

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071025\  
 Data File : VU063474.D  
 Acq On : 10 Jul 2025 12:12  
 Operator : MD/SY  
 Sample : VU0710WBSD01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0710WBSD01

Quant Time: Jul 11 04:49:25 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 11 04:42:35 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|------------------------------|----------------|------|------------|----------|-------|----------|
| -----                        |                |      |            |          |       |          |
| Internal Standards           |                |      |            |          |       |          |
| 1) Pentafluorobenzene        | 5.361          | 168  | 118321     | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.238          | 114  | 201841     | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 9.409          | 117  | 189214     | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.804         | 152  | 102236     | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |                |      |            |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.689          | 65   | 74306      | 49.221   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 98.440%  |       |          |
| 35) Dibromofluoromethane     | 5.277          | 113  | 60847      | 50.011   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 100.020% |       |          |
| 50) Toluene-d8               | 7.888          | 98   | 191139     | 48.195   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 96.400%  |       |          |
| 62) 4-Bromofluorobenzene     | 10.624         | 95   | 83826      | 48.322   | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 96.640%  |       |          |
| Target Compounds             |                |      |            |          |       |          |
|                              |                |      |            |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.380          | 85   | 17005      | 18.071   | ug/l  | 97       |
| 3) Chloromethane             | 1.518          | 50   | 18737      | 16.347   | ug/l  | 99       |
| 4) Vinyl Chloride            | 1.599          | 62   | 23668      | 18.623   | ug/l  | 96       |
| 5) Bromomethane              | 1.843          | 94   | 19028      | 21.369   | ug/l  | 95       |
| 6) Chloroethane              | 1.923          | 64   | 15686      | 17.034   | ug/l  | 100      |
| 7) Trichlorofluoromethane    | 2.126          | 101  | 38850      | 18.948   | ug/l  | 100      |
| 8) Diethyl Ether             | 2.370          | 74   | 17128      | 20.045   | ug/l  | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.566          | 101  | 23317      | 19.227   | ug/l  | 98       |
| 10) Methyl Iodide            | 2.708          | 142  | 22417      | 17.697   | ug/l  | 98       |
| 11) Tert butyl alcohol       | 3.193          | 59   | 63375      | 125.208  | ug/l  | 98       |
| 12) 1,1-Dichloroethene       | 2.566          | 96   | 21602      | 19.136   | ug/l  | 98       |
| 13) Acrolein                 | 2.480          | 56   | 7018       | 98.231   | ug/l  | 83       |
| 14) Allyl chloride           | 2.907          | 41   | 51480      | 19.158   | ug/l  | 97       |
| 15) Acrylonitrile            | 3.303          | 53   | 126451     | 116.632  | ug/l  | 99       |
| 16) Acetone                  | 2.621          | 43   | 132936     | 104.974  | ug/l  | 97       |
| 17) Carbon Disulfide         | 2.775          | 76   | 44656      | 16.548   | ug/l  | 98       |
| 18) Methyl Acetate           | 2.939          | 43   | 77307      | 23.721   | ug/l  | 99       |
| 19) Methyl tert-butyl Ether  | 3.357          | 73   | 100229     | 20.587   | ug/l  | 99       |
| 20) Methylene Chloride       | 3.026          | 84   | 30153      | 16.330   | ug/l  | 96       |
| 21) trans-1,2-Dichloroethene | 3.332          | 96   | 22513      | 18.563   | ug/l  | 98       |
| 22) Diisopropyl ether        | 3.988          | 45   | 88786      | 19.406   | ug/l  | 91       |
| 23) Vinyl Acetate            | 3.946          | 43   | 355274     | 100.073  | ug/l  | 99       |
| 24) 1,1-Dichloroethane       | 3.849          | 63   | 50383      | 19.403   | ug/l  | 97       |
| 25) 2-Butanone               | 4.705          | 43   | 163988     | 115.353  | ug/l  | 99       |
| 26) 2,2-Dichloropropane      | 4.647          | 77   | 43285      | 19.160   | ug/l  | 95       |
| 27) cis-1,2-Dichloroethene   | 4.650          | 96   | 31367      | 19.594   | ug/l  | 98       |
| 28) Bromochloromethane       | 4.959          | 49   | 25555      | 20.951   | ug/l  | 97       |
| 29) Tetrahydrofuran          | 5.049          | 42   | 103762     | 115.705  | ug/l  | 100      |
| 30) Chloroform               | 5.071          | 83   | 53844      | 19.641   | ug/l  | 97       |
| 31) Cyclohexane              | 5.367          | 56   | 39326      | 18.839   | ug/l  | 94       |
| 32) 1,1,1-Trichloroethane    | 5.300          | 97   | 45509      | 19.496   | ug/l  | 99       |
| 36) 1,1-Dichloropropene      | 5.512          | 75   | 30627      | 18.526   | ug/l  | 95       |
| 37) Ethyl Acetate            | 4.808          | 43   | 53133      | 19.846   | ug/l  | 99       |
| 38) Carbon Tetrachloride     | 5.505          | 117  | 34980      | 19.204   | ug/l  | 95       |
| 39) Methylcyclohexane        | 6.746          | 83   | 37927      | 18.987   | ug/l  | 97       |
| 40) Benzene                  | 5.759          | 78   | 104688     | 20.277   | ug/l  | 99       |

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 Acq On : 10 Jul 2025 12:12  
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 Sample : VU0710WBSD01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0710WBSD01

Quant Time: Jul 11 04:49:25 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 11 04:42:35 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.972  | 41   | 27548    | 21.806  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 5.785  | 62   | 41634    | 21.446  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 5.910  | 43   | 76078    | 21.393  | ug/l   | 98       |
| 44) Trichloroethene           | 6.531  | 130  | 27137    | 19.641  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 6.779  | 63   | 29844    | 20.793  | ug/l   | 99       |
| 46) Dibromomethane            | 6.907  | 93   | 22044    | 21.587  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.094  | 83   | 42789    | 20.151  | ug/l   | 100      |
| 48) Methyl methacrylate       | 6.955  | 41   | 35160    | 21.391  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 6.965  | 88   | 18987    | 526.427 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 7.782  | 43   | 300874   | 116.892 | ug/l   | 100      |
| 52) Toluene                   | 7.959  | 92   | 66702    | 19.752  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 8.203  | 75   | 35697    | 19.211  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 7.598  | 75   | 42000    | 20.192  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 8.389  | 97   | 30509    | 21.273  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 8.325  | 69   | 46237    | 19.986  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 8.566  | 76   | 49418    | 20.905  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 7.463  | 63   | 2514     | 104.651 | ug/l   | 99       |
| 59) 2-Hexanone                | 8.676  | 43   | 232170   | 119.255 | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.798  | 129  | 32901    | 20.479  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 8.914  | 107  | 29060    | 20.645  | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.544  | 164  | 26392    | 18.737  | ug/l   | 97       |
| 65) Chlorobenzene             | 9.438  | 112  | 80067    | 20.339  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 9.524  | 131  | 26492    | 19.623  | ug/l   | 99       |
| 67) Ethyl Benzene             | 9.560  | 91   | 134841   | 19.930  | ug/l   | 100      |
| 68) m/p-Xylenes               | 9.682  | 106  | 101346   | 39.249  | ug/l   | 100      |
| 69) o-Xylene                  | 10.090 | 106  | 49726    | 18.942  | ug/l   | 99       |
| 70) Styrene                   | 10.106 | 104  | 82297    | 19.716  | ug/l   | 97       |
| 71) Bromoform                 | 10.280 | 173  | 22060    | 18.747  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.473 | 105  | 137063   | 19.703  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.312 | 43   | 64073    | 20.539  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 10.772 | 83   | 53341    | 20.831  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.814 | 75   | 56272    | 20.772  | ug/l # | 81       |
| 77) Bromobenzene              | 10.775 | 156  | 34735    | 20.370  | ug/l   | 100      |
| 78) n-propylbenzene           | 10.897 | 91   | 157750   | 19.554  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 10.978 | 91   | 97548    | 19.279  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.077 | 105  | 118003   | 19.394  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.537 | 75   | 10650    | 19.607  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 11.087 | 91   | 117056   | 20.378  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.409 | 119  | 115488   | 19.792  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 117851   | 19.724  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.634 | 105  | 154036   | 20.006  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.785 | 119  | 125910   | 20.157  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.737 | 146  | 64612    | 19.663  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.827 | 146  | 66432    | 19.830  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.200 | 91   | 118342   | 20.469  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.463 | 117  | 20026    | 19.168  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.203 | 146  | 66314    | 20.696  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.987 | 75   | 14006    | 23.095  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.833 | 180  | 42814    | 20.864  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.010 | 225  | 17803    | 20.296  | ug/l   | 98       |
| 95) Naphthalene               | 14.081 | 128  | 149121   | 22.190  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 42724    | 21.186  | ug/l   | 99       |

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Data File : VU063474.D  
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Operator : MD/SY  
Sample : VU0710WBSD01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 9 Sample Multiplier: 1

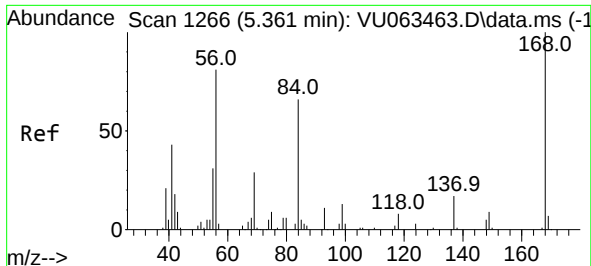
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

Quant Time: Jul 11 04:49:25 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 11 04:42:35 2025  
Response via : Initial Calibration

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

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

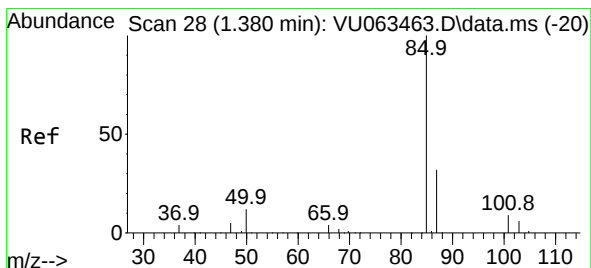
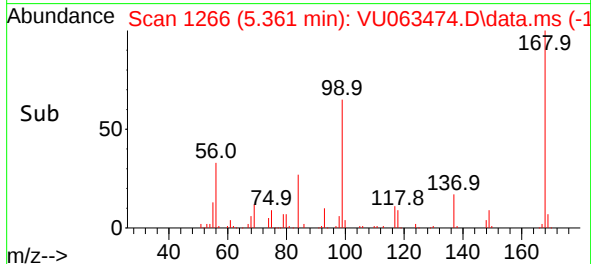
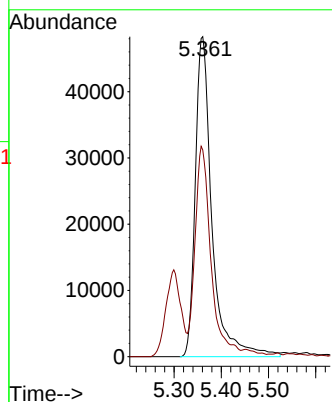
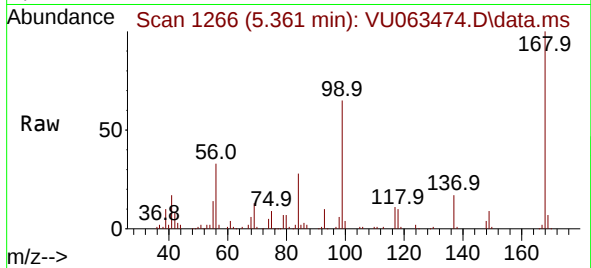




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.361 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

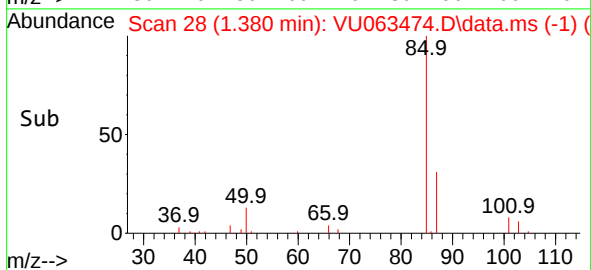
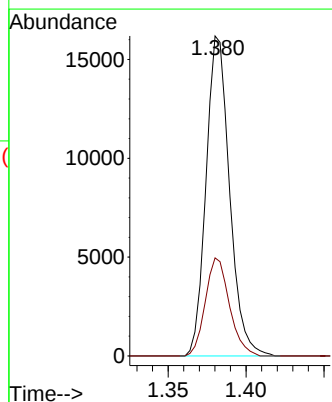
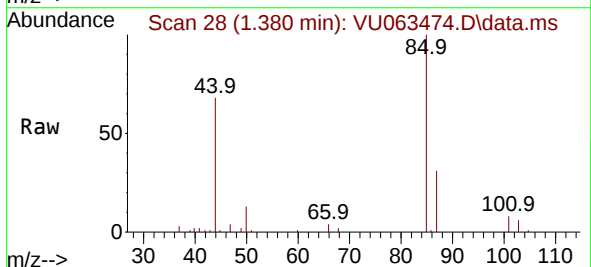
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

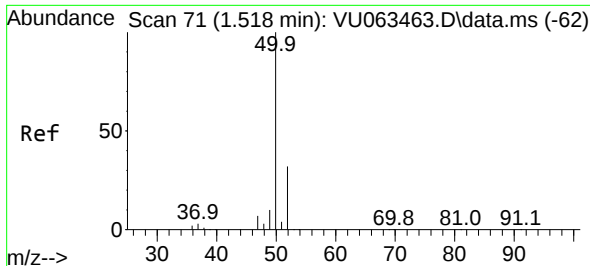
Tgt Ion:168 Resp: 118321  
Ion Ratio Lower Upper  
168 100  
99 63.7 47.7 71.5



#2  
Dichlorodifluoromethane  
Concen: 18.071 ug/l  
RT: 1.380 min Scan# 28  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 85 Resp: 17005  
Ion Ratio Lower Upper  
85 100  
87 30.6 16.1 48.2

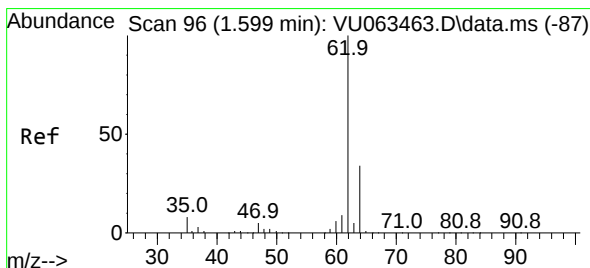
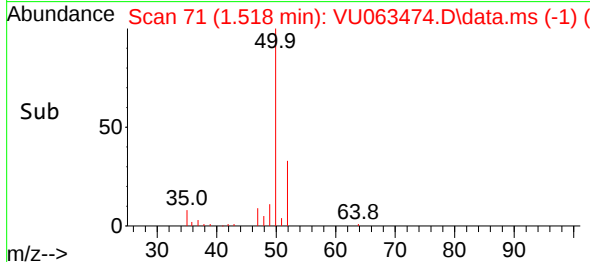
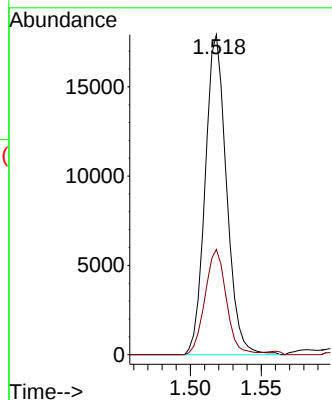
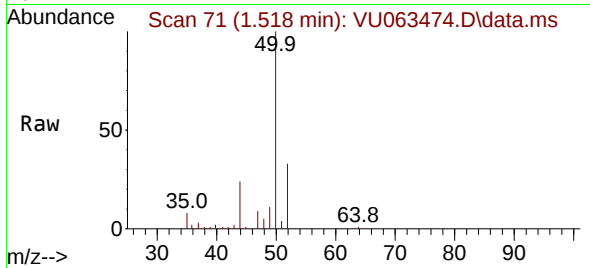




#3  
Chloromethane  
Concen: 16.347 ug/l  
RT: 1.518 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

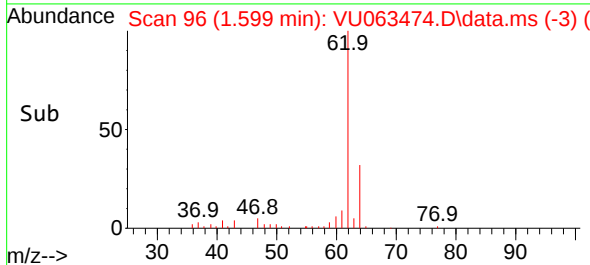
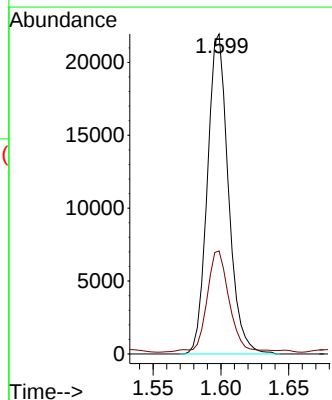
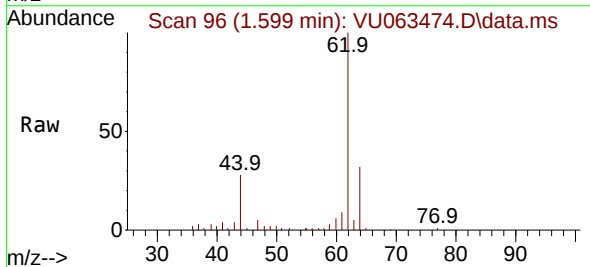
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

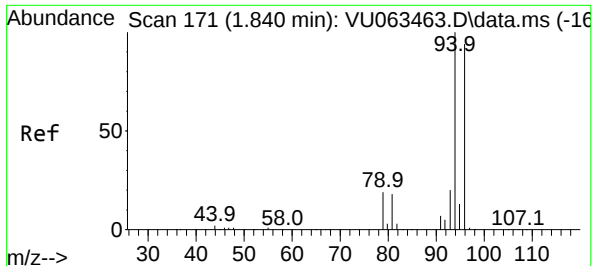
Tgt Ion: 50 Resp: 18737  
Ion Ratio Lower Upper  
50 100  
52 32.9 25.8 38.8



#4  
Vinyl Chloride  
Concen: 18.623 ug/l  
RT: 1.599 min Scan# 96  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 62 Resp: 23668  
Ion Ratio Lower Upper  
62 100  
64 31.1 26.9 40.3

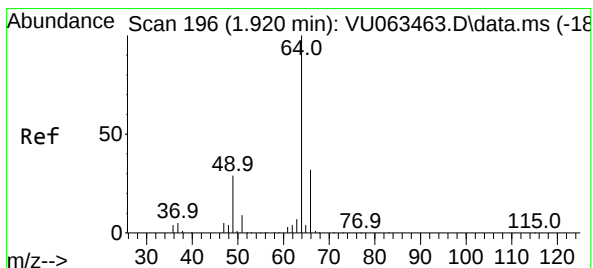
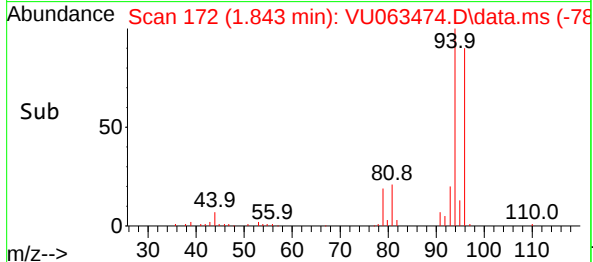
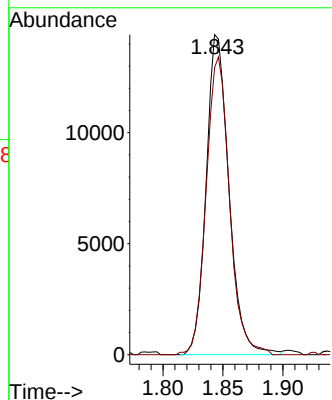
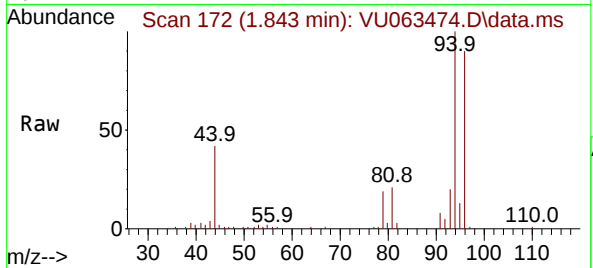




#5  
Bromomethane  
Concen: 21.369 ug/l  
RT: 1.843 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

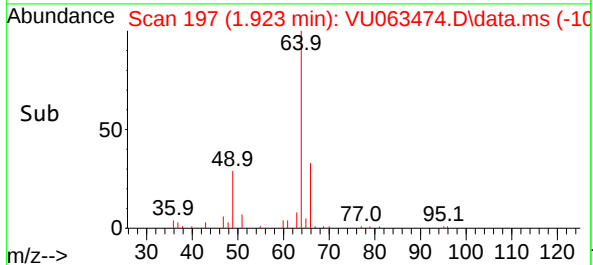
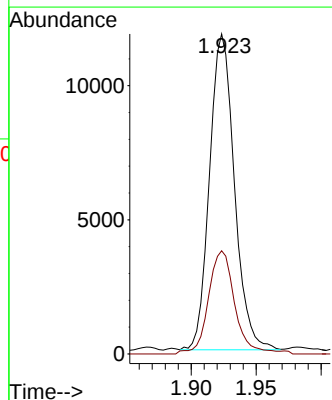
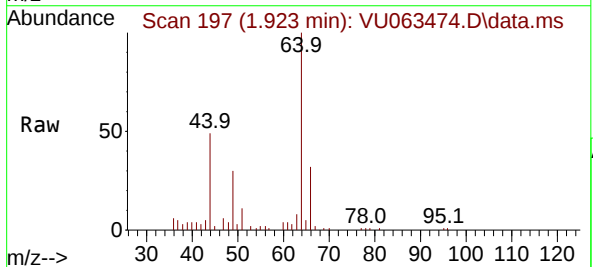
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

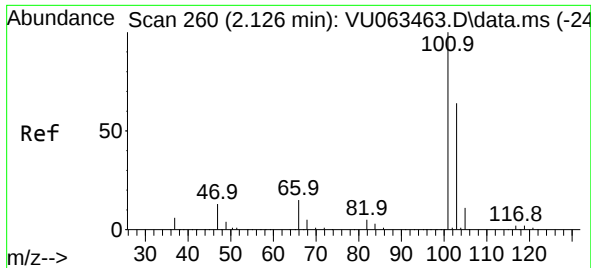
Tgt Ion: 94 Resp: 19028  
Ion Ratio Lower Upper  
94 100  
96 89.7 75.5 113.3



#6  
Chloroethane  
Concen: 17.034 ug/l  
RT: 1.923 min Scan# 197  
Delta R.T. 0.003 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 64 Resp: 15686  
Ion Ratio Lower Upper  
64 100  
66 31.8 25.3 37.9

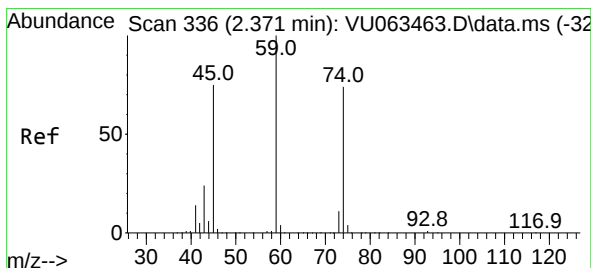
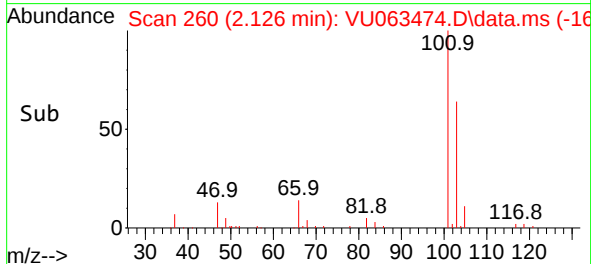
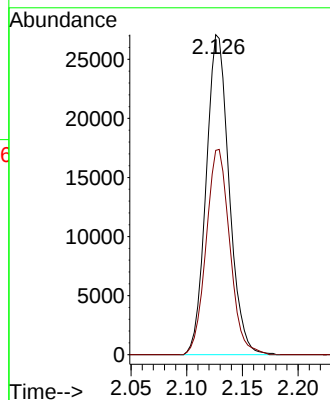
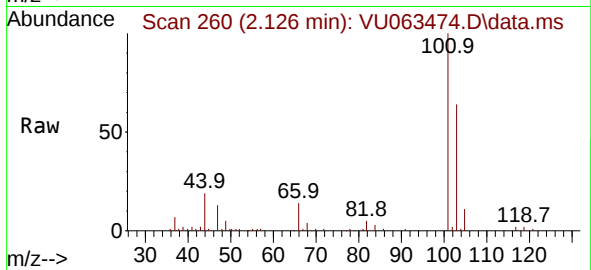




#7  
Trichlorofluoromethane  
Concen: 18.948 ug/l  
RT: 2.126 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

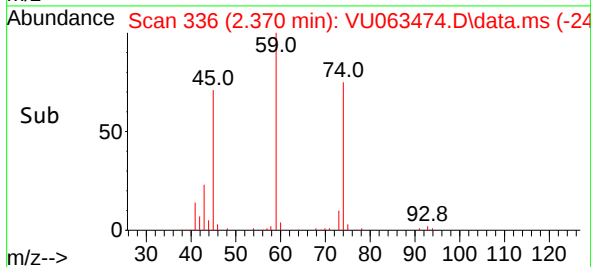
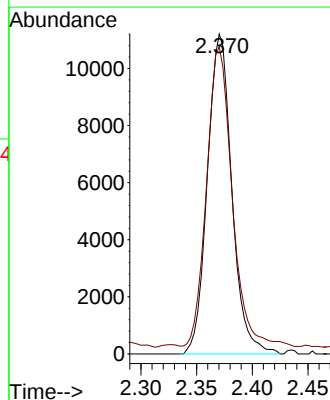
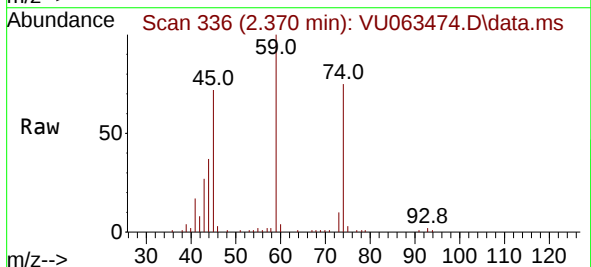
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

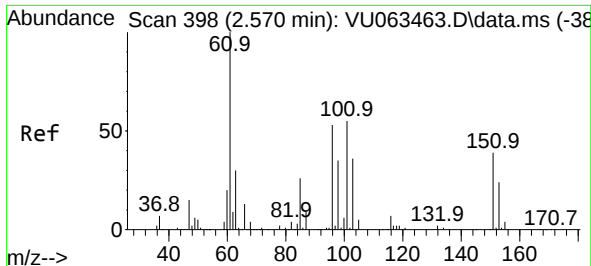
Tgt Ion:101 Resp: 38850  
Ion Ratio Lower Upper  
101 100  
103 63.9 51.1 76.7



#8  
Diethyl Ether  
Concen: 20.045 ug/l  
RT: 2.370 min Scan# 336  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 74 Resp: 17128  
Ion Ratio Lower Upper  
74 100  
45 97.2 49.7 149.1

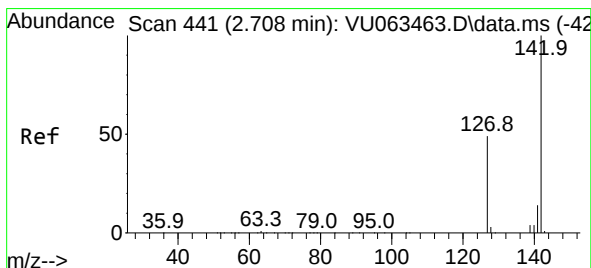
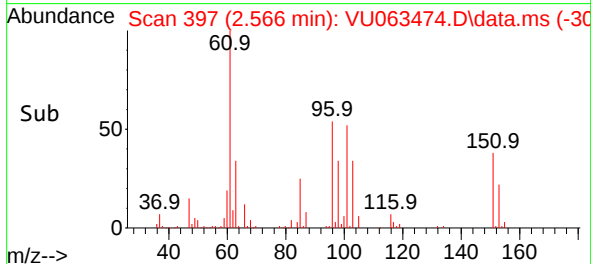
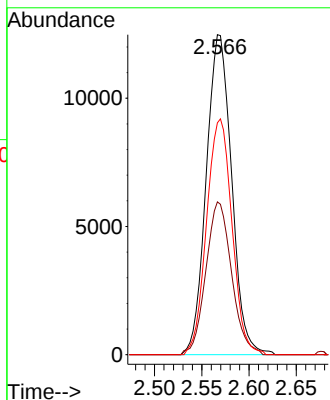
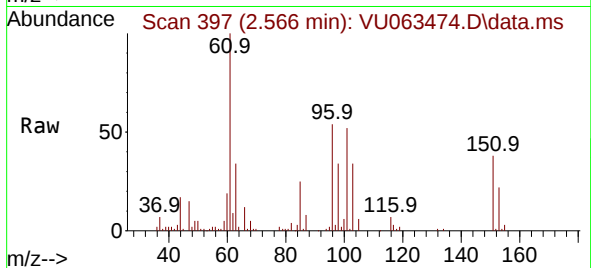




