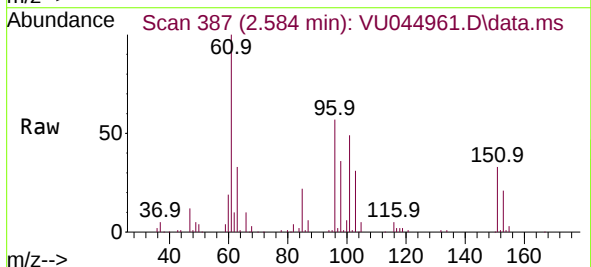
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

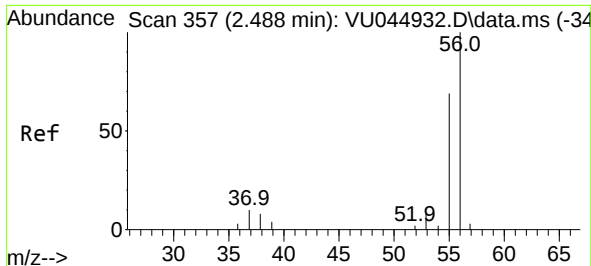
Tgt Ion: 59 Resp: 52824  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 20.332 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. 0.009 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 96 Resp: 36896  
Ion Ratio Lower Upper  
96 100  
61 175.0 145.4 218.0  
98 63.8 50.9 76.3





#13

Acrolein

Concen: 87.418 ug/l

RT: 2.491 min Scan# 358

Delta R.T. 0.003 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA\_U

ClientSampleId :

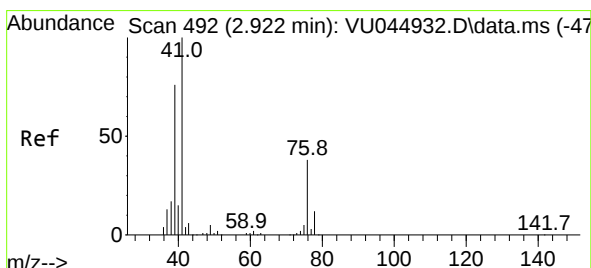
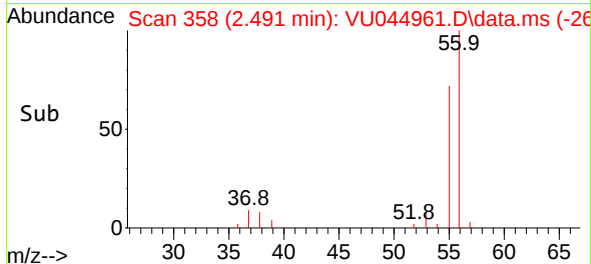
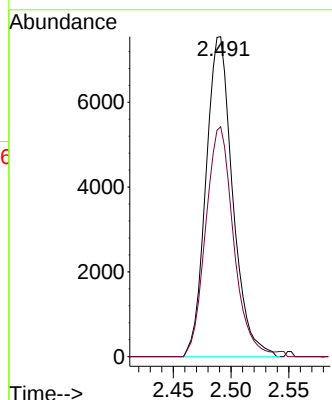
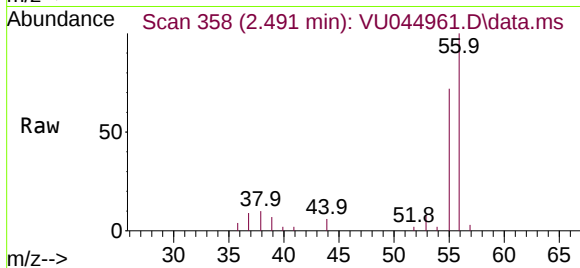
VU0928WBS03

Tgt Ion: 56 Resp: 12170

Ion Ratio Lower Upper

56 100

55 74.7 57.4 86.0



#14

Allyl chloride

Concen: 19.482 ug/l

RT: 2.928 min Scan# 494

Delta R.T. 0.006 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

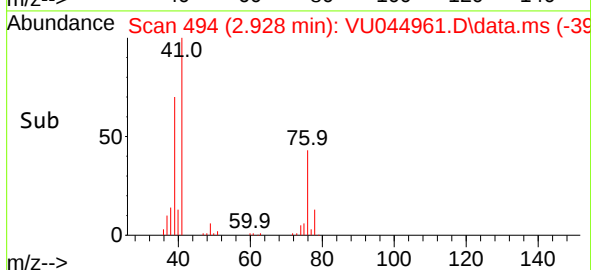
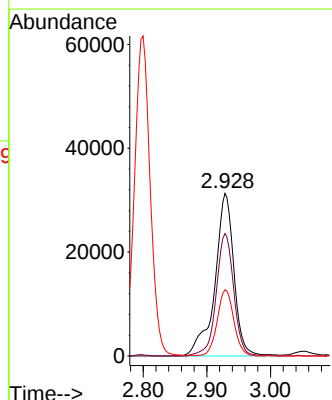
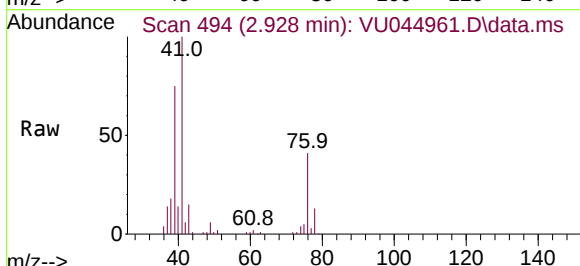
Tgt Ion: 41 Resp: 65426

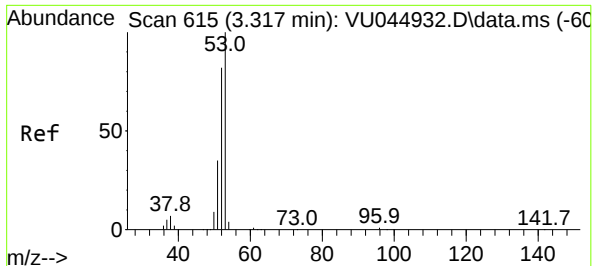
Ion Ratio Lower Upper

41 100

39 68.7 53.0 79.6

76 35.3 25.7 38.5

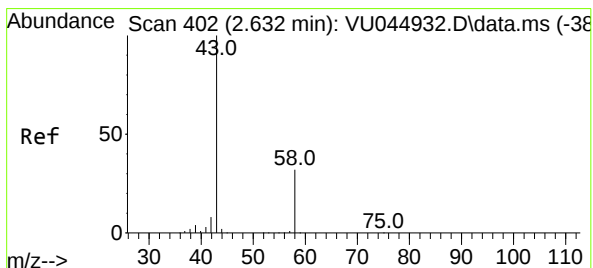
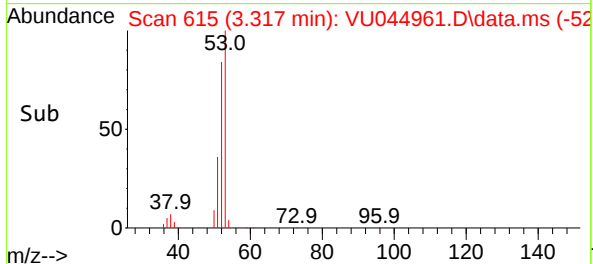
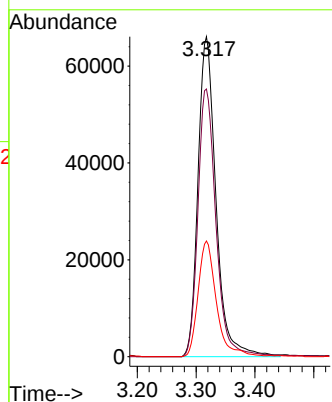
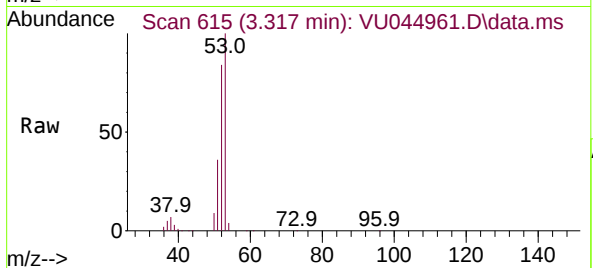




#15  
Acrylonitrile  
Concen: 95.183 ug/l  
RT: 3.317 min Scan# 615  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

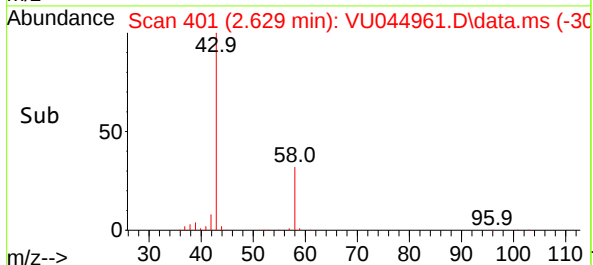
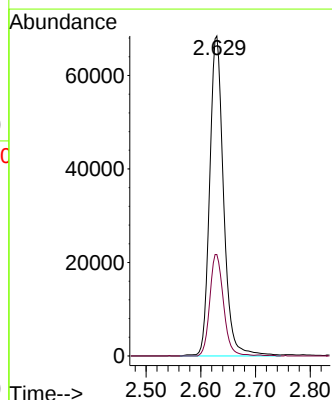
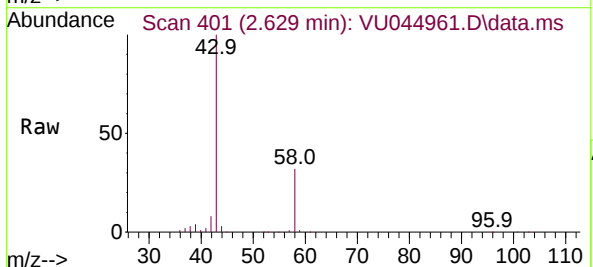
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

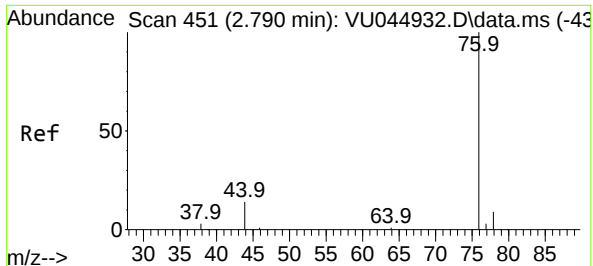
Tgt Ion: 53 Resp: 140367  
Ion Ratio Lower Upper  
53 100  
52 84.3 66.0 99.0  
51 36.8 28.6 42.8



#16  
Acetone  
Concen: 79.950 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. -0.003 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 43 Resp: 120909  
Ion Ratio Lower Upper  
43 100  
58 31.7 25.2 37.8

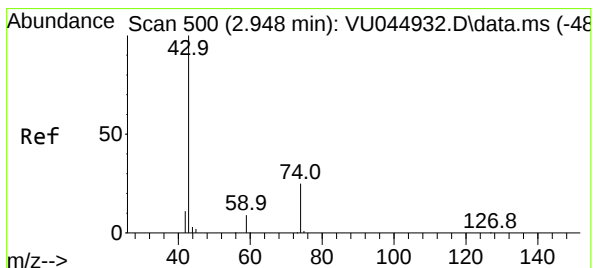
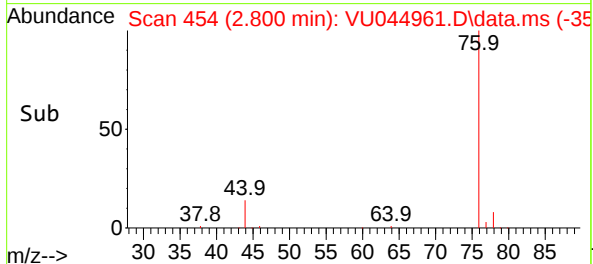
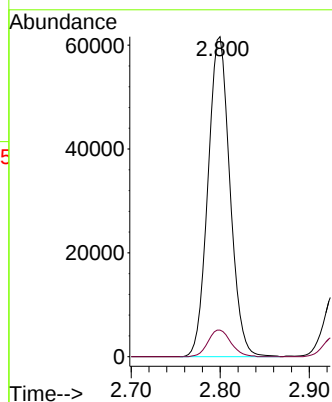
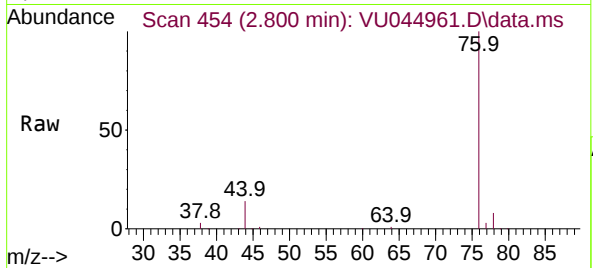




#17  
Carbon Disulfide  
Concen: 19.664 ug/l  
RT: 2.800 min Scan# 41  
Delta R.T. 0.010 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

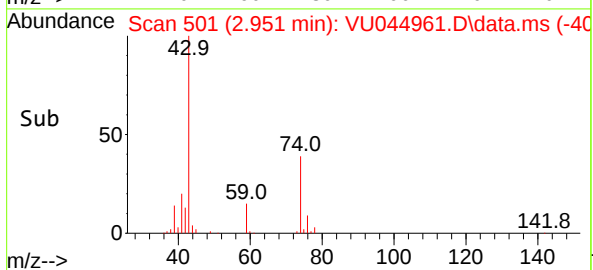
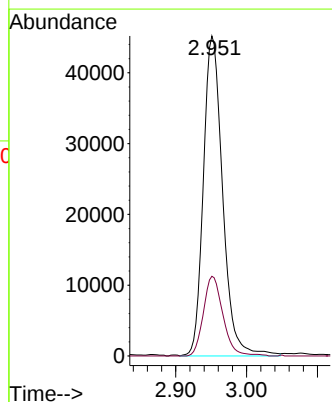
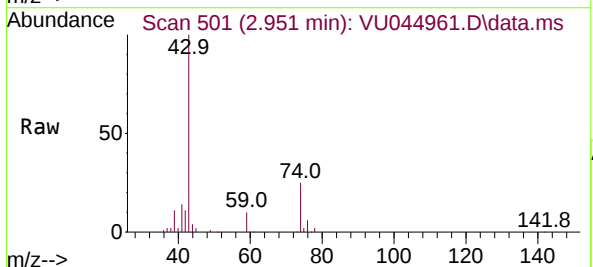
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

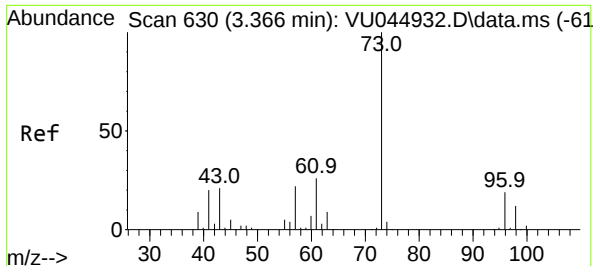
Tgt Ion: 76 Resp: 105337  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.4 11.0



#18  
Methyl Acetate  
Concen: 19.365 ug/l  
RT: 2.951 min Scan# 501  
Delta R.T. 0.003 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 43 Resp: 85592  
Ion Ratio Lower Upper  
43 100  
74 25.2 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 20.095 ug/l

RT: 3.369 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA\_U

ClientSampleId :

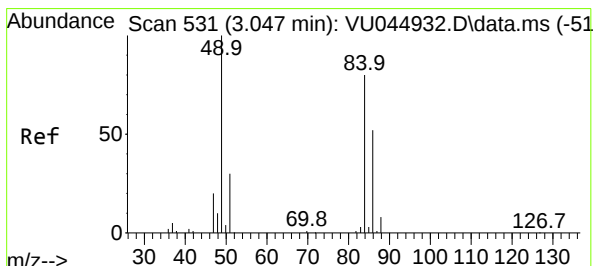
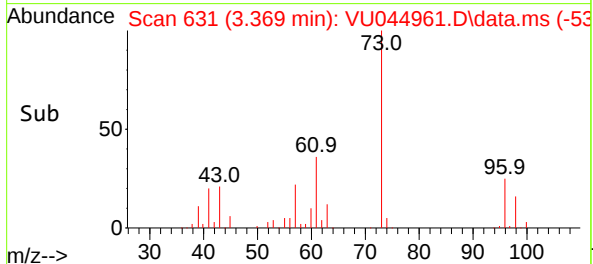
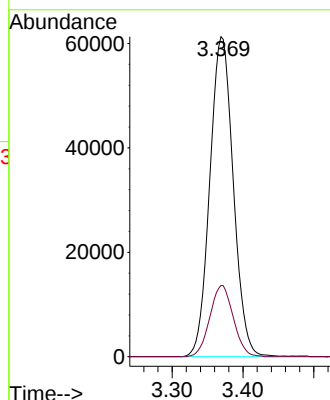
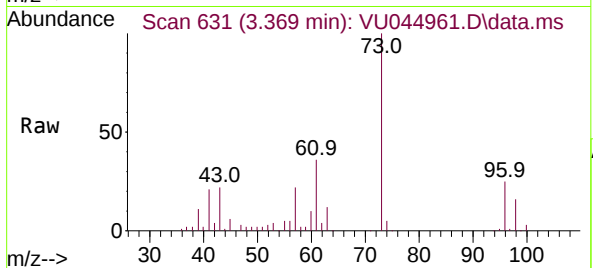
VU0928WBS03

Tgt Ion: 73 Resp: 140766

Ion Ratio Lower Upper

73 100

57 22.3 18.2 27.2



#20

Methylene Chloride

Concen: 20.074 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.004 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Tgt Ion: 84 Resp: 45726

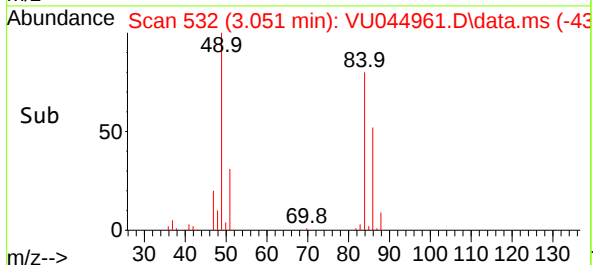
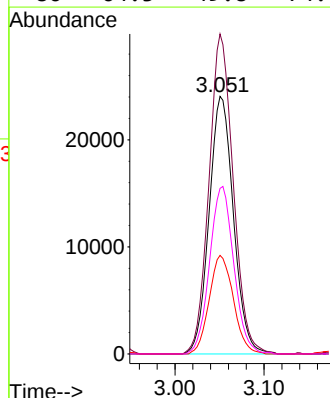
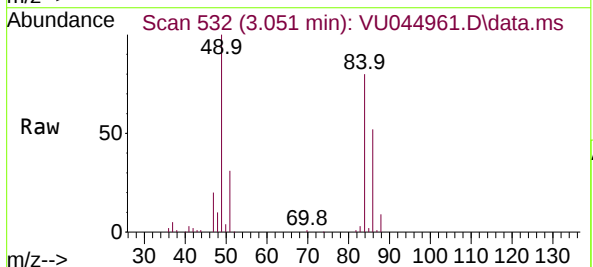
Ion Ratio Lower Upper

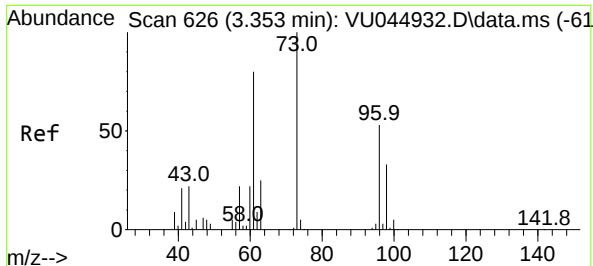
84 100

49 124.2 104.9 157.3

51 38.3 31.8 47.8

86 64.3 49.8 74.6

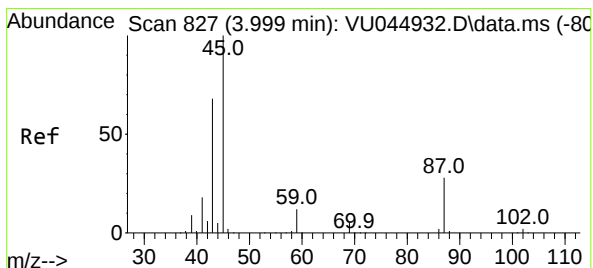
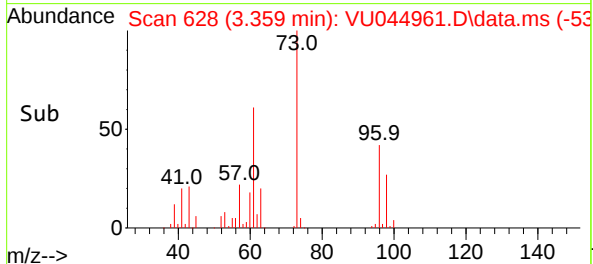
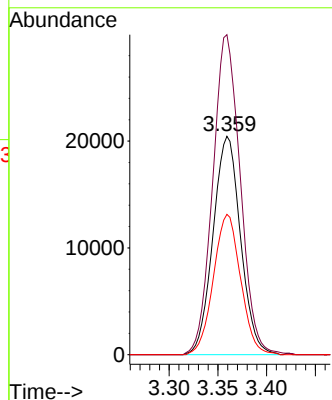
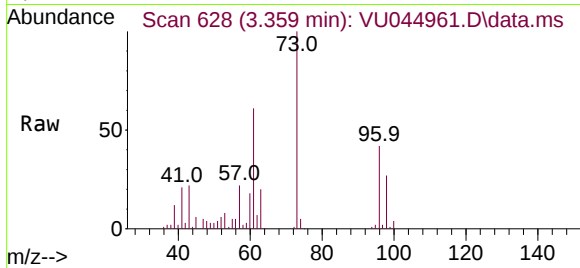




#21  
trans-1,2-Dichloroethene  
Concen: 20.250 ug/l  
RT: 3.359 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

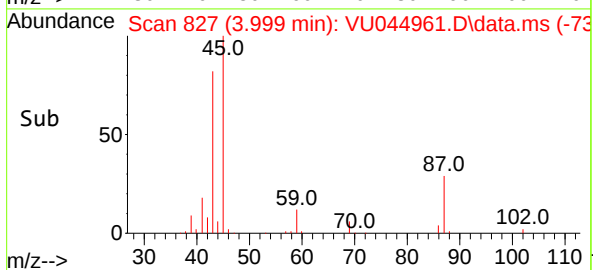
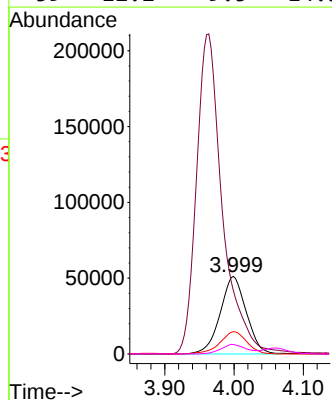
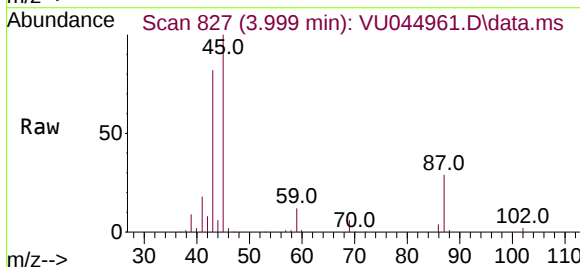
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

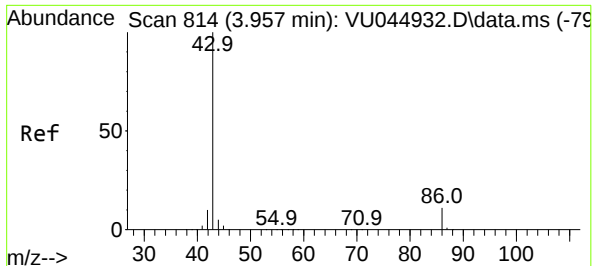
Tgt Ion: 96 Resp: 40198  
Ion Ratio Lower Upper  
96 100  
61 146.6 123.2 184.8  
98 64.3 51.0 76.6



#22  
Diisopropyl ether  
Concen: 19.539 ug/l  
RT: 3.999 min Scan# 827  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 45 Resp: 133965  
Ion Ratio Lower Upper  
45 100  
43 77.6 62.3 93.5  
87 28.7 21.0 31.4  
59 12.2 9.5 14.3

