

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071125\  
 Data File : VU063493.D  
 Acq On : 11 Jul 2025 13:19  
 Operator : MD/SY  
 Sample : VU0711WBSD02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0711WBSD02

Quant Time: Jul 12 03:54:09 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 12 03:41:46 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.361  | 168  | 101499   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.239  | 114  | 186632   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.409  | 117  | 173844   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.804 | 152  | 94336    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.692  | 65    | 74215    | 57.309   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 114.620% |      |
| 35) Dibromofluoromethane    | 5.277  | 113   | 60063    | 53.390   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 106.780% |      |
| 50) Toluene-d8              | 7.888  | 98    | 194373   | 53.005   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 106.000% |      |
| 62) 4-Bromofluorobenzene    | 10.624 | 95    | 85240    | 53.142   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 106.280% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.383 | 85  | 13647  | 16.906  | ug/l   | 94  |
| 3) Chloromethane             | 1.518 | 50  | 17051  | 17.342  | ug/l   | 95  |
| 4) Vinyl Chloride            | 1.599 | 62  | 20343  | 18.659  | ug/l   | 97  |
| 5) Bromomethane              | 1.846 | 94  | 16561  | 21.681  | ug/l   | 99  |
| 6) Chloroethane              | 1.924 | 64  | 14444  | 18.285  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 2.129 | 101 | 34850  | 19.814  | ug/l   | 99  |
| 8) Diethyl Ether             | 2.371 | 74  | 15397  | 21.006  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 2.567 | 101 | 20989  | 20.176  | ug/l   | 97  |
| 10) Methyl Iodide            | 2.708 | 142 | 19716  | 18.144  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 3.197 | 59  | 57075  | 131.450 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 2.567 | 96  | 18699  | 19.310  | ug/l   | 95  |
| 13) Acrolein                 | 2.480 | 56  | 5810   | 94.801  | ug/l   | 97  |
| 14) Allyl chloride           | 2.908 | 41  | 47474  | 20.596  | ug/l   | 98  |
| 15) Acrylonitrile            | 3.306 | 53  | 112590 | 121.058 | ug/l   | 97  |
| 16) Acetone                  | 2.621 | 43  | 111408 | 102.555 | ug/l   | 99  |
| 17) Carbon Disulfide         | 2.776 | 76  | 38606  | 16.677  | ug/l   | 96  |
| 18) Methyl Acetate           | 2.943 | 43  | 71887  | 25.714  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 3.361 | 73  | 88587  | 21.212  | ug/l   | 100 |
| 20) Methylene Chloride       | 3.030 | 84  | 25440  | 16.061  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 3.332 | 96  | 20578  | 19.779  | ug/l   | 92  |
| 22) Diisopropyl ether        | 3.991 | 45  | 78564  | 20.017  | ug/l   | 96  |
| 23) Vinyl Acetate            | 3.949 | 43  | 316732 | 104.003 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 3.850 | 63  | 44288  | 19.883  | ug/l   | 100 |
| 25) 2-Butanone               | 4.711 | 43  | 140124 | 114.902 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 4.647 | 77  | 36734  | 18.955  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 4.653 | 96  | 27636  | 20.124  | ug/l   | 100 |
| 28) Bromochloromethane       | 4.959 | 49  | 24141  | 23.072  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 5.055 | 42  | 91594  | 119.064 | ug/l   | 99  |
| 30) Chloroform               | 5.071 | 83  | 48569  | 20.653  | ug/l   | 99  |
| 31) Cyclohexane              | 5.367 | 56  | 32885  | 18.365  | ug/l # | 92  |
| 32) 1,1,1-Trichloroethane    | 5.296 | 97  | 39610  | 19.781  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.512 | 75  | 28413  | 18.587  | ug/l   | 98  |
| 37) Ethyl Acetate            | 4.814 | 43  | 43998  | 17.773  | ug/l # | 92  |
| 38) Carbon Tetrachloride     | 5.509 | 117 | 28928  | 17.175  | ug/l   | 98  |
| 39) Methylcyclohexane        | 6.750 | 83  | 31425  | 17.014  | ug/l   | 96  |
| 40) Benzene                  | 5.759 | 78  | 92464  | 19.369  | ug/l   | 99  |

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 Sample : VU0711WBSD02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0711WBSD02

Quant Time: Jul 12 03:54:09 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U070825W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 12 03:41:46 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.972  | 41   | 25081    | 21.471  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 5.785  | 62   | 37274    | 20.765  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 5.914  | 43   | 65641    | 19.962  | ug/l   | 99       |
| 44) Trichloroethene           | 6.531  | 130  | 24039    | 18.817  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 6.782  | 63   | 26436    | 19.920  | ug/l   | 97       |
| 46) Dibromomethane            | 6.907  | 93   | 19591    | 20.748  | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.094  | 83   | 37360    | 19.028  | ug/l   | 99       |
| 48) Methyl methacrylate       | 6.959  | 41   | 32123    | 21.136  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 6.968  | 88   | 13991    | 419.521 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone      | 7.785  | 43   | 274269   | 115.239 | ug/l   | 98       |
| 52) Toluene                   | 7.959  | 92   | 56914    | 18.227  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.203  | 75   | 30527    | 17.768  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 7.599  | 75   | 36864    | 19.167  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 8.393  | 97   | 26255    | 19.799  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 8.329  | 69   | 39834    | 18.622  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 8.566  | 76   | 42775    | 19.569  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 7.464  | 63   | 2458     | 110.658 | ug/l   | 98       |
| 59) 2-Hexanone                | 8.679  | 43   | 202630   | 112.564 | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.801  | 129  | 28418    | 19.130  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 8.917  | 107  | 25539    | 19.622  | ug/l   | 97       |
| 64) Tetrachloroethene         | 8.544  | 164  | 21744    | 16.802  | ug/l   | 99       |
| 65) Chlorobenzene             | 9.438  | 112  | 69832    | 19.307  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 9.525  | 131  | 23743    | 19.142  | ug/l   | 97       |
| 67) Ethyl Benzene             | 9.563  | 91   | 118767   | 19.106  | ug/l   | 98       |
| 68) m/p-Xylenes               | 9.685  | 106  | 88646    | 37.366  | ug/l   | 99       |
| 69) o-Xylene                  | 10.090 | 106  | 45491    | 18.860  | ug/l   | 96       |
| 70) Styrene                   | 10.107 | 104  | 74241    | 19.358  | ug/l   | 98       |
| 71) Bromoform                 | 10.280 | 173  | 18295    | 16.922  | ug/l # | 96       |
| 73) Isopropylbenzene          | 10.476 | 105  | 120695   | 18.803  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.316 | 43   | 57018    | 19.808  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 10.772 | 83   | 47502    | 20.105  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.814 | 75   | 49925    | 19.972  | ug/l # | 81       |
| 77) Bromobenzene              | 10.775 | 156  | 28609    | 18.183  | ug/l   | 92       |
| 78) n-propylbenzene           | 10.898 | 91   | 140511   | 18.875  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.978 | 91   | 89428    | 19.155  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.078 | 105  | 105650   | 18.818  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 10.537 | 75   | 9478     | 18.911  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 11.087 | 91   | 102705   | 19.377  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.409 | 119  | 101887   | 18.923  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 102300   | 18.555  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.634 | 105  | 130905   | 18.425  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.785 | 119  | 108493   | 18.823  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.737 | 146  | 57896    | 19.095  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 11.830 | 146  | 59563    | 19.268  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.203 | 91   | 100147   | 18.773  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.467 | 117  | 16642    | 17.263  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.206 | 146  | 57906    | 19.585  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.987 | 75   | 12483    | 22.307  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 13.833 | 180  | 35839    | 18.928  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 14.010 | 225  | 14683    | 18.141  | ug/l   | 99       |
| 95) Naphthalene               | 14.081 | 128  | 130055   | 20.974  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 36648    | 19.695  | ug/l   | 95       |

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Sample : VU0711WBSD02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Sat Jul 12 03:41:46 2025  
Response via : Initial Calibration

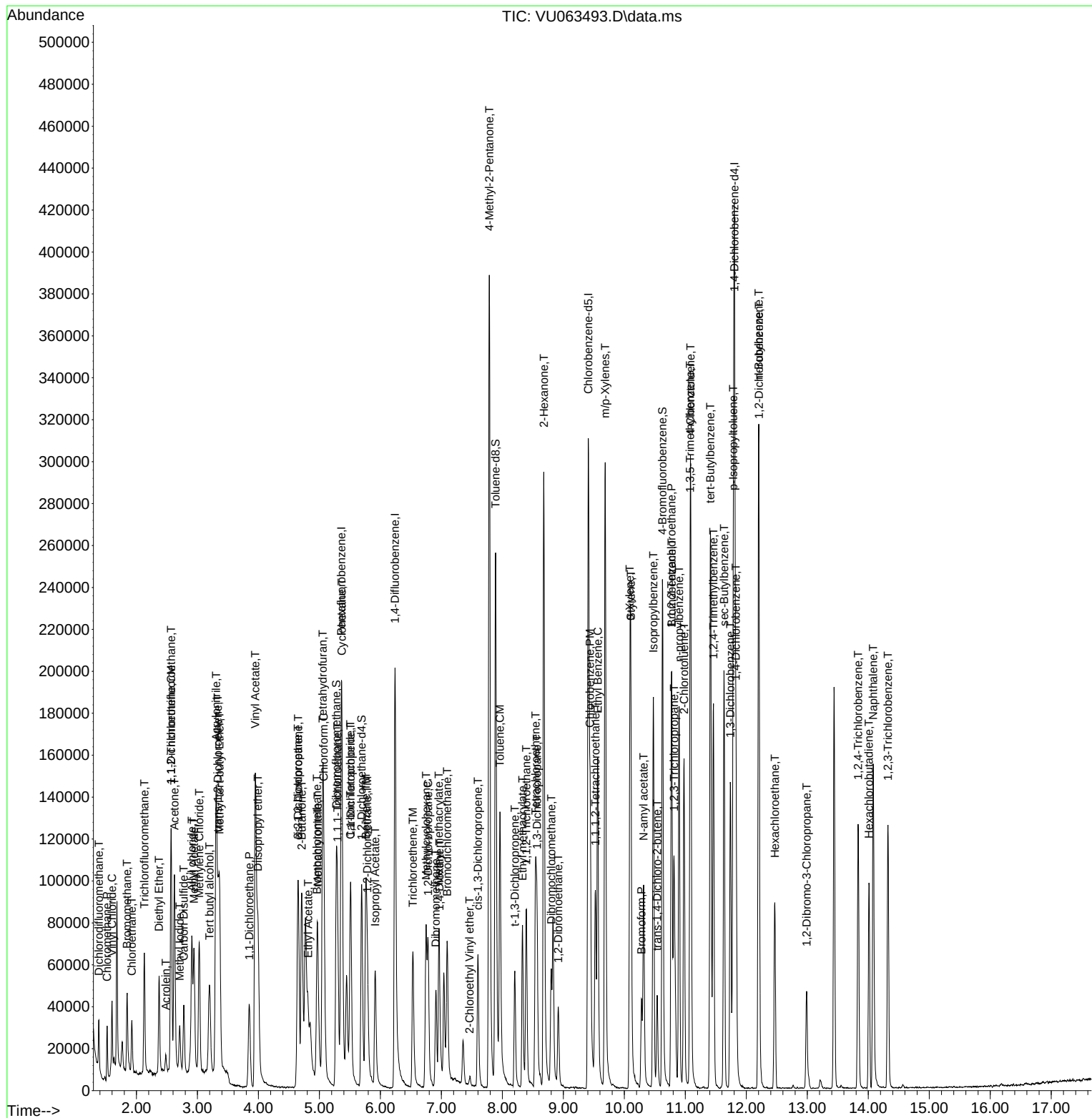
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

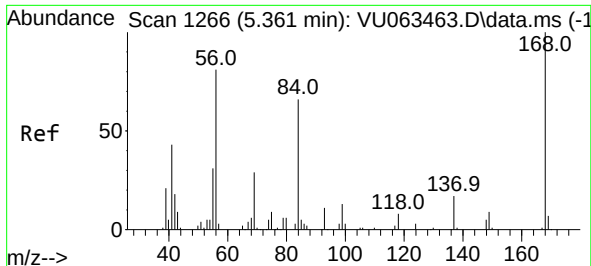
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Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 13 Sample Multiplier: 1

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Quant Title : SW846 8260  
QLast Update : Sat Jul 12 03:41:46 2025  
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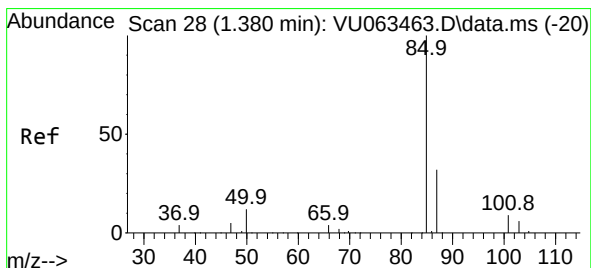
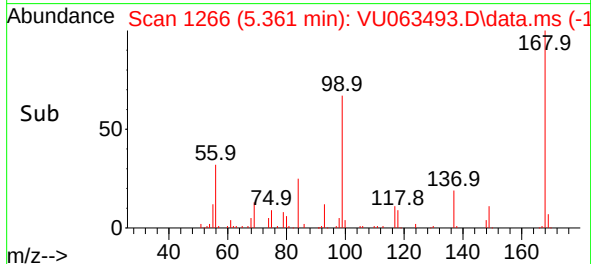
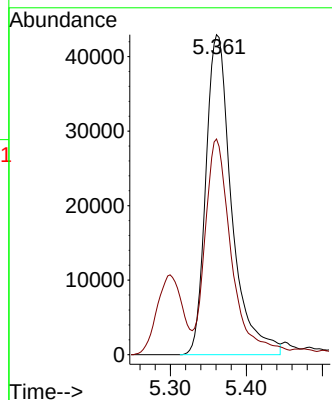
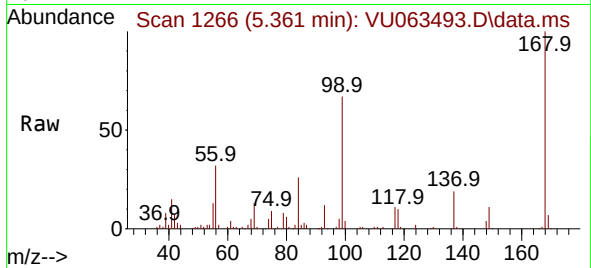




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.361 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

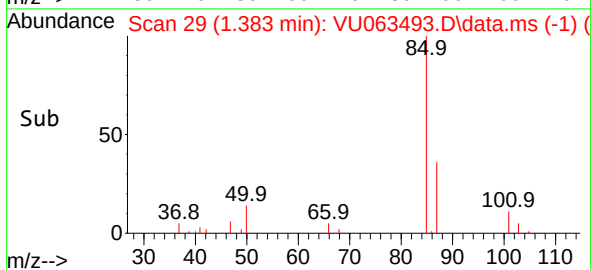
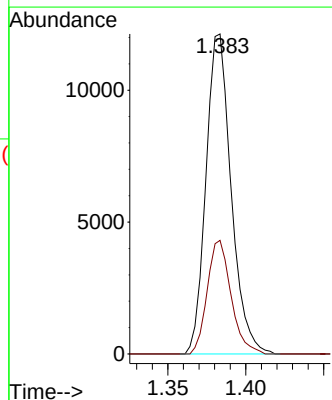
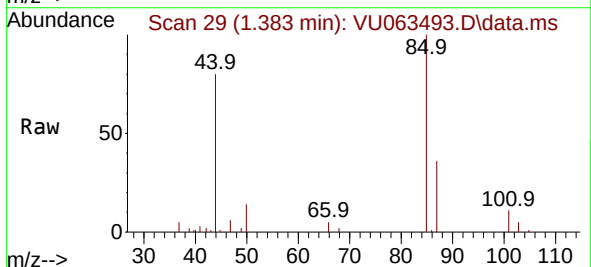
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

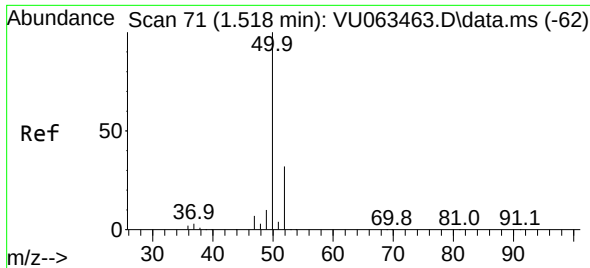
Tgt Ion:168 Resp: 101499  
Ion Ratio Lower Upper  
168 100  
99 64.9 47.7 71.5



#2  
Dichlorodifluoromethane  
Concen: 16.906 ug/l  
RT: 1.383 min Scan# 29  
Delta R.T. 0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 85 Resp: 13647  
Ion Ratio Lower Upper  
85 100  
87 35.5 16.1 48.2

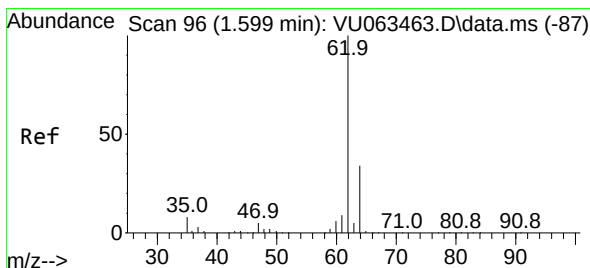
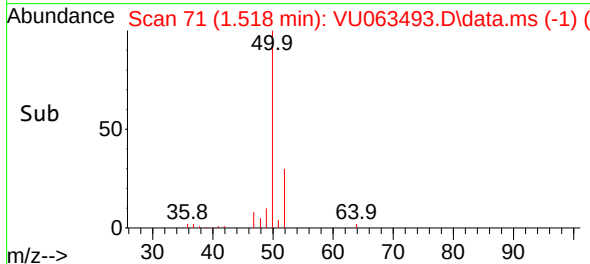
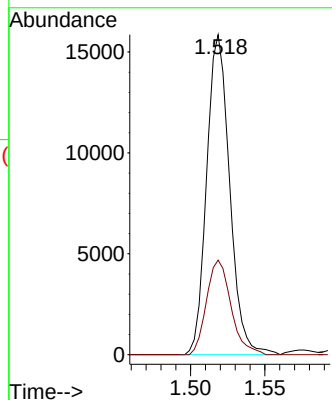
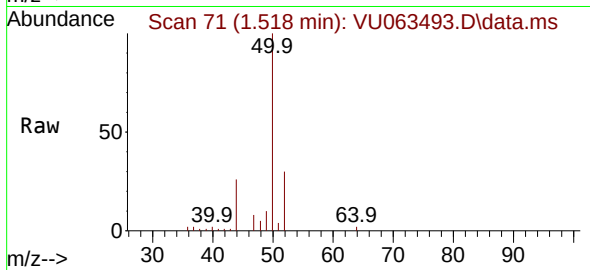




#3  
Chloromethane  
Concen: 17.342 ug/l  
RT: 1.518 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

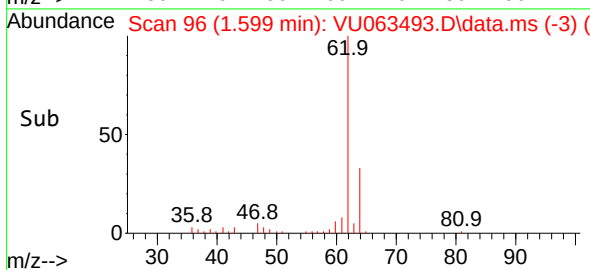
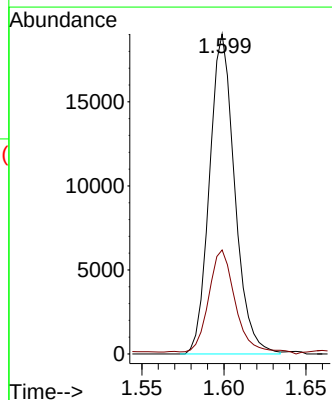
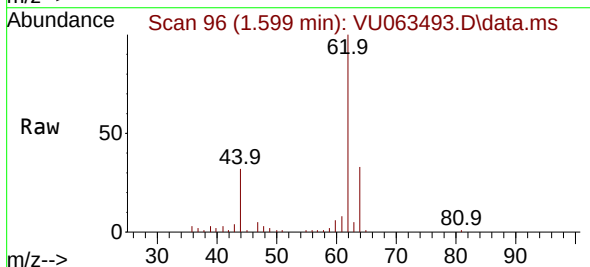
Instrument :  
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ClientSampleId :  
VU0711WBSD02

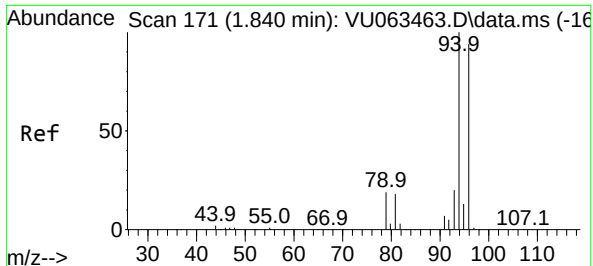
Tgt Ion: 50 Resp: 17051  
Ion Ratio Lower Upper  
50 100  
52 29.6 25.8 38.8



#4  
Vinyl Chloride  
Concen: 18.659 ug/l  
RT: 1.599 min Scan# 96  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 62 Resp: 20343  
Ion Ratio Lower Upper  
62 100  
64 31.8 26.9 40.3

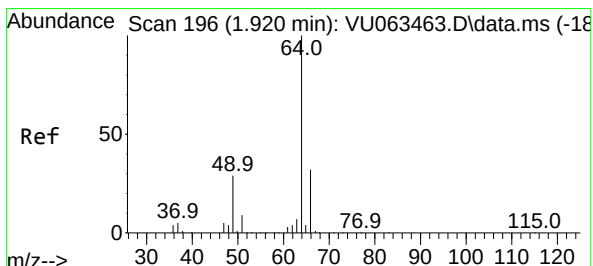
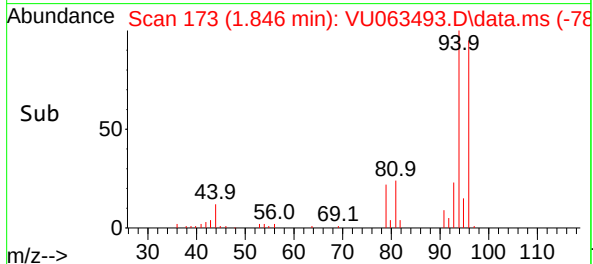
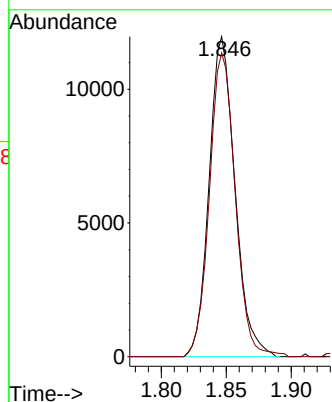
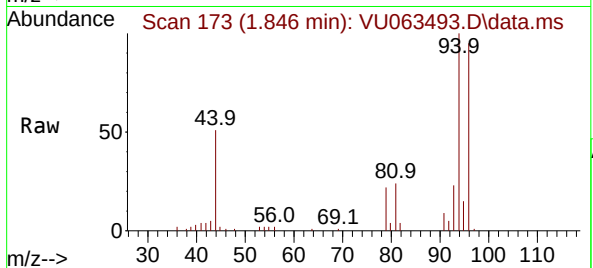