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.227 ug/l  
RT: 2.566 min Scan# 398  
Delta R.T. -0.003 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

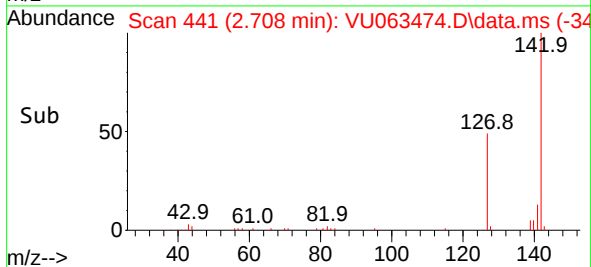
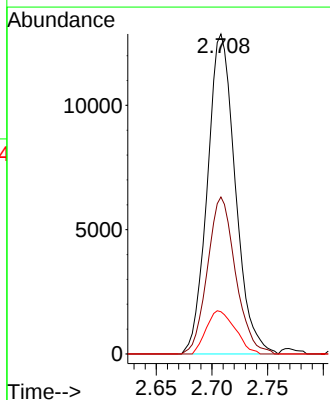
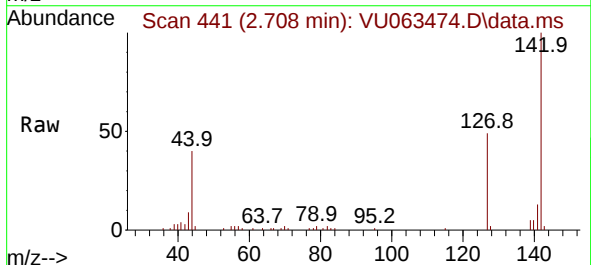
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

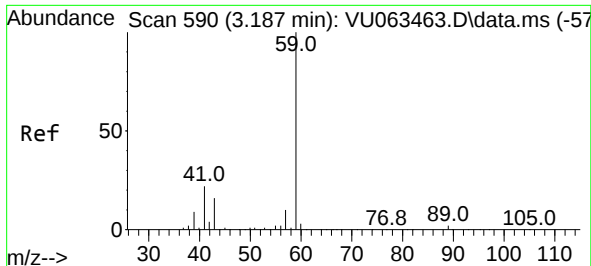
Tgt Ion:101 Resp: 23317  
Ion Ratio Lower Upper  
101 100  
85 48.4 39.6 59.4  
151 73.7 57.2 85.8



#10  
Methyl Iodide  
Concen: 17.697 ug/l  
RT: 2.708 min Scan# 441  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion:142 Resp: 22417  
Ion Ratio Lower Upper  
142 100  
127 49.3 38.2 57.4  
141 13.9 11.1 16.7

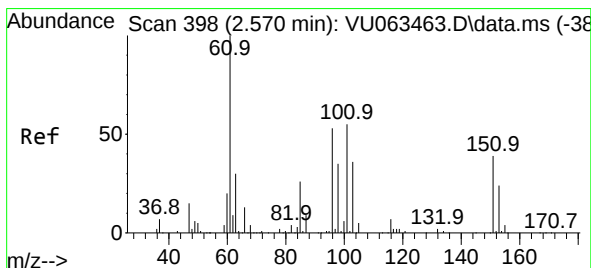
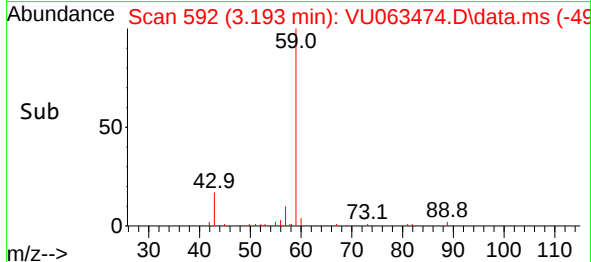
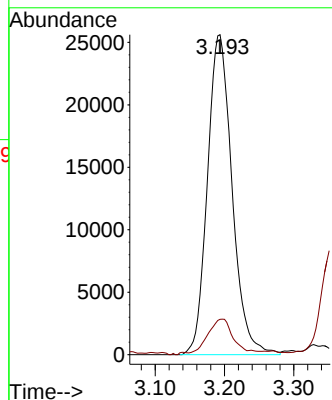
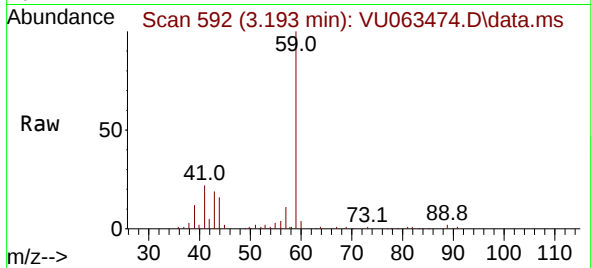




#11  
Tert butyl alcohol  
Concen: 125.208 ug/l  
RT: 3.193 min Scan# 591  
Delta R.T. 0.006 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

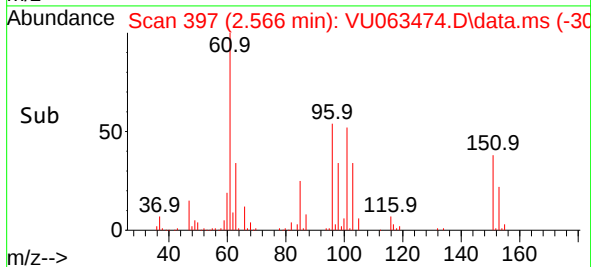
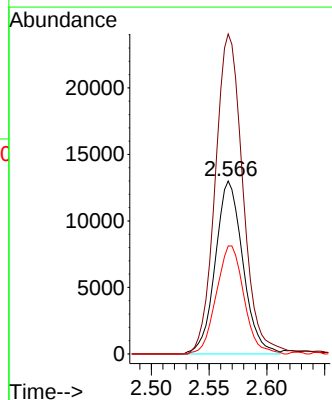
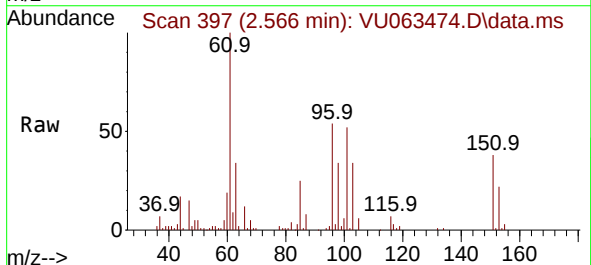
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

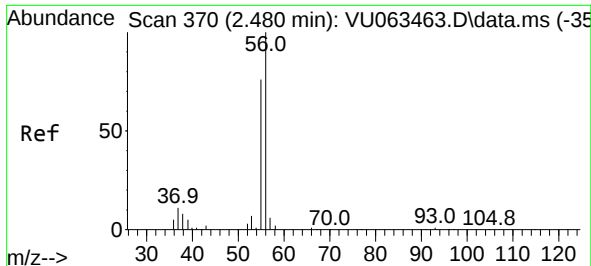
Tgt Ion: 59 Resp: 63375  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.8 13.2



#12  
1,1-Dichloroethene  
Concen: 19.136 ug/l  
RT: 2.566 min Scan# 397  
Delta R.T. -0.003 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 96 Resp: 21602  
Ion Ratio Lower Upper  
96 100  
61 185.0 149.6 224.4  
98 62.4 52.0 78.0





#13

Acrolein

Concen: 98.231 ug/l

RT: 2.480 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Instrument :

MSVOA\_U

ClientSampleId :

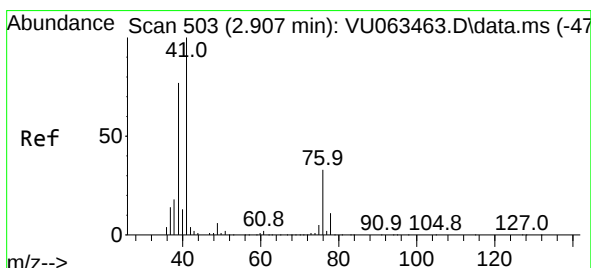
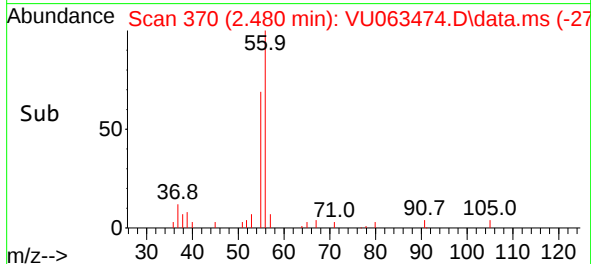
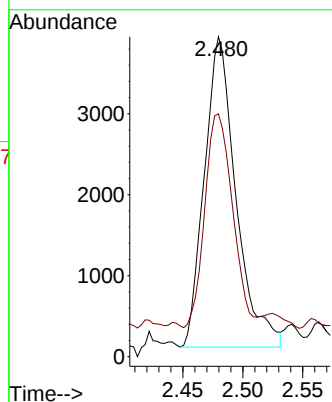
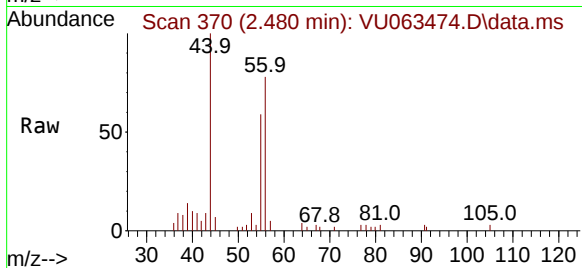
VU0710WBSD01

Tgt Ion: 56 Resp: 7018

Ion Ratio Lower Upper

56 100

55 60.6 60.2 90.2



#14

Allyl chloride

Concen: 19.158 ug/l

RT: 2.907 min Scan# 503

Delta R.T. -0.000 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

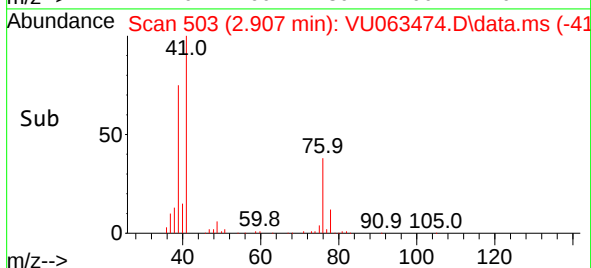
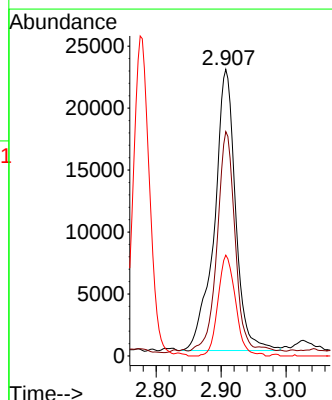
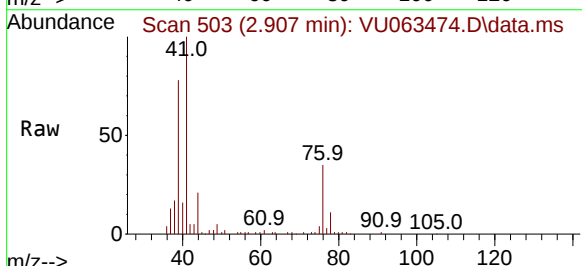
Tgt Ion: 41 Resp: 51480

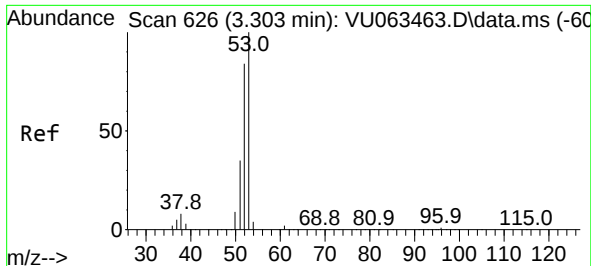
Ion Ratio Lower Upper

41 100

39 64.7 53.9 80.9

76 29.4 23.1 34.7

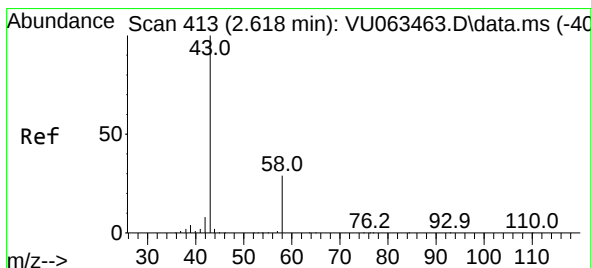
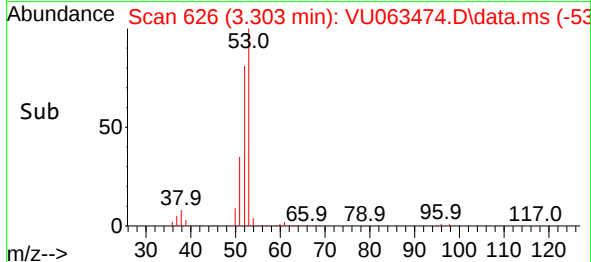
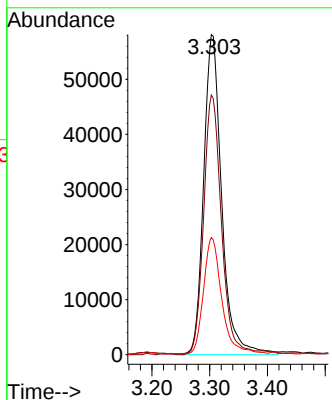
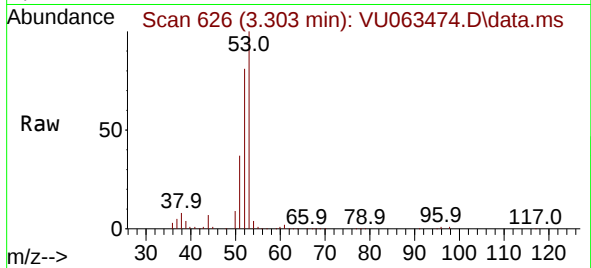




#15  
Acrylonitrile  
Concen: 116.632 ug/l  
RT: 3.303 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

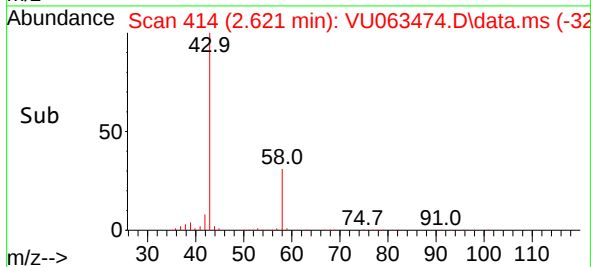
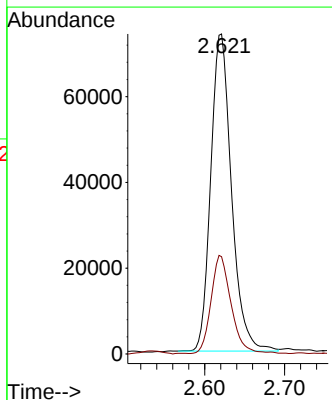
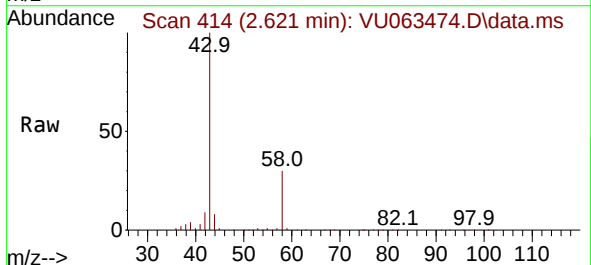
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

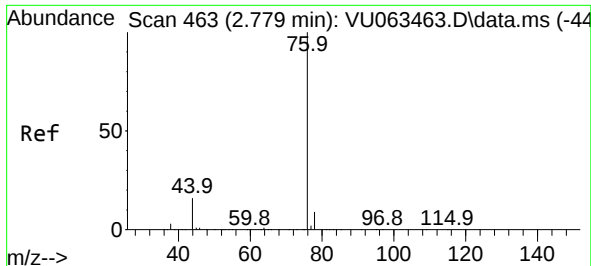
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 126451 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 79.9  | 65.0  | 97.4   |
| 51       | 36.5  | 28.8  | 43.2   |



#16  
Acetone  
Concen: 104.974 ug/l  
RT: 2.621 min Scan# 414  
Delta R.T. 0.003 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 132936 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 30.5  | 23.1  | 34.7   |

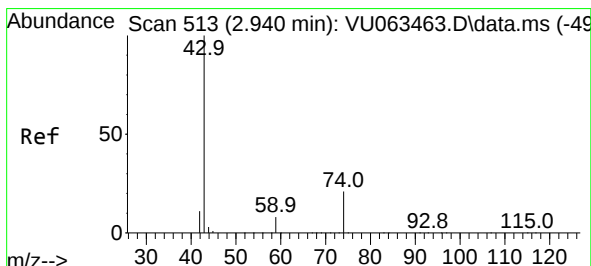
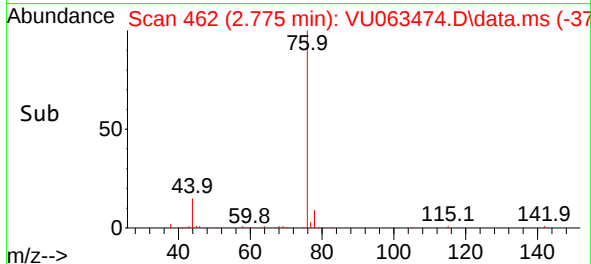
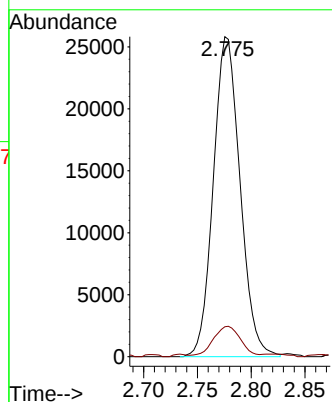
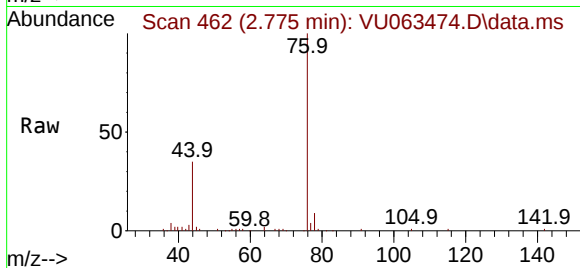




#17  
Carbon Disulfide  
Concen: 16.548 ug/l  
RT: 2.775 min Scan# 462  
Delta R.T. -0.004 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

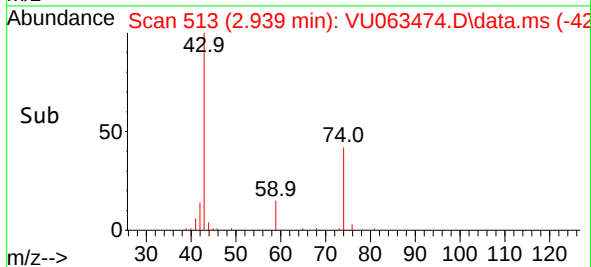
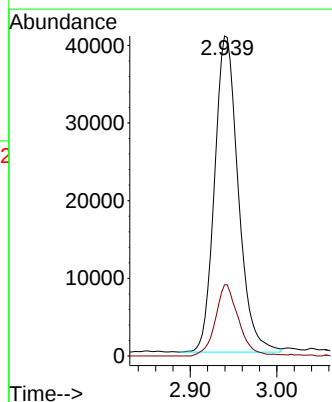
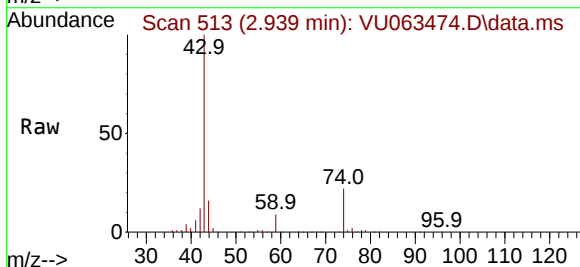
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

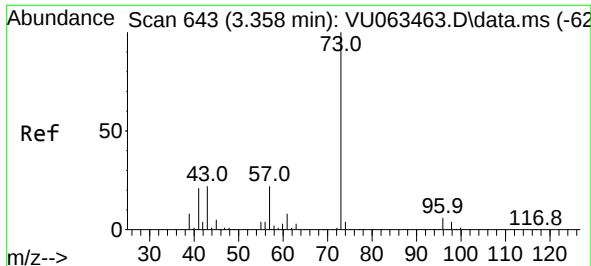
Tgt Ion: 76 Resp: 44656  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.5 11.3



#18  
Methyl Acetate  
Concen: 23.721 ug/l  
RT: 2.939 min Scan# 513  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 43 Resp: 77307  
Ion Ratio Lower Upper  
43 100  
74 21.9 17.3 25.9

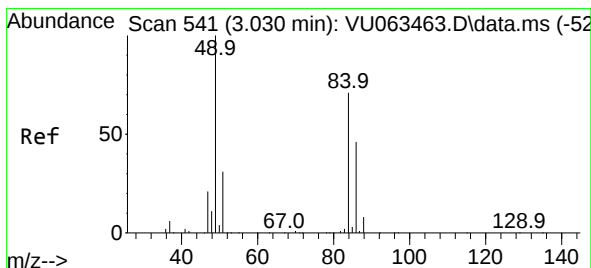
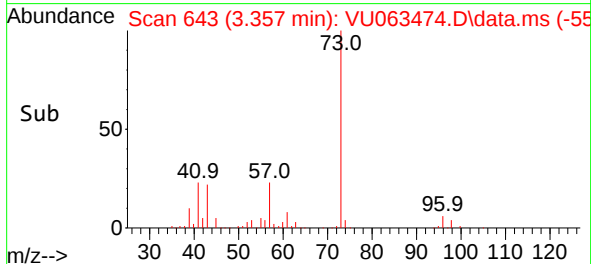
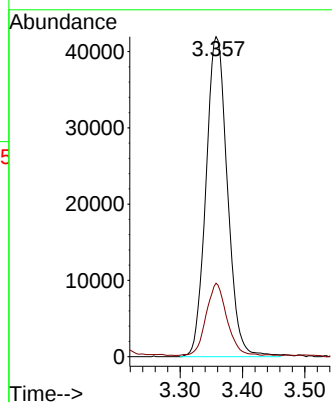
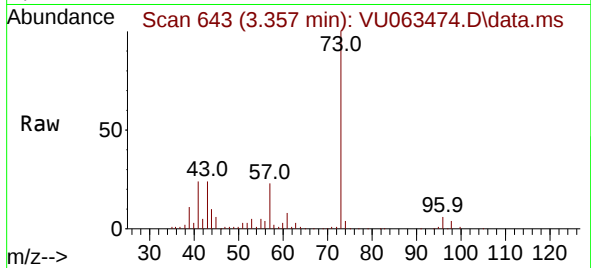




#19  
Methyl tert-butyl Ether  
Concen: 20.587 ug/l  
RT: 3.357 min Scan# 64  
Delta R.T. -0.001 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

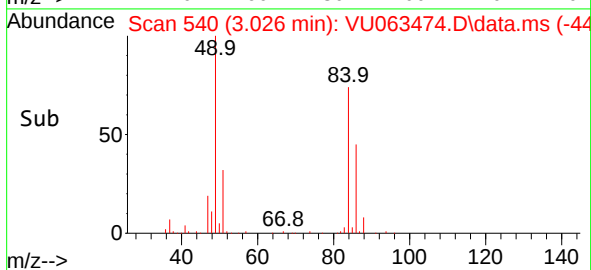
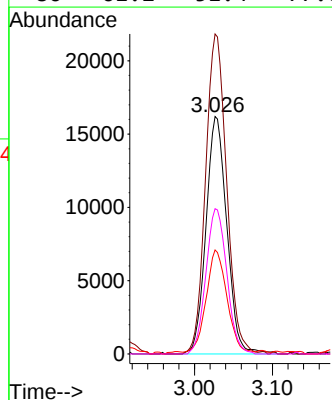
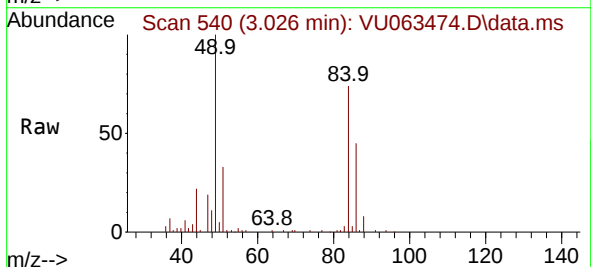
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

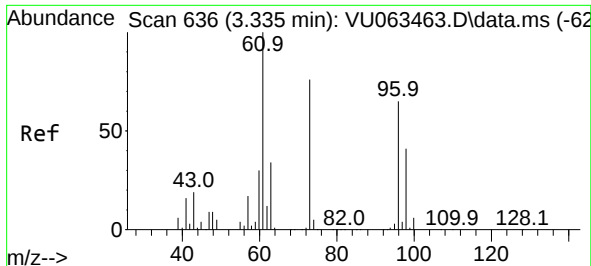
Tgt Ion: 73 Resp: 100229  
Ion Ratio Lower Upper  
73 100  
57 22.5 17.8 26.6



#20  
Methylene Chloride  
Concen: 16.330 ug/l  
RT: 3.026 min Scan# 540  
Delta R.T. -0.004 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 84 Resp: 30153  
Ion Ratio Lower Upper  
84 100  
49 134.7 112.1 168.1  
51 42.9 34.4 51.6  
86 61.2 51.4 77.0

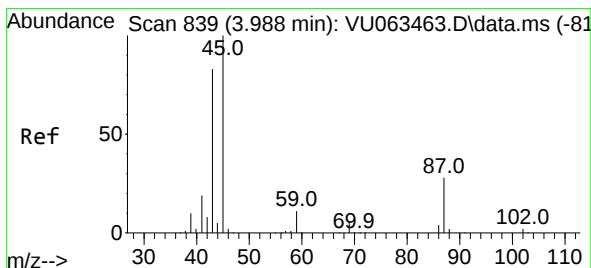
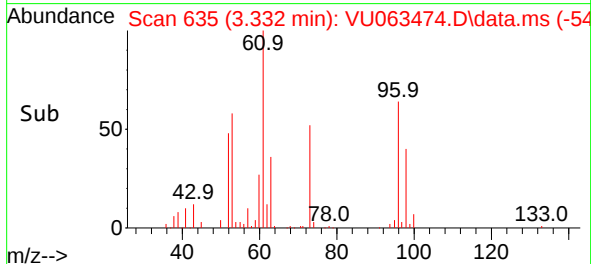
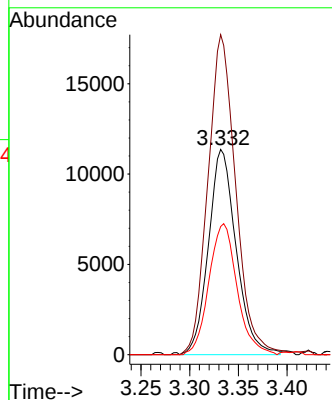
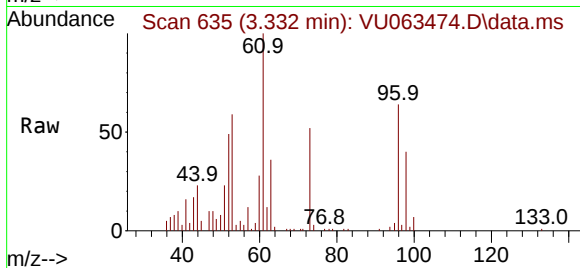




#21  
trans-1,2-Dichloroethene  
Concen: 18.563 ug/l  
RT: 3.332 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