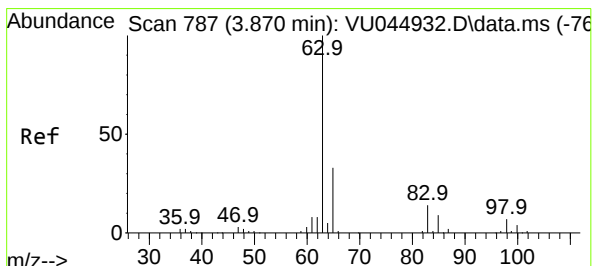
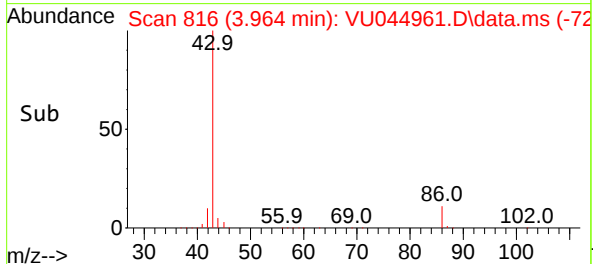
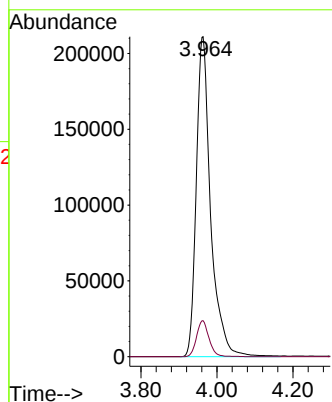
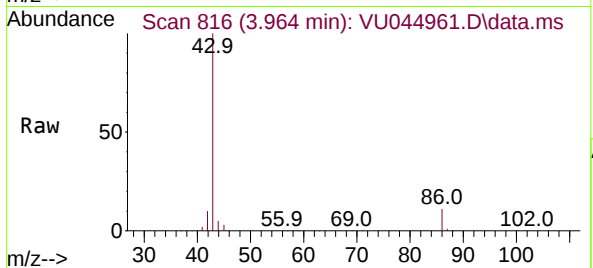




#23  
 Vinyl Acetate  
 Concen: 99.371 ug/l  
 RT: 3.964 min Scan# 814  
 Delta R.T. 0.007 min  
 Lab File: VU044961.D  
 Acq: 28 Sep 2021 23:47

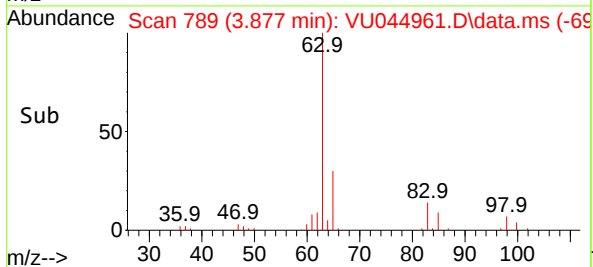
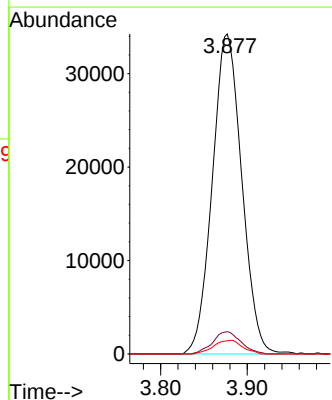
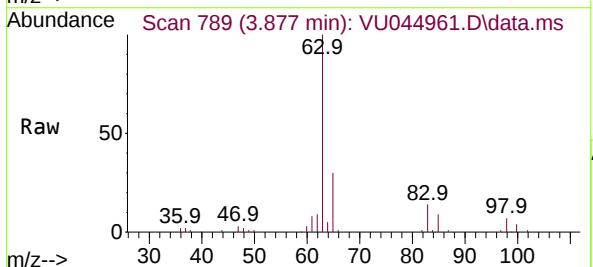
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0928WBS03

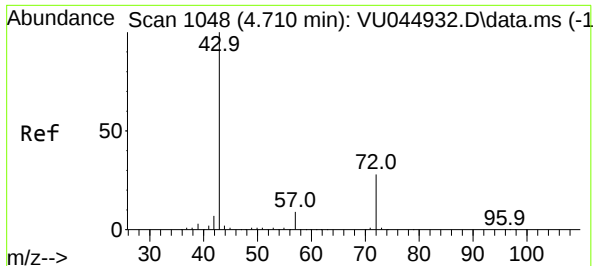
Tgt Ion: 43 Resp: 554118  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 8.2 12.4



#24  
 1,1-Dichloroethane  
 Concen: 20.515 ug/l  
 RT: 3.877 min Scan# 789  
 Delta R.T. 0.007 min  
 Lab File: VU044961.D  
 Acq: 28 Sep 2021 23:47

Tgt Ion: 63 Resp: 80744  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.5 10.4  
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 88.133 ug/l

RT: 4.706 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA\_U

ClientSampleId :

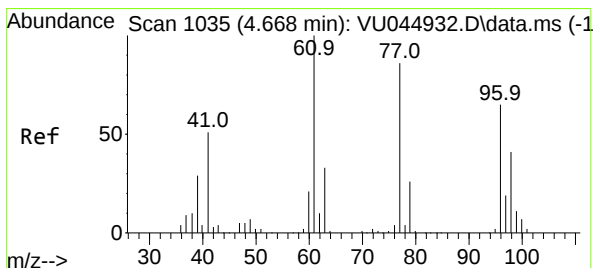
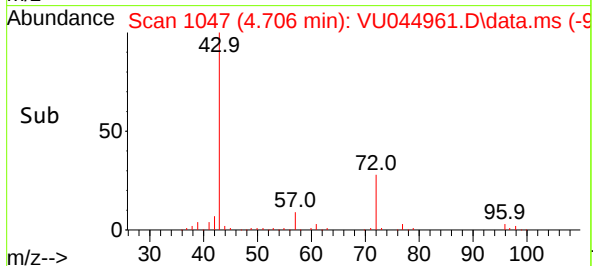
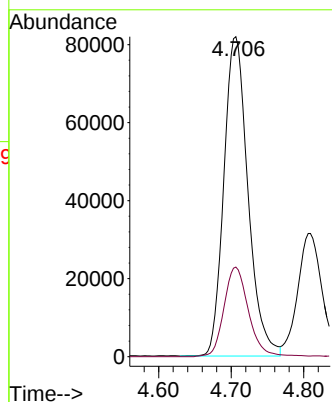
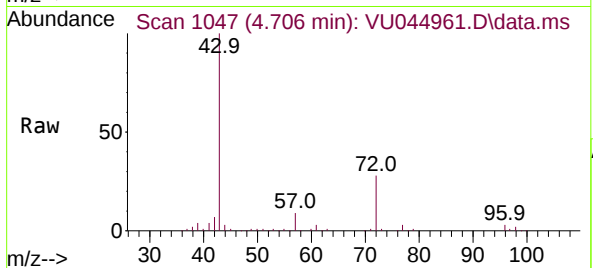
VU0928WBS03

Tgt Ion: 43 Resp: 189365

Ion Ratio Lower Upper

43 100

72 28.1 21.3 31.9



#26

2,2-Dichloropropane

Concen: 16.024 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU044961.D

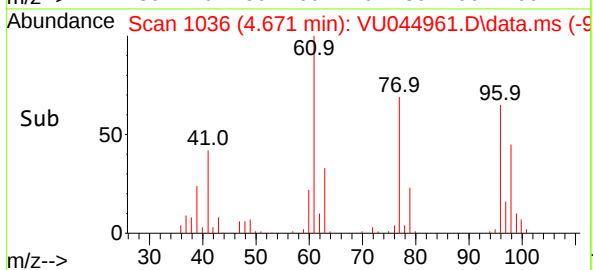
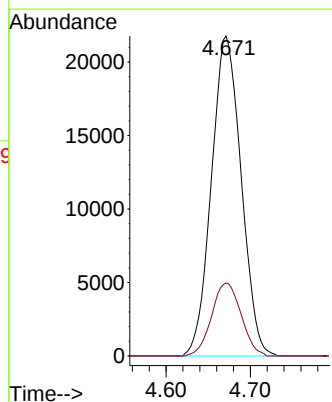
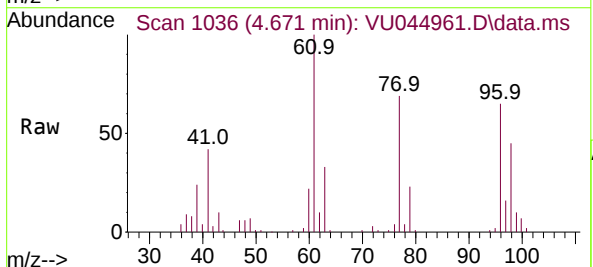
Acq: 28 Sep 2021 23:47

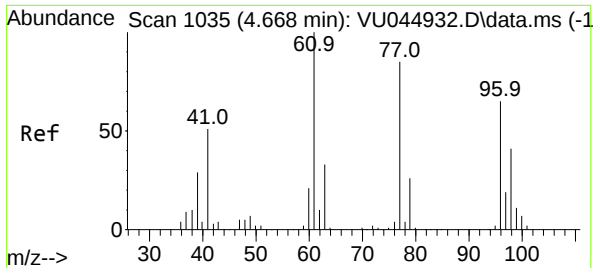
Tgt Ion: 77 Resp: 53322

Ion Ratio Lower Upper

77 100

97 22.6 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 20.283 ug/l

RT: 4.674 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA\_U

ClientSampleId :

VU0928WBS03

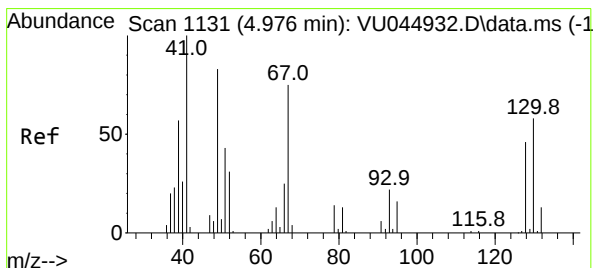
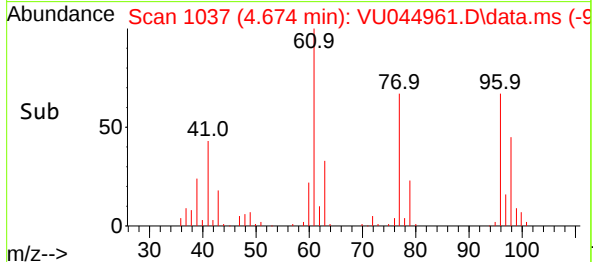
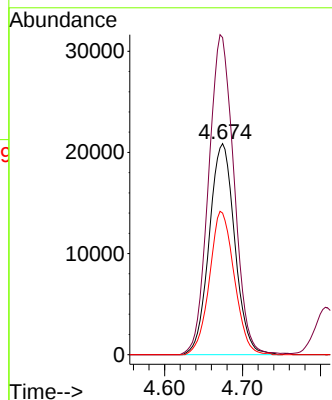
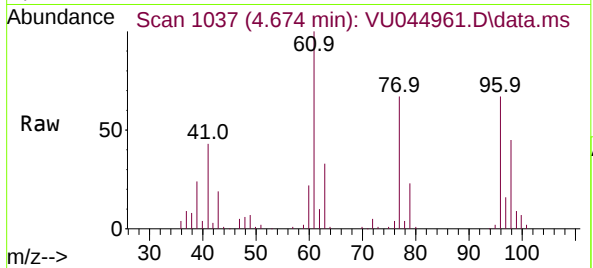
Tgt Ion: 96 Resp: 47554

Ion Ratio Lower Upper

96 100

61 150.7 0.0 313.4

98 65.9 0.0 127.0



#28

Bromochloromethane

Concen: 19.688 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.004 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

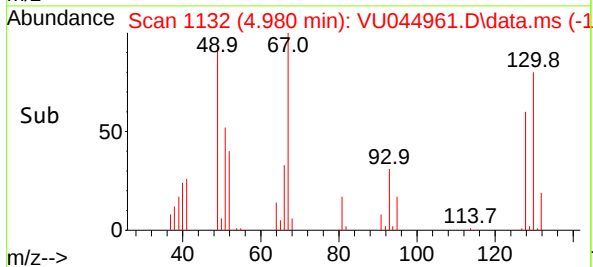
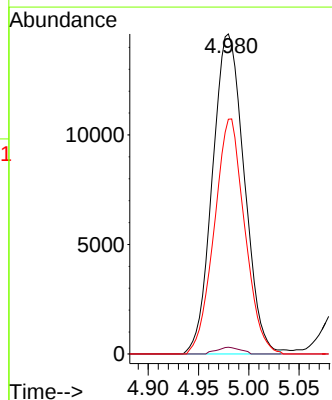
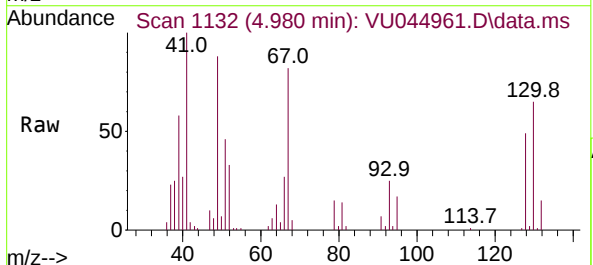
Tgt Ion: 49 Resp: 32118

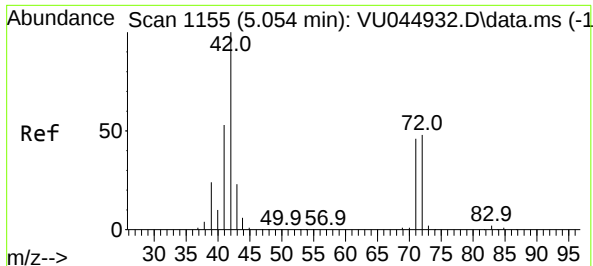
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.2

130 70.5 53.4 80.2





#29

Tetrahydrofuran

Concen: 96.323 ug/l

RT: 5.054 min Scan# 1155

Delta R.T. -0.000 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA\_U

ClientSampleId :

VU0928WBS03

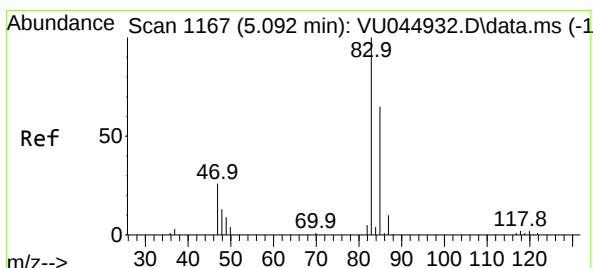
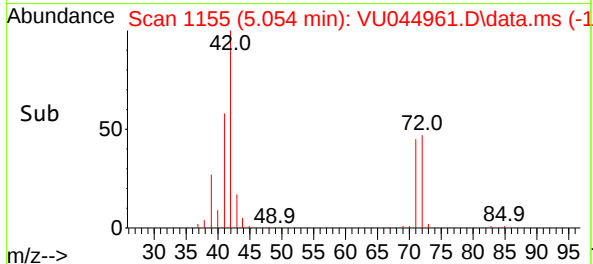
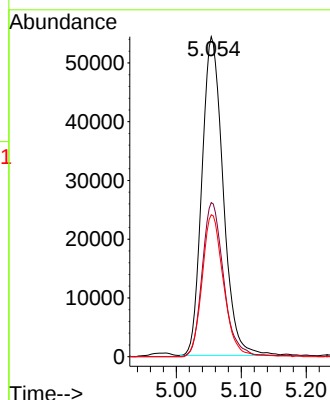
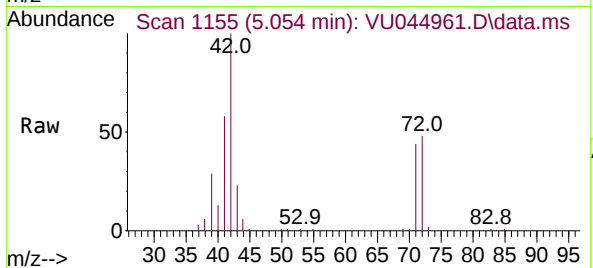
Tgt Ion: 42 Resp: 123200

Ion Ratio Lower Upper

42 100

72 49.1 36.2 54.4

71 44.9 34.1 51.1



#30

Chloroform

Concen: 20.176 ug/l

RT: 5.095 min Scan# 1168

Delta R.T. 0.003 min

Lab File: VU044961.D

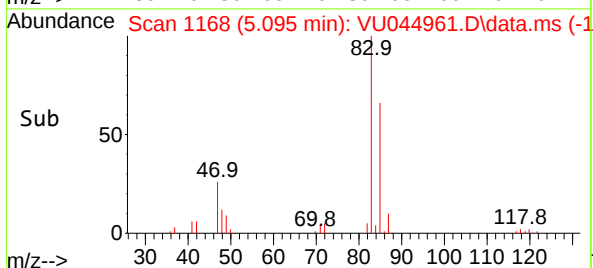
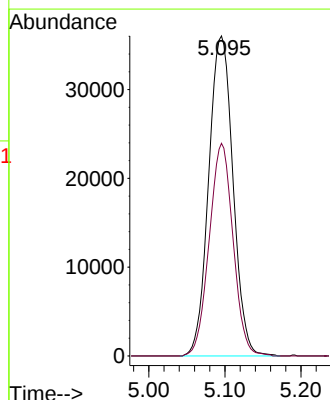
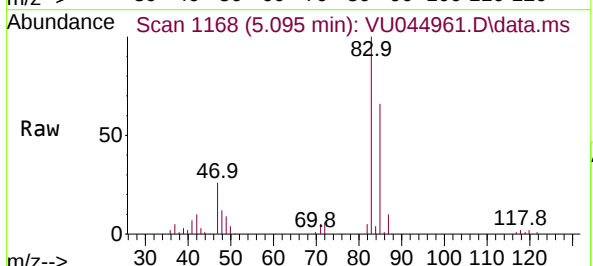
Acq: 28 Sep 2021 23:47

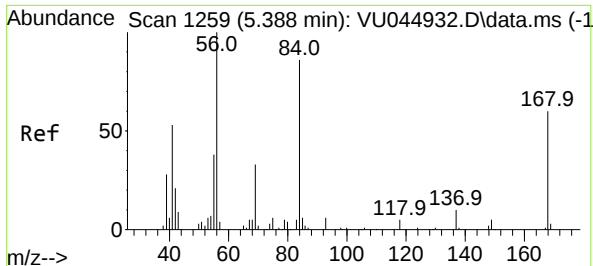
Tgt Ion: 83 Resp: 80038

Ion Ratio Lower Upper

83 100

85 66.5 52.1 78.1

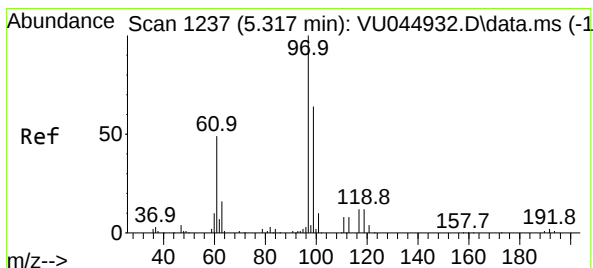
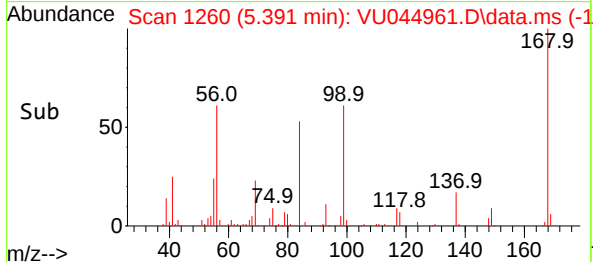
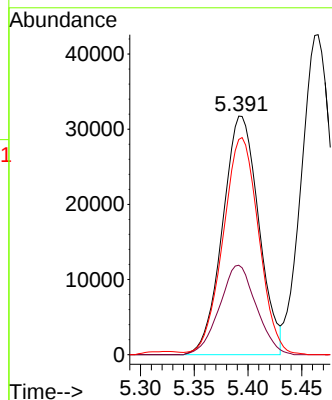
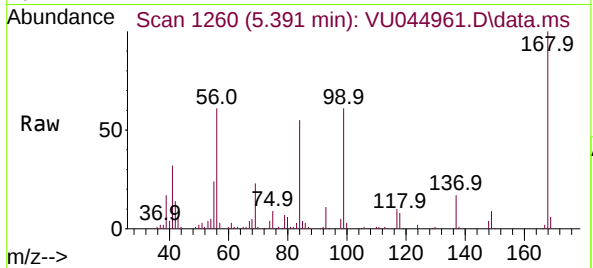




#31  
Cyclohexane  
Concen: 19.181 ug/l  
RT: 5.391 min Scan# 1260  
Delta R.T. 0.003 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

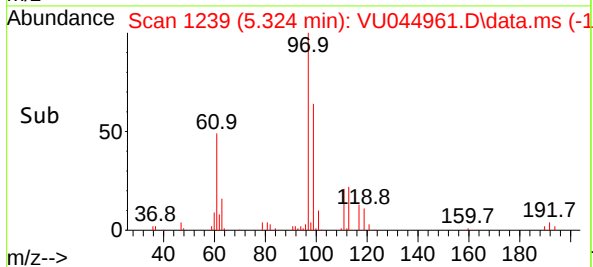
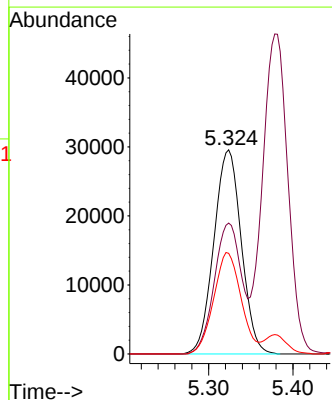
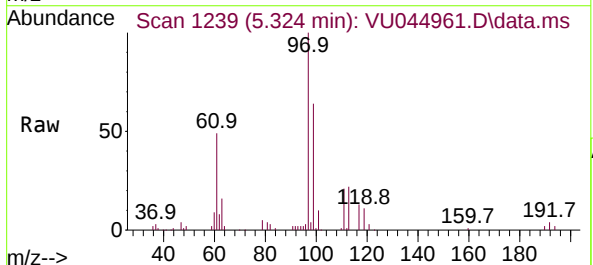
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

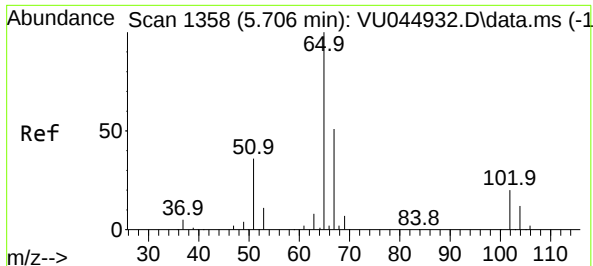
Tgt Ion: 56 Resp: 74231  
Ion Ratio Lower Upper  
56 100  
69 37.5 25.2 37.8  
84 89.2 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 20.418 ug/l  
RT: 5.324 min Scan# 1239  
Delta R.T. 0.007 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 97 Resp: 66832  
Ion Ratio Lower Upper  
97 100  
99 62.6 50.9 76.3  
61 49.7 40.7 61.1





#33

1,2-Dichloroethane-d4

Concen: 55.735 ug/l

RT: 5.706 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA\_U

ClientSampleId :