#5  
Bromomethane  
Concen: 21.681 ug/l  
RT: 1.846 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

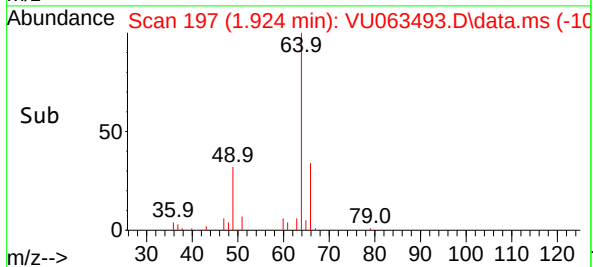
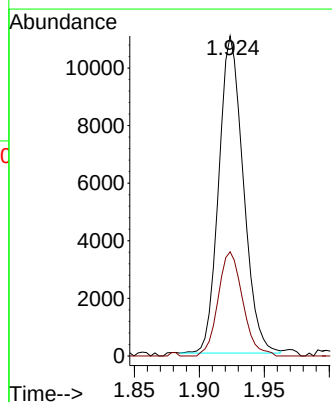
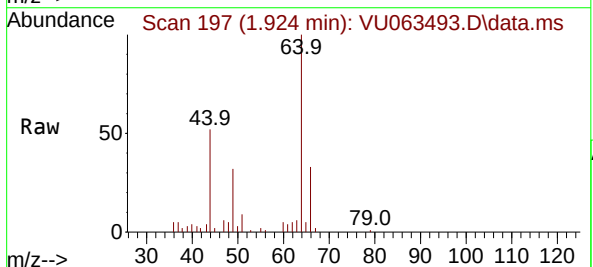
Instrument :  
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ClientSampleId :  
VU0711WBSD02

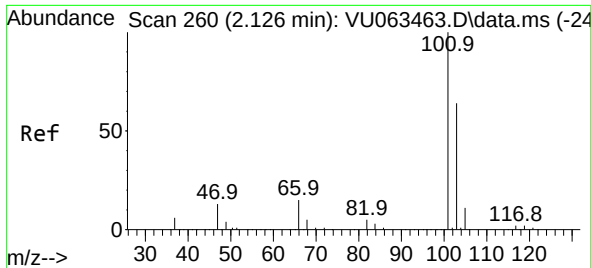
Tgt Ion: 94 Resp: 16561  
Ion Ratio Lower Upper  
94 100  
96 94.9 75.5 113.3



#6  
Chloroethane  
Concen: 18.285 ug/l  
RT: 1.924 min Scan# 197  
Delta R.T. 0.004 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 64 Resp: 14444  
Ion Ratio Lower Upper  
64 100  
66 32.8 25.3 37.9

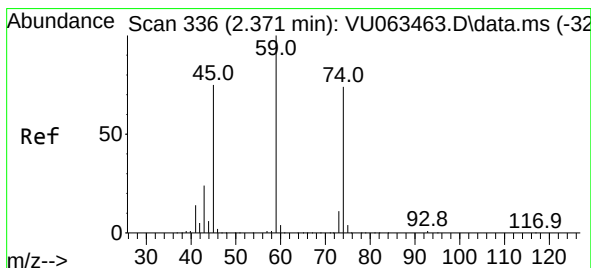
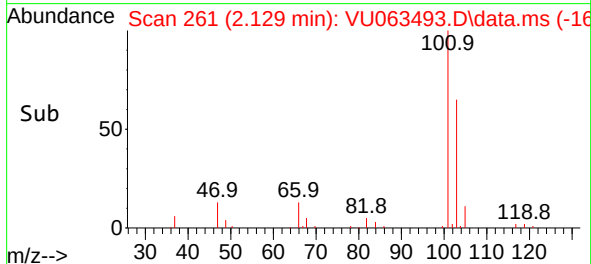
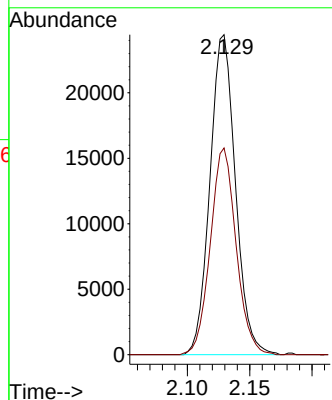
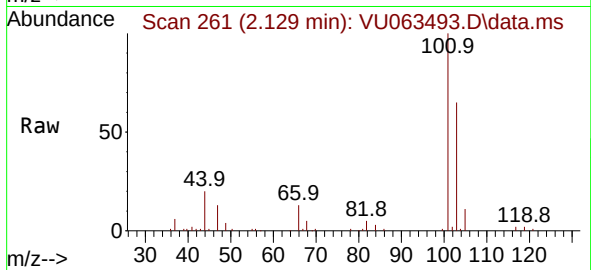




#7  
 Trichlorofluoromethane  
 Concen: 19.814 ug/l  
 RT: 2.129 min Scan# 260  
 Delta R.T. 0.003 min  
 Lab File: VU063493.D  
 Acq: 11 Jul 2025 13:19

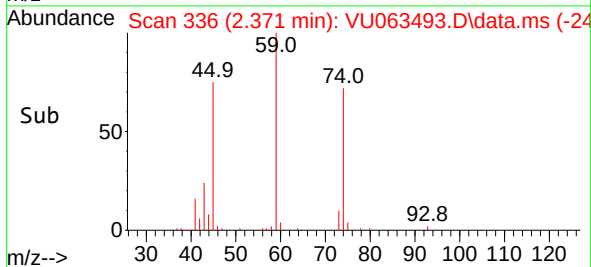
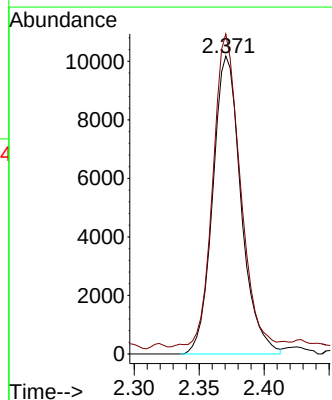
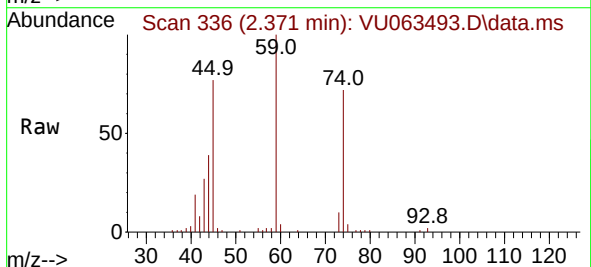
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0711WBSD02

Tgt Ion:101 Resp: 34850  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 51.1 76.7

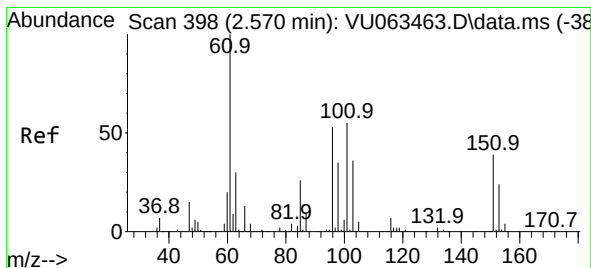


#8  
 Diethyl Ether  
 Concen: 21.006 ug/l  
 RT: 2.371 min Scan# 336  
 Delta R.T. 0.000 min  
 Lab File: VU063493.D  
 Acq: 11 Jul 2025 13:19

Tgt Ion: 74 Resp: 15397  
 Ion Ratio Lower Upper  
 74 100  
 45 101.1 49.7 149.1



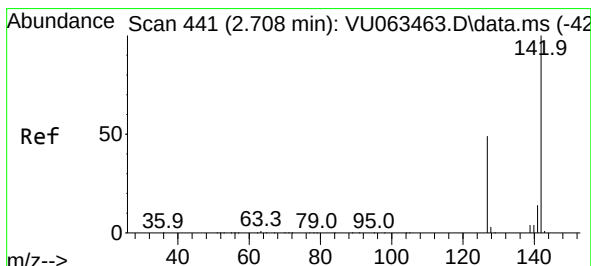
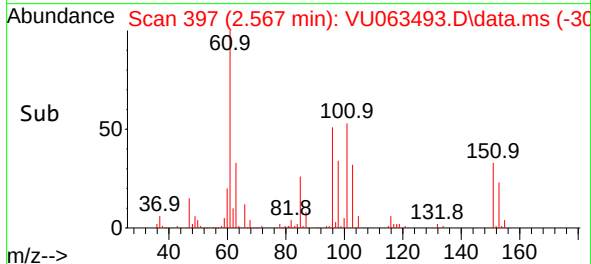
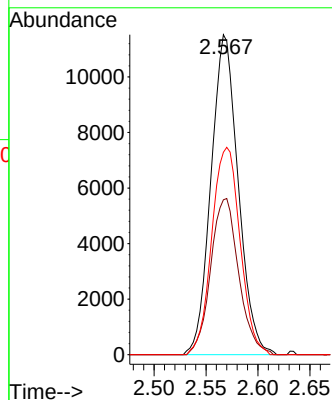
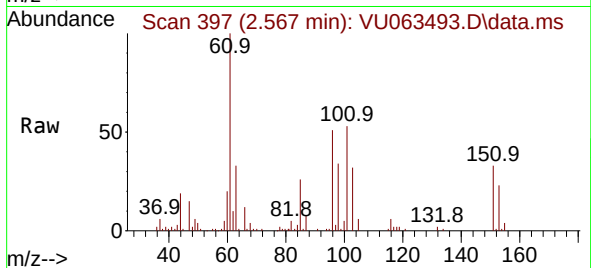




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.176 ug/l  
RT: 2.567 min Scan# 398  
Delta R.T. -0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

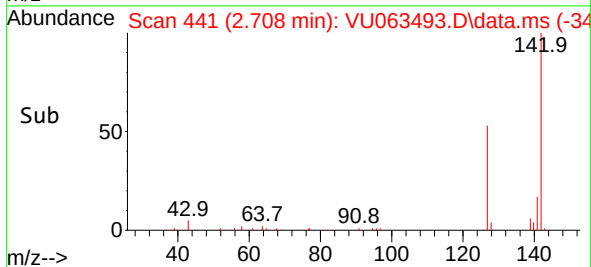
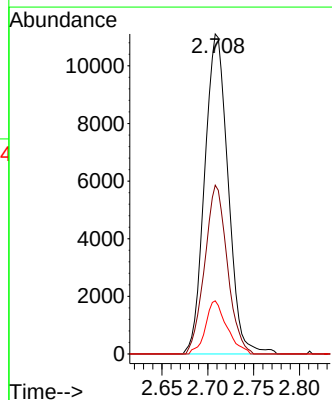
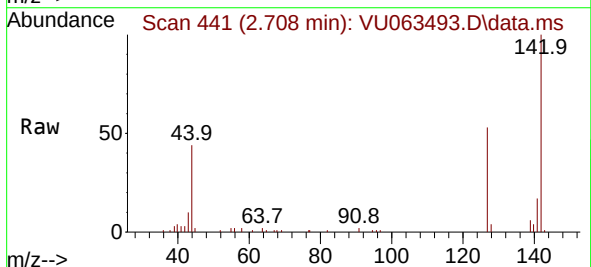
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

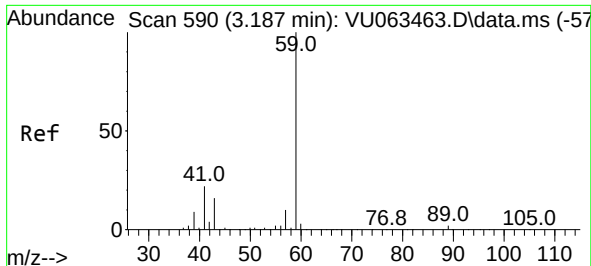
Tgt Ion:101 Resp: 20989  
Ion Ratio Lower Upper  
101 100  
85 50.2 39.6 59.4  
151 67.5 57.2 85.8



#10  
Methyl Iodide  
Concen: 18.144 ug/l  
RT: 2.708 min Scan# 441  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion:142 Resp: 19716  
Ion Ratio Lower Upper  
142 100  
127 51.0 38.2 57.4  
141 15.1 11.1 16.7

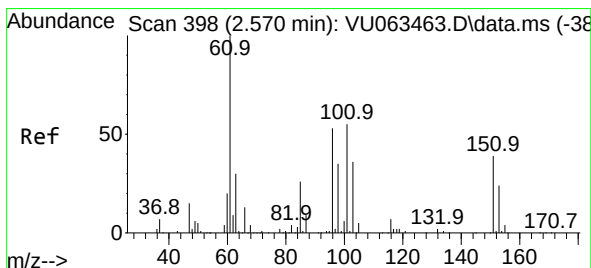
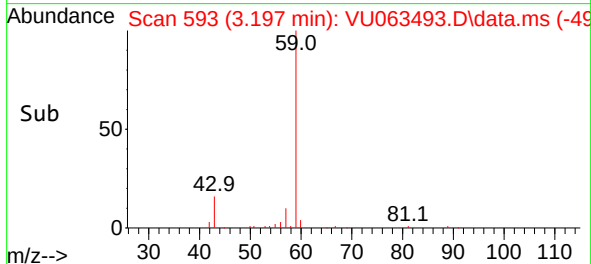
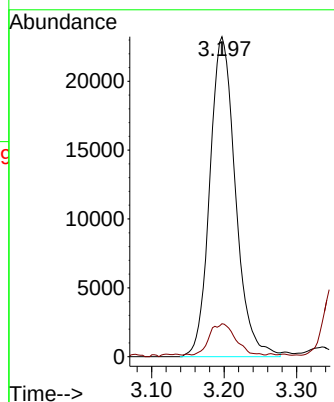
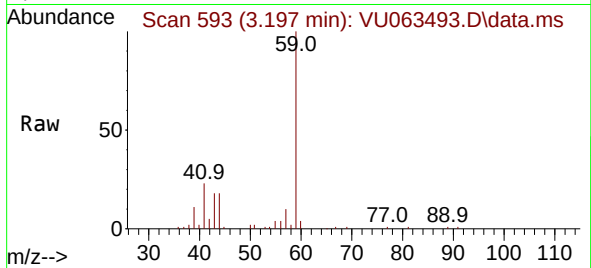




#11  
Tert butyl alcohol  
Concen: 131.450 ug/l  
RT: 3.197 min Scan# 590  
Delta R.T. 0.010 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

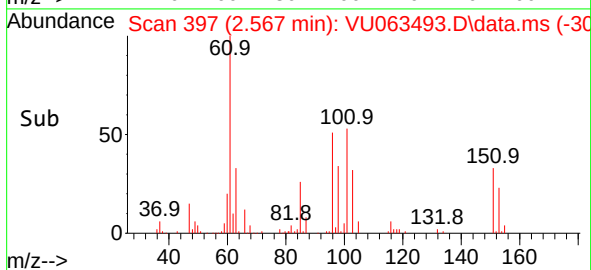
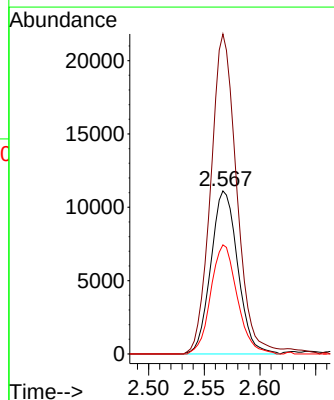
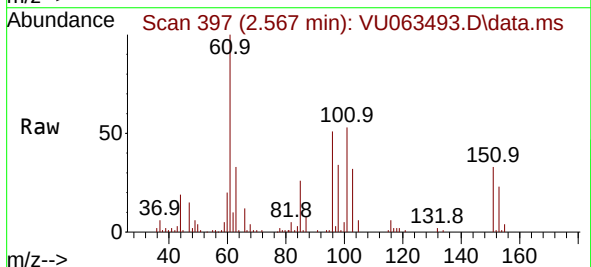
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

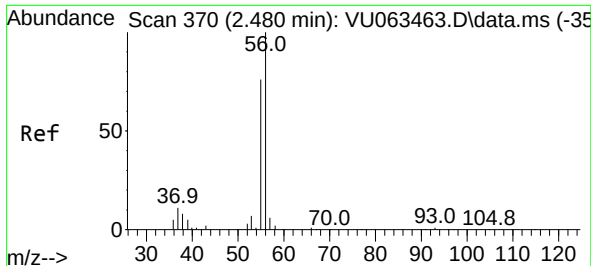
Tgt Ion: 59 Resp: 57075  
Ion Ratio Lower Upper  
59 100  
57 9.7 8.8 13.2



#12  
1,1-Dichloroethene  
Concen: 19.310 ug/l  
RT: 2.567 min Scan# 397  
Delta R.T. -0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 96 Resp: 18699  
Ion Ratio Lower Upper  
96 100  
61 196.3 149.6 224.4  
98 67.0 52.0 78.0

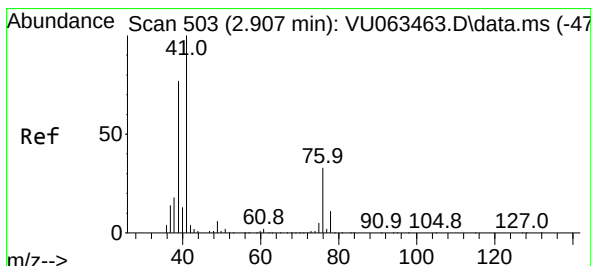
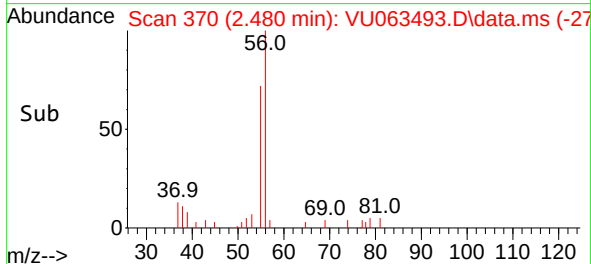
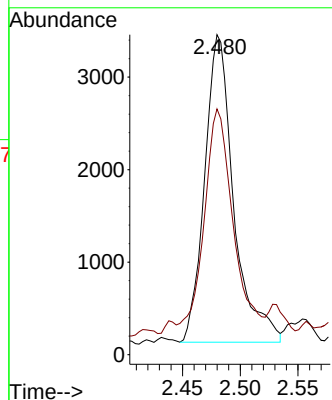
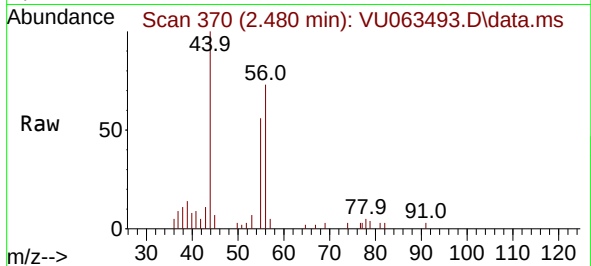




#13  
Acrolein  
Concen: 94.801 ug/l  
RT: 2.480 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

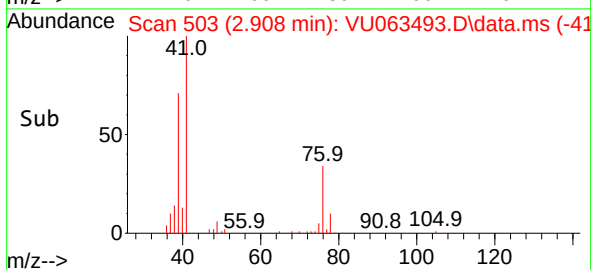
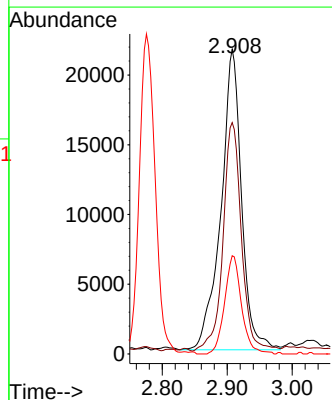
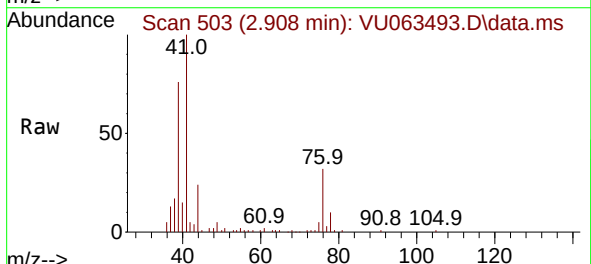
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

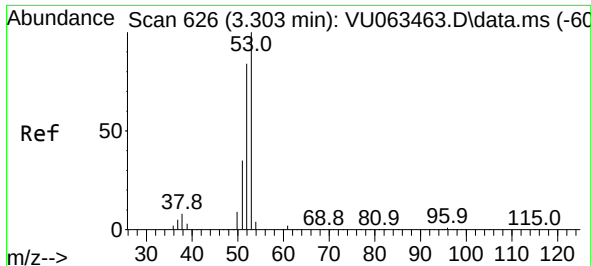
Tgt Ion: 56 Resp: 5810  
Ion Ratio Lower Upper  
56 100  
55 72.4 60.2 90.2



#14  
Allyl chloride  
Concen: 20.596 ug/l  
RT: 2.908 min Scan# 503  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 41 Resp: 47474  
Ion Ratio Lower Upper  
41 100  
39 68.0 53.9 80.9  
76 26.8 23.1 34.7

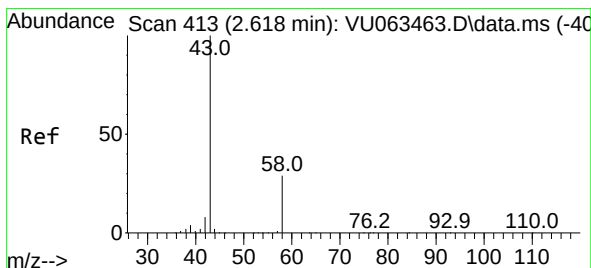
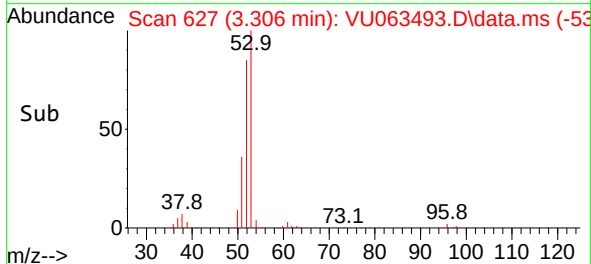
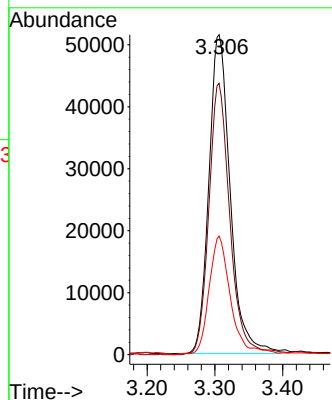
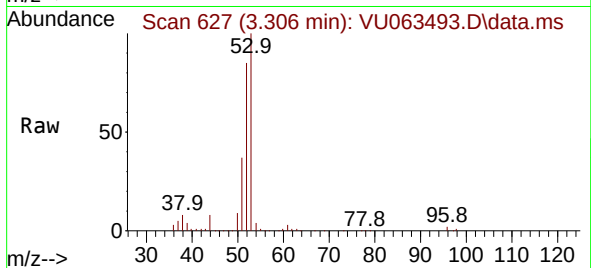




#15  
Acrylonitrile  
Concen: 121.058 ug/l  
RT: 3.306 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