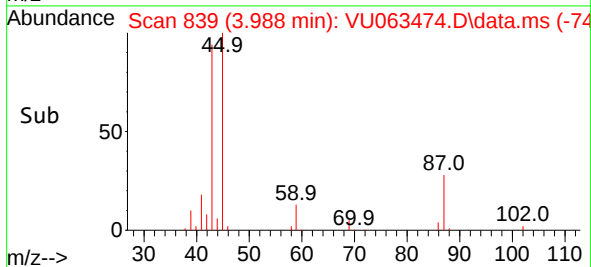
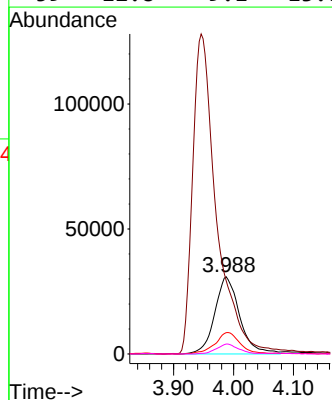
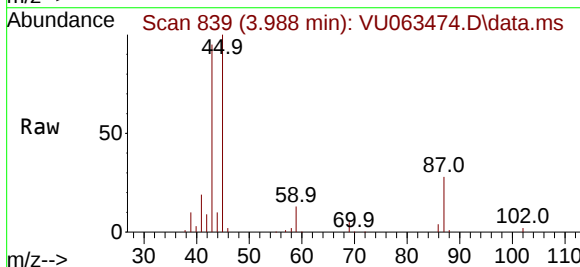
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ClientSampleId :  
VU0710WBSD01

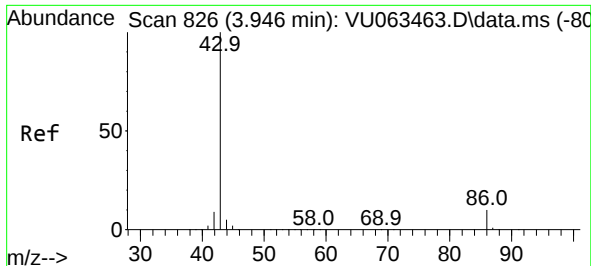
Tgt Ion: 96 Resp: 22513  
Ion Ratio Lower Upper  
96 100  
61 155.9 122.2 183.4  
98 62.4 49.9 74.9



#22  
Diisopropyl ether  
Concen: 19.406 ug/l  
RT: 3.988 min Scan# 839  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 45 Resp: 88786  
Ion Ratio Lower Upper  
45 100  
43 93.9 66.5 99.7  
87 27.5 22.6 33.8  
59 12.8 9.1 13.7

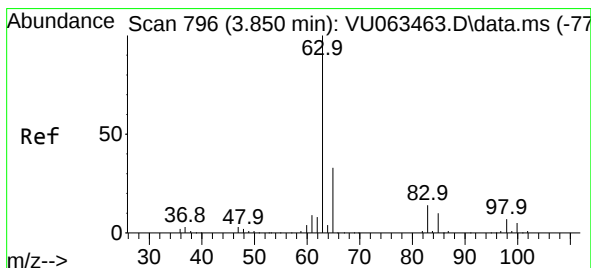
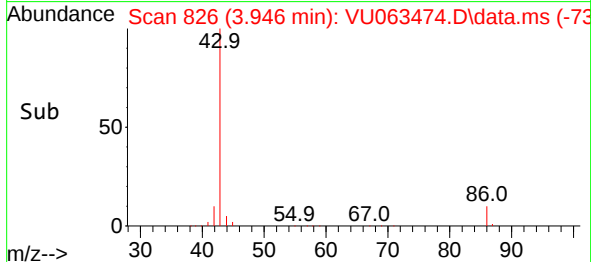
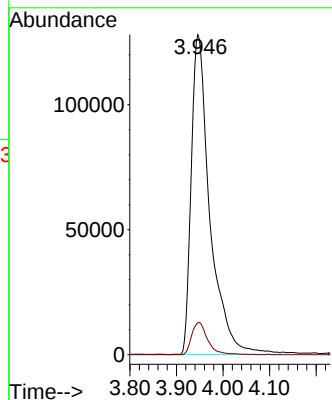
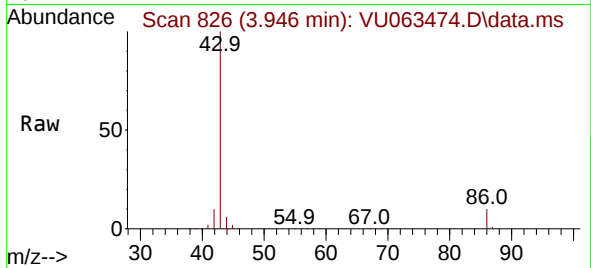




#23  
 Vinyl Acetate  
 Concen: 100.073 ug/l  
 RT: 3.946 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: VU063474.D  
 Acq: 10 Jul 2025 12:12

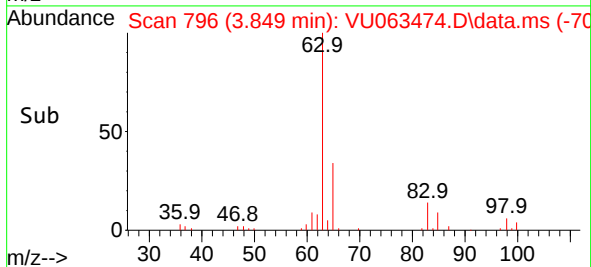
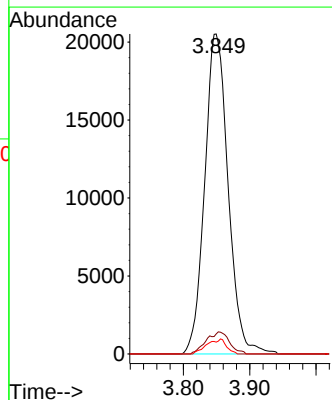
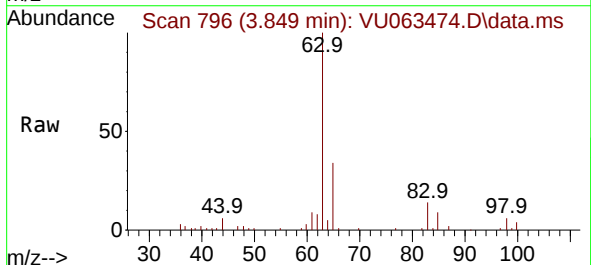
Instrument :  
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 ClientSampleId :  
 VU0710WBSD01

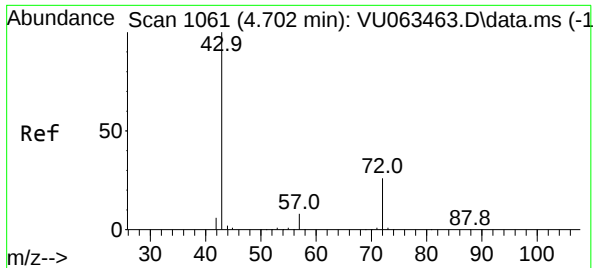
Tgt Ion: 43 Resp: 355274  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 8.2 12.2



#24  
 1,1-Dichloroethane  
 Concen: 19.403 ug/l  
 RT: 3.849 min Scan# 796  
 Delta R.T. -0.000 min  
 Lab File: VU063474.D  
 Acq: 10 Jul 2025 12:12

Tgt Ion: 63 Resp: 50383  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.6 10.9  
 100 3.7 2.3 6.8





#25

2-Butanone

Concen: 115.353 ug/l

RT: 4.705 min Scan# 1062

Delta R.T. 0.003 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Instrument :

MSVOA\_U

ClientSampleId :

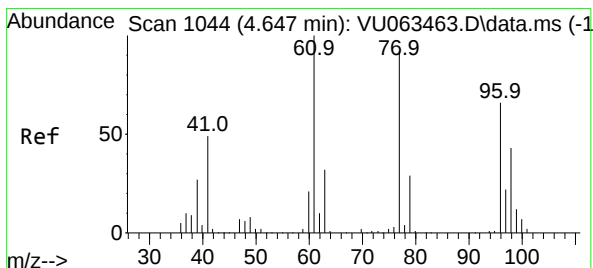
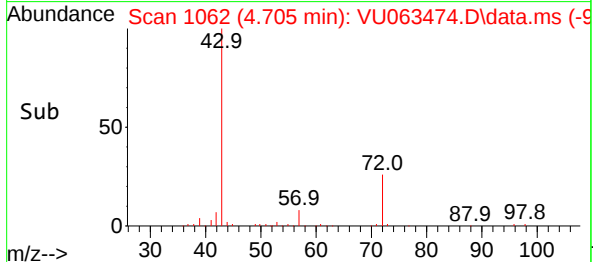
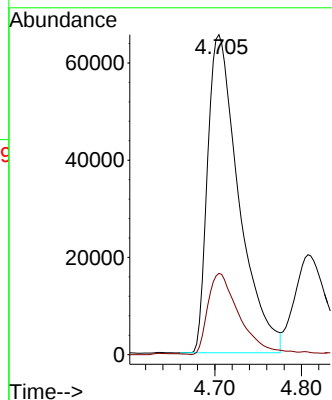
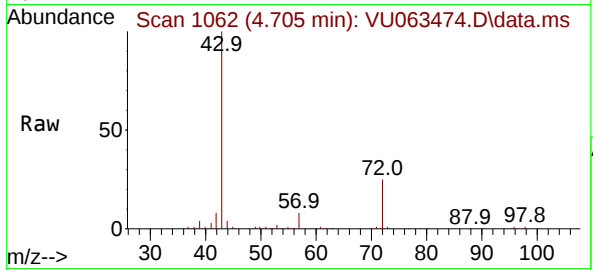
VU0710WBSD01

Tgt Ion: 43 Resp: 163988

Ion Ratio Lower Upper

43 100

72 25.3 20.7 31.1



#26

2,2-Dichloropropane

Concen: 19.160 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063474.D

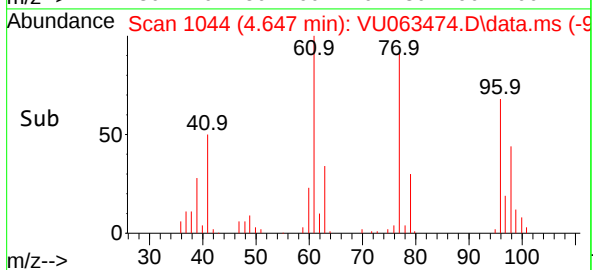
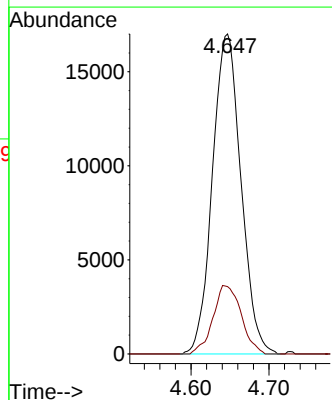
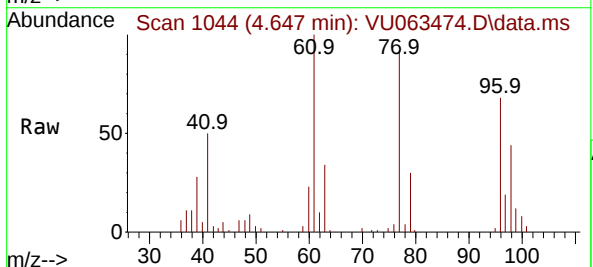
Acq: 10 Jul 2025 12:12

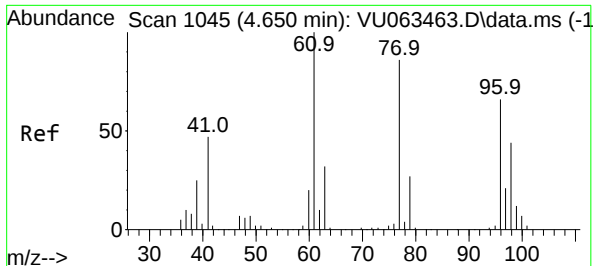
Tgt Ion: 77 Resp: 43285

Ion Ratio Lower Upper

77 100

97 21.1 11.8 35.3

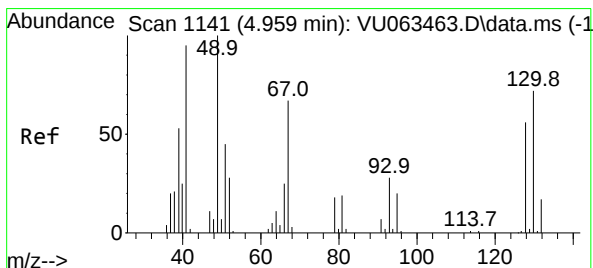
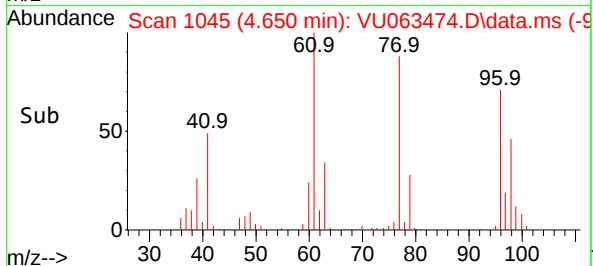
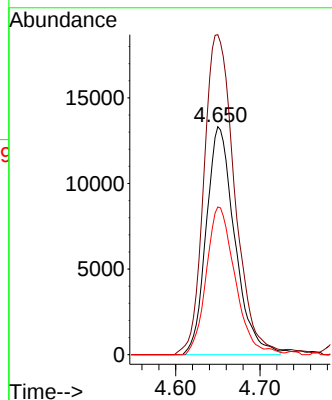
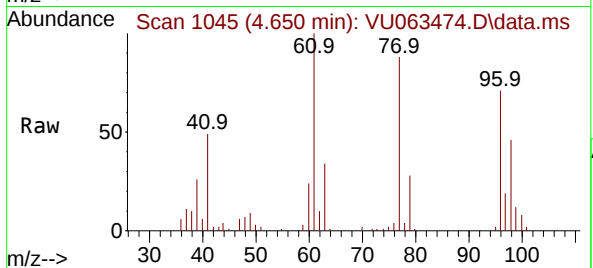




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.594 ug/l  
 RT: 4.650 min Scan# 1045  
 Delta R.T. -0.000 min  
 Lab File: VU063474.D  
 Acq: 10 Jul 2025 12:12

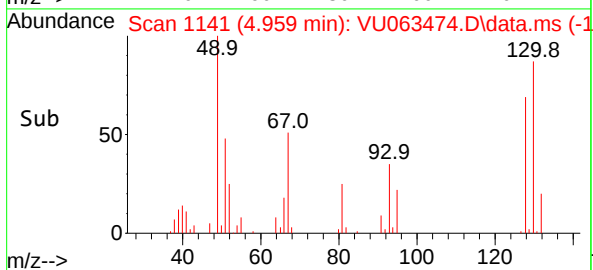
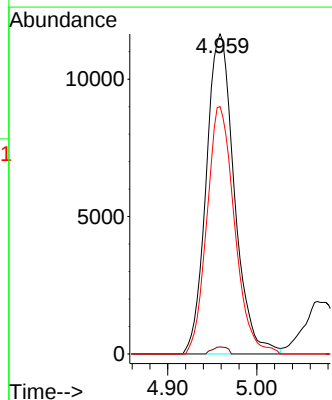
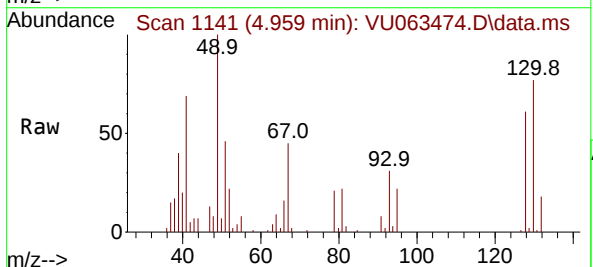
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0710WBSD01

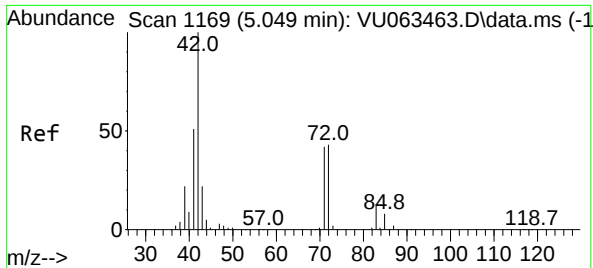
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 31367 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 151.0    | 0.0 307.2   |
| 98 65.3     | 0.0 133.0   |



#28  
 Bromochloromethane  
 Concen: 20.951 ug/l  
 RT: 4.959 min Scan# 1141  
 Delta R.T. -0.000 min  
 Lab File: VU063474.D  
 Acq: 10 Jul 2025 12:12

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 25555 |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 1.2     | 0.0 3.8     |
| 130 75.9    | 59.0 88.4   |

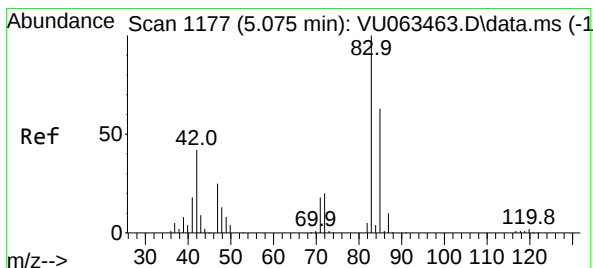
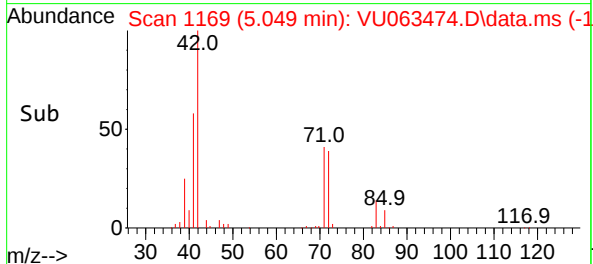
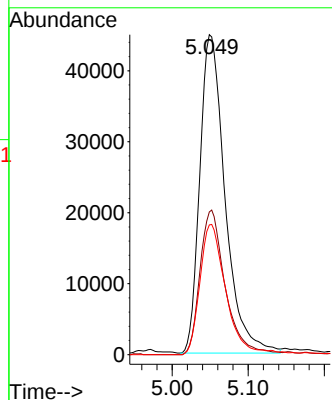
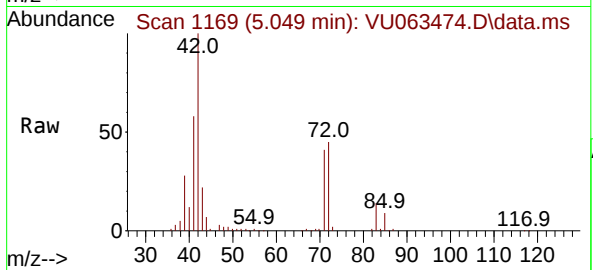




#29  
Tetrahydrofuran  
Concen: 115.705 ug/l  
RT: 5.049 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

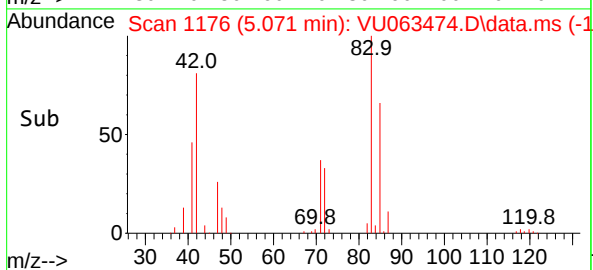
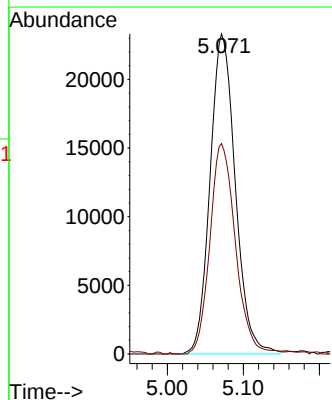
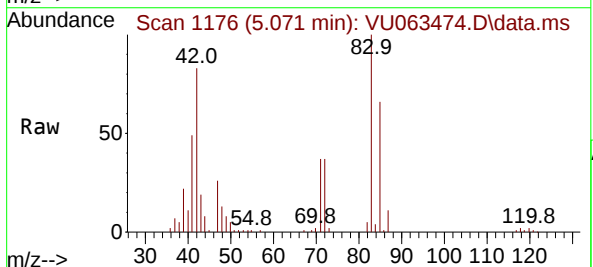
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

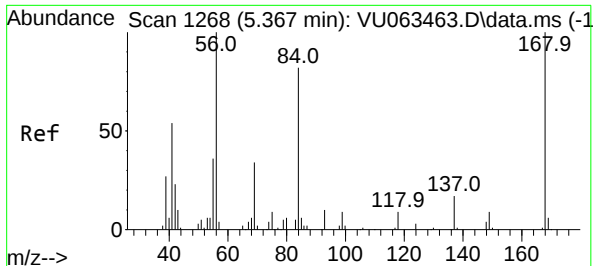
Tgt Ion: 42 Resp: 103762  
Ion Ratio Lower Upper  
42 100  
72 45.4 36.2 54.4  
71 41.3 33.3 49.9



#30  
Chloroform  
Concen: 19.641 ug/l  
RT: 5.071 min Scan# 1176  
Delta R.T. -0.003 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 83 Resp: 53844  
Ion Ratio Lower Upper  
83 100  
85 65.8 50.7 76.1

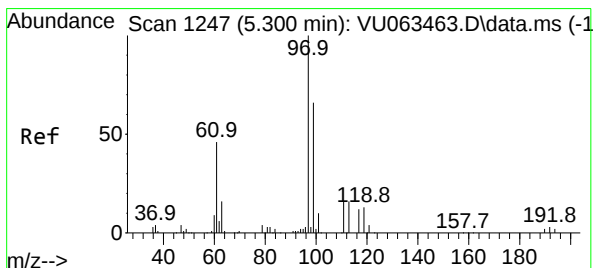
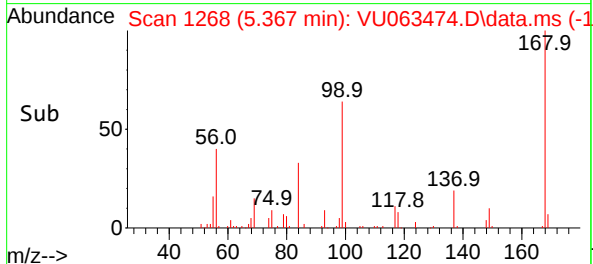
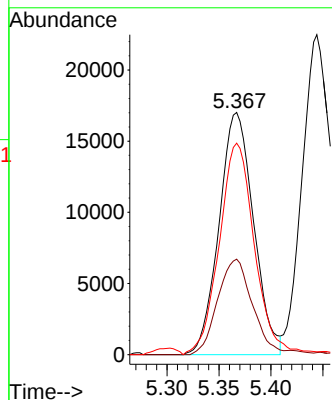
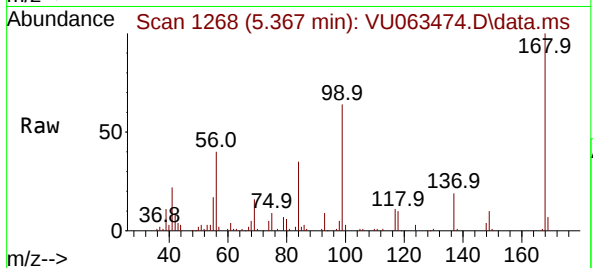




#31  
Cyclohexane  
Concen: 18.839 ug/l  
RT: 5.367 min Scan# 1268  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

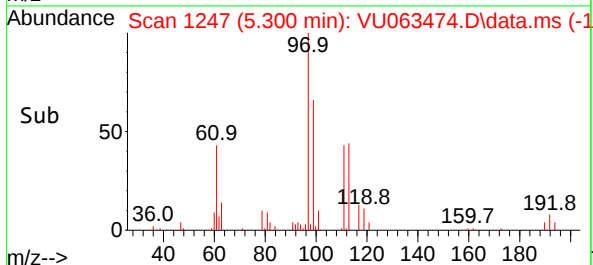
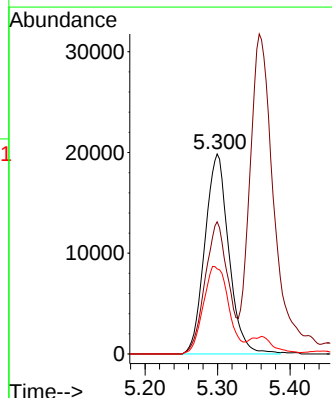
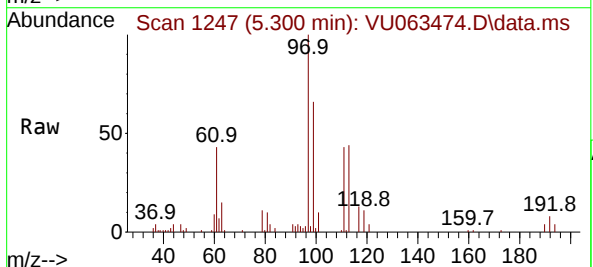
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

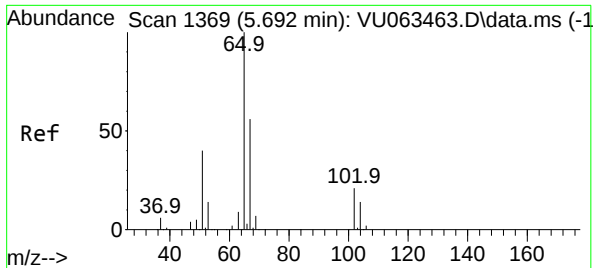
Tgt Ion: 56 Resp: 39326  
Ion Ratio Lower Upper  
56 100  
69 39.4 27.0 40.4  
84 86.0 65.7 98.5



#32  
1,1,1-Trichloroethane  
Concen: 19.496 ug/l  
RT: 5.300 min Scan# 1247  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 97 Resp: 45509  
Ion Ratio Lower Upper  
97 100  
99 63.8 50.4 75.6  
61 46.3 36.3 54.5

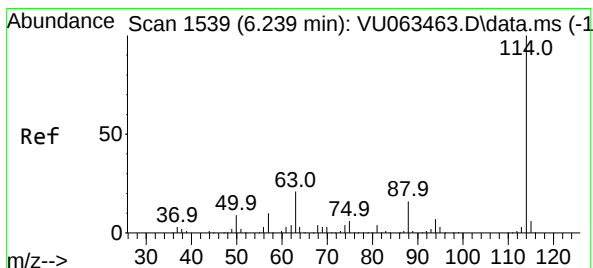
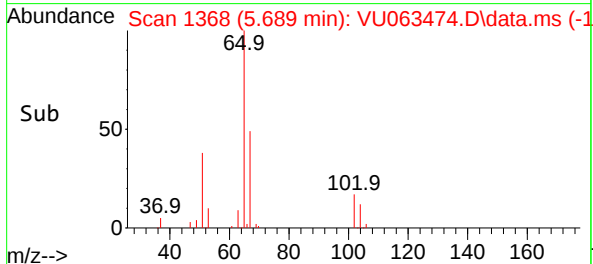
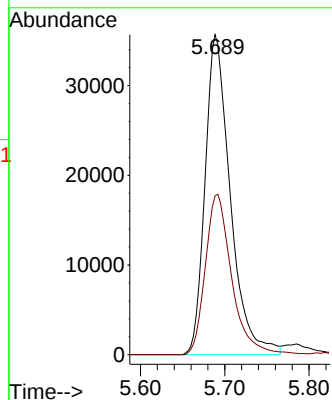
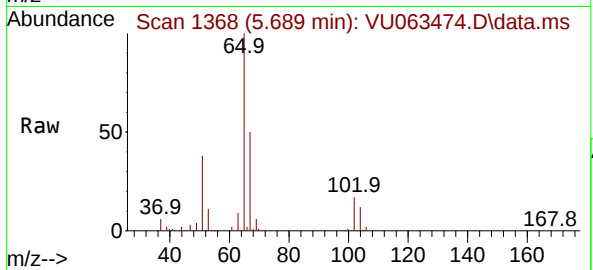




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.221 ug/l  
 RT: 5.689 min Scan# 11  
 Delta R.T. -0.003 min  
 Lab File: VU063474.D  
 Acq: 10 Jul 2025 12:12