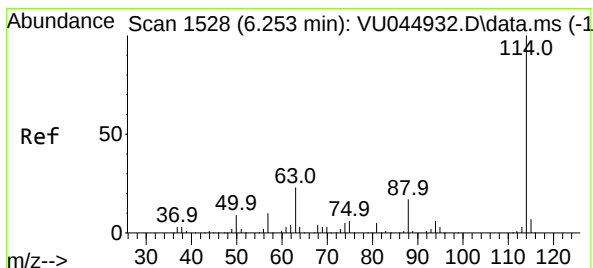
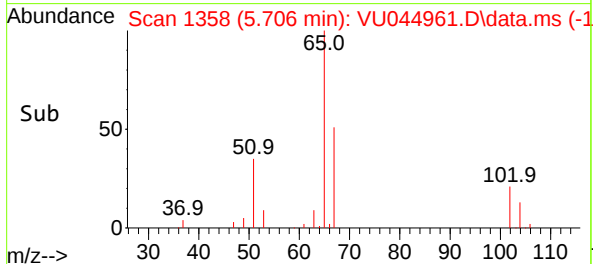
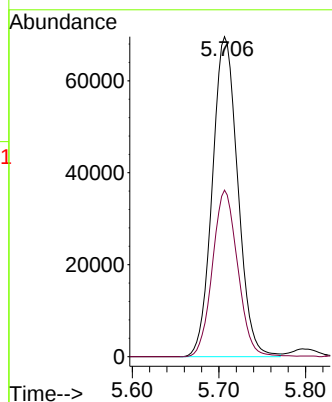
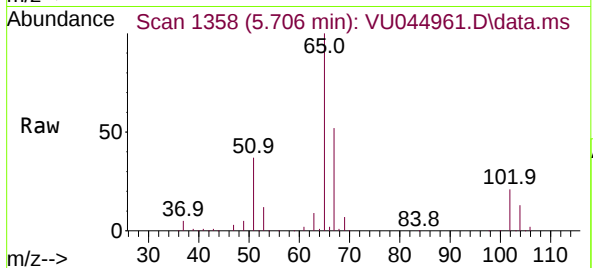
VU0928WBS03

Tgt Ion: 65 Resp: 141999

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

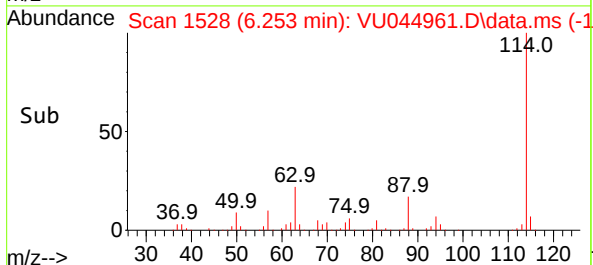
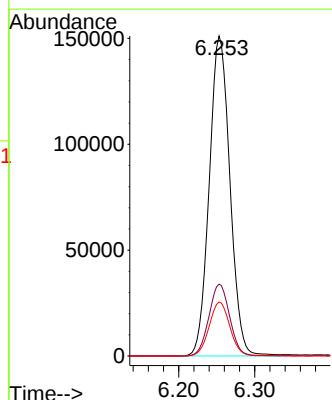
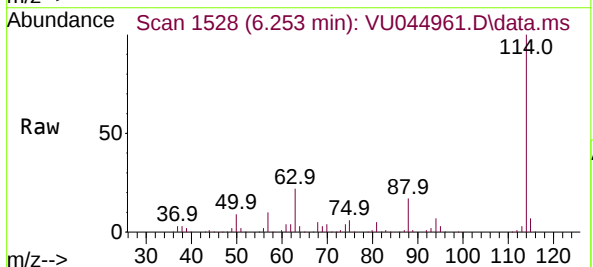
Tgt Ion: 114 Resp: 285611

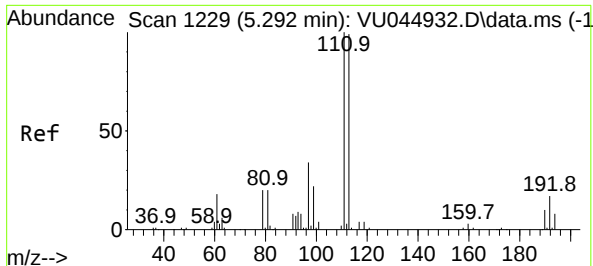
Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.8

88 16.9 0.0 32.8

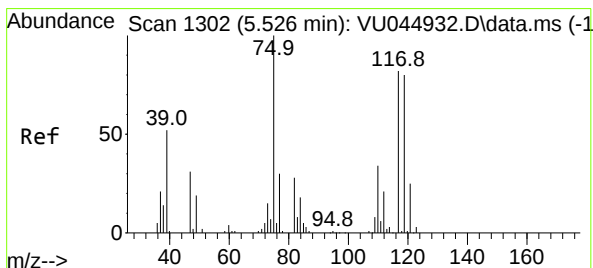
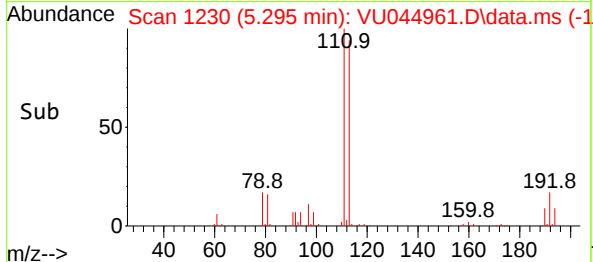
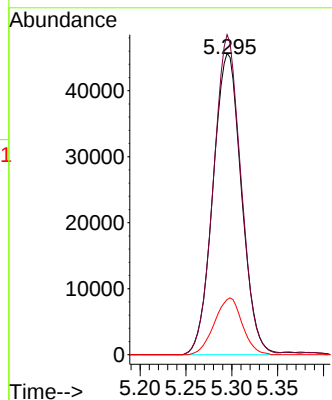
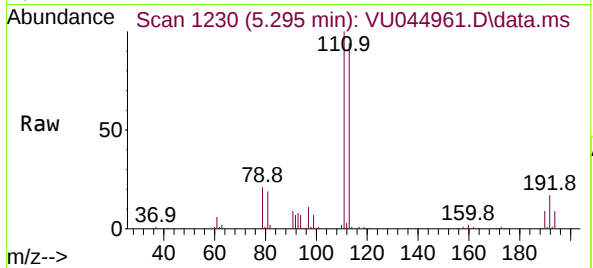




#35  
Dibromofluoromethane  
Concen: 54.636 ug/l  
RT: 5.295 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

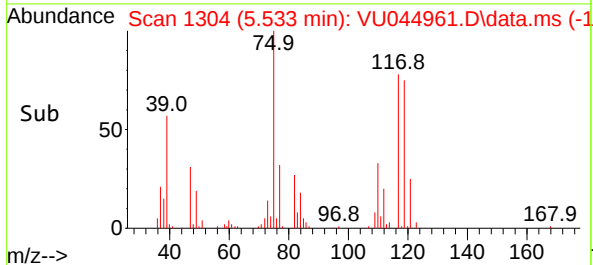
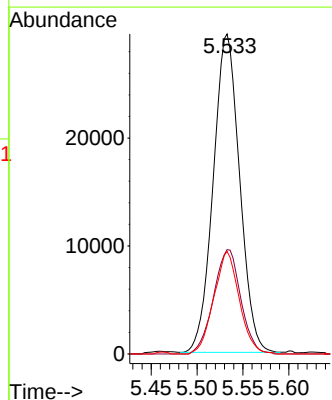
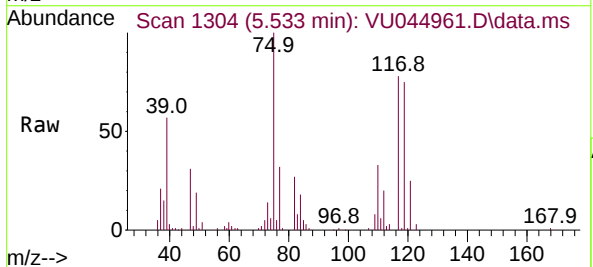
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

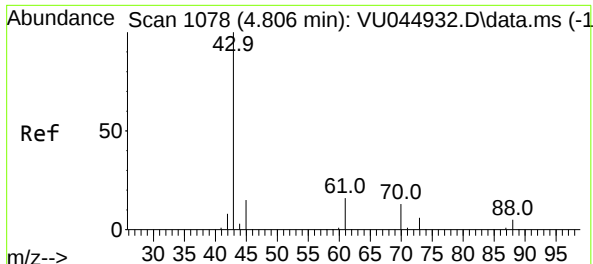
Tgt Ion:113 Resp: 98440  
Ion Ratio Lower Upper  
113 100  
111 102.8 84.1 126.1  
192 18.4 14.8 22.2



#36  
1,1-Dichloropropene  
Concen: 19.764 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. 0.007 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 75 Resp: 59031  
Ion Ratio Lower Upper  
75 100  
110 33.8 16.3 48.9  
77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 18.620 ug/l

RT: 4.809 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA\_U

ClientSampleId :

VU0928WBS03

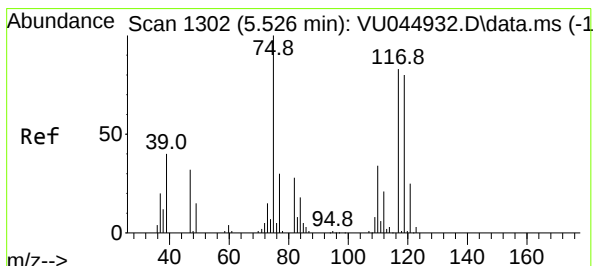
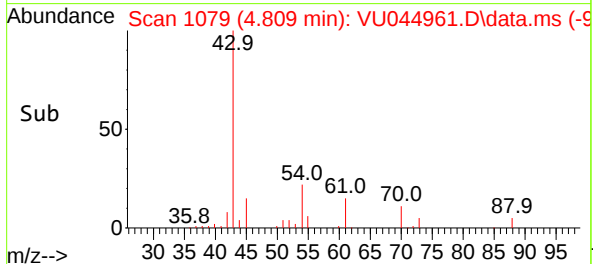
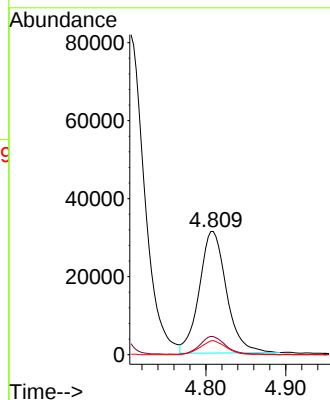
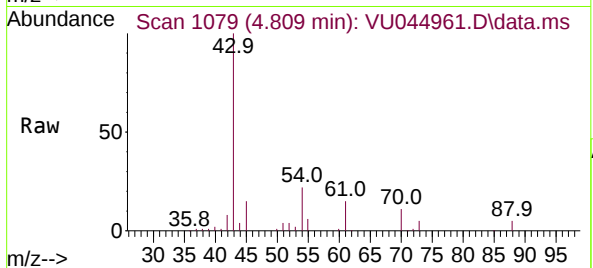
Tgt Ion: 43 Resp: 73586

Ion Ratio Lower Upper

43 100

61 14.6 10.9 16.3

70 10.8 8.2 12.4



#38

Carbon Tetrachloride

Concen: 19.717 ug/l

RT: 5.533 min Scan# 1304

Delta R.T. 0.007 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

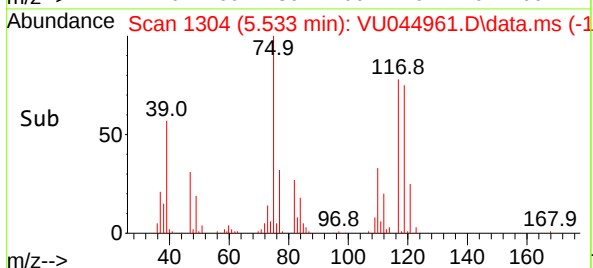
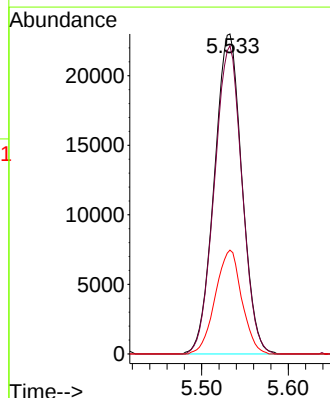
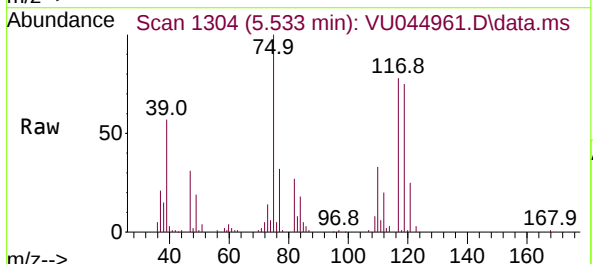
Tgt Ion: 117 Resp: 50960

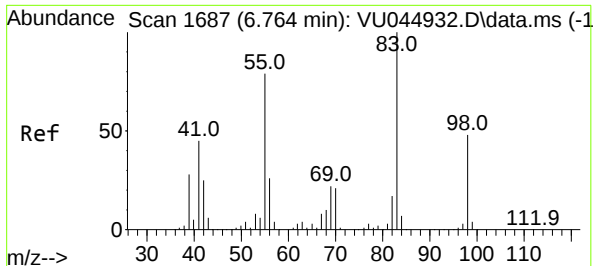
Ion Ratio Lower Upper

117 100

119 96.3 77.4 116.2

121 32.4 24.5 36.7





#39

Methylcyclohexane

Concen: 18.704 ug/l

RT: 6.767 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA\_U

ClientSampleId :

VU0928WBS03

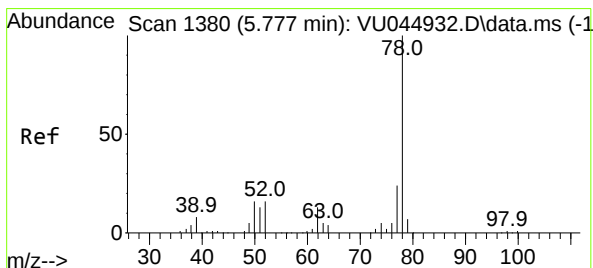
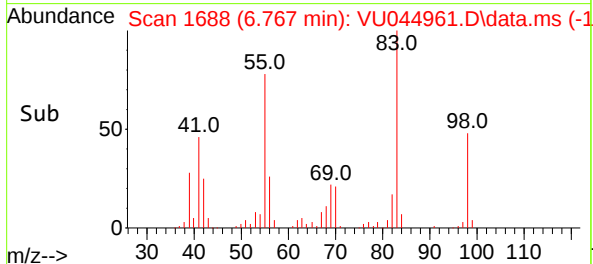
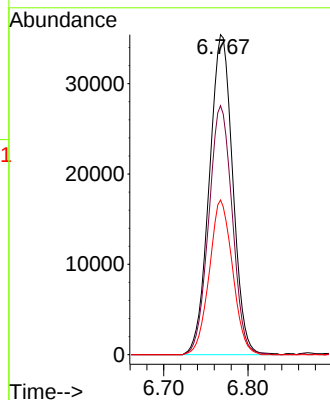
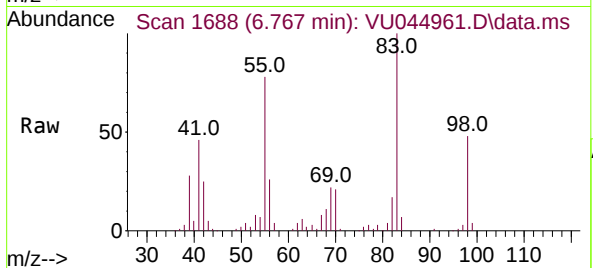
Tgt Ion: 83 Resp: 68580

Ion Ratio Lower Upper

83 100

55 77.8 66.2 99.4

98 48.4 37.5 56.3



#40

Benzene

Concen: 19.694 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.003 min

Lab File: VU044961.D

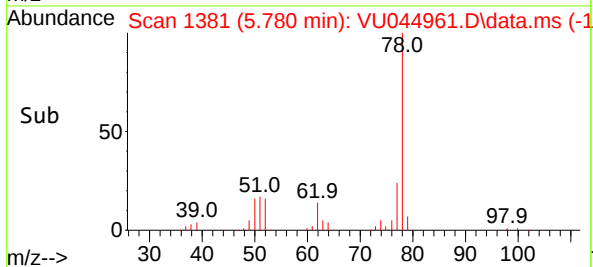
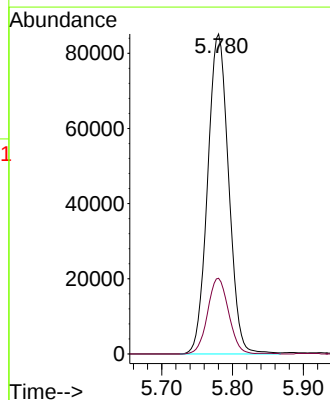
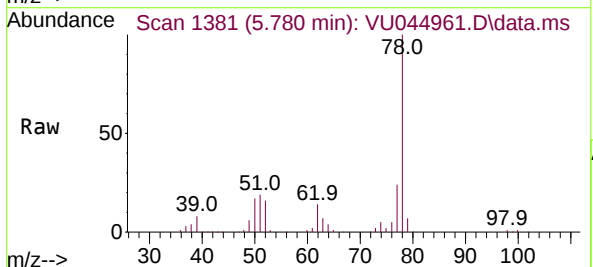
Acq: 28 Sep 2021 23:47

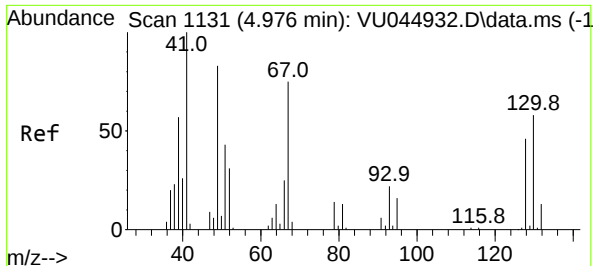
Tgt Ion: 78 Resp: 175195

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7

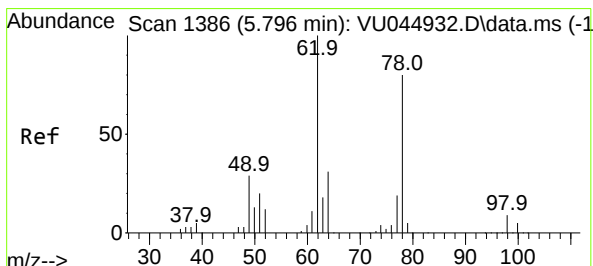
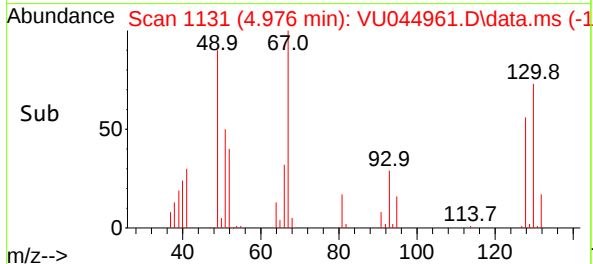
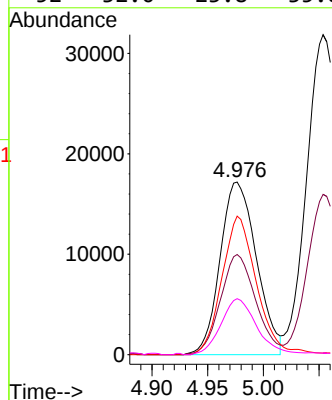
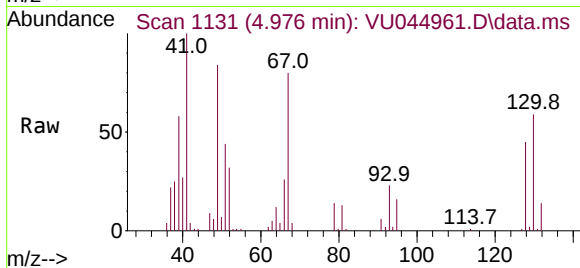




#41  
Methacrylonitrile  
Concen: 19.208 ug/l  
RT: 4.976 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

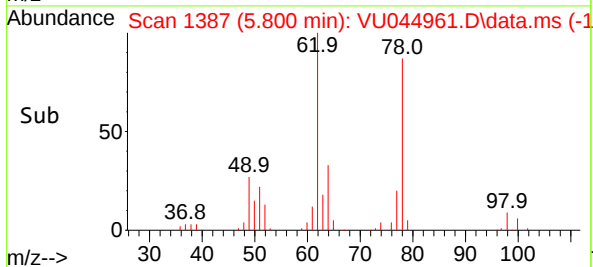
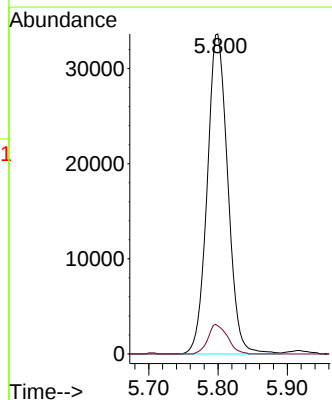
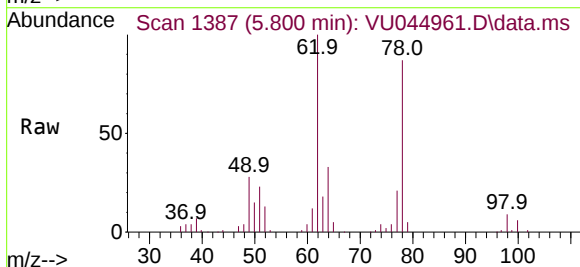
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

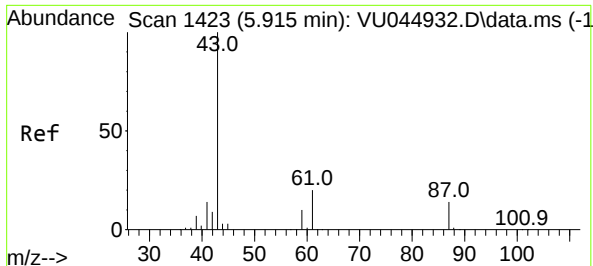
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 39078 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 56.6     | 44.4 66.6   |
| 67 76.6     | 58.1 87.1   |
| 52 32.0     | 23.8 35.8   |



#42  
1,2-Dichloroethane  
Concen: 19.824 ug/l  
RT: 5.800 min Scan# 1387  
Delta R.T. 0.004 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 69312 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 8.8      | 0.0 17.8    |

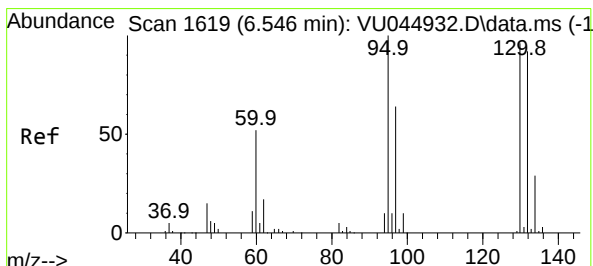
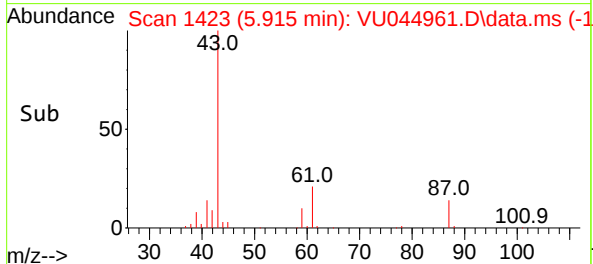
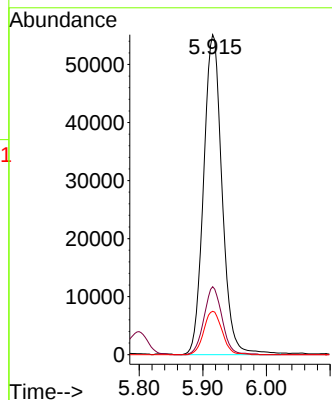
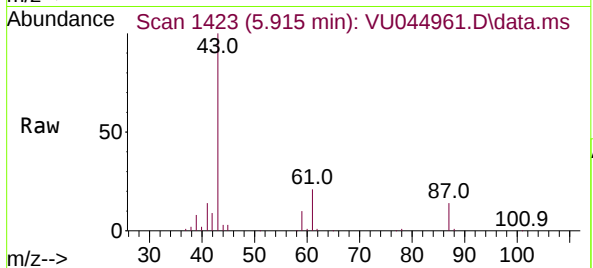




#43  
Isopropyl Acetate  
Concen: 18.721 ug/l  
RT: 5.915 min Scan# 1423  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