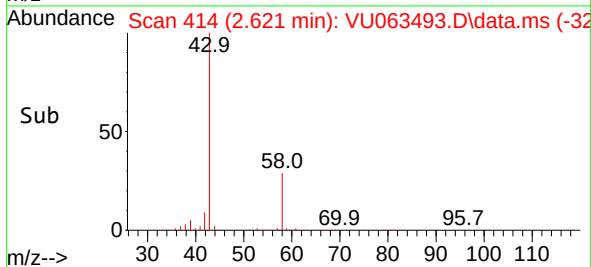
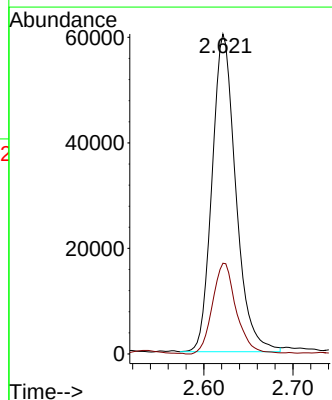
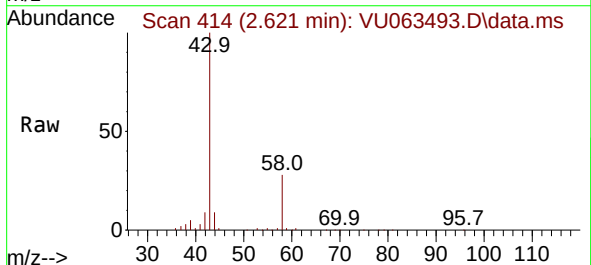
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

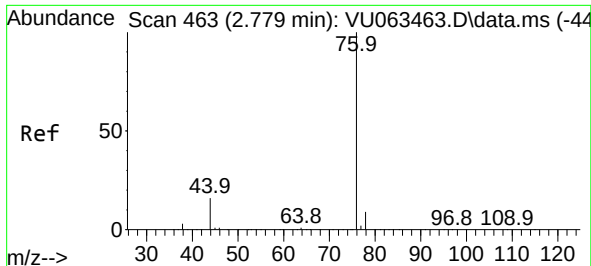
Tgt Ion: 53 Resp: 112590  
Ion Ratio Lower Upper  
53 100  
52 84.2 65.0 97.4  
51 36.3 28.8 43.2



#16  
Acetone  
Concen: 102.555 ug/l  
RT: 2.621 min Scan# 414  
Delta R.T. 0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 43 Resp: 111408  
Ion Ratio Lower Upper  
43 100  
58 28.4 23.1 34.7

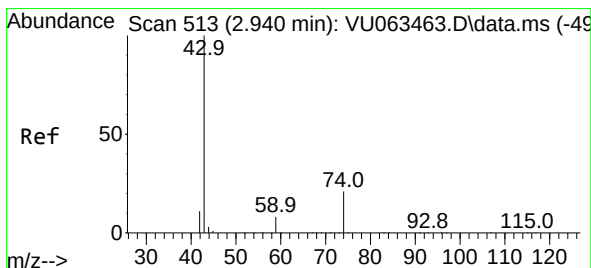
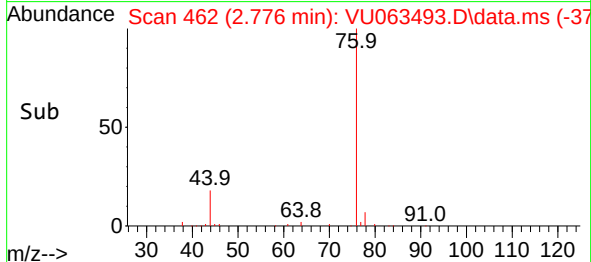
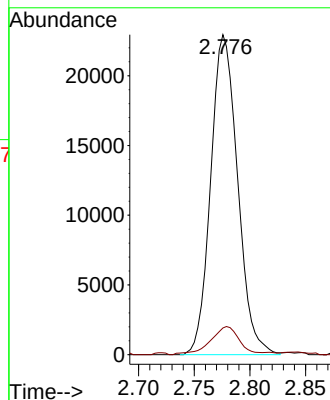
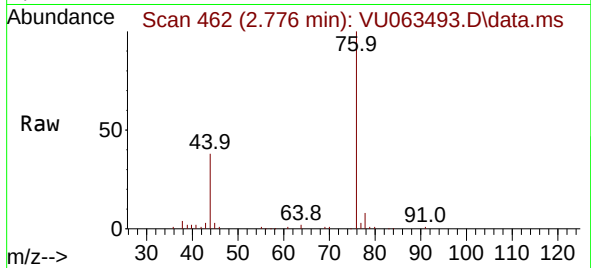




#17  
Carbon Disulfide  
Concen: 16.677 ug/l  
RT: 2.776 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

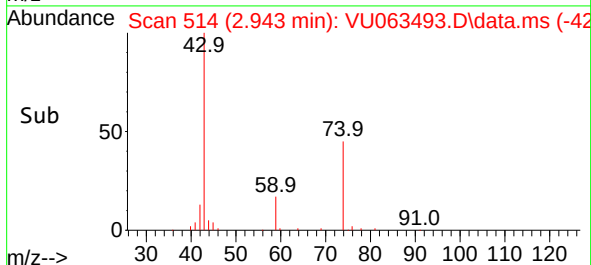
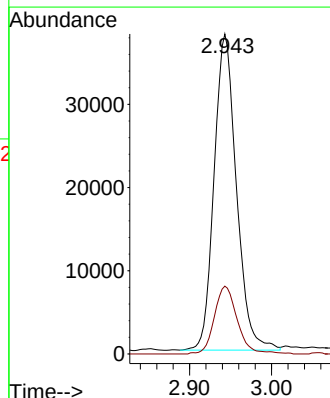
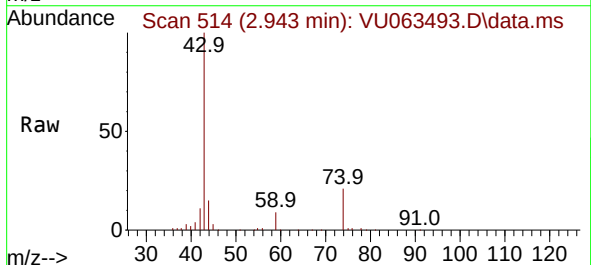
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

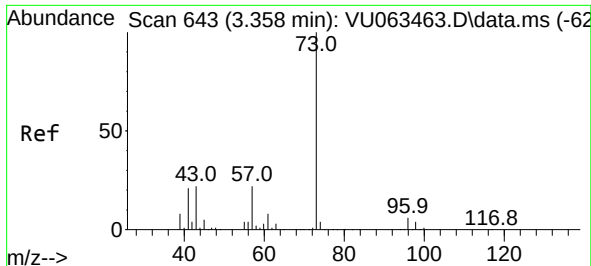
Tgt Ion: 76 Resp: 38606  
Ion Ratio Lower Upper  
76 100  
78 7.8 7.5 11.3



#18  
Methyl Acetate  
Concen: 25.714 ug/l  
RT: 2.943 min Scan# 514  
Delta R.T. 0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 43 Resp: 71887  
Ion Ratio Lower Upper  
43 100  
74 22.1 17.3 25.9

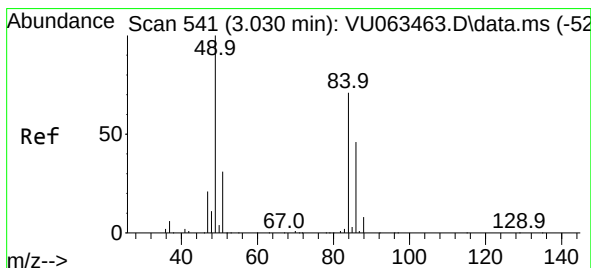
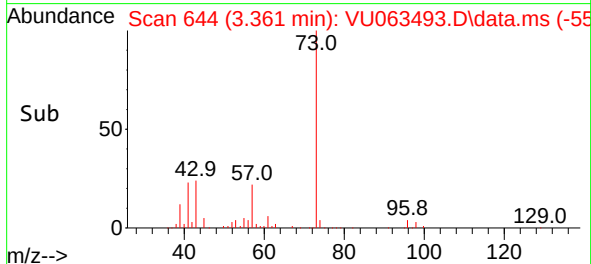
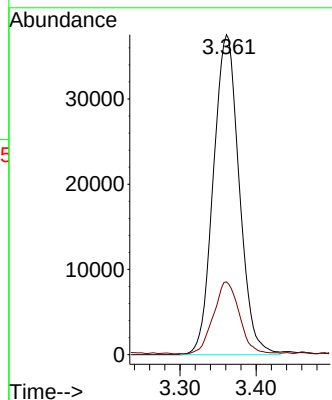
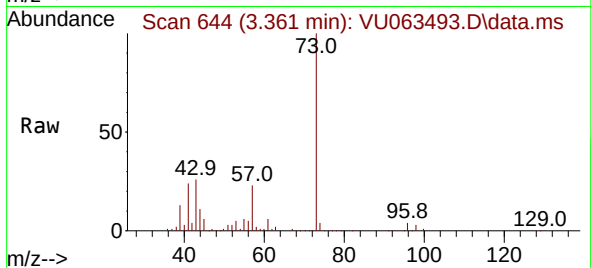




#19  
Methyl tert-butyl Ether  
Concen: 21.212 ug/l  
RT: 3.361 min Scan# 643  
Delta R.T. 0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

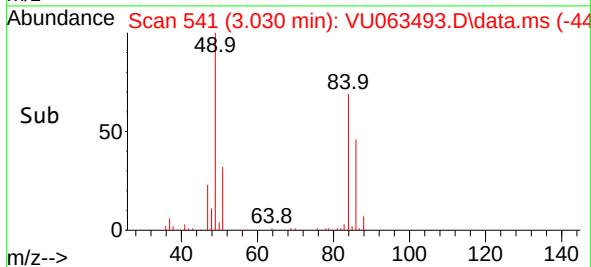
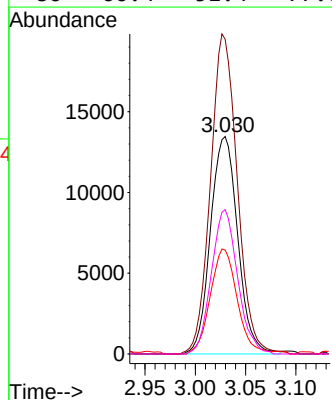
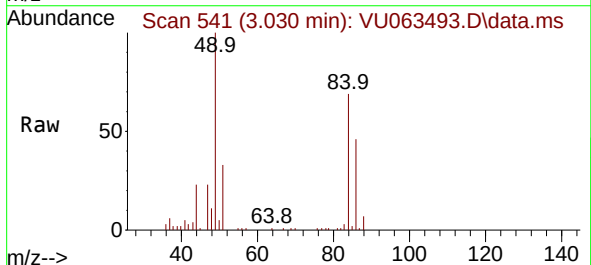
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

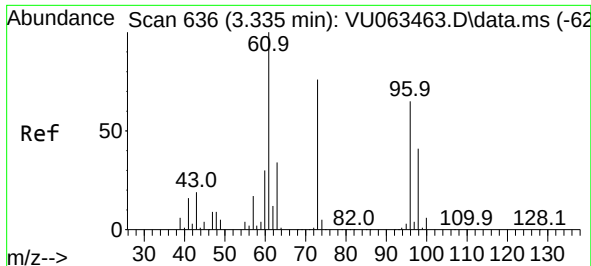
Tgt Ion: 73 Resp: 88587  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.8 26.6



#20  
Methylene Chloride  
Concen: 16.061 ug/l  
RT: 3.030 min Scan# 541  
Delta R.T. -0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 84 Resp: 25440  
Ion Ratio Lower Upper  
84 100  
49 144.7 112.1 168.1  
51 47.9 34.4 51.6  
86 66.4 51.4 77.0

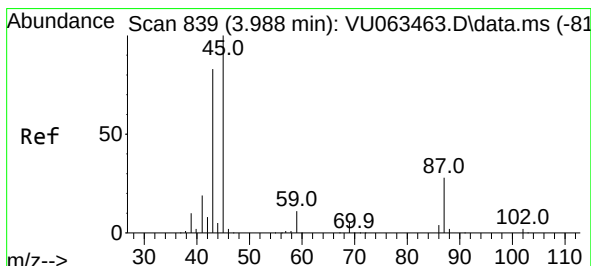
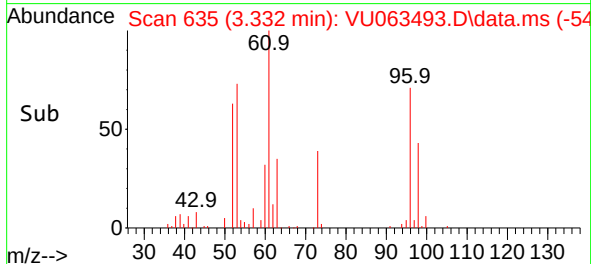
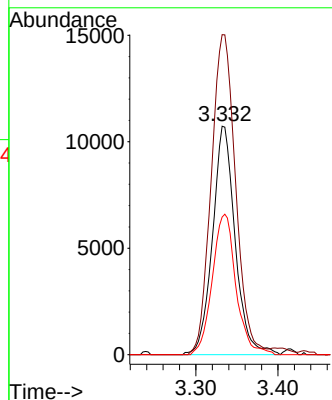
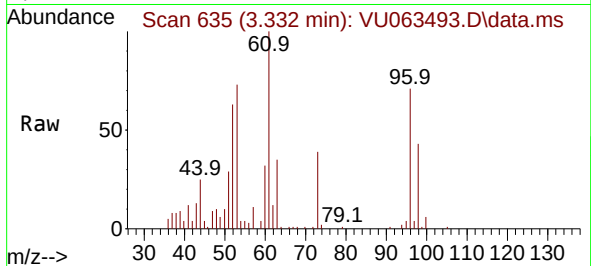




#21  
trans-1,2-Dichloroethene  
Concen: 19.779 ug/l  
RT: 3.332 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

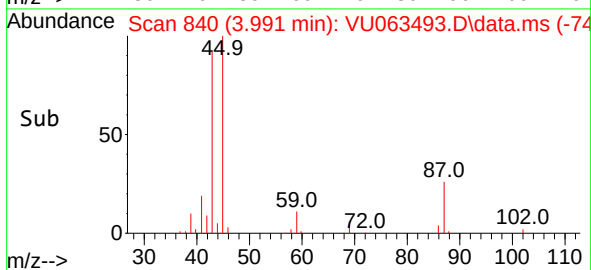
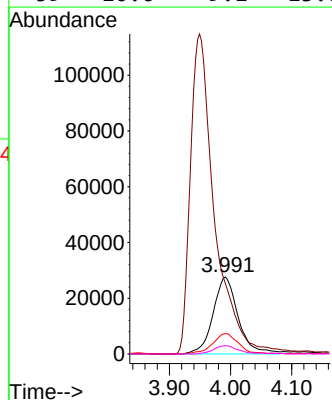
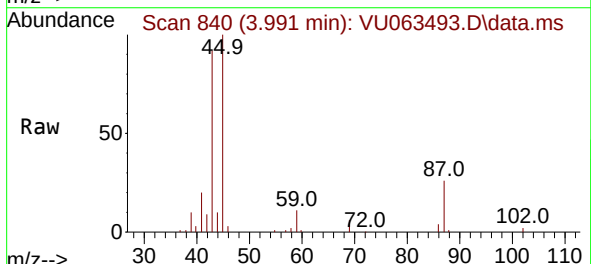
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

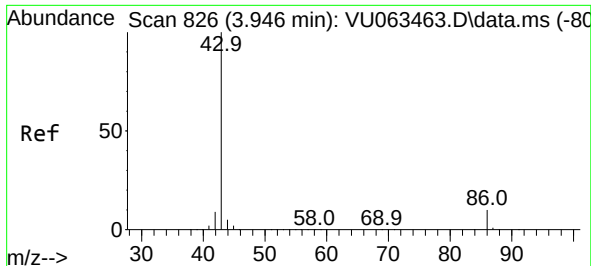
Tgt Ion: 96 Resp: 20578  
Ion Ratio Lower Upper  
96 100  
61 140.1 122.2 183.4  
98 60.3 49.9 74.9



#22  
Diisopropyl ether  
Concen: 20.017 ug/l  
RT: 3.991 min Scan# 840  
Delta R.T. 0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 45 Resp: 78564  
Ion Ratio Lower Upper  
45 100  
43 86.6 66.5 99.7  
87 26.5 22.6 33.8  
59 10.6 9.1 13.7

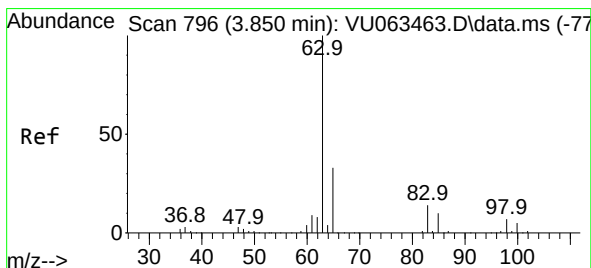
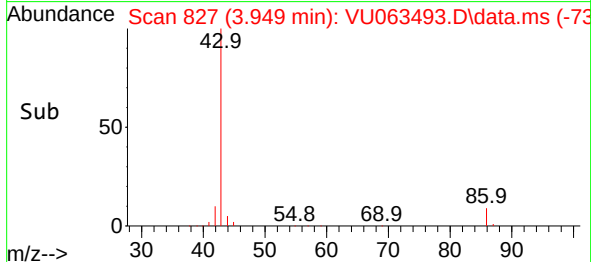
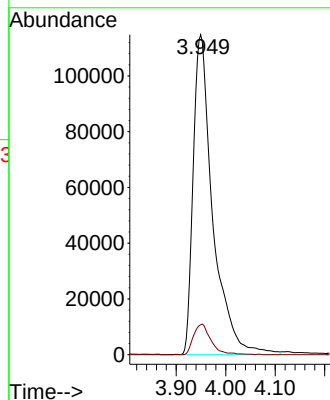
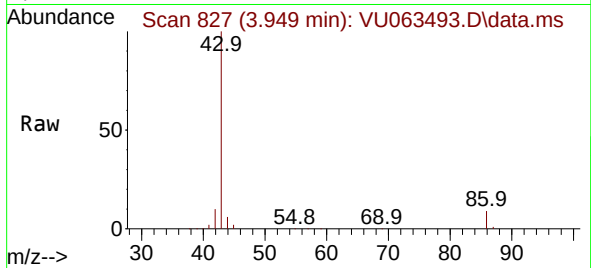




#23  
 Vinyl Acetate  
 Concen: 104.003 ug/l  
 RT: 3.949 min Scan# 81  
 Delta R.T. 0.003 min  
 Lab File: VU063493.D  
 Acq: 11 Jul 2025 13:19

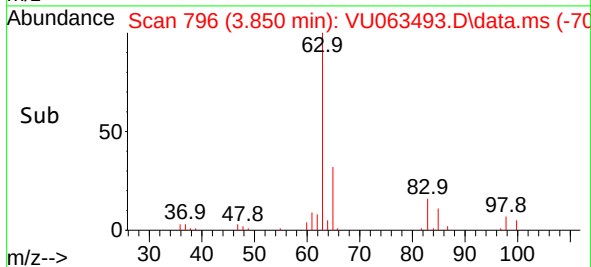
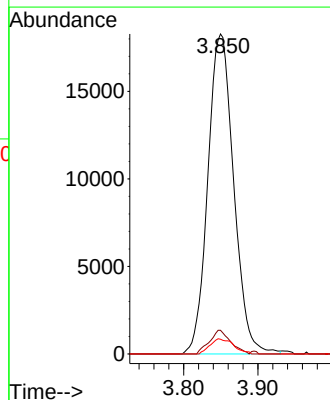
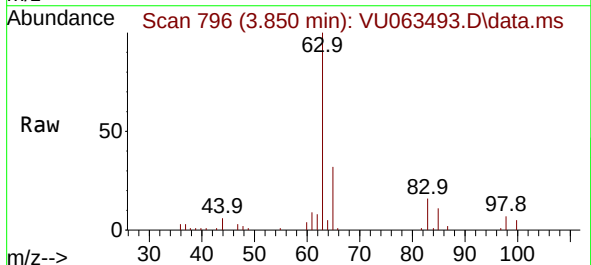
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0711WBSD02

Tgt Ion: 43 Resp: 316732  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 8.2 12.2

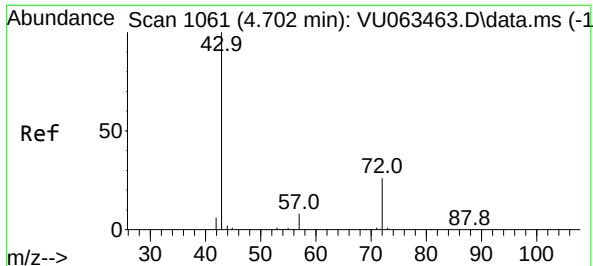


#24  
 1,1-Dichloroethane  
 Concen: 19.883 ug/l  
 RT: 3.850 min Scan# 796  
 Delta R.T. 0.000 min  
 Lab File: VU063493.D  
 Acq: 11 Jul 2025 13:19

Tgt Ion: 63 Resp: 44288  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.6 10.9  
 100 4.6 2.3 6.8







#25

2-Butanone

Concen: 114.902 ug/l

RT: 4.711 min Scan# 1064

Delta R.T. 0.010 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

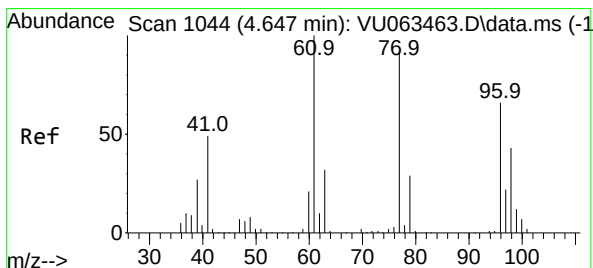
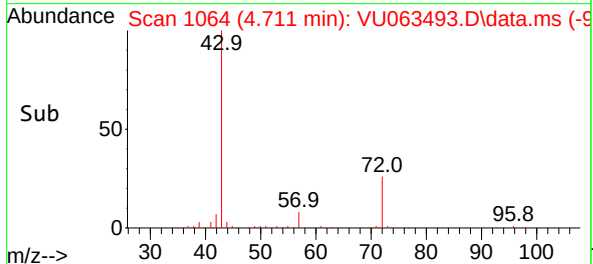
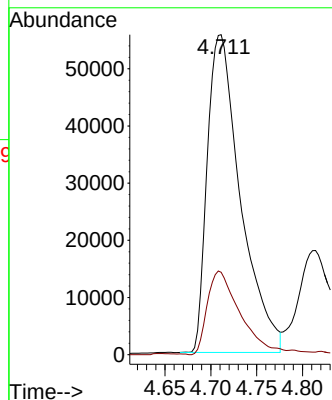
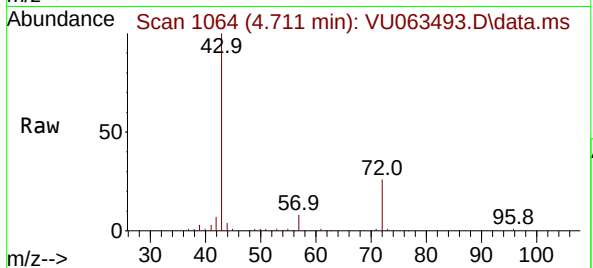
VU0711WBSD02