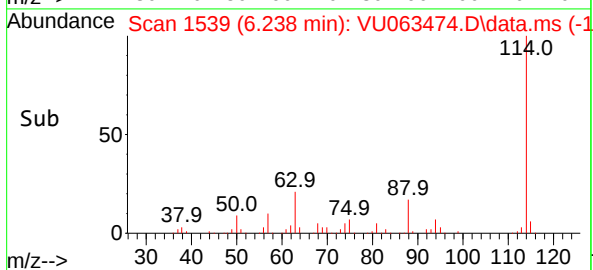
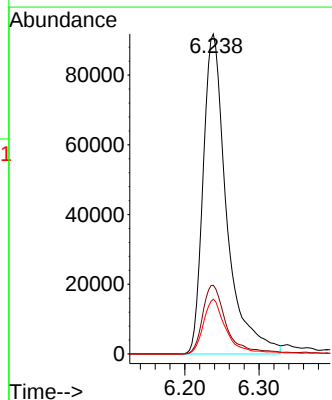
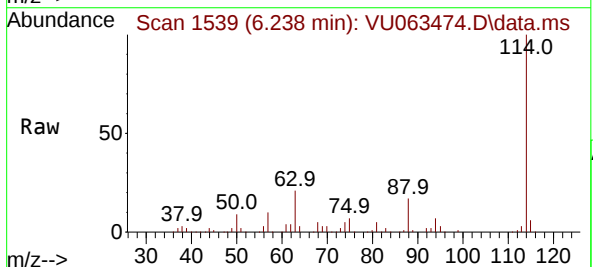
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0710WBSD01

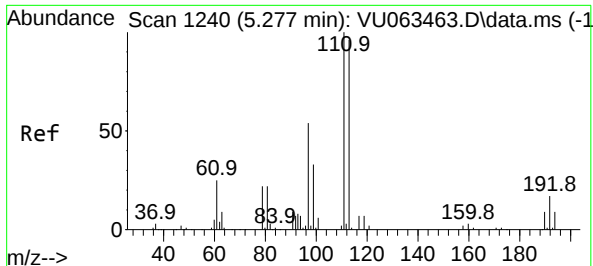
Tgt Ion: 65 Resp: 74306  
 Ion Ratio Lower Upper  
 65 100  
 67 52.5 0.0 107.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.238 min Scan# 1539  
 Delta R.T. -0.000 min  
 Lab File: VU063474.D  
 Acq: 10 Jul 2025 12:12

Tgt Ion: 114 Resp: 201841  
 Ion Ratio Lower Upper  
 114 100  
 63 21.5 0.0 41.6  
 88 17.1 0.0 32.0

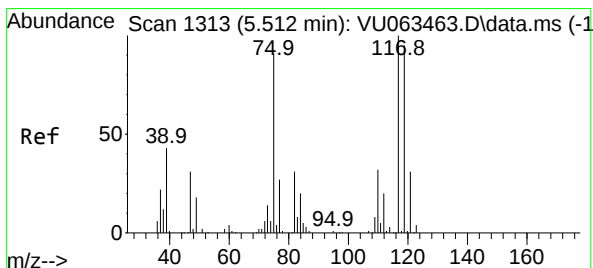
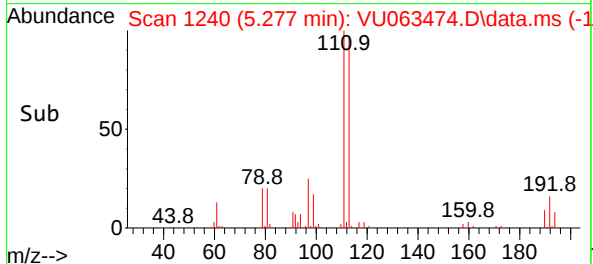
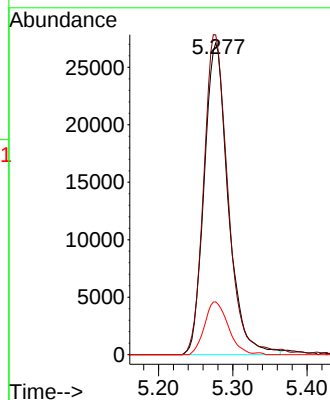
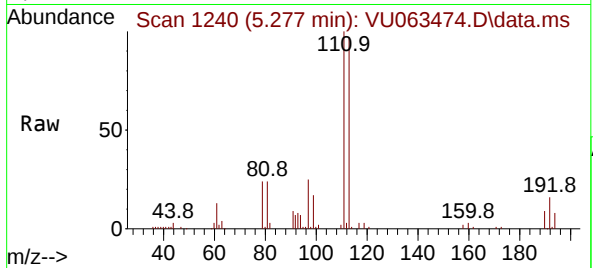




#35  
Dibromofluoromethane  
Concen: 50.011 ug/l  
RT: 5.277 min Scan# 1113  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

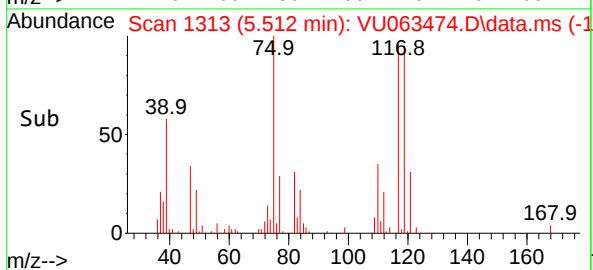
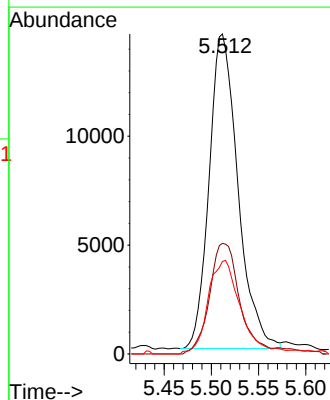
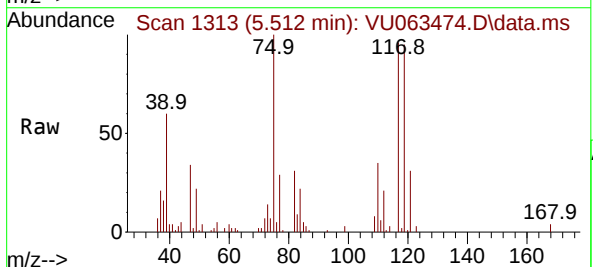
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

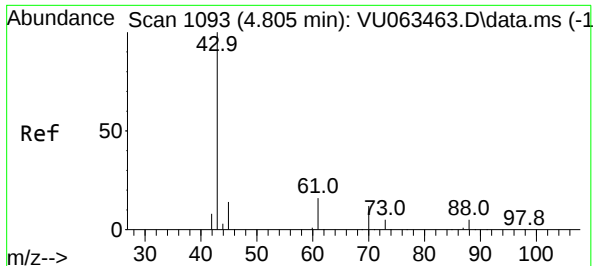
Tgt Ion:113 Resp: 60847  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.1 123.1  
192 16.7 14.3 21.5



#36  
1,1-Dichloropropene  
Concen: 18.526 ug/l  
RT: 5.512 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 75 Resp: 30627  
Ion Ratio Lower Upper  
75 100  
110 36.6 17.3 52.0  
77 33.6 23.9 35.9





#37

Ethyl Acetate

Concen: 19.846 ug/l

RT: 4.808 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Instrument :

MSVOA\_U

ClientSampleId :

VU0710WBSD01

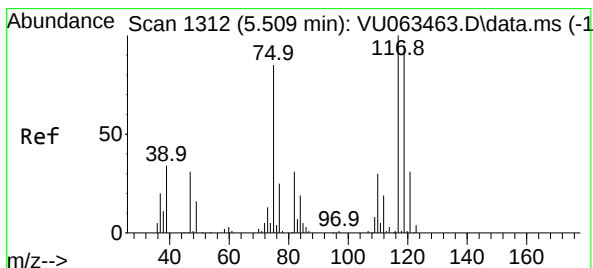
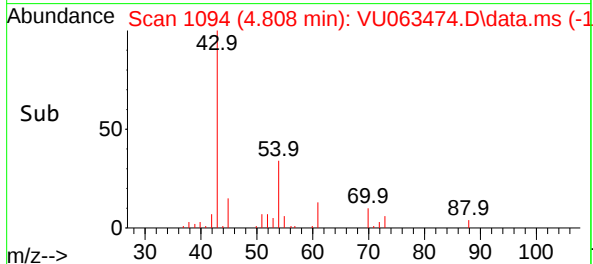
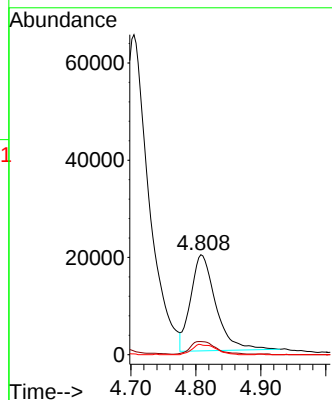
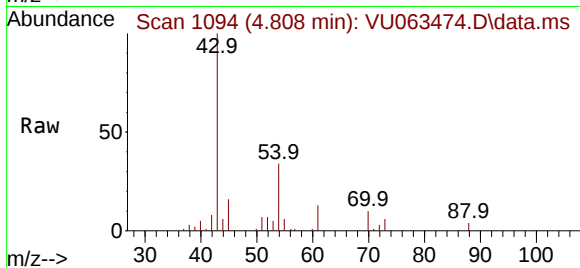
Tgt Ion: 43 Resp: 53133

Ion Ratio Lower Upper

43 100

61 13.1 10.4 15.6

70 10.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.204 ug/l

RT: 5.505 min Scan# 1311

Delta R.T. -0.003 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

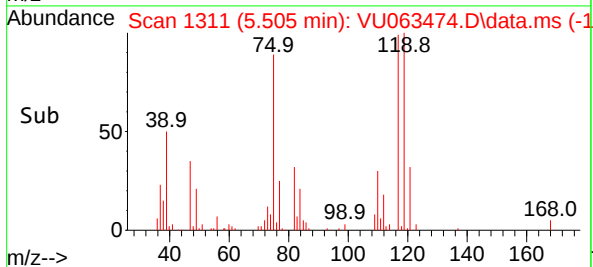
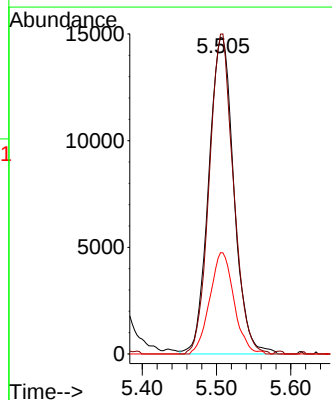
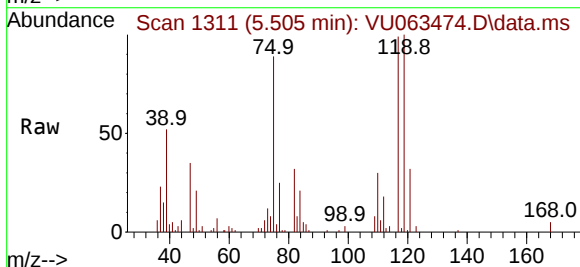
Tgt Ion: 117 Resp: 34980

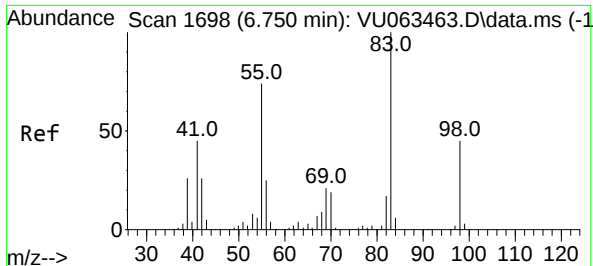
Ion Ratio Lower Upper

117 100

119 101.0 76.1 114.1

121 32.0 25.0 37.4





#39

Methylcyclohexane

Concen: 18.987 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Instrument :

MSVOA\_U

ClientSampleId :

VU0710WBSD01

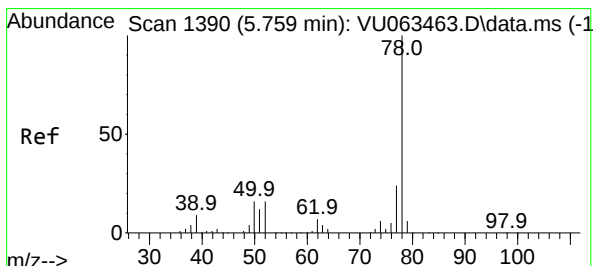
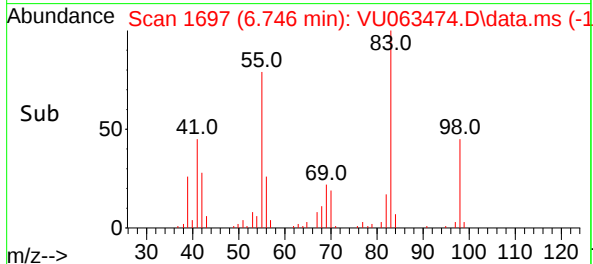
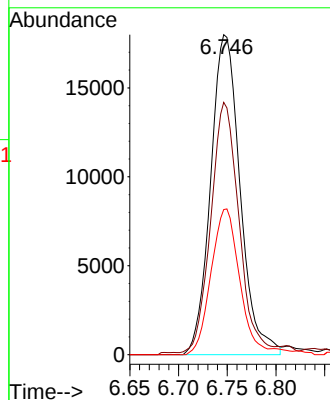
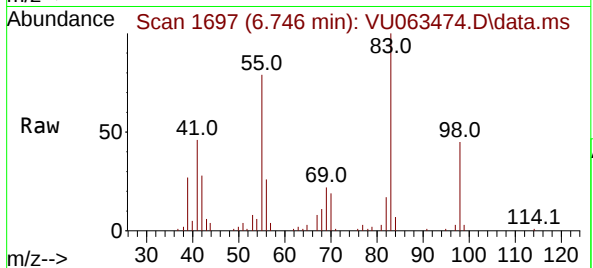
Tgt Ion: 83 Resp: 37927

Ion Ratio Lower Upper

83 100

55 78.2 59.4 89.2

98 45.4 36.2 54.4



#40

Benzene

Concen: 20.277 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. -0.000 min

Lab File: VU063474.D

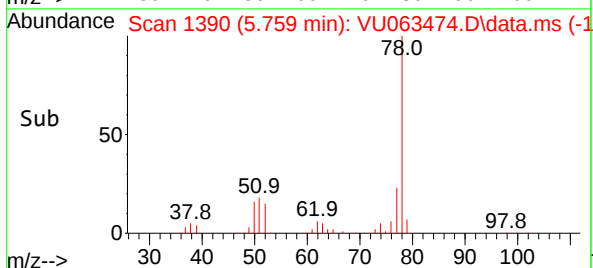
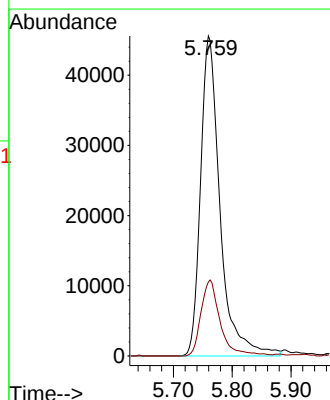
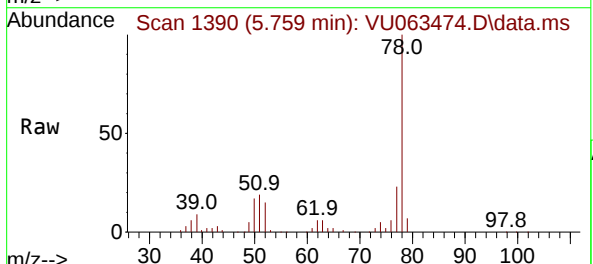
Acq: 10 Jul 2025 12:12

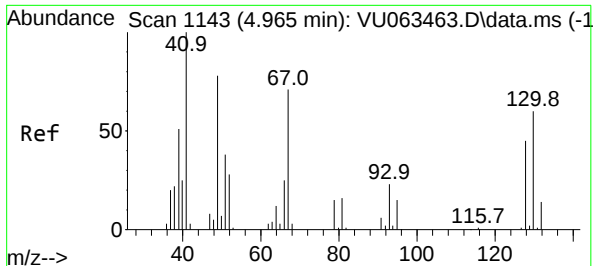
Tgt Ion: 78 Resp: 104688

Ion Ratio Lower Upper

78 100

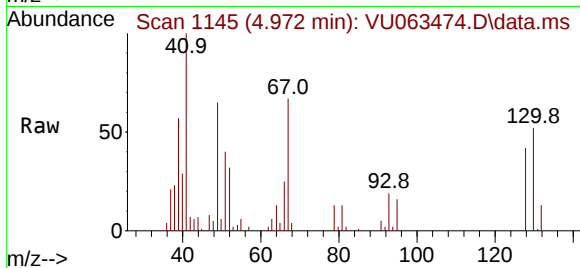
77 23.1 19.0 28.4



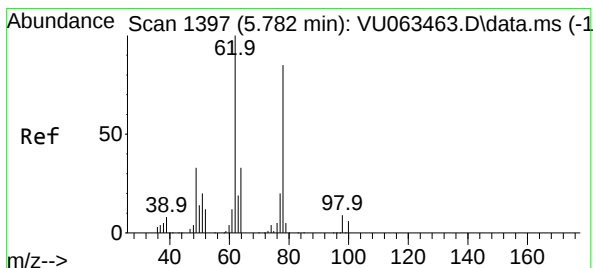
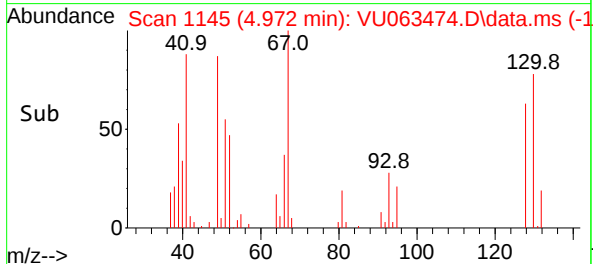
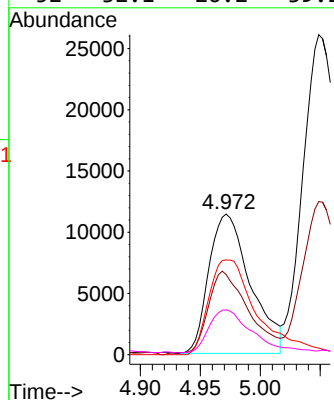


#41  
Methacrylonitrile  
Concen: 21.806 ug/l  
RT: 4.972 min Scan# 1145  
Delta R.T. 0.006 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

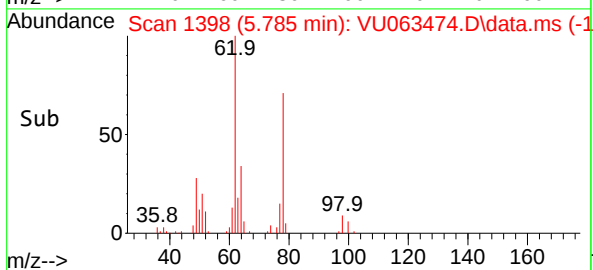
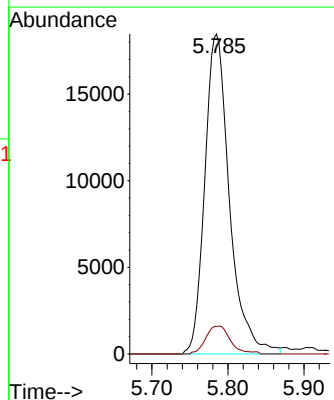
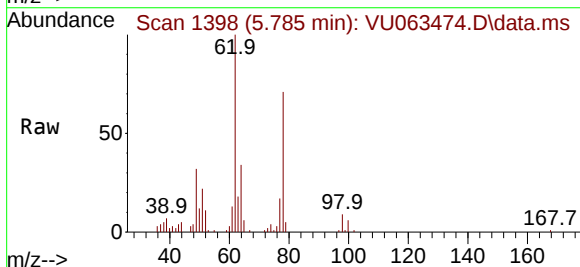


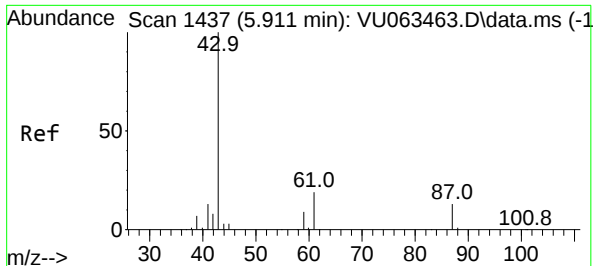
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 27548 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.1  | 43.6  | 65.4  |
| 67       | 79.4  | 62.8  | 94.2  |
| 52       | 32.1  | 26.2  | 39.2  |



#42  
1,2-Dichloroethane  
Concen: 21.446 ug/l  
RT: 5.785 min Scan# 1398  
Delta R.T. 0.003 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 41634 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.7   | 0.0   | 17.6  |

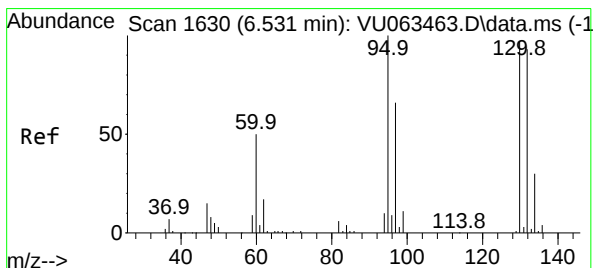
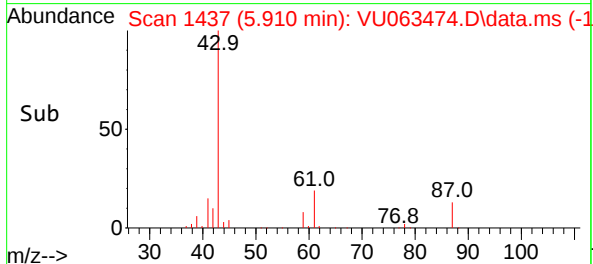
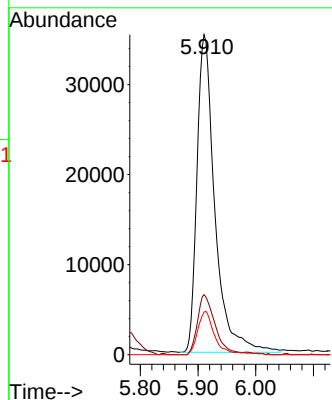
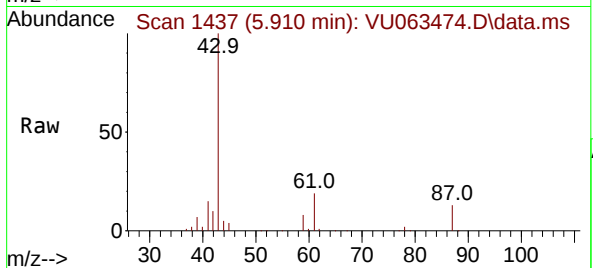




#43  
Isopropyl Acetate  
Concen: 21.393 ug/l  
RT: 5.910 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

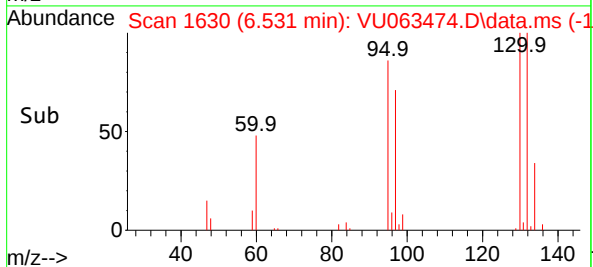
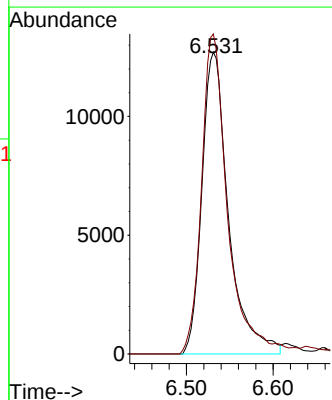
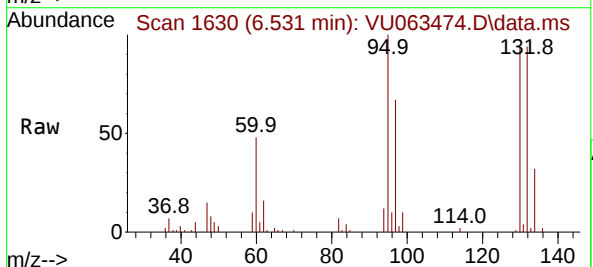
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

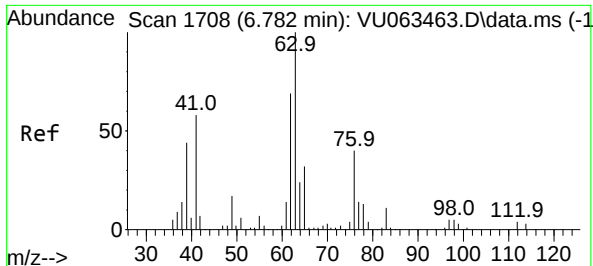
Tgt Ion: 43 Resp: 76078  
Ion Ratio Lower Upper  
43 100  
61 18.4 15.4 23.2  
87 12.4 10.5 15.7



#44  
Trichloroethene  
Concen: 19.641 ug/l  
RT: 6.531 min Scan# 1630  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion:130 Resp: 27137  
Ion Ratio Lower Upper  
130 100  
95 106.1 0.0 206.4





#45

1,2-Dichloropropane

Concen: 20.793 ug/l

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Instrument :

MSVOA\_U

ClientSampleId :

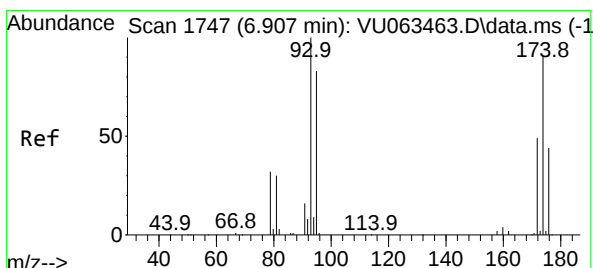
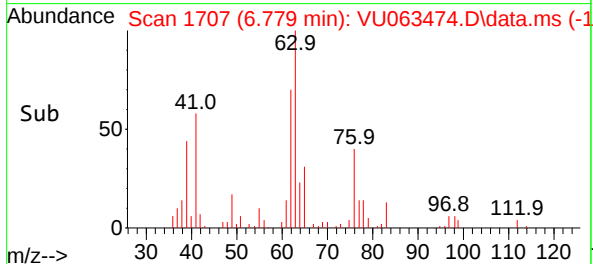
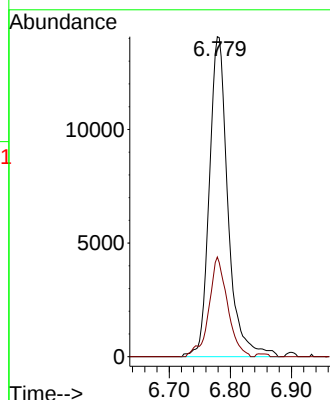
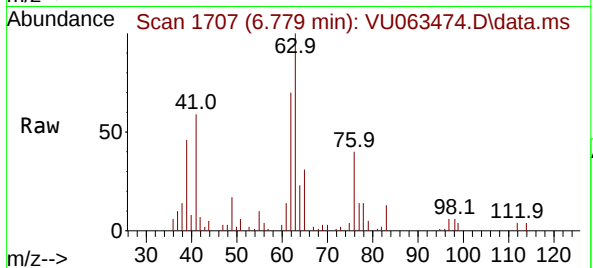
VU0710WBSD01

Tgt Ion: 63 Resp: 29844

Ion Ratio Lower Upper

63 100

65 31.1 25.3 37.9



#46

Dibromomethane

Concen: 21.587 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. -0.000 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

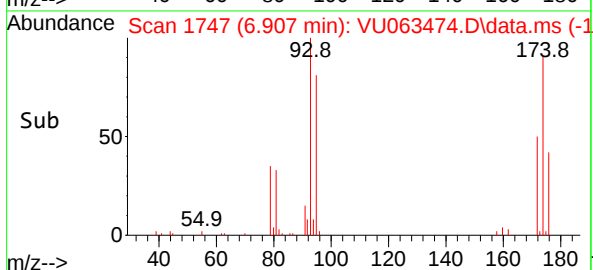
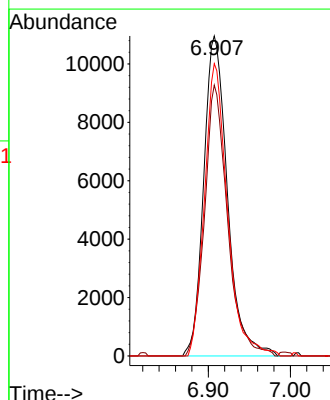
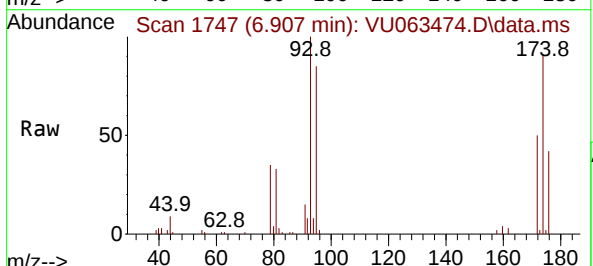
Tgt Ion: 93 Resp: 22044