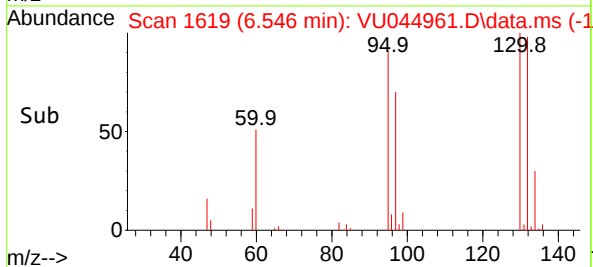
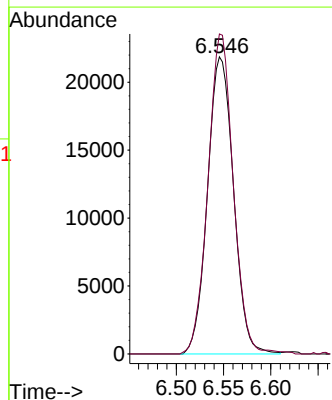
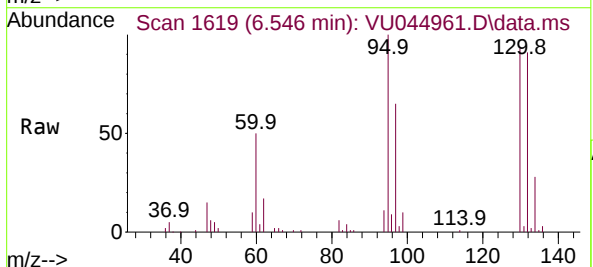
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

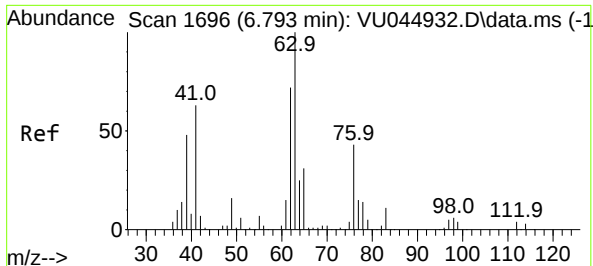
Tgt Ion: 43 Resp: 111307  
Ion Ratio Lower Upper  
43 100  
61 20.8 16.1 24.1  
87 13.4 10.3 15.5



#44  
Trichloroethene  
Concen: 19.971 ug/l  
RT: 6.546 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion:130 Resp: 41887  
Ion Ratio Lower Upper  
130 100  
95 107.7 0.0 209.0





#45

1,2-Dichloropropane

Concen: 19.524 ug/l

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA\_U

ClientSampleId :

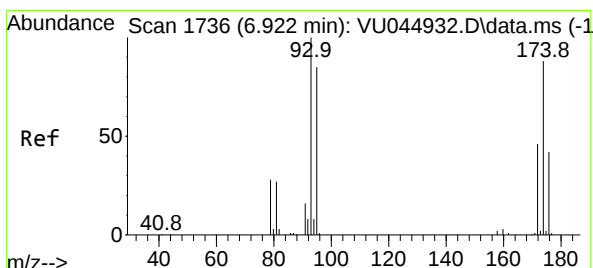
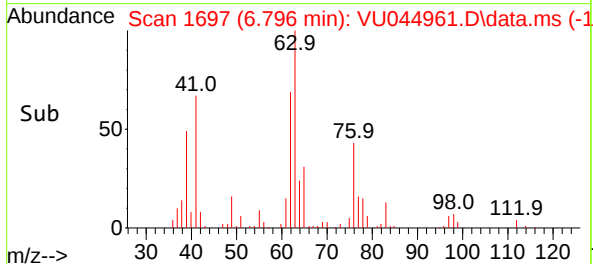
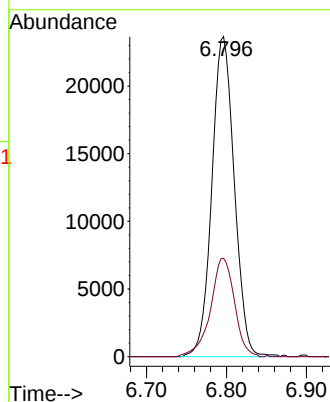
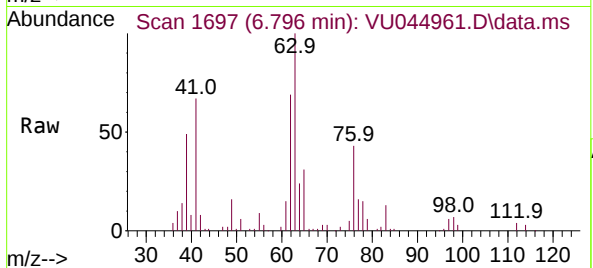
VU0928WBS03

Tgt Ion: 63 Resp: 46047

Ion Ratio Lower Upper

63 100

65 30.7 23.9 35.9



#46

Dibromomethane

Concen: 19.785 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

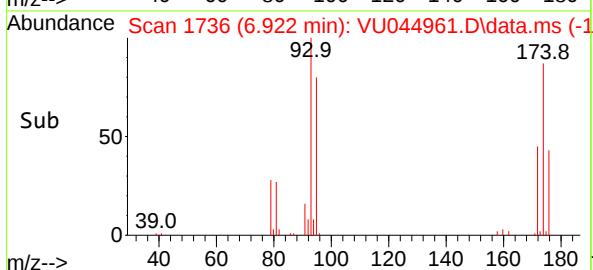
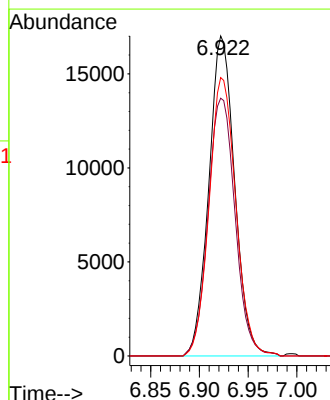
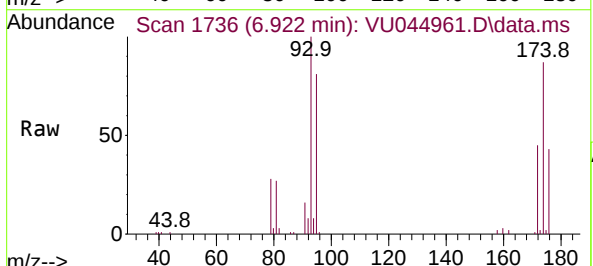
Tgt Ion: 93 Resp: 31435

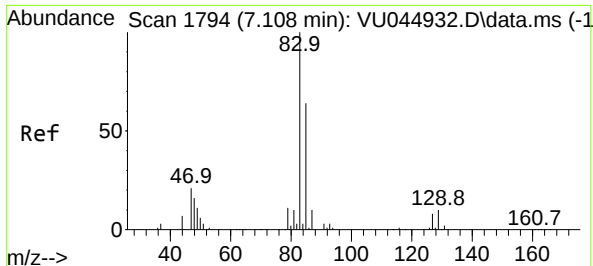
Ion Ratio Lower Upper

93 100

95 84.2 65.6 98.4

174 89.8 70.7 106.1

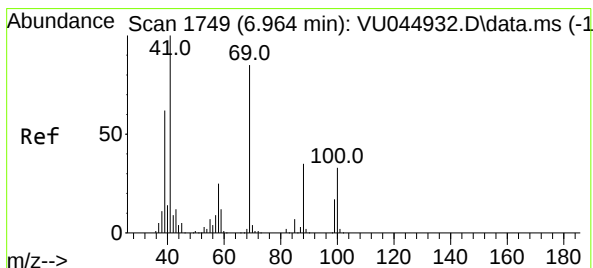
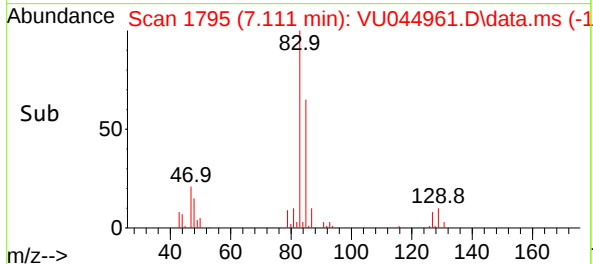
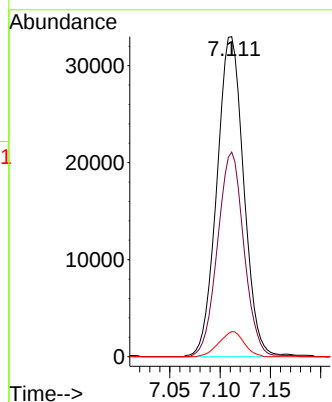
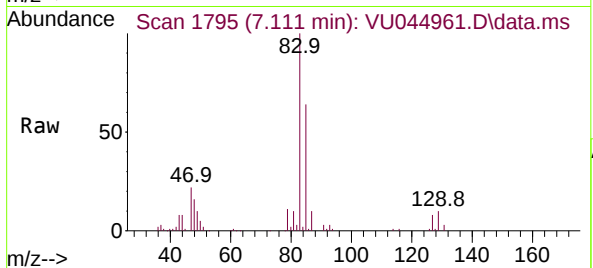




#47  
Bromodichloromethane  
Concen: 19.866 ug/l  
RT: 7.111 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

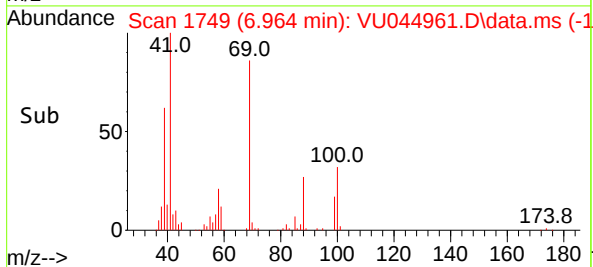
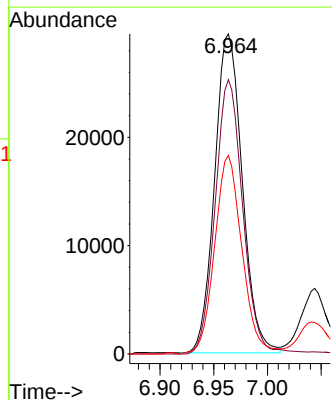
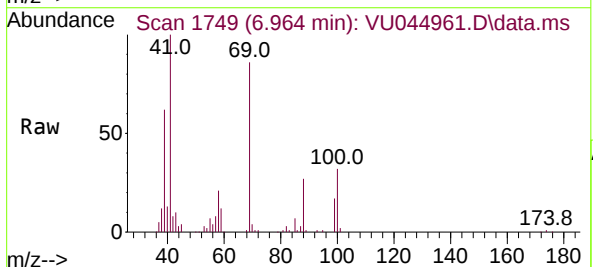
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

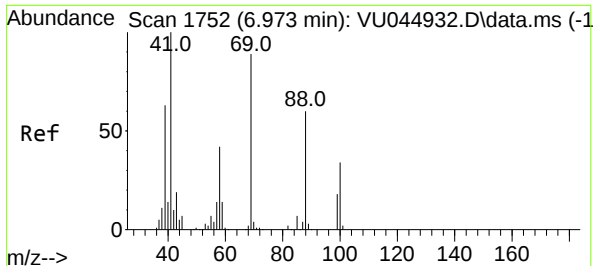
Tgt Ion: 83 Resp: 61285  
Ion Ratio Lower Upper  
83 100  
85 64.0 51.6 77.4  
127 7.8 6.2 9.4



#48  
Methyl methacrylate  
Concen: 18.219 ug/l  
RT: 6.964 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 41 Resp: 52726  
Ion Ratio Lower Upper  
41 100  
69 85.9 65.6 98.4  
39 61.5 46.2 69.4





#49

1,4-Dioxane

Concen: 207.045 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. -0.006 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA\_U

ClientSampleId :

VU0928WBS03

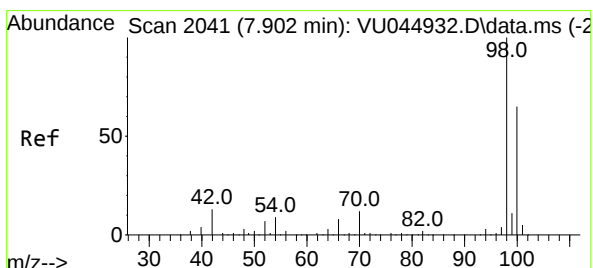
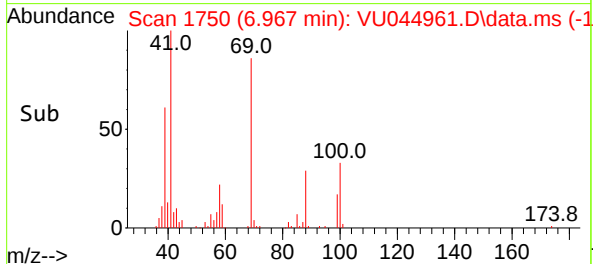
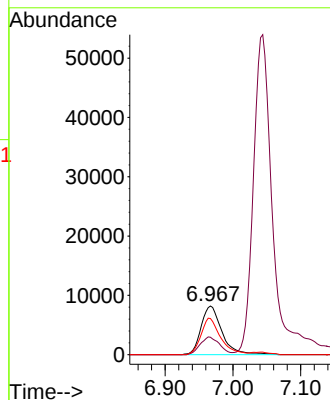
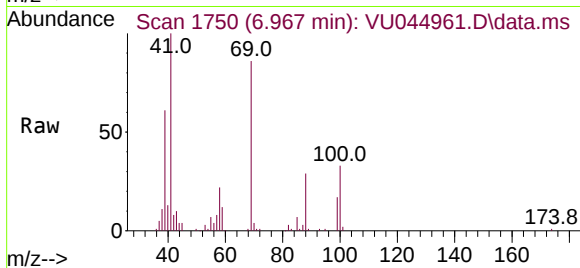
Tgt Ion: 88 Resp: 17609

Ion Ratio Lower Upper

88 100

43 34.0 25.8 38.6

58 70.0 61.3 91.9



#50

Toluene-d8

Concen: 55.197 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VU044961.D

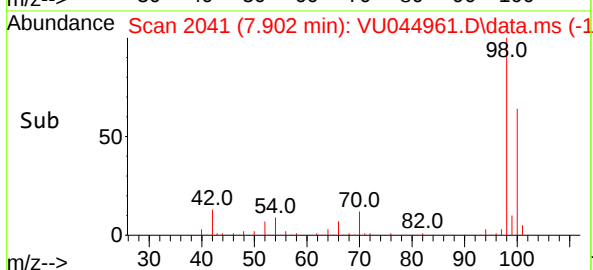
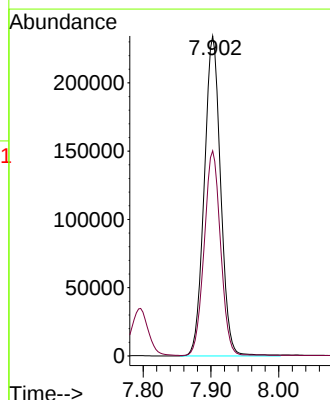
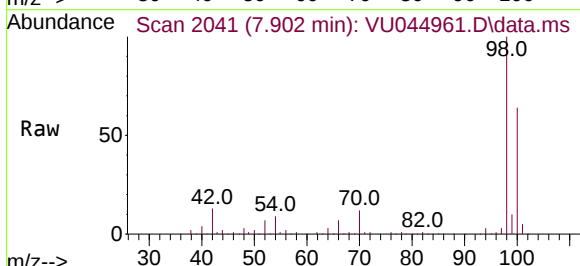
Acq: 28 Sep 2021 23:47

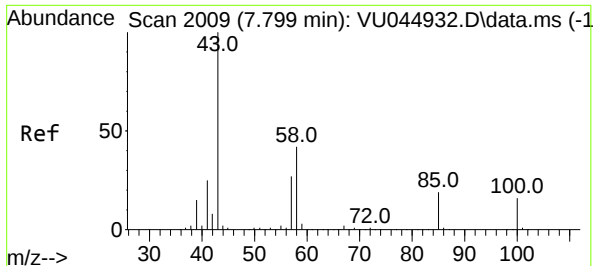
Tgt Ion: 98 Resp: 392945

Ion Ratio Lower Upper

98 100

100 63.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 86.343 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.006 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA\_U

ClientSampleId :

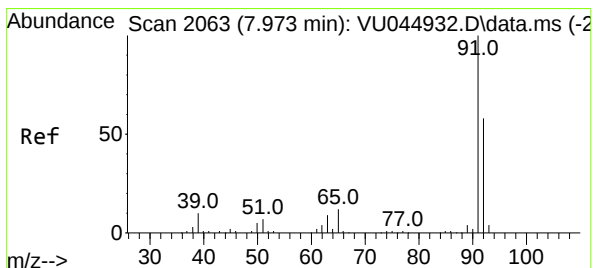
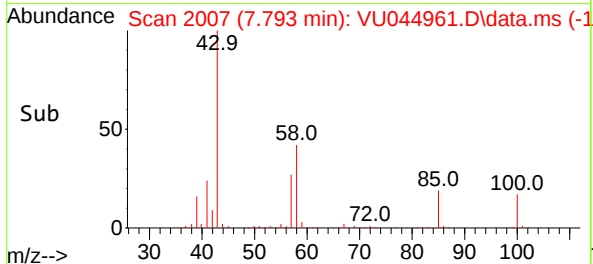
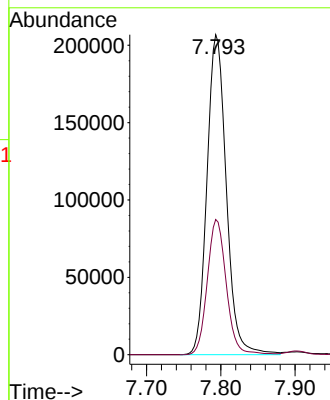
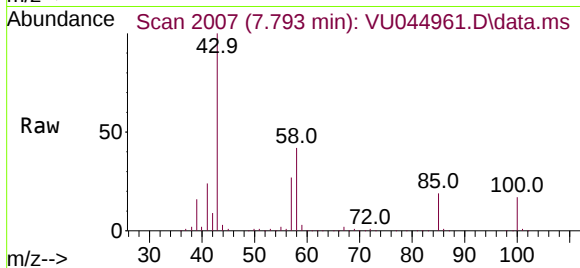
VU0928WBS03

Tgt Ion: 43 Resp: 373722

Ion Ratio Lower Upper

43 100

58 41.5 32.4 48.6



#52

Toluene

Concen: 19.822 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU044961.D

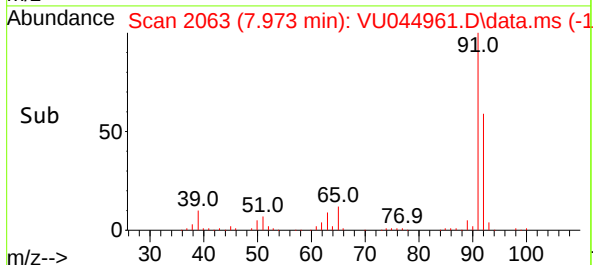
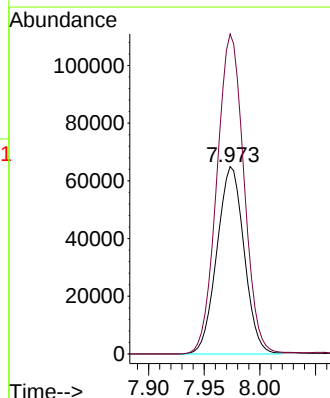
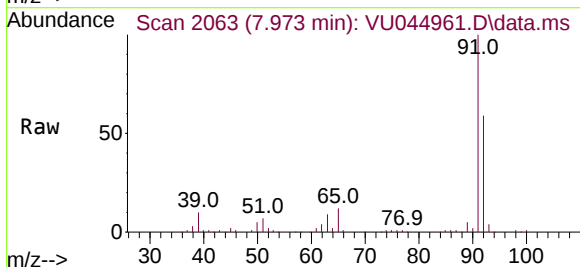
Acq: 28 Sep 2021 23:47

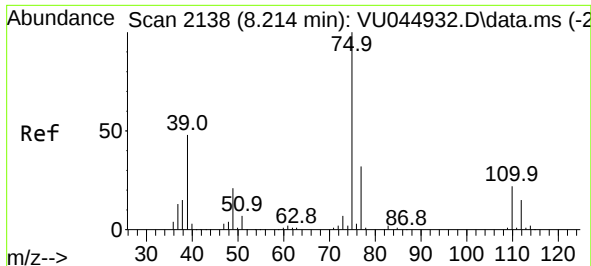
Tgt Ion: 92 Resp: 110361

Ion Ratio Lower Upper

92 100

91 170.7 136.9 205.3

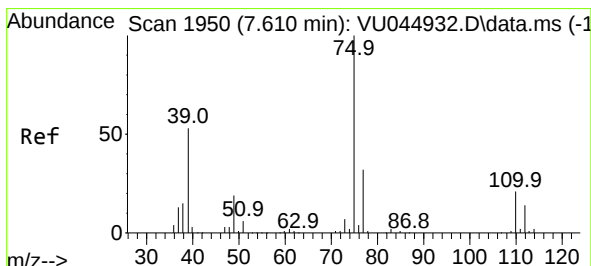
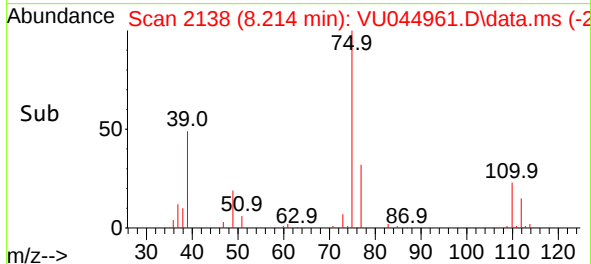
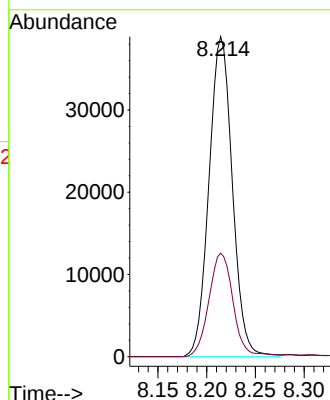
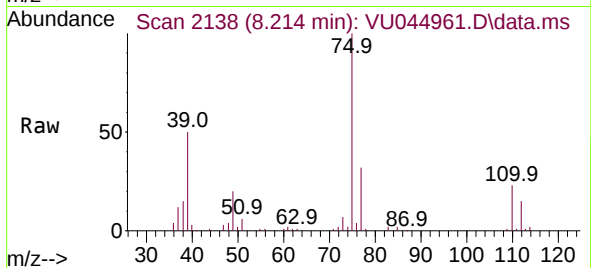




#53  
 t-1,3-Dichloropropene  
 Concen: 18.387 ug/l  
 RT: 8.214 min Scan# 2138  
 Delta R.T. 0.000 min  
 Lab File: VU044961.D  
 Acq: 28 Sep 2021 23:47

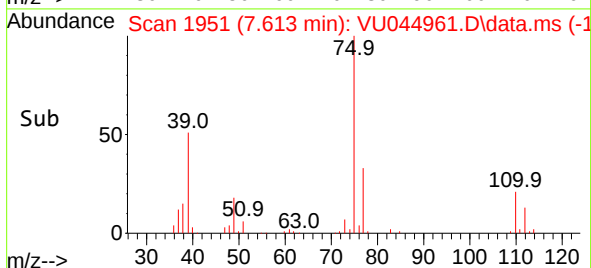
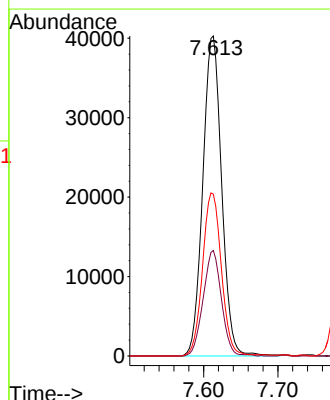
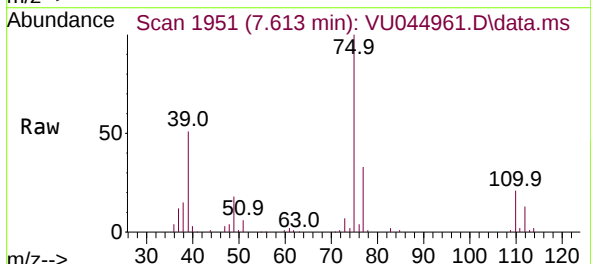
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0928WBS03