Tgt Ion: 43 Resp: 140124

Ion Ratio Lower Upper

43 100

72 25.7 20.7 31.1



#26

2,2-Dichloropropane

Concen: 18.955 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063493.D

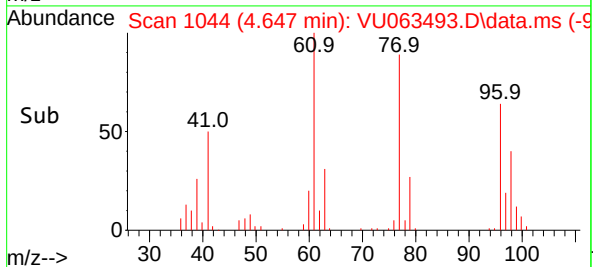
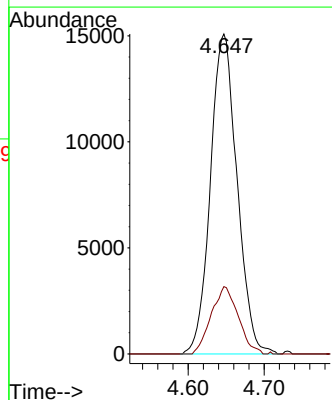
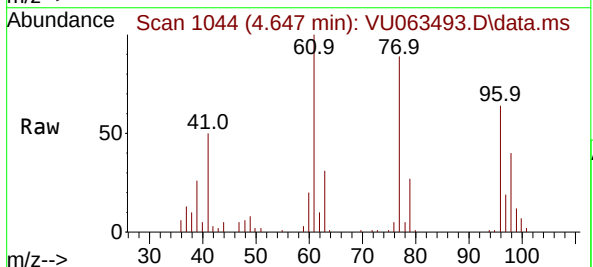
Acq: 11 Jul 2025 13:19

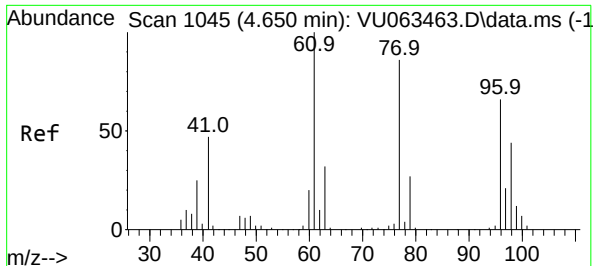
Tgt Ion: 77 Resp: 36734

Ion Ratio Lower Upper

77 100

97 21.3 11.8 35.3

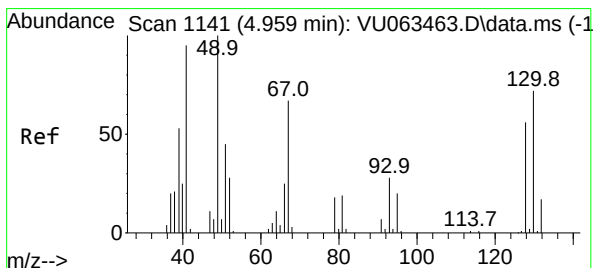
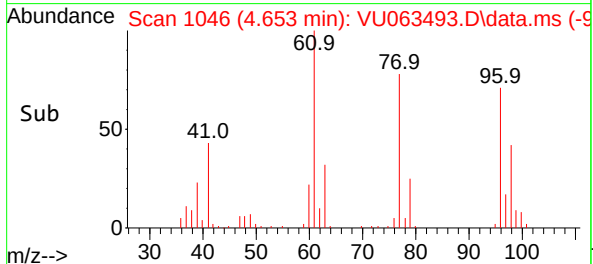
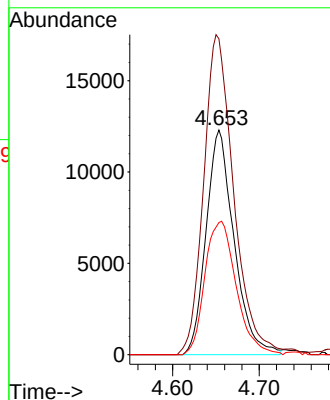
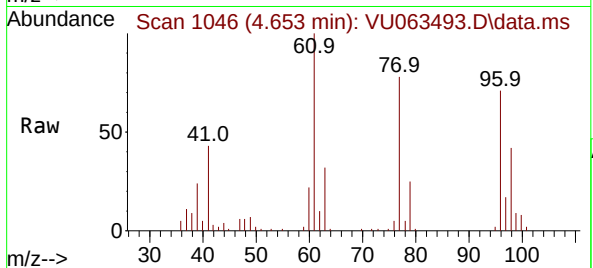




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.124 ug/l  
 RT: 4.653 min Scan# 1046  
 Delta R.T. 0.003 min  
 Lab File: VU063493.D  
 Acq: 11 Jul 2025 13:19

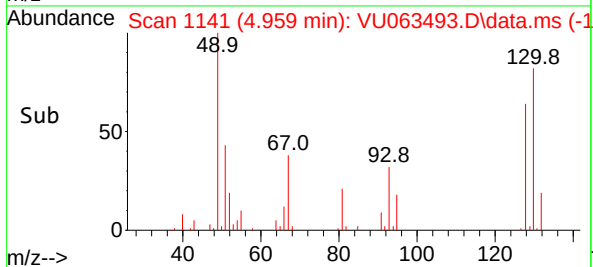
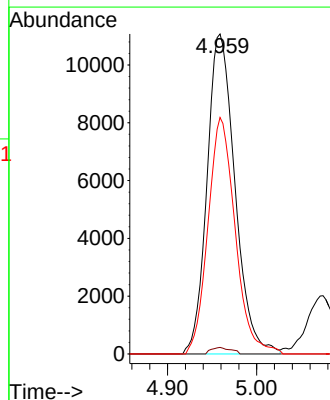
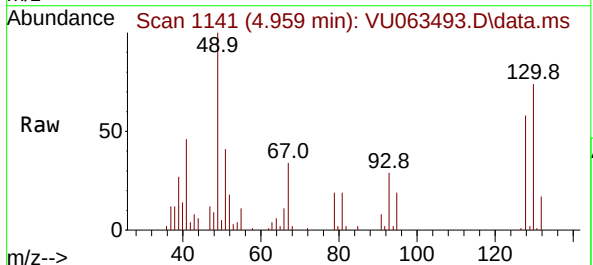
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0711WBSD02

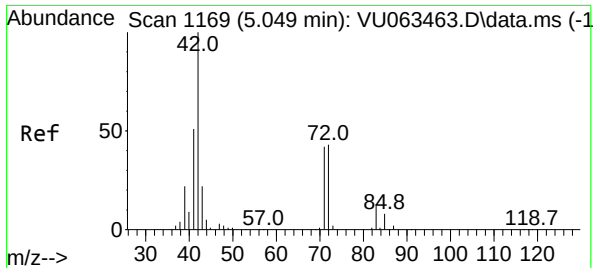
Tgt Ion: 96 Resp: 27636  
 Ion Ratio Lower Upper  
 96 100  
 61 152.9 0.0 307.2  
 98 66.3 0.0 133.0



#28  
 Bromochloromethane  
 Concen: 23.072 ug/l  
 RT: 4.959 min Scan# 1141  
 Delta R.T. 0.000 min  
 Lab File: VU063493.D  
 Acq: 11 Jul 2025 13:19

Tgt Ion: 49 Resp: 24141  
 Ion Ratio Lower Upper  
 49 100  
 129 1.4 0.0 3.8  
 130 72.0 59.0 88.4

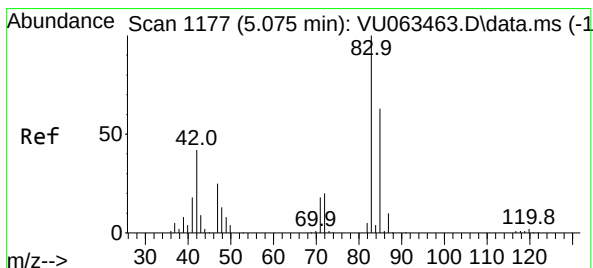
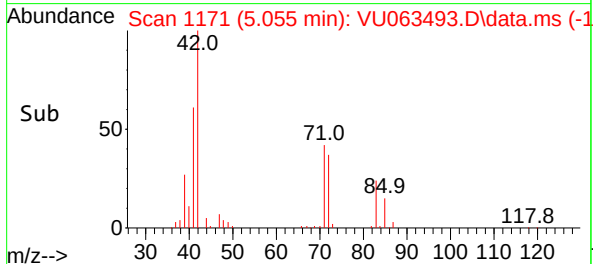
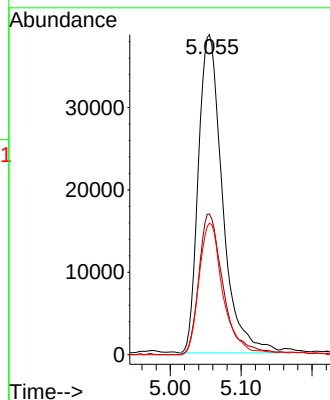
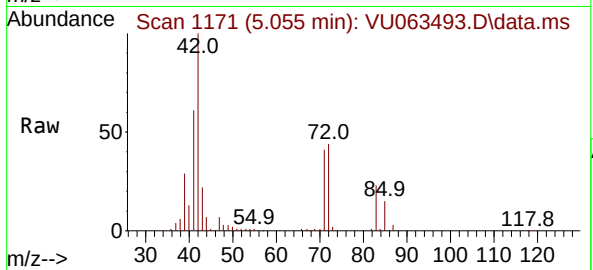




#29  
Tetrahydrofuran  
Concen: 119.064 ug/l  
RT: 5.055 min Scan# 1171  
Delta R.T. 0.006 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

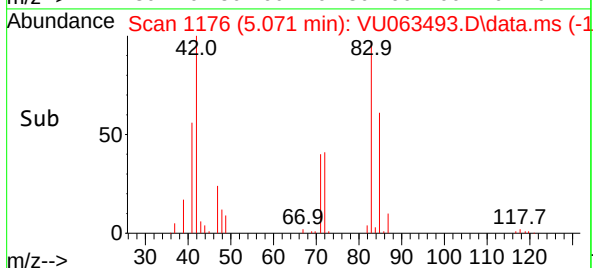
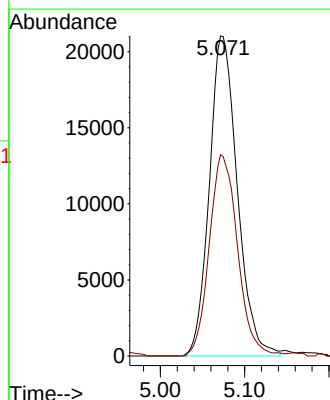
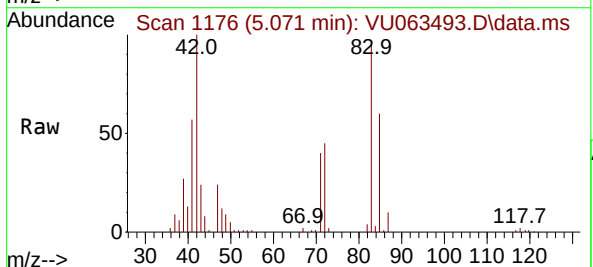
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

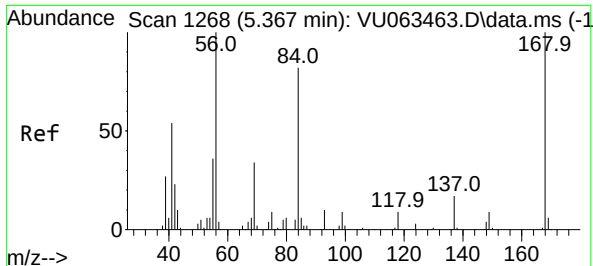
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 91594 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 44.7  | 36.2  | 54.4  |
| 71       | 41.5  | 33.3  | 49.9  |



#30  
Chloroform  
Concen: 20.653 ug/l  
RT: 5.071 min Scan# 1176  
Delta R.T. -0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 48569 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.9  | 50.7  | 76.1  |

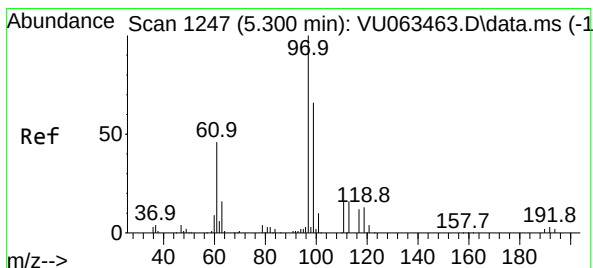
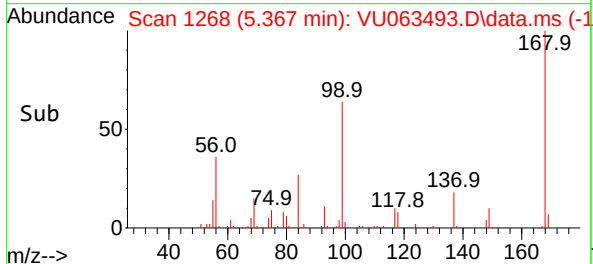
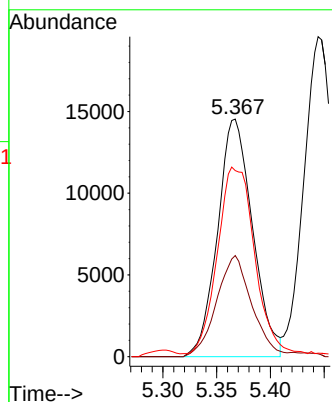
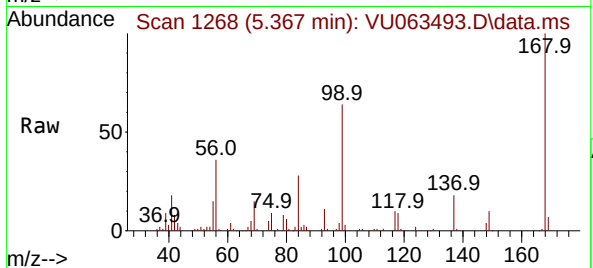




#31  
Cyclohexane  
Concen: 18.365 ug/l  
RT: 5.367 min Scan# 1268  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

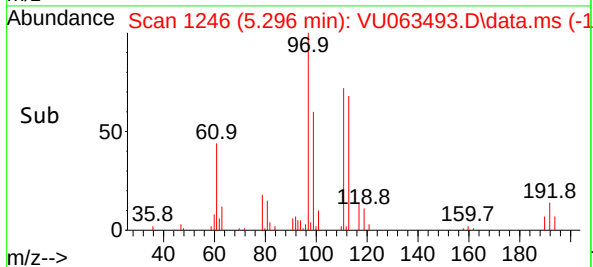
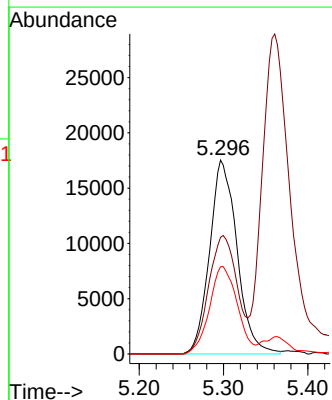
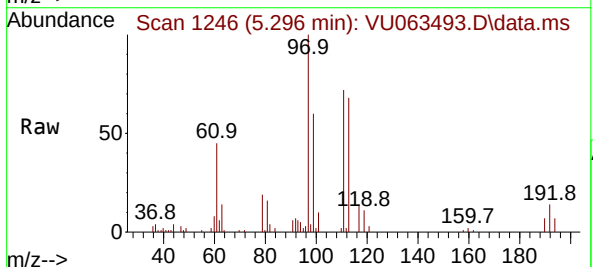
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

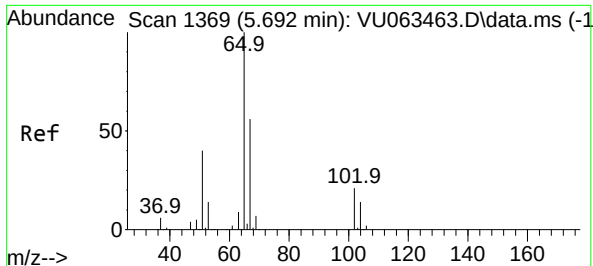
Tgt Ion: 56 Resp: 32885  
Ion Ratio Lower Upper  
56 100  
69 42.5 27.0 40.4#  
84 77.1 65.7 98.5



#32  
1,1,1-Trichloroethane  
Concen: 19.781 ug/l  
RT: 5.296 min Scan# 1246  
Delta R.T. -0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 97 Resp: 39610  
Ion Ratio Lower Upper  
97 100  
99 63.4 50.4 75.6  
61 45.8 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 57.309 ug/l

RT: 5.692 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

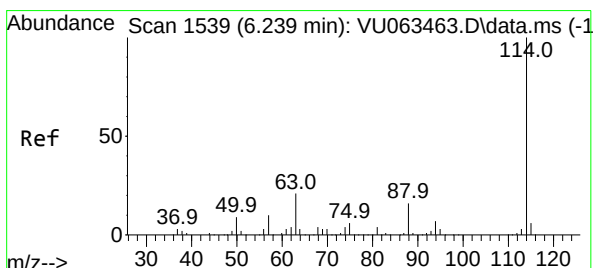
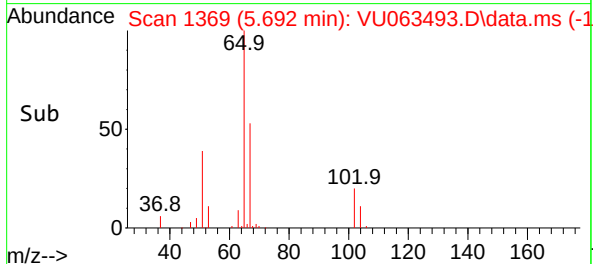
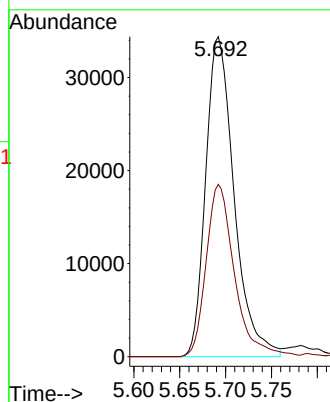
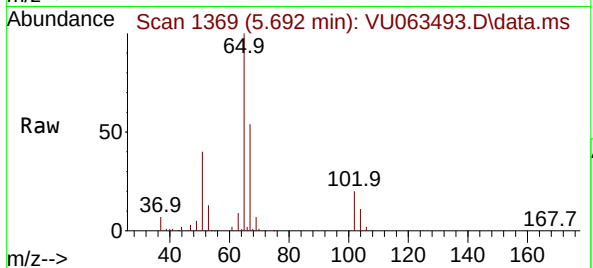
VU0711WBSD02

Tgt Ion: 65 Resp: 74215

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.239 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

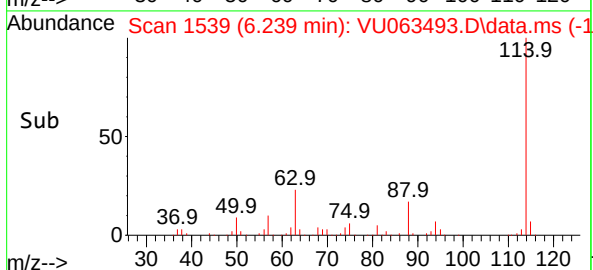
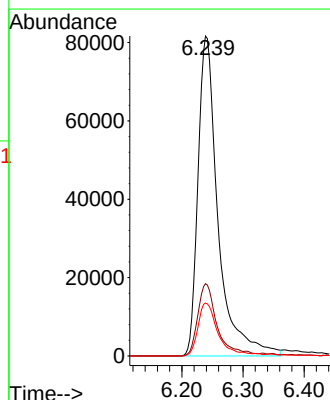
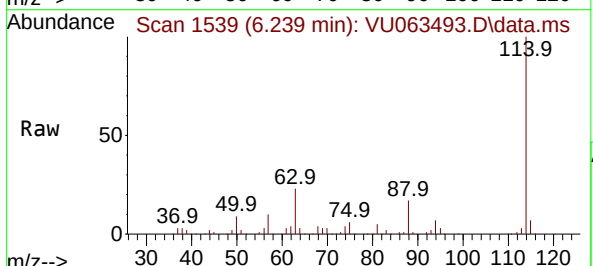
Tgt Ion: 114 Resp: 186632

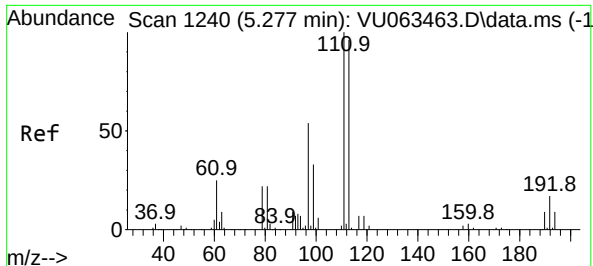
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.6

88 16.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.390 ug/l

RT: 5.277 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0711WBSD02

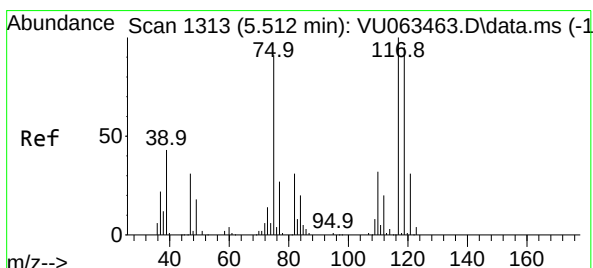
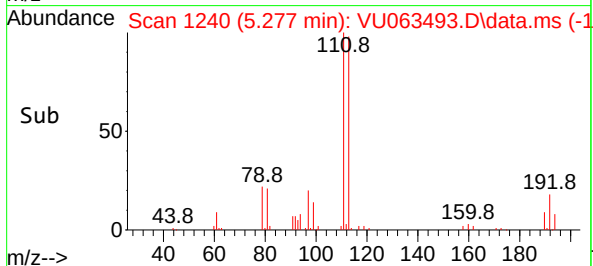
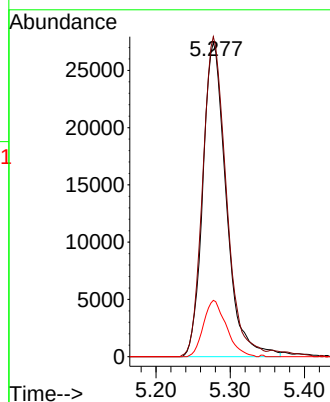
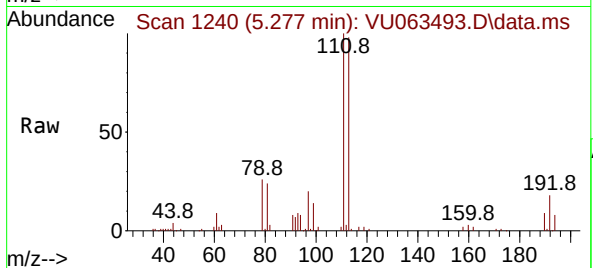
Tgt Ion:113 Resp: 60063

