

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111025\  
 Data File : VU063690.D  
 Acq On : 10 Nov 2025 11:20  
 Operator : MD/SY  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICC005

Quant Time: Nov 11 01:20:22 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U111025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 11 01:18:58 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.341  | 168   | 197756   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.219  | 114   | 336995   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.393  | 117   | 315469   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.791 | 152   | 156182   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.676  | 65    | 15839    | 5.422    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 10.840%# |
| 35) Dibromofluoromethane     | 5.264  | 113   | 12079    | 5.118    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 10.240%# |
| 50) Toluene-d8               | 7.875  | 98    | 46230    | 5.452    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 10.900%# |
| 62) 4-Bromofluorobenzene     | 10.614 | 95    | 17877    | 5.097    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 10.200%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.370  | 85    | 6759     | 5.659    | ug/l   | 99       |
| 3) Chloromethane             | 1.509  | 50    | 7341     | 5.783    | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.589  | 62    | 8510     | 5.793    | ug/l   | 97       |
| 5) Bromomethane              | 1.827  | 94    | 7645     | 4.962    | ug/l   | 89       |
| 6) Chloroethane              | 1.911  | 64    | 6446     | 5.803    | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 2.116  | 101   | 14325    | 5.097    | ug/l   | 98       |
| 8) Diethyl Ether             | 2.354  | 74    | 6236     | 5.219    | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.554  | 101   | 9734     | 5.451    | ug/l   | 98       |
| 10) Methyl Iodide            | 2.695  | 142   | 5864     | 5.757    | ug/l   | 99       |
| 11) Tert butyl alcohol       | 3.155  | 59    | 22578    | 33.126   | ug/l # | 80       |
| 12) 1,1-Dichloroethene       | 2.557  | 96    | 8229     | 5.352    | ug/l   | 92       |
| 13) Acrolein                 | 2.460  | 56    | 2594     | 42.128   | ug/l   | 94       |
| 14) Allyl chloride           | 2.894  | 41    | 15204    | 5.302    | ug/l   | 96       |
| 15) Acrylonitrile            | 3.290  | 53    | 35011    | 25.082   | ug/l   | 99       |
| 16) Acetone                  | 2.602  | 43    | 55607    | 30.612   | ug/l   | 98       |
| 17) Carbon Disulfide         | 2.763  | 76    | 13380    | 6.731    | ug/l   | 97       |
| 18) Methyl Acetate           | 2.927  | 43    | 14776    | 4.356    | ug/l   | 91       |
| 19) Methyl tert-butyl Ether  | 3.335  | 73    | 35218    | 5.076    | ug/l   | 96       |
| 20) Methylene Chloride       | 3.017  | 84    | 11806    | 5.776    | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 3.325  | 96    | 9119     | 5.776    | ug/l   | 94       |
| 22) Diisopropyl ether        | 3.962  | 45    | 33861    | 5.361    | ug/l # | 53       |
| 23) Vinyl Acetate            | 3.933  | 43    | 115991   | 26.927   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.836  | 63    | 19053    | 5.230    | ug/l   | 98       |
| 25) 2-Butanone               | 4.682  | 43    | 54548    | 27.119   | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.631  | 77    | 15088    | 4.822    | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.637  | 96    | 12243    | 5.308    | ug/l   | 98       |
| 28) Bromochloromethane       | 4.946  | 49    | 5951     | 4.083    | ug/l # | 95       |
| 29) Tetrahydrofuran          | 5.026  | 42    | 30459    | 26.024   | ug/l   | 96       |
| 30) Chloroform               | 5.058  | 83    | 20996    | 5.261    | ug/l   | 88       |
| 31) Cyclohexane              | 5.354  | 56    | 17864    | 6.149    | ug/l # | 77       |
| 32) 1,1,1-Trichloroethane    | 5.283  | 97    | 16942    | 5.173    | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.499  | 75    | 12659    | 5.269    | ug/l   | 96       |
| 37) Ethyl Acetate            | 4.791  | 43    | 20350m   | 5.958    | ug/l   |          |
| 38) Carbon Tetrachloride     | 5.496  | 117   | 12546    | 4.832    | ug/l   | 94       |
| 39) Methylcyclohexane        | 6.733  | 83    | 14501    | 5.317    | ug/l   | 99       |
| 40) Benzene                  | 5.746  | 78    | 39597    | 5.108    | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111025\  
 Data File : VU063690.D  
 Acq On : 10 Nov 2025 11:20  
 Operator : MD/SY  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICC005

Quant Time: Nov 11 01:20:22 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U111025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 11 01:18:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.959  | 41   | 8608     | 4.869   | ug/l   | 89       |
| 42) 1,2-Dichloroethane        | 5.769  | 62   | 15866    | 5.189   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.894  | 43   | 24043    | 4.822   | ug/l   | 99       |
| 44) Trichloroethene           | 6.518  | 130  | 11229    | 5.163   | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 6.762  | 63   | 10962    | 5.202   | ug/l   | 92       |
| 46) Dibromomethane            | 6.897  | 93   | 7933     | 5.013   | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.077  | 83   | 15046    | 4.690   | ug/l   | 95       |
| 48) Methyl methacrylate       | 6.942  | 41   | 11571    | 4.728   | ug/l   | 94       |
| 49) 1,4-Dioxane               | 6.946  | 88   | 7452     | 114.931 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 7.766  | 43   | 93618    | 24.537  | ug/l   | 98       |
| 52) Toluene                   | 7.946  | 92   | 26435    | 5.254   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.190  | 75   | 13055    | 4.832   | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 7.582  | 75   | 14754    | 4.873   | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 8.376  | 97   | 11057    | 4.789   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 8.315  | 69   | 15393    | 4.519   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 8.550  | 76   | 18688    | 4.962   | ug/l   | 97       |
| 59) 2-Hexanone                | 8.663  | 43   | 68816    | 24.216  | ug/l   | 100      |
| 60) Dibromochloromethane      | 8.785  | 129  | 11200    | 4.632   | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 8.901  | 107  | 11040    | 4.962   | ug/l   | 96       |
| 64) Tetrachloroethene         | 8.531  | 164  | 10468    | 5.143   | ug/l   | 98       |
| 65) Chlorobenzene             | 9.425  | 112  | 31540    | 5.117   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 9.508  | 131  | 10507    | 5.011   | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.547  | 91   | 51598    | 5.025   | ug/l   | 97       |
| 68) m/p-Xylenes               | 9.672  | 106  | 37236    | 9.825   | ug/l   | 97       |
| 69) o-Xylene                  | 10.077 | 106  | 19303    | 4.936   | ug/l   | 99       |
| 70) Styrene                   | 10.093 | 104  | 29744    | 4.735   | ug/l   | 99       |
| 71) Bromoform                 | 10.264 | 173  | 7289     | 4.317   | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.460 | 105  | 51790    | 5.278   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.302 | 43   | 16667    | 4.875   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 10.759 | 83   | 19768    | 5.246   | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane    | 10.801 | 75   | 19980    | 5.187   | ug/l # | 100      |
| 77) Bromobenzene              | 10.762 | 156  | 13093    | 5.303   | ug/l   | 98       |
| 78) n-propylbenzene           | 10.884 | 91   | 55194    | 4.903   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.965 | 91   | 37846    | 5.202   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.064 | 105  | 41970    | 5.101   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.524 | 75   | 3380     | 4.575   | ug/l # | 83       |
| 82) 4-Chlorotoluene           | 11.077 | 91   | 41820    | 5.058   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.396 | 119  | 43813    | 5.112   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.444 | 105  | 40076    | 4.964   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.621 | 105  | 55499    | 5.126   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.769 | 119  | 43388    | 4.992   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.724 | 146  | 23973    | 5.169   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.814 | 146  | 25087    | 5.170   | ug/l   | 90       |
| 89) n-Butylbenzene            | 12.187 | 91   | 38692    | 4.848   | ug/l   | 97       |
| 90) Hexachloroethane          | 12.450 | 117  | 6699     | 5.053   | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 12.190 | 146  | 23414    | 5.056   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.971 | 75   | 3475     | 4.501   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 13.820 | 180  | 12705    | 4.303   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.994 | 225  | 7065     | 4.749   | ug/l   | 96       |
| 95) Naphthalene               | 14.068 | 128  | 31409    | 3.927   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 14.309 | 180  | 11838    | 4.313   | ug/l   | 99       |

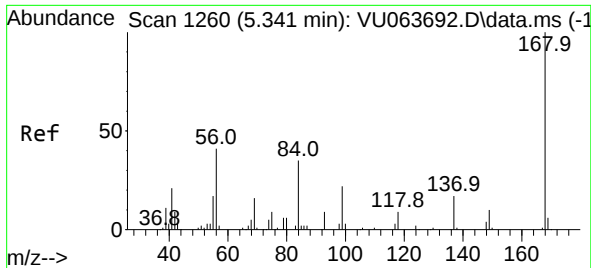
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Data File : VU063690.D  
Acq On : 10 Nov 2025 11:20  
Operator : MD/SY  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC005

Quant Time: Nov 11 01:20:22 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U111025W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 11 01:18:58 2025  
Response via : Initial Calibration

| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

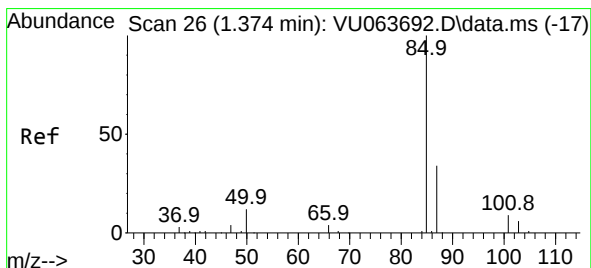
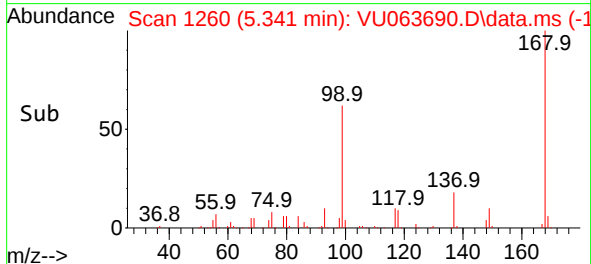
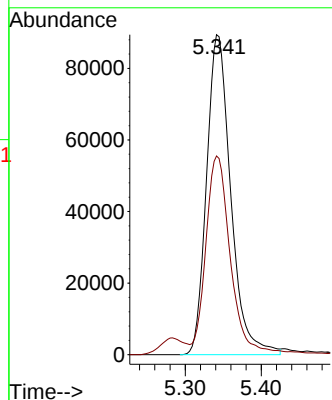
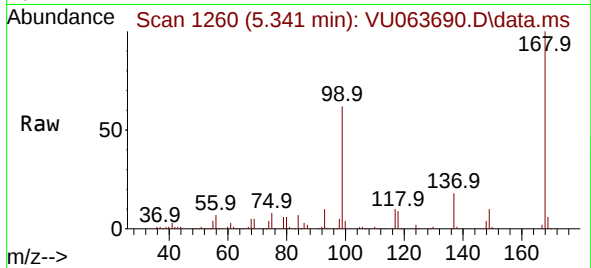




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.341 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

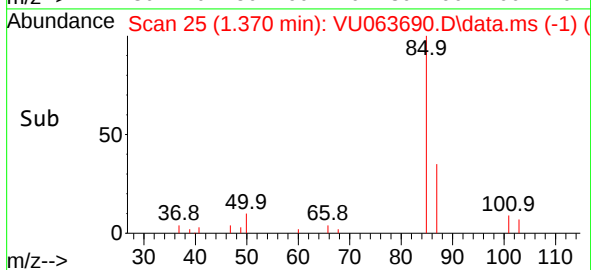
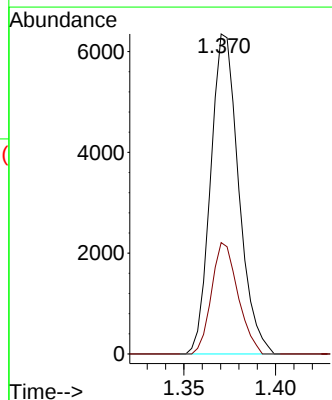
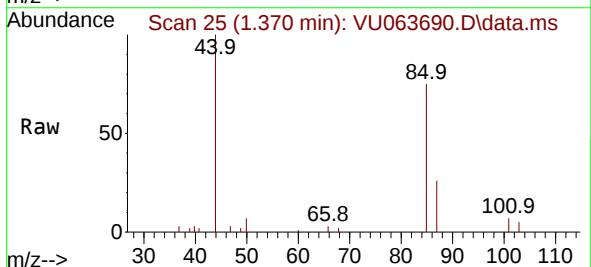
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC005

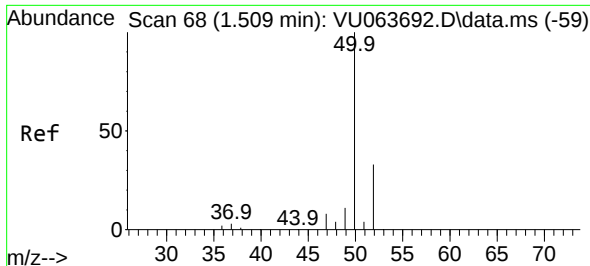
Tgt Ion:168 Resp: 197756  
Ion Ratio Lower Upper  
168 100  
99 60.9 48.2 72.4



#2  
Dichlorodifluoromethane  
Concen: 5.659 ug/l  
RT: 1.370 min Scan# 25  
Delta R.T. -0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 85 Resp: 6759  
Ion Ratio Lower Upper  
85 100  
87 34.8 17.0 51.0

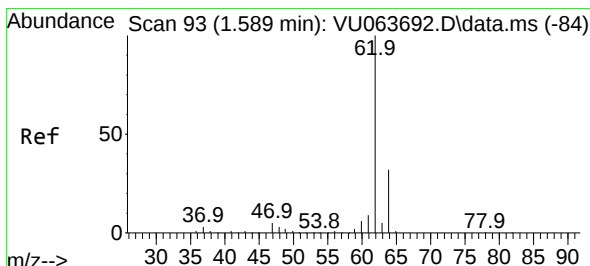
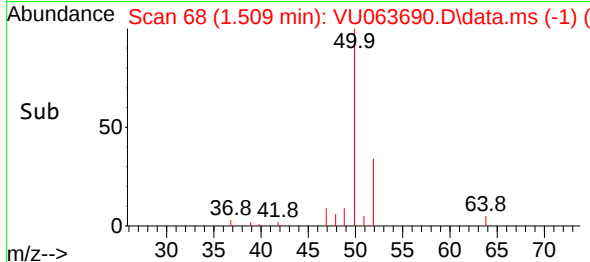
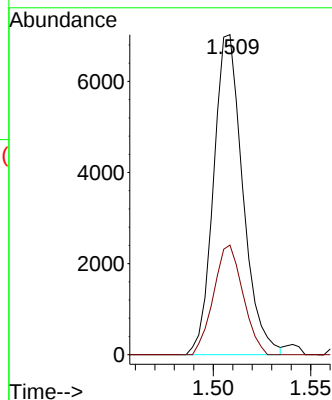
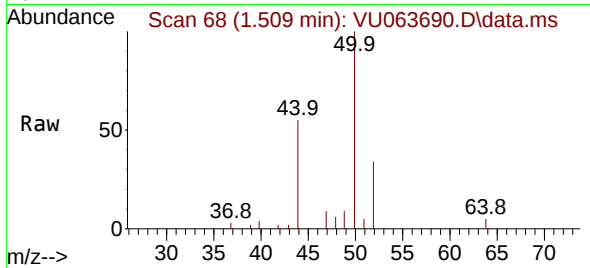




#3  
Chloromethane  
Concen: 5.783 ug/l  
RT: 1.509 min Scan# 68  
Delta R.T. -0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

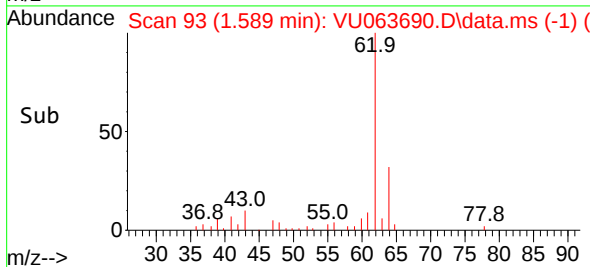
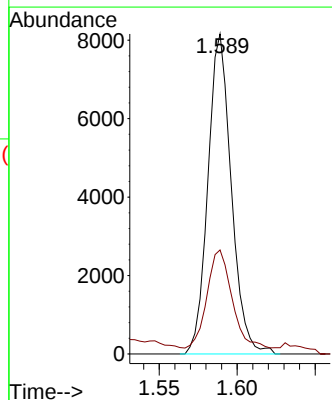
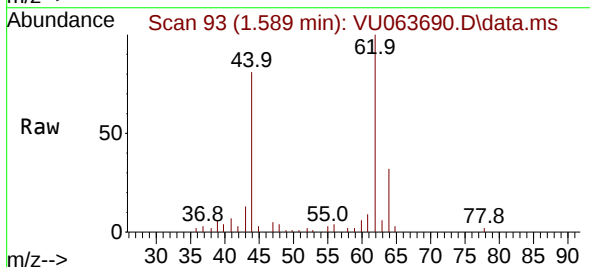
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC005

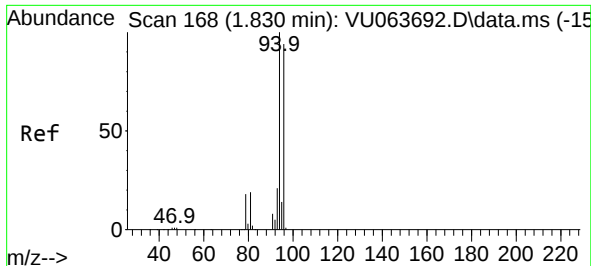
Tgt Ion: 50 Resp: 7341  
Ion Ratio Lower Upper  
50 100  
52 34.2 26.3 39.5



#4  
Vinyl Chloride  
Concen: 5.793 ug/l  
RT: 1.589 min Scan# 93  
Delta R.T. -0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 62 Resp: 8510  
Ion Ratio Lower Upper  
62 100  
64 30.5 25.9 38.9

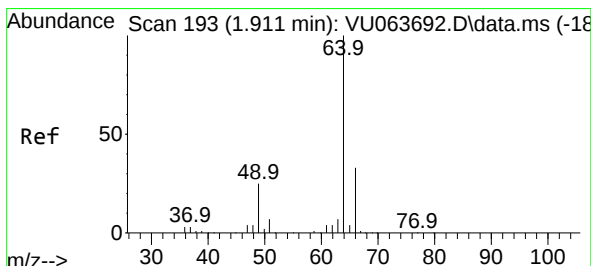
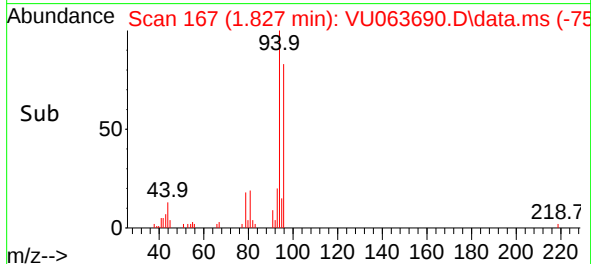
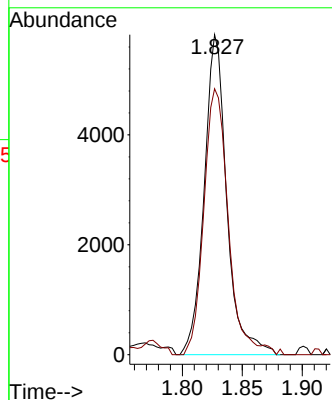
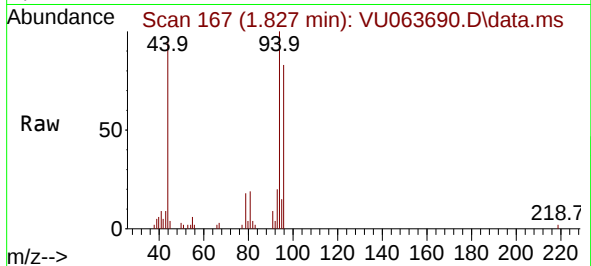




#5  
Bromomethane  
Concen: 4.962 ug/l  
RT: 1.827 min Scan# 167  
Delta R.T. -0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

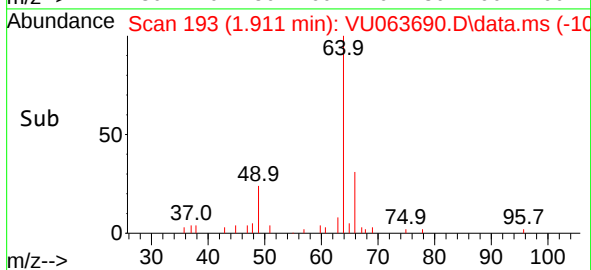
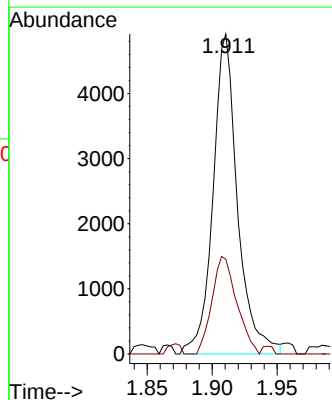
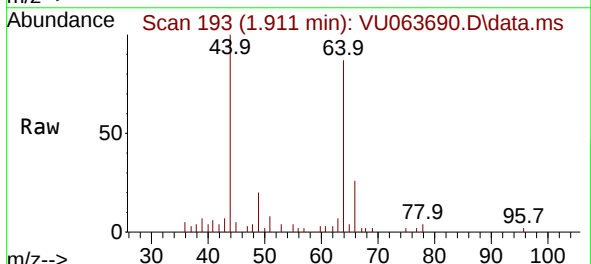
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

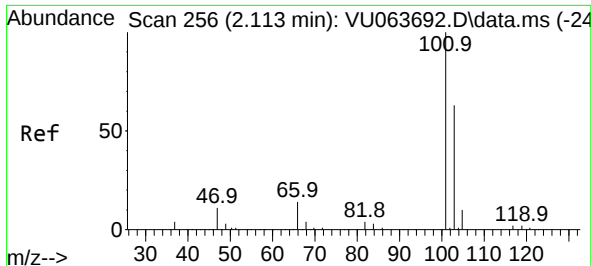
Tgt Ion: 94 Resp: 7645  
Ion Ratio Lower Upper  
94 100  
96 83.1 74.8 112.2



#6  
Chloroethane  
Concen: 5.803 ug/l  
RT: 1.911 min Scan# 193  
Delta R.T. -0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 64 Resp: 6446  
Ion Ratio Lower Upper  
64 100  
66 29.5 26.4 39.6

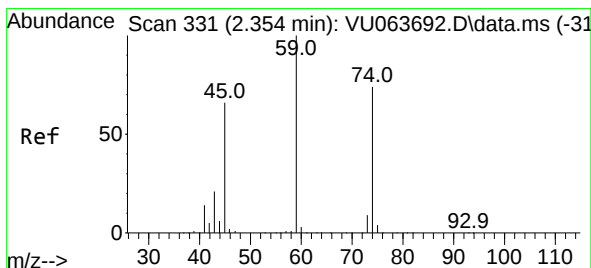
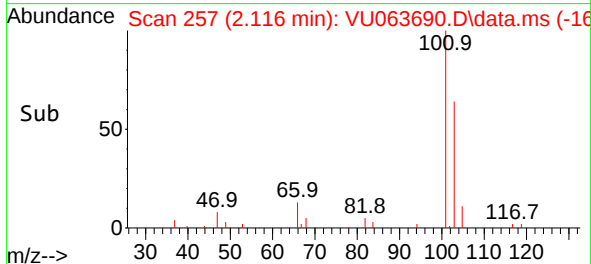
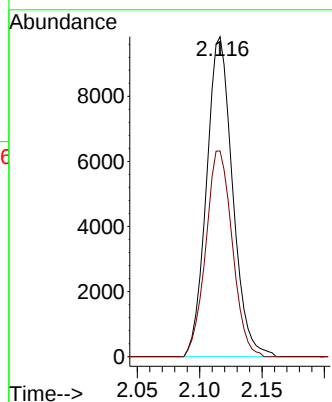
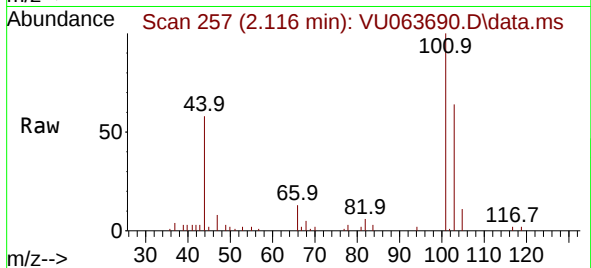




#7  
Trichlorofluoromethane  
Concen: 5.097 ug/l  
RT: 2.116 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

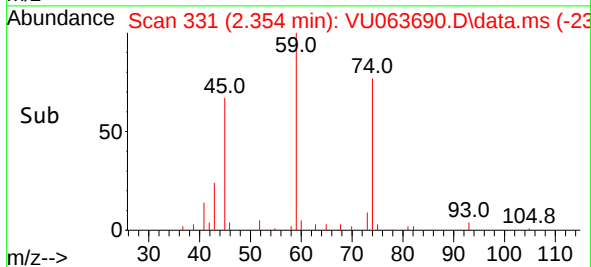
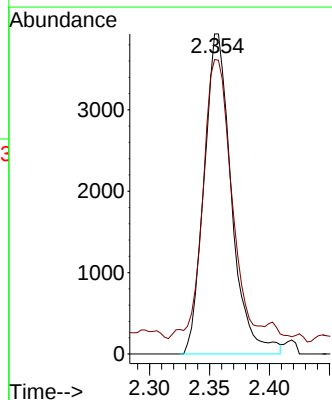
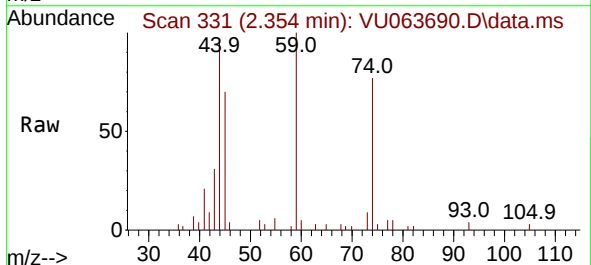
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

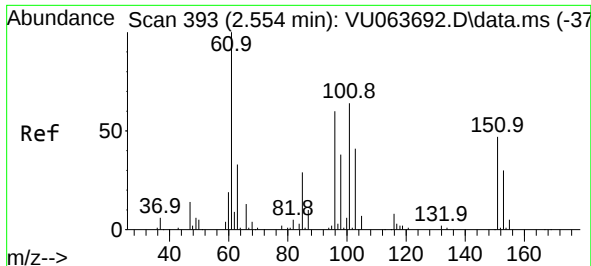
Tgt Ion:101 Resp: 14325  
Ion Ratio Lower Upper  
101 100  
103 64.3 50.3 75.5



#8  
Diethyl Ether  
Concen: 5.219 ug/l  
RT: 2.354 min Scan# 331  
Delta R.T. -0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 74 Resp: 6236  
Ion Ratio Lower Upper  
74 100  
45 90.6 44.1 132.4

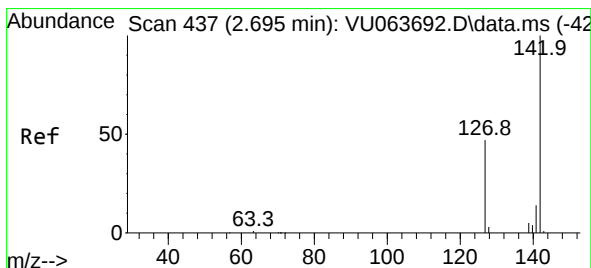
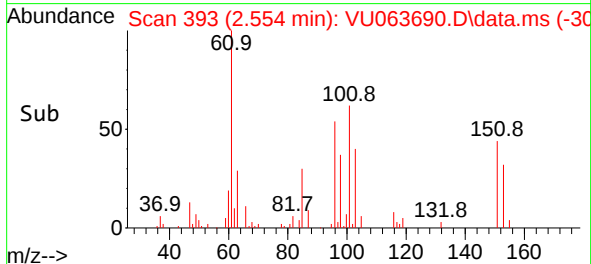
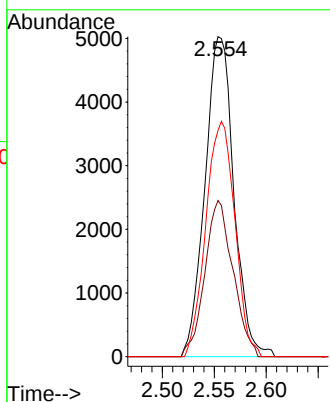
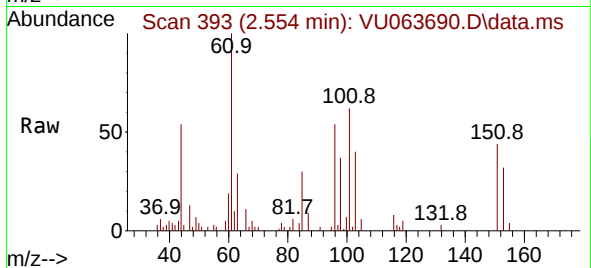