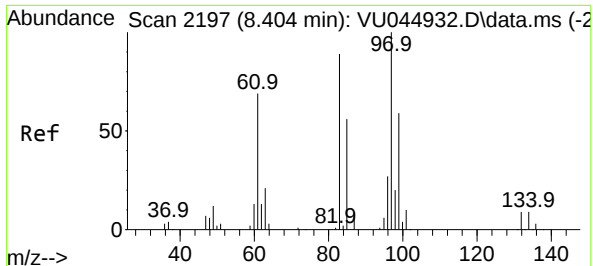
Tgt Ion: 75 Resp: 64864  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.332 ug/l  
 RT: 7.613 min Scan# 1951  
 Delta R.T. 0.003 min  
 Lab File: VU044961.D  
 Acq: 28 Sep 2021 23:47

Tgt Ion: 75 Resp: 71038  
 Ion Ratio Lower Upper  
 75 100  
 77 33.0 25.0 37.6  
 39 50.6 41.4 62.2

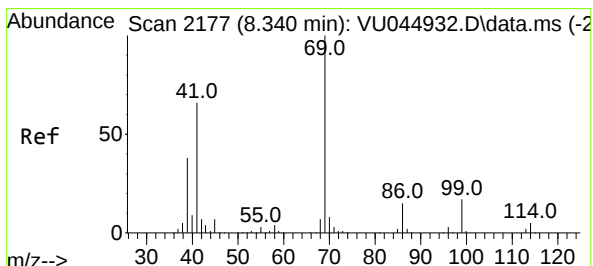
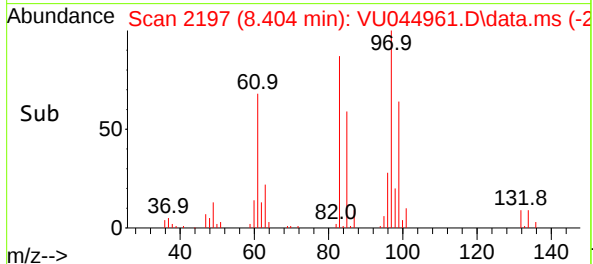
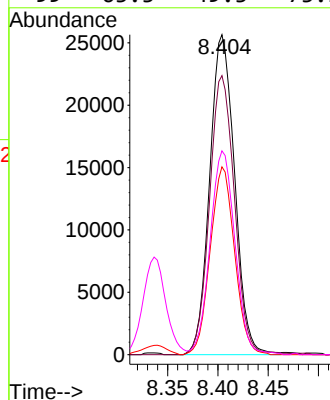
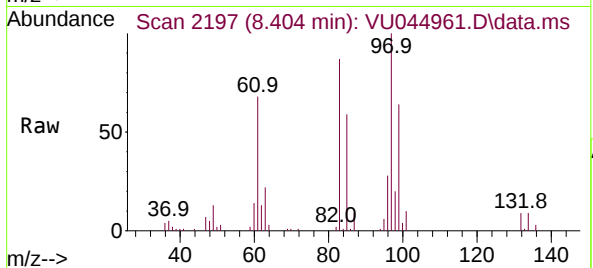




#55  
1,1,2-Trichloroethane  
Concen: 19.098 ug/l  
RT: 8.404 min Scan# 2197  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

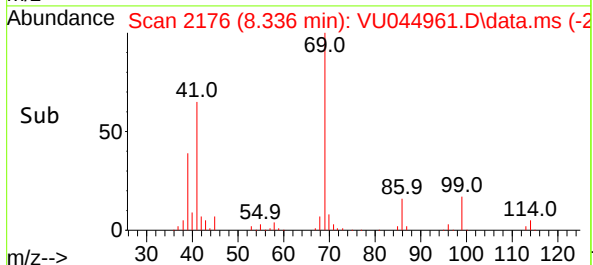
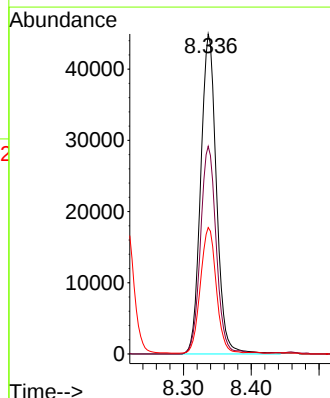
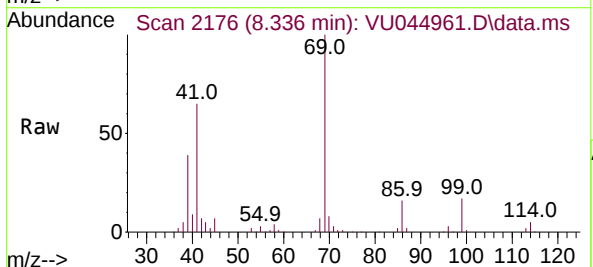
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

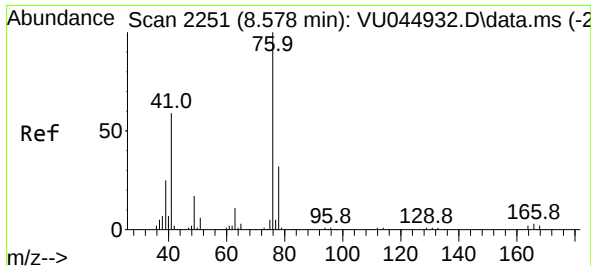
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 44303 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.2  | 69.7  | 104.5 |
| 85       | 58.7  | 44.8  | 67.2  |
| 99       | 63.3  | 49.3  | 73.9  |



#56  
Ethyl methacrylate  
Concen: 17.308 ug/l  
RT: 8.336 min Scan# 2176  
Delta R.T. -0.004 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 72398 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.5  | 53.5  | 80.3  |
| 39       | 39.4  | 31.1  | 46.7  |





#57

1,3-Dichloropropane

Concen: 19.485 ug/l

RT: 8.581 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA\_U

ClientSampleId :

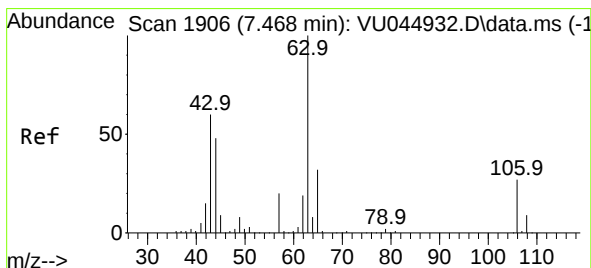
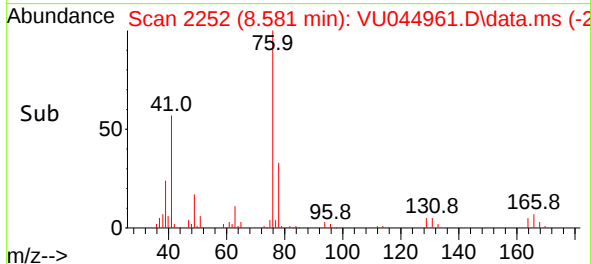
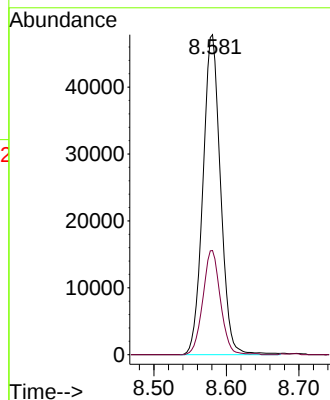
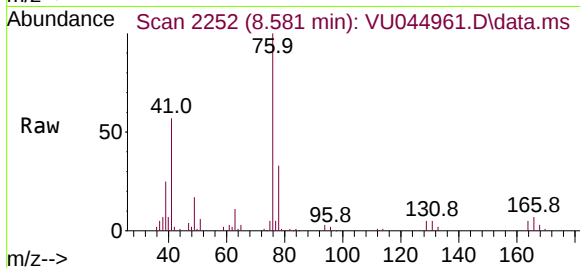
VU0928WBS03

Tgt Ion: 76 Resp: 80672

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 77.529 ug/l

RT: 7.468 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VU044961.D

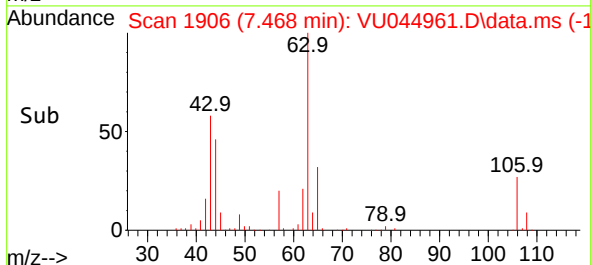
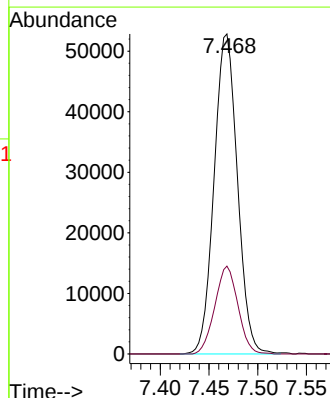
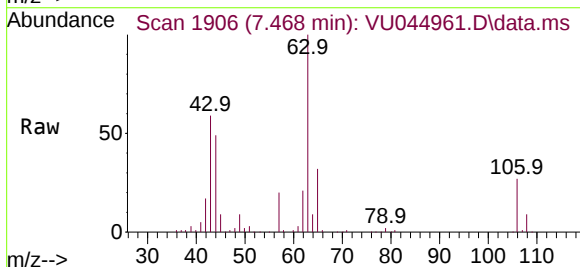
Acq: 28 Sep 2021 23:47

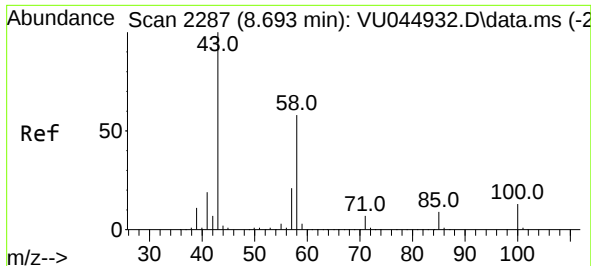
Tgt Ion: 63 Resp: 87814

Ion Ratio Lower Upper

63 100

106 27.2 20.5 30.7

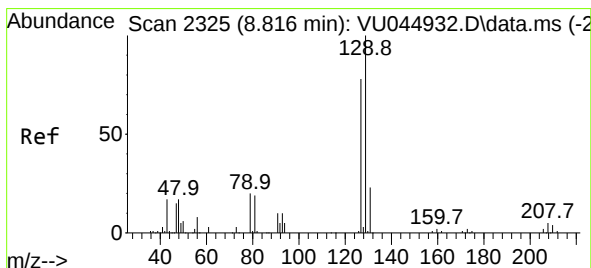
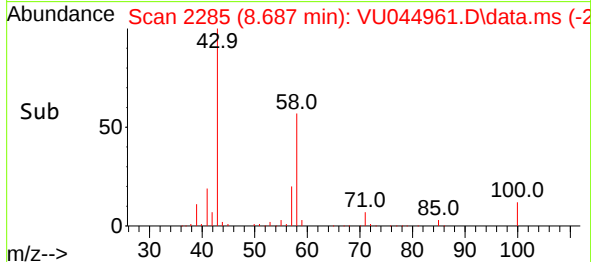
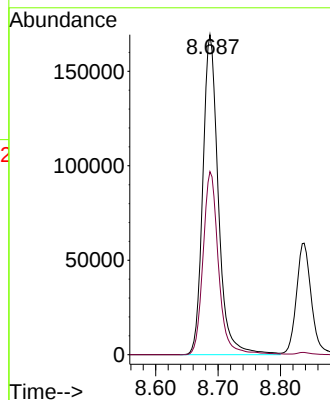
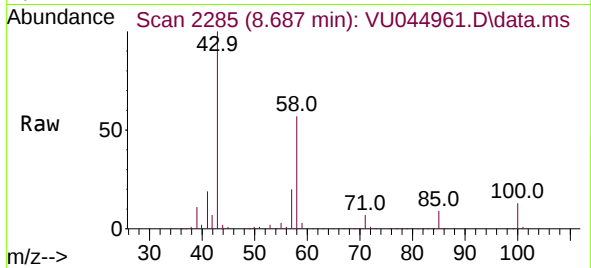




#59  
2-Hexanone  
Concen: 83.140 ug/l  
RT: 8.687 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

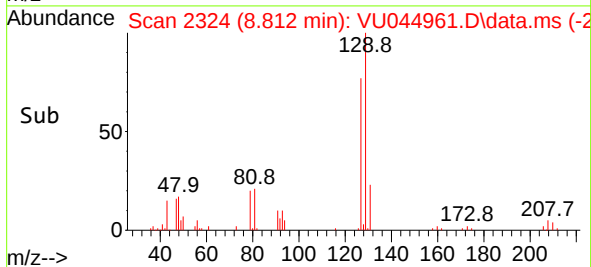
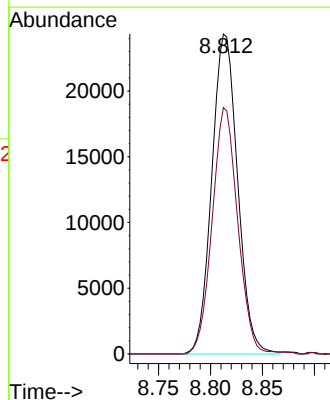
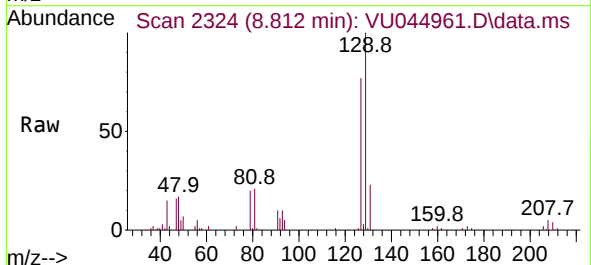
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

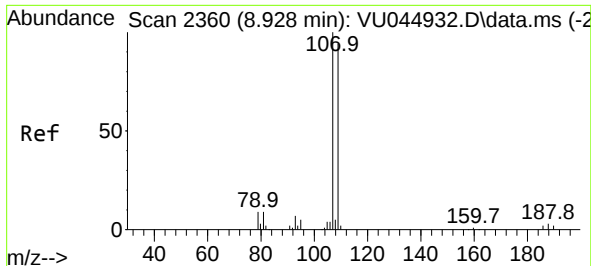
Tgt Ion: 43 Resp: 293046  
Ion Ratio Lower Upper  
43 100  
58 57.2 28.0 84.0



#60  
Dibromochloromethane  
Concen: 18.531 ug/l  
RT: 8.812 min Scan# 2324  
Delta R.T. -0.004 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 129 Resp: 42058  
Ion Ratio Lower Upper  
129 100  
127 76.1 39.0 117.0

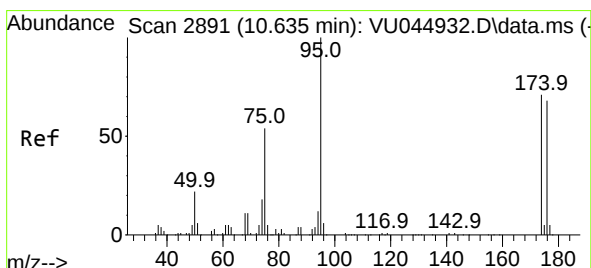
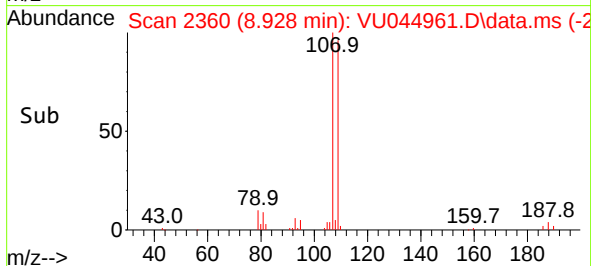
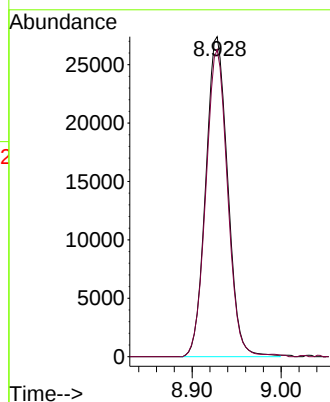
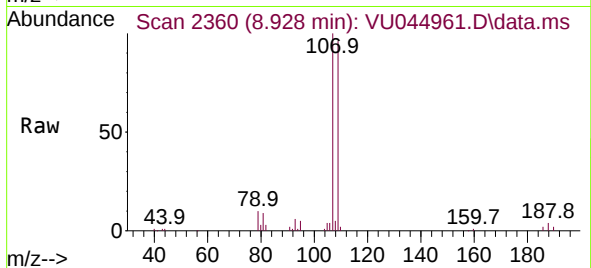




#61  
1,2-Dibromoethane  
Concen: 19.006 ug/l  
RT: 8.928 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

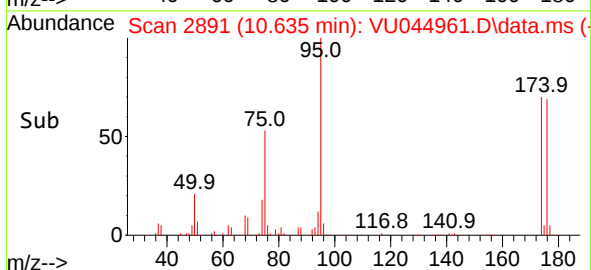
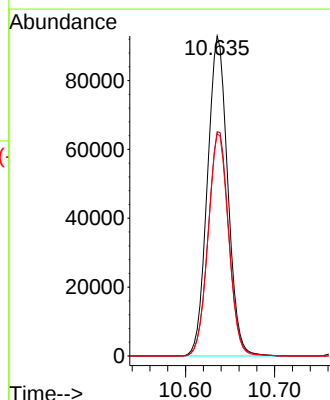
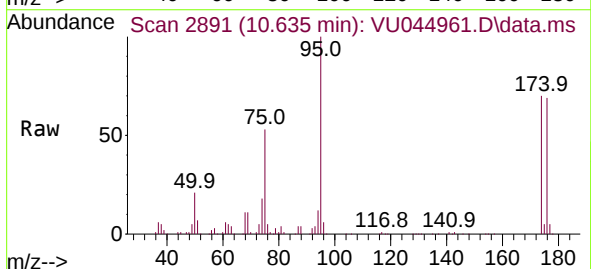
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

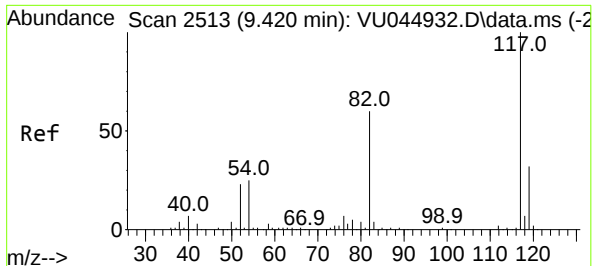
Tgt Ion:107 Resp: 46866  
Ion Ratio Lower Upper  
107 100  
109 94.9 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 49.961 ug/l  
RT: 10.635 min Scan# 2891  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 95 Resp: 146839  
Ion Ratio Lower Upper  
95 100  
174 71.3 0.0 146.6  
176 69.7 0.0 141.2

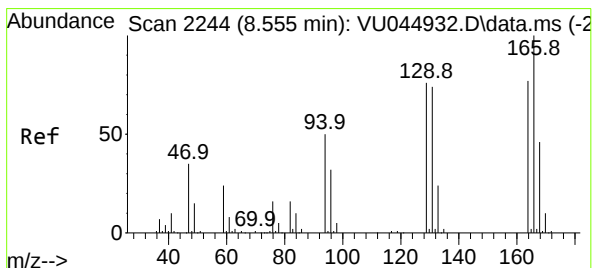
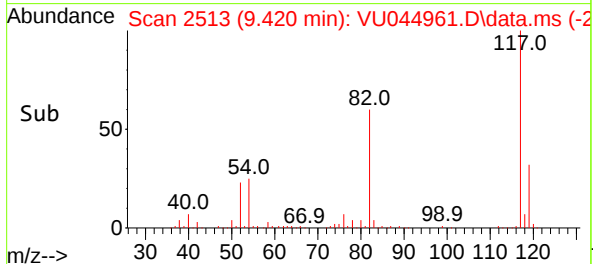
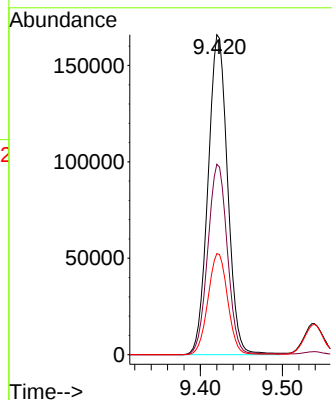
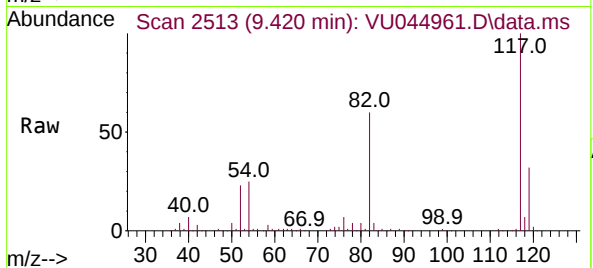




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

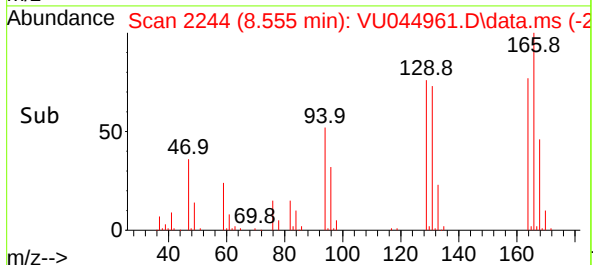
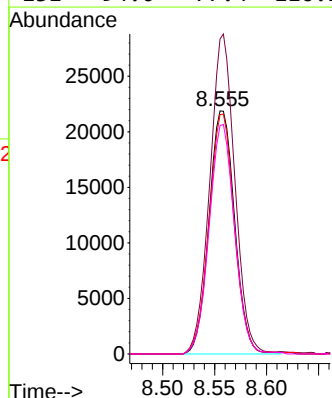
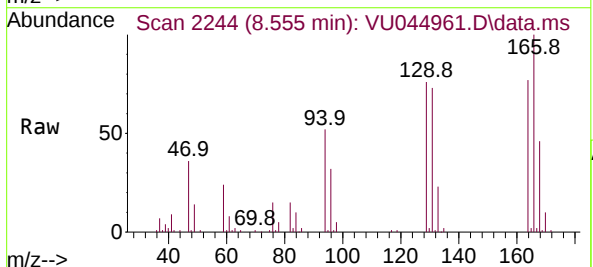
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

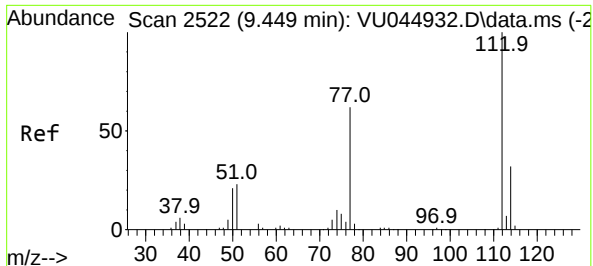
Tgt Ion:117 Resp: 274687  
Ion Ratio Lower Upper  
117 100  
82 59.5 47.8 71.8  
119 31.6 25.8 38.6



#64  
Tetrachloroethene  
Concen: 20.888 ug/l  
RT: 8.555 min Scan# 2244  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion:164 Resp: 37448  
Ion Ratio Lower Upper  
164 100  
166 129.6 102.8 154.2  
129 98.5 79.4 119.2  
131 94.0 77.4 116.2