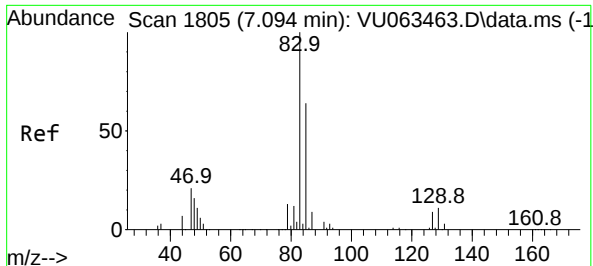
Ion Ratio Lower Upper

93 100

95 82.0 67.5 101.3

174 88.7 73.1 109.7

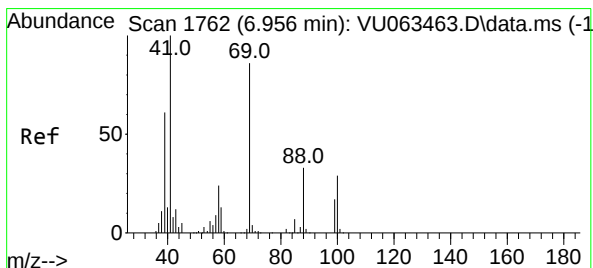
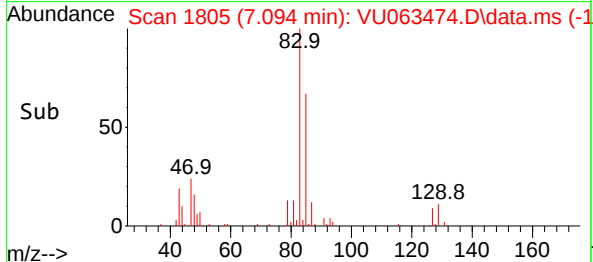
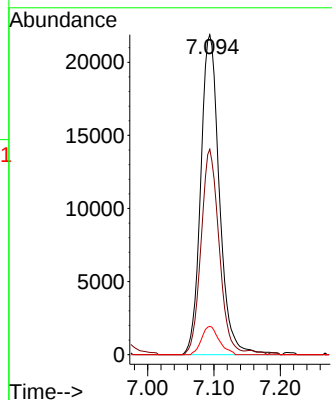
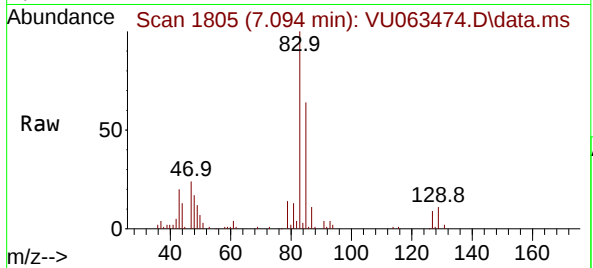




#47  
Bromodichloromethane  
Concen: 20.151 ug/l  
RT: 7.094 min Scan# 1805  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

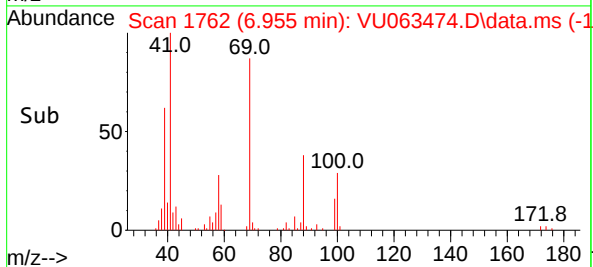
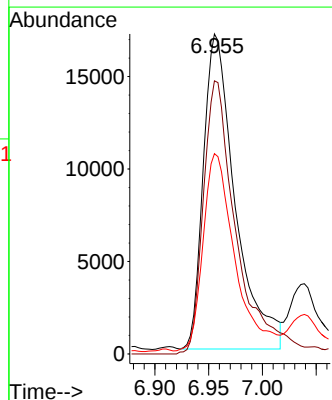
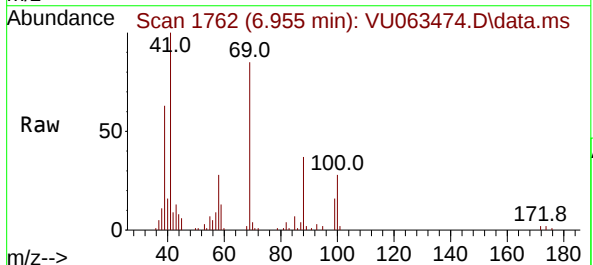
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

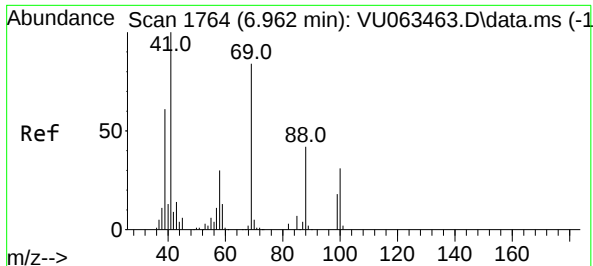
Tgt Ion: 83 Resp: 42789  
Ion Ratio Lower Upper  
83 100  
85 64.2 51.4 77.0  
127 8.8 7.0 10.4



#48  
Methyl methacrylate  
Concen: 21.391 ug/l  
RT: 6.955 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 41 Resp: 35160  
Ion Ratio Lower Upper  
41 100  
69 89.4 69.8 104.8  
39 62.5 48.3 72.5





#49

1,4-Dioxane

Concen: 526.427 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Instrument :

MSVOA\_U

ClientSampleId :

VU0710WBSD01

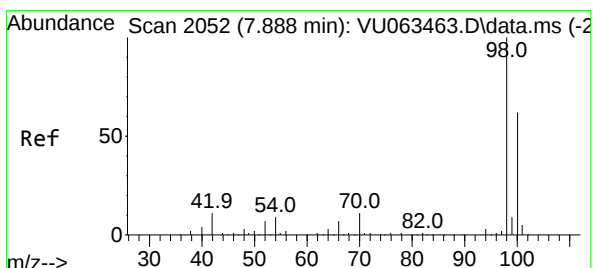
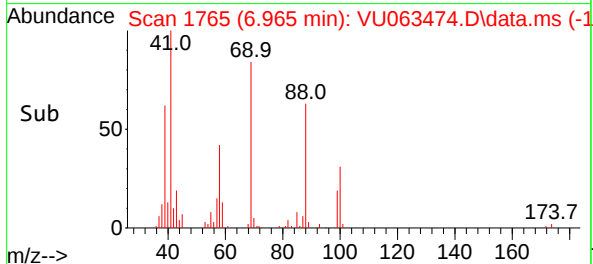
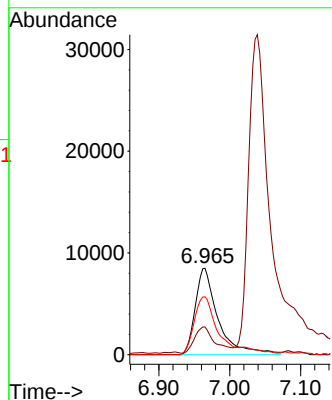
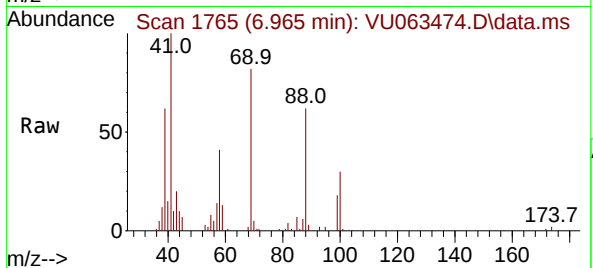
Tgt Ion: 88 Resp: 18987

Ion Ratio Lower Upper

88 100

43 27.1 25.6 38.4

58 65.7 55.0 82.6



#50

Toluene-d8

Concen: 48.195 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. -0.000 min

Lab File: VU063474.D

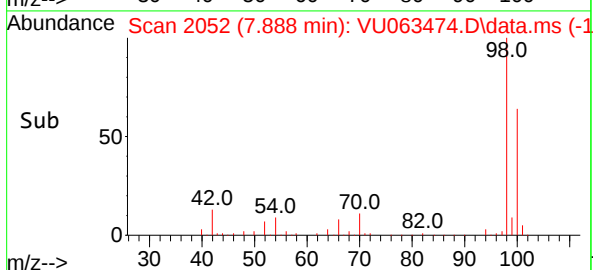
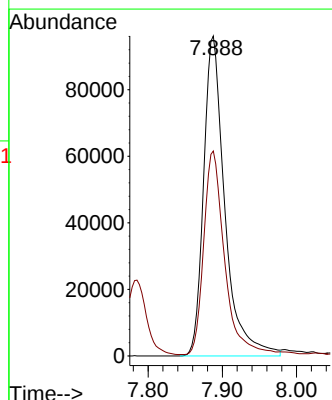
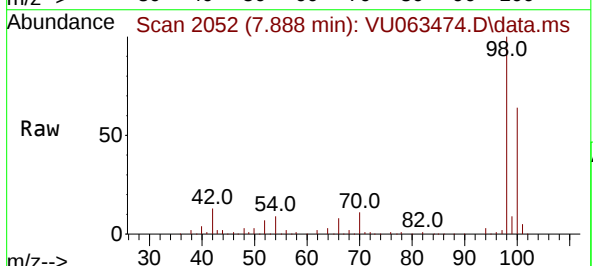
Acq: 10 Jul 2025 12:12

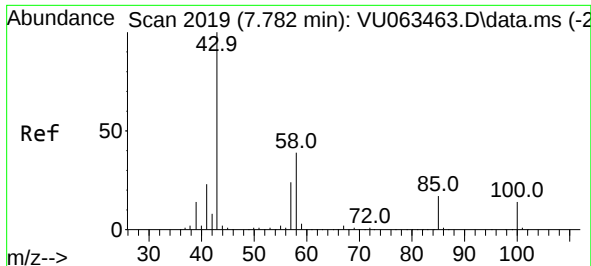
Tgt Ion: 98 Resp: 191139

Ion Ratio Lower Upper

98 100

100 62.1 48.1 72.1





#51

4-Methyl-2-Pentanone

Concen: 116.892 ug/l

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Instrument :

MSVOA\_U

ClientSampleId :

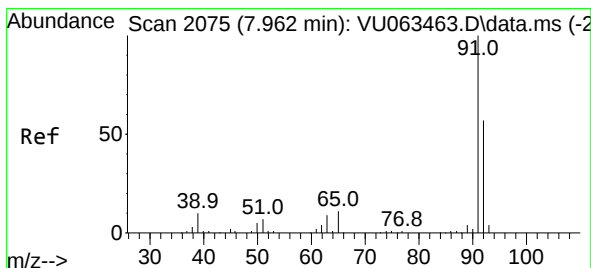
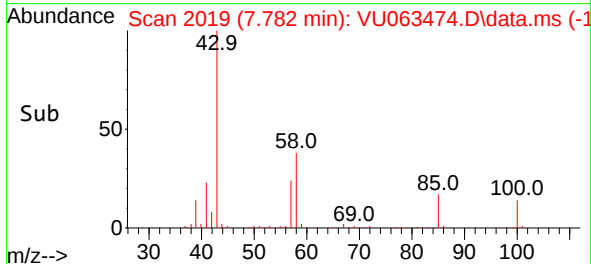
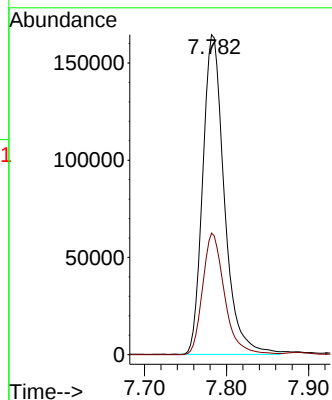
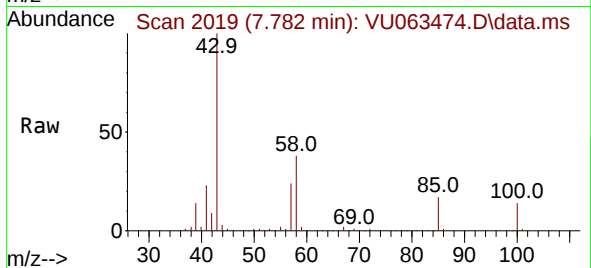
VU0710WBSD01

Tgt Ion: 43 Resp: 300874

Ion Ratio Lower Upper

43 100

58 38.6 31.0 46.4



#52

Toluene

Concen: 19.752 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU063474.D

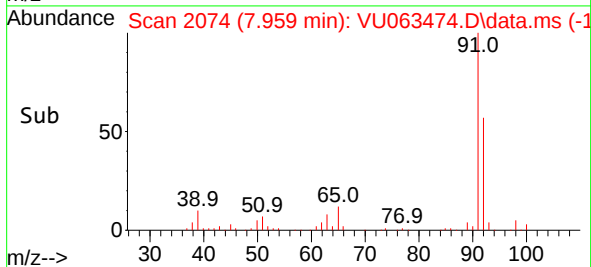
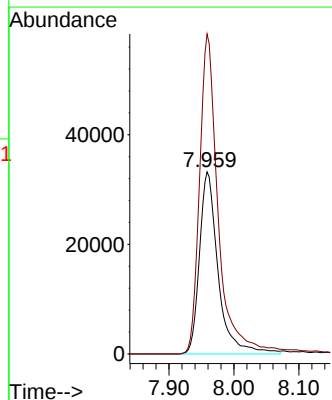
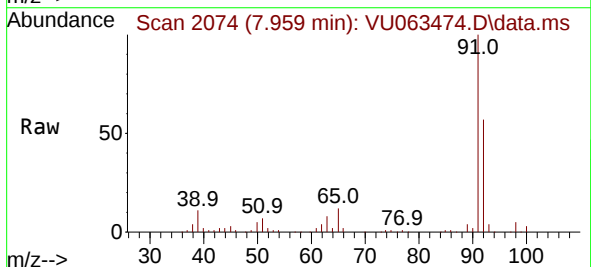
Acq: 10 Jul 2025 12:12

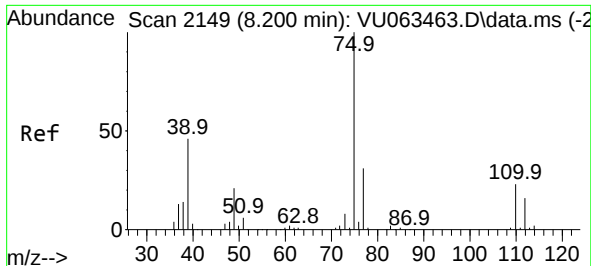
Tgt Ion: 92 Resp: 66702

Ion Ratio Lower Upper

92 100

91 175.6 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 19.211 ug/l

RT: 8.203 min Scan# 2149

Delta R.T. 0.003 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Instrument :

MSVOA\_U

ClientSampleId :

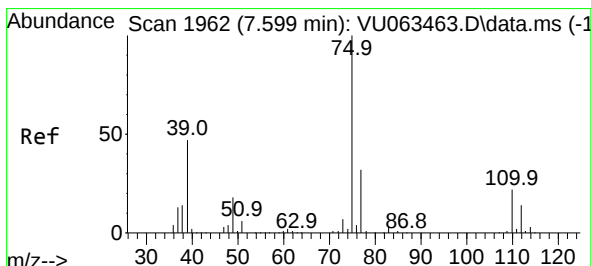
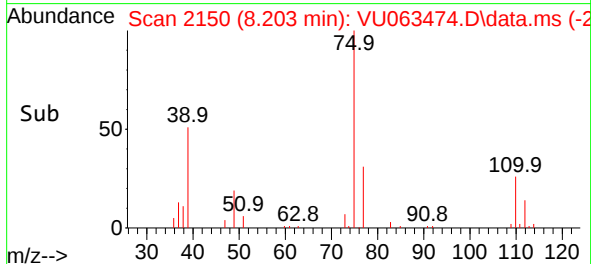
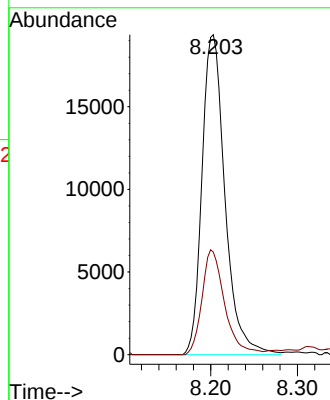
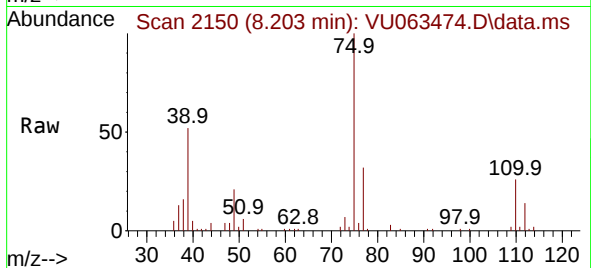
VU0710WBSD01

Tgt Ion: 75 Resp: 35697

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.192 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

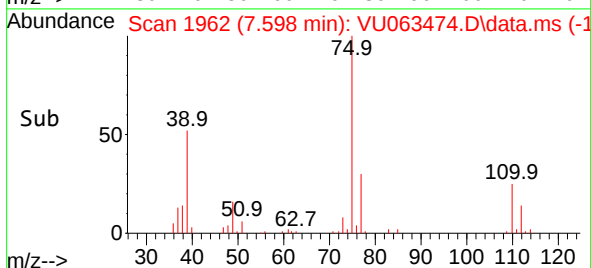
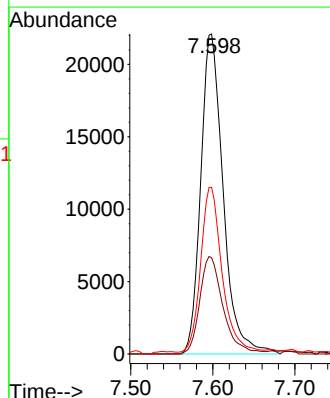
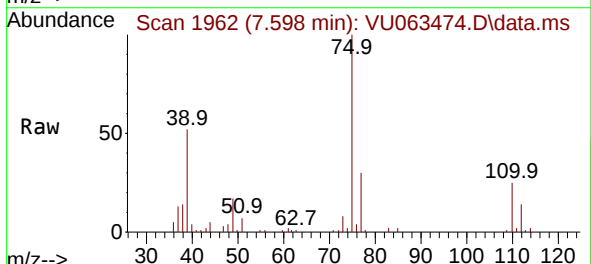
Tgt Ion: 75 Resp: 42000

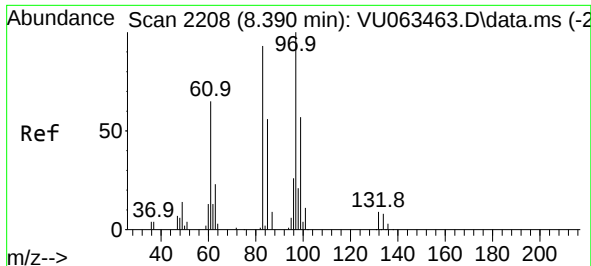
Ion Ratio Lower Upper

75 100

77 30.1 25.4 38.0

39 51.5 37.2 55.8

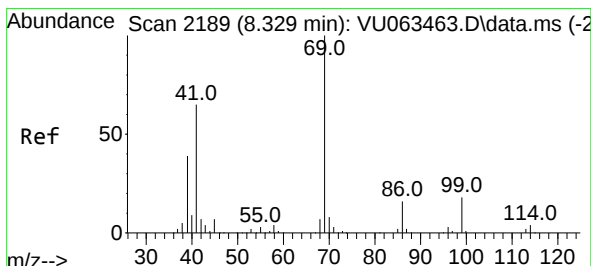
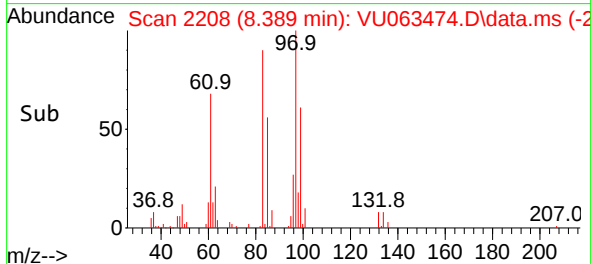
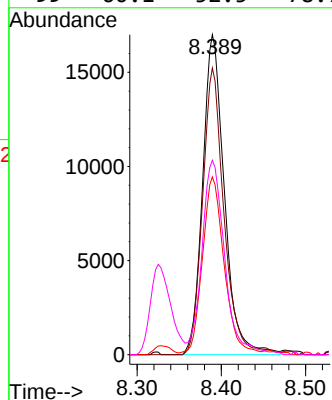
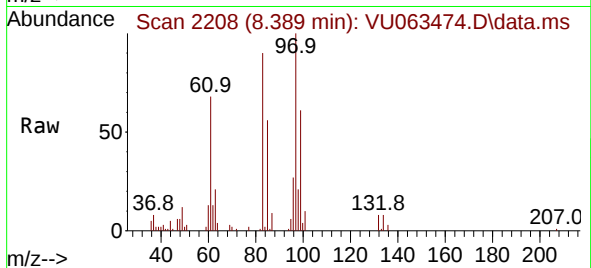




#55  
1,1,2-Trichloroethane  
Concen: 21.273 ug/l  
RT: 8.389 min Scan# 2188  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

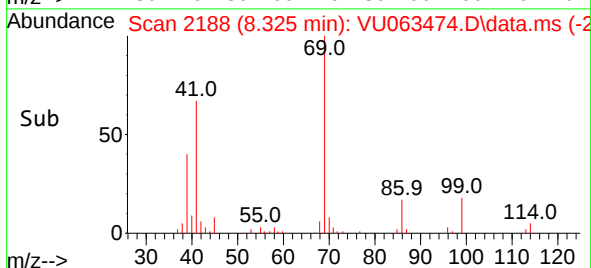
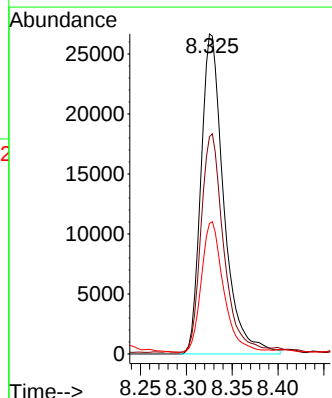
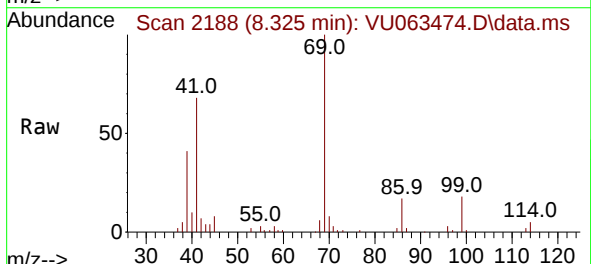
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

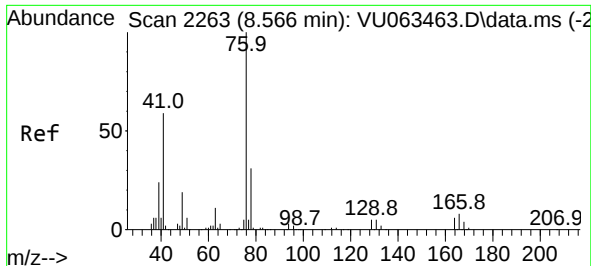
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 30509 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.6  | 74.2  | 111.4 |
| 85       | 54.9  | 45.8  | 68.8  |
| 99       | 60.1  | 52.5  | 78.7  |



#56  
Ethyl methacrylate  
Concen: 19.986 ug/l  
RT: 8.325 min Scan# 2188  
Delta R.T. -0.003 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 46237 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 67.7  | 53.0  | 79.6  |
| 39       | 39.9  | 31.0  | 46.4  |





#57

1,3-Dichloropropane

Concen: 20.905 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Instrument :

MSVOA\_U

ClientSampleId :

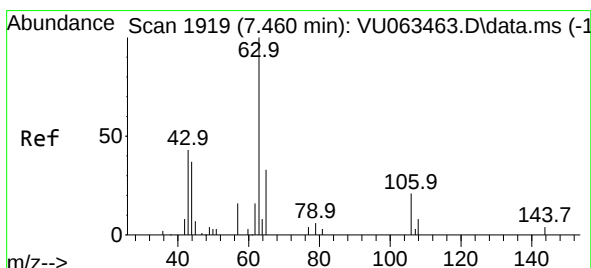
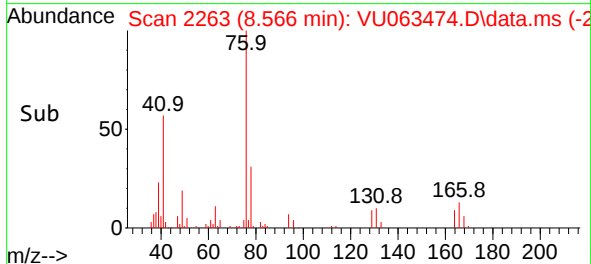
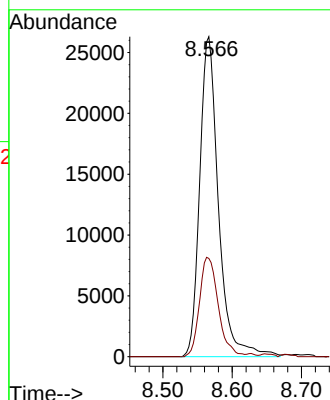
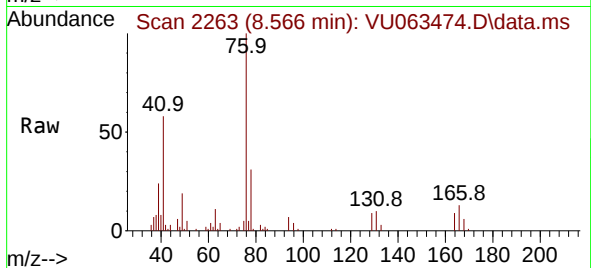
VU0710WBSD01

Tgt Ion: 76 Resp: 49418

Ion Ratio Lower Upper

76 100

78 31.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 104.651 ug/l

RT: 7.463 min Scan# 1920

Delta R.T. 0.003 min

Lab File: VU063474.D

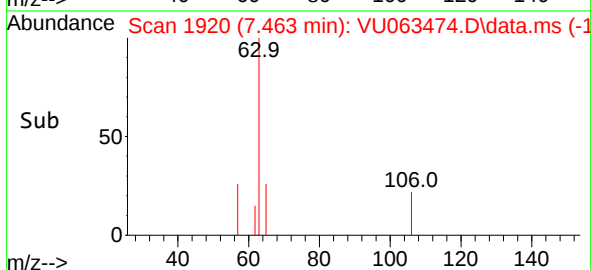
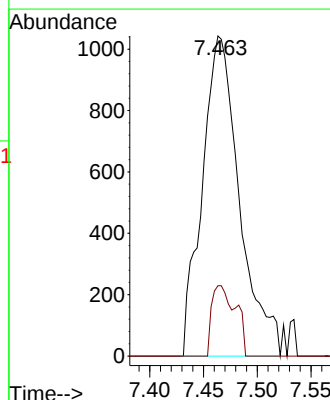
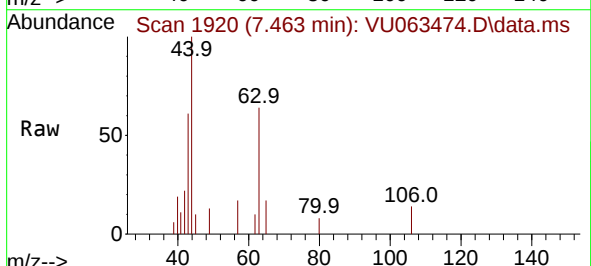
Acq: 10 Jul 2025 12:12