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.451 ug/l  
RT: 2.554 min Scan# 393  
Delta R.T. -0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

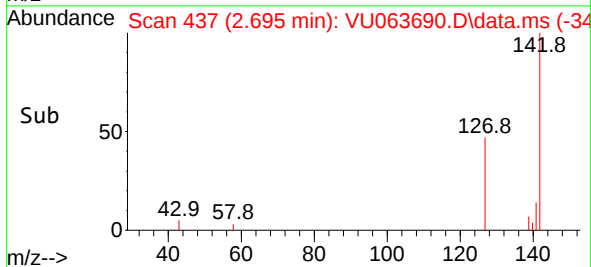
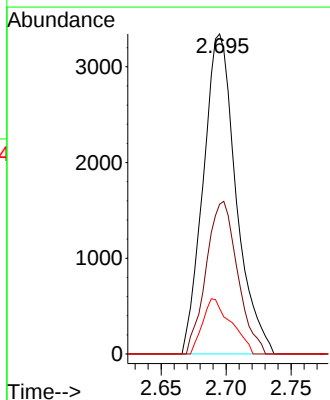
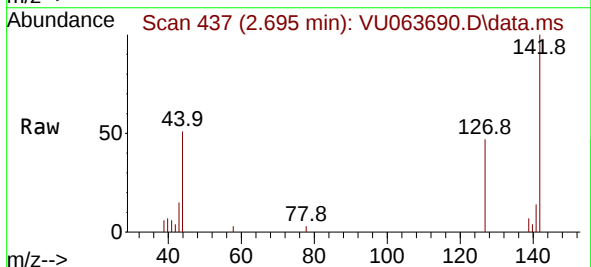
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

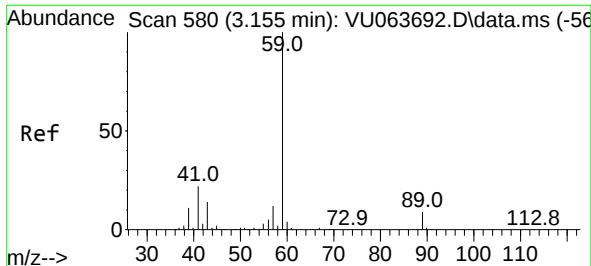
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:101 | Resp: | 9734        |
| Ion         | Ratio | Lower Upper |
| 101         | 100   |             |
| 85          | 47.4  | 36.2 54.4   |
| 151         | 73.9  | 58.5 87.7   |



#10  
Methyl Iodide  
Concen: 5.757 ug/l  
RT: 2.695 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:142 | Resp: | 5864        |
| Ion         | Ratio | Lower Upper |
| 142         | 100   |             |
| 127         | 45.7  | 37.2 55.8   |
| 141         | 15.1  | 11.4 17.0   |





#11

Tert butyl alcohol

Concen: 33.126 ug/l

RT: 3.155 min Scan# 580

Delta R.T. -0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA\_U

ClientSampleId :

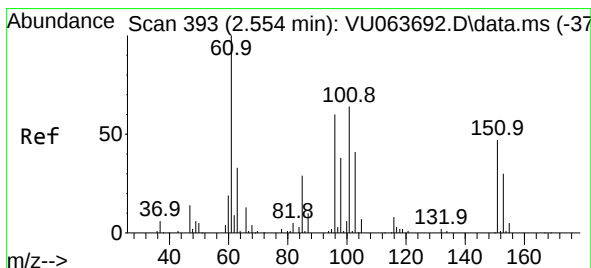
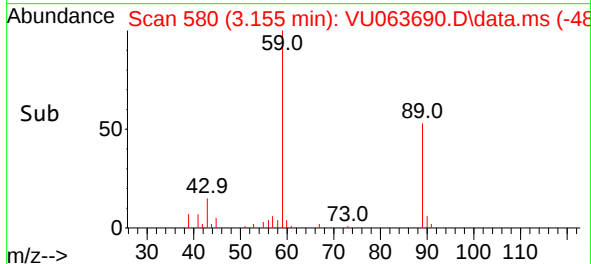
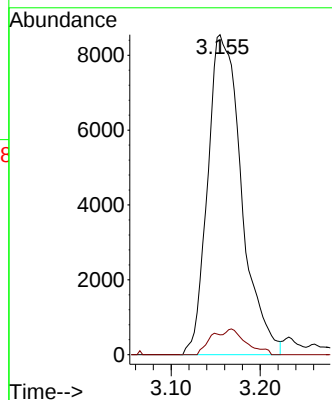
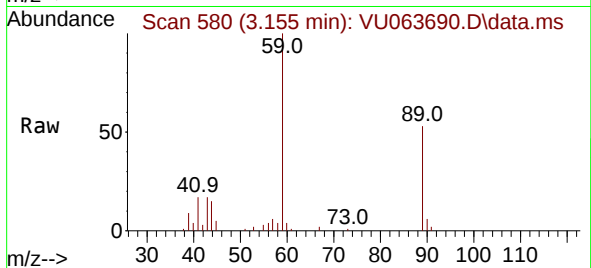
VSTDIC005

Tgt Ion: 59 Resp: 22578

Ion Ratio Lower Upper

59 100

57 2.7 8.2 12.2#



#12

1,1-Dichloroethene

Concen: 5.352 ug/l

RT: 2.557 min Scan# 394

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

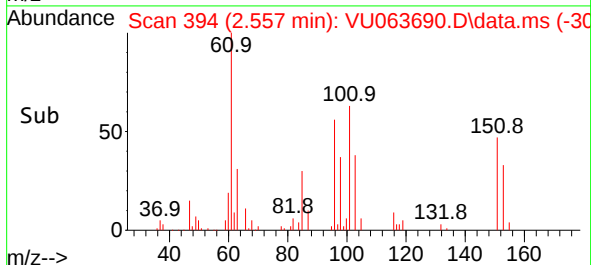
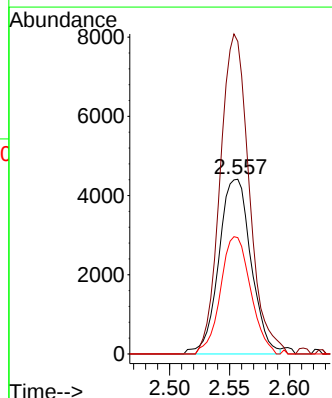
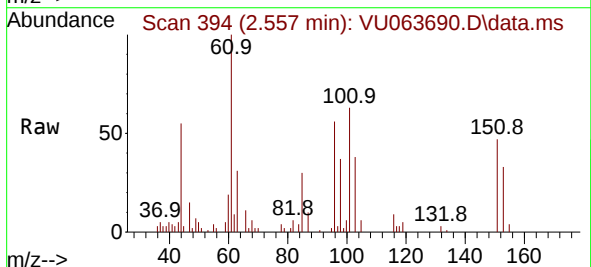
Tgt Ion: 96 Resp: 8229

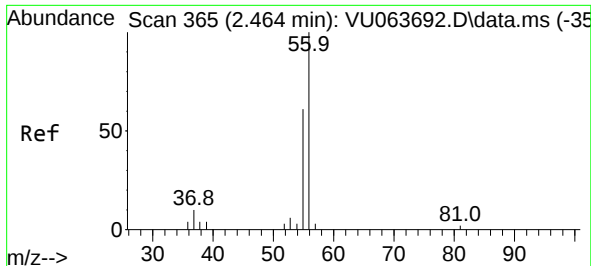
Ion Ratio Lower Upper

96 100

61 178.8 133.1 199.7

98 66.5 50.7 76.1





#13

Acrolein

Concen: 42.128 ug/l

RT: 2.460 min Scan# 3

Delta R.T. -0.004 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA\_U

ClientSampleId :

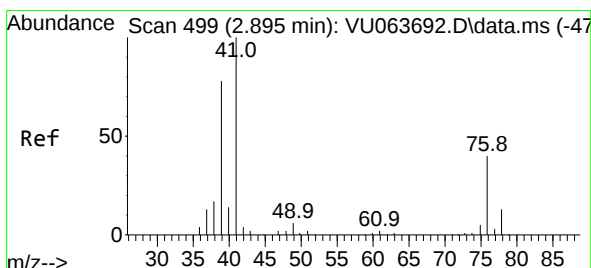
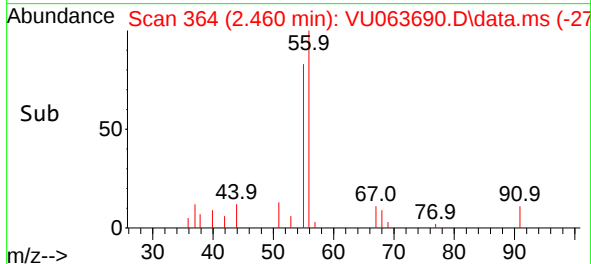
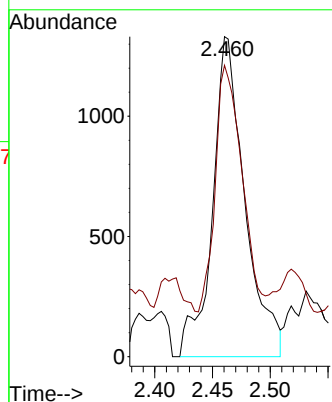
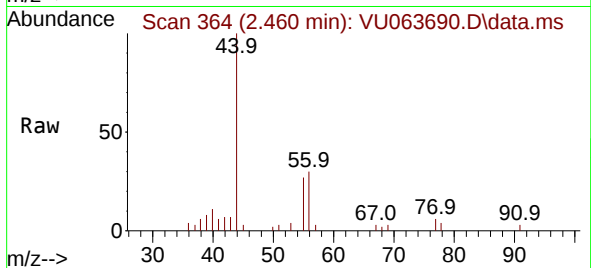
VSTDIC005

Tgt Ion: 56 Resp: 2594

Ion Ratio Lower Upper

56 100

55 63.1 47.1 70.7



#14

Allyl chloride

Concen: 5.302 ug/l

RT: 2.894 min Scan# 499

Delta R.T. -0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

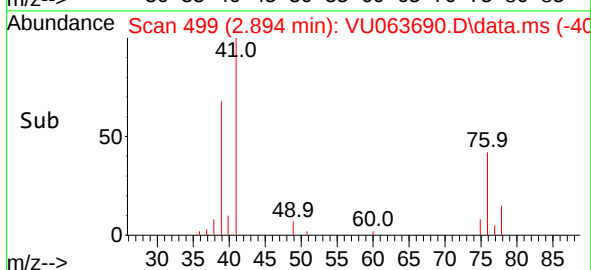
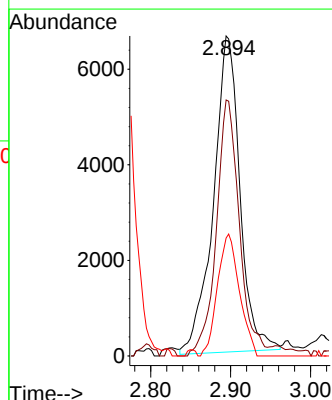
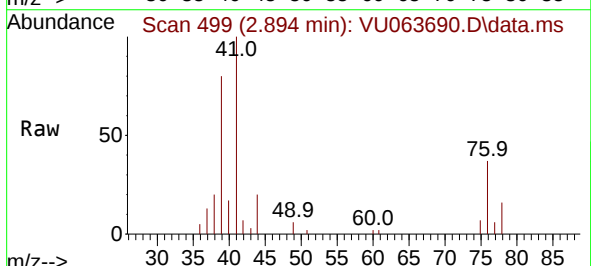
Tgt Ion: 41 Resp: 15204

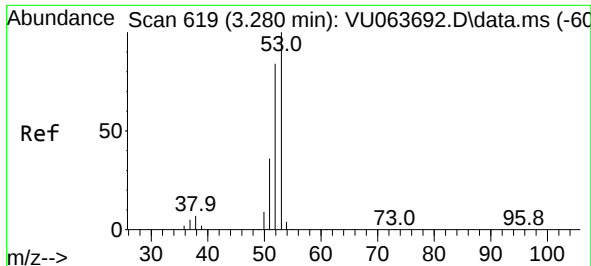
Ion Ratio Lower Upper

41 100

39 70.5 53.1 79.7

76 31.9 26.4 39.6

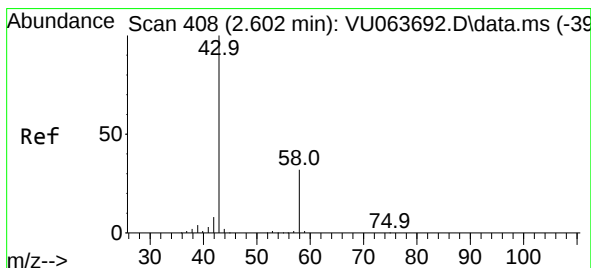
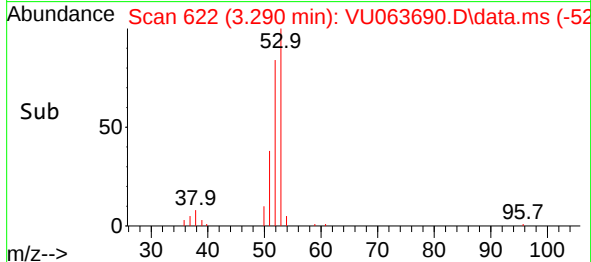
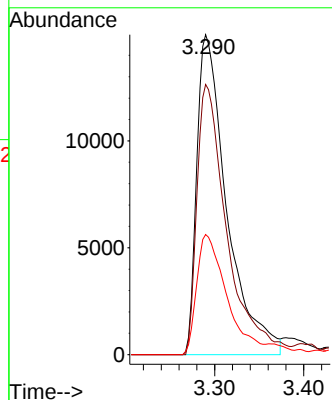
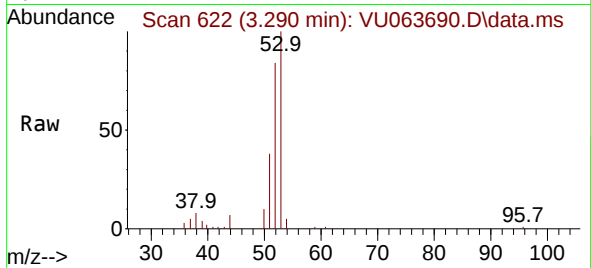




#15  
Acrylonitrile  
Concen: 25.082 ug/l  
RT: 3.290 min Scan# 619  
Delta R.T. 0.009 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

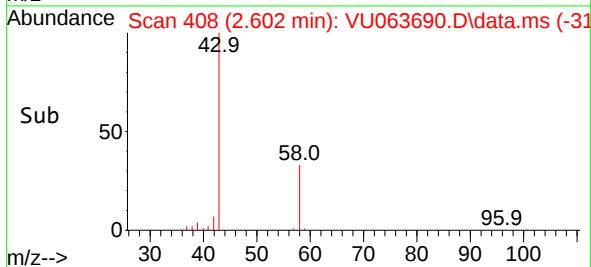
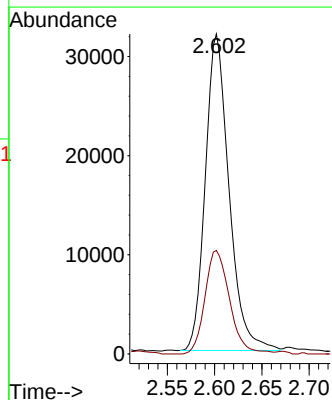
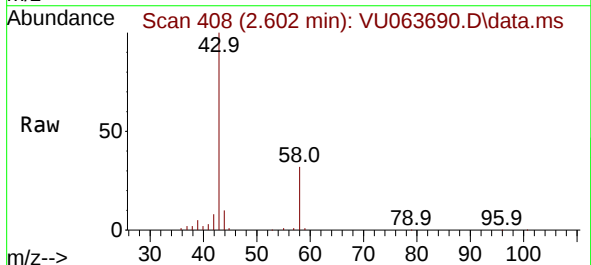
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MSVOA\_U  
ClientSampleId :  
VSTDIC005

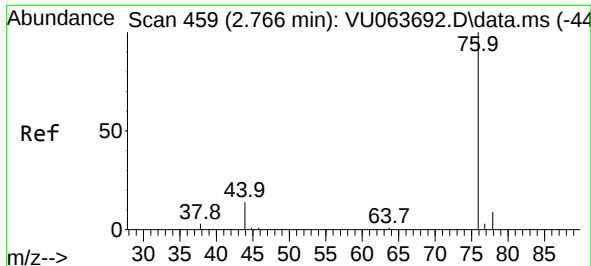
|             |                 |
|-------------|-----------------|
| Tgt Ion: 53 | Resp: 35011     |
| Ion Ratio   | Lower Upper     |
| 53          | 100             |
| 52          | 84.4 67.5 101.3 |
| 51          | 37.5 29.0 43.6  |



#16  
Acetone  
Concen: 30.612 ug/l  
RT: 2.602 min Scan# 408  
Delta R.T. -0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 55607    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 58          | 32.7 25.4 38.2 |

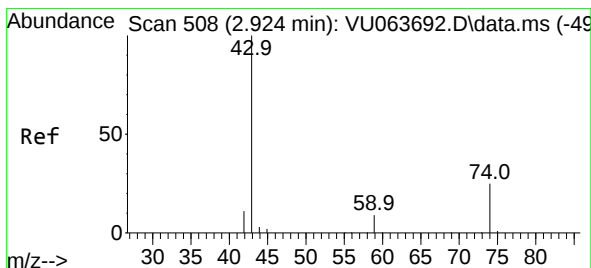
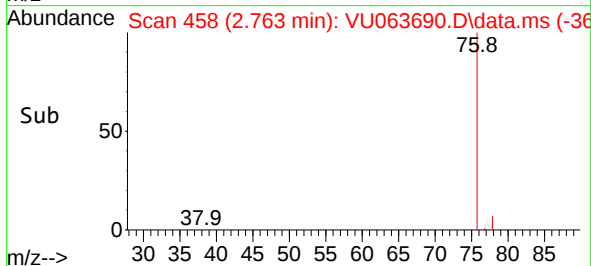
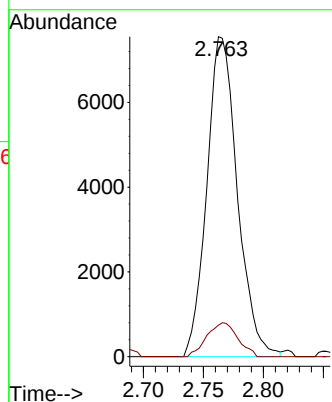
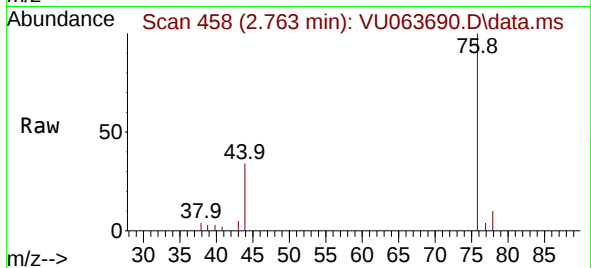




#17  
Carbon Disulfide  
Concen: 6.731 ug/l  
RT: 2.763 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

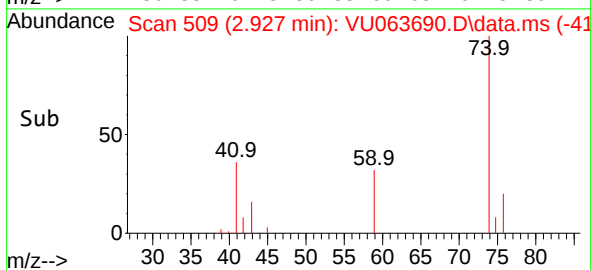
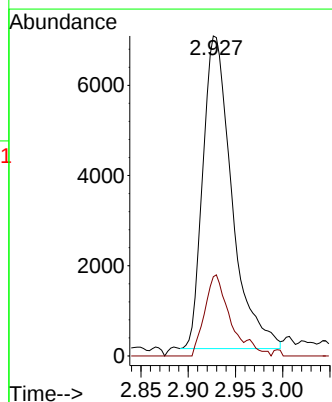
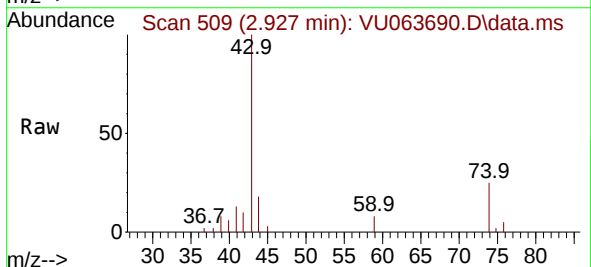
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

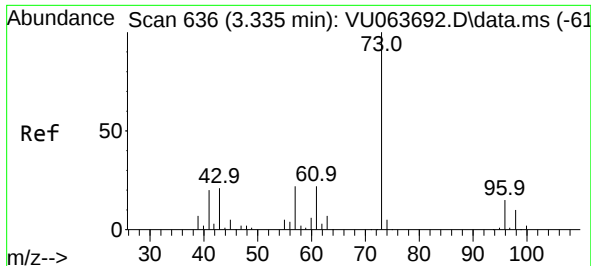
Tgt Ion: 76 Resp: 13380  
Ion Ratio Lower Upper  
76 100  
78 9.9 7.0 10.6



#18  
Methyl Acetate  
Concen: 4.356 ug/l  
RT: 2.927 min Scan# 509  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 43 Resp: 14776  
Ion Ratio Lower Upper  
43 100  
74 21.0 20.6 31.0

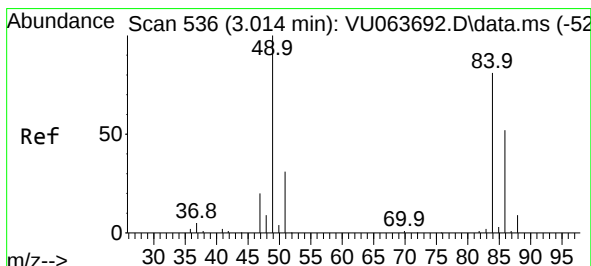
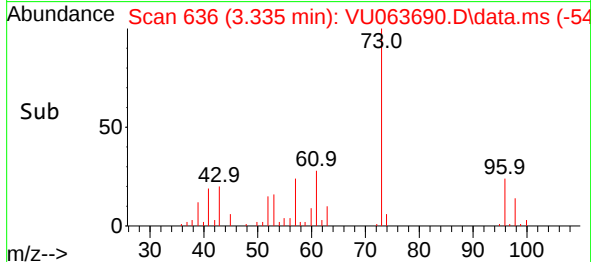
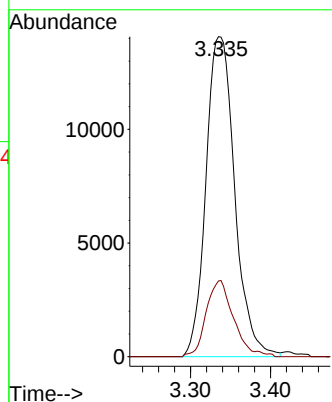
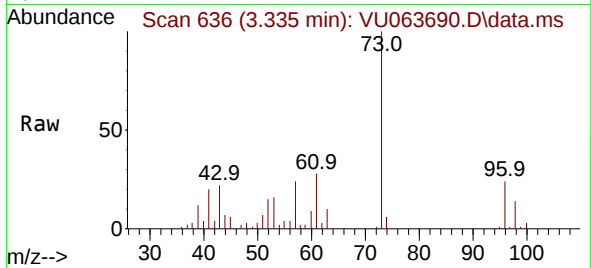




#19  
Methyl tert-butyl Ether  
Concen: 5.076 ug/l  
RT: 3.335 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

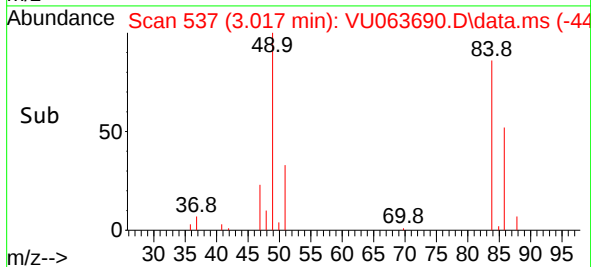
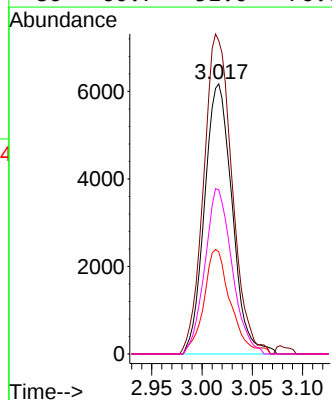
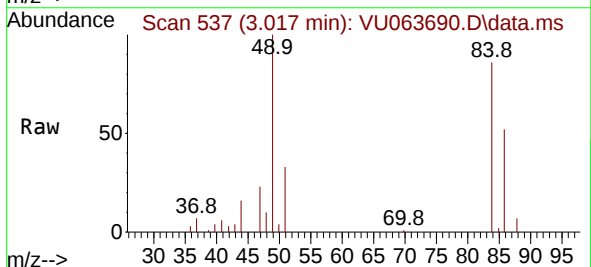
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

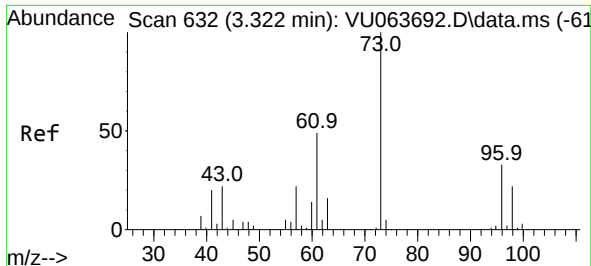
Tgt Ion: 73 Resp: 35218  
Ion Ratio Lower Upper  
73 100  
57 23.6 17.4 26.2



#20  
Methylene Chloride  
Concen: 5.776 ug/l  
RT: 3.017 min Scan# 537  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 84 Resp: 11806  
Ion Ratio Lower Upper  
84 100  
49 116.0 98.4 147.6  
51 37.8 30.1 45.1  
86 60.7 51.0 76.6

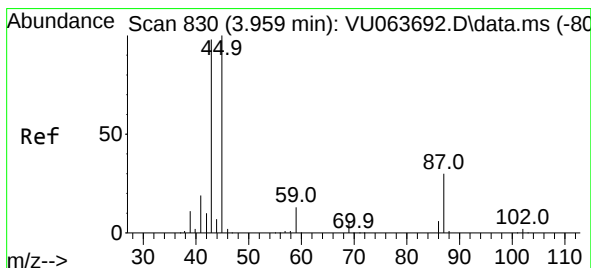
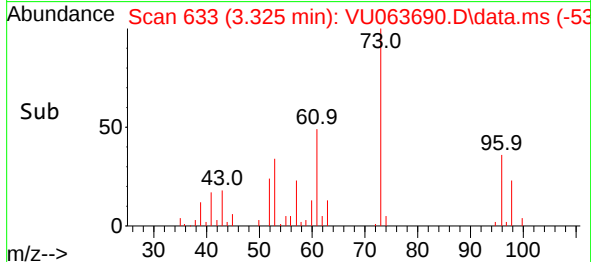
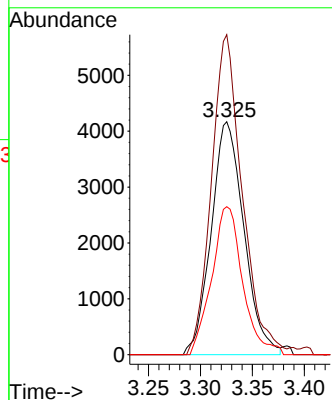
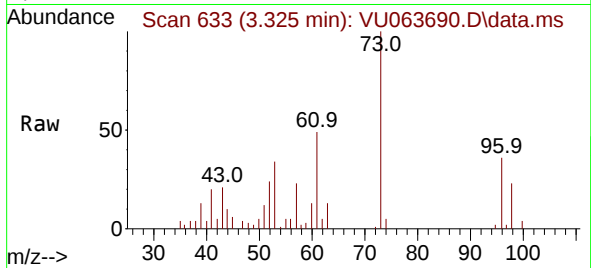