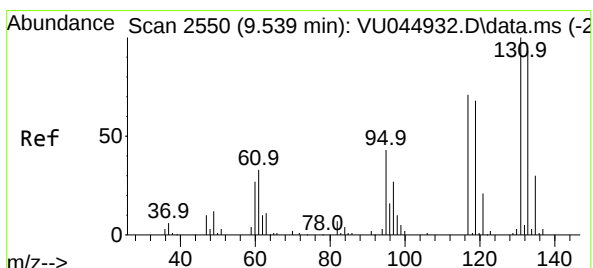
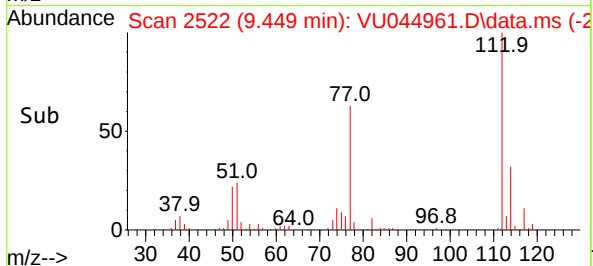
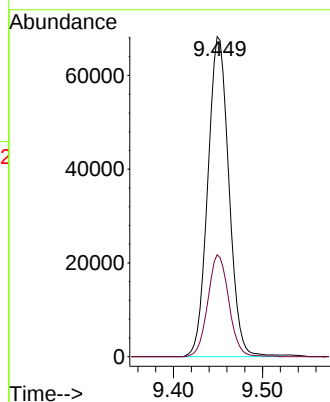
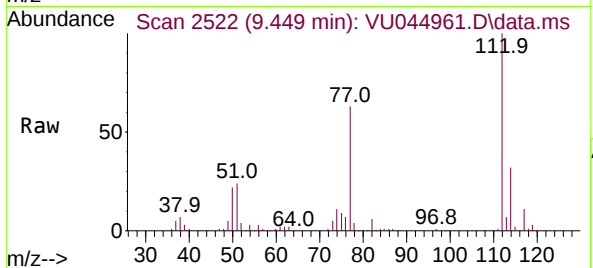




#65  
Chlorobenzene  
Concen: 19.491 ug/l  
RT: 9.449 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

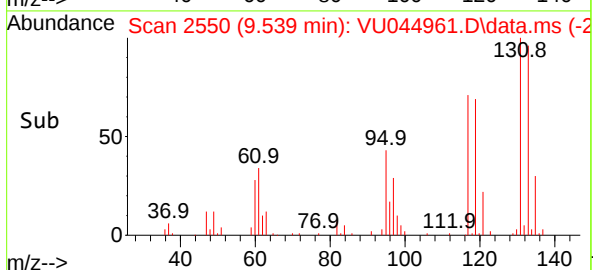
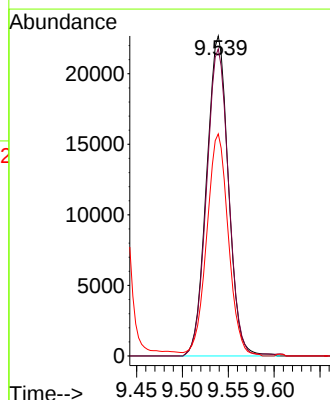
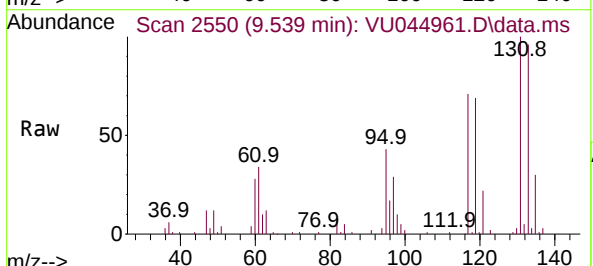
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

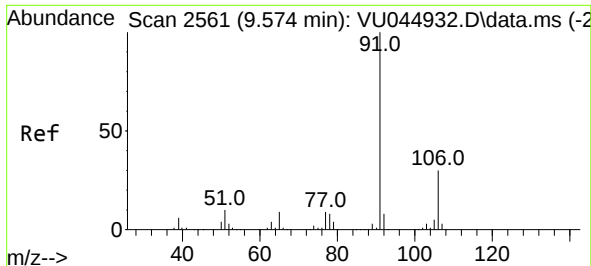
Tgt Ion:112 Resp: 112247  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.705 ug/l  
RT: 9.539 min Scan# 2550  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion:131 Resp: 37608  
Ion Ratio Lower Upper  
131 100  
133 96.6 48.1 144.3  
119 68.9 34.1 102.3





#67

Ethyl Benzene

Concen: 19.793 ug/l

RT: 9.574 min Scan# 2561

Delta R.T. 0.000 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA\_U

ClientSampleId :

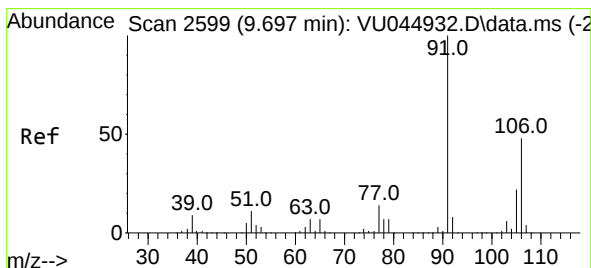
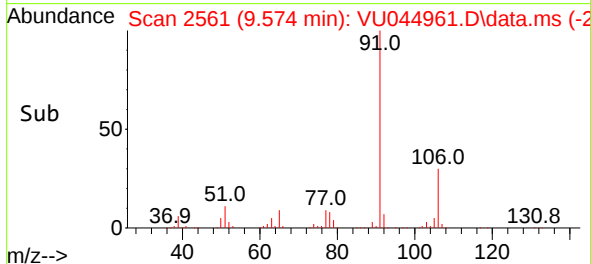
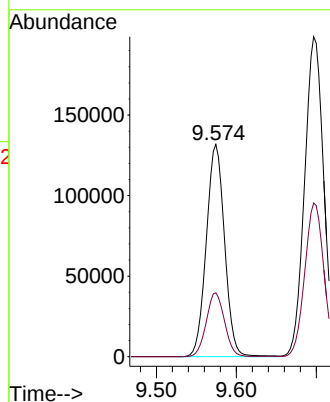
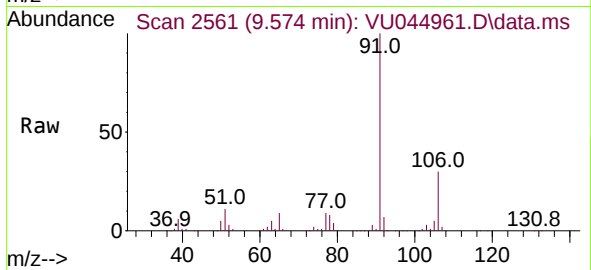
VU0928WBS03

Tgt Ion: 91 Resp: 209760

Ion Ratio Lower Upper

91 100

106 30.1 24.3 36.5



#68

m/p-Xylenes

Concen: 38.803 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU044961.D

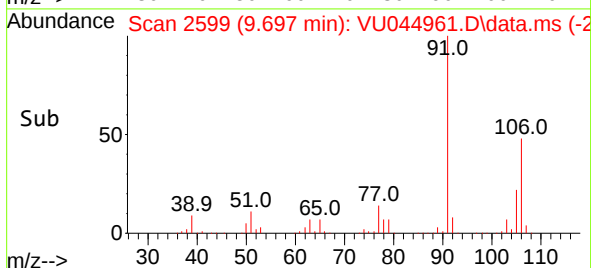
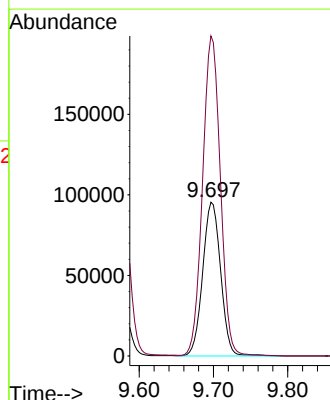
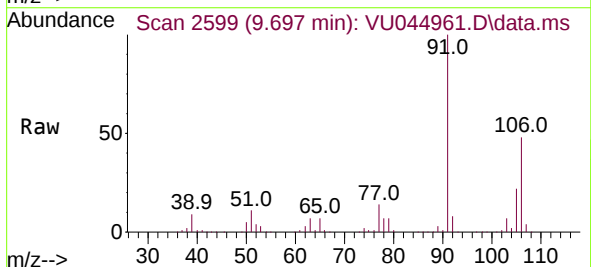
Acq: 28 Sep 2021 23:47

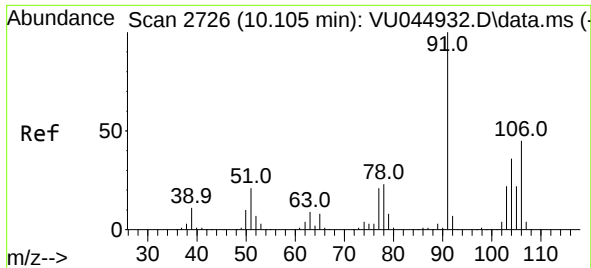
Tgt Ion: 106 Resp: 159756

Ion Ratio Lower Upper

106 100

91 207.5 164.2 246.2

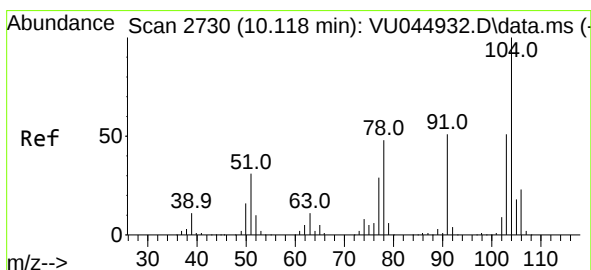
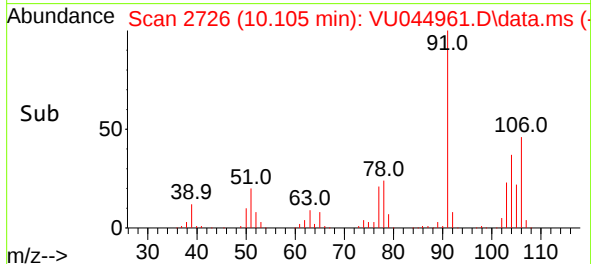
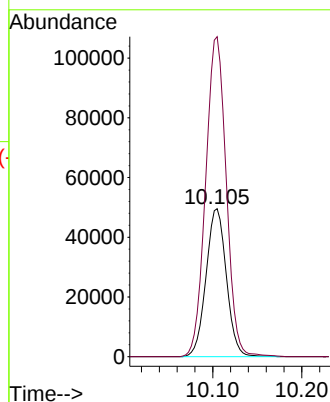
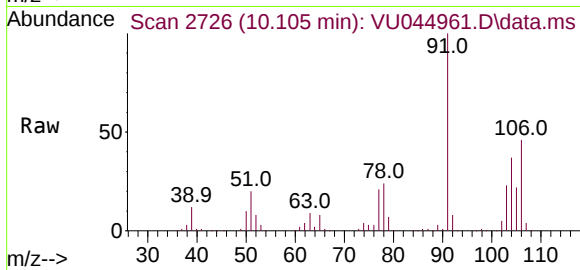




#69  
o-Xylene  
Concen: 19.201 ug/l  
RT: 10.105 min Scan# 2726  
Delta R.T. -0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

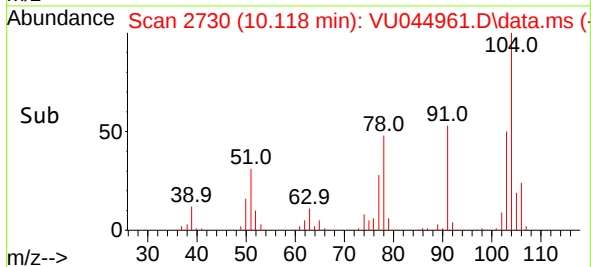
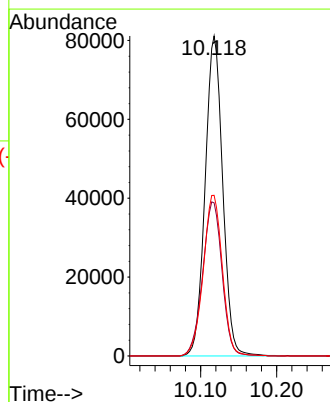
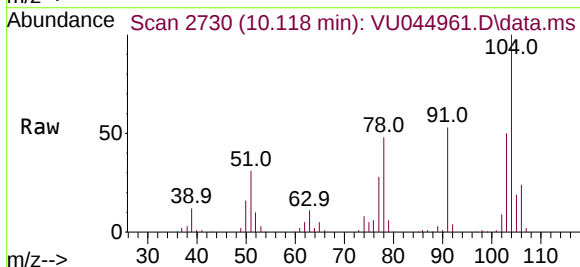
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

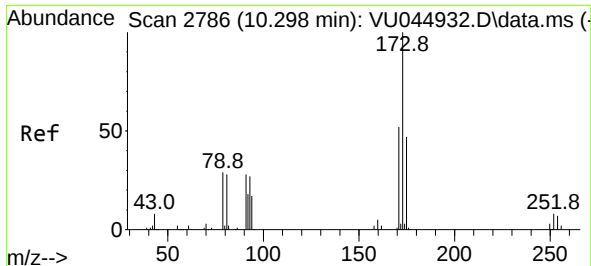
Tgt Ion:106 Resp: 78460  
Ion Ratio Lower Upper  
106 100  
91 219.4 108.9 326.7



#70  
Styrene  
Concen: 18.988 ug/l  
RT: 10.118 min Scan# 2730  
Delta R.T. -0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion:104 Resp: 130162  
Ion Ratio Lower Upper  
104 100  
78 53.1 41.4 62.0  
103 54.6 43.5 65.3

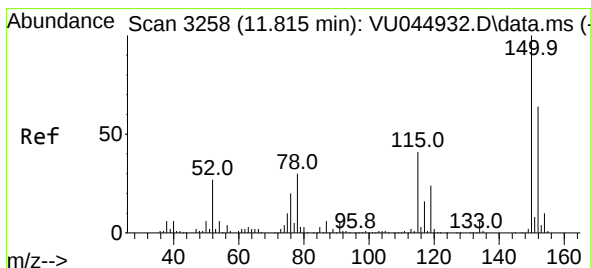
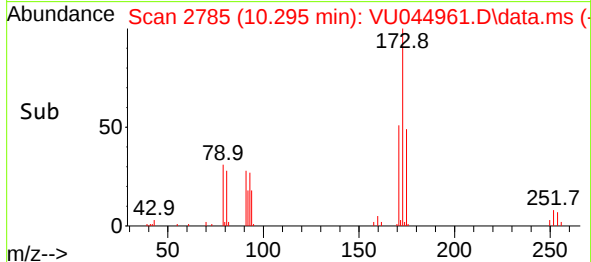
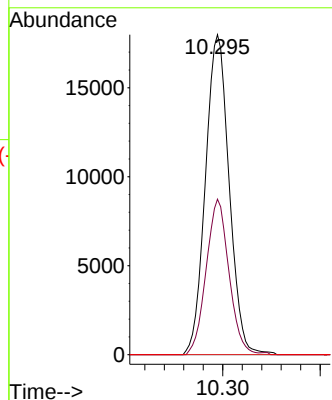
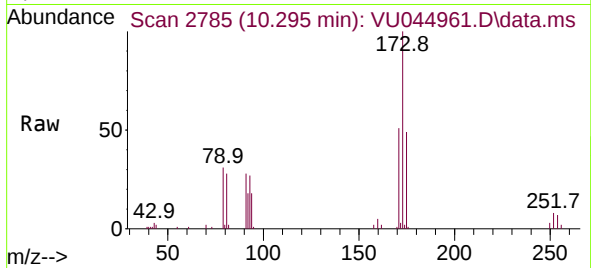




#71  
Bromoform  
Concen: 16.505 ug/l  
RT: 10.295 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

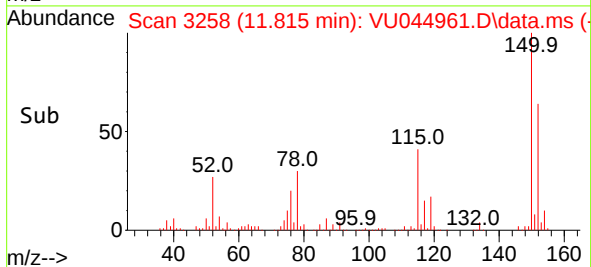
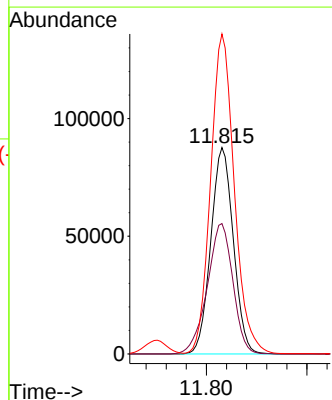
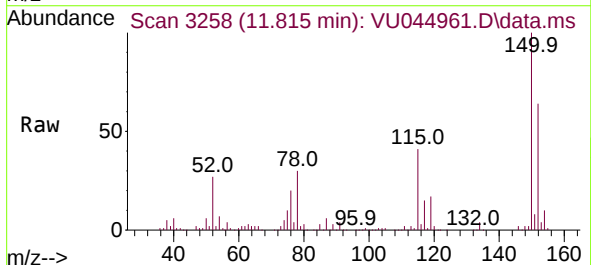
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

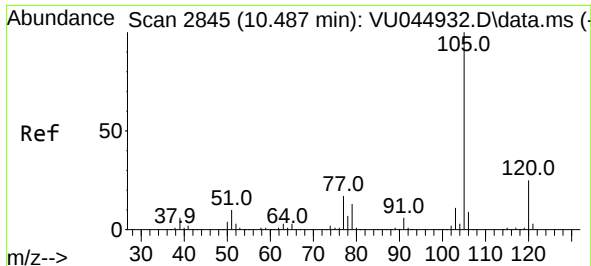
Tgt Ion:173 Resp: 30337  
Ion Ratio Lower Upper  
173 100  
175 46.9 24.3 73.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.815 min Scan# 3258  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion:152 Resp: 136512  
Ion Ratio Lower Upper  
152 100  
115 71.6 43.5 130.7  
150 163.2 0.0 350.0

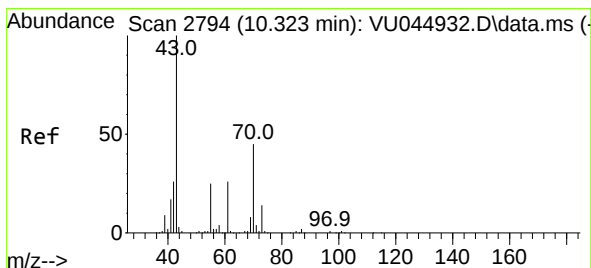
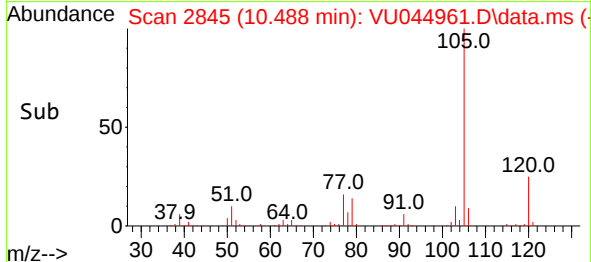
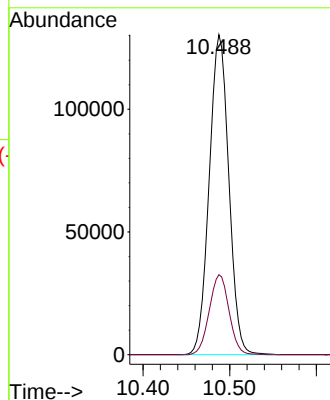
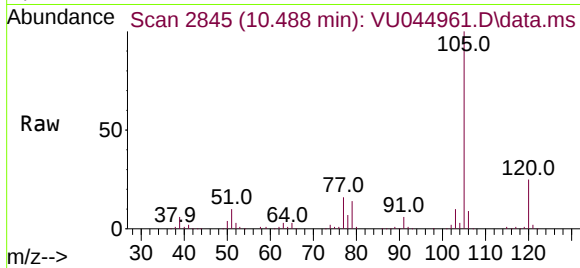




#73  
Isopropylbenzene  
Concen: 20.173 ug/l  
RT: 10.488 min Scan# 2845  
Delta R.T. 0.001 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

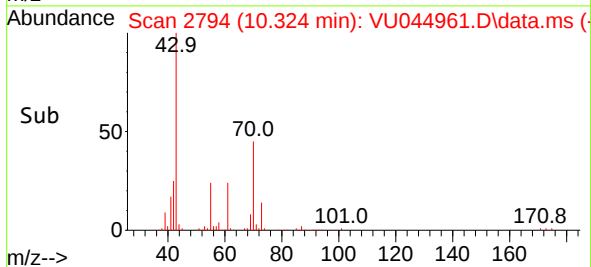
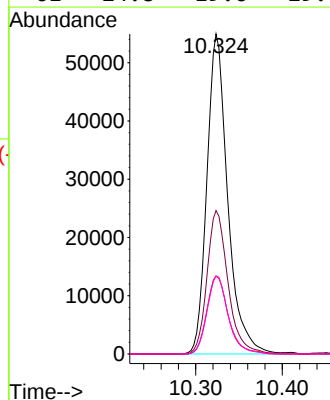
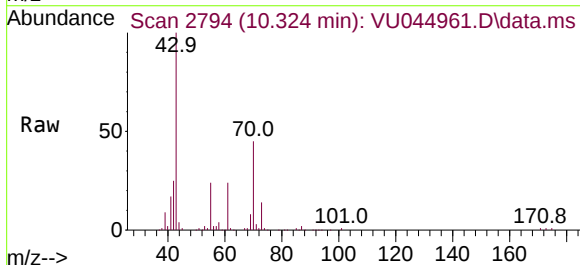
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

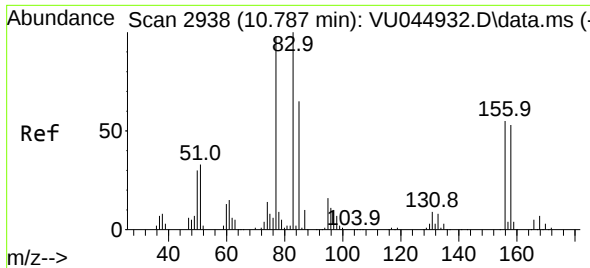
Tgt Ion:105 Resp: 205082  
Ion Ratio Lower Upper  
105 100  
120 25.2 12.8 38.3



#74  
N-ethyl acetate  
Concen: 17.913 ug/l  
RT: 10.324 min Scan# 2794  
Delta R.T. 0.001 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 43 Resp: 91694  
Ion Ratio Lower Upper  
43 100  
70 45.3 35.1 52.7  
55 25.1 20.5 30.7  
61 24.8 19.6 29.4

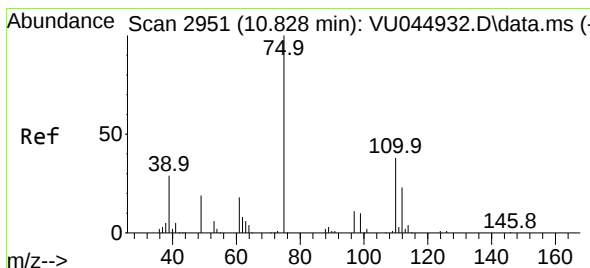
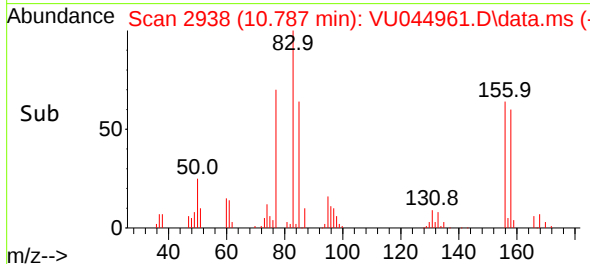
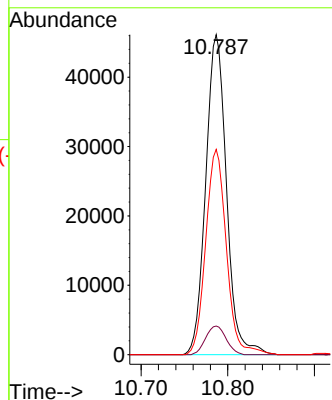
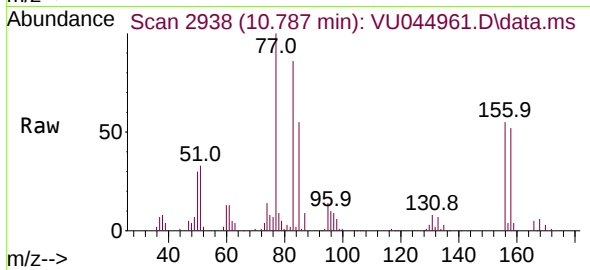