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

192 17.6 14.3 21.5



#36

1,1-Dichloropropene

Concen: 18.587 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

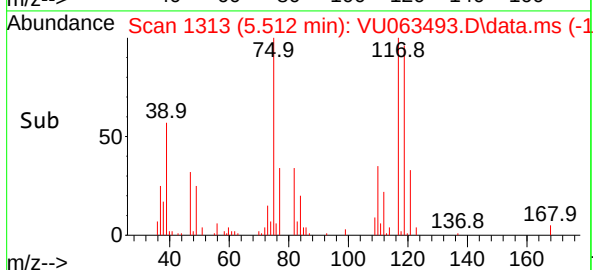
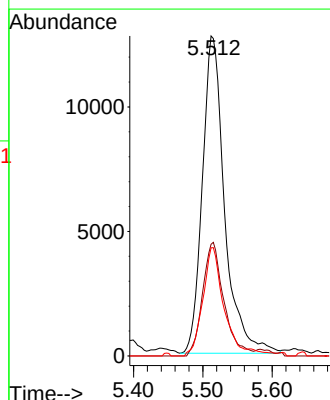
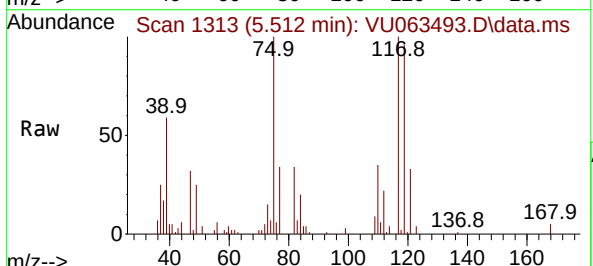
Tgt Ion: 75 Resp: 28413

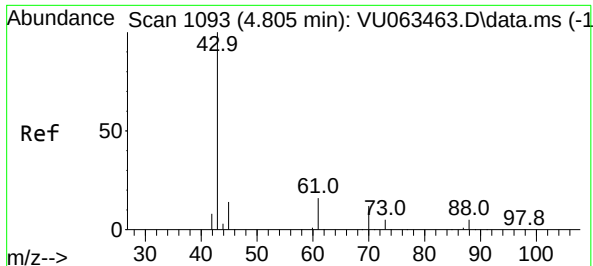
Ion Ratio Lower Upper

75 100

110 34.3 17.3 52.0

77 31.5 23.9 35.9





#37

Ethyl Acetate

Concen: 17.773 ug/l

RT: 4.814 min Scan# 1096

Delta R.T. 0.010 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0711WBSD02

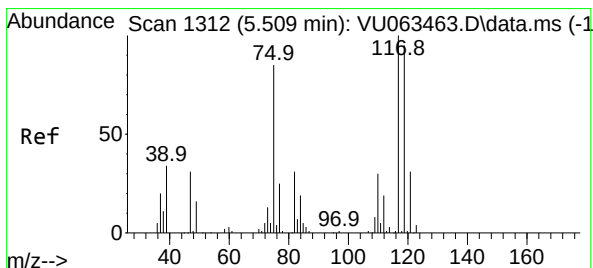
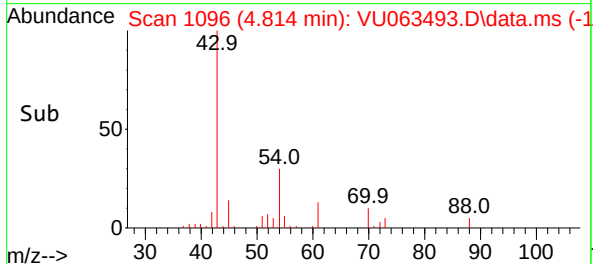
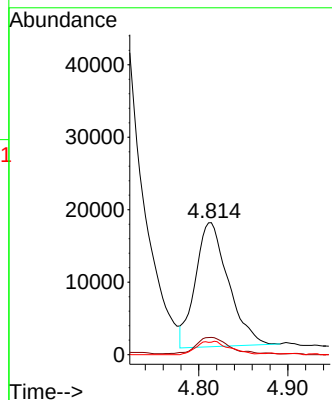
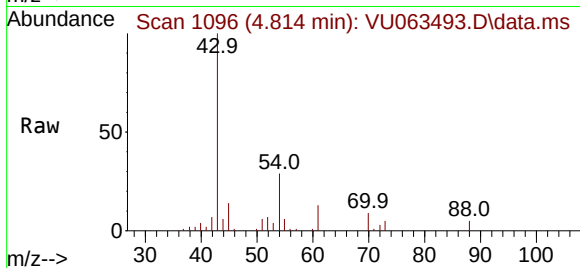
Tgt Ion: 43 Resp: 43998

Ion Ratio Lower Upper

43 100

61 12.0 10.4 15.6

70 4.4 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 17.175 ug/l

RT: 5.509 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

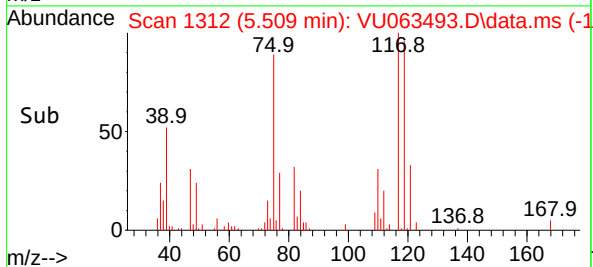
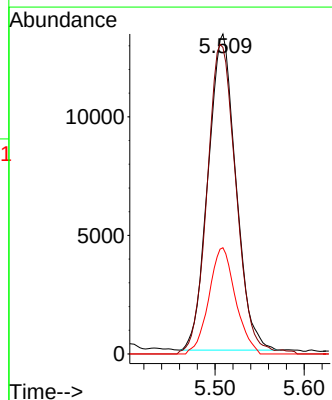
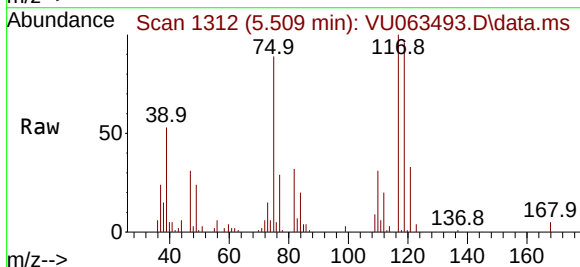
Tgt Ion: 117 Resp: 28928

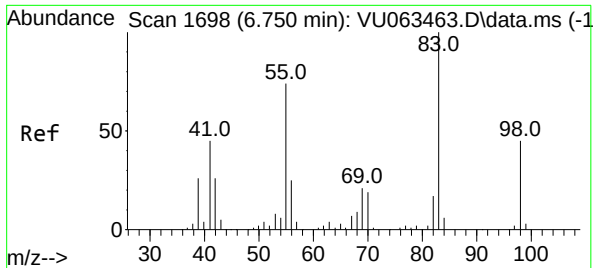
Ion Ratio Lower Upper

117 100

119 96.0 76.1 114.1

121 33.6 25.0 37.4





#39

Methylcyclohexane

Concen: 17.014 ug/l

RT: 6.750 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0711WBSD02

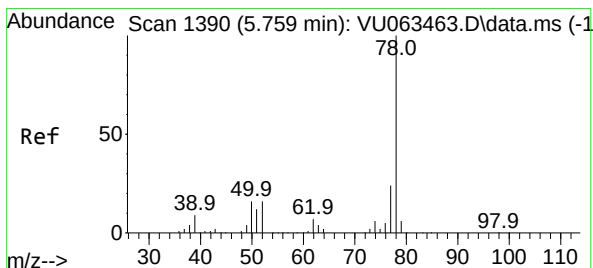
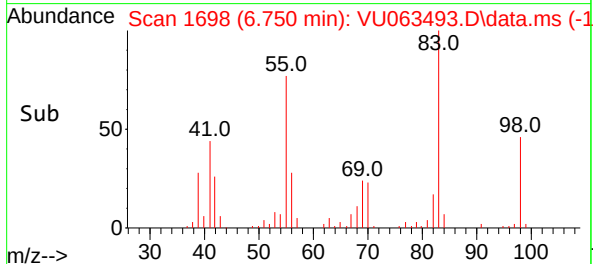
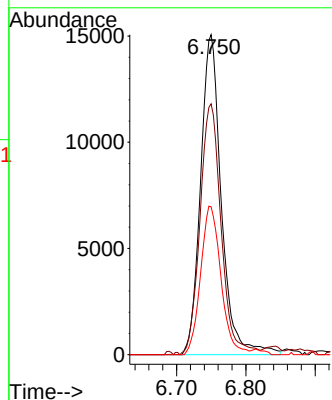
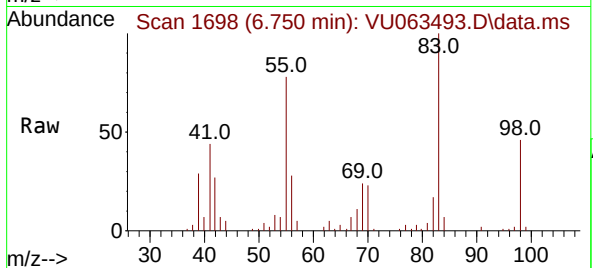
Tgt Ion: 83 Resp: 31425

Ion Ratio Lower Upper

83 100

55 78.4 59.4 89.2

98 46.3 36.2 54.4



#40

Benzene

Concen: 19.369 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VU063493.D

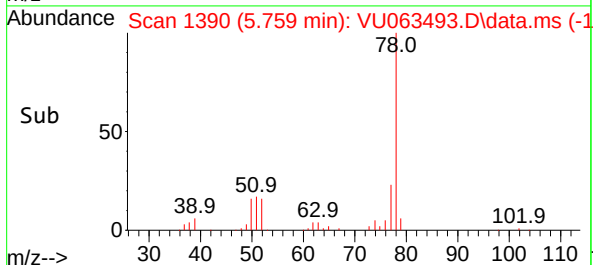
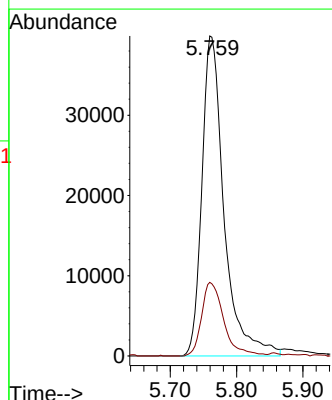
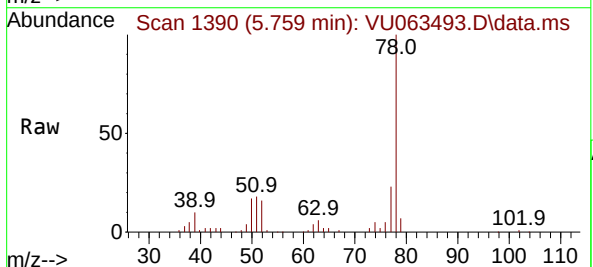
Acq: 11 Jul 2025 13:19

Tgt Ion: 78 Resp: 92464

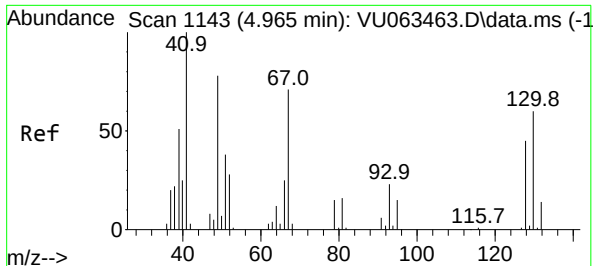
Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.4





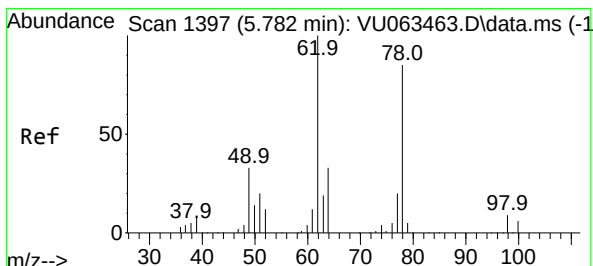
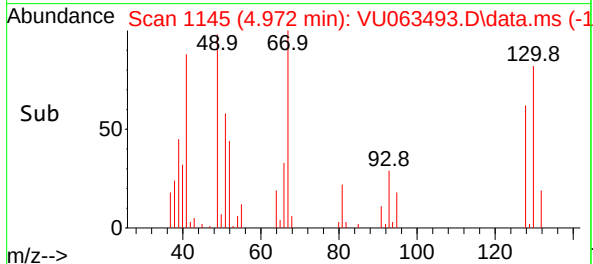
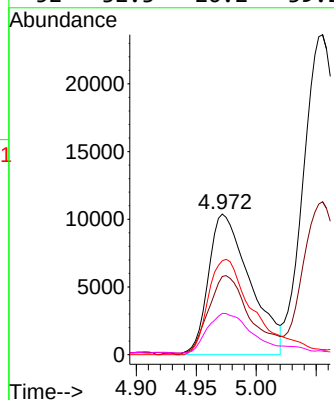
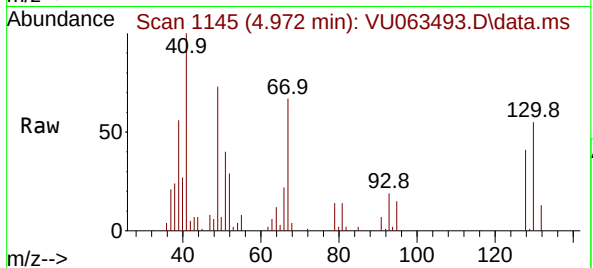


#41  
Methacrylonitrile  
Concen: 21.471 ug/l  
RT: 4.972 min Scan# 1145  
Delta R.T. 0.006 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

Tgt Ion: 41 Resp: 25081

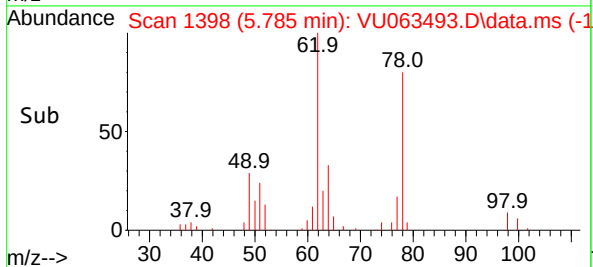
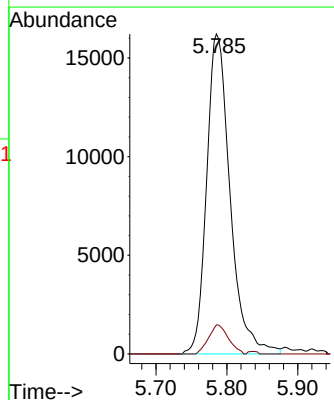
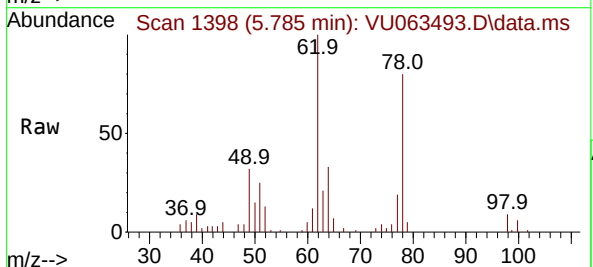
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.1  | 43.6  | 65.4  |
| 67  | 75.3  | 62.8  | 94.2  |
| 52  | 32.3  | 26.2  | 39.2  |

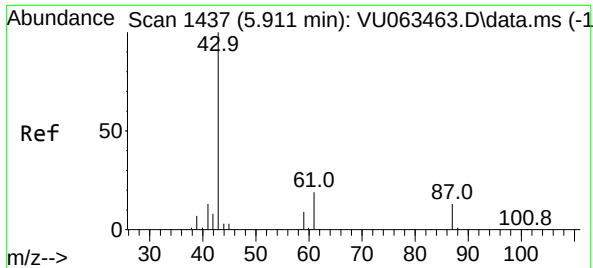


#42  
1,2-Dichloroethane  
Concen: 20.765 ug/l  
RT: 5.785 min Scan# 1398  
Delta R.T. 0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 62 Resp: 37274

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 7.7   | 0.0   | 17.6  |

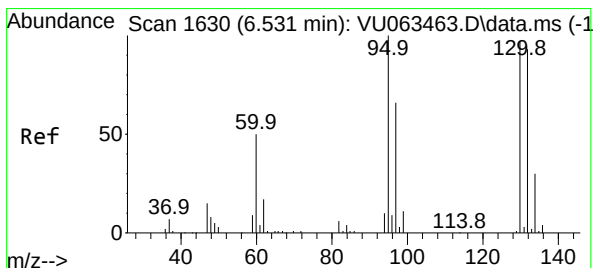
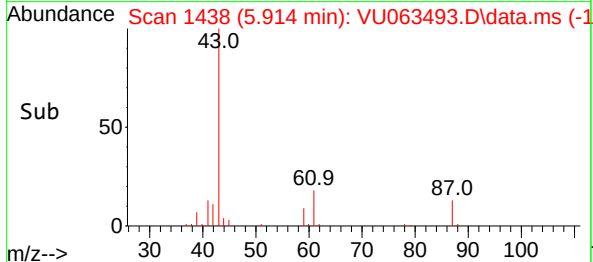
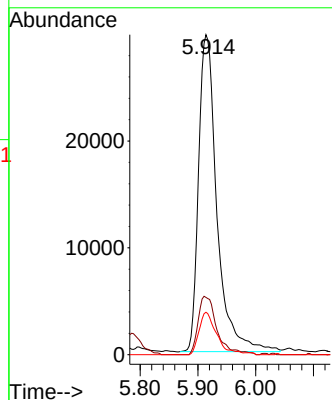
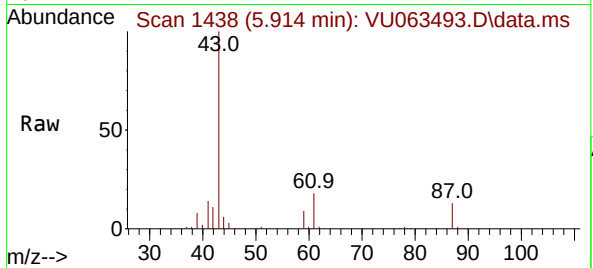




#43  
Isopropyl Acetate  
Concen: 19.962 ug/l  
RT: 5.914 min Scan# 1437  
Delta R.T. 0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

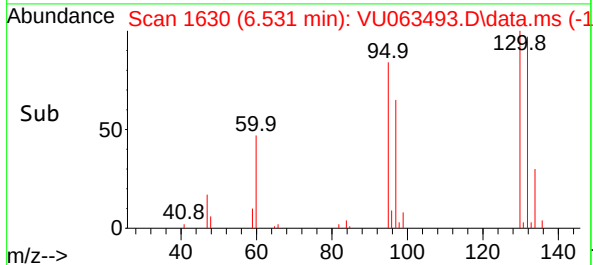
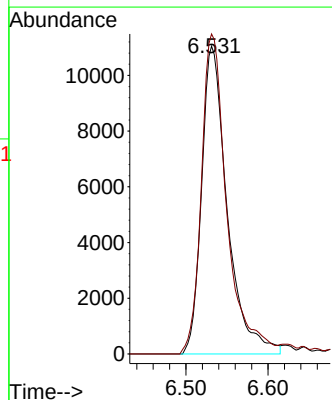
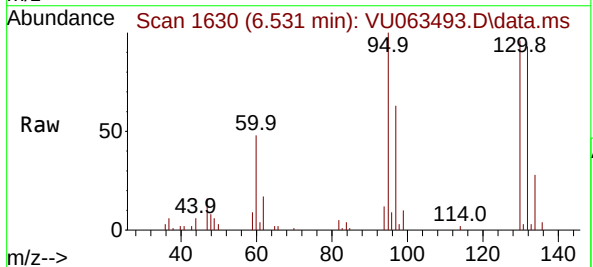
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

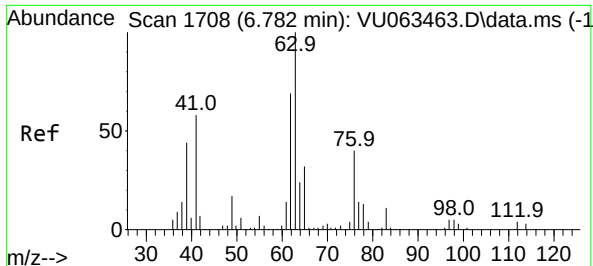
Tgt Ion: 43 Resp: 65641  
Ion Ratio Lower Upper  
43 100  
61 18.7 15.4 23.2  
87 12.8 10.5 15.7



#44  
Trichloroethene  
Concen: 18.817 ug/l  
RT: 6.531 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 130 Resp: 24039  
Ion Ratio Lower Upper  
130 100  
95 104.0 0.0 206.4





#45

1,2-Dichloropropane

Concen: 19.920 ug/l

RT: 6.782 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

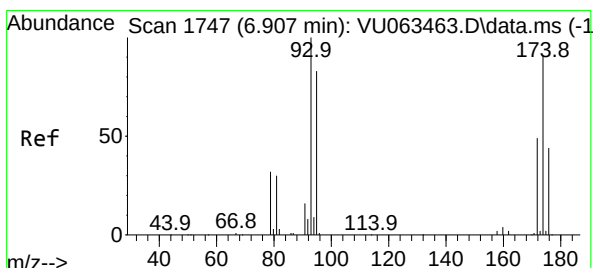
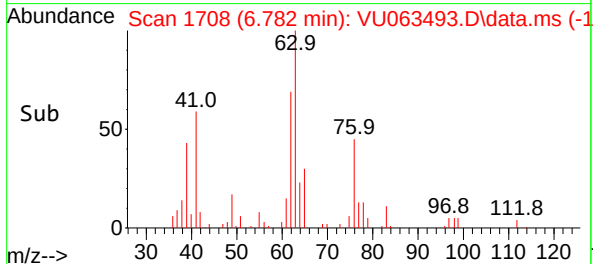
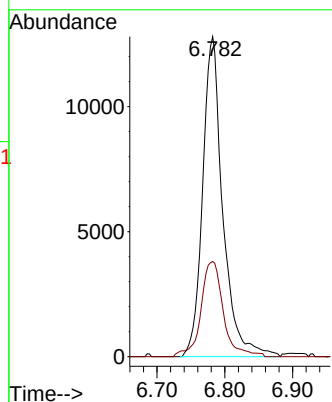
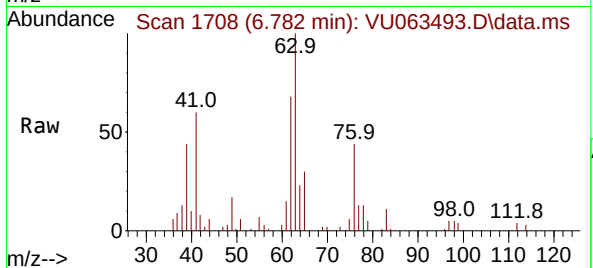
VU0711WBSD02

Tgt Ion: 63 Resp: 26436

Ion Ratio Lower Upper

63 100

65 29.8 25.3 37.9



#46

Dibromomethane

Concen: 20.748 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

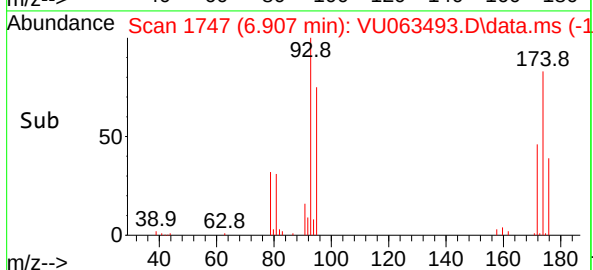
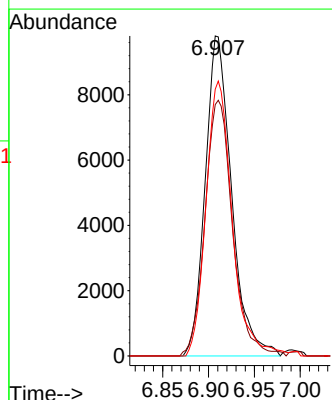
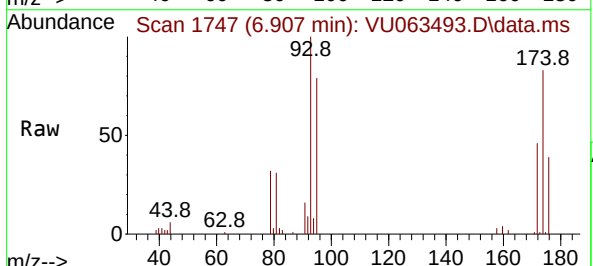
Tgt Ion: 93 Resp: 19591