#21  
trans-1,2-Dichloroethene  
Concen: 5.776 ug/l  
RT: 3.325 min Scan# 611  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

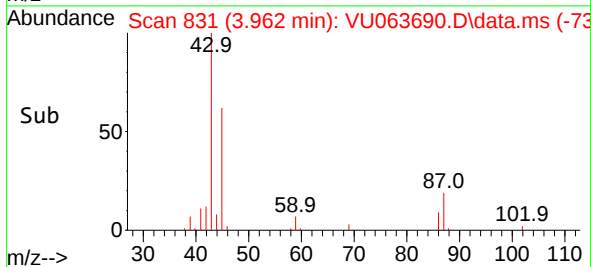
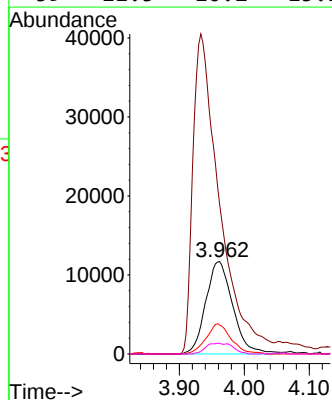
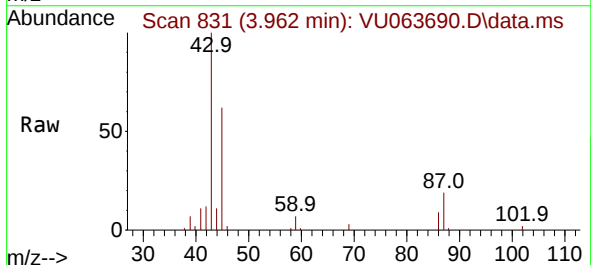
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC005

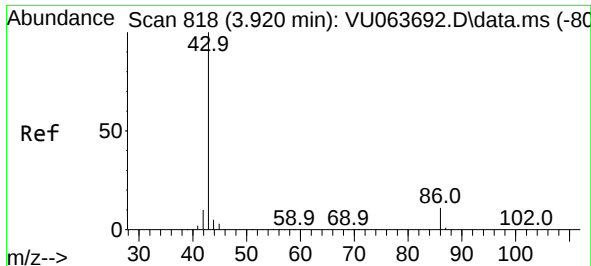
Tgt Ion: 96 Resp: 9119  
Ion Ratio Lower Upper  
96 100  
61 137.3 117.5 176.3  
98 63.5 52.7 79.1



#22  
Diisopropyl ether  
Concen: 5.361 ug/l  
RT: 3.962 min Scan# 831  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 45 Resp: 33861  
Ion Ratio Lower Upper  
45 100  
43 162.3 78.1 117.1#  
87 31.4 23.8 35.8  
59 11.5 10.2 15.2

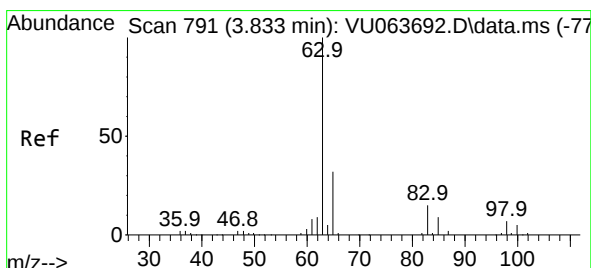
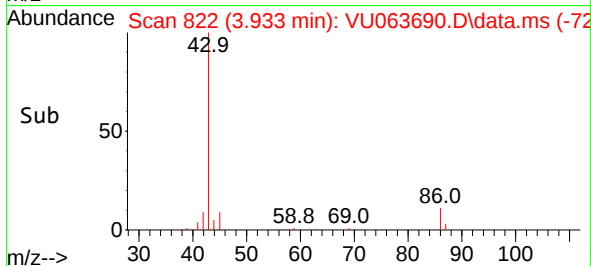
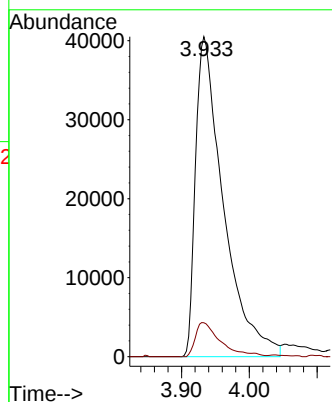
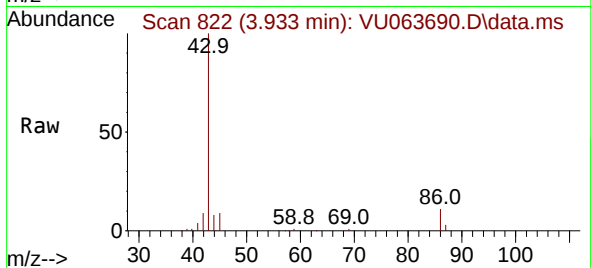




#23  
 Vinyl Acetate  
 Concen: 26.927 ug/l  
 RT: 3.933 min Scan# 818  
 Delta R.T. 0.013 min  
 Lab File: VU063690.D  
 Acq: 10 Nov 2025 11:20

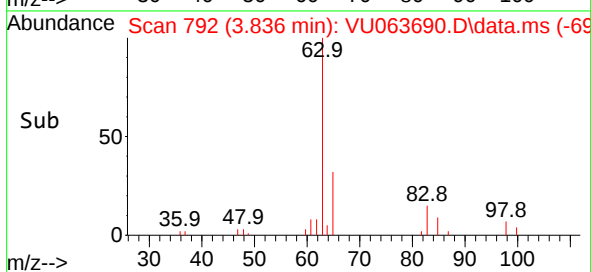
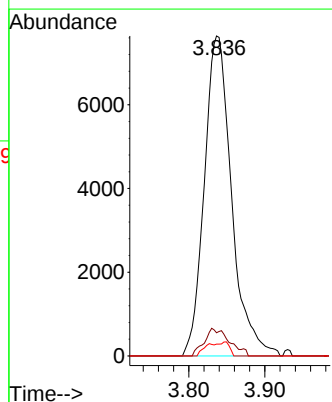
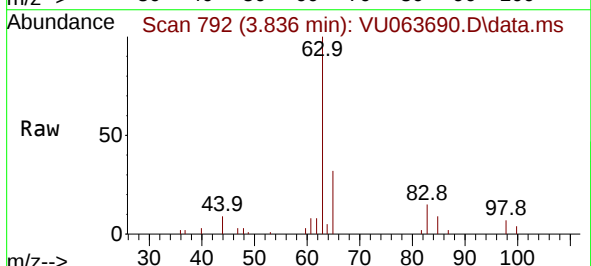
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC005

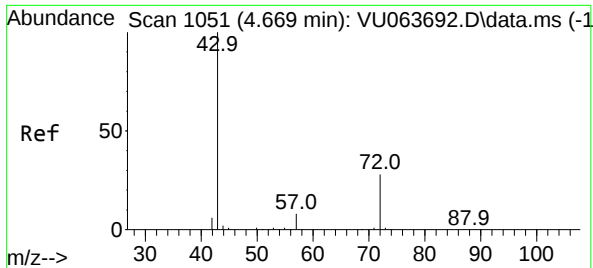
Tgt Ion: 43 Resp: 115991  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 8.7 13.1



#24  
 1,1-Dichloroethane  
 Concen: 5.230 ug/l  
 RT: 3.836 min Scan# 792  
 Delta R.T. 0.003 min  
 Lab File: VU063690.D  
 Acq: 10 Nov 2025 11:20

Tgt Ion: 63 Resp: 19053  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.7 11.1  
 100 3.7 2.5 7.5





#25

2-Butanone

Concen: 27.119 ug/l

RT: 4.682 min Scan# 1055

Delta R.T. 0.013 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA\_U

ClientSampleId :

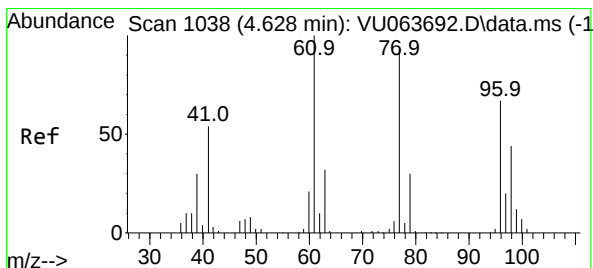
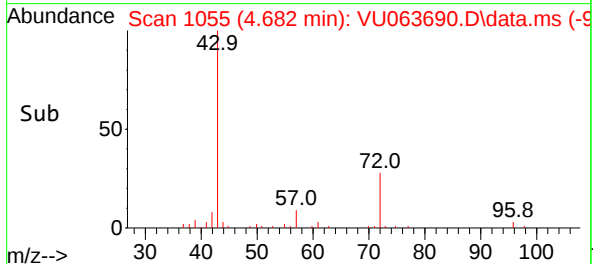
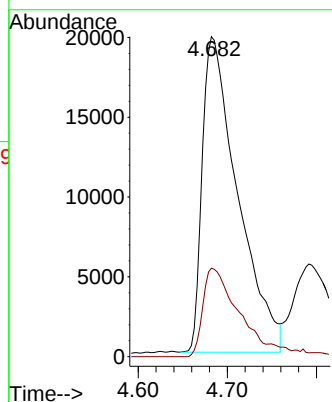
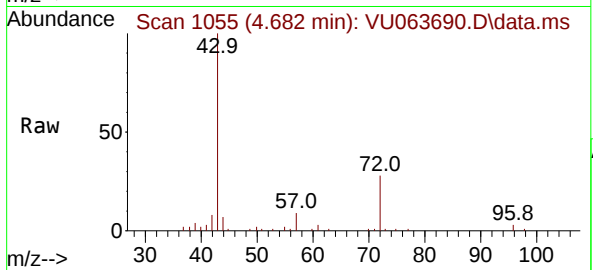
VSTDIC005

Tgt Ion: 43 Resp: 54548

Ion Ratio Lower Upper

43 100

72 28.1 22.0 33.0



#26

2,2-Dichloropropane

Concen: 4.822 ug/l

RT: 4.631 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VU063690.D

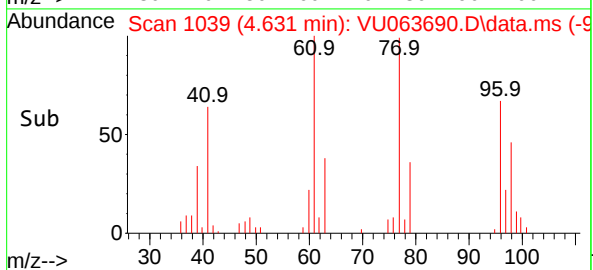
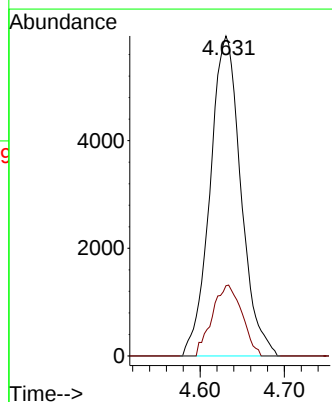
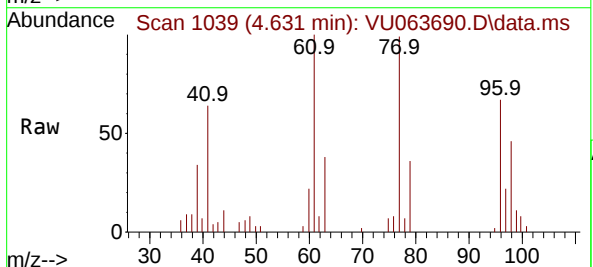
Acq: 10 Nov 2025 11:20

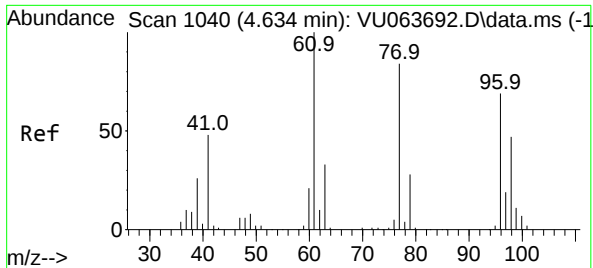
Tgt Ion: 77 Resp: 15088

Ion Ratio Lower Upper

77 100

97 21.4 10.9 32.9

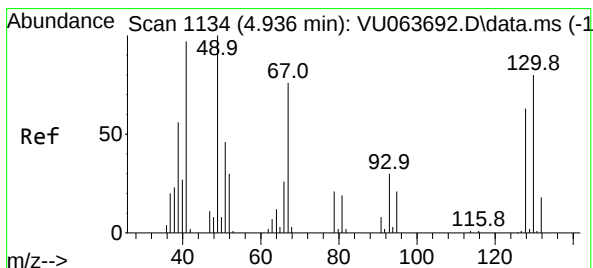
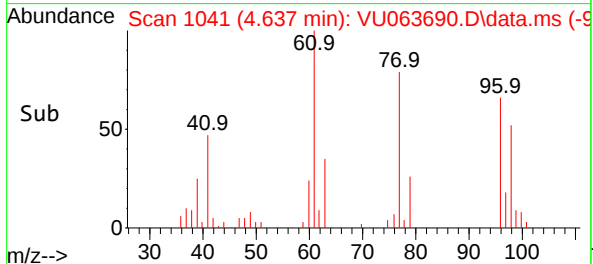
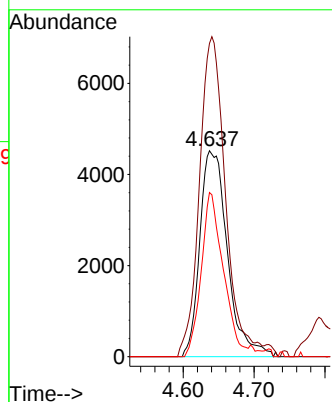
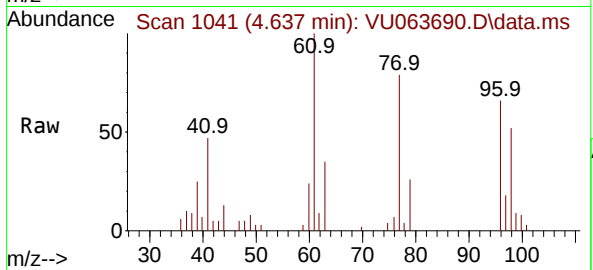




#27  
 cis-1,2-Dichloroethene  
 Concen: 5.308 ug/l  
 RT: 4.637 min Scan# 1041  
 Delta R.T. 0.003 min  
 Lab File: VU063690.D  
 Acq: 10 Nov 2025 11:20

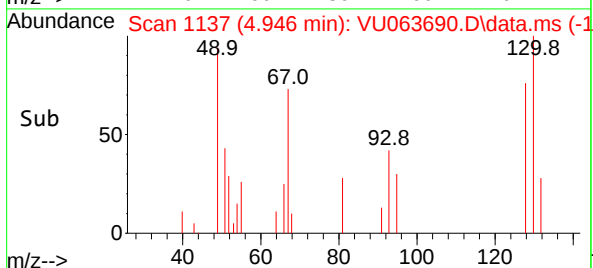
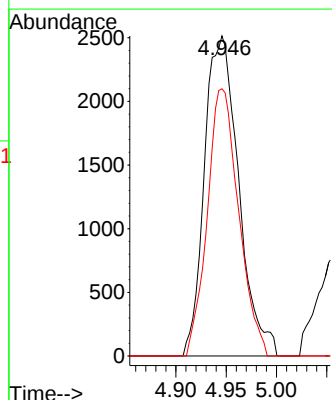
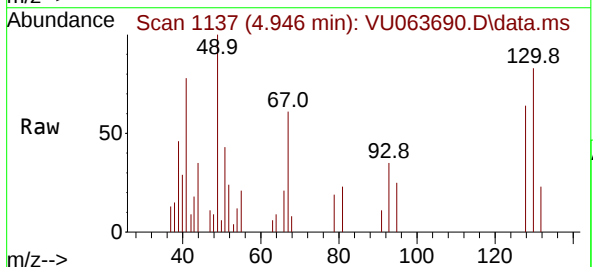
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC005

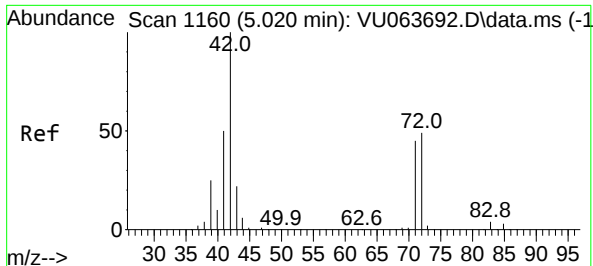
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 12243 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 146.3 | 0.0   | 295.4 |
| 98       | 63.8  | 0.0   | 131.8 |



#28  
 Bromochloromethane  
 Concen: 4.083 ug/l  
 RT: 4.946 min Scan# 1137  
 Delta R.T. 0.009 min  
 Lab File: VU063690.D  
 Acq: 10 Nov 2025 11:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 5951  |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.0   | 0.0   | 3.6   |
| 130      | 76.6  | 65.1  | 97.7  |





#29

Tetrahydrofuran

Concen: 26.024 ug/l

RT: 5.026 min Scan# 1160

Delta R.T. 0.006 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC005

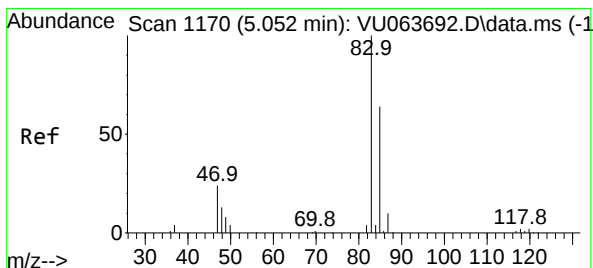
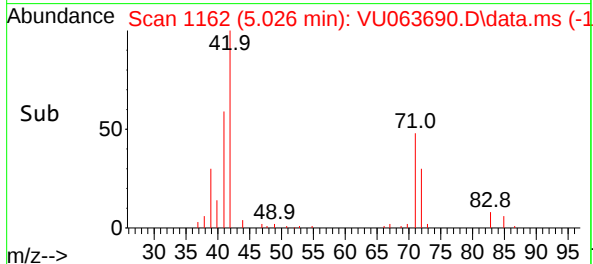
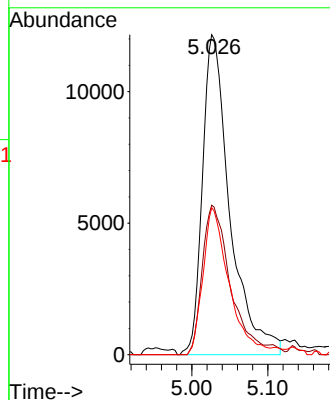
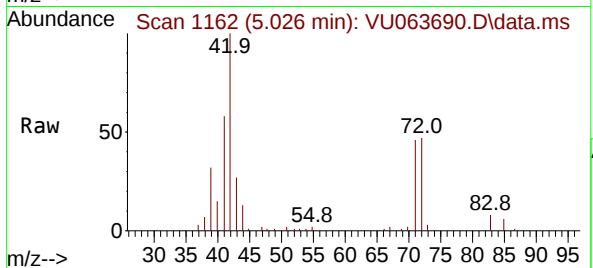
Tgt Ion: 42 Resp: 30459

Ion Ratio Lower Upper

42 100

72 47.8 40.0 60.0

71 43.7 37.4 56.0



#30

Chloroform

Concen: 5.261 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VU063690.D

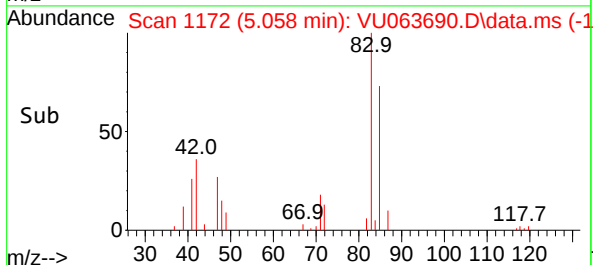
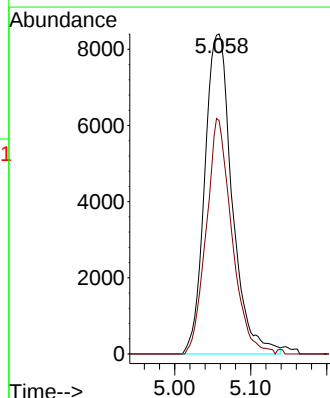
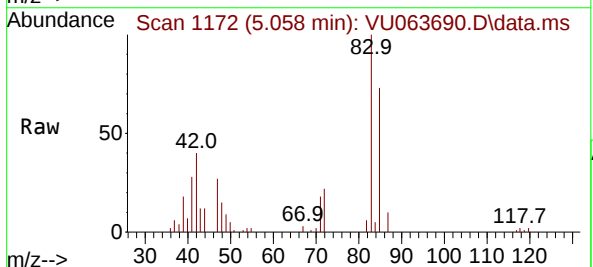
Acq: 10 Nov 2025 11:20

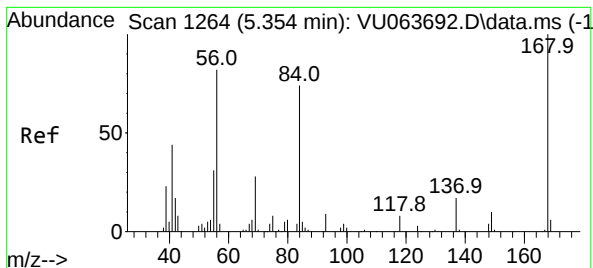
Tgt Ion: 83 Resp: 20996

Ion Ratio Lower Upper

83 100

85 72.9 51.0 76.6





#31

Cyclohexane

Concen: 6.149 ug/l

RT: 5.354 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC005

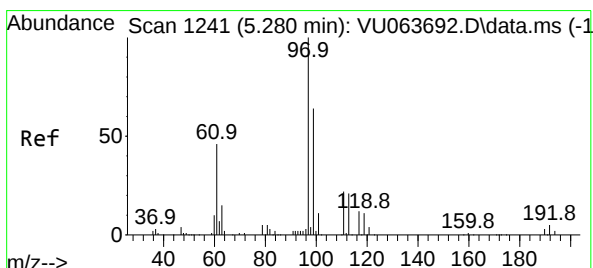
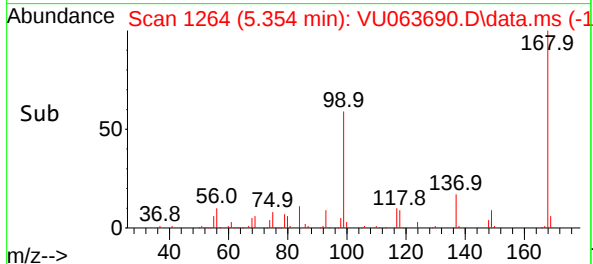
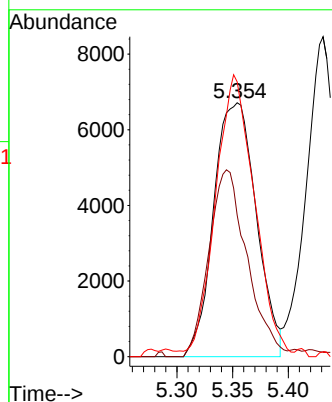
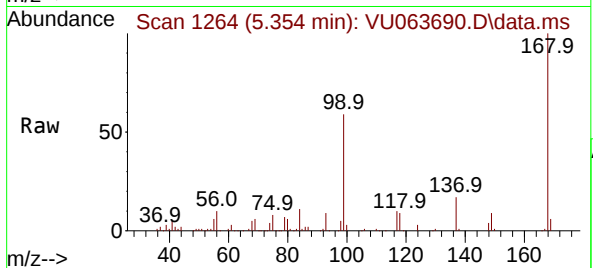
Tgt Ion: 56 Resp: 17864

Ion Ratio Lower Upper

56 100

69 55.8 27.0 40.6#

84 106.0 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 5.173 ug/l

RT: 5.283 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

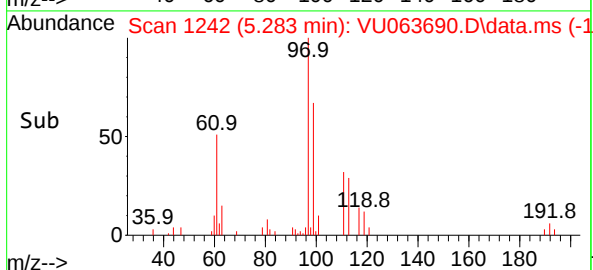
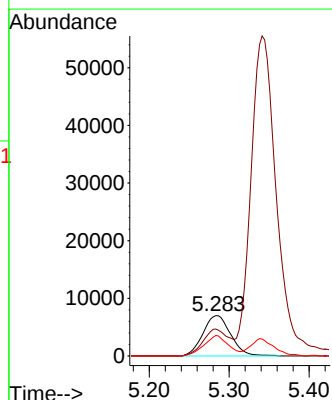
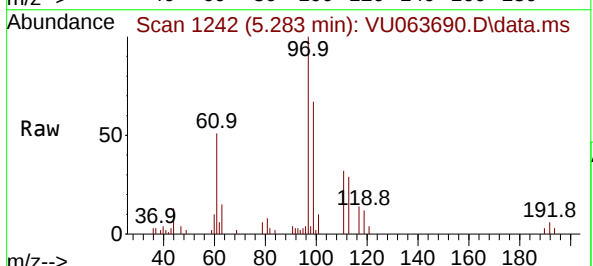
Tgt Ion: 97 Resp: 16942

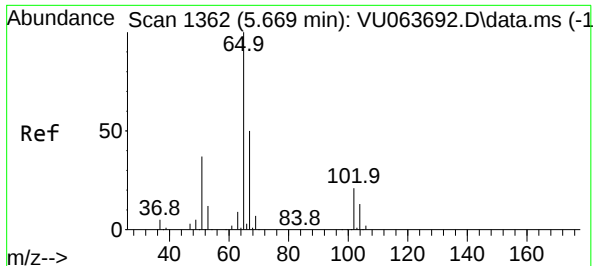
Ion Ratio Lower Upper

97 100

99 61.6 49.8 74.8

61 44.5 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 5.422 ug/l

RT: 5.676 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA\_U

ClientSampleId :

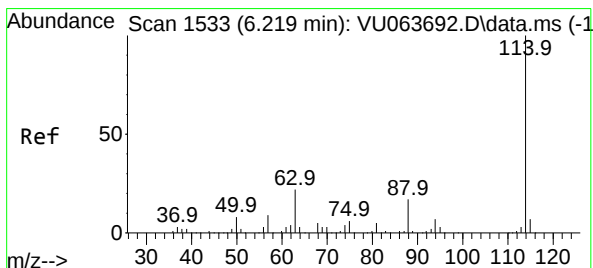
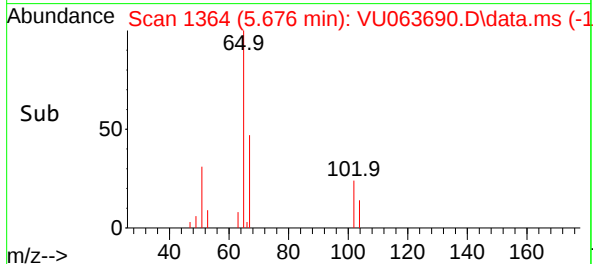
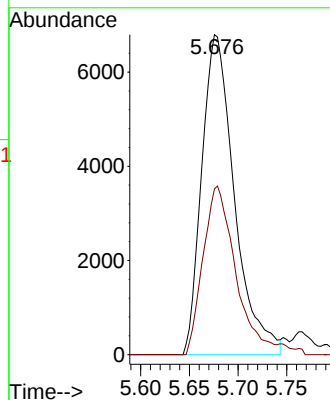
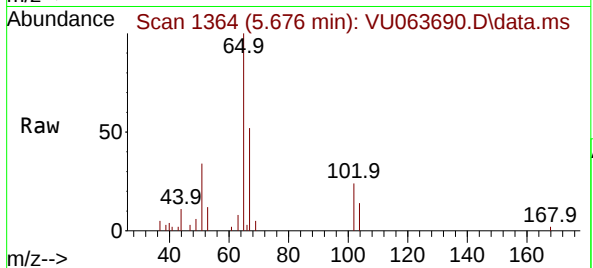
VSTDIC005