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 17.451 ug/l  
 RT: 10.787 min Scan# 2938  
 Delta R.T. -0.000 min  
 Lab File: VU044961.D  
 Acq: 28 Sep 2021 23:47

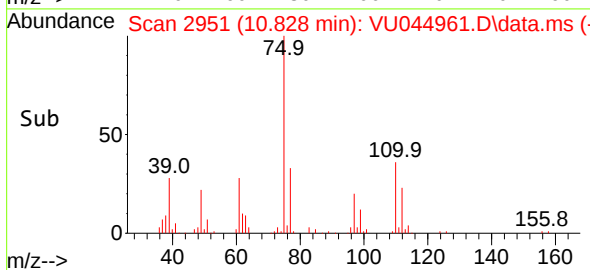
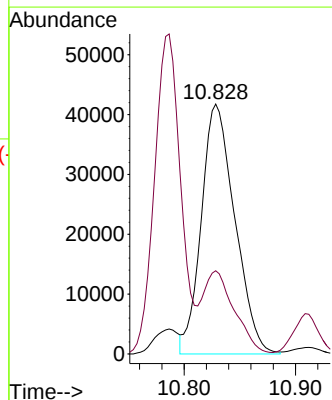
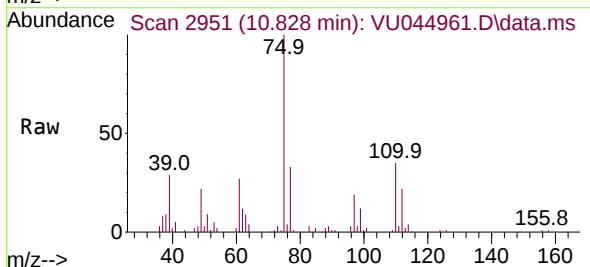
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0928WBS03

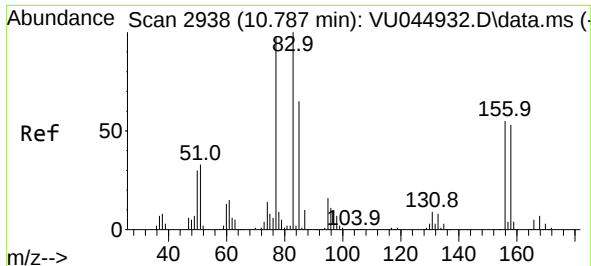
Tgt Ion: 83 Resp: 76762  
 Ion Ratio Lower Upper  
 83 100  
 131 8.8 4.3 13.1  
 85 64.0 31.9 95.5



#76  
 1,2,3-Trichloropropane  
 Concen: 21.948 ug/l  
 RT: 10.828 min Scan# 2951  
 Delta R.T. 0.000 min  
 Lab File: VU044961.D  
 Acq: 28 Sep 2021 23:47

Tgt Ion: 75 Resp: 87393  
 Ion Ratio Lower Upper  
 75 100  
 77 30.5 17.9 53.7

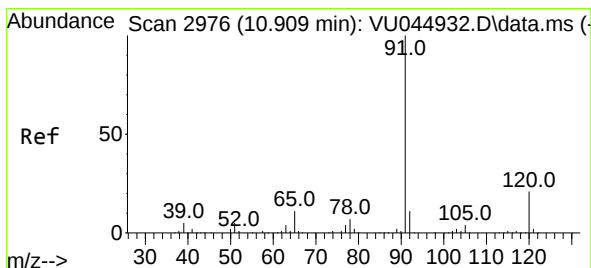
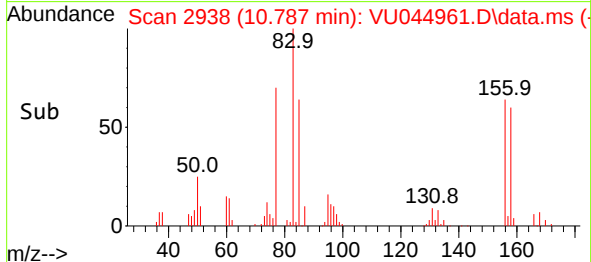
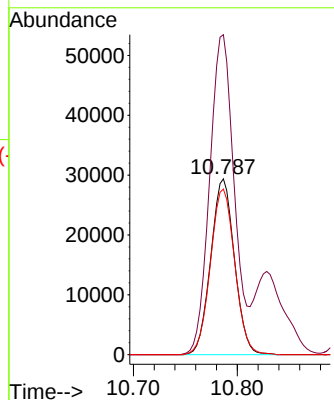
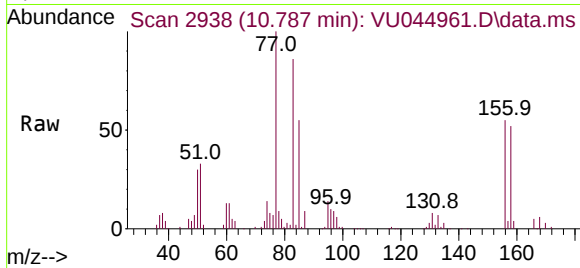




#77  
Bromobenzene  
Concen: 18.993 ug/l  
RT: 10.787 min Scan# 2938  
Delta R.T. -0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

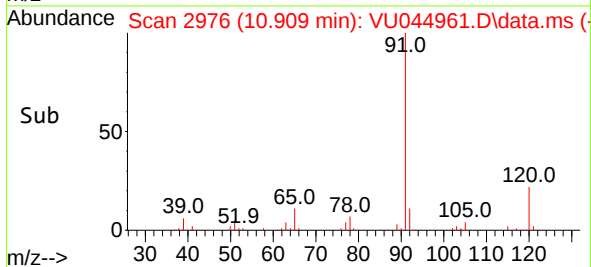
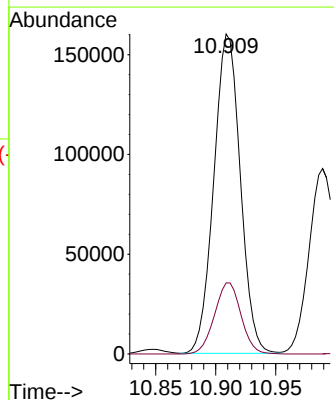
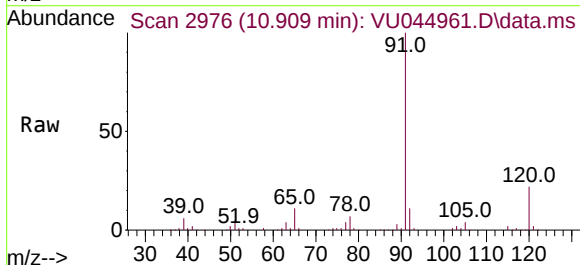
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

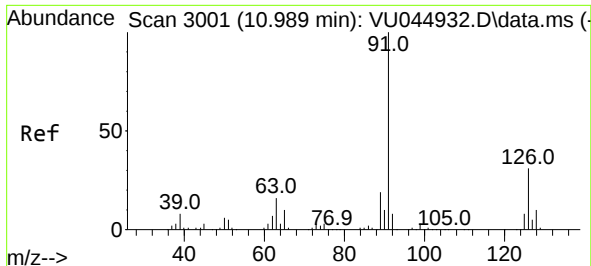
Tgt Ion:156 Resp: 46624  
Ion Ratio Lower Upper  
156 100  
77 189.0 91.1 273.4  
158 96.8 48.2 144.6



#78  
n-propylbenzene  
Concen: 19.829 ug/l  
RT: 10.909 min Scan# 2976  
Delta R.T. -0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 91 Resp: 245647  
Ion Ratio Lower Upper  
91 100  
120 22.3 10.8 32.4

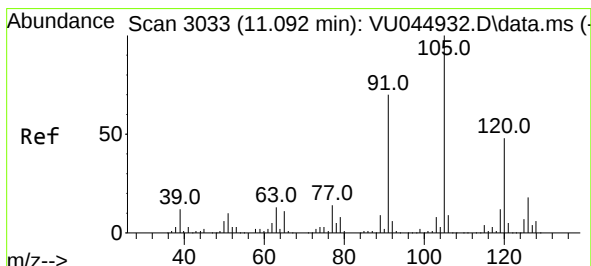
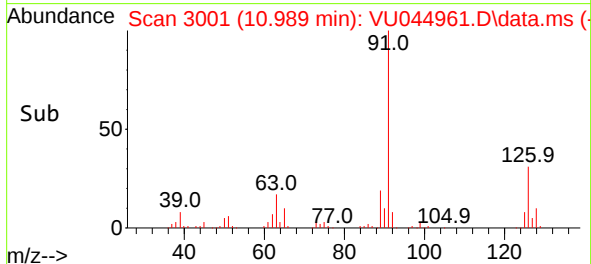
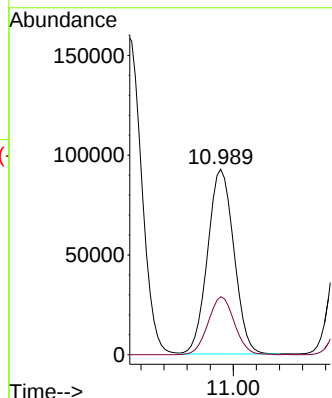
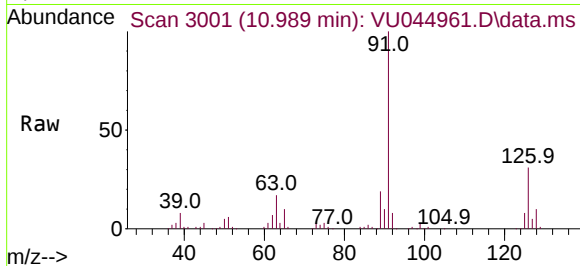




#79  
2-Chlorotoluene  
Concen: 18.870 ug/l  
RT: 10.989 min Scan# 3001  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

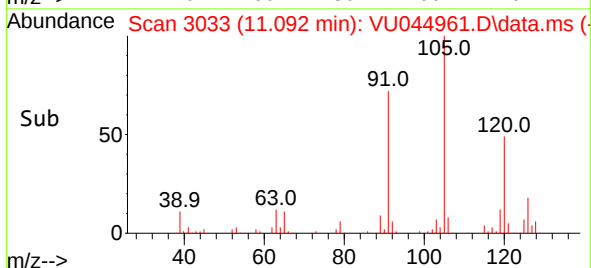
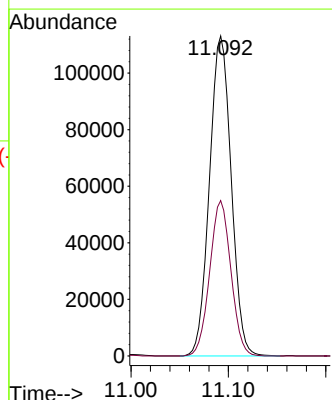
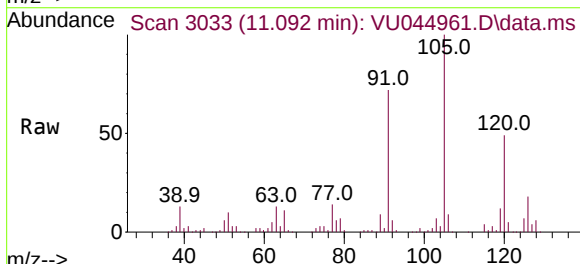
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

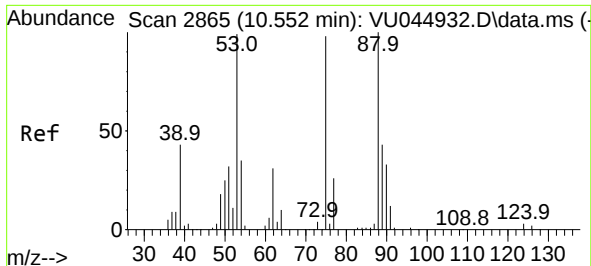
Tgt Ion: 91 Resp: 146536  
Ion Ratio Lower Upper  
91 100  
126 31.3 15.7 47.0



#80  
1,3,5-Trimethylbenzene  
Concen: 19.668 ug/l  
RT: 11.092 min Scan# 3033  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 105 Resp: 175158  
Ion Ratio Lower Upper  
105 100  
120 47.3 24.1 72.2

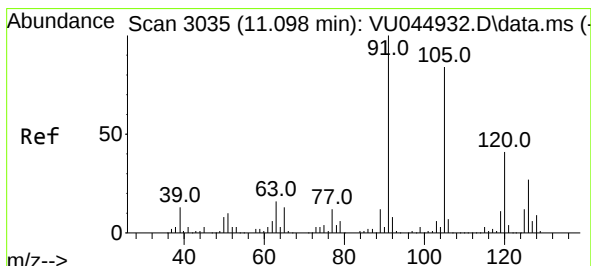
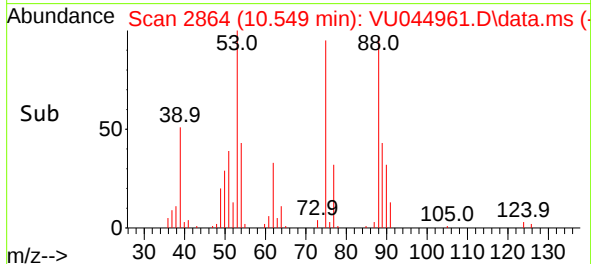
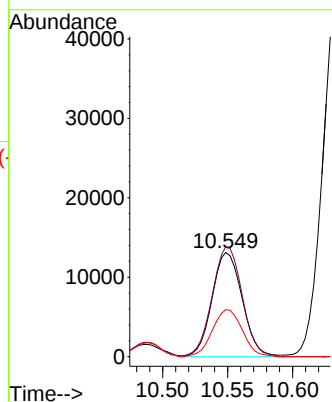
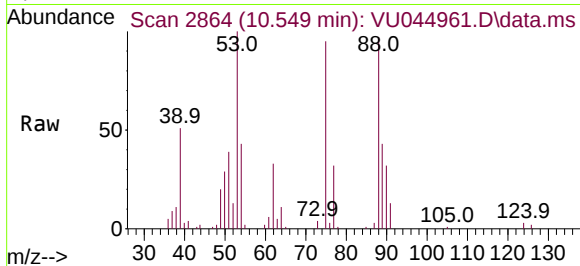




#81  
trans-1,4-Dichloro-2-butene  
Concen: 14.742 ug/l  
RT: 10.549 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

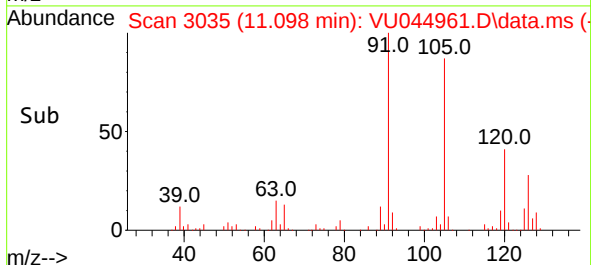
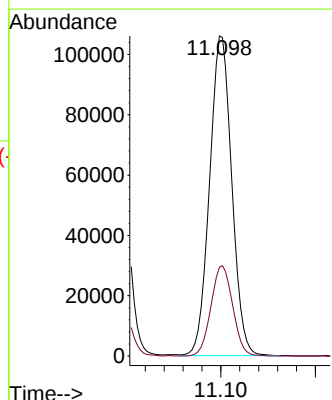
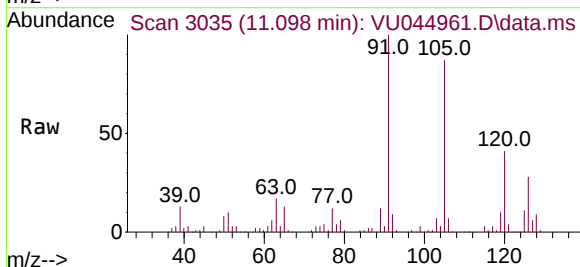
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

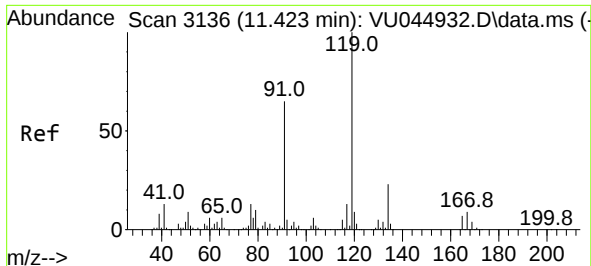
Tgt Ion: 75 Resp: 21152  
Ion Ratio Lower Upper  
75 100  
53 105.1 82.0 123.0  
89 44.8 34.2 51.4



#82  
4-Chlorotoluene  
Concen: 19.654 ug/l  
RT: 11.098 min Scan# 3035  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion: 91 Resp: 172513  
Ion Ratio Lower Upper  
91 100  
126 27.6 13.8 41.4

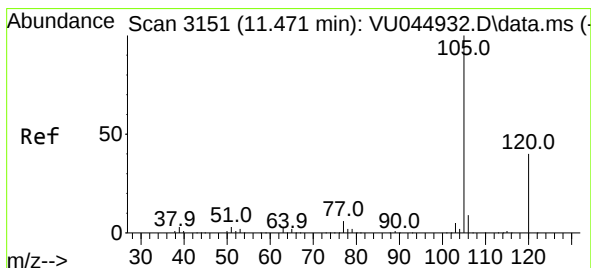
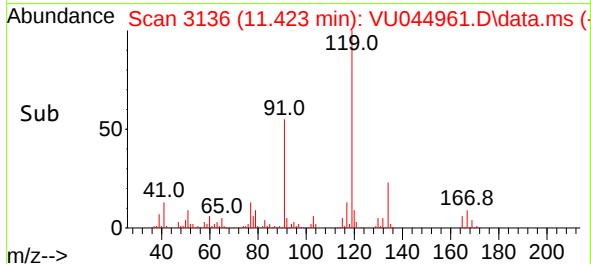
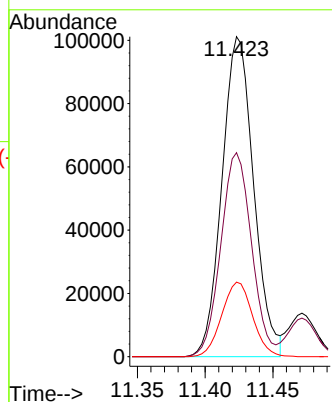
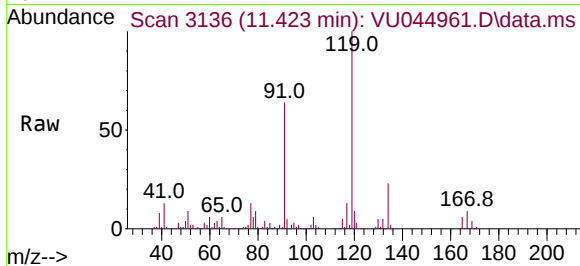




#83  
tert-Butylbenzene  
Concen: 18.989 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

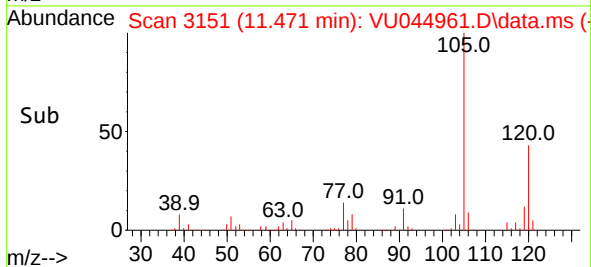
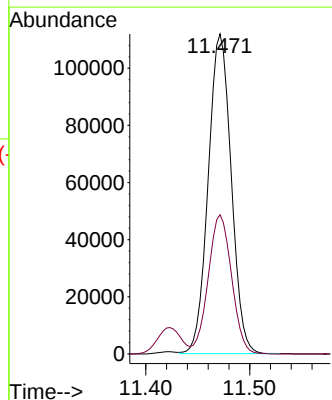
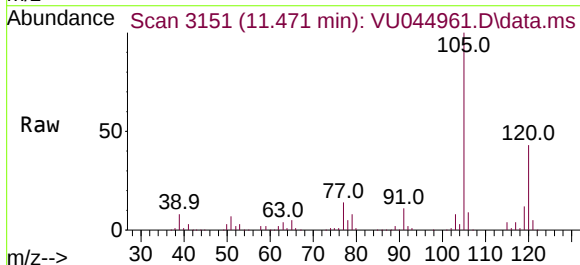
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

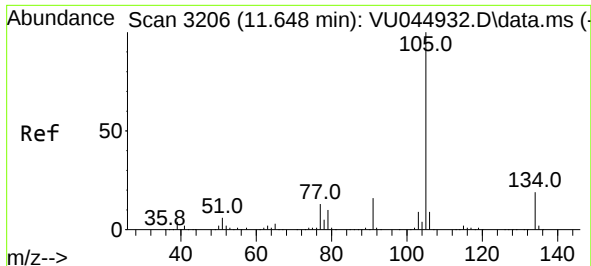
Tgt Ion:119 Resp: 164490  
Ion Ratio Lower Upper  
119 100  
91 61.9 30.4 91.2  
134 22.7 11.5 34.5



#84  
1,2,4-Trimethylbenzene  
Concen: 19.511 ug/l  
RT: 11.471 min Scan# 3151  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion:105 Resp: 171902  
Ion Ratio Lower Upper  
105 100  
120 44.3 22.4 67.3

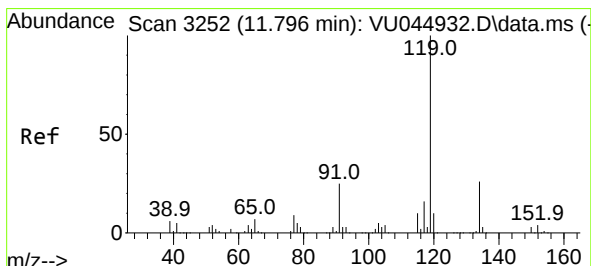
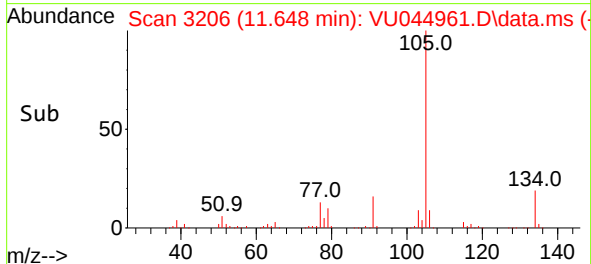
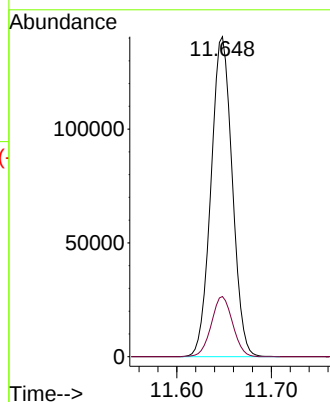
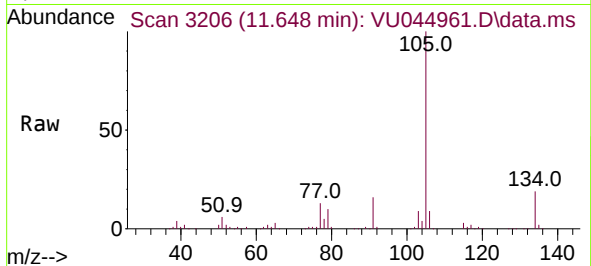




#85  
 sec-Butylbenzene  
 Concen: 19.664 ug/l  
 RT: 11.648 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VU044961.D  
 Acq: 28 Sep 2021 23:47