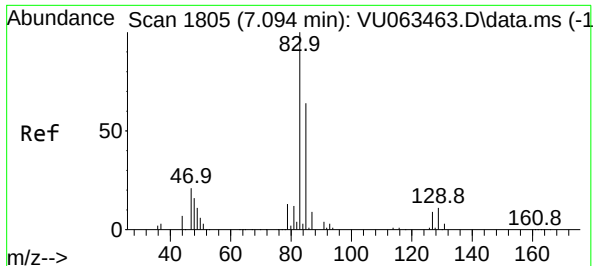
Ion Ratio Lower Upper

93 100

95 83.3 67.5 101.3

174 85.5 73.1 109.7

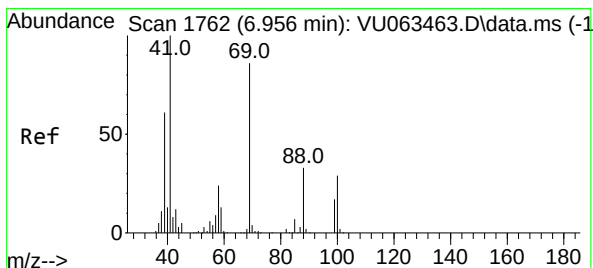
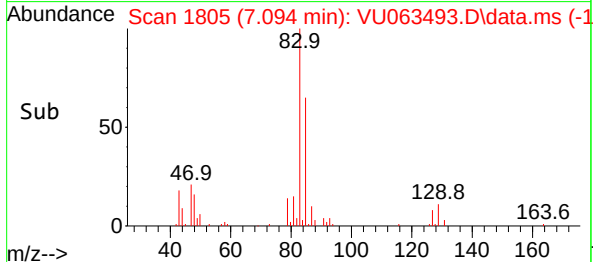
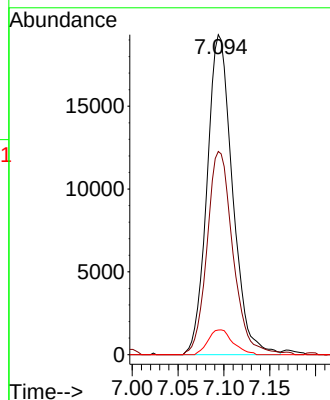
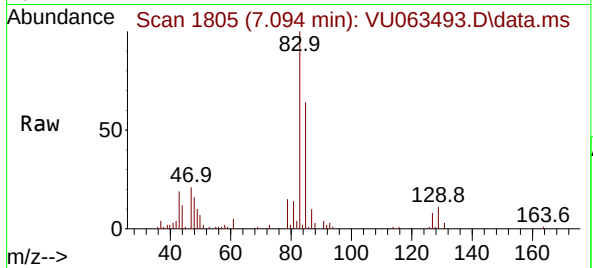




#47  
Bromodichloromethane  
Concen: 19.028 ug/l  
RT: 7.094 min Scan# 1805  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

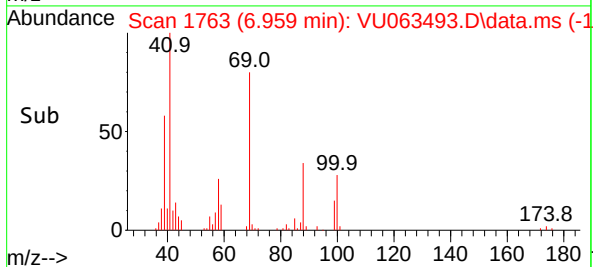
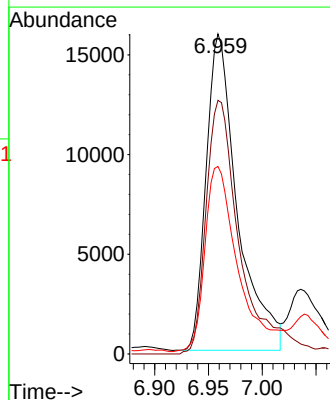
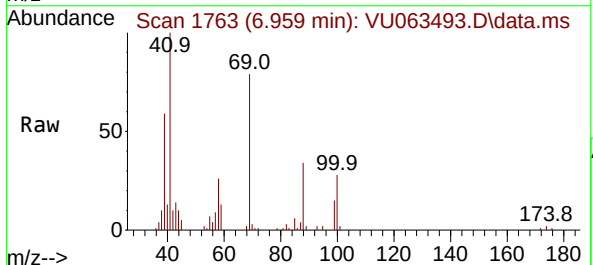
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

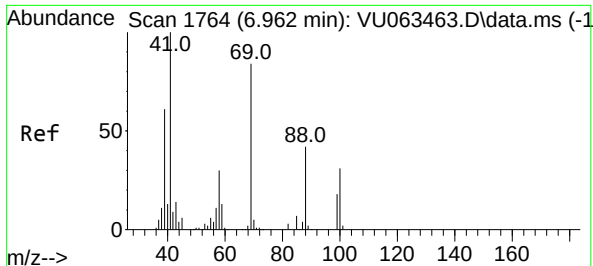
Tgt Ion: 83 Resp: 37360  
Ion Ratio Lower Upper  
83 100  
85 63.5 51.4 77.0  
127 7.7 7.0 10.4



#48  
Methyl methacrylate  
Concen: 21.136 ug/l  
RT: 6.959 min Scan# 1763  
Delta R.T. 0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 41 Resp: 32123  
Ion Ratio Lower Upper  
41 100  
69 86.6 69.8 104.8  
39 62.2 48.3 72.5





#49

1,4-Dioxane

Concen: 419.521 ug/l

RT: 6.968 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0711WBSD02

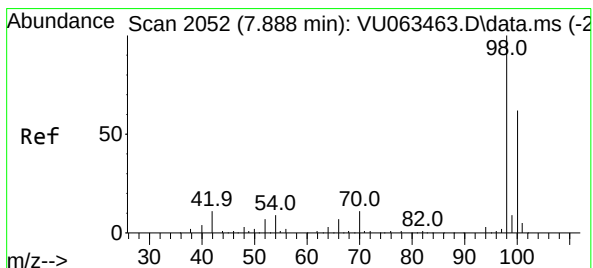
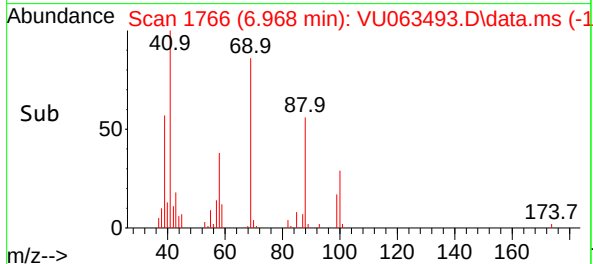
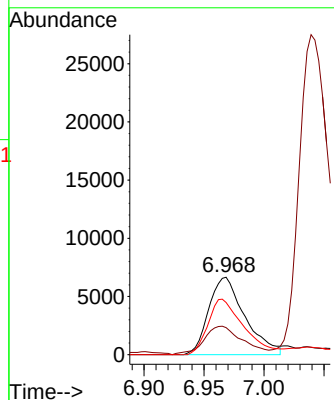
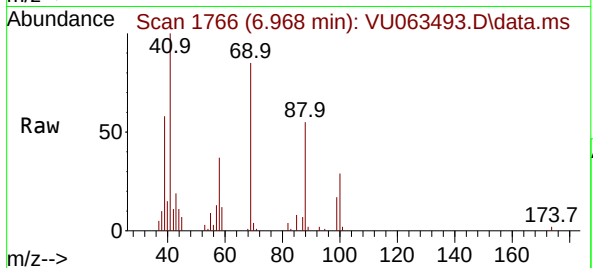
Tgt Ion: 88 Resp: 13991

Ion Ratio Lower Upper

88 100

43 38.8 25.6 38.4#

58 71.4 55.0 82.6



#50

Toluene-d8

Concen: 53.005 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. 0.000 min

Lab File: VU063493.D

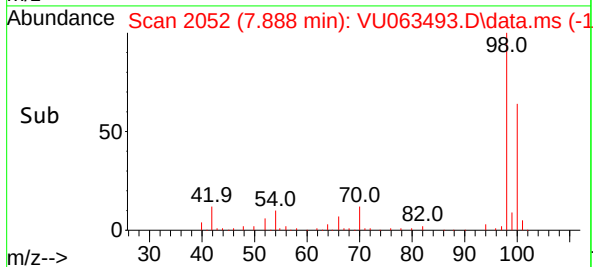
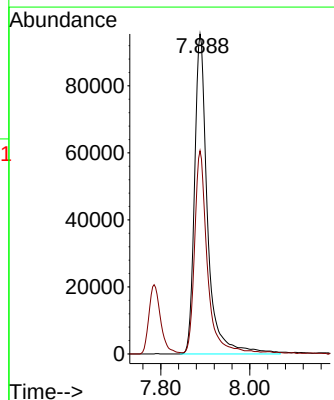
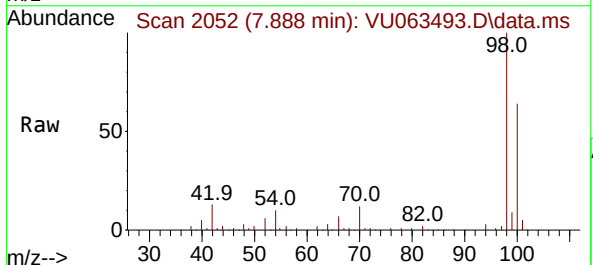
Acq: 11 Jul 2025 13:19

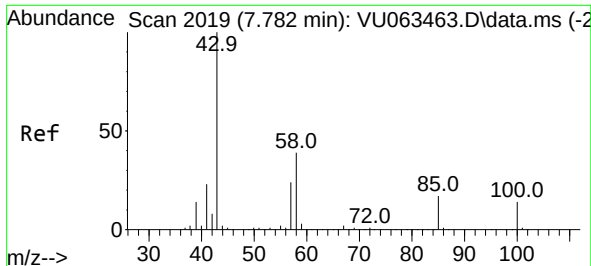
Tgt Ion: 98 Resp: 194373

Ion Ratio Lower Upper

98 100

100 60.6 48.1 72.1





#51

4-Methyl-2-Pentanone

Concen: 115.239 ug/l

RT: 7.785 min Scan# 2019

Delta R.T. 0.003 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

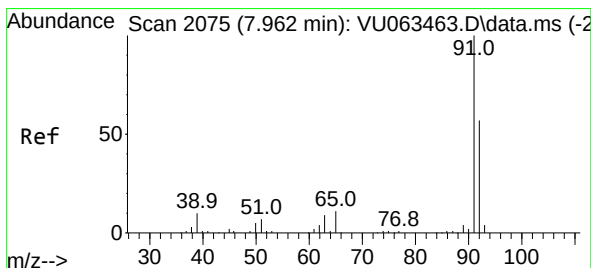
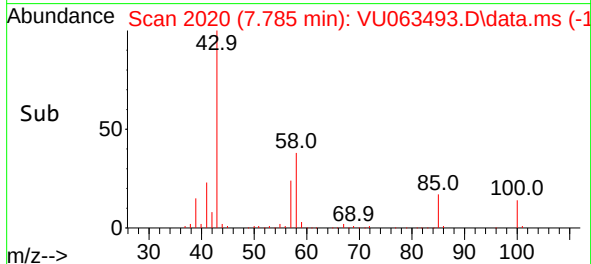
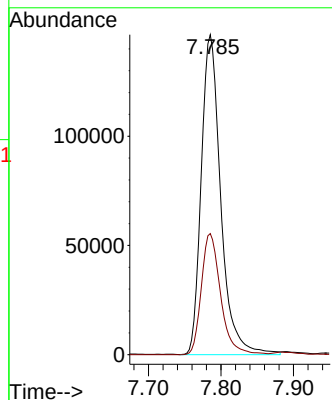
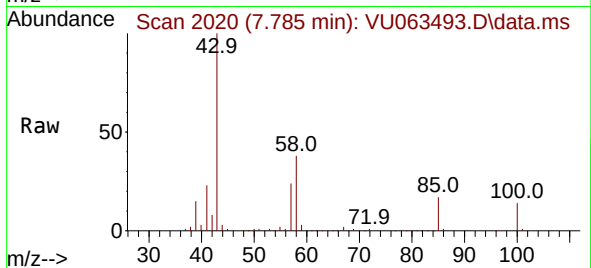
VU0711WBSD02

Tgt Ion: 43 Resp: 274269

Ion Ratio Lower Upper

43 100

58 37.4 31.0 46.4



#52

Toluene

Concen: 18.227 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU063493.D

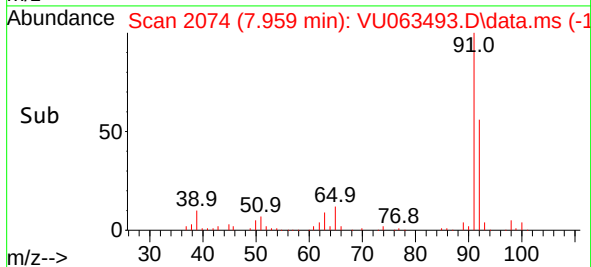
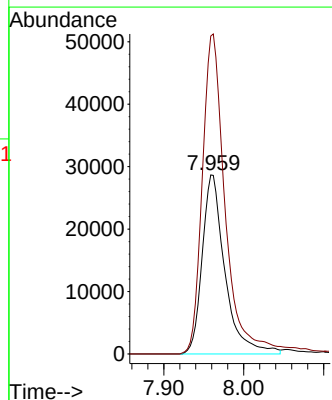
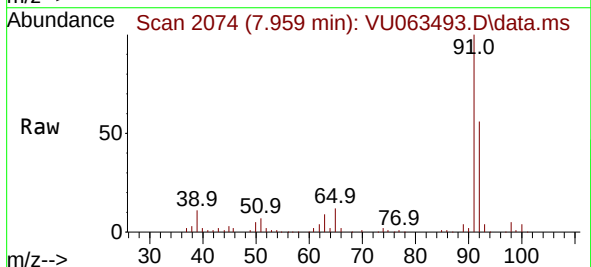
Acq: 11 Jul 2025 13:19

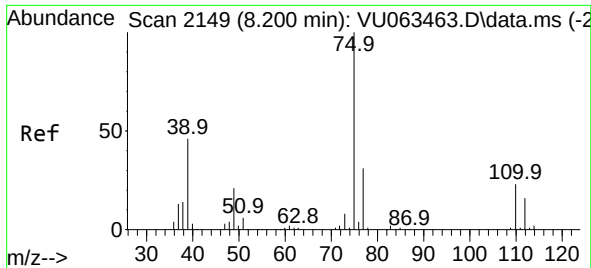
Tgt Ion: 92 Resp: 56914

Ion Ratio Lower Upper

92 100

91 183.2 144.5 216.7

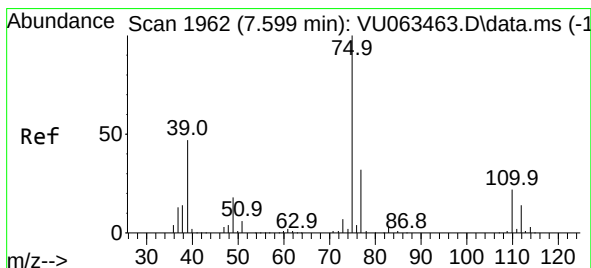
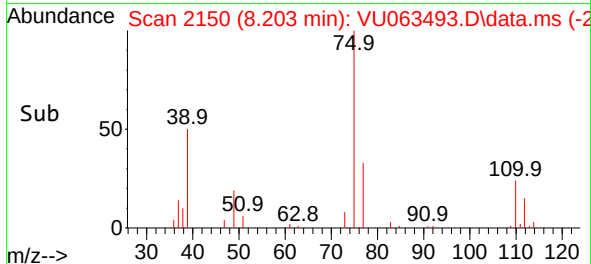
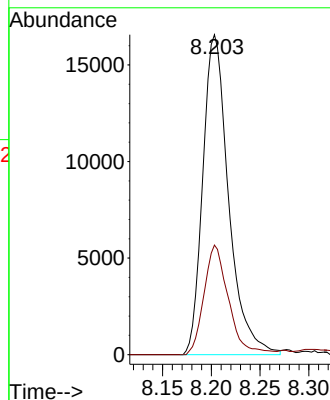
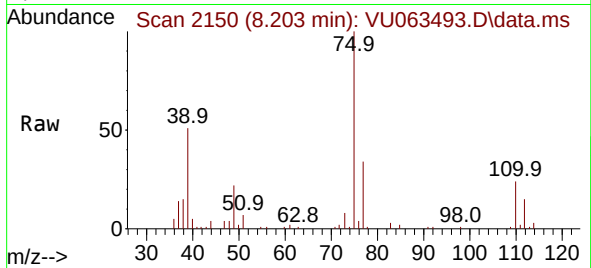




#53  
 t-1,3-Dichloropropene  
 Concen: 17.768 ug/l  
 RT: 8.203 min Scan# 2149  
 Delta R.T. 0.003 min  
 Lab File: VU063493.D  
 Acq: 11 Jul 2025 13:19

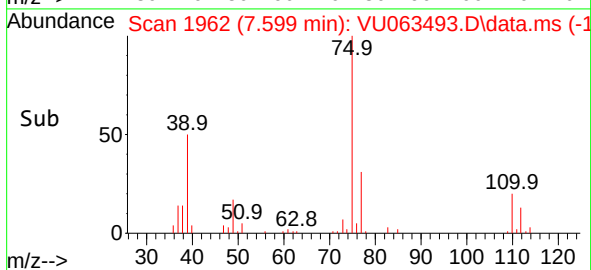
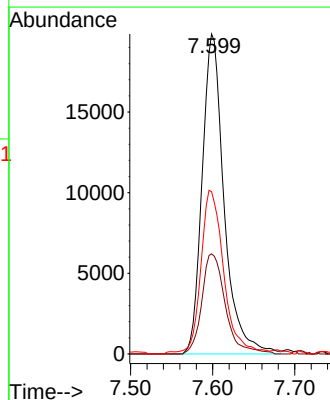
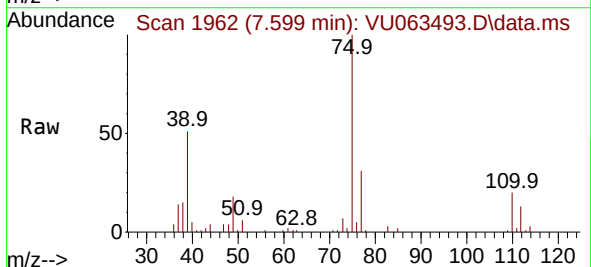
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0711WBSD02

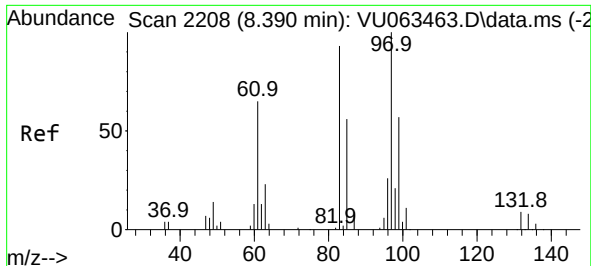
Tgt Ion: 75 Resp: 30527  
 Ion Ratio Lower Upper  
 75 100  
 77 34.2 25.0 37.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.167 ug/l  
 RT: 7.599 min Scan# 1962  
 Delta R.T. 0.000 min  
 Lab File: VU063493.D  
 Acq: 11 Jul 2025 13:19

Tgt Ion: 75 Resp: 36864  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.4 38.0  
 39 49.9 37.2 55.8

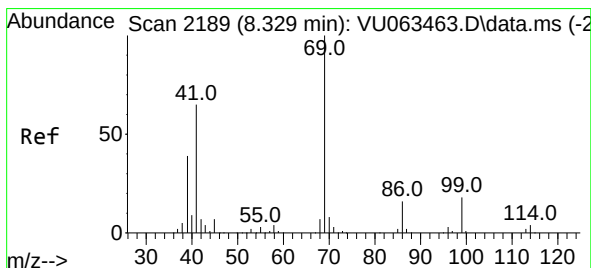
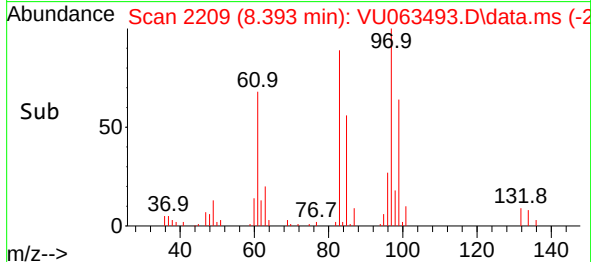
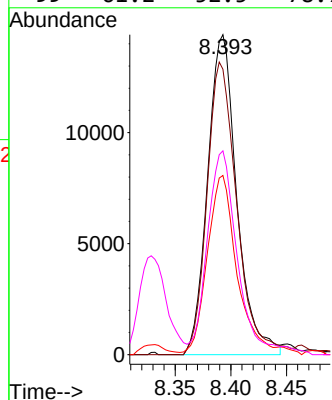
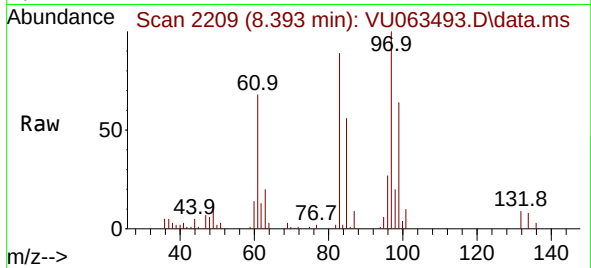




#55  
1,1,2-Trichloroethane  
Concen: 19.799 ug/l  
RT: 8.393 min Scan# 2189  
Delta R.T. 0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

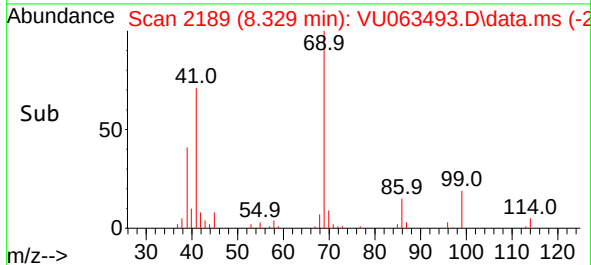
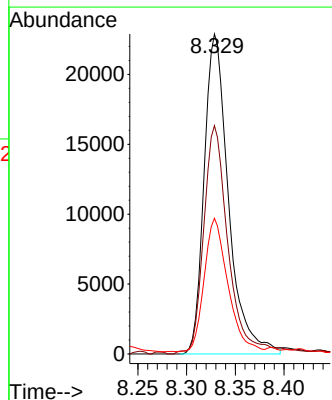
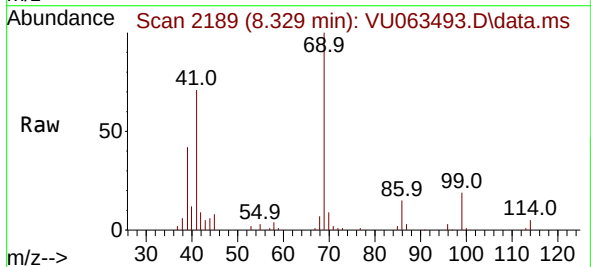
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 26255 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 89.2     | 74.2 111.4  |
| 85 55.3     | 45.8 68.8   |
| 99 61.2     | 52.5 78.7   |