Tgt Ion: 65 Resp: 15839

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.219 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

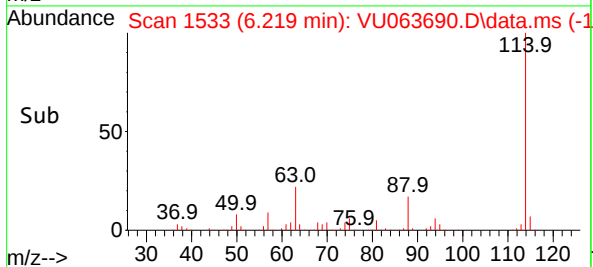
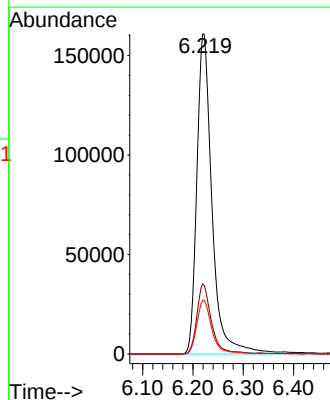
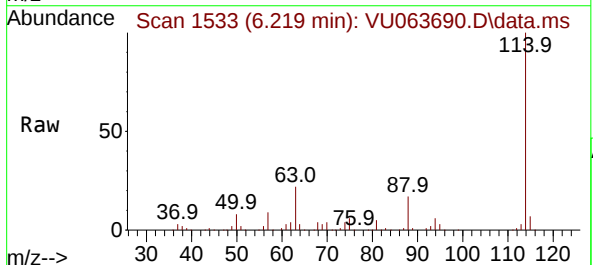
Tgt Ion: 114 Resp: 336995

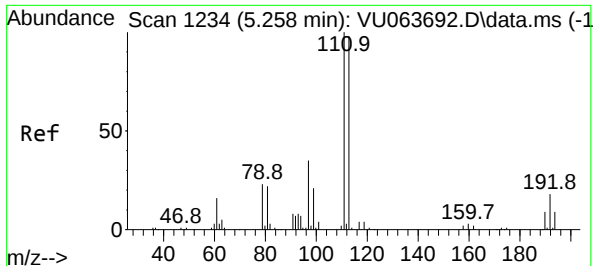
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

88 16.8 0.0 33.6

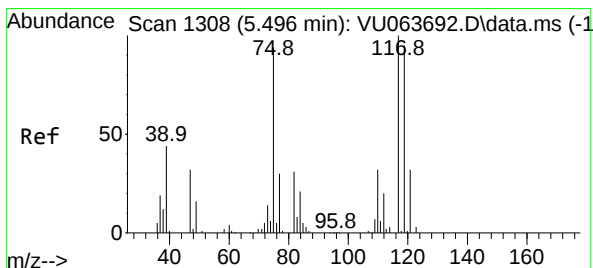
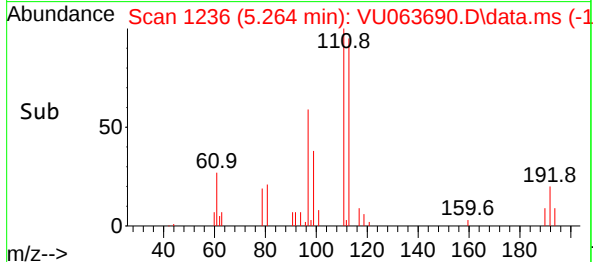
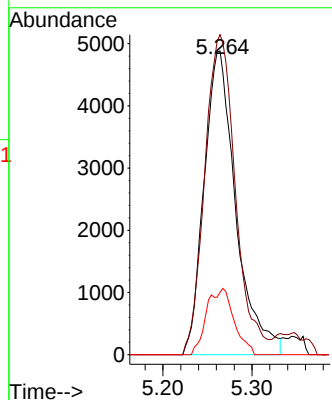
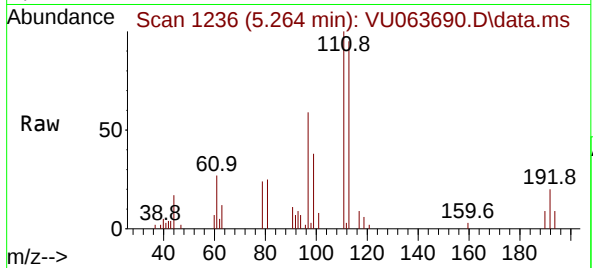




#35  
Dibromofluoromethane  
Concen: 5.118 ug/l  
RT: 5.264 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

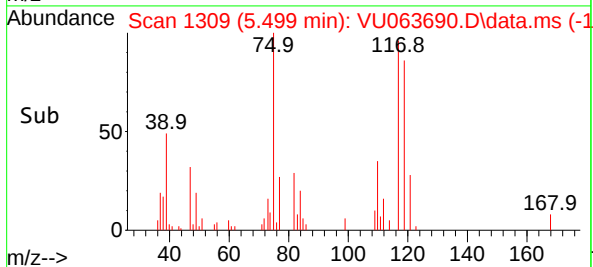
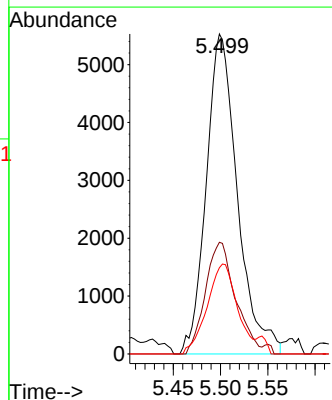
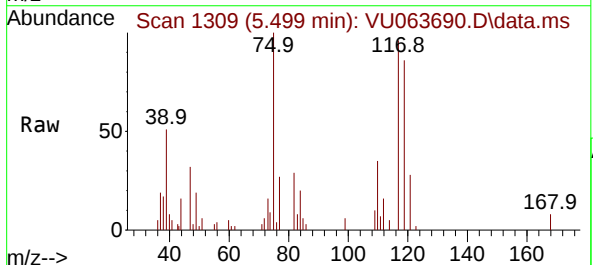
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

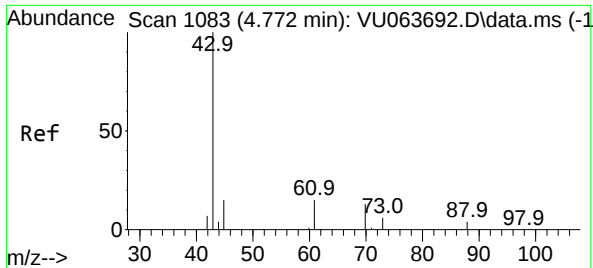
Tgt Ion:113 Resp: 12079  
Ion Ratio Lower Upper  
113 100  
111 101.8 82.4 123.6  
192 18.9 15.4 23.0



#36  
1,1-Dichloropropene  
Concen: 5.269 ug/l  
RT: 5.499 min Scan# 1309  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 75 Resp: 12659  
Ion Ratio Lower Upper  
75 100  
110 33.9 17.3 51.7  
77 27.0 24.4 36.6





#37

Ethyl Acetate

Concen: 5.958 ug/l m

RT: 4.791 min Scan# 1089

Delta R.T. 0.019 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC005

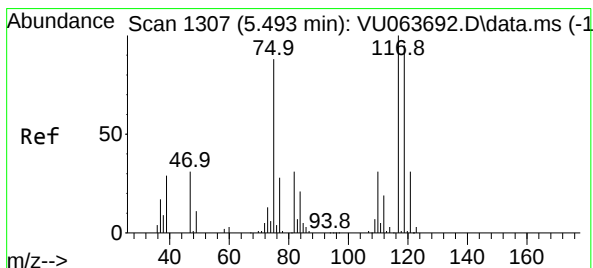
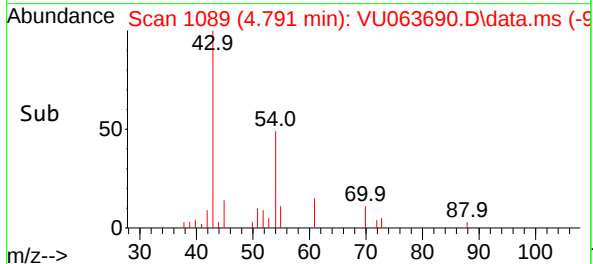
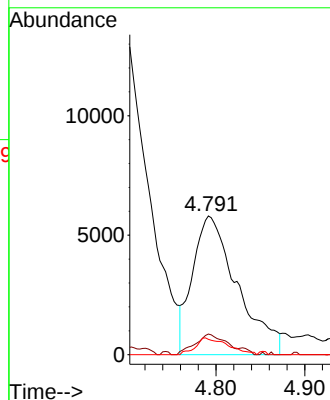
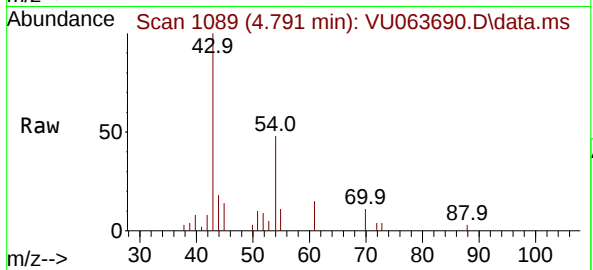
Tgt Ion: 43 Resp: 20350

Ion Ratio Lower Upper

43 100

61 10.0 10.3 15.5#

70 8.7 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 4.832 ug/l

RT: 5.496 min Scan# 1308

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

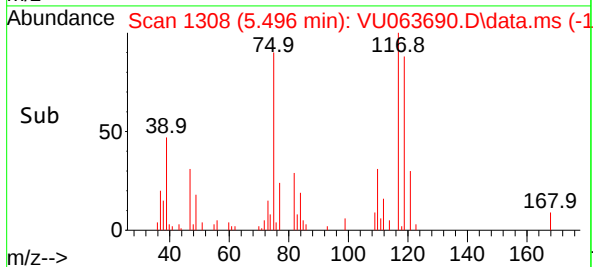
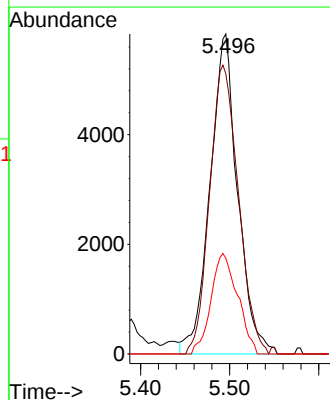
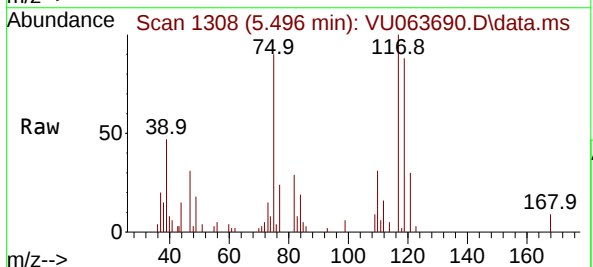
Tgt Ion: 117 Resp: 12546

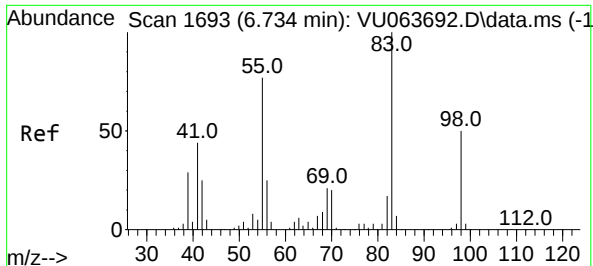
Ion Ratio Lower Upper

117 100

119 87.6 76.1 114.1

121 30.0 24.6 37.0

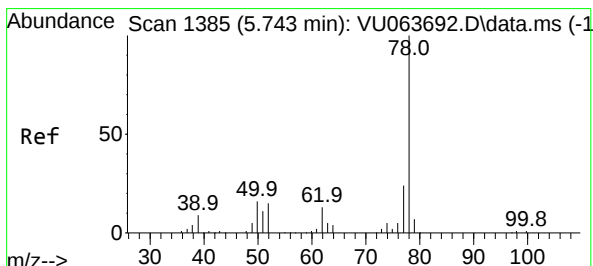
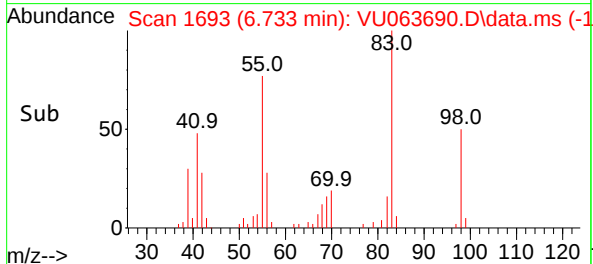
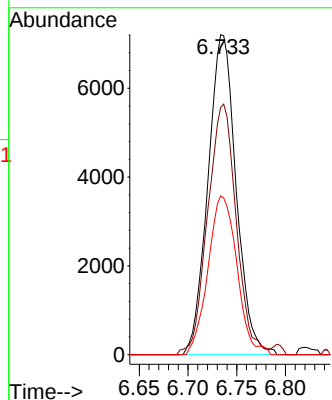
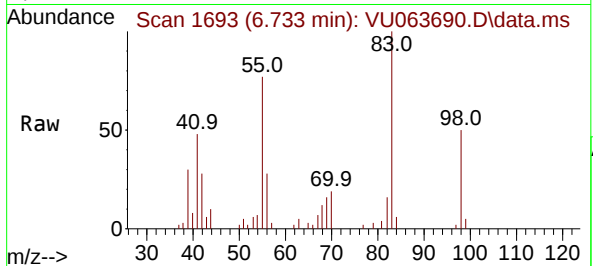




#39  
Methylcyclohexane  
Concen: 5.317 ug/l  
RT: 6.733 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

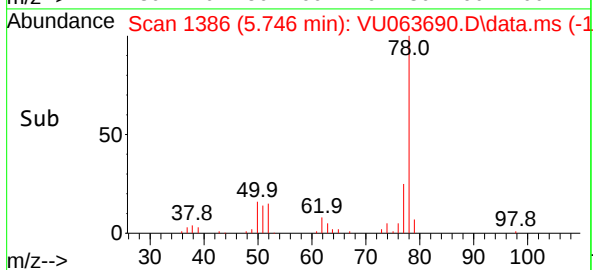
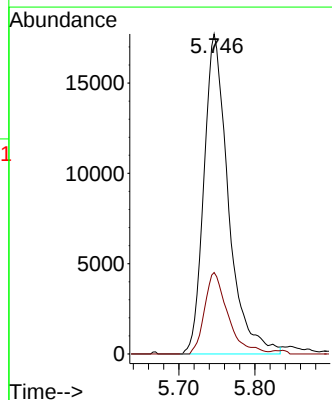
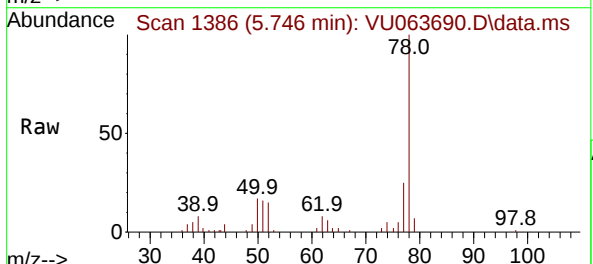
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC005

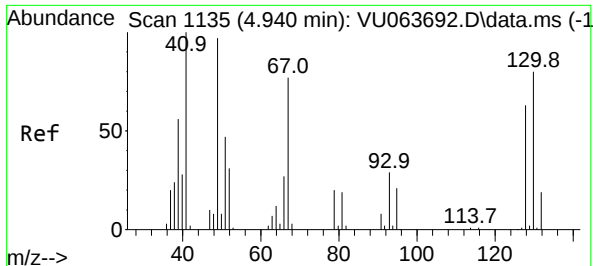
Tgt Ion: 83 Resp: 14501  
Ion Ratio Lower Upper  
83 100  
55 75.8 61.6 92.4  
98 49.6 40.0 60.0



#40  
Benzene  
Concen: 5.108 ug/l  
RT: 5.746 min Scan# 1386  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 78 Resp: 39597  
Ion Ratio Lower Upper  
78 100  
77 25.4 18.9 28.3

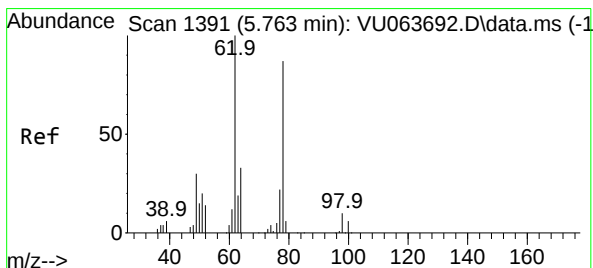
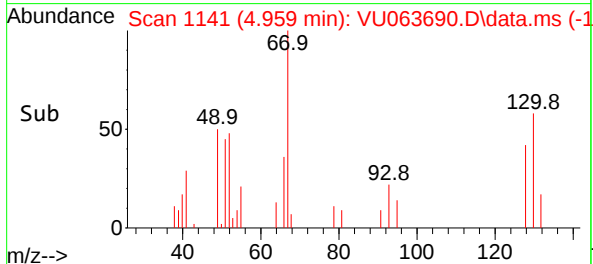
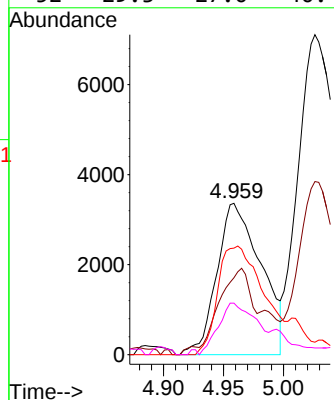
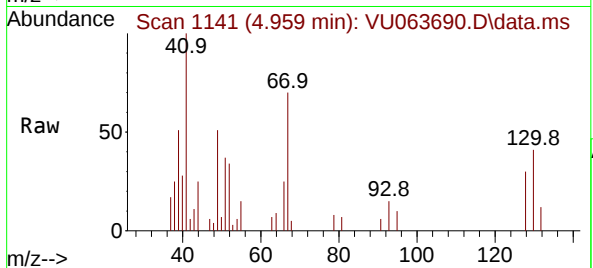




#41  
Methacrylonitrile  
Concen: 4.869 ug/l  
RT: 4.959 min Scan# 1141  
Delta R.T. 0.019 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

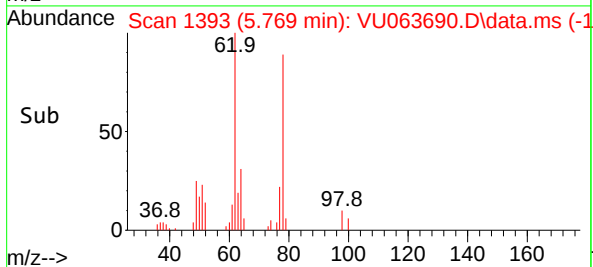
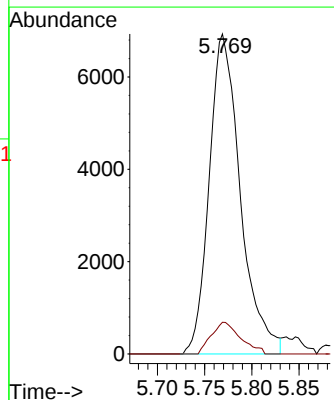
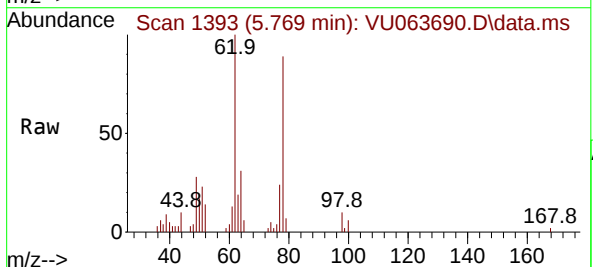
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

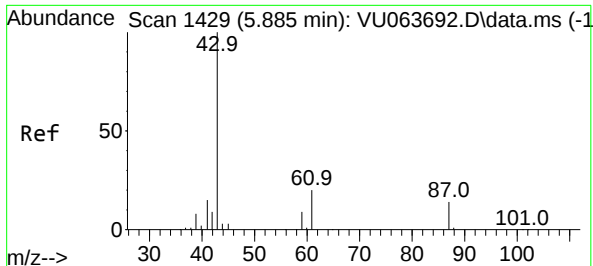
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 8608  |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 45.1     | 44.7 67.1   |
| 67 75.8     | 67.4 101.2  |
| 52 29.3     | 27.0 40.4   |



#42  
1,2-Dichloroethane  
Concen: 5.189 ug/l  
RT: 5.769 min Scan# 1393  
Delta R.T. 0.006 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 15866 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 9.3      | 0.0 18.2    |

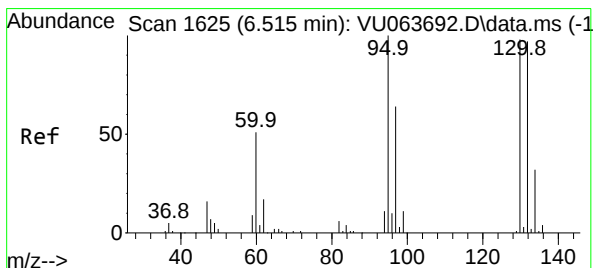
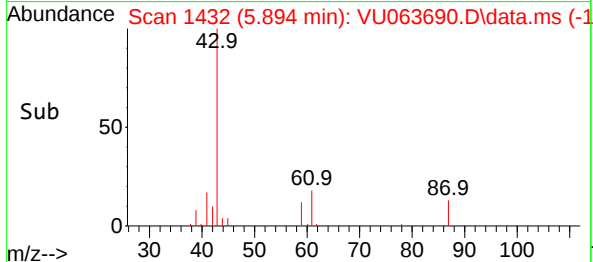
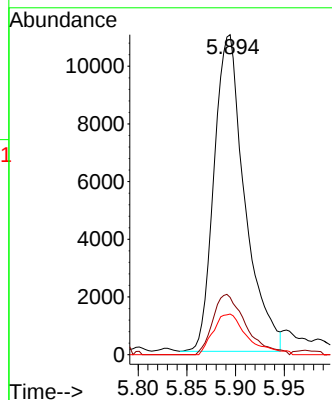
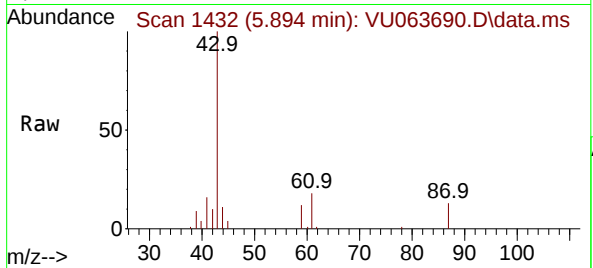




#43  
Isopropyl Acetate  
Concen: 4.822 ug/l  
RT: 5.894 min Scan# 1429  
Delta R.T. 0.009 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

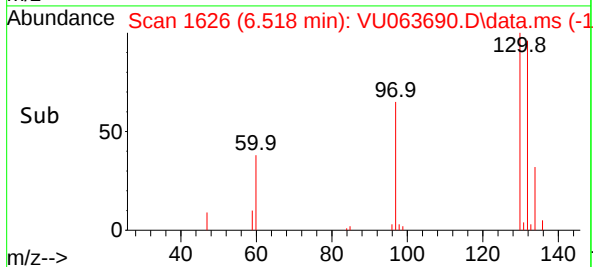
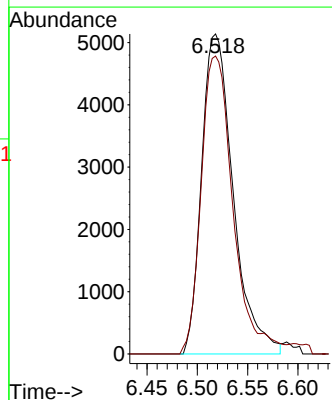
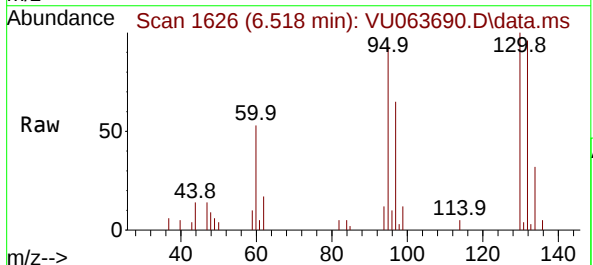
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

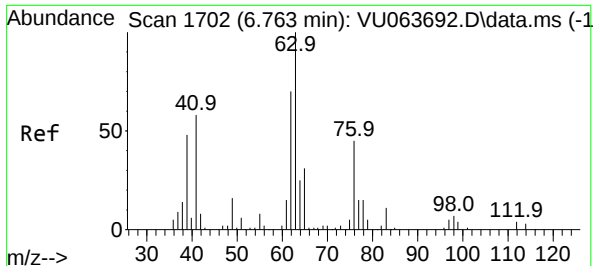
|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 24043    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 20.4 15.9 23.9 |
| 87          | 14.3 11.0 16.6 |



#44  
Trichloroethene  
Concen: 5.163 ug/l  
RT: 6.518 min Scan# 1626  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

|              |                |
|--------------|----------------|
| Tgt Ion: 130 | Resp: 11229    |
| Ion Ratio    | Lower Upper    |
| 130          | 100            |
| 95           | 93.1 0.0 203.6 |





#45

1,2-Dichloropropane

Concen: 5.202 ug/l

RT: 6.762 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA\_U

ClientSampleId :

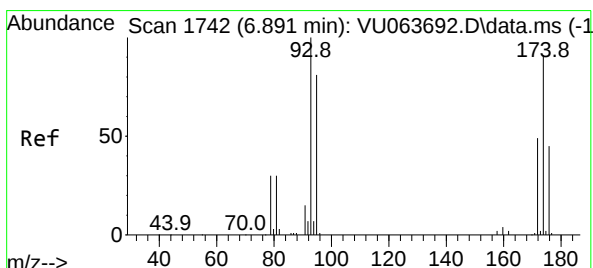
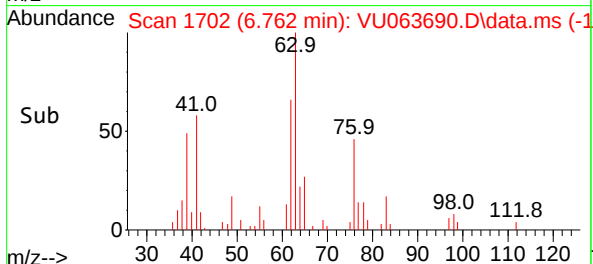
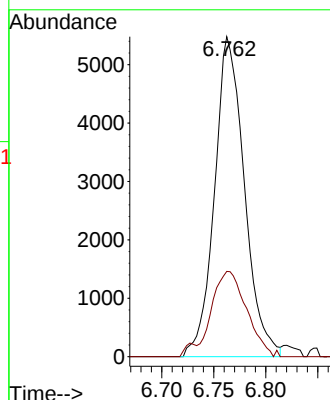
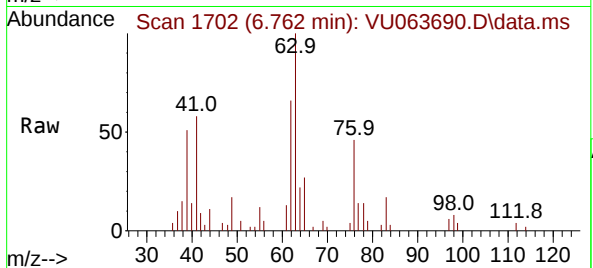
VSTDIC005