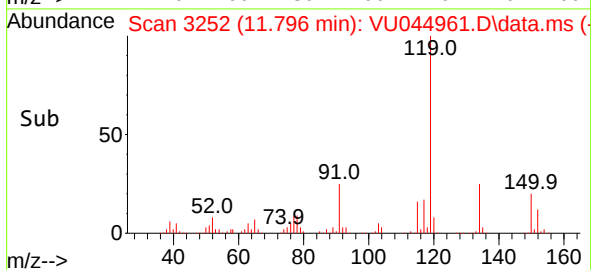
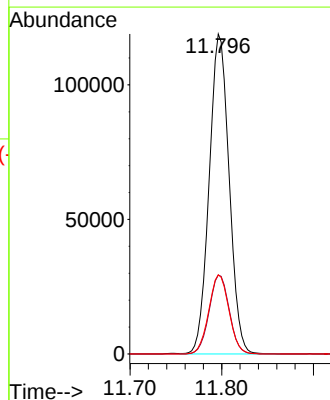
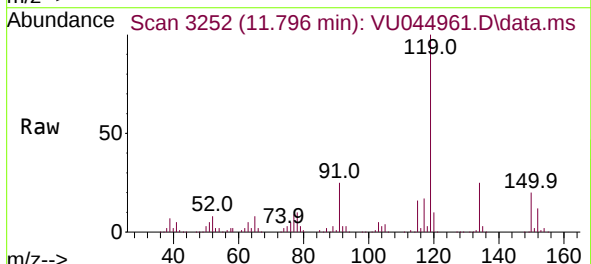
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0928WBS03

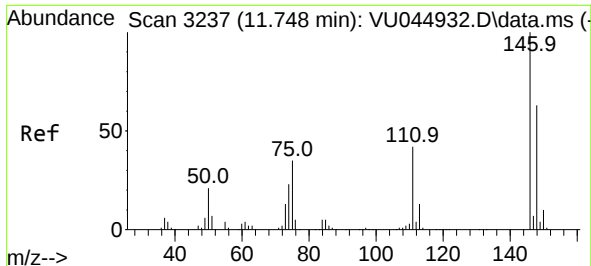
Tgt Ion:105 Resp: 219360  
 Ion Ratio Lower Upper  
 105 100  
 134 18.9 9.3 28.0



#86  
 p-Isopropyltoluene  
 Concen: 19.985 ug/l  
 RT: 11.796 min Scan# 3252  
 Delta R.T. 0.000 min  
 Lab File: VU044961.D  
 Acq: 28 Sep 2021 23:47

Tgt Ion:119 Resp: 179331  
 Ion Ratio Lower Upper  
 119 100  
 134 24.8 12.8 38.3  
 91 25.0 12.2 36.6

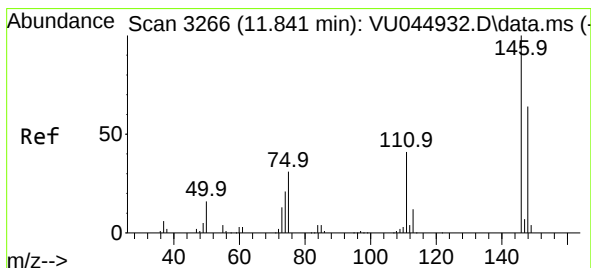
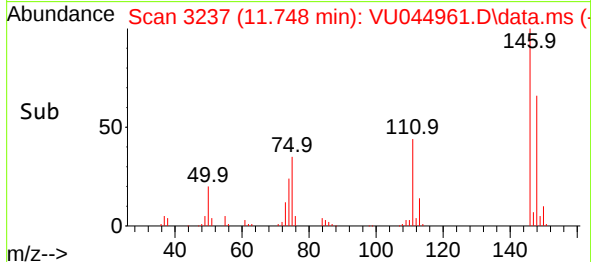
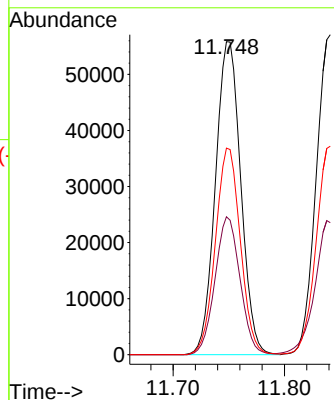
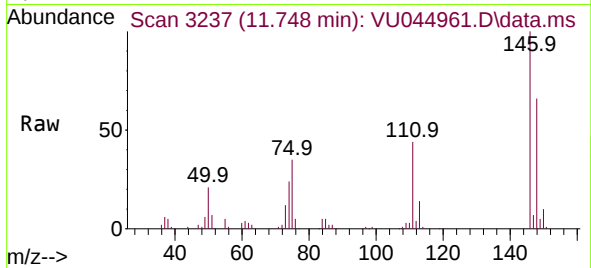




#87  
 1,3-Dichlorobenzene  
 Concen: 18.810 ug/l  
 RT: 11.748 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VU044961.D  
 Acq: 28 Sep 2021 23:47

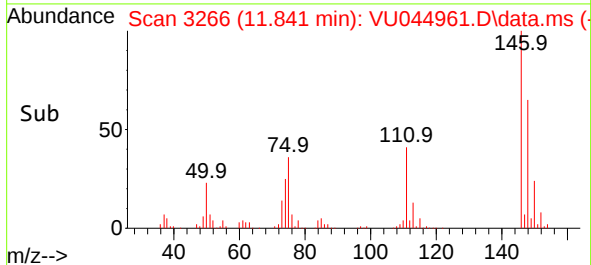
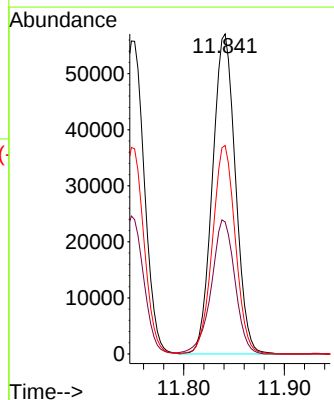
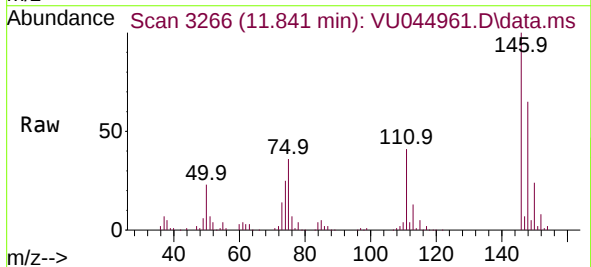
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0928WBS03

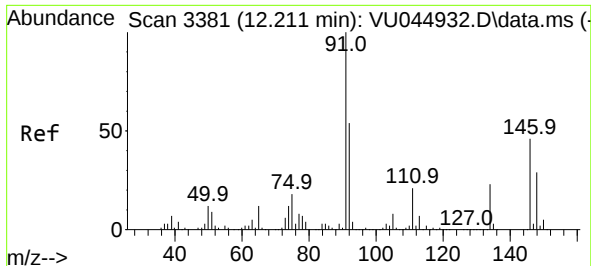
Tgt Ion:146 Resp: 88426  
 Ion Ratio Lower Upper  
 146 100  
 111 43.4 21.2 63.6  
 148 65.0 32.1 96.3



#88  
 1,4-Dichlorobenzene  
 Concen: 18.863 ug/l  
 RT: 11.841 min Scan# 3266  
 Delta R.T. 0.000 min  
 Lab File: VU044961.D  
 Acq: 28 Sep 2021 23:47

Tgt Ion:146 Resp: 90712  
 Ion Ratio Lower Upper  
 146 100  
 111 43.1 20.3 61.0  
 148 64.9 31.8 95.3





#89

n-Butylbenzene

Concen: 19.572 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU044961.D

Acq: 28 Sep 2021 23:47

Instrument :

MSVOA\_U

ClientSampleId :

VU0928WBS03

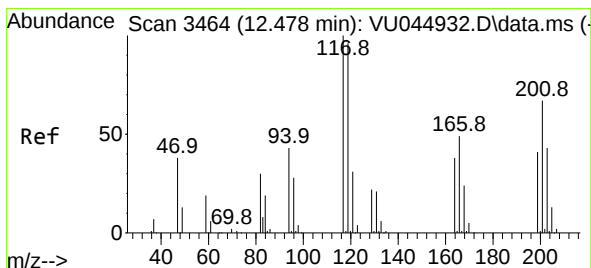
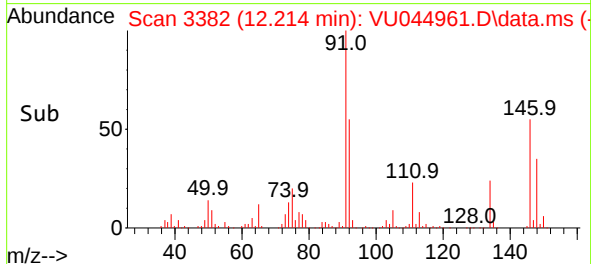
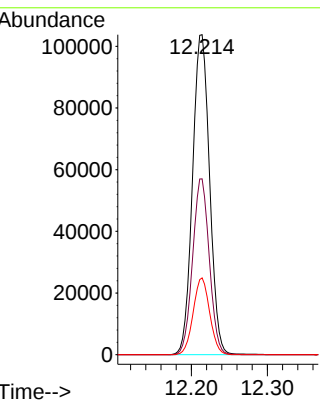
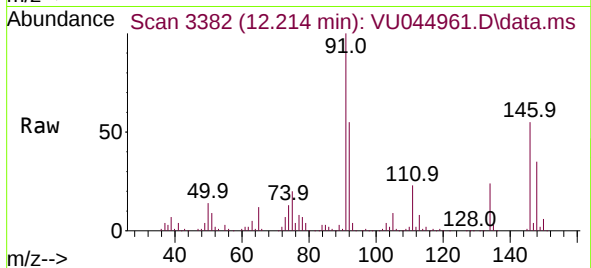
Tgt Ion: 91 Resp: 161765

Ion Ratio Lower Upper

91 100

92 53.8 26.8 80.4

134 23.2 11.8 35.4



#90

Hexachloroethane

Concen: 17.948 ug/l

RT: 12.481 min Scan# 3465

Delta R.T. 0.003 min

Lab File: VU044961.D

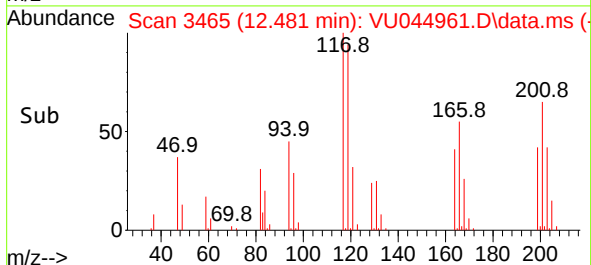
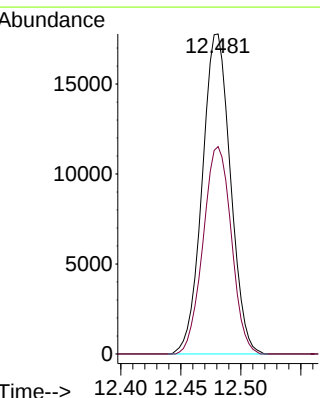
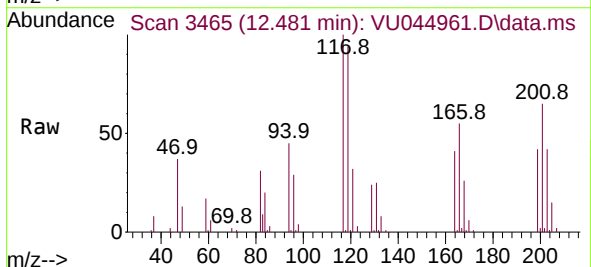
Acq: 28 Sep 2021 23:47

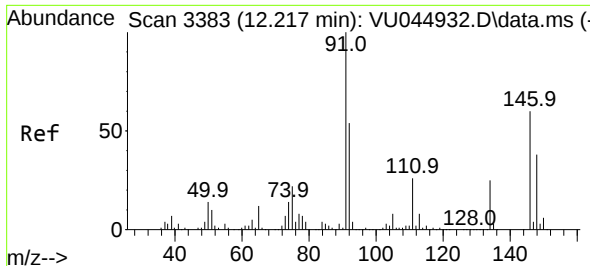
Tgt Ion: 117 Resp: 29083

Ion Ratio Lower Upper

117 100

201 64.7 34.8 104.3

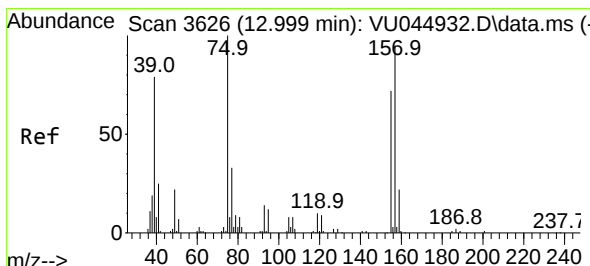
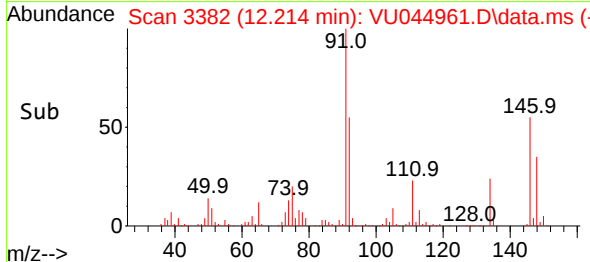
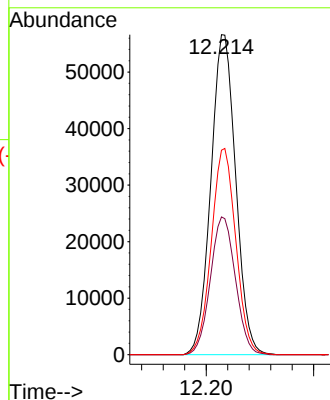
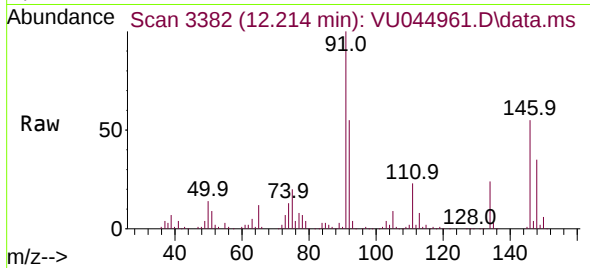




#91  
 1,2-Dichlorobenzene  
 Concen: 18.911 ug/l  
 RT: 12.214 min Scan# 31  
 Delta R.T. -0.003 min  
 Lab File: VU044961.D  
 Acq: 28 Sep 2021 23:47

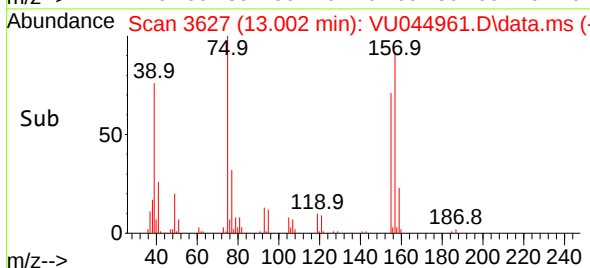
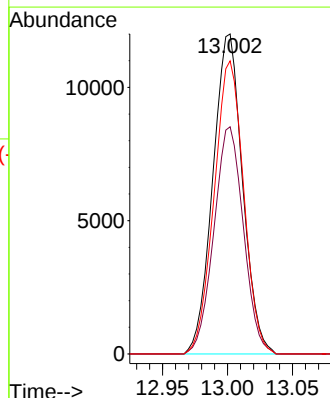
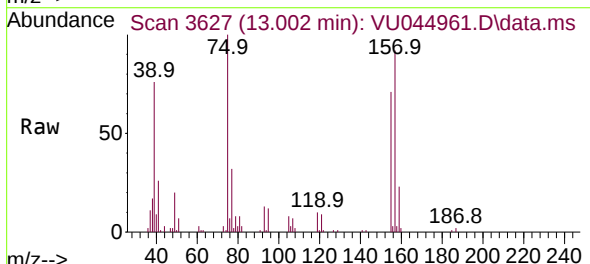
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0928WBS03

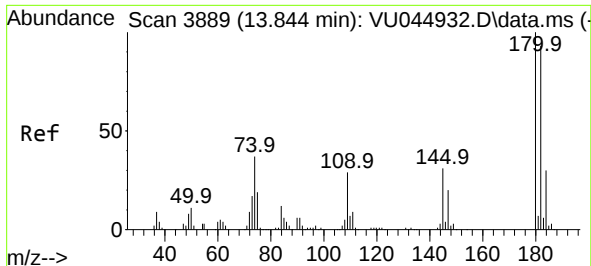
Tgt Ion:146 Resp: 90877  
 Ion Ratio Lower Upper  
 146 100  
 111 43.3 21.4 64.3  
 148 63.6 31.8 95.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.351 ug/l  
 RT: 13.002 min Scan# 3627  
 Delta R.T. 0.003 min  
 Lab File: VU044961.D  
 Acq: 28 Sep 2021 23:47

Tgt Ion: 75 Resp: 19046  
 Ion Ratio Lower Upper  
 75 100  
 155 70.6 36.9 110.6  
 157 91.0 47.8 143.3

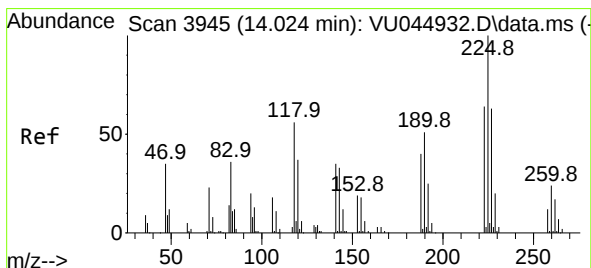
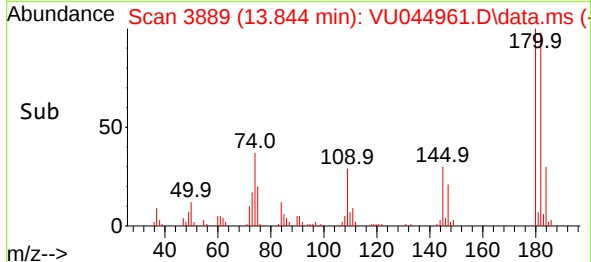
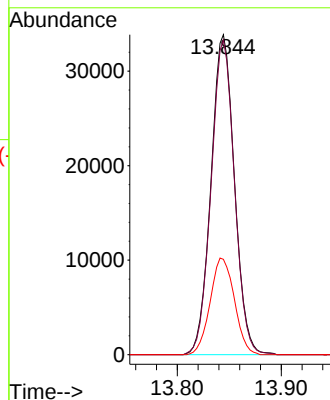
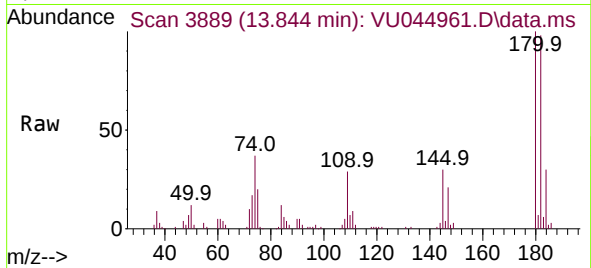




#93  
1,2,4-Trichlorobenzene  
Concen: 19.824 ug/l  
RT: 13.844 min Scan# 3889  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

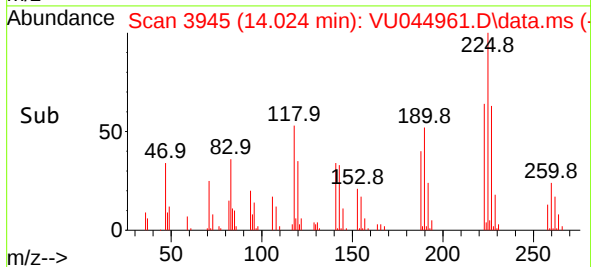
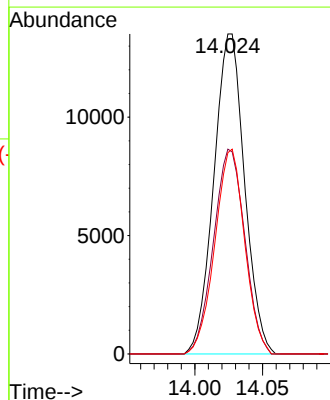
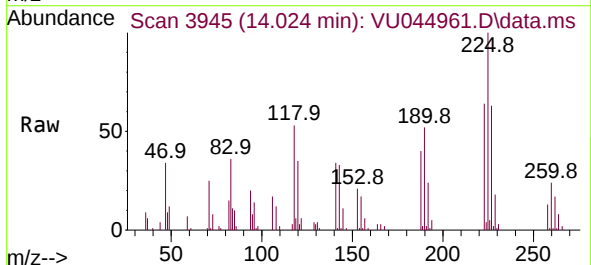
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

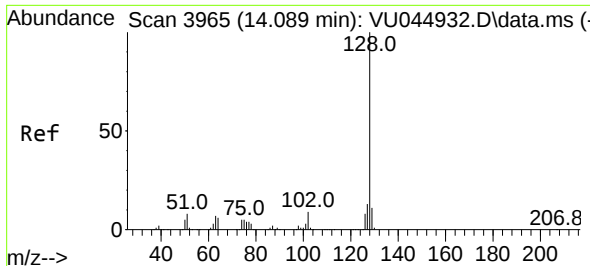
Tgt Ion:180 Resp: 53090  
Ion Ratio Lower Upper  
180 100  
182 97.5 47.4 142.3  
145 31.2 15.4 46.2



#94  
Hexachlorobutadiene  
Concen: 19.061 ug/l  
RT: 14.024 min Scan# 3945  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Tgt Ion:225 Resp: 21309  
Ion Ratio Lower Upper  
225 100  
223 64.9 31.1 93.3  
227 62.0 31.4 94.3

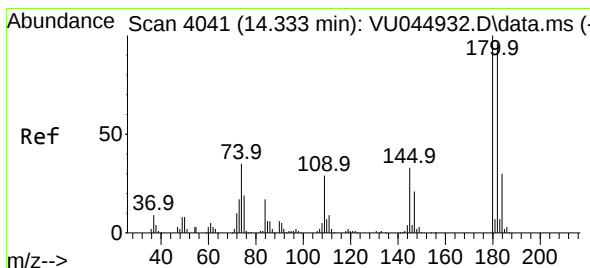
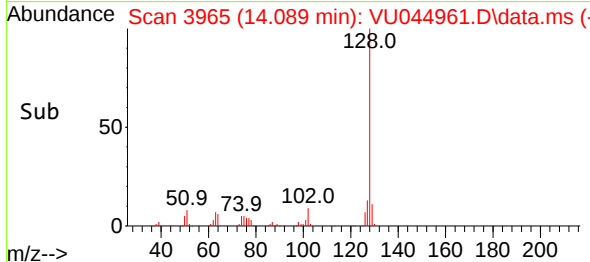
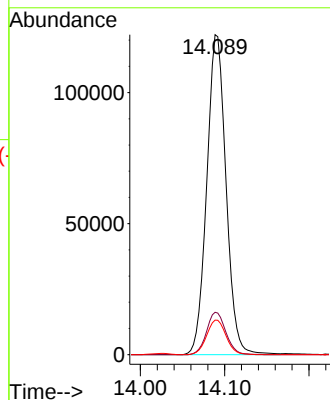
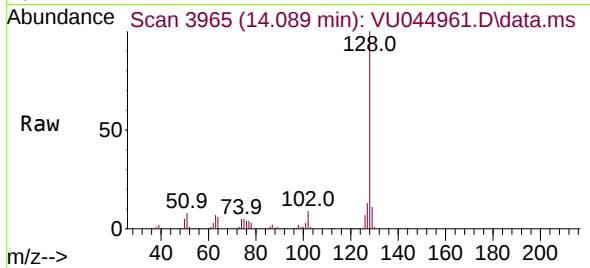




#95  
Naphthalene  
Concen: 19.302 ug/l  
RT: 14.089 min Scan# 3965  
Delta R.T. -0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0928WBS03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 194418 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.3  | 10.4  | 15.6   |
| 129       | 10.9  | 8.6   | 13.0   |



#96  
1,2,3-Trichlorobenzene  
Concen: 20.056 ug/l  
RT: 14.333 min Scan# 4041  
Delta R.T. 0.000 min  
Lab File: VU044961.D  
Acq: 28 Sep 2021 23:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 53943 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.4  | 47.1  | 141.4 |
| 145       | 32.2  | 16.4  | 49.2  |