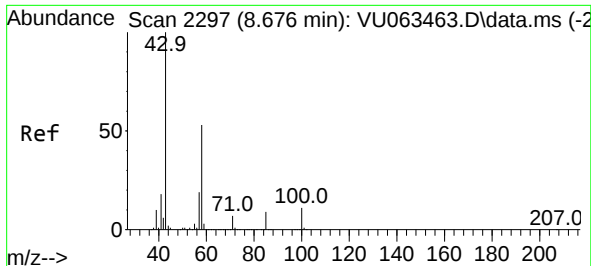
Tgt Ion: 63 Resp: 2514

Ion Ratio Lower Upper

63 100

106 14.0 11.5 17.3

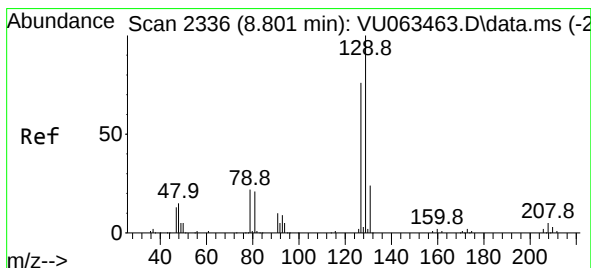
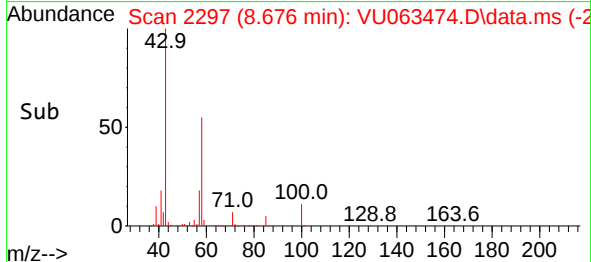
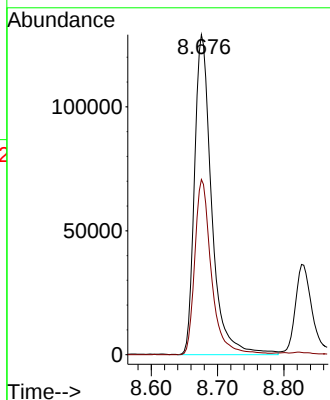
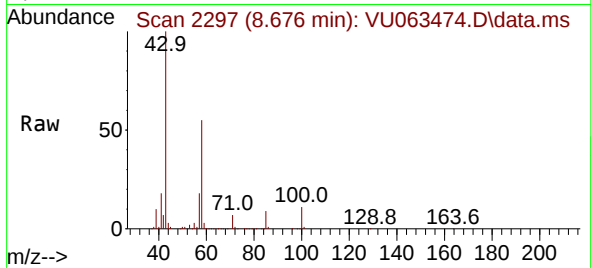




#59  
2-Hexanone  
Concen: 119.255 ug/l  
RT: 8.676 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

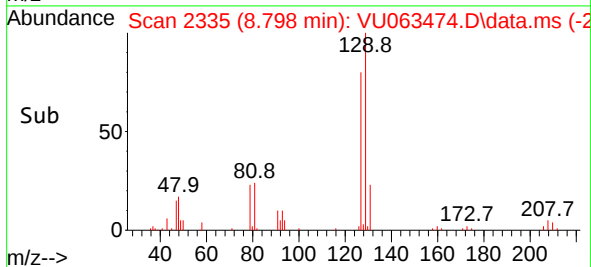
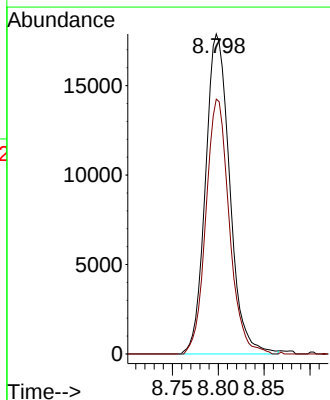
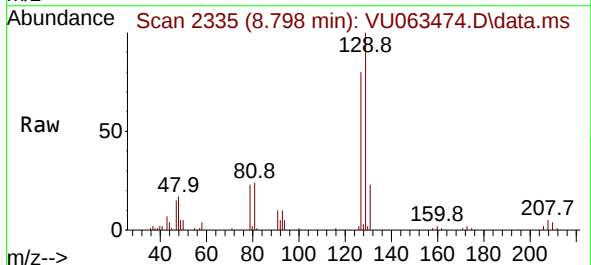
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

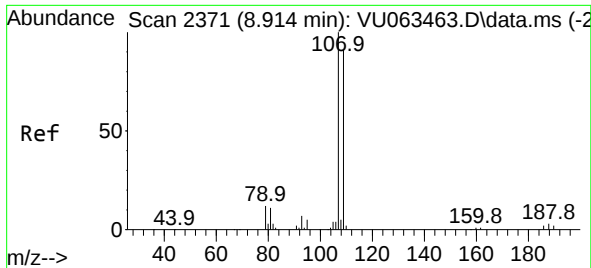
Tgt Ion: 43 Resp: 232170  
Ion Ratio Lower Upper  
43 100  
58 53.1 26.9 80.7



#60  
Dibromochloromethane  
Concen: 20.479 ug/l  
RT: 8.798 min Scan# 2335  
Delta R.T. -0.003 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 129 Resp: 32901  
Ion Ratio Lower Upper  
129 100  
127 76.9 39.1 117.2

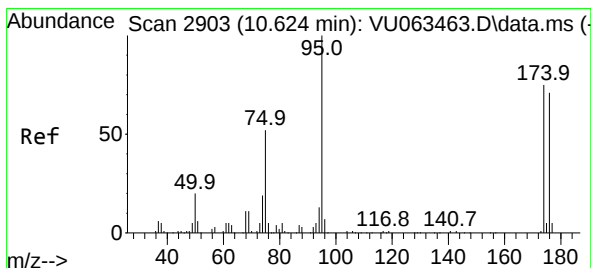
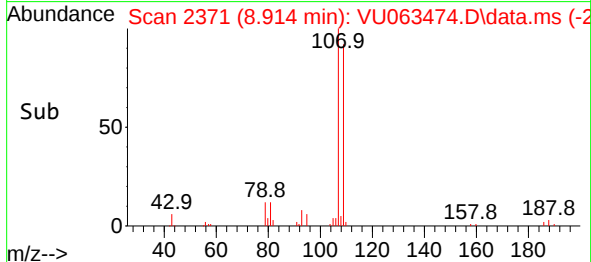
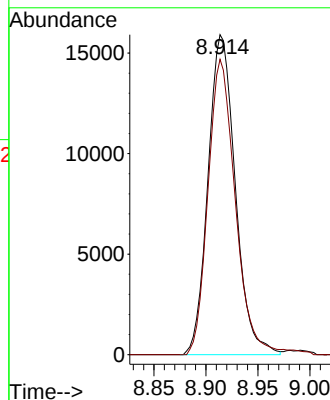
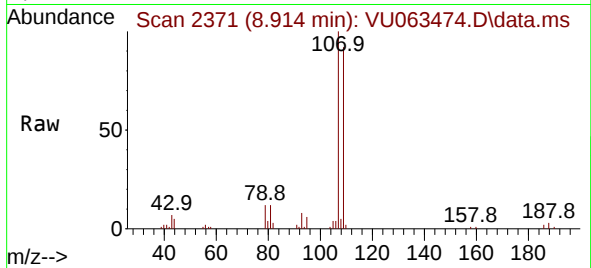




#61  
1,2-Dibromoethane  
Concen: 20.645 ug/l  
RT: 8.914 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

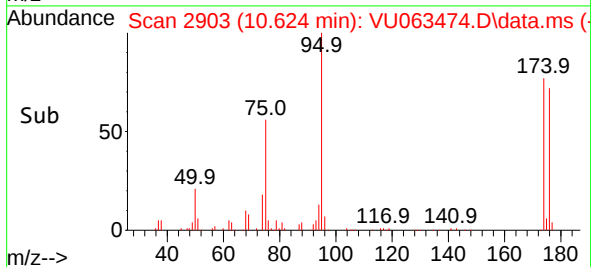
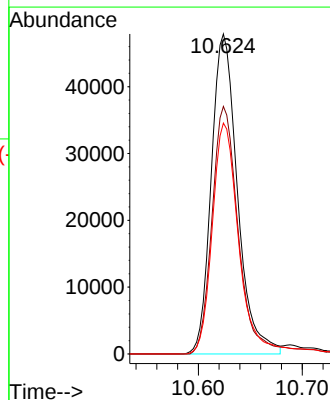
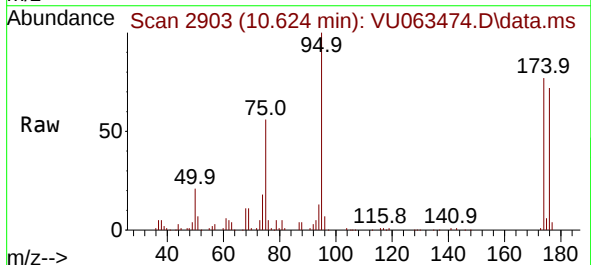
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

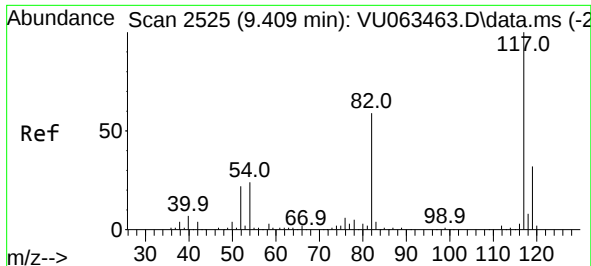
Tgt Ion:107 Resp: 29060  
Ion Ratio Lower Upper  
107 100  
109 93.0 73.7 110.5



#62  
4-Bromofluorobenzene  
Concen: 48.322 ug/l  
RT: 10.624 min Scan# 2903  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 95 Resp: 83826  
Ion Ratio Lower Upper  
95 100  
174 79.3 0.0 153.6  
176 74.4 0.0 145.8

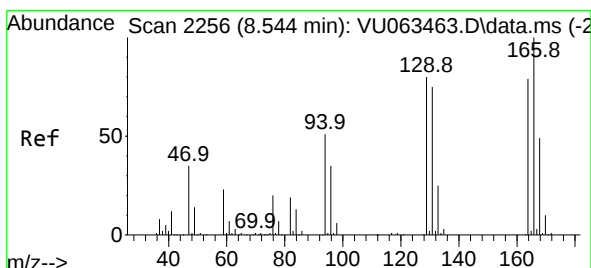
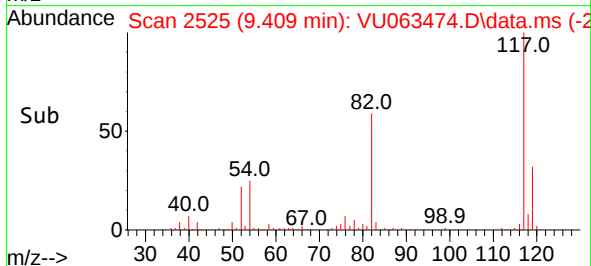
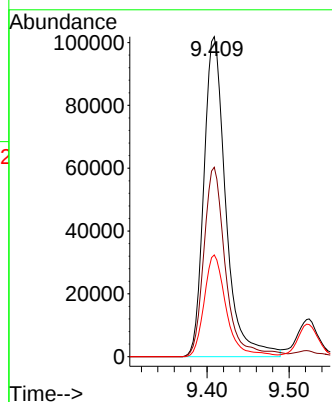
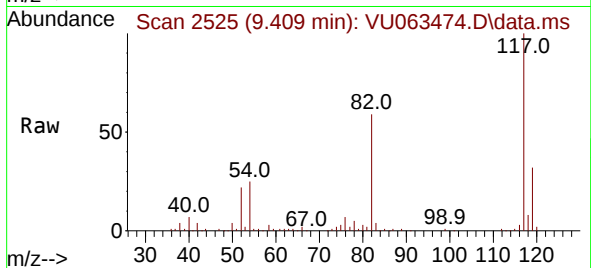




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.409 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

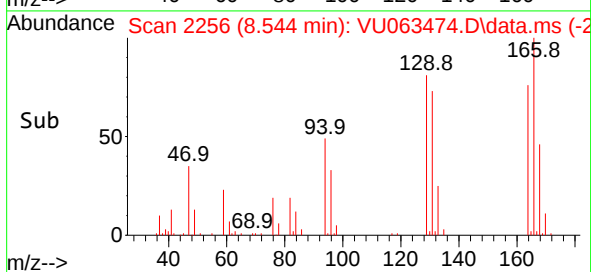
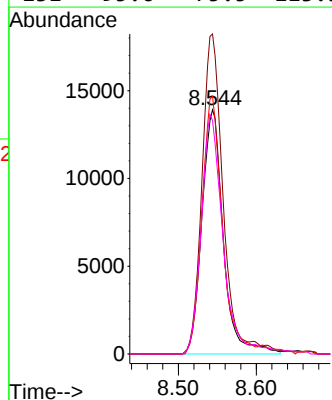
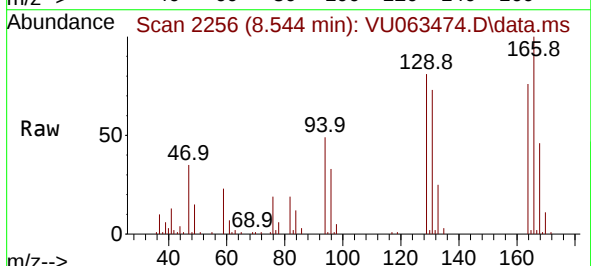
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

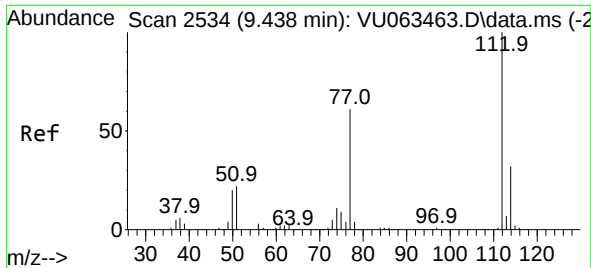
Tgt Ion:117 Resp: 189214  
Ion Ratio Lower Upper  
117 100  
82 59.2 47.1 70.7  
119 31.8 25.4 38.0



#64  
Tetrachloroethene  
Concen: 18.737 ug/l  
RT: 8.544 min Scan# 2256  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion:164 Resp: 26392  
Ion Ratio Lower Upper  
164 100  
166 131.1 100.9 151.3  
129 105.5 80.9 121.3  
131 95.6 75.5 113.3

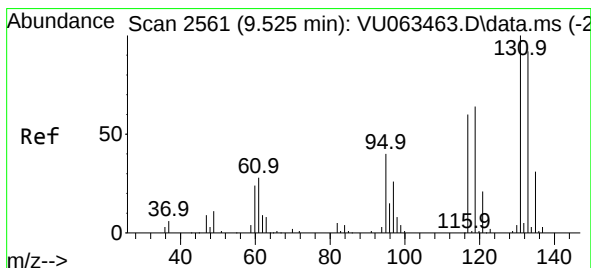
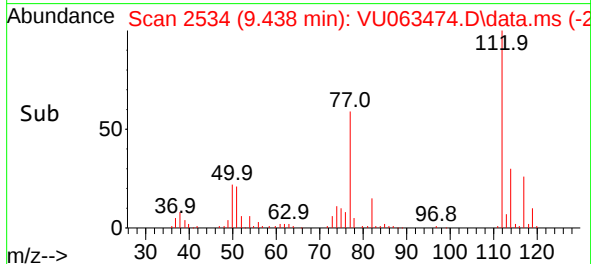
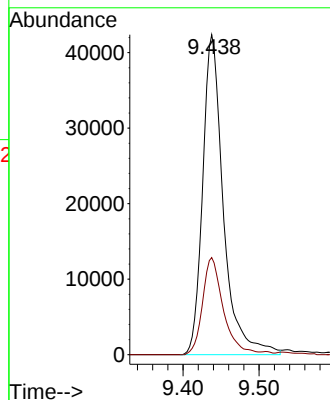
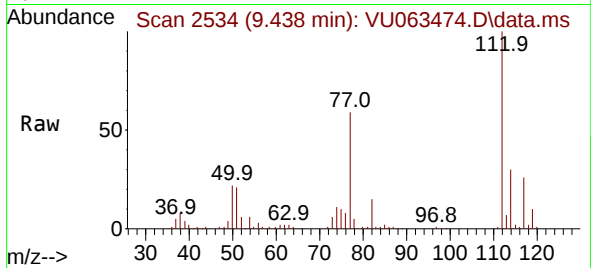




#65  
Chlorobenzene  
Concen: 20.339 ug/l  
RT: 9.438 min Scan# 2534  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

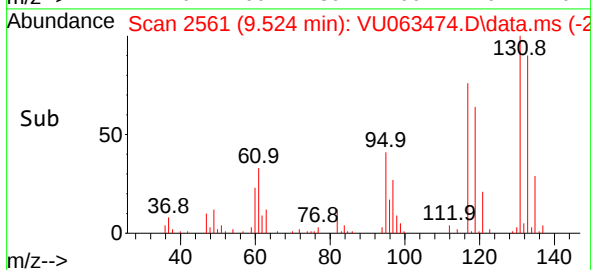
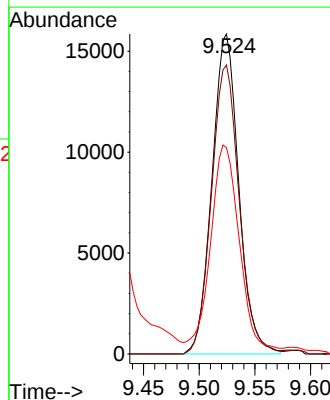
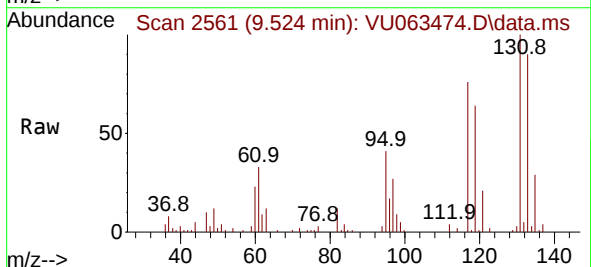
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

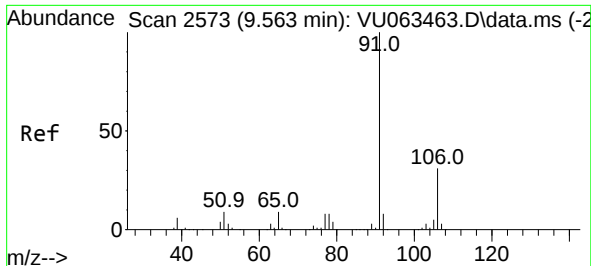
Tgt Ion:112 Resp: 80067  
Ion Ratio Lower Upper  
112 100  
114 30.3 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.623 ug/l  
RT: 9.524 min Scan# 2561  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion:131 Resp: 26492  
Ion Ratio Lower Upper  
131 100  
133 93.7 46.4 139.2  
119 67.1 33.3 99.9





#67

Ethyl Benzene

Concen: 19.930 ug/l

RT: 9.560 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Instrument :

MSVOA\_U

ClientSampleId :

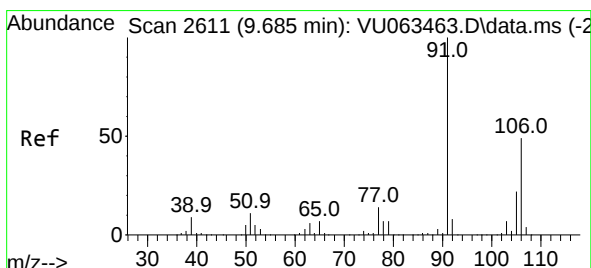
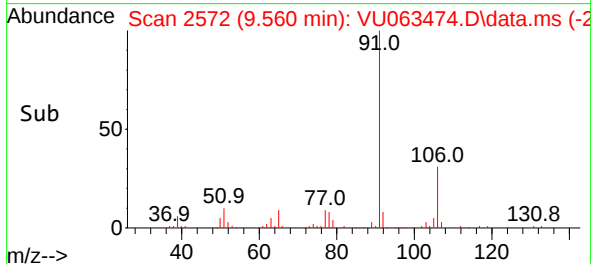
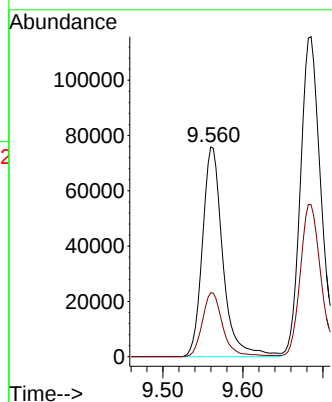
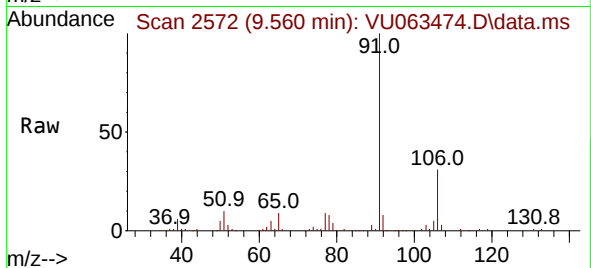
VU0710WBSD01

Tgt Ion: 91 Resp: 134841

Ion Ratio Lower Upper

91 100

106 30.5 24.5 36.7



#68

m/p-Xylenes

Concen: 39.249 ug/l

RT: 9.682 min Scan# 2610

Delta R.T. -0.003 min

Lab File: VU063474.D

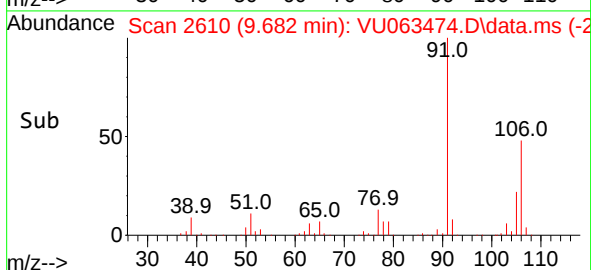
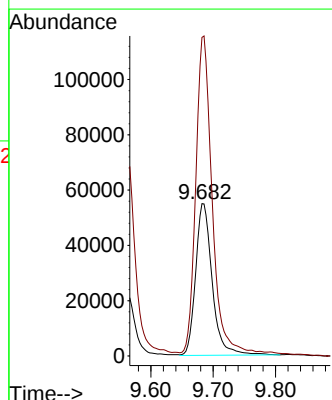
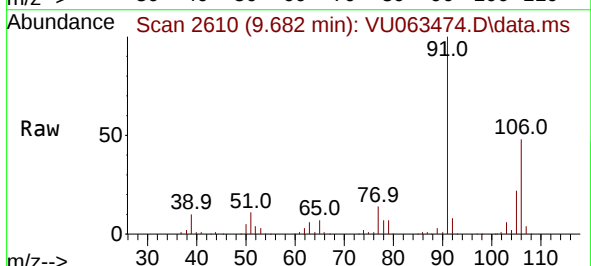
Acq: 10 Jul 2025 12:12

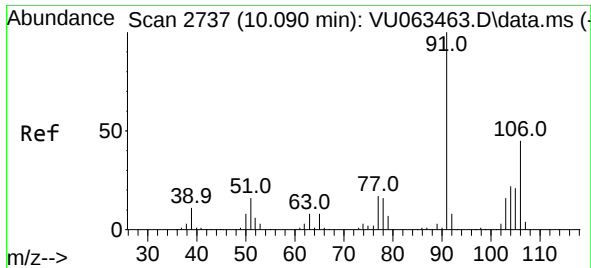
Tgt Ion: 106 Resp: 101346

Ion Ratio Lower Upper

106 100

91 204.8 163.6 245.4

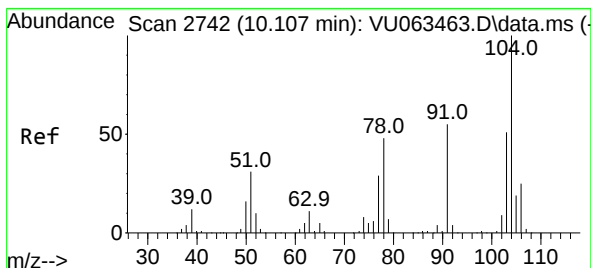
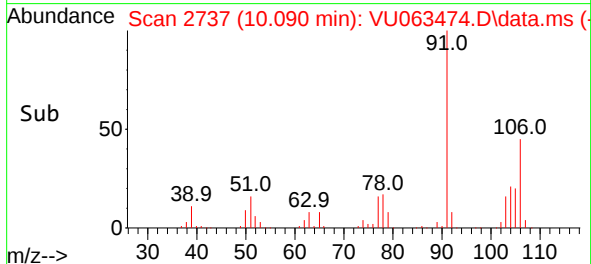
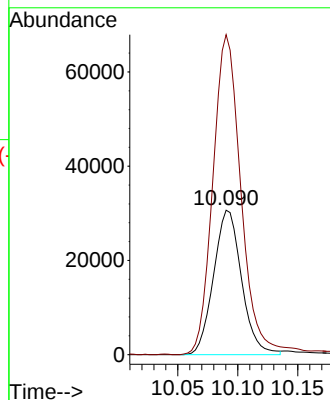
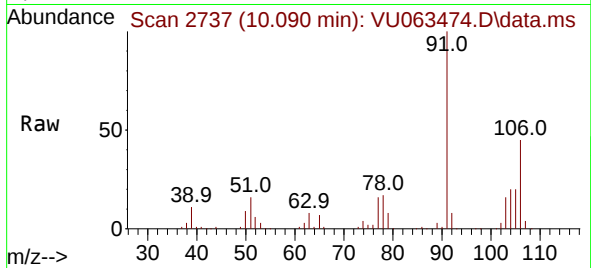




#69  
o-Xylene  
Concen: 18.942 ug/l  
RT: 10.090 min Scan# 2737  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

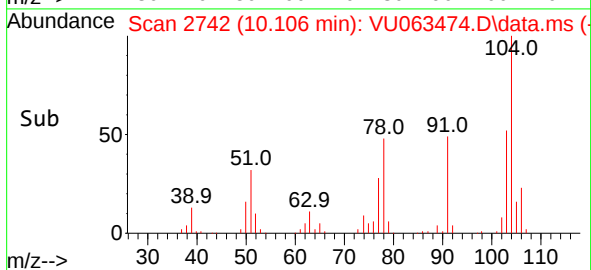
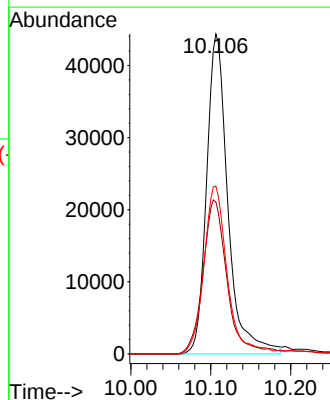
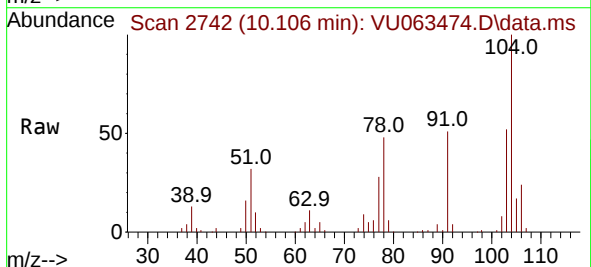
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

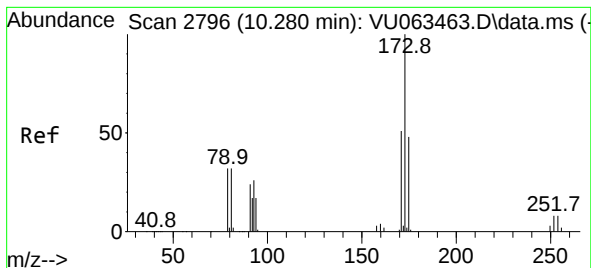
Tgt Ion:106 Resp: 49726  
Ion Ratio Lower Upper  
106 100  
91 223.6 110.7 331.9



#70  
Styrene  
Concen: 19.716 ug/l  
RT: 10.106 min Scan# 2742  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion:104 Resp: 82297  
Ion Ratio Lower Upper  
104 100  
78 53.6 41.4 62.0  
103 57.3 44.3 66.5





#71

Bromoform

Concen: 18.747 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Instrument :

MSVOA\_U

ClientSampleId :