Tgt Ion: 63 Resp: 10962

Ion Ratio Lower Upper

63 100

65 26.7 24.9 37.3



#46

Dibromomethane

Concen: 5.013 ug/l

RT: 6.897 min Scan# 1744

Delta R.T. 0.006 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

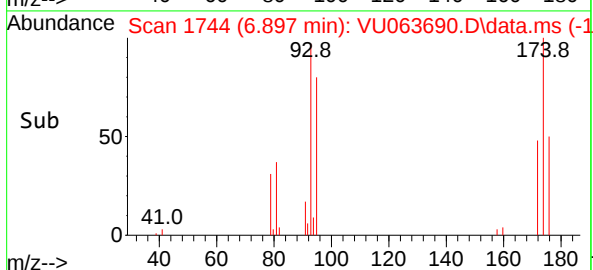
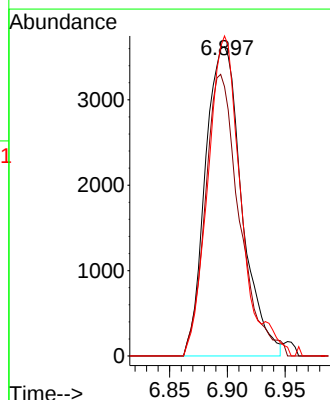
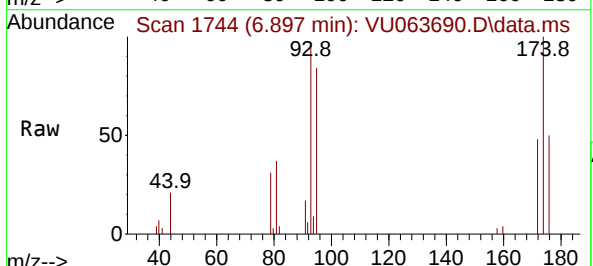
Tgt Ion: 93 Resp: 7933

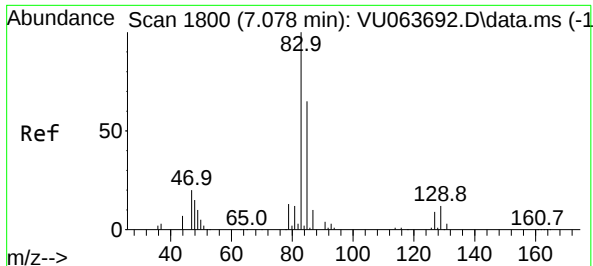
Ion Ratio Lower Upper

93 100

95 85.5 65.9 98.9

174 93.8 74.9 112.3





#47

Bromodichloromethane

Concen: 4.690 ug/l

RT: 7.077 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC005

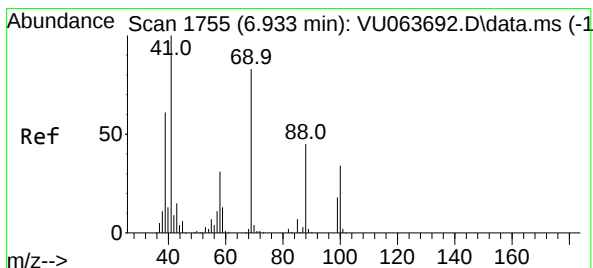
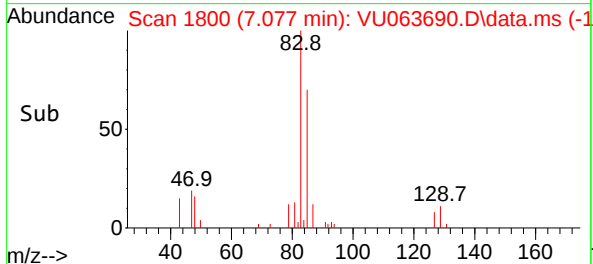
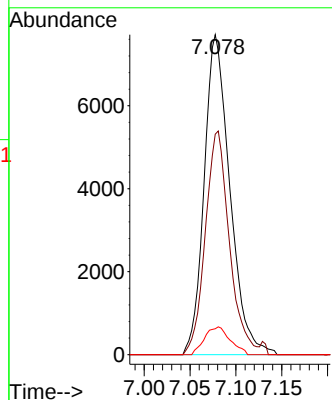
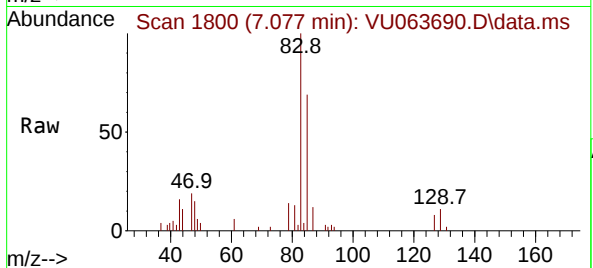
Tgt Ion: 83 Resp: 15046

Ion Ratio Lower Upper

83 100

85 68.9 51.9 77.9

127 8.1 6.9 10.3



#48

Methyl methacrylate

Concen: 4.728 ug/l

RT: 6.942 min Scan# 1758

Delta R.T. 0.009 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

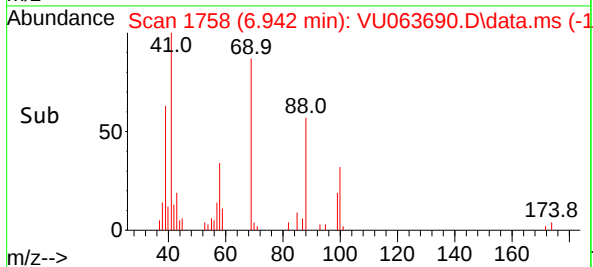
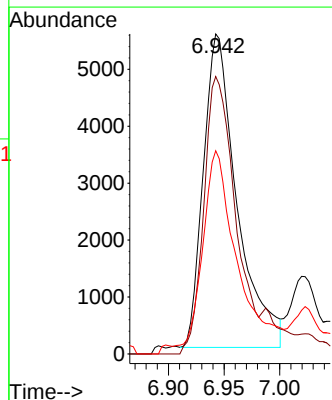
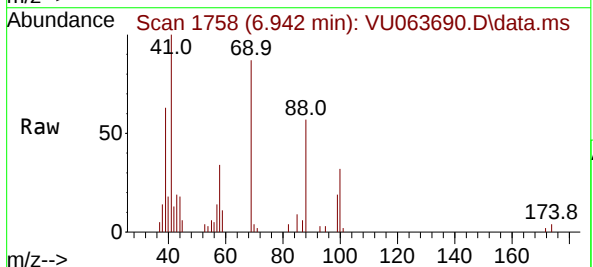
Tgt Ion: 41 Resp: 11571

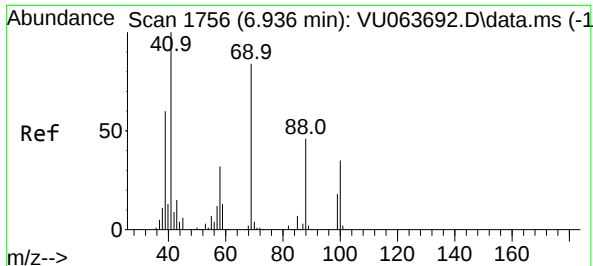
Ion Ratio Lower Upper

41 100

69 82.4 72.9 109.3

39 62.2 51.0 76.4

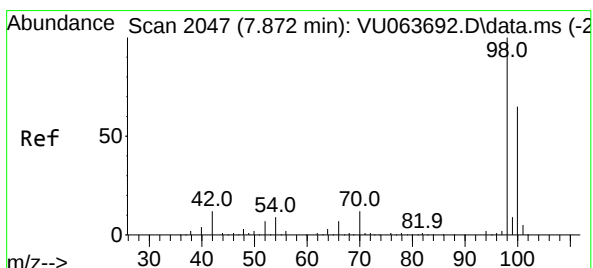
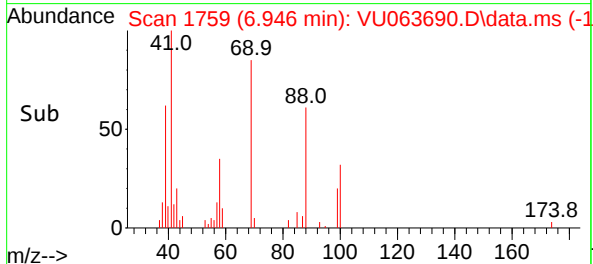
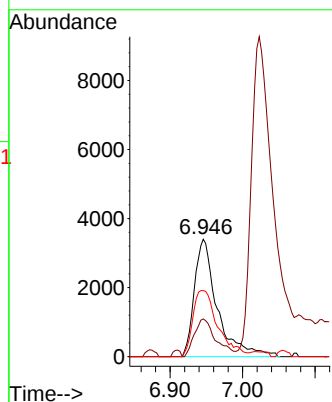
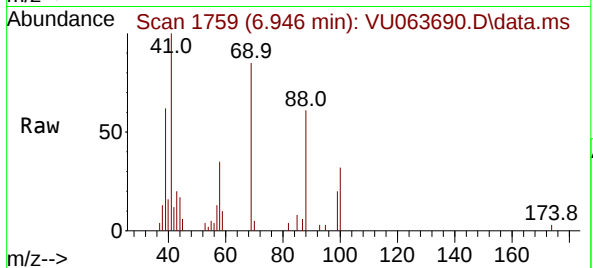




#49  
1,4-Dioxane  
Concen: 114.931 ug/l  
RT: 6.946 min Scan# 1756  
Delta R.T. 0.009 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

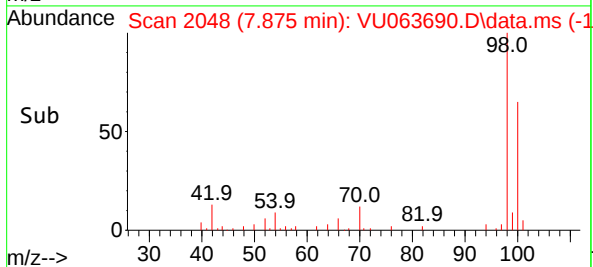
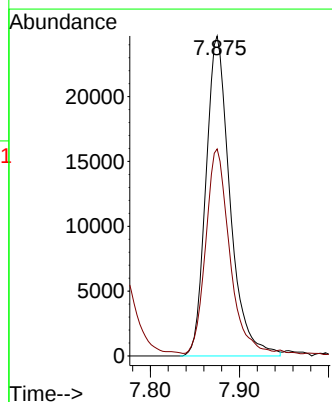
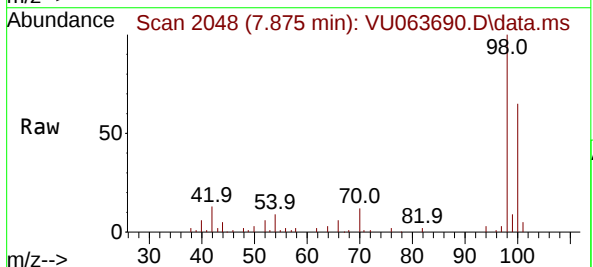
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

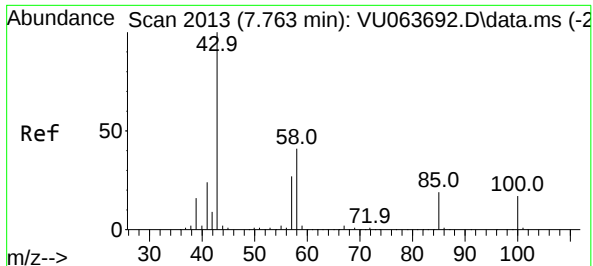
Tgt Ion: 88 Resp: 7452  
Ion Ratio Lower Upper  
88 100  
43 30.5 24.1 36.1  
58 61.4 54.2 81.4



#50  
Toluene-d8  
Concen: 5.452 ug/l  
RT: 7.875 min Scan# 2048  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 98 Resp: 46230  
Ion Ratio Lower Upper  
98 100  
100 63.2 52.5 78.7

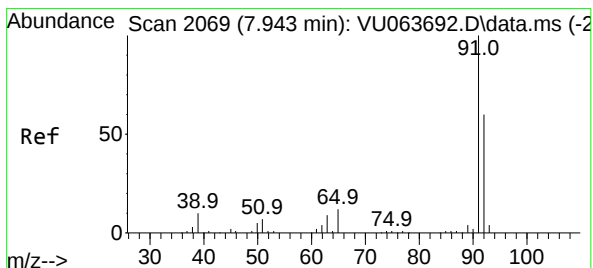
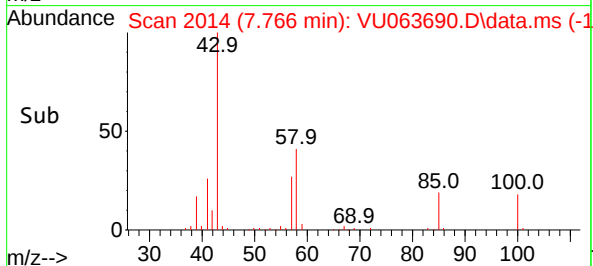
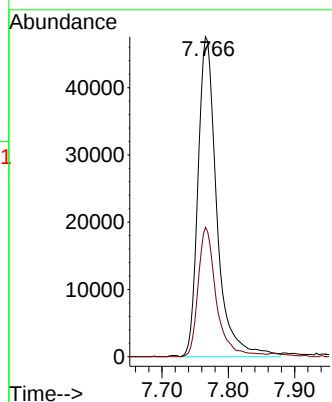
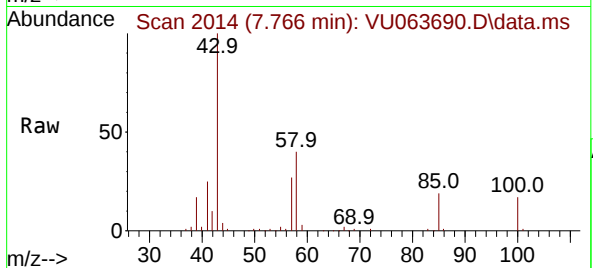




#51  
4-Methyl-2-Pentanone  
Concen: 24.537 ug/l  
RT: 7.766 min Scan# 2014  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

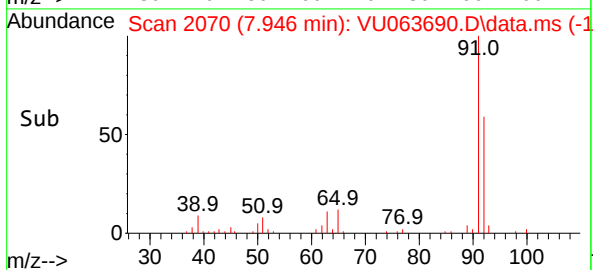
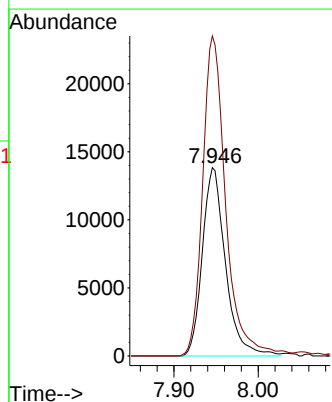
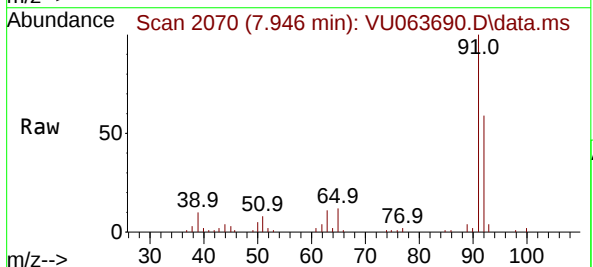
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

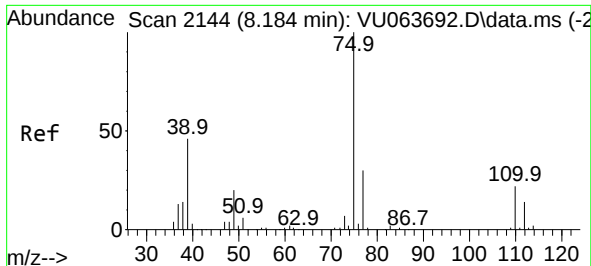
Tgt Ion: 43 Resp: 93618  
Ion Ratio Lower Upper  
43 100  
58 39.2 32.3 48.5



#52  
Toluene  
Concen: 5.254 ug/l  
RT: 7.946 min Scan# 2070  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 92 Resp: 26435  
Ion Ratio Lower Upper  
92 100  
91 168.2 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 4.832 ug/l

RT: 8.190 min Scan# 2145

Delta R.T. 0.006 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA\_U

ClientSampleId :

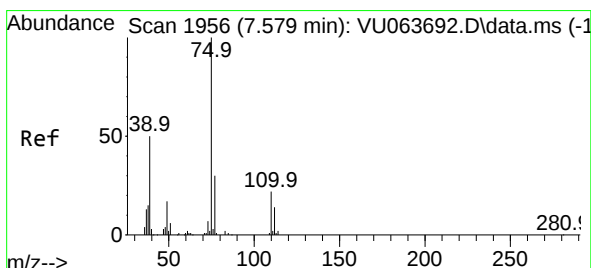
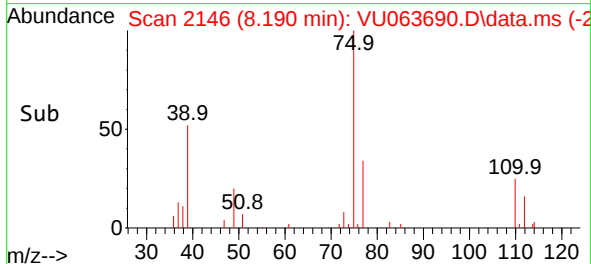
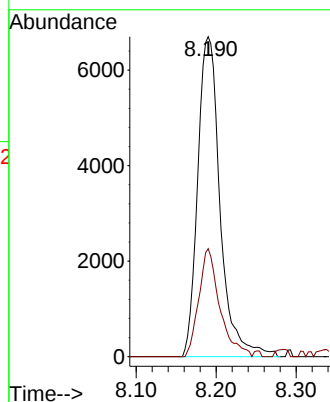
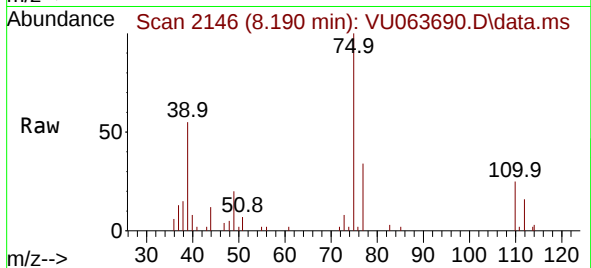
VSTDIC005

Tgt Ion: 75 Resp: 13055

Ion Ratio Lower Upper

75 100

77 33.7 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 4.873 ug/l

RT: 7.582 min Scan# 1957

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

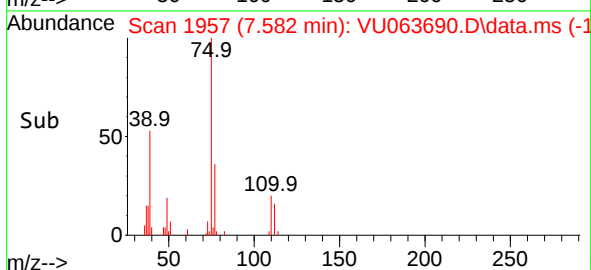
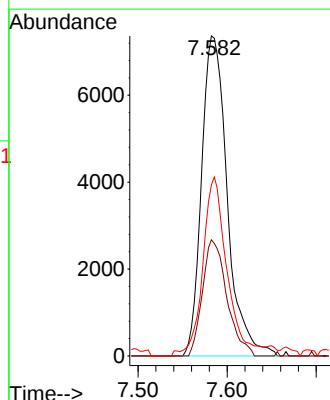
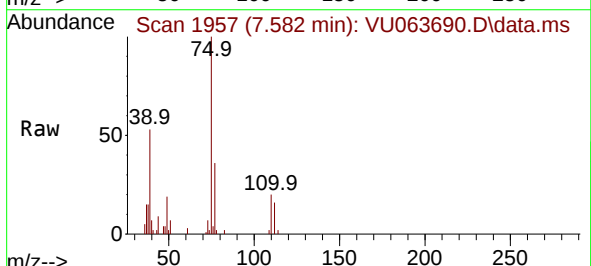
Tgt Ion: 75 Resp: 14754

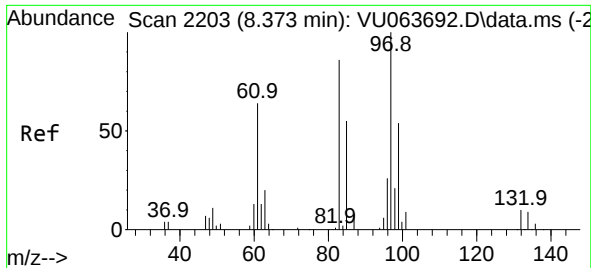
Ion Ratio Lower Upper

75 100

77 36.3 24.3 36.5

39 52.1 40.2 60.2

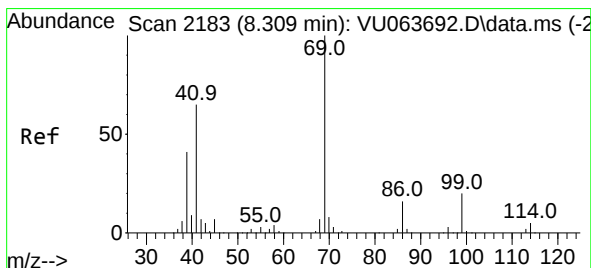
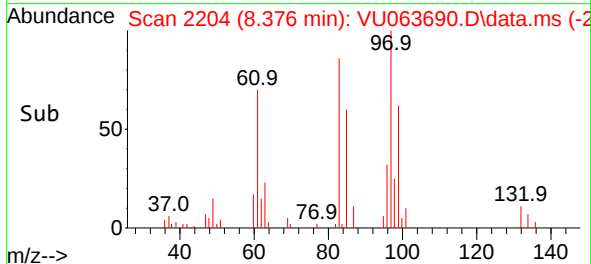
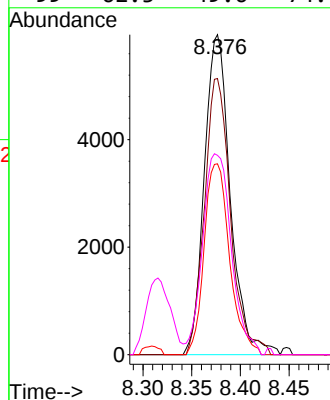
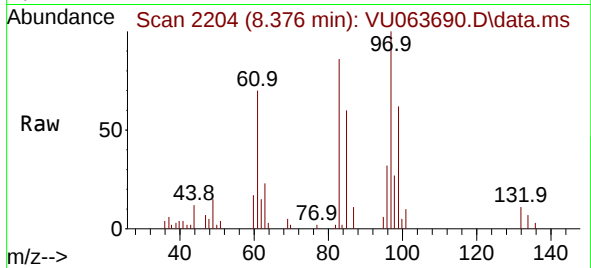




#55  
1,1,2-Trichloroethane  
Concen: 4.789 ug/l  
RT: 8.376 min Scan# 2185  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

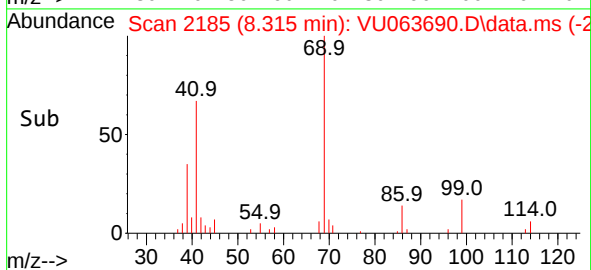
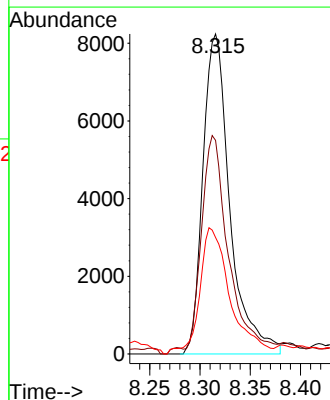
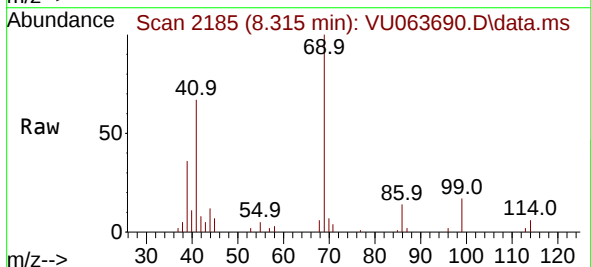
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

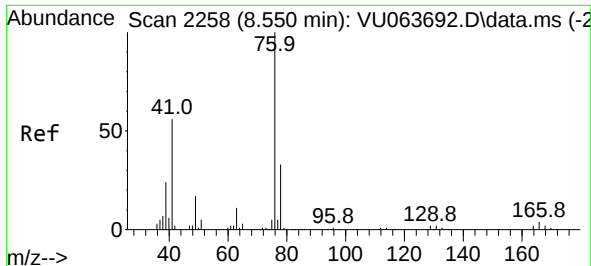
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 11057 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 86.3     | 69.0 103.4  |
| 85 59.7     | 44.2 66.4   |
| 99 62.3     | 49.6 74.4   |



#56  
Ethyl methacrylate  
Concen: 4.519 ug/l  
RT: 8.315 min Scan# 2185  
Delta R.T. 0.006 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 15393 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 64.4     | 51.4 77.2   |
| 39 44.1     | 32.2 48.4   |

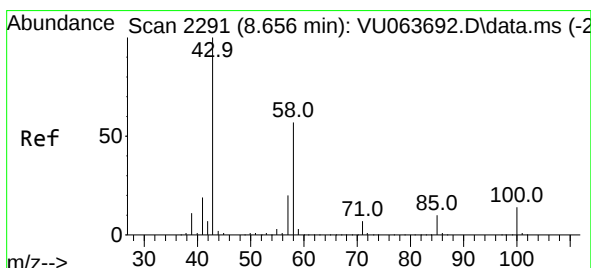
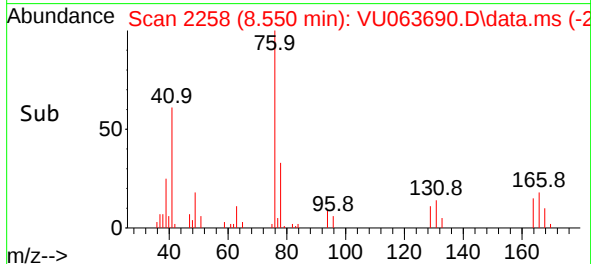
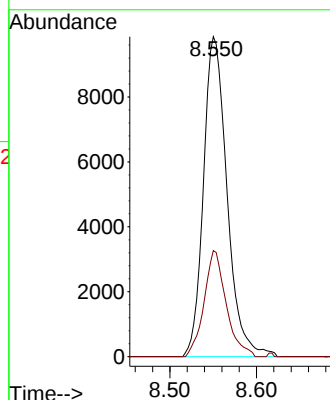
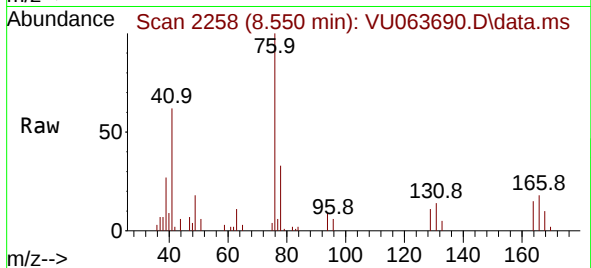




#57  
1,3-Dichloropropane  
Concen: 4.962 ug/l  
RT: 8.550 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

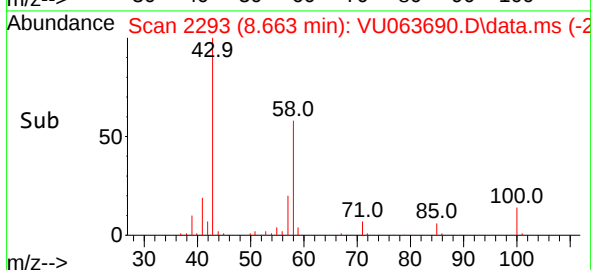
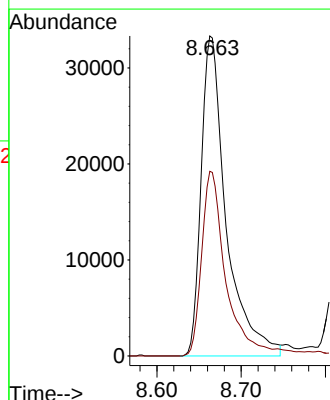
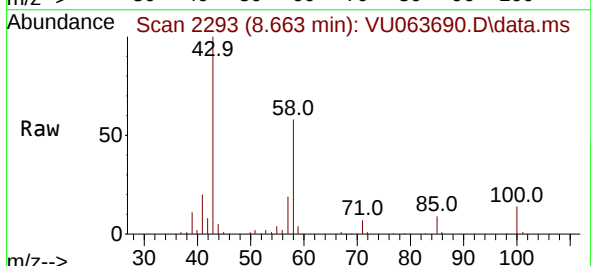
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