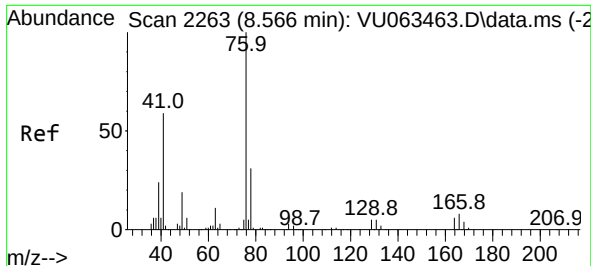


#56  
Ethyl methacrylate  
Concen: 18.622 ug/l  
RT: 8.329 min Scan# 2189  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 39834 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 72.5     | 53.0 79.6   |
| 39 40.3     | 31.0 46.4   |







#57

1,3-Dichloropropane

Concen: 19.569 ug/l

RT: 8.566 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

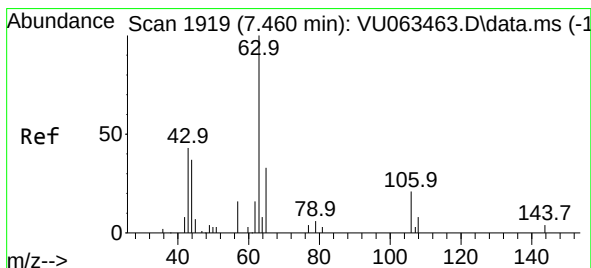
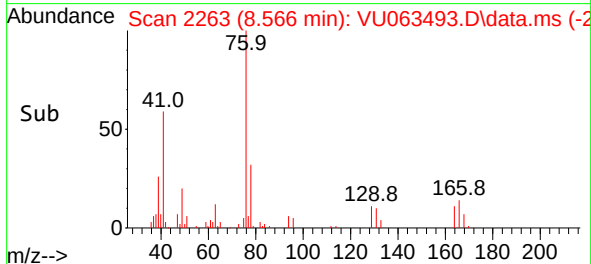
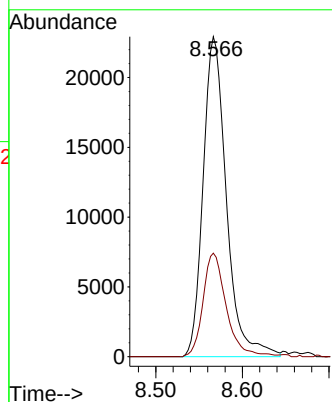
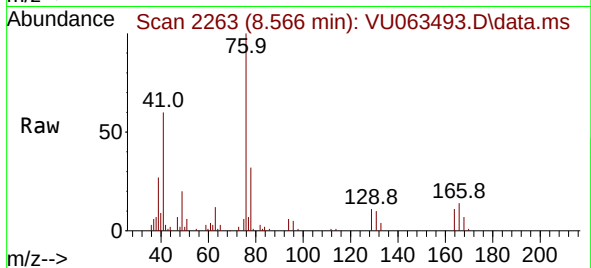
VU0711WBSD02

Tgt Ion: 76 Resp: 42775

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 110.658 ug/l

RT: 7.464 min Scan# 1920

Delta R.T. 0.004 min

Lab File: VU063493.D

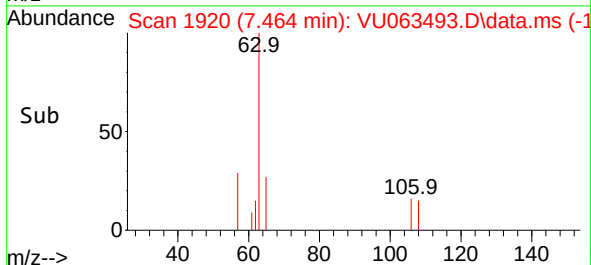
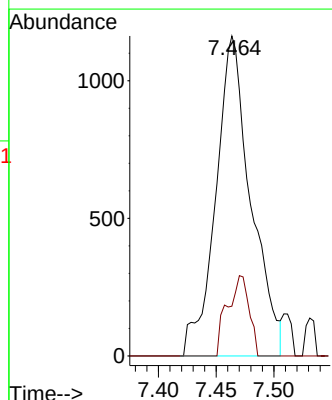
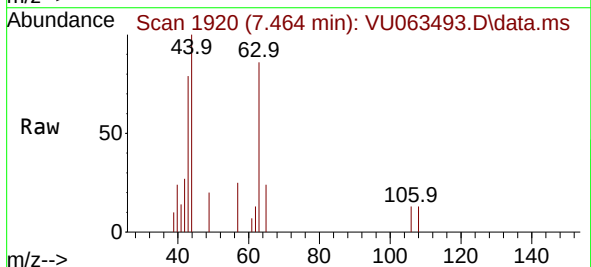
Acq: 11 Jul 2025 13:19

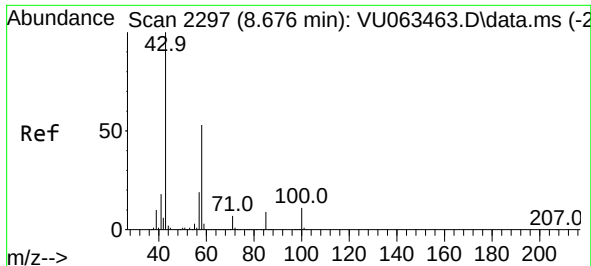
Tgt Ion: 63 Resp: 2458

Ion Ratio Lower Upper

63 100

106 15.4 11.5 17.3

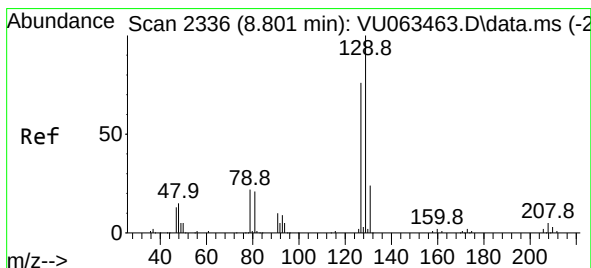
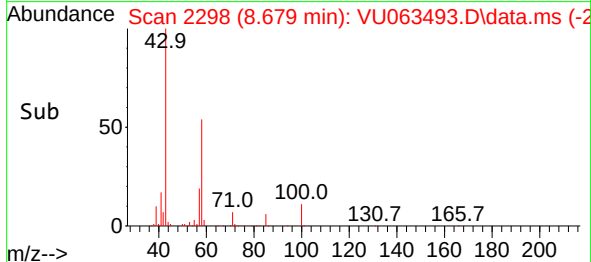
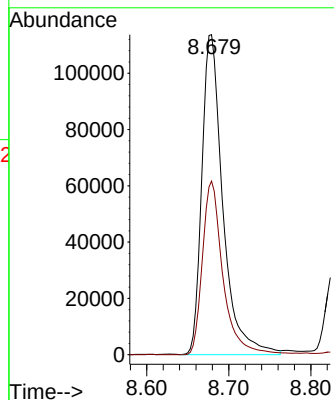
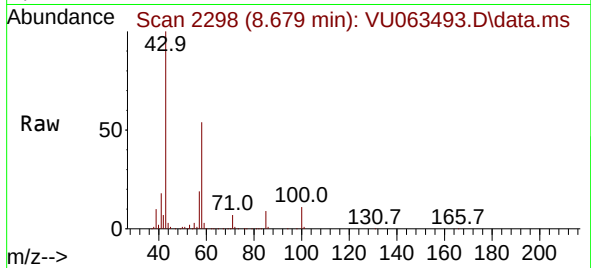




#59  
2-Hexanone  
Concen: 112.564 ug/l  
RT: 8.679 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

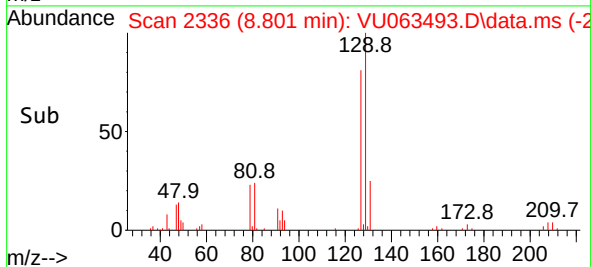
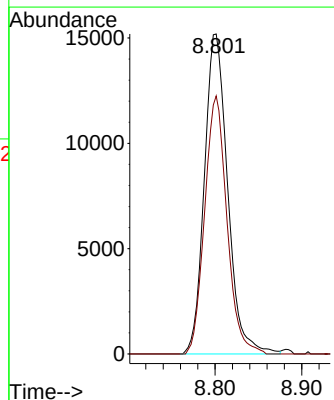
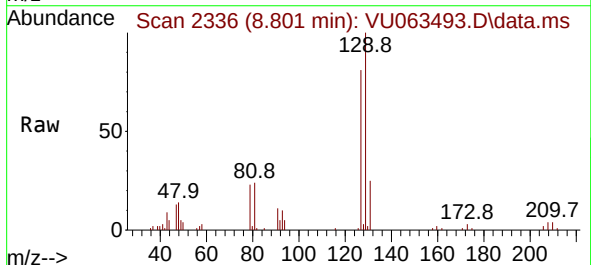
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

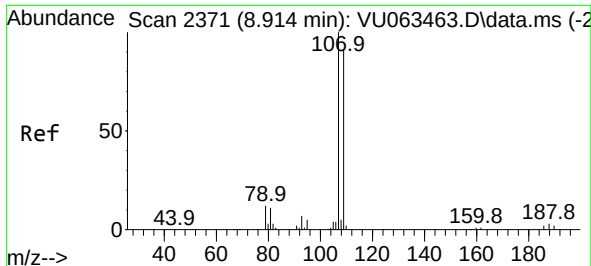
Tgt Ion: 43 Resp: 202630  
Ion Ratio Lower Upper  
43 100  
58 53.1 26.9 80.7



#60  
Dibromochloromethane  
Concen: 19.130 ug/l  
RT: 8.801 min Scan# 2336  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 129 Resp: 28418  
Ion Ratio Lower Upper  
129 100  
127 77.2 39.1 117.2

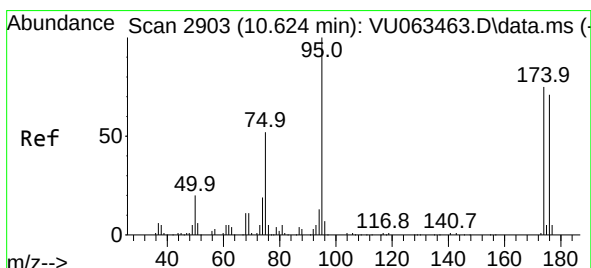
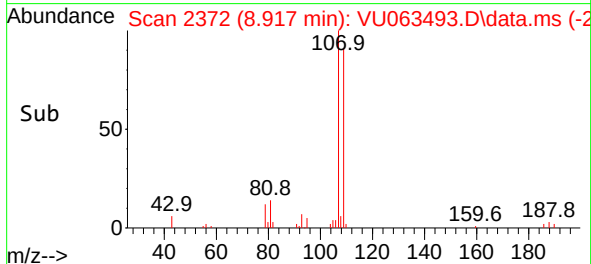
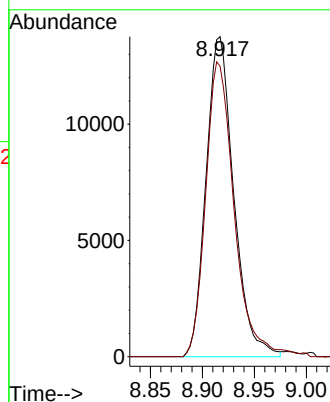
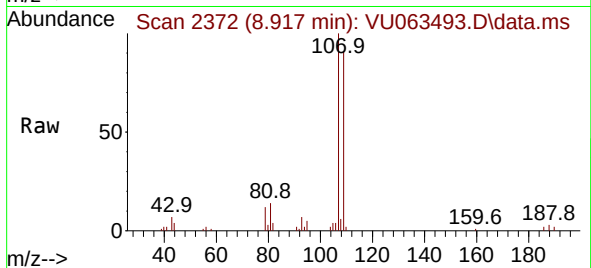




#61  
1,2-Dibromoethane  
Concen: 19.622 ug/l  
RT: 8.917 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

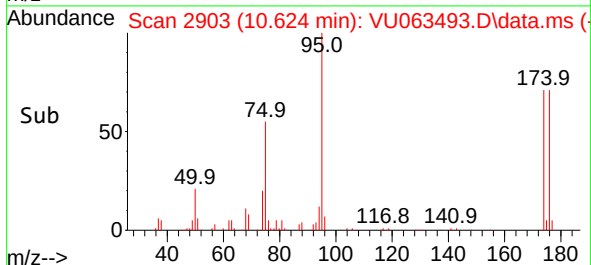
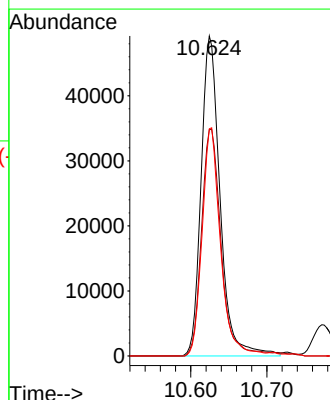
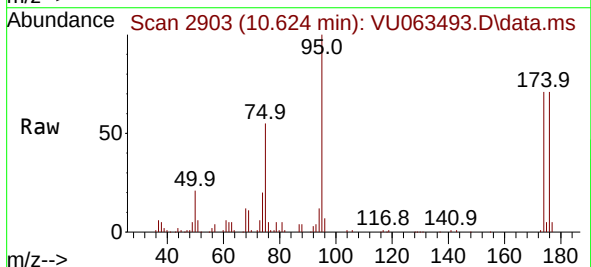
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

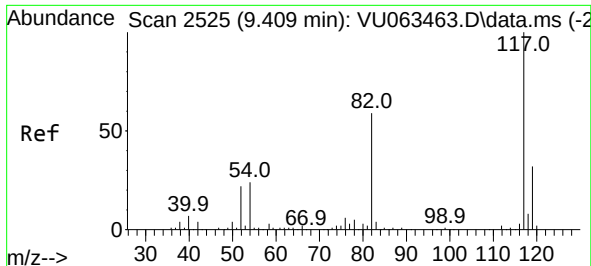
Tgt Ion:107 Resp: 25539  
Ion Ratio Lower Upper  
107 100  
109 95.1 73.7 110.5



#62  
4-Bromofluorobenzene  
Concen: 53.142 ug/l  
RT: 10.624 min Scan# 2903  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 95 Resp: 85240  
Ion Ratio Lower Upper  
95 100  
174 73.0 0.0 153.6  
176 69.1 0.0 145.8

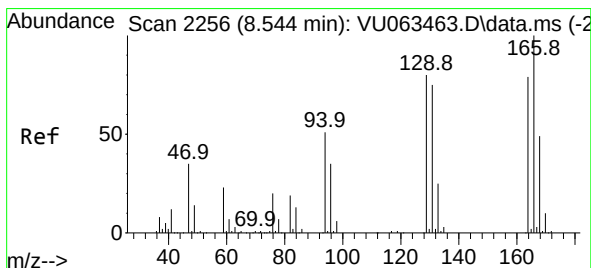
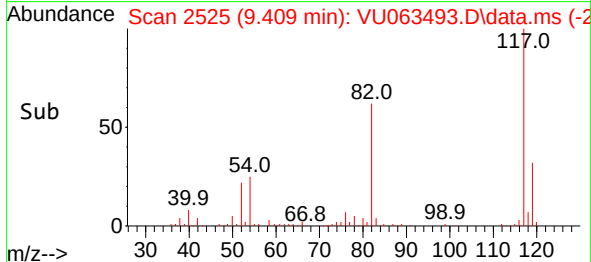
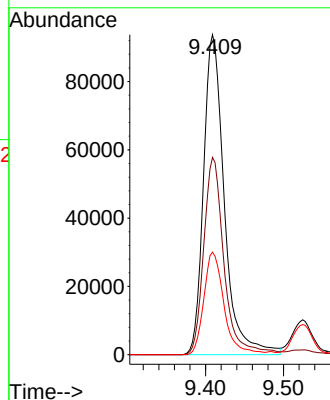
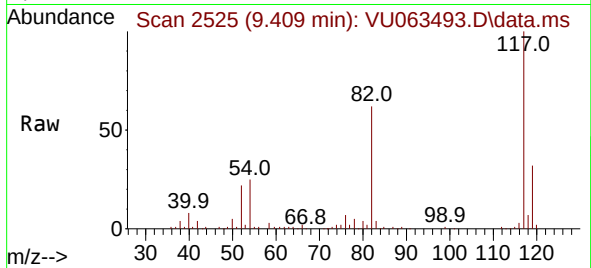




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.409 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

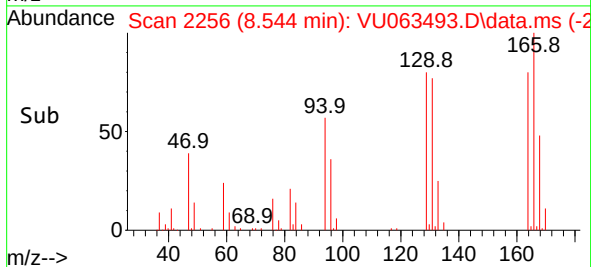
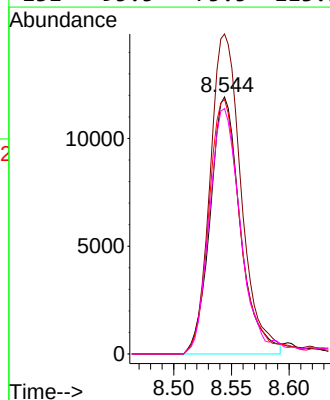
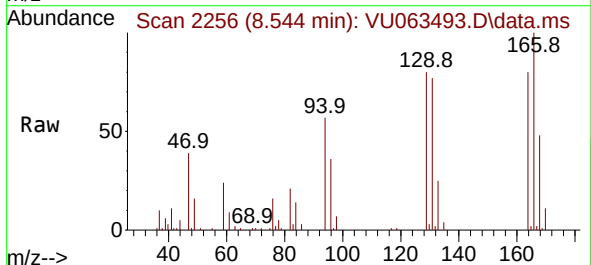
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

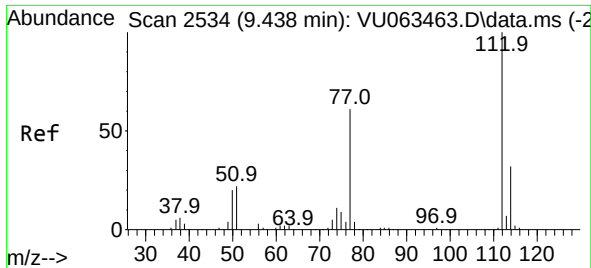
Tgt Ion:117 Resp: 173844  
Ion Ratio Lower Upper  
117 100  
82 61.7 47.1 70.7  
119 32.1 25.4 38.0



#64  
Tetrachloroethene  
Concen: 16.802 ug/l  
RT: 8.544 min Scan# 2256  
Delta R.T. -0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion:164 Resp: 21744  
Ion Ratio Lower Upper  
164 100  
166 124.6 100.9 151.3  
129 99.1 80.9 121.3  
131 95.5 75.5 113.3

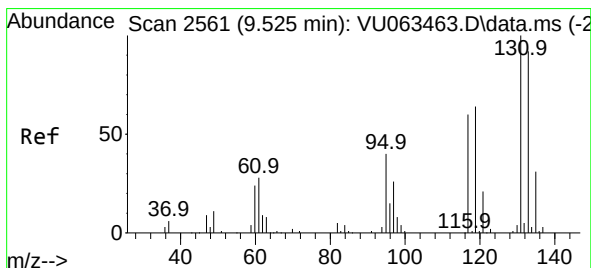
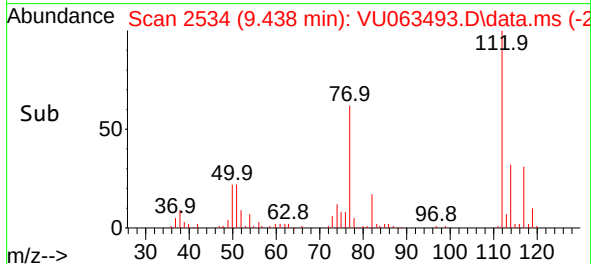
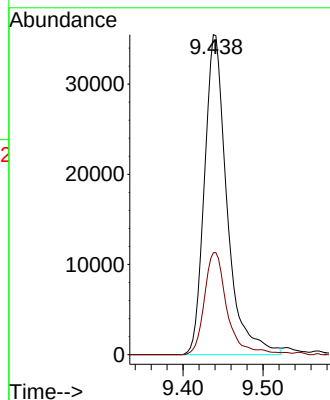
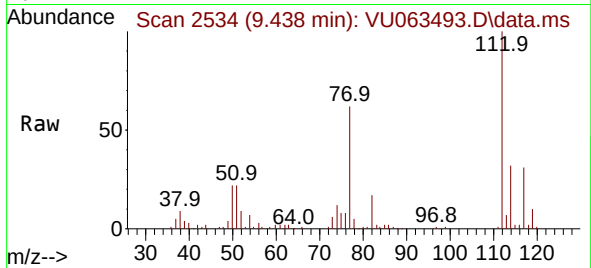




#65  
Chlorobenzene  
Concen: 19.307 ug/l  
RT: 9.438 min Scan# 2534  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

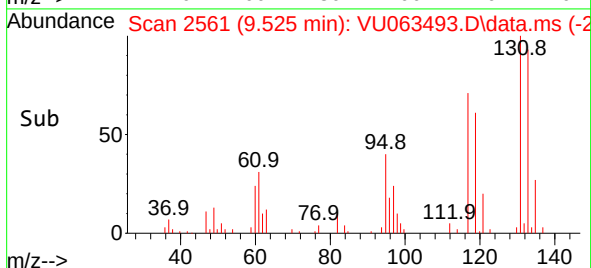
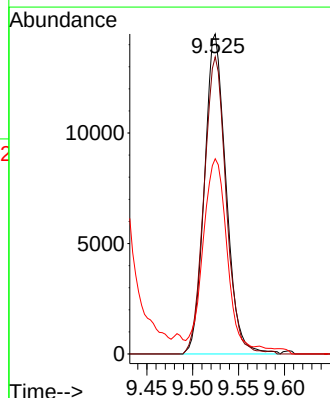
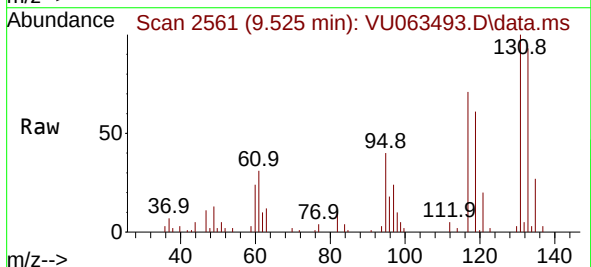
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