VU0710WBSD01

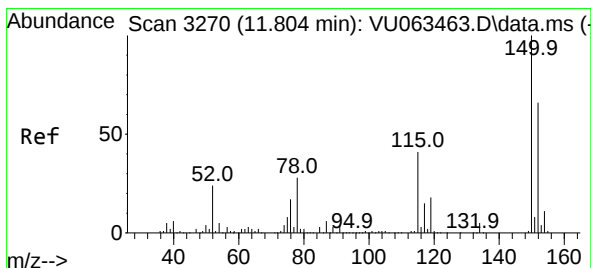
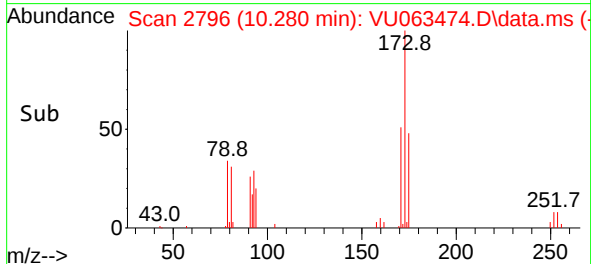
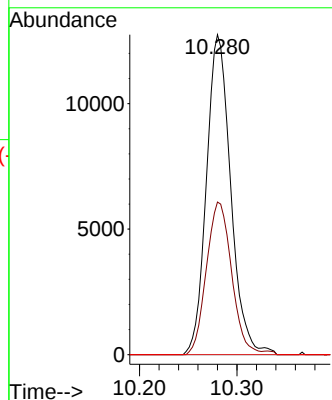
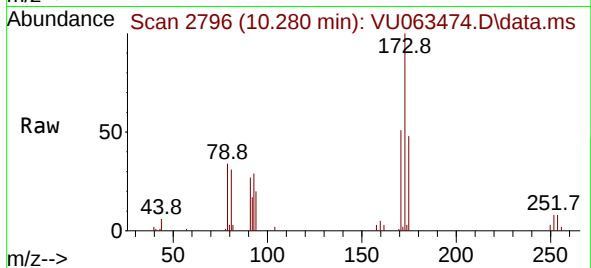
Tgt Ion:173 Resp: 22060

Ion Ratio Lower Upper

173 100

175 49.4 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.804 min Scan# 3270

Delta R.T. -0.000 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

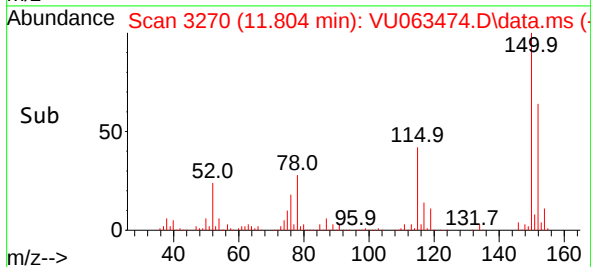
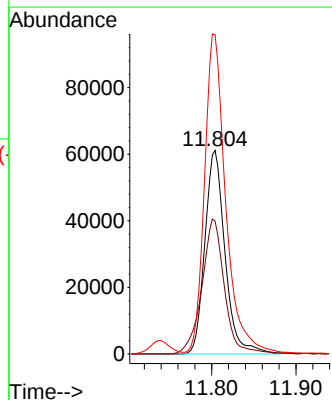
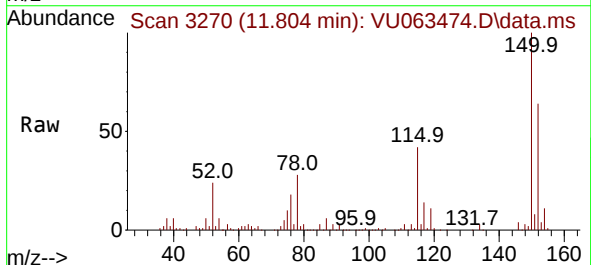
Tgt Ion:152 Resp: 102236

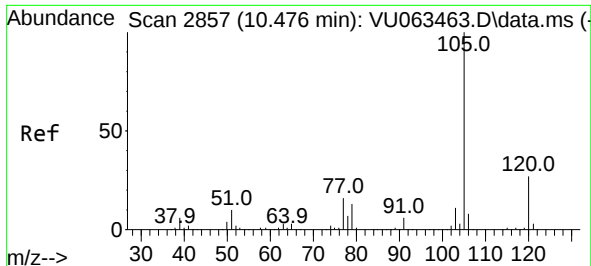
Ion Ratio Lower Upper

152 100

115 73.7 43.4 130.2

150 165.0 0.0 341.4

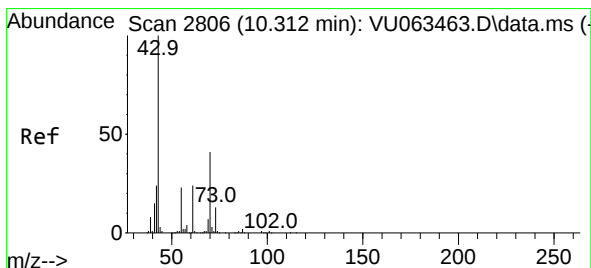
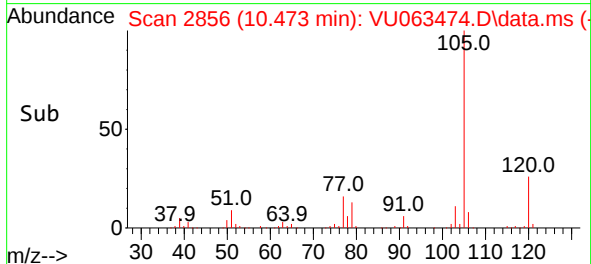
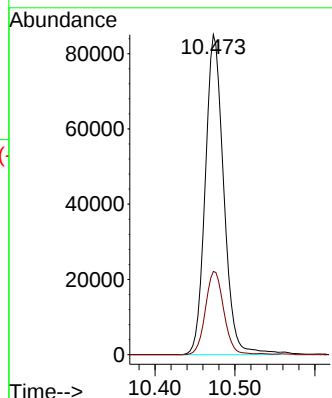
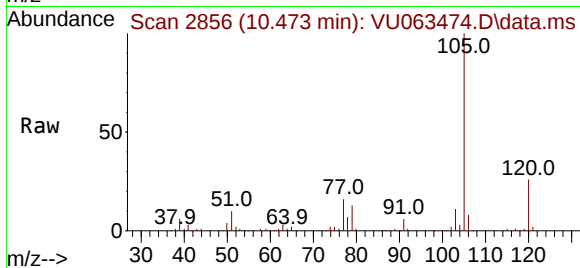




#73  
Isopropylbenzene  
Concen: 19.703 ug/l  
RT: 10.473 min Scan# 2856  
Delta R.T. -0.003 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

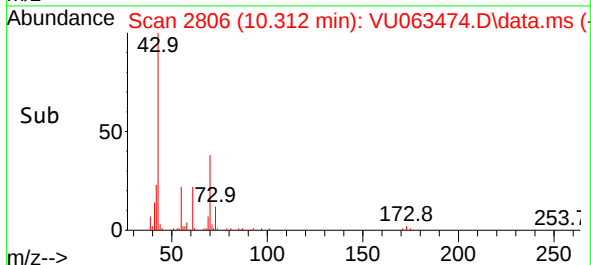
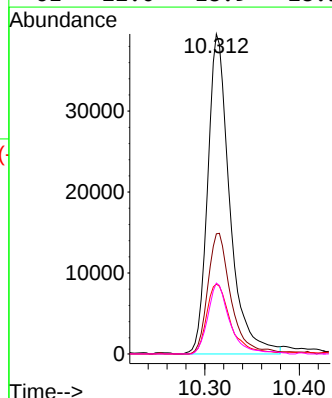
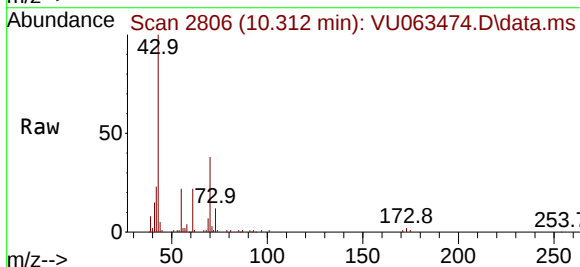
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

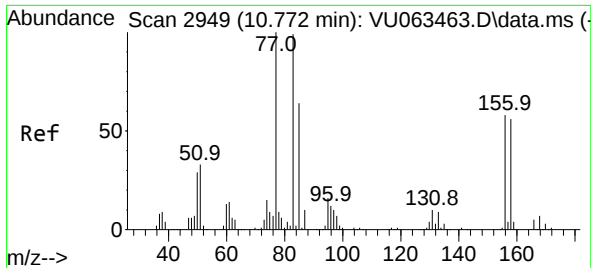
Tgt Ion:105 Resp: 137063  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.1 39.1



#74  
N-ethyl acetate  
Concen: 20.539 ug/l  
RT: 10.312 min Scan# 2806  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 43 Resp: 64073  
Ion Ratio Lower Upper  
43 100  
70 39.7 32.6 48.8  
55 23.5 18.6 27.8  
61 22.0 18.9 28.3

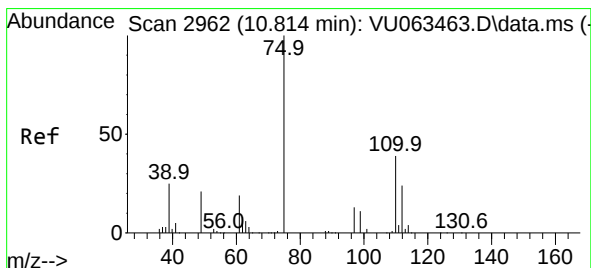
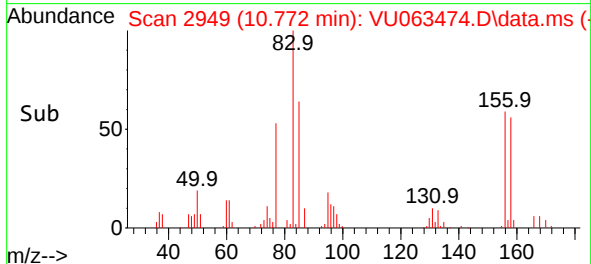
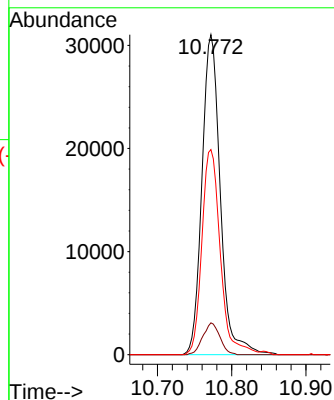
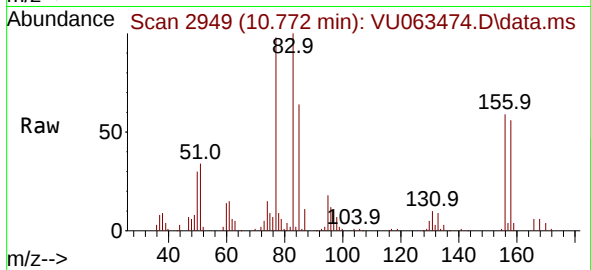




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 20.831 ug/l  
 RT: 10.772 min Scan# 2949  
 Delta R.T. -0.000 min  
 Lab File: VU063474.D  
 Acq: 10 Jul 2025 12:12

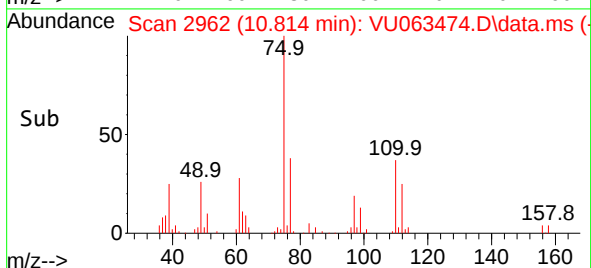
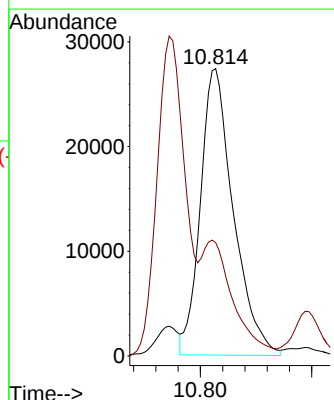
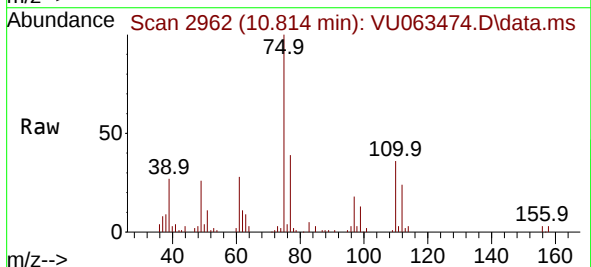
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0710WBSD01

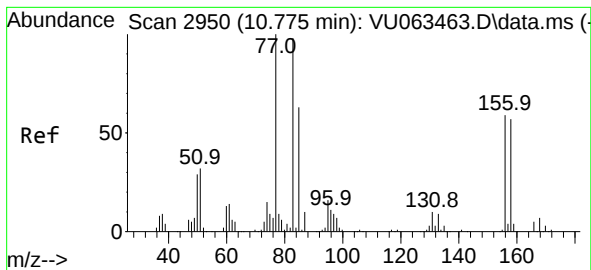
Tgt Ion: 83 Resp: 53341  
 Ion Ratio Lower Upper  
 83 100  
 131 9.2 4.8 14.3  
 85 64.1 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 20.772 ug/l  
 RT: 10.814 min Scan# 2962  
 Delta R.T. -0.000 min  
 Lab File: VU063474.D  
 Acq: 10 Jul 2025 12:12

Tgt Ion: 75 Resp: 56272  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 3.1 9.4#





#77

Bromobenzene

Concen: 20.370 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Instrument :

MSVOA\_U

ClientSampleId :

VU0710WBSD01

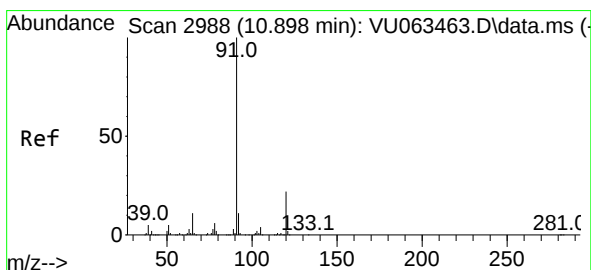
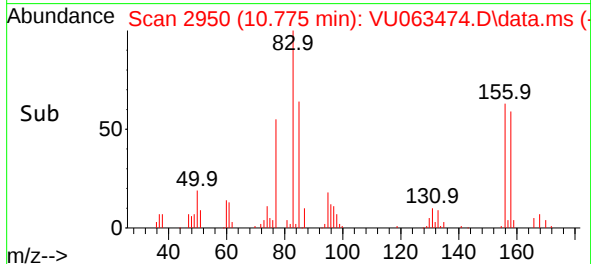
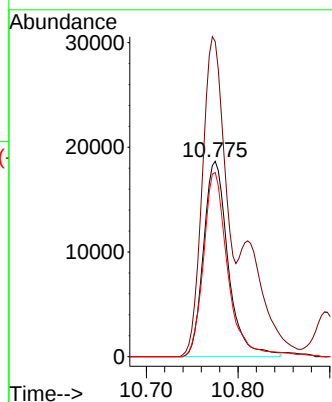
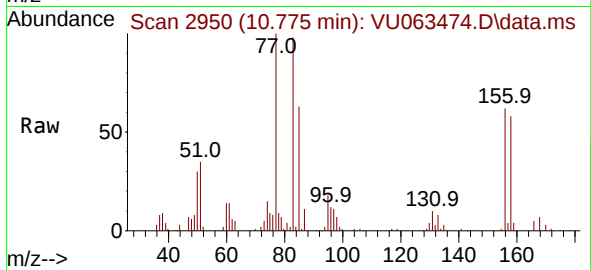
Tgt Ion:156 Resp: 34735

Ion Ratio Lower Upper

156 100

77 156.0 78.2 234.6

158 94.0 46.8 140.4



#78

n-propylbenzene

Concen: 19.554 ug/l

RT: 10.897 min Scan# 2988

Delta R.T. -0.000 min

Lab File: VU063474.D

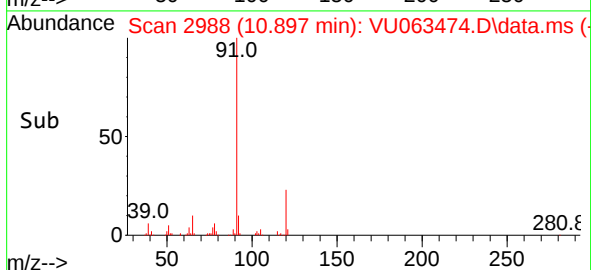
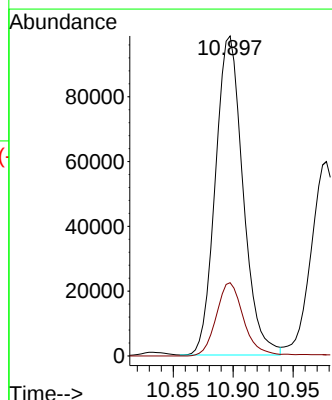
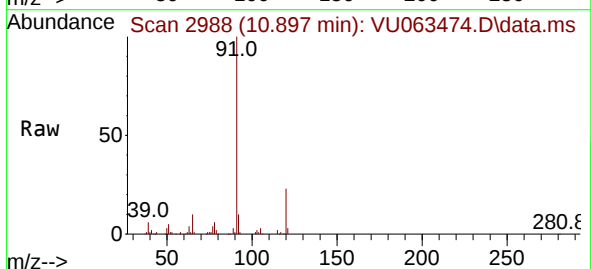
Acq: 10 Jul 2025 12:12

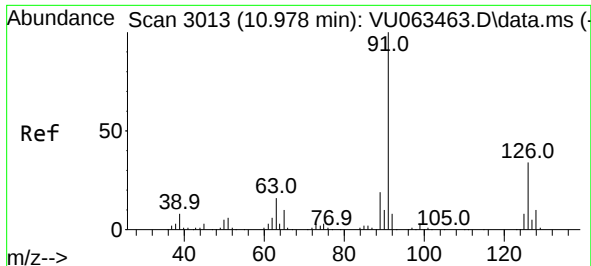
Tgt Ion: 91 Resp: 157750

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

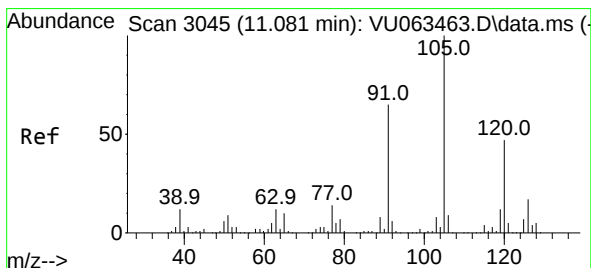
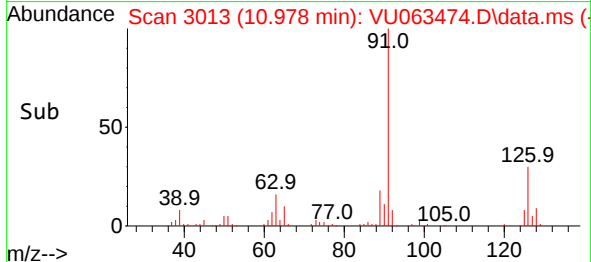
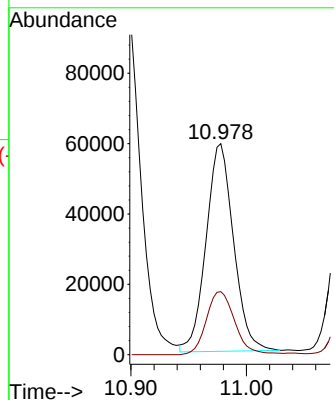
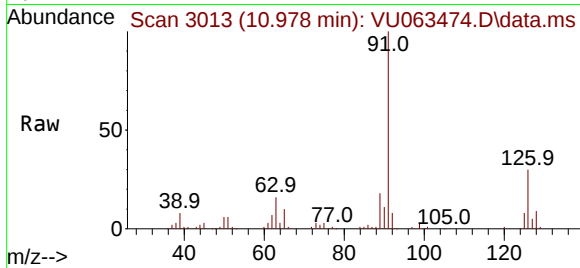




#79  
2-Chlorotoluene  
Concen: 19.279 ug/l  
RT: 10.978 min Scan# 3013  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

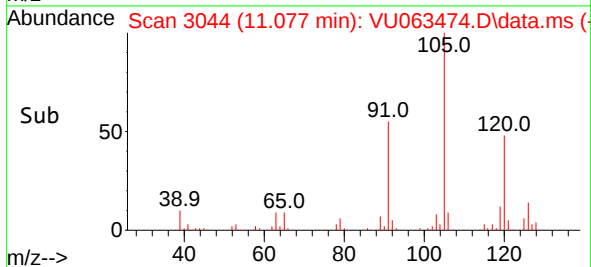
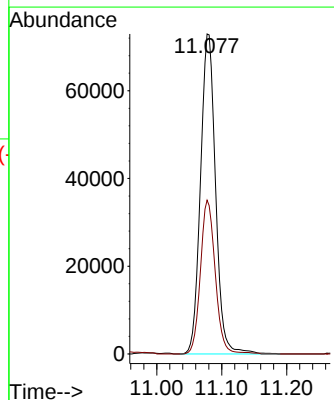
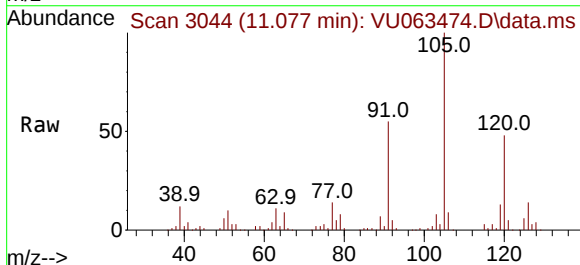
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

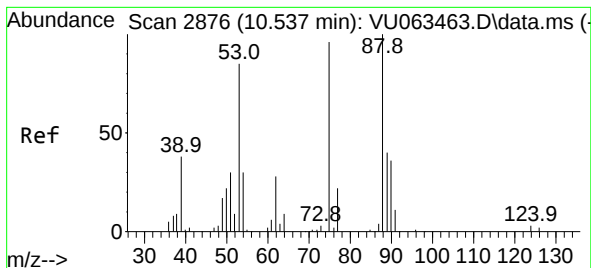
Tgt Ion: 91 Resp: 97548  
Ion Ratio Lower Upper  
91 100  
126 31.5 15.9 47.7



#80  
1,3,5-Trimethylbenzene  
Concen: 19.394 ug/l  
RT: 11.077 min Scan# 3044  
Delta R.T. -0.003 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 105 Resp: 118003  
Ion Ratio Lower Upper  
105 100  
120 47.3 23.4 70.2

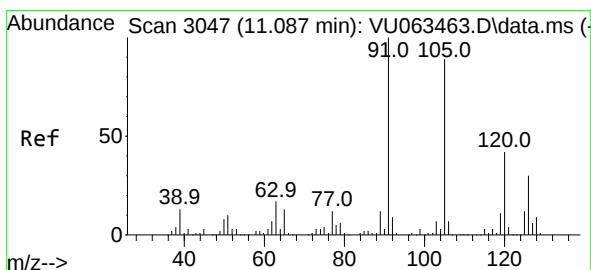
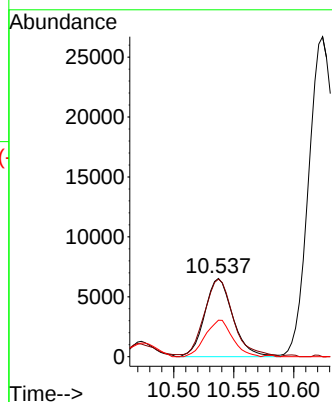
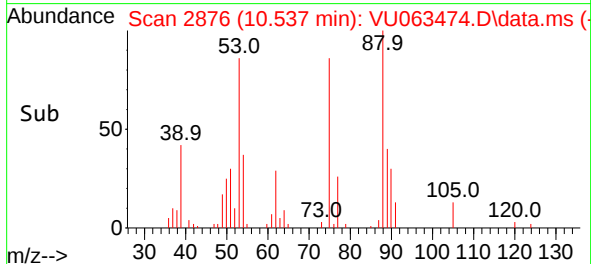
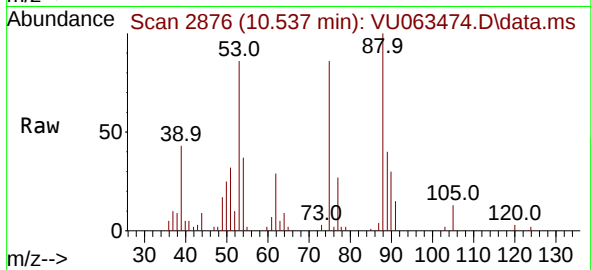




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.607 ug/l  
RT: 10.537 min Scan# 2876  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

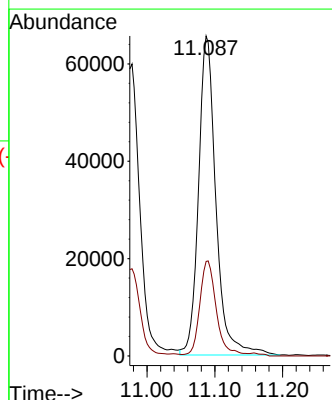
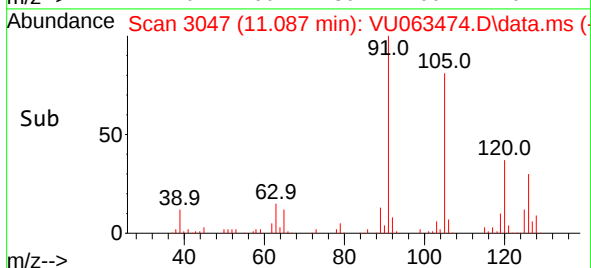
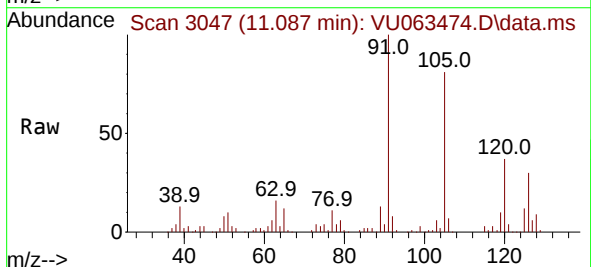
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MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

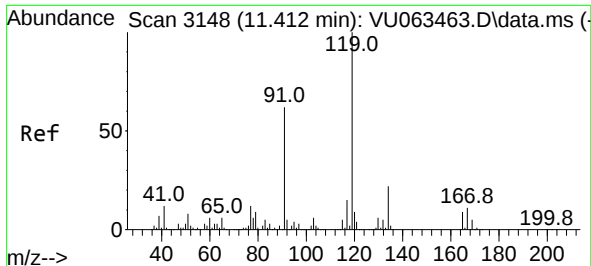
Tgt Ion: 75 Resp: 10650  
Ion Ratio Lower Upper  
75 100  
53 102.0 74.6 111.8  
89 45.0 36.3 54.5



#82  
4-Chlorotoluene  
Concen: 20.378 ug/l  
RT: 11.087 min Scan# 3047  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 91 Resp: 117056  
Ion Ratio Lower Upper  
91 100  
126 27.0 14.4 43.2

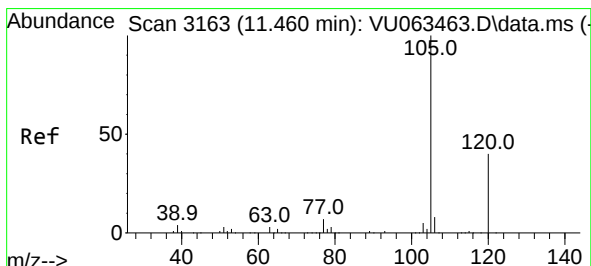
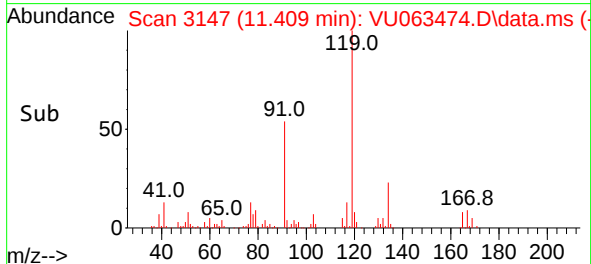
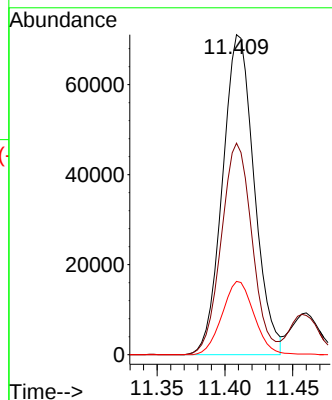
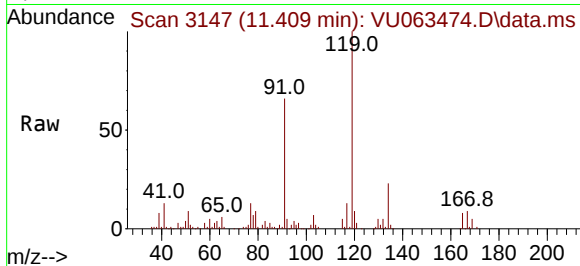