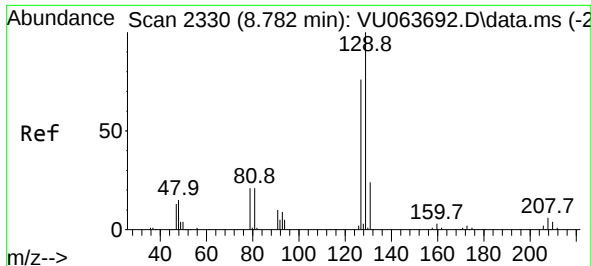
Tgt Ion: 76 Resp: 18688  
Ion Ratio Lower Upper  
76 100  
78 31.0 26.2 39.4



#59  
2-Hexanone  
Concen: 24.216 ug/l  
RT: 8.663 min Scan# 2293  
Delta R.T. 0.006 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 43 Resp: 68816  
Ion Ratio Lower Upper  
43 100  
58 56.8 28.4 85.3

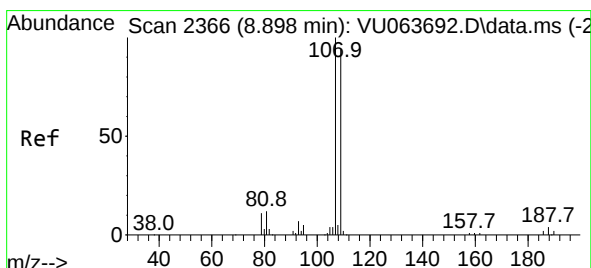
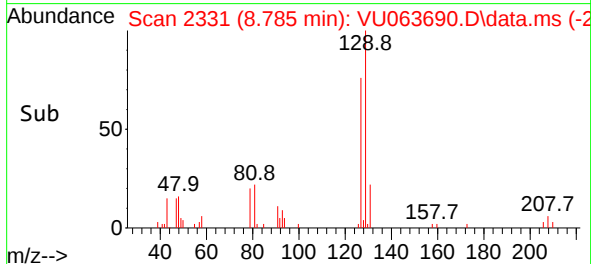
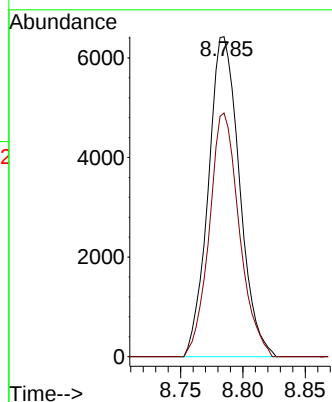
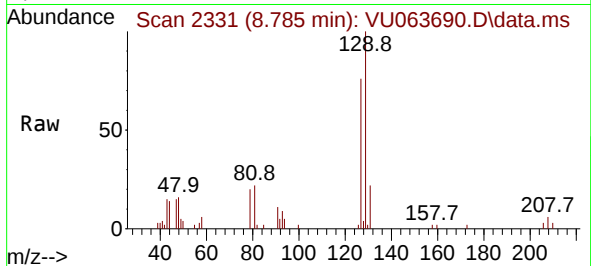




#60  
Dibromochloromethane  
Concen: 4.632 ug/l  
RT: 8.785 min Scan# 211  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

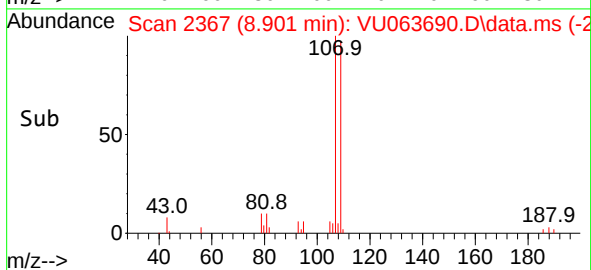
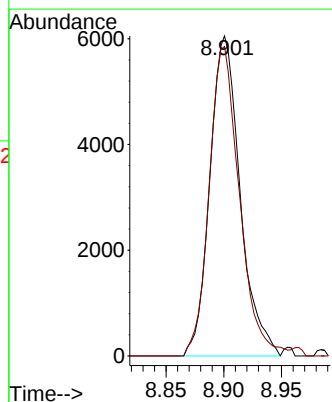
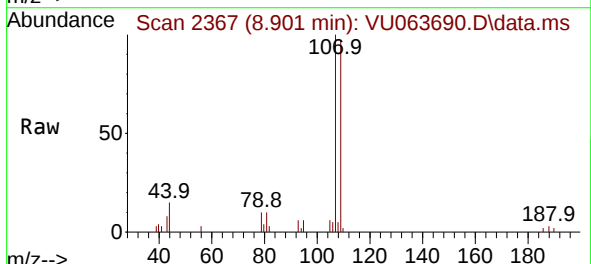
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

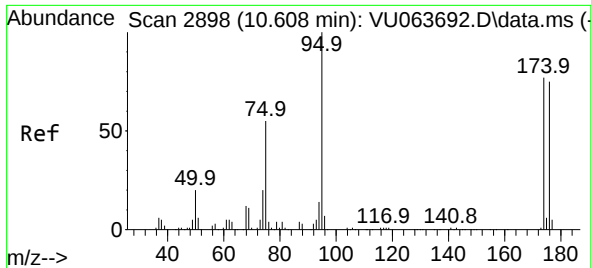
Tgt Ion:129 Resp: 11200  
Ion Ratio Lower Upper  
129 100  
127 73.3 38.2 114.6



#61  
1,2-Dibromoethane  
Concen: 4.962 ug/l  
RT: 8.901 min Scan# 2367  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion:107 Resp: 11040  
Ion Ratio Lower Upper  
107 100  
109 96.5 73.8 110.8

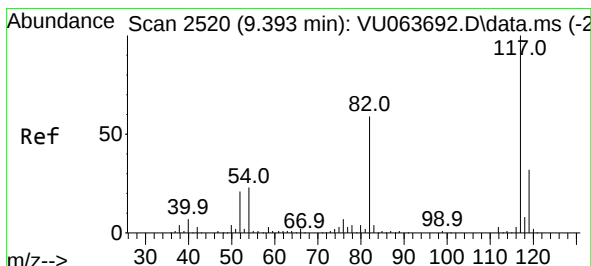
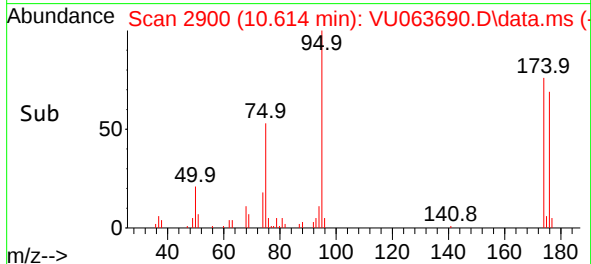
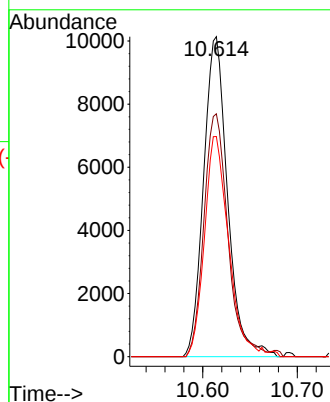
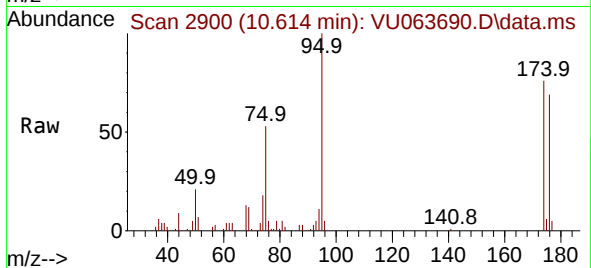




#62  
4-Bromofluorobenzene  
Concen: 5.097 ug/l  
RT: 10.614 min Scan# 2900  
Delta R.T. 0.006 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

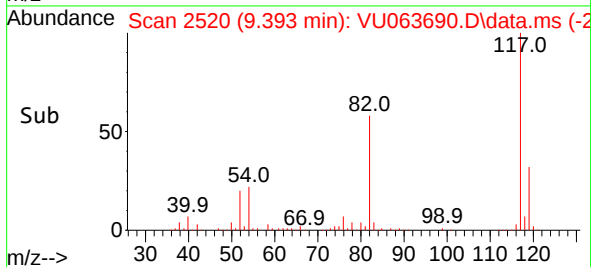
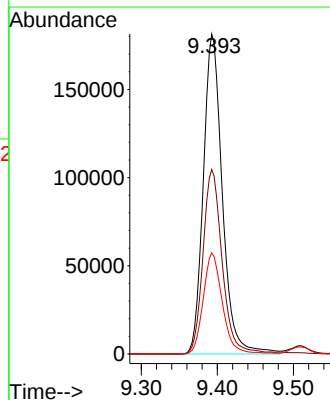
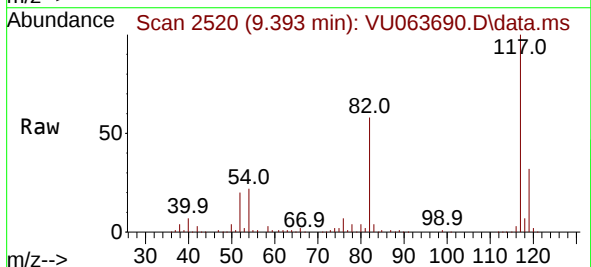
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

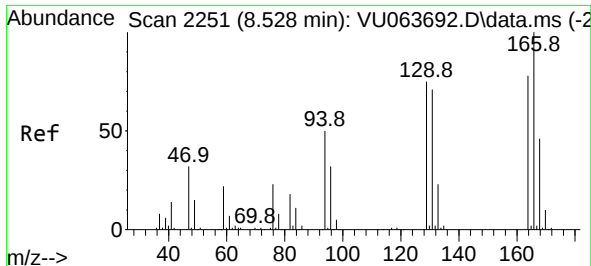
Tgt Ion: 95 Resp: 17877  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 154.6  
176 69.5 0.0 148.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.393 min Scan# 2520  
Delta R.T. -0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 117 Resp: 315469  
Ion Ratio Lower Upper  
117 100  
82 57.6 46.9 70.3  
119 31.6 25.8 38.8

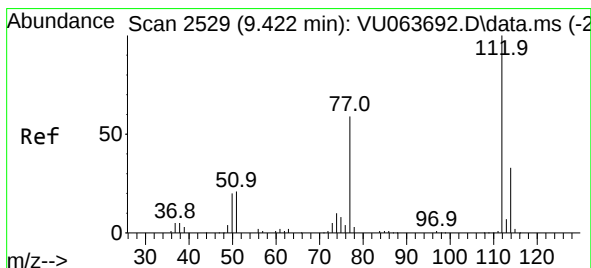
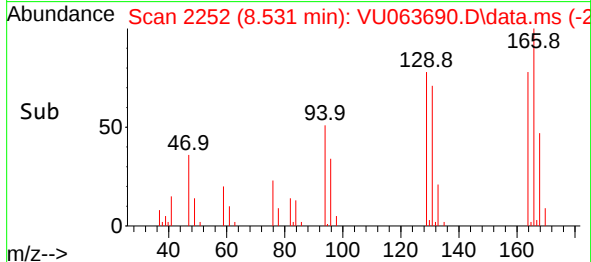
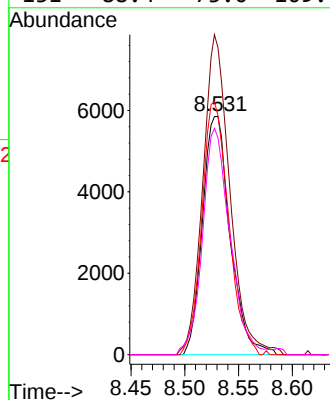
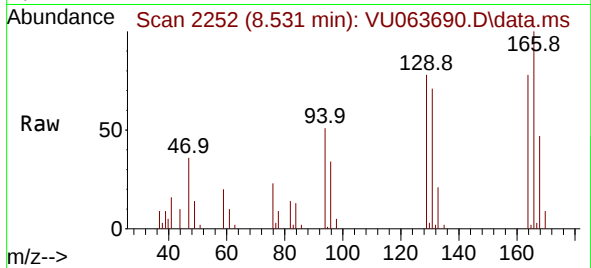




#64  
Tetrachloroethene  
Concen: 5.143 ug/l  
RT: 8.531 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

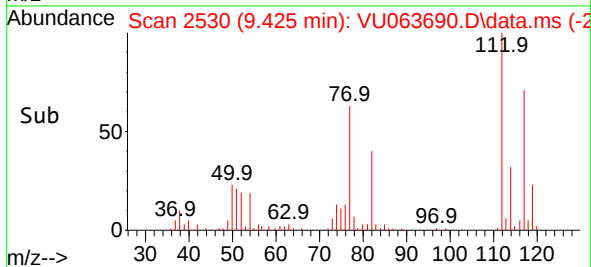
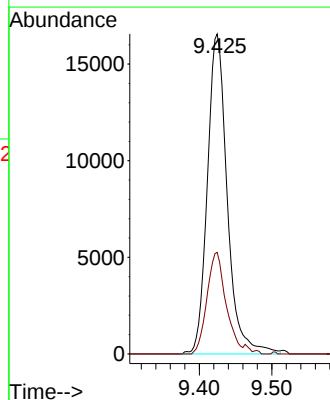
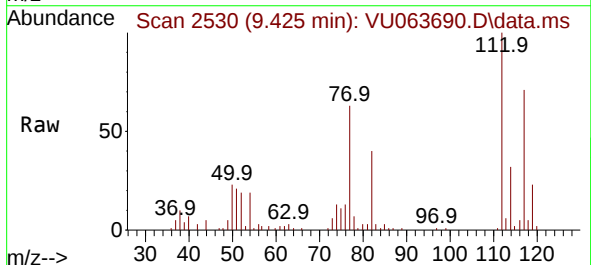
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

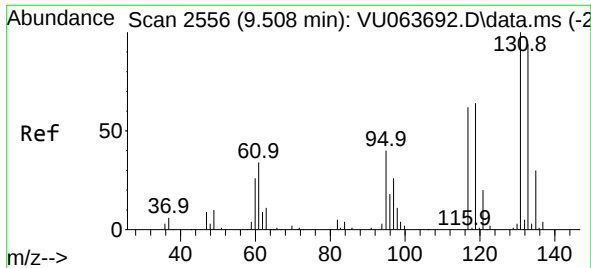
Tgt Ion:164 Resp: 10468  
Ion Ratio Lower Upper  
164 100  
166 127.1 102.5 153.7  
129 100.3 77.1 115.7  
131 88.4 73.0 109.6



#65  
Chlorobenzene  
Concen: 5.117 ug/l  
RT: 9.425 min Scan# 2530  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion:112 Resp: 31540  
Ion Ratio Lower Upper  
112 100  
114 31.8 26.2 39.2

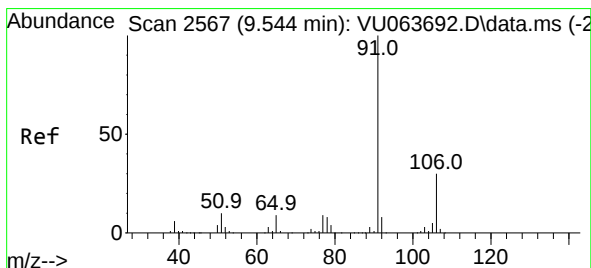
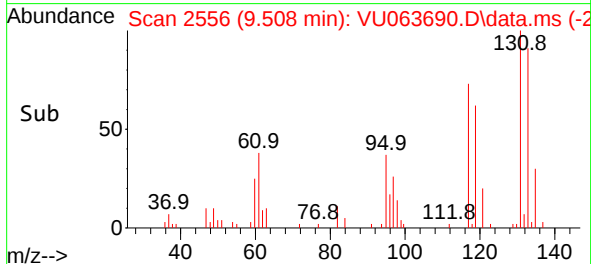
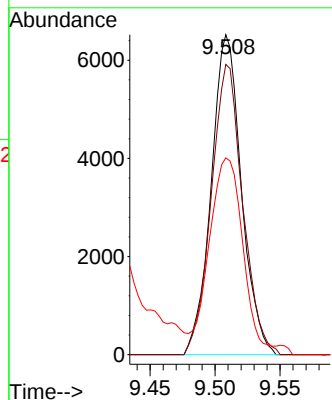
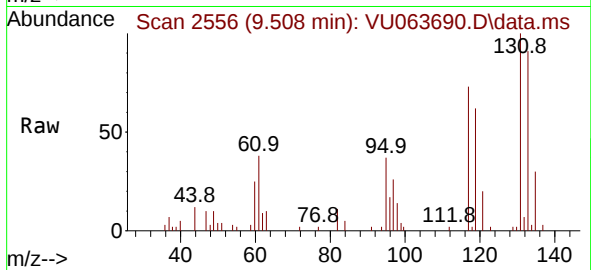




#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.011 ug/l  
RT: 9.508 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

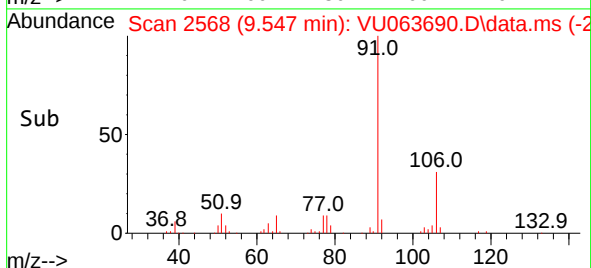
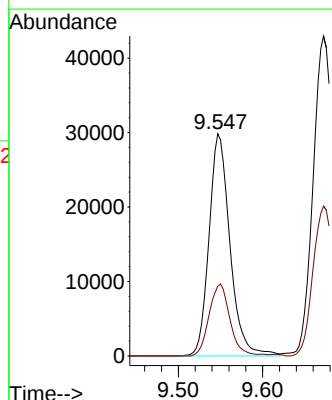
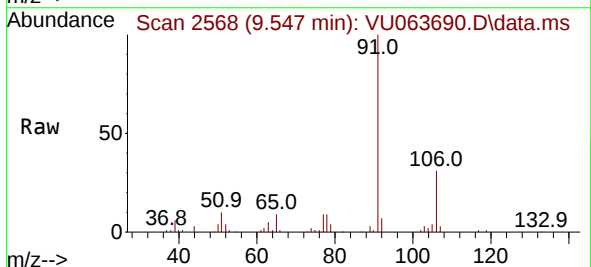
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

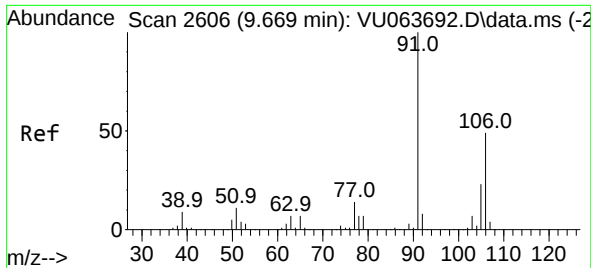
Tgt Ion:131 Resp: 10507  
Ion Ratio Lower Upper  
131 100  
133 94.4 47.5 142.5  
119 63.5 33.3 99.8



#67  
Ethyl Benzene  
Concen: 5.025 ug/l  
RT: 9.547 min Scan# 2568  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 91 Resp: 51598  
Ion Ratio Lower Upper  
91 100  
106 31.3 23.8 35.8

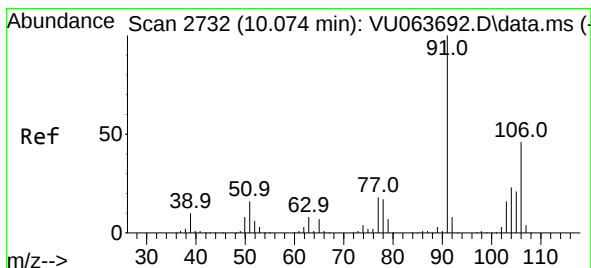
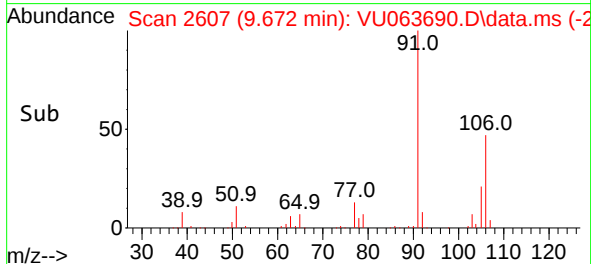
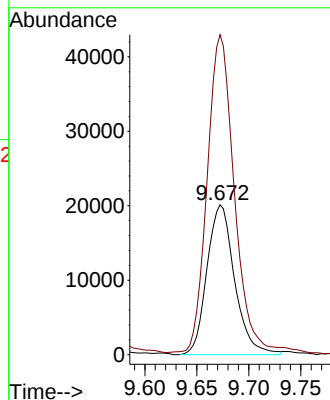
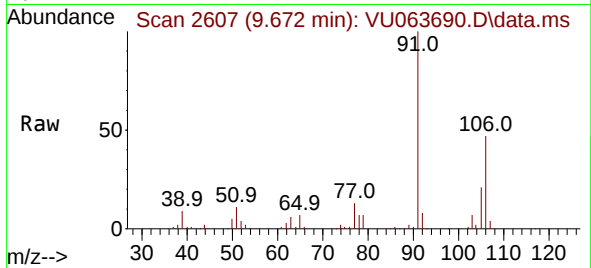




#68  
m/p-Xylenes  
Concen: 9.825 ug/l  
RT: 9.672 min Scan# 2606  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

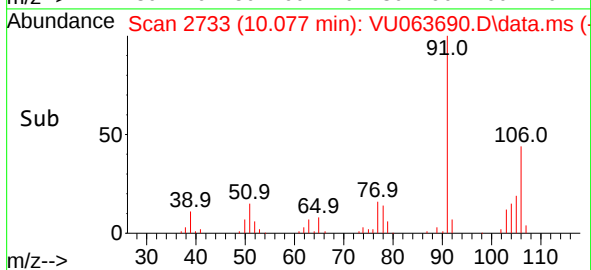
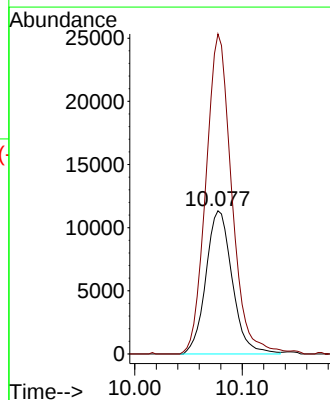
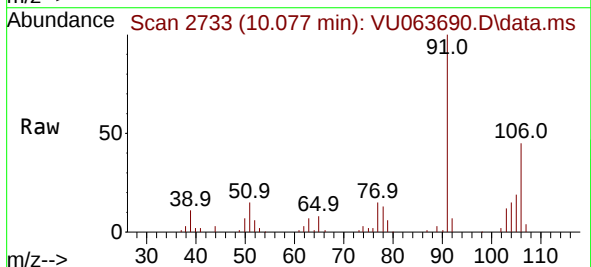
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

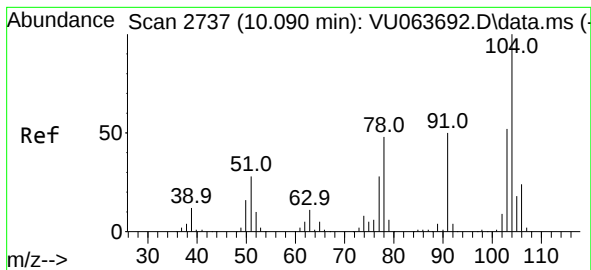
Tgt Ion:106 Resp: 37236  
Ion Ratio Lower Upper  
106 100  
91 212.1 165.7 248.5



#69  
o-Xylene  
Concen: 4.936 ug/l  
RT: 10.077 min Scan# 2733  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion:106 Resp: 19303  
Ion Ratio Lower Upper  
106 100  
91 219.3 108.7 325.9





#70

Styrene

Concen: 4.735 ug/l

RT: 10.093 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC005

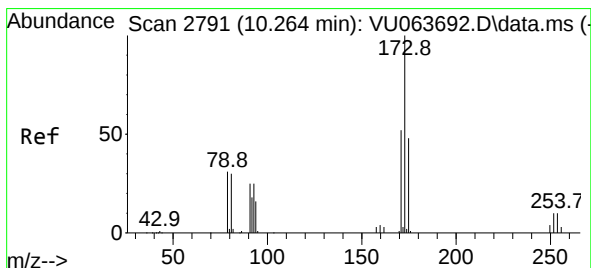
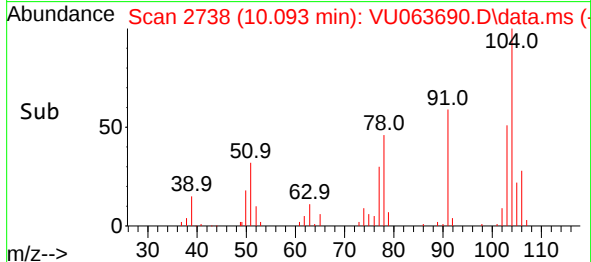
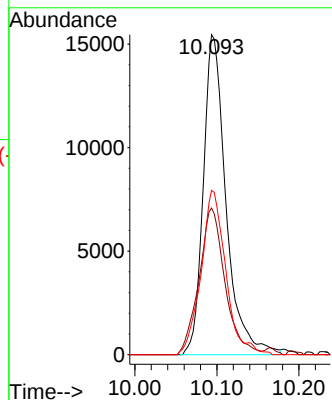
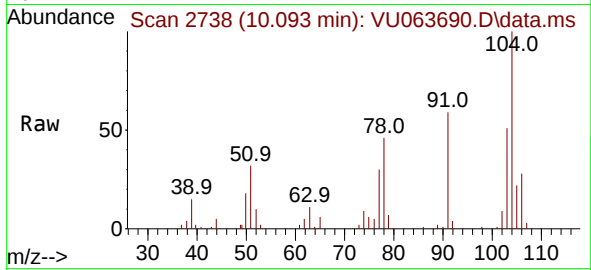
Tgt Ion:104 Resp: 29744

Ion Ratio Lower Upper

104 100

78 52.3 42.7 64.1

103 55.8 44.0 66.0



#71

Bromoform

Concen: 4.317 ug/l

RT: 10.264 min Scan# 2791

Delta R.T. -0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

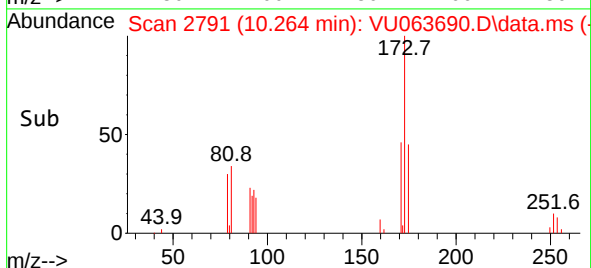
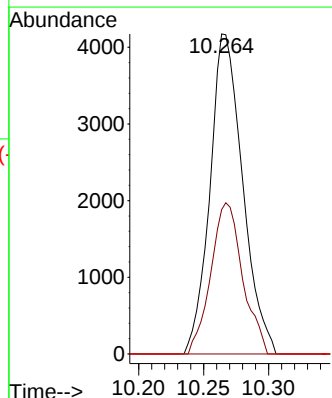
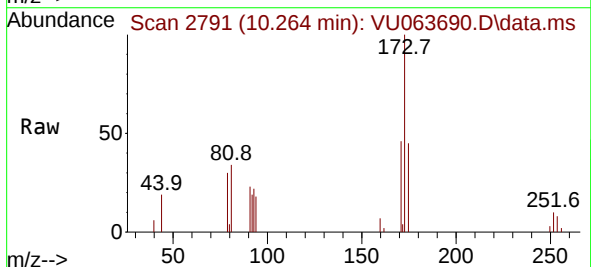
Tgt Ion:173 Resp: 7289