#83  
 tert-Butylbenzene  
 Concen: 19.792 ug/l  
 RT: 11.409 min Scan# 3147  
 Delta R.T. -0.003 min  
 Lab File: VU063474.D  
 Acq: 10 Jul 2025 12:12

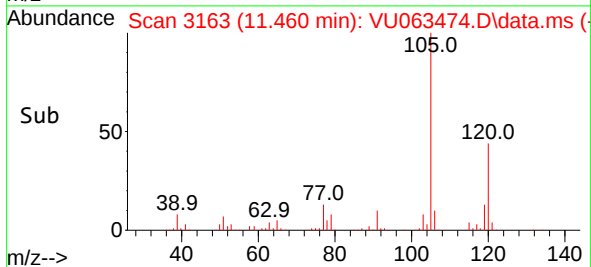
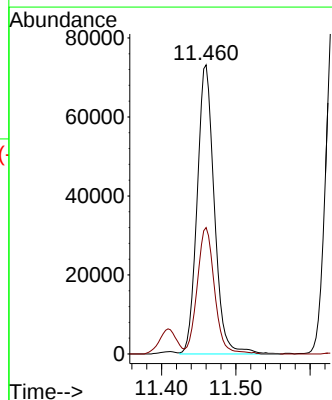
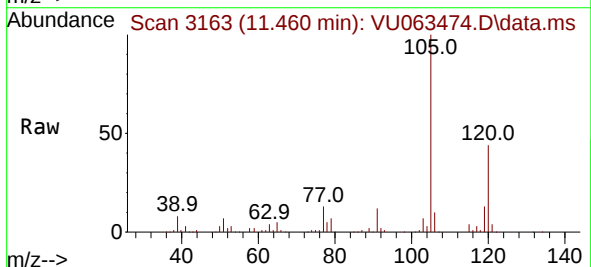
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 ClientSampleId :  
 VU0710WBSD01

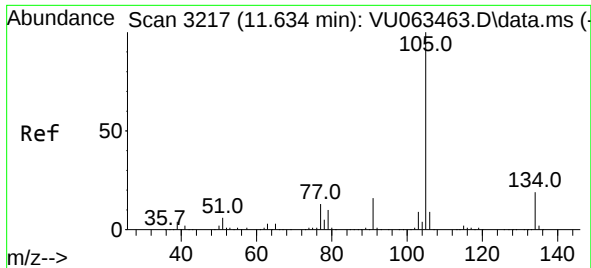
Tgt Ion:119 Resp: 115488  
 Ion Ratio Lower Upper  
 119 100  
 91 64.3 30.3 91.0  
 134 23.2 11.2 33.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.724 ug/l  
 RT: 11.460 min Scan# 3163  
 Delta R.T. -0.000 min  
 Lab File: VU063474.D  
 Acq: 10 Jul 2025 12:12

Tgt Ion:105 Resp: 117851  
 Ion Ratio Lower Upper  
 105 100  
 120 44.1 22.1 66.3

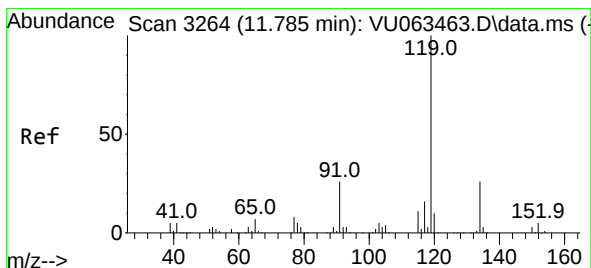
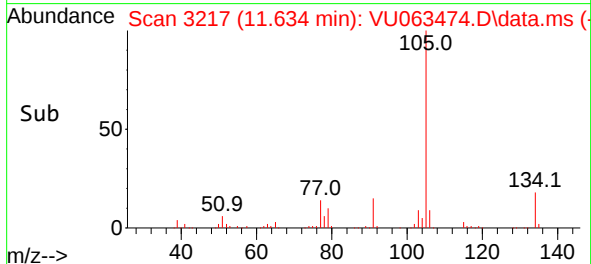
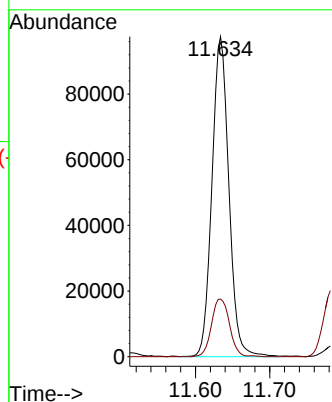
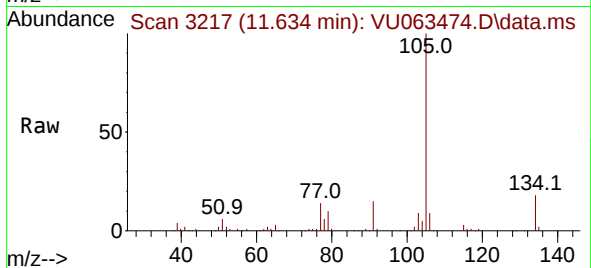




#85  
 sec-Butylbenzene  
 Concen: 20.006 ug/l  
 RT: 11.634 min Scan# 3217  
 Delta R.T. -0.000 min  
 Lab File: VU063474.D  
 Acq: 10 Jul 2025 12:12

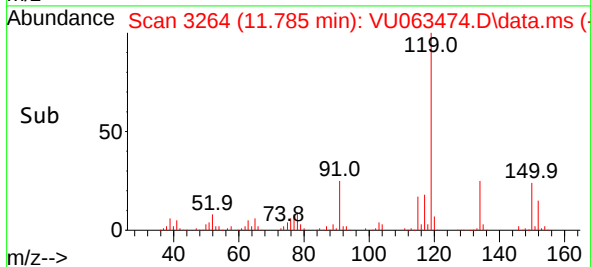
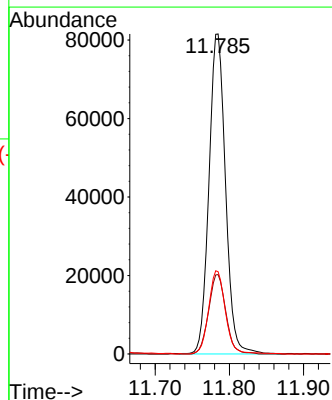
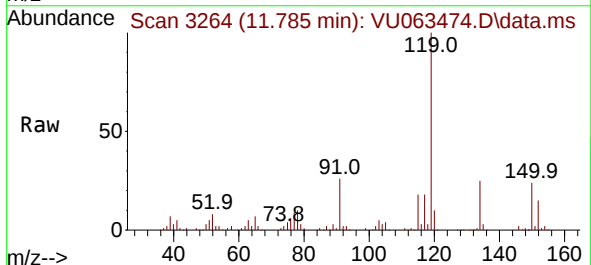
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 ClientSampleId :  
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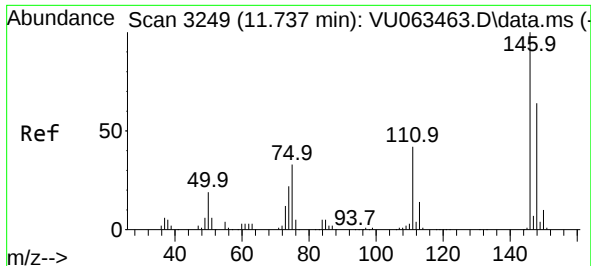
Tgt Ion:105 Resp: 154036  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 20.157 ug/l  
 RT: 11.785 min Scan# 3264  
 Delta R.T. -0.000 min  
 Lab File: VU063474.D  
 Acq: 10 Jul 2025 12:12

Tgt Ion:119 Resp: 125910  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 13.0 38.9  
 91 26.0 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 19.663 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Instrument :

MSVOA\_U

ClientSampleId :

VU0710WBSD01

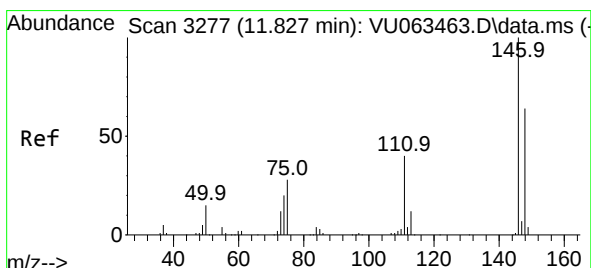
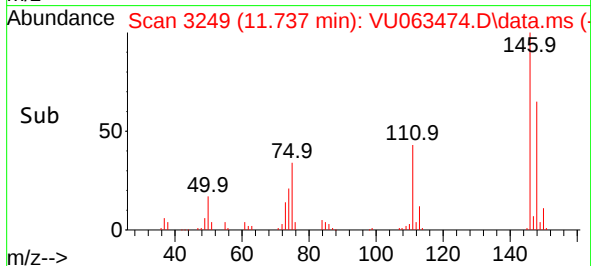
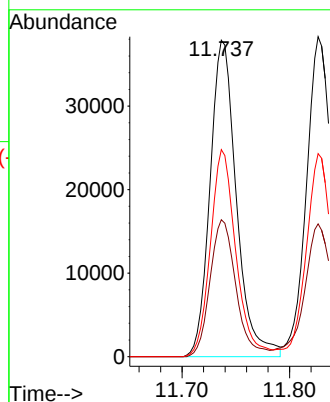
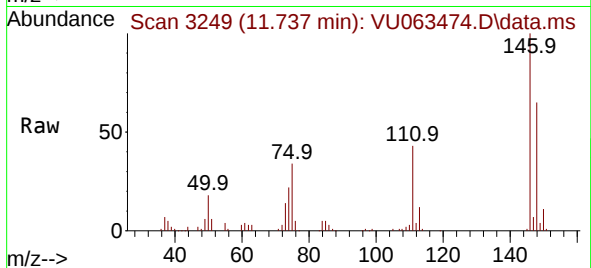
Tgt Ion:146 Resp: 64612

Ion Ratio Lower Upper

146 100

111 42.6 20.9 62.7

148 63.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.830 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

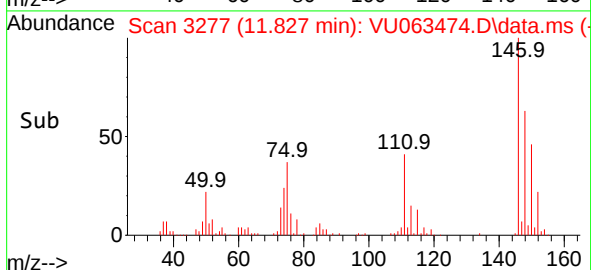
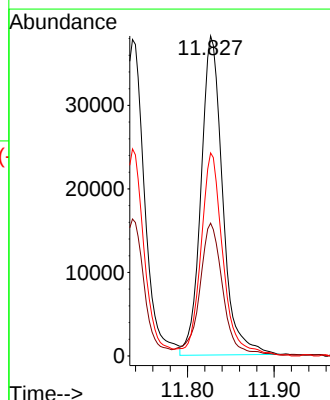
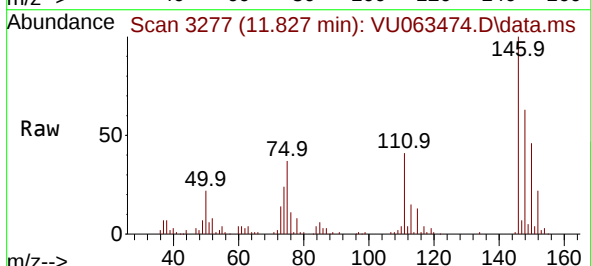
Tgt Ion:146 Resp: 66432

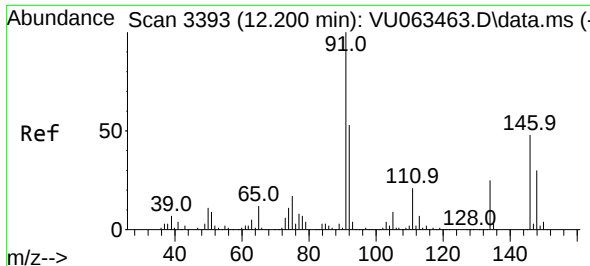
Ion Ratio Lower Upper

146 100

111 44.3 20.8 62.4

148 65.1 31.9 95.9

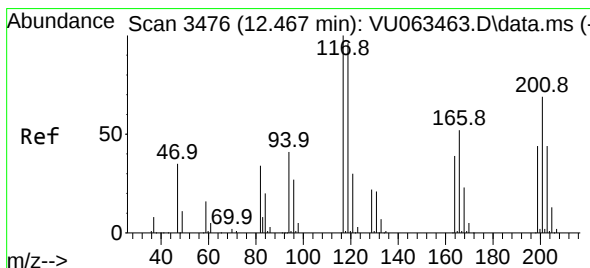
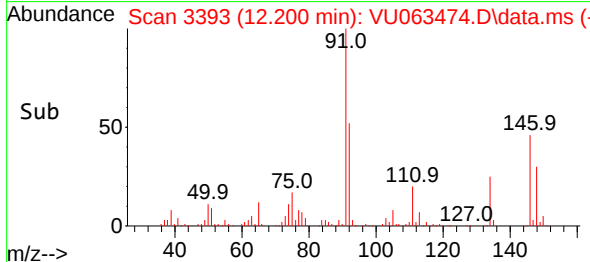
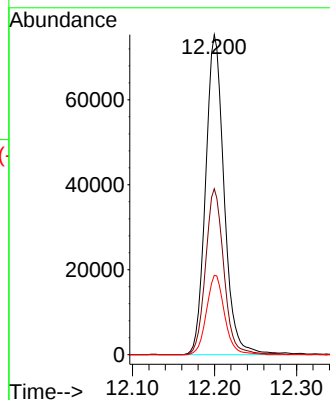
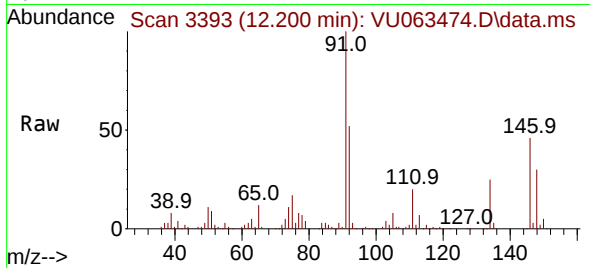




#89  
n-Butylbenzene  
Concen: 20.469 ug/l  
RT: 12.200 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

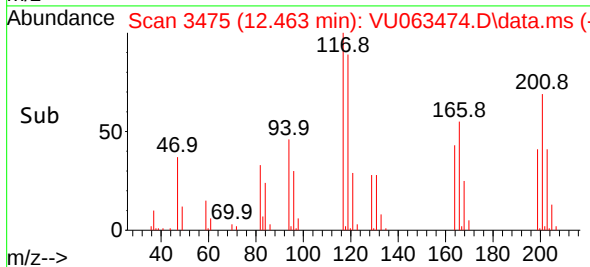
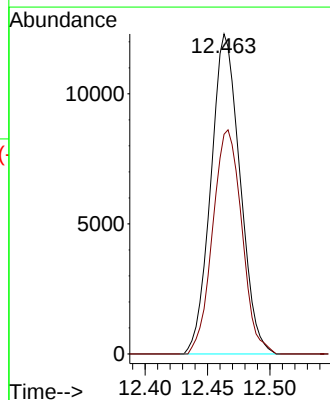
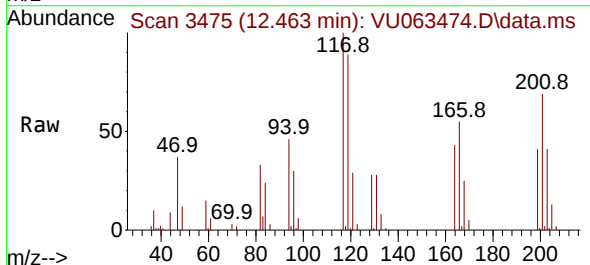
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ClientSampleId :  
VU0710WBSD01

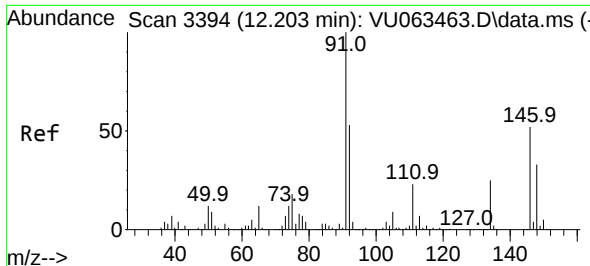
Tgt Ion: 91 Resp: 118342  
Ion Ratio Lower Upper  
91 100  
92 51.1 26.4 79.2  
134 24.3 12.4 37.0



#90  
Hexachloroethane  
Concen: 19.168 ug/l  
RT: 12.463 min Scan# 3475  
Delta R.T. -0.003 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 117 Resp: 20026  
Ion Ratio Lower Upper  
117 100  
201 70.2 34.4 103.2

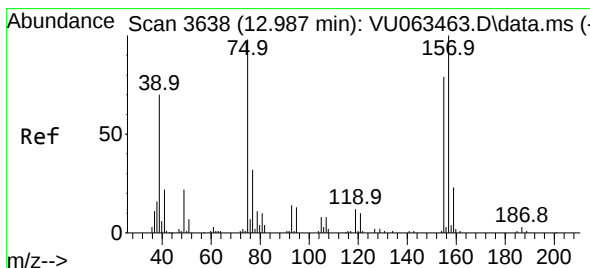
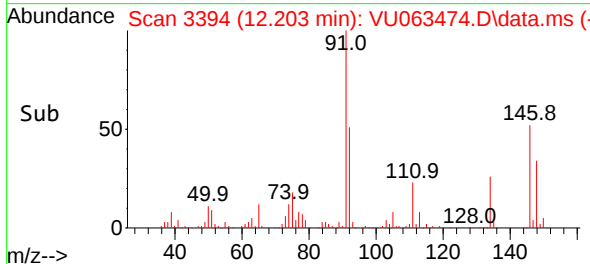
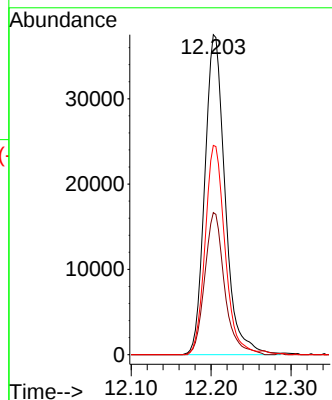
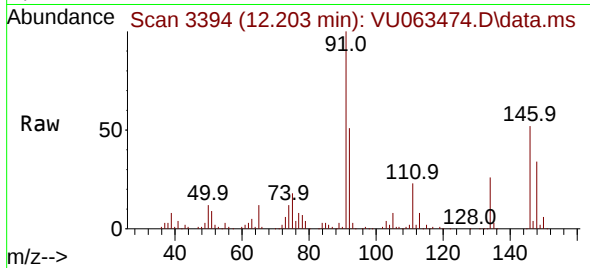




#91  
1,2-Dichlorobenzene  
Concen: 20.696 ug/l  
RT: 12.203 min Scan# 3394  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

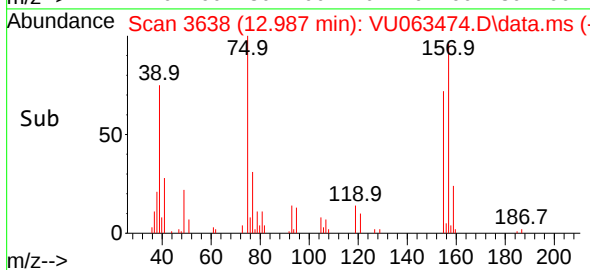
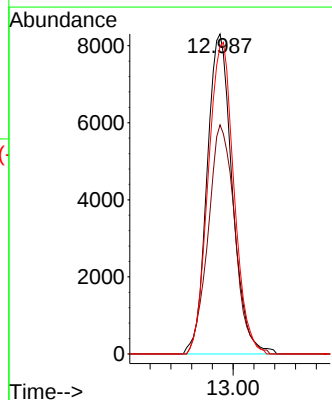
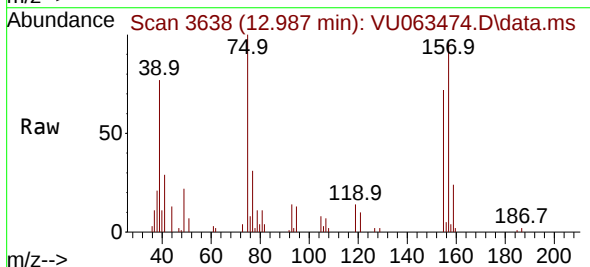
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0710WBSD01

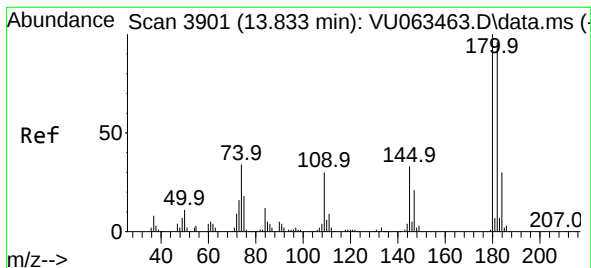
Tgt Ion:146 Resp: 66314  
Ion Ratio Lower Upper  
146 100  
111 43.4 21.9 65.5  
148 63.9 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 23.095 ug/l  
RT: 12.987 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VU063474.D  
Acq: 10 Jul 2025 12:12

Tgt Ion: 75 Resp: 14006  
Ion Ratio Lower Upper  
75 100  
155 75.1 39.1 117.5  
157 99.5 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 20.864 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Instrument :

MSVOA\_U

ClientSampleId :

VU0710WBSD01

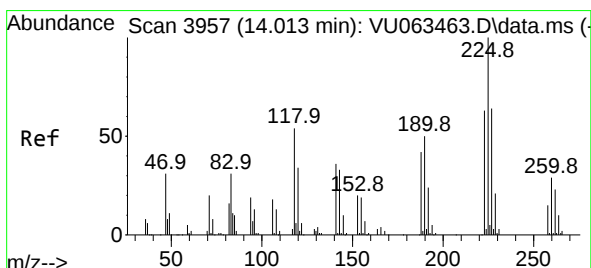
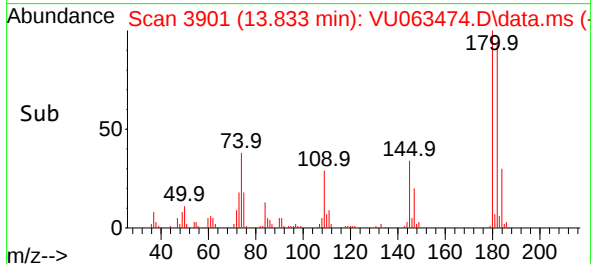
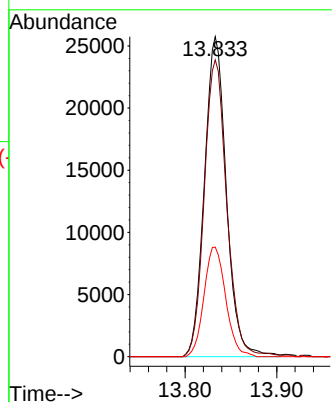
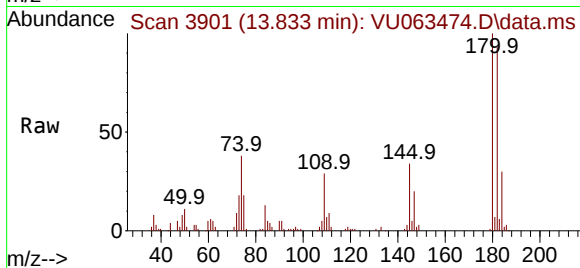
Tgt Ion:180 Resp: 42814

Ion Ratio Lower Upper

180 100

182 94.8 47.7 143.1

145 33.9 16.6 49.7



#94

Hexachlorobutadiene

Concen: 20.296 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

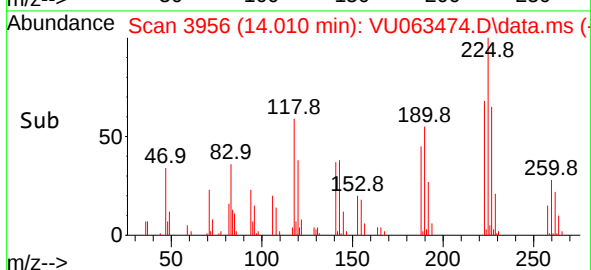
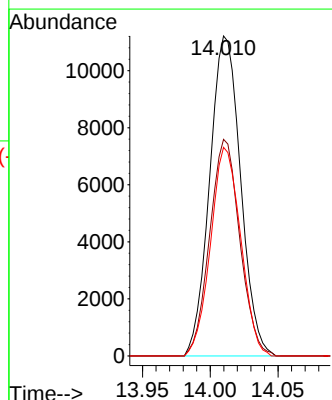
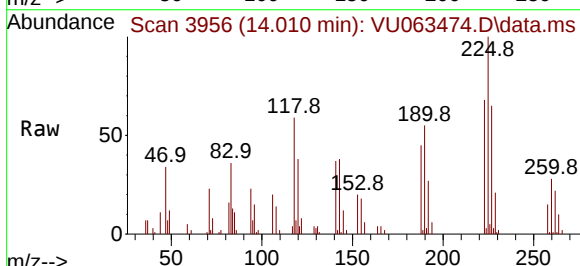
Tgt Ion:225 Resp: 17803

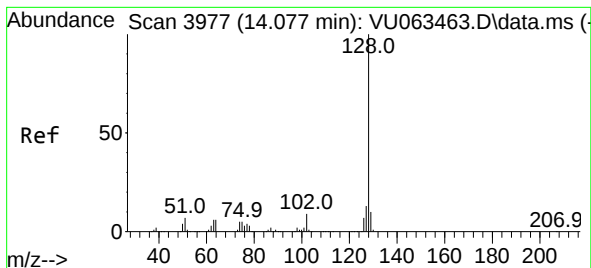
Ion Ratio Lower Upper

225 100

223 66.0 32.4 97.0

227 63.3 32.3 96.9





#95

Naphthalene

Concen: 22.190 ug/l

RT: 14.081 min Scan# 3977

Delta R.T. 0.003 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Instrument :

MSVOA\_U

ClientSampleId :

VU0710WBSD01

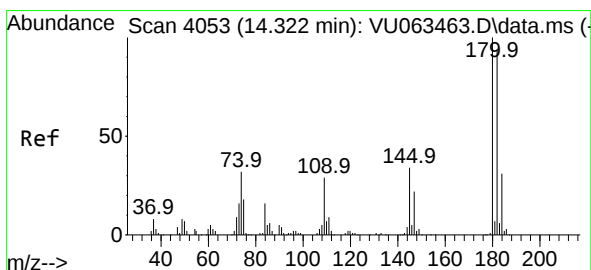
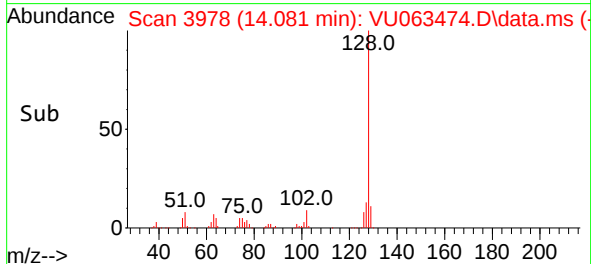
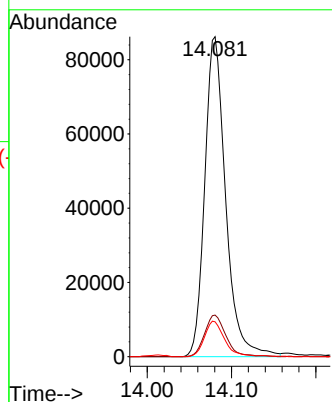
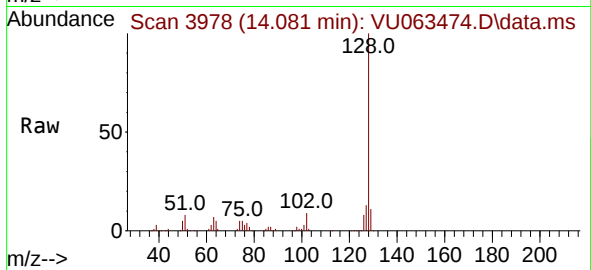
Tgt Ion:128 Resp: 149121

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.186 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063474.D

Acq: 10 Jul 2025 12:12

Tgt Ion:180 Resp: 42724

Ion Ratio Lower Upper

180 100

182 94.0 47.8 143.3

145 35.1 17.2 51.5