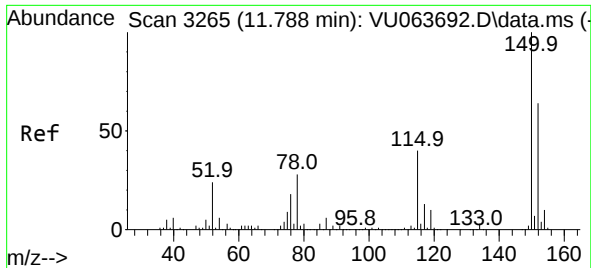
Ion Ratio Lower Upper

173 100

175 46.0 24.1 72.2

254 0.0 0.0 0.0

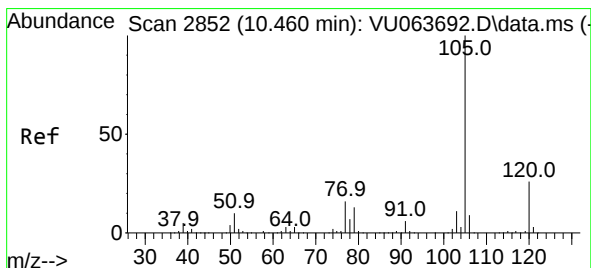
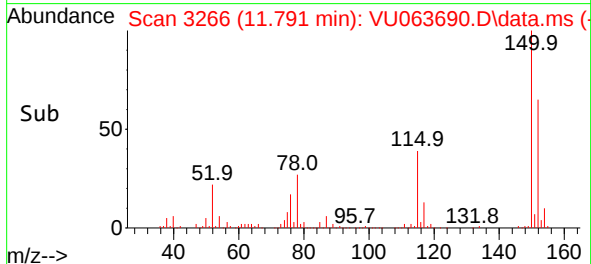
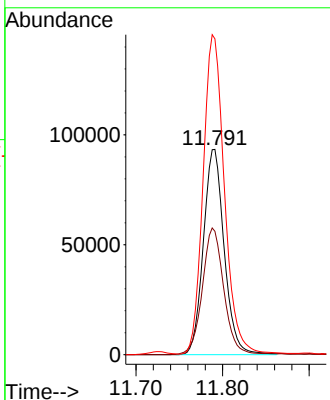
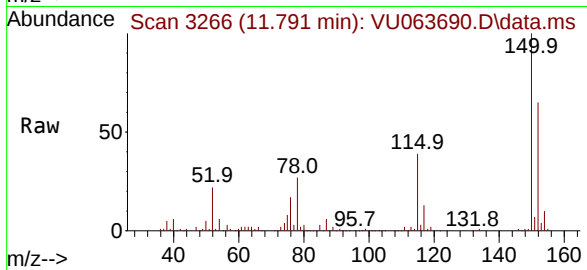




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.791 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

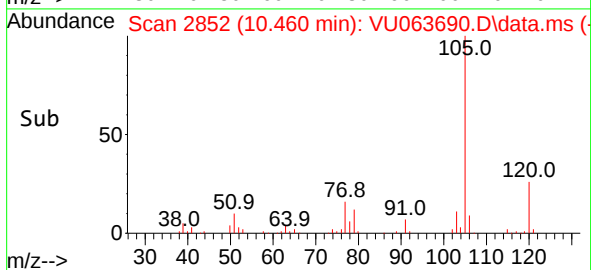
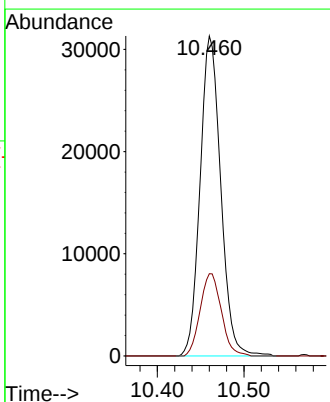
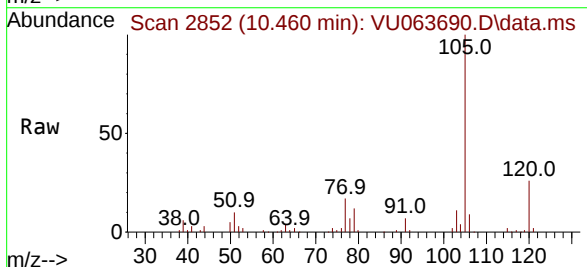
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

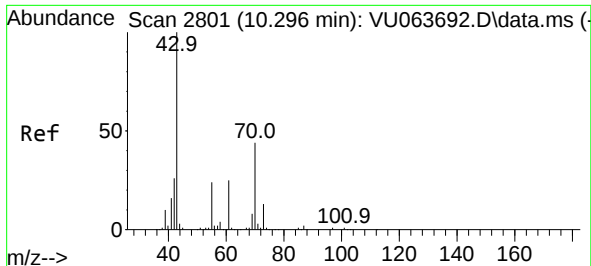
Tgt Ion:152 Resp: 156182  
Ion Ratio Lower Upper  
152 100  
115 63.5 41.0 123.0  
150 159.3 0.0 342.2



#73  
Isopropylbenzene  
Concen: 5.278 ug/l  
RT: 10.460 min Scan# 2852  
Delta R.T. -0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion:105 Resp: 51790  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.0 38.9

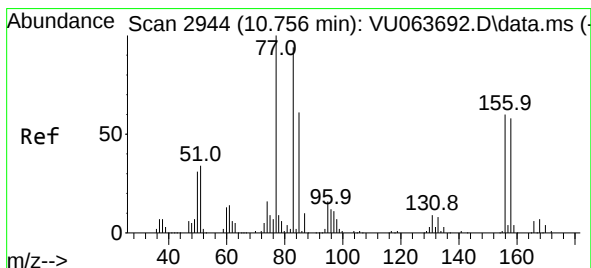
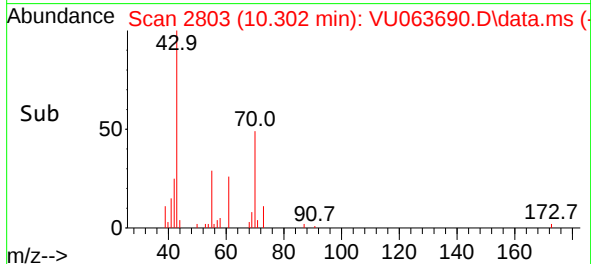
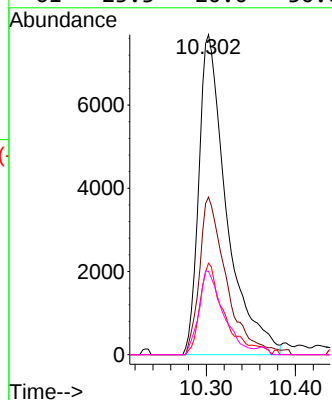
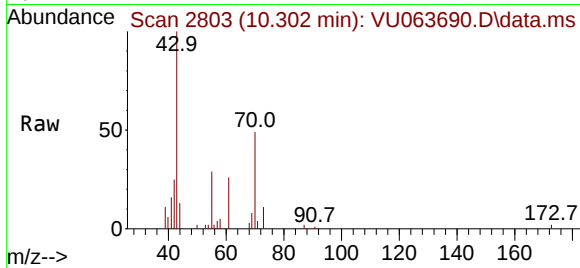




#74  
N-ethyl acetate  
Concen: 4.875 ug/l  
RT: 10.302 min Scan# 2803  
Delta R.T. 0.006 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

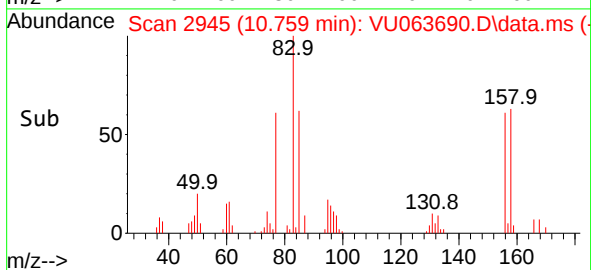
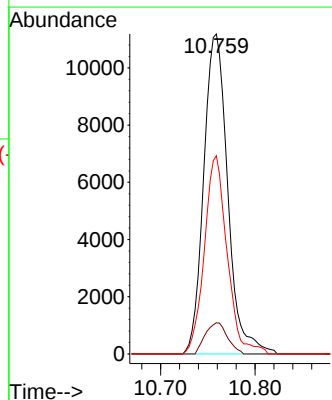
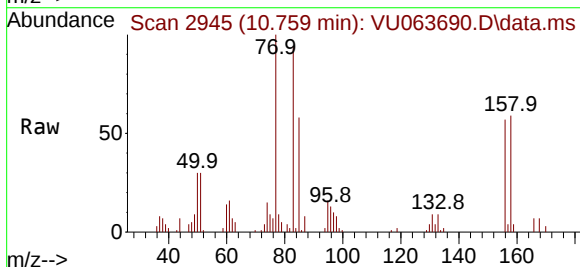
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

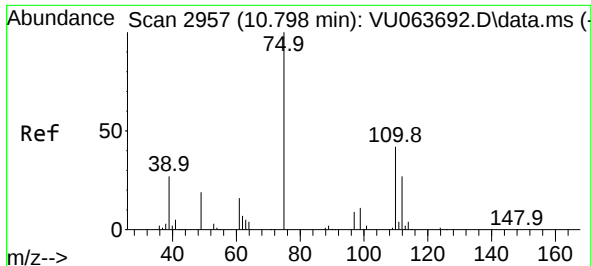
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 16667 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 47.6     | 36.5 54.7   |
| 55 25.1     | 20.6 30.8   |
| 61 23.3     | 20.0 30.0   |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 5.246 ug/l  
RT: 10.759 min Scan# 2945  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 19768 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 131 8.9     | 4.8 14.4    |
| 85 58.6     | 31.9 95.7   |

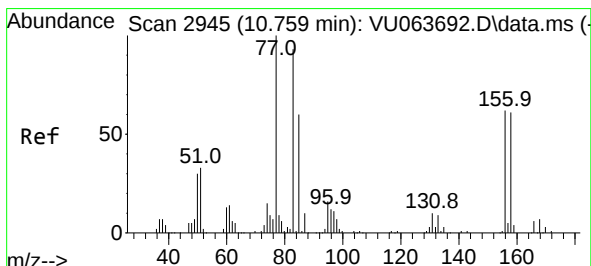
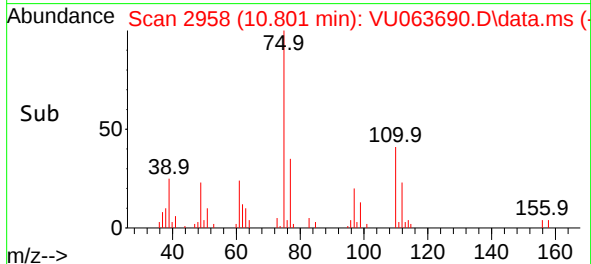
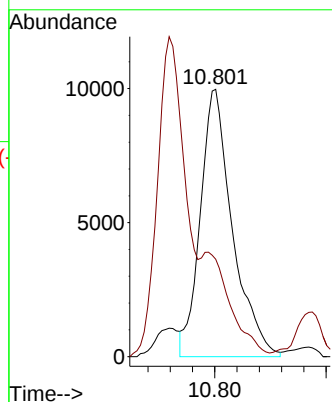
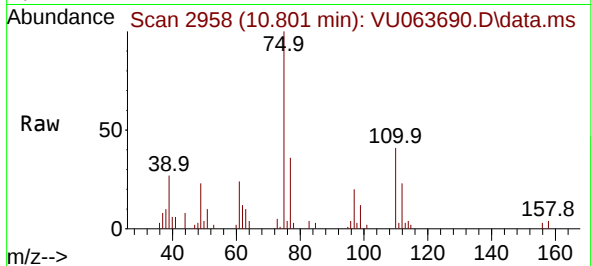




#76  
1,2,3-Trichloropropane  
Concen: 5.187 ug/l  
RT: 10.801 min Scan# 2958  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

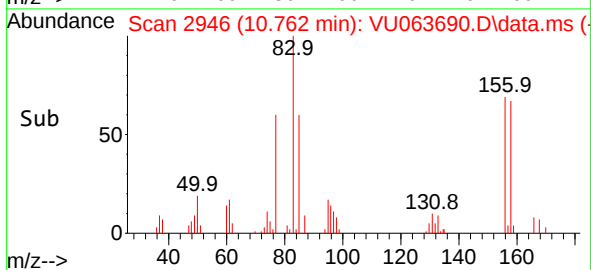
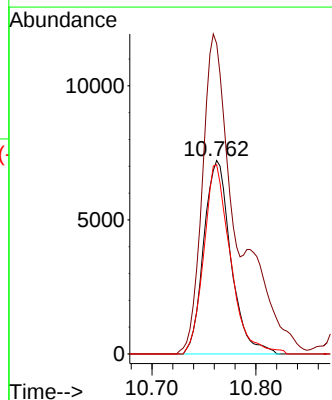
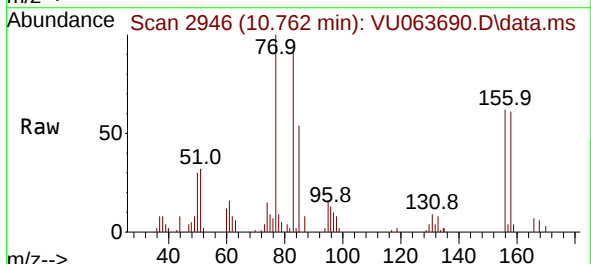
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

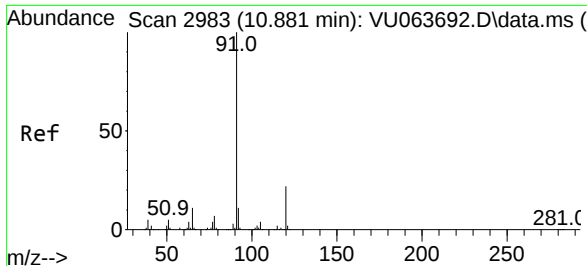
Tgt Ion: 75 Resp: 19980  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



#77  
Bromobenzene  
Concen: 5.303 ug/l  
RT: 10.762 min Scan# 2946  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion:156 Resp: 13093  
Ion Ratio Lower Upper  
156 100  
77 158.6 81.4 244.2  
158 96.3 48.8 146.3

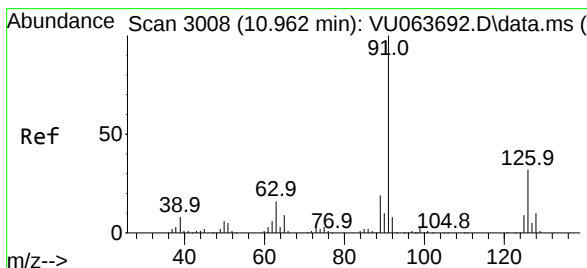
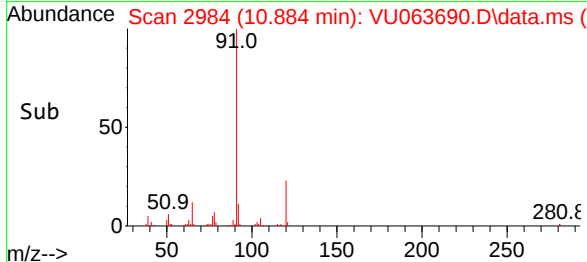
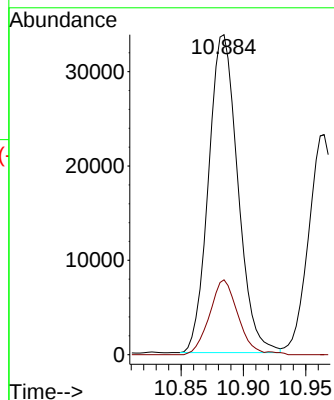
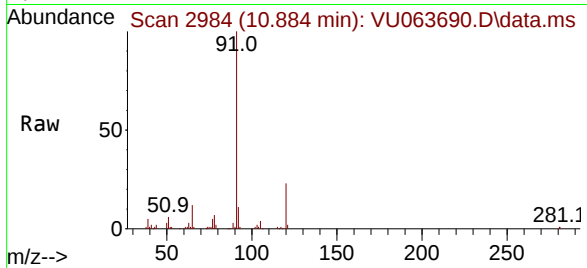




#78  
n-propylbenzene  
Concen: 4.903 ug/l  
RT: 10.884 min Scan# 2983  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

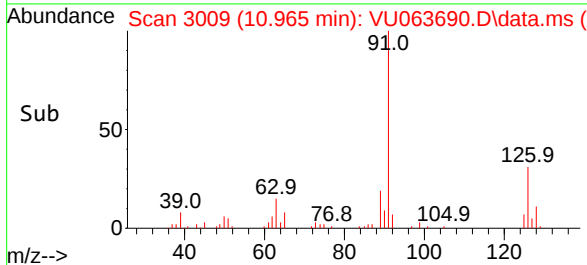
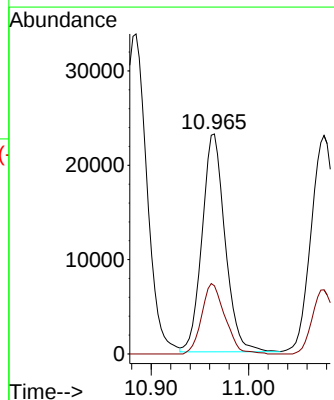
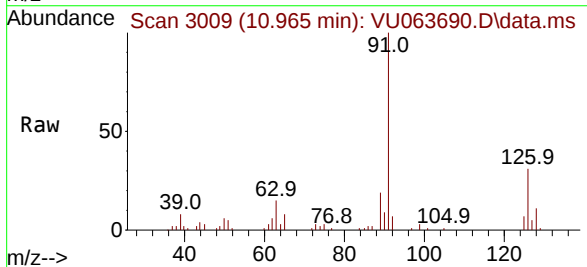
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

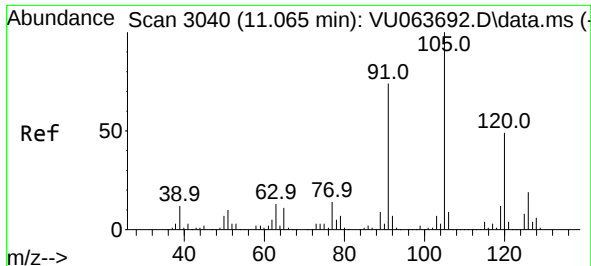
Tgt Ion: 91 Resp: 55194  
Ion Ratio Lower Upper  
91 100  
120 23.0 11.2 33.6



#79  
2-Chlorotoluene  
Concen: 5.202 ug/l  
RT: 10.965 min Scan# 3009  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 91 Resp: 37846  
Ion Ratio Lower Upper  
91 100  
126 32.8 16.4 49.1

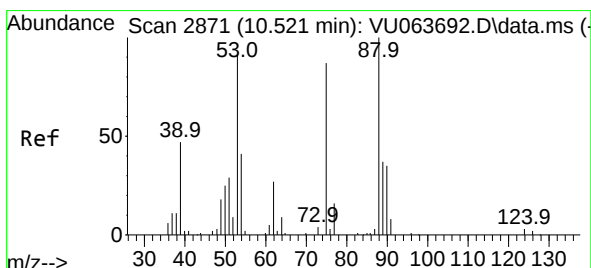
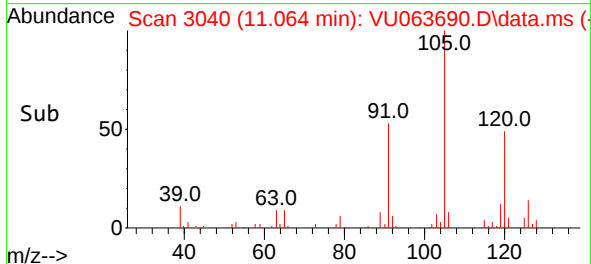
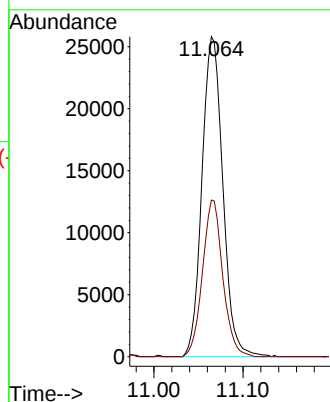
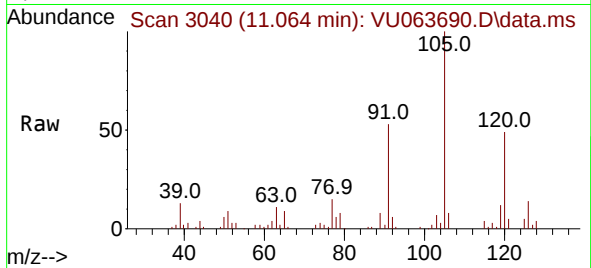




#80  
1,3,5-Trimethylbenzene  
Concen: 5.101 ug/l  
RT: 11.064 min Scan# 3040  
Delta R.T. -0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

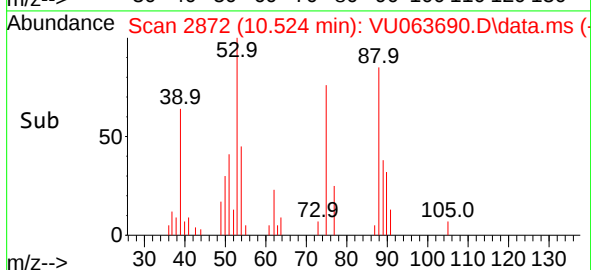
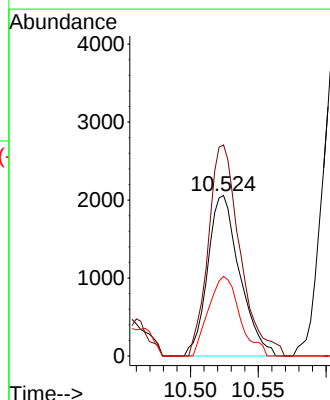
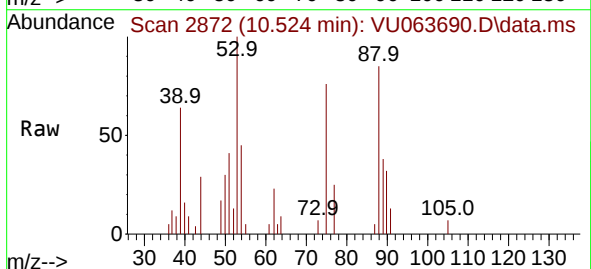
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

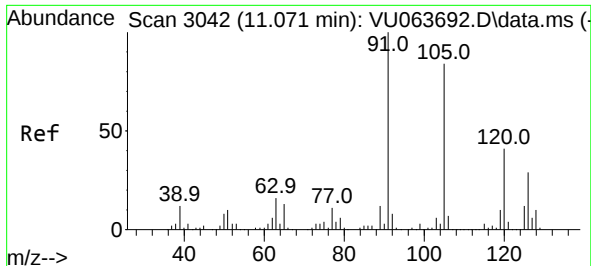
Tgt Ion:105 Resp: 41970  
Ion Ratio Lower Upper  
105 100  
120 47.6 24.1 72.2



#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.575 ug/l  
RT: 10.524 min Scan# 2872  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 75 Resp: 3380  
Ion Ratio Lower Upper  
75 100  
53 129.8 86.5 129.7#  
89 48.2 35.2 52.8

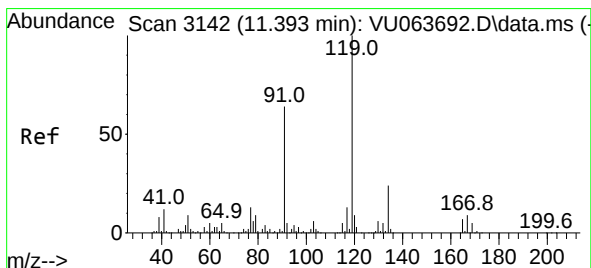
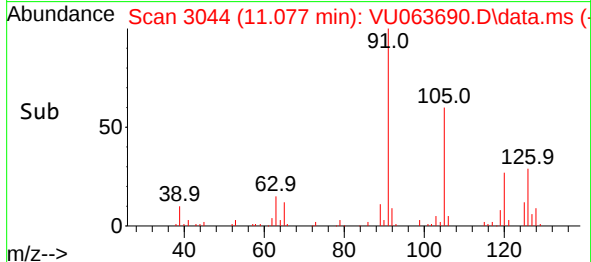
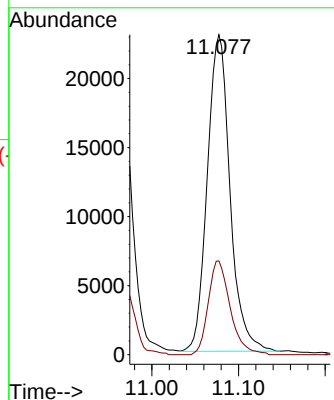
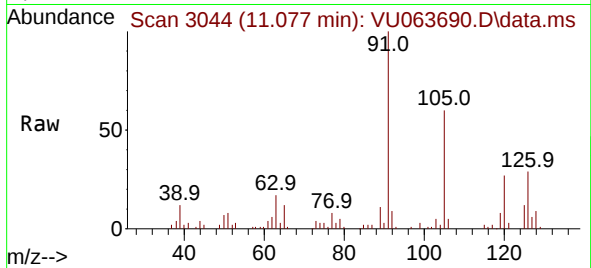




#82  
4-Chlorotoluene  
Concen: 5.058 ug/l  
RT: 11.077 min Scan# 3042  
Delta R.T. 0.006 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

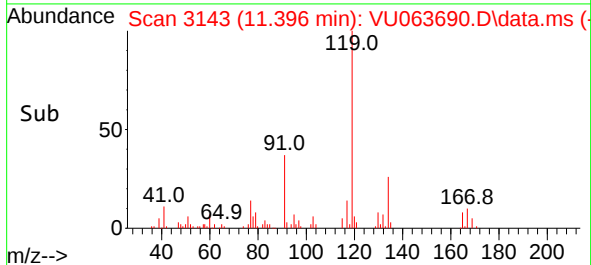
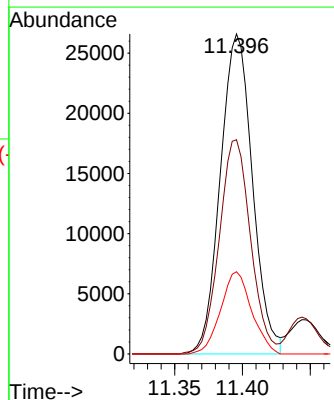
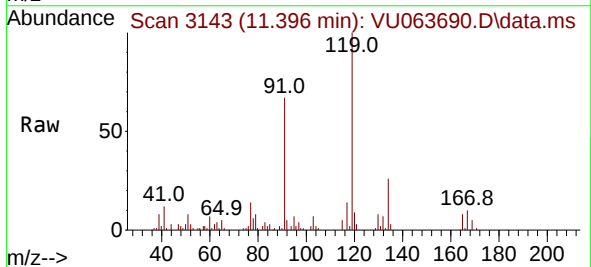
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

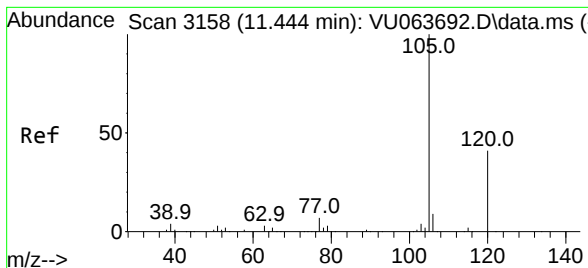
Tgt Ion: 91 Resp: 41820  
Ion Ratio Lower Upper  
91 100  
126 28.6 14.2 42.8



#83  
tert-Butylbenzene  
Concen: 5.112 ug/l  
RT: 11.396 min Scan# 3143  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 119 Resp: 43813  
Ion Ratio Lower Upper  
119 100  
91 65.2 30.8 92.3  
134 24.8 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 4.964 ug/l

RT: 11.444 min Scan# 3158

Delta R.T. -0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA\_U

ClientSampleId :

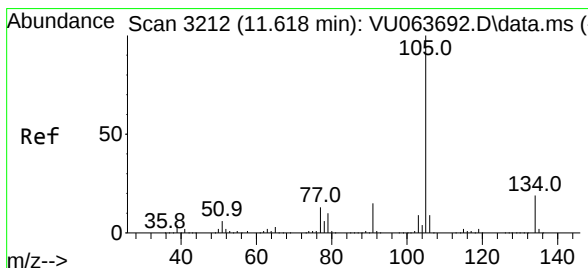
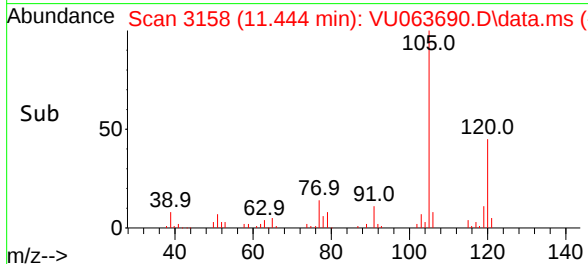
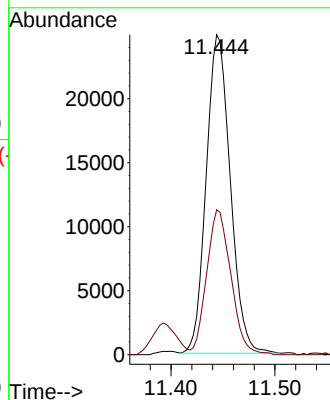
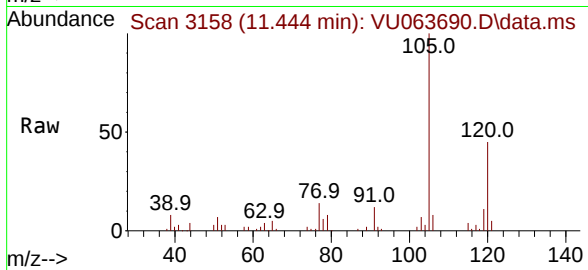
VSTDIC005

Tgt Ion:105 Resp: 40076

Ion Ratio Lower Upper

105 100

120 45.7 22.4 67.3



#85

sec-Butylbenzene

Concen: 5.126 ug/l

RT: 11.621 min Scan# 3213

Delta R.T. 0.003 min

Lab File: VU063690.D

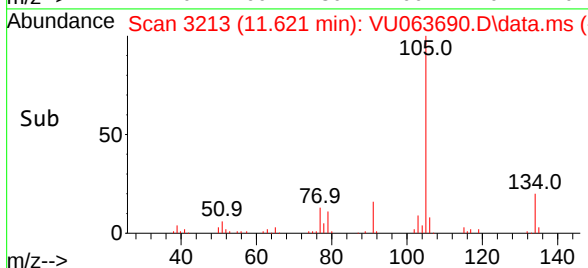
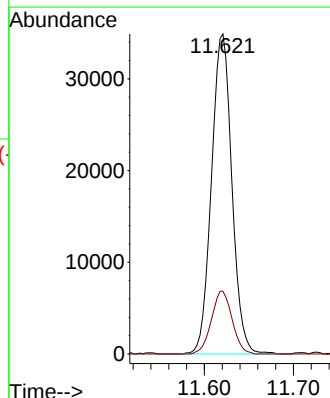
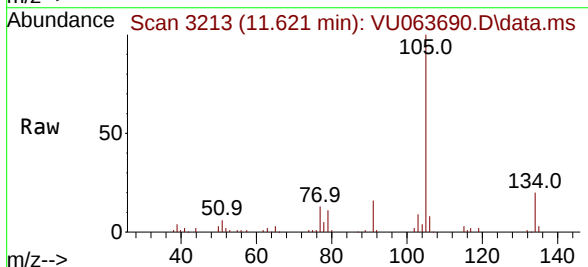
Acq: 10 Nov 2025 11:20

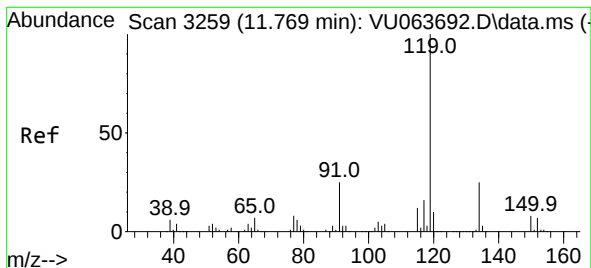
Tgt Ion:105 Resp: 55499

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.4





#86

p-Isopropyltoluene

Concen: 4.992 ug/l

RT: 11.769 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC005

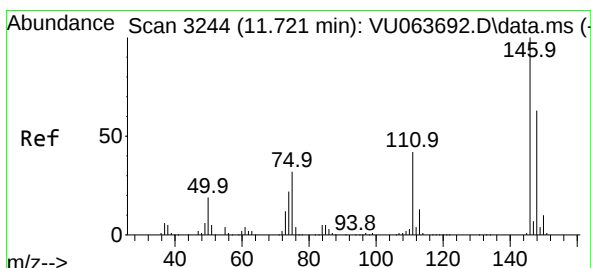
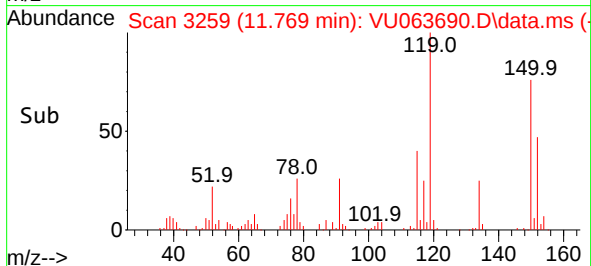
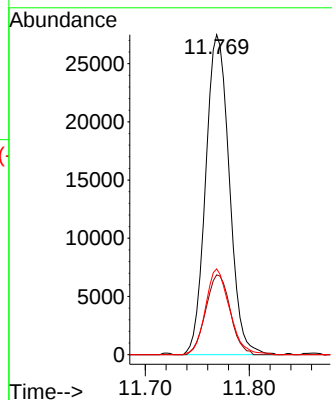
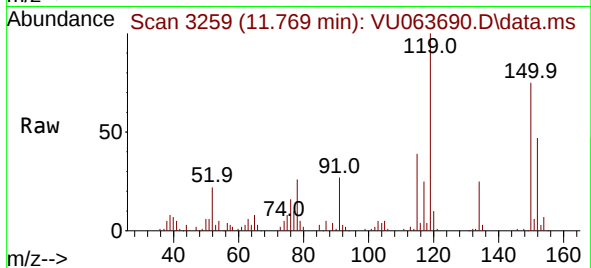
Tgt Ion:119 Resp: 43388

Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.6

91 27.4 12.6 37.8



#87

1,3-Dichlorobenzene

Concen: 5.169 ug/l

RT: 11.724 min Scan# 3245

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

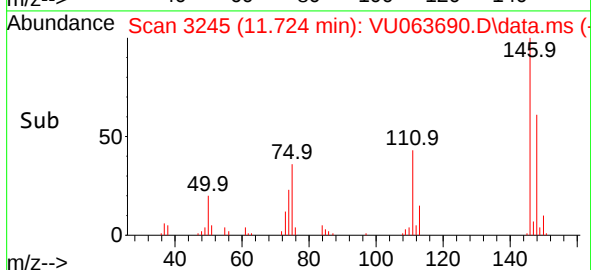
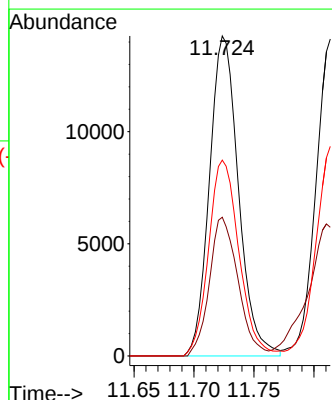
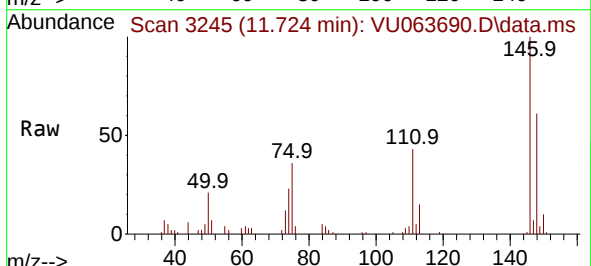
Tgt Ion:146 Resp: 23973

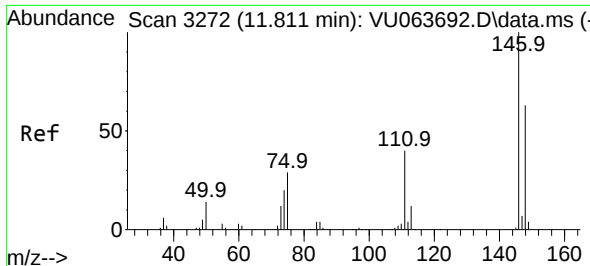
Ion Ratio Lower Upper

146 100

111 42.8 20.6 61.8

148 64.1 31.8 95.4

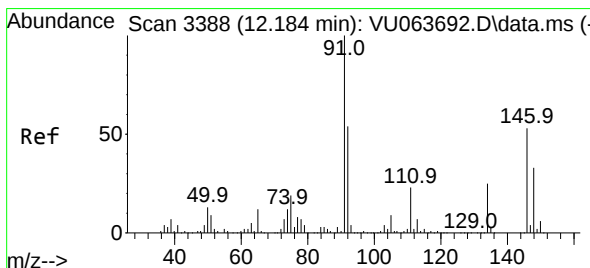
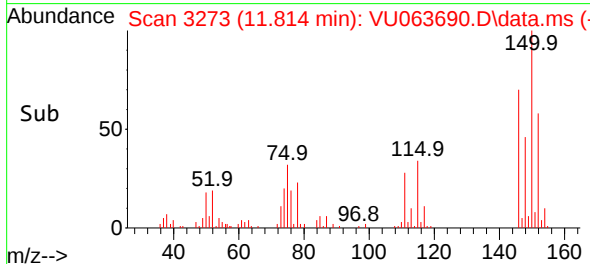
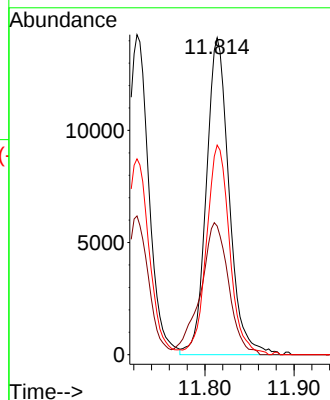
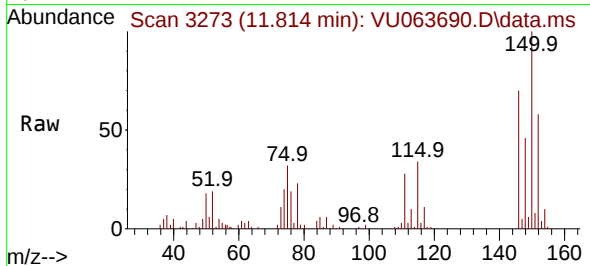




#88  
1,4-Dichlorobenzene  
Concen: 5.170 ug/l  
RT: 11.814 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

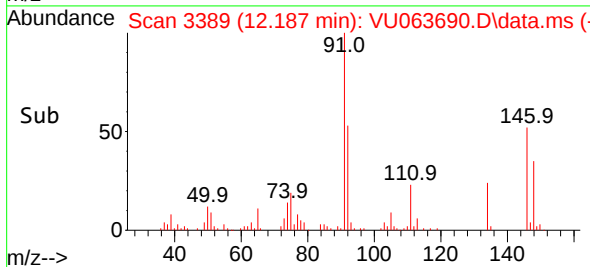
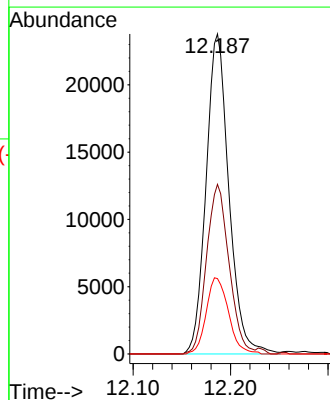
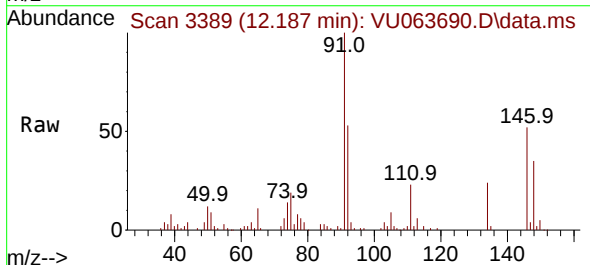
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

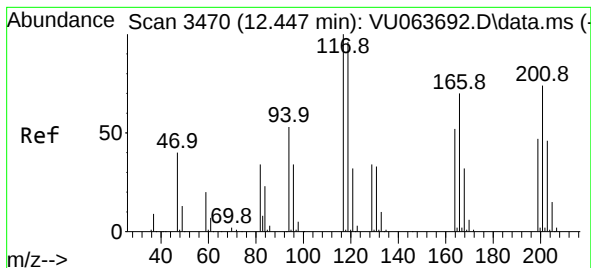
Tgt Ion:146 Resp: 25087  
Ion Ratio Lower Upper  
146 100  
111 51.6 20.4 61.3  
148 67.2 31.4 94.3



#89  
n-Butylbenzene  
Concen: 4.848 ug/l  
RT: 12.187 min Scan# 3389  
Delta R.T. 0.003 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

Tgt Ion: 91 Resp: 38692  
Ion Ratio Lower Upper  
91 100  
92 52.2 27.0 81.0  
134 23.2 12.4 37.4





#90

Hexachloroethane

Concen: 5.053 ug/l

RT: 12.450 min Scan# 3470

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA\_U

ClientSampleId :

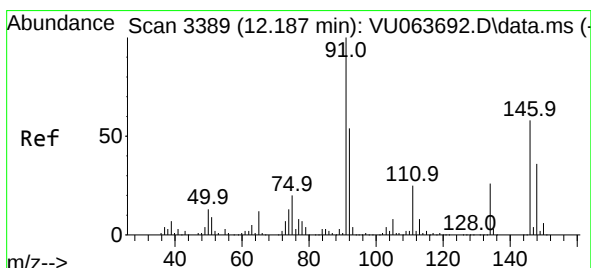
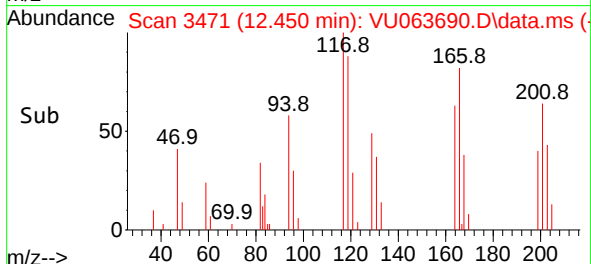
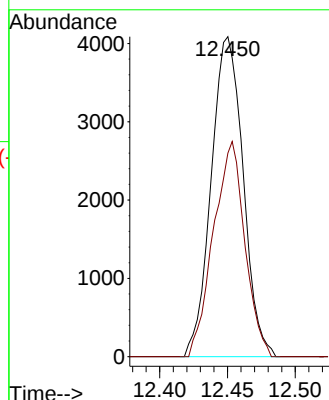
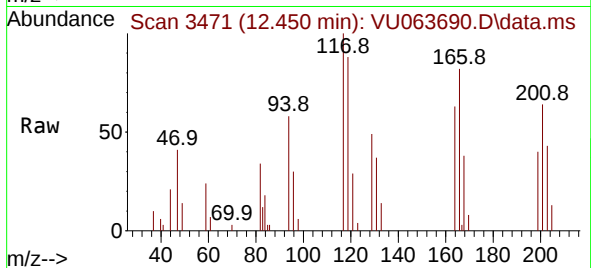
VSTDIC005

Tgt Ion:117 Resp: 6699

Ion Ratio Lower Upper

117 100

201 66.0 36.6 109.8



#91

1,2-Dichlorobenzene

Concen: 5.056 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

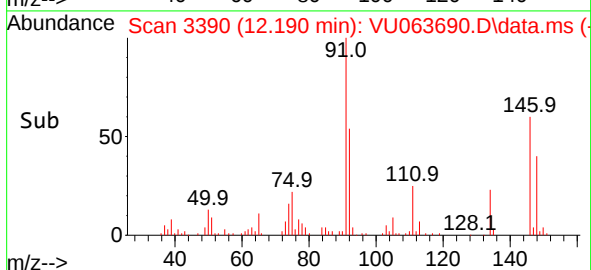
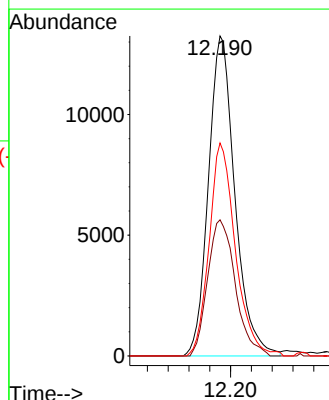
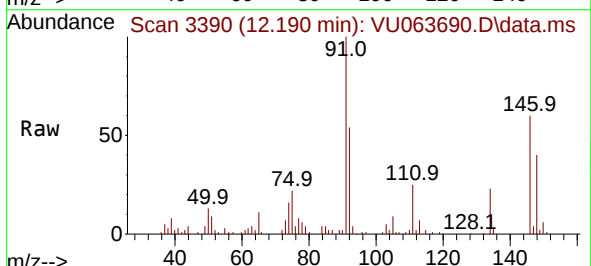
Tgt Ion:146 Resp: 23414

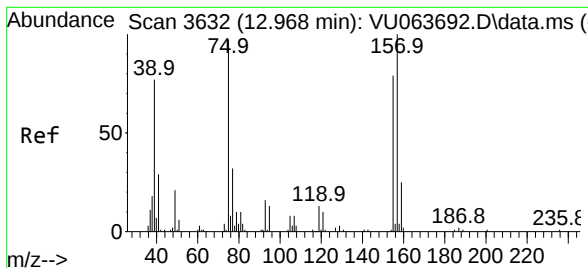
Ion Ratio Lower Upper

146 100

111 44.5 21.8 65.3

148 66.0 31.6 94.7

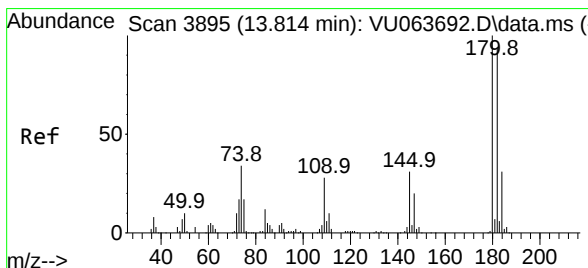
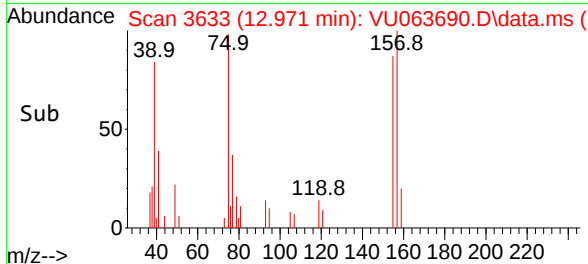
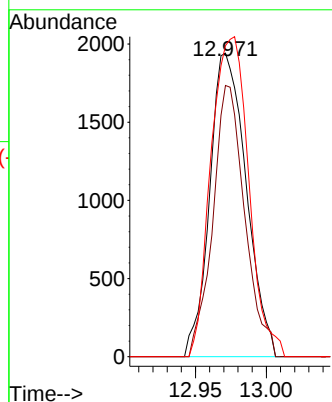
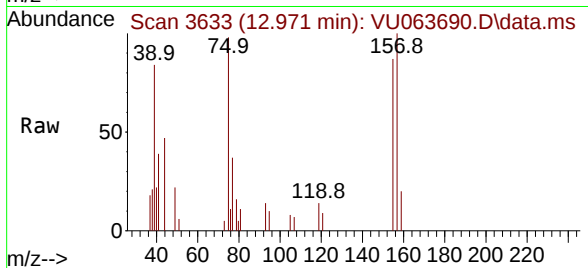




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 4.501 ug/l  
 RT: 12.971 min Scan# 3633  
 Delta R.T. 0.003 min  
 Lab File: VU063690.D  
 Acq: 10 Nov 2025 11:20

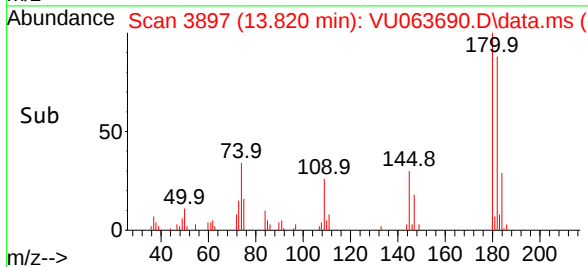
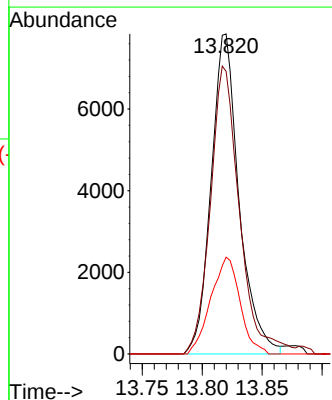
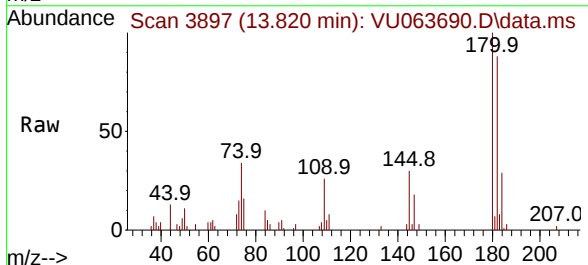
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC005

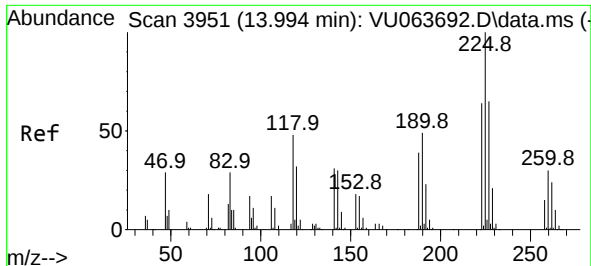
Tgt Ion: 75 Resp: 3475  
 Ion Ratio Lower Upper  
 75 100  
 155 78.1 40.5 121.4  
 157 108.9 50.4 151.3



#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.303 ug/l  
 RT: 13.820 min Scan# 3897  
 Delta R.T. 0.006 min  
 Lab File: VU063690.D  
 Acq: 10 Nov 2025 11:20

Tgt Ion: 180 Resp: 12705  
 Ion Ratio Lower Upper  
 180 100  
 182 93.5 47.6 142.9  
 145 31.6 15.9 47.6

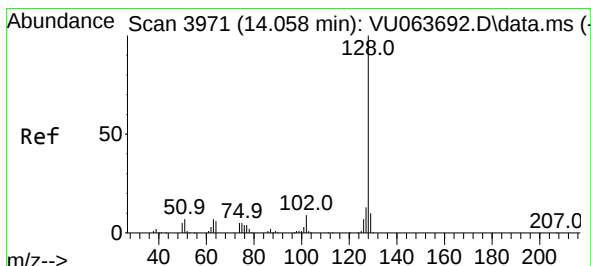
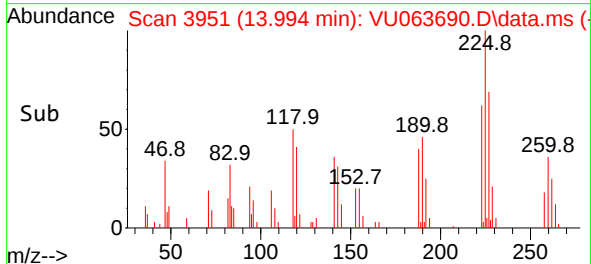
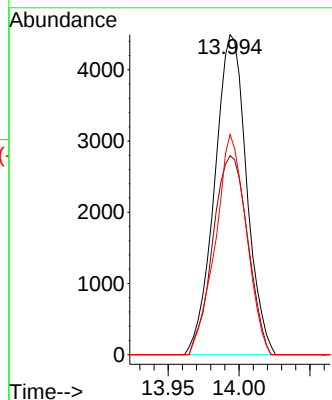
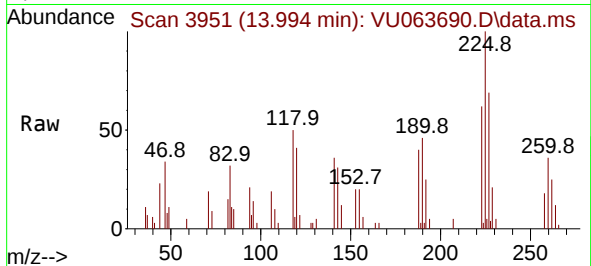




#94  
Hexachlorobutadiene  
Concen: 4.749 ug/l  
RT: 13.994 min Scan# 3951  
Delta R.T. -0.000 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

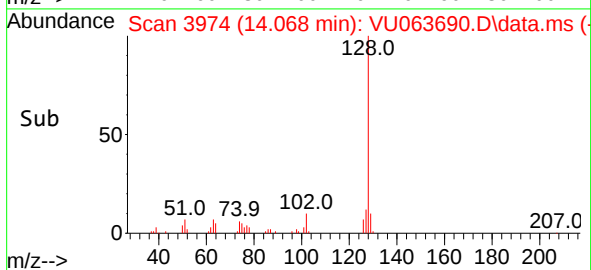
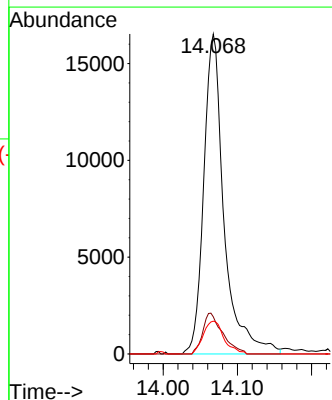
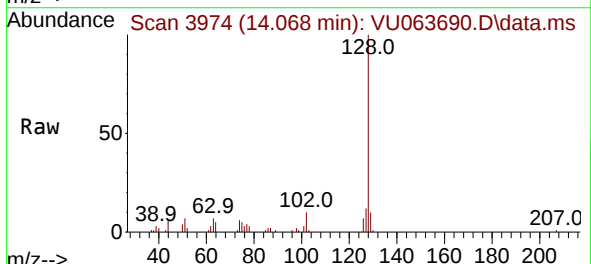
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

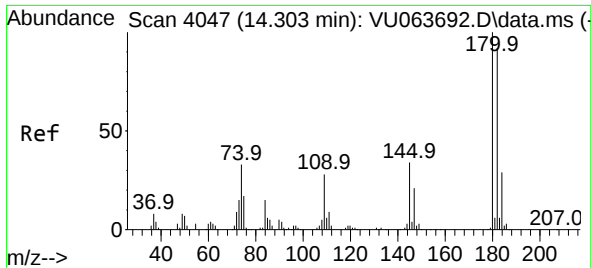
Tgt Ion:225 Resp: 7065  
Ion Ratio Lower Upper  
225 100  
223 67.5 31.6 94.8  
227 66.1 32.4 97.0



#95  
Naphthalene  
Concen: 3.927 ug/l  
RT: 14.068 min Scan# 3974  
Delta R.T. 0.009 min  
Lab File: VU063690.D  
Acq: 10 Nov 2025 11:20

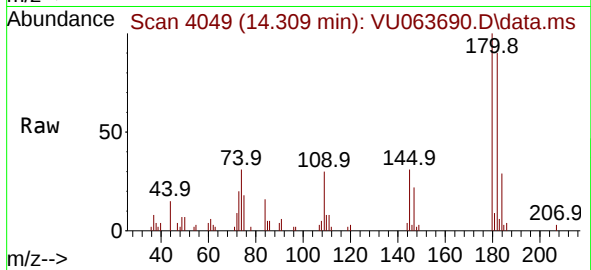
Tgt Ion:128 Resp: 31409  
Ion Ratio Lower Upper  
128 100  
127 12.5 9.9 14.9  
129 10.5 8.4 12.6





#96  
 1,2,3-Trichlorobenzene  
 Concen: 4.313 ug/l  
 RT: 14.309 min Scan# 4049  
 Delta R.T. 0.006 min  
 Lab File: VU063690.D  
 Acq: 10 Nov 2025 11:20

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC005



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 11838 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 95.8  | 47.3  | 142.0 |
| 145      | 32.9  | 16.6  | 49.7  |