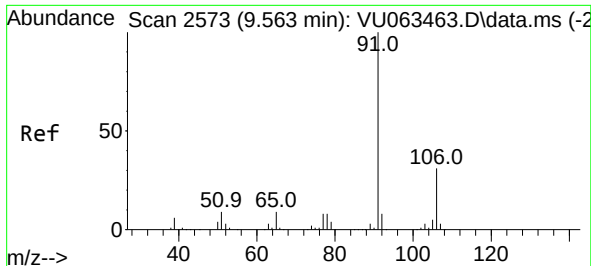
Tgt Ion:112 Resp: 69832  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.142 ug/l  
RT: 9.525 min Scan# 2561  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion:131 Resp: 23743  
Ion Ratio Lower Upper  
131 100  
133 95.1 46.4 139.2  
119 63.2 33.3 99.9





#67

Ethyl Benzene

Concen: 19.106 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

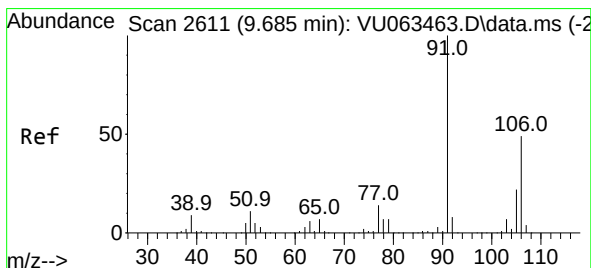
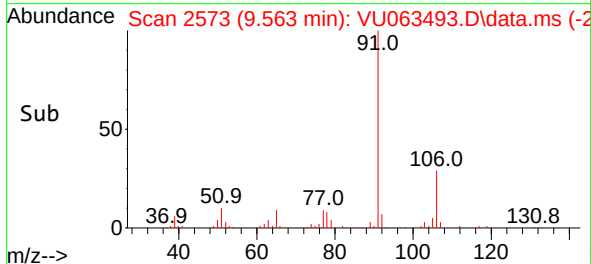
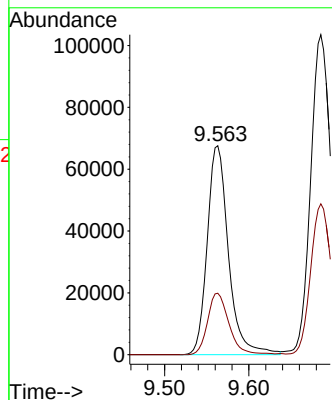
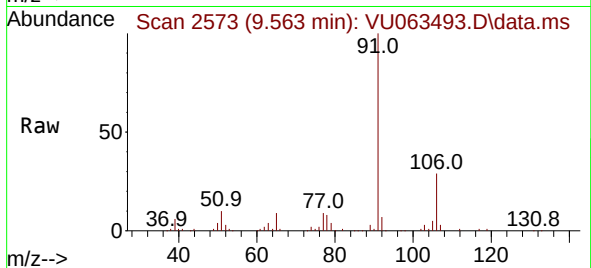
VU0711WBSD02

Tgt Ion: 91 Resp: 118767

Ion Ratio Lower Upper

91 100

106 29.4 24.5 36.7



#68

m/p-Xylenes

Concen: 37.366 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU063493.D

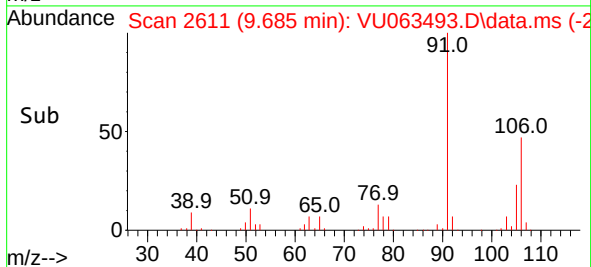
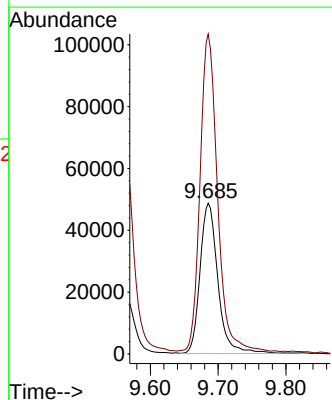
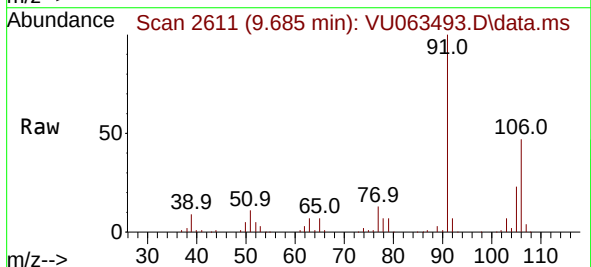
Acq: 11 Jul 2025 13:19

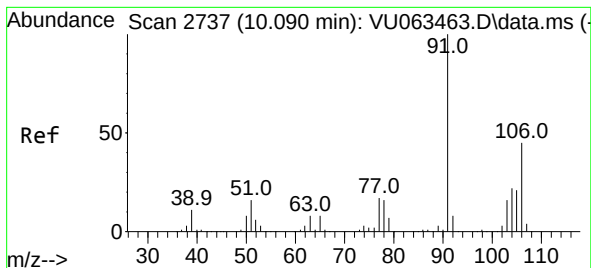
Tgt Ion: 106 Resp: 88646

Ion Ratio Lower Upper

106 100

91 206.3 163.6 245.4





#69

o-Xylene

Concen: 18.860 ug/l

RT: 10.090 min Scan# 2737

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

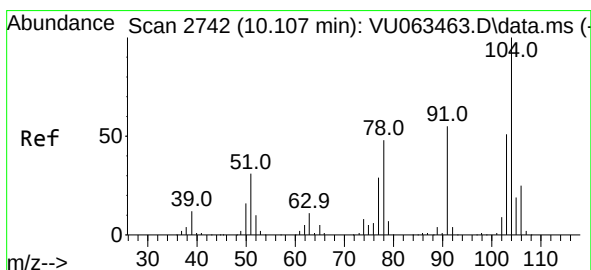
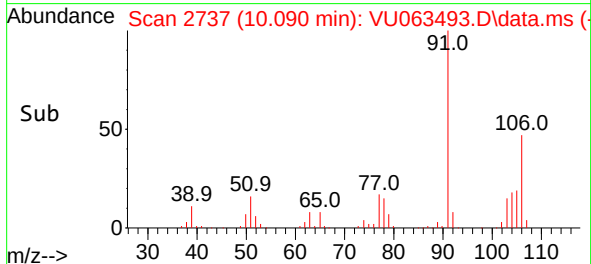
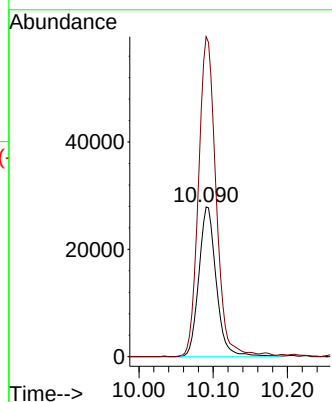
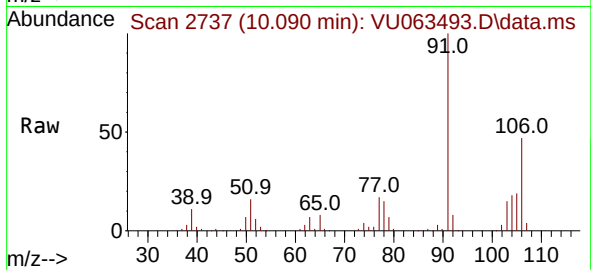
VU0711WBSD02

Tgt Ion:106 Resp: 45491

Ion Ratio Lower Upper

106 100

91 214.9 110.7 331.9



#70

Styrene

Concen: 19.358 ug/l

RT: 10.107 min Scan# 2742

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

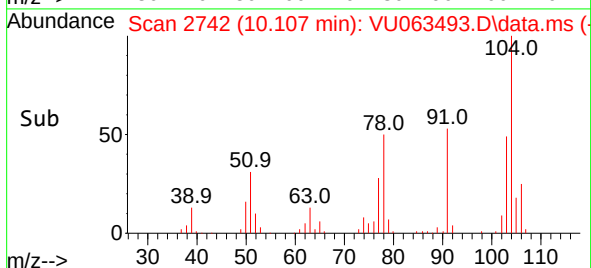
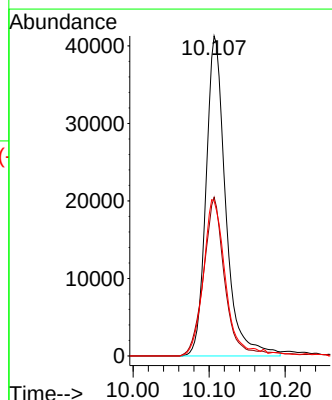
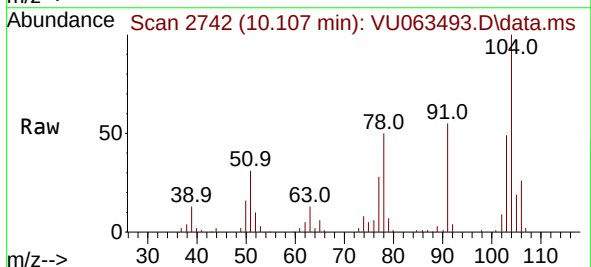
Tgt Ion:104 Resp: 74241

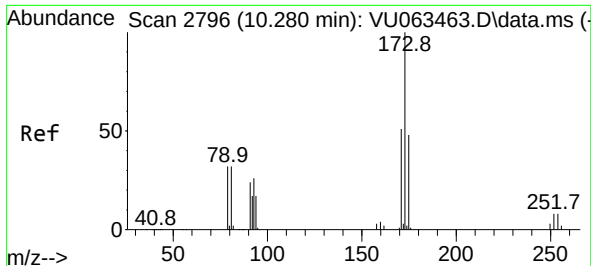
Ion Ratio Lower Upper

104 100

78 53.8 41.4 62.0

103 54.5 44.3 66.5

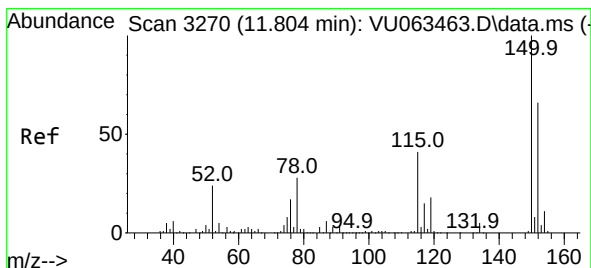
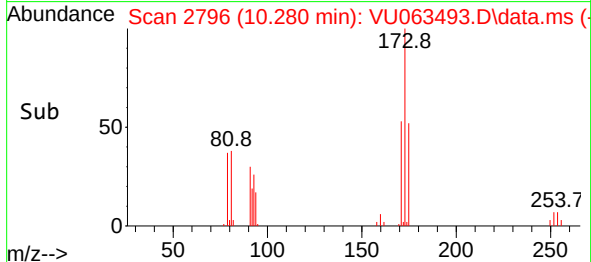
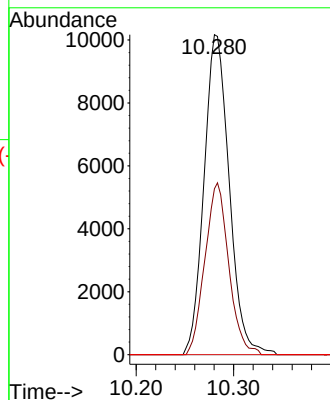
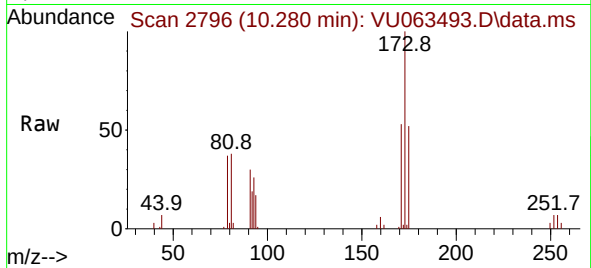




#71  
Bromoform  
Concen: 16.922 ug/l  
RT: 10.280 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

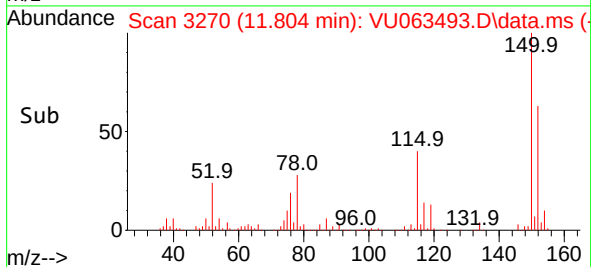
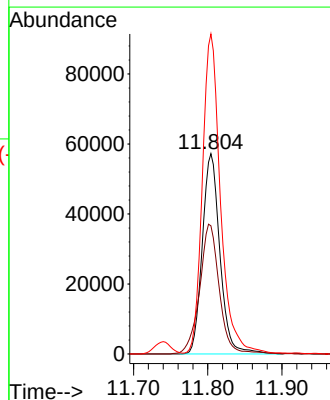
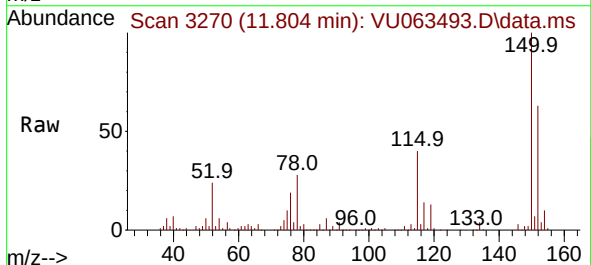
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

Tgt Ion:173 Resp: 18295  
Ion Ratio Lower Upper  
173 100  
175 50.8 24.0 72.0  
254 0.0 0.0 0.0

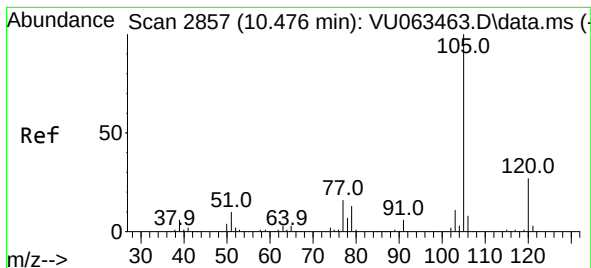


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.804 min Scan# 3270  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion:152 Resp: 94336  
Ion Ratio Lower Upper  
152 100  
115 72.1 43.4 130.2  
150 163.4 0.0 341.4







#73

Isopropylbenzene

Concen: 18.803 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

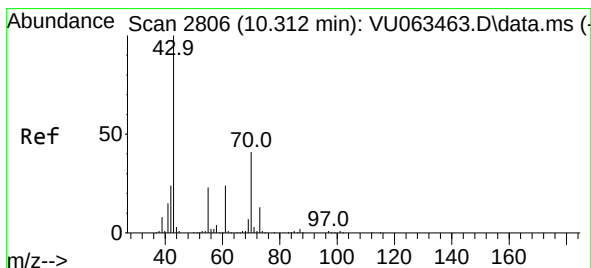
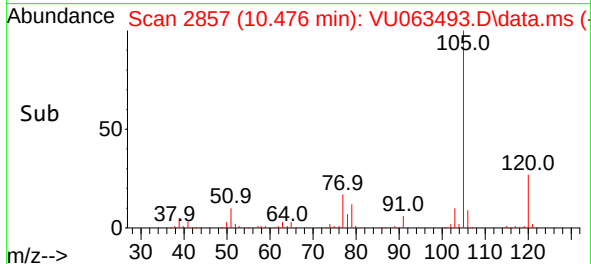
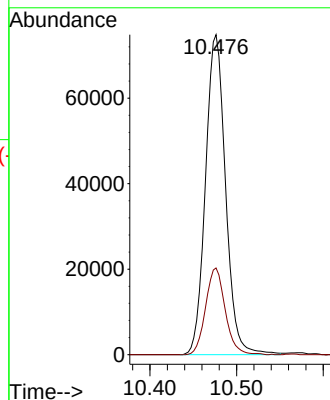
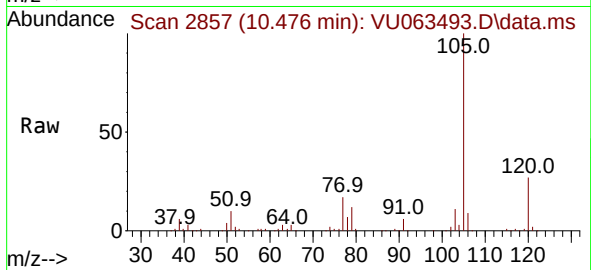
VU0711WBSD02

Tgt Ion:105 Resp: 120695

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.1



#74

N-ethyl acetate

Concen: 19.808 ug/l

RT: 10.316 min Scan# 2807

Delta R.T. 0.003 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Tgt Ion: 43 Resp: 57018

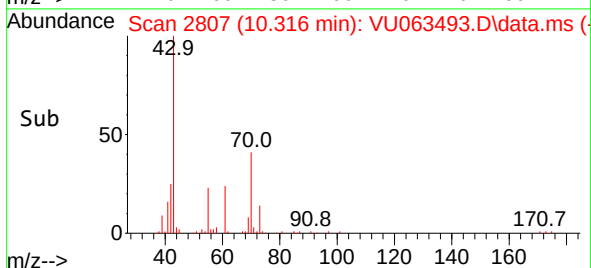
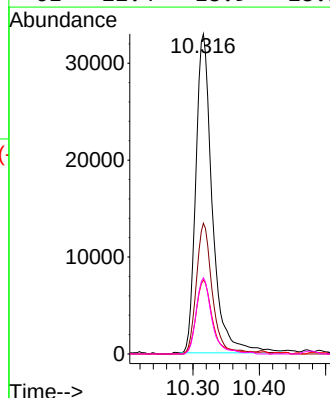
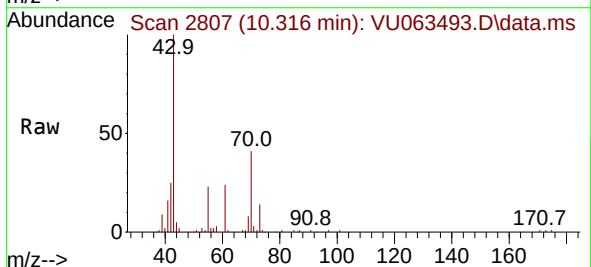
Ion Ratio Lower Upper

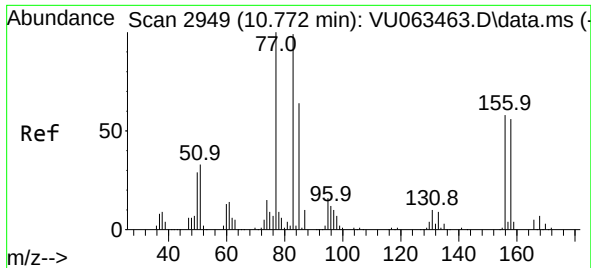
43 100

70 39.4 32.6 48.8

55 23.1 18.6 27.8

61 22.4 18.9 28.3

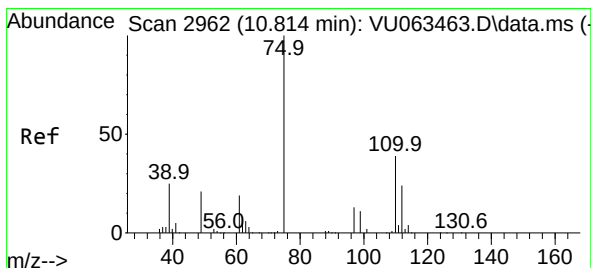
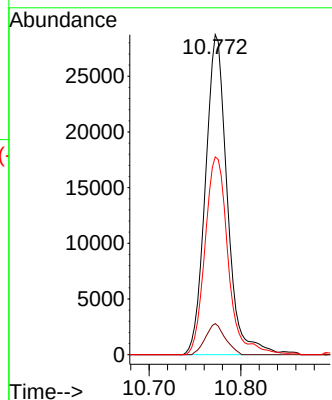
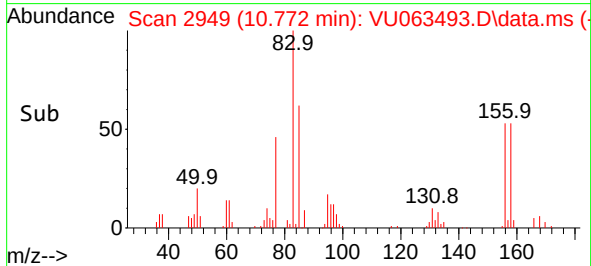
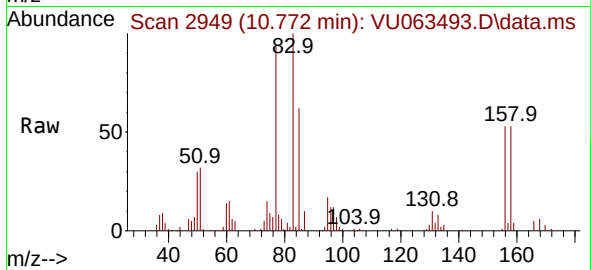




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.105 ug/l  
RT: 10.772 min Scan# 2949  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

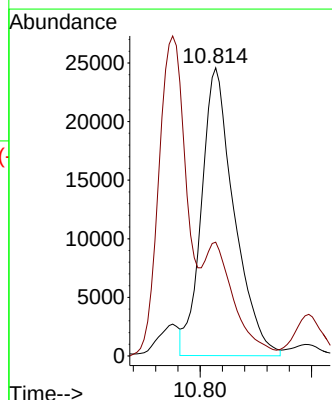
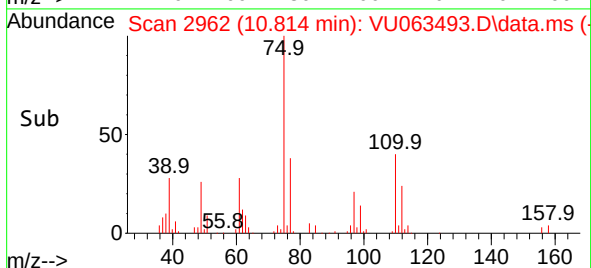
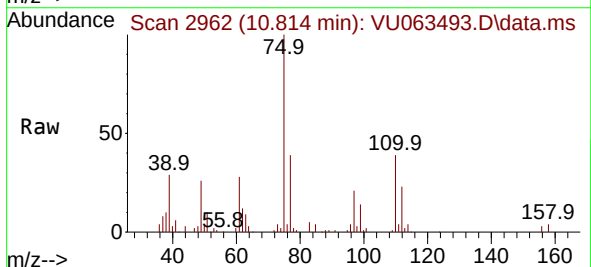
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

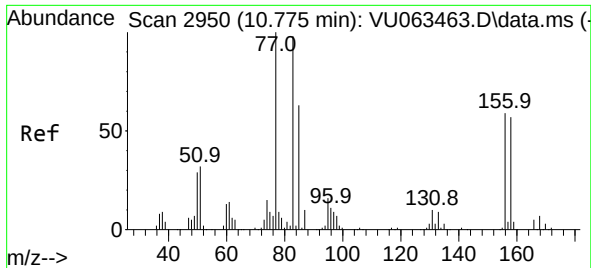
Tgt Ion: 83 Resp: 47502  
Ion Ratio Lower Upper  
83 100  
131 8.8 4.8 14.3  
85 65.5 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 19.972 ug/l  
RT: 10.814 min Scan# 2962  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 75 Resp: 49925  
Ion Ratio Lower Upper  
75 100  
77 0.0 3.1 9.4#

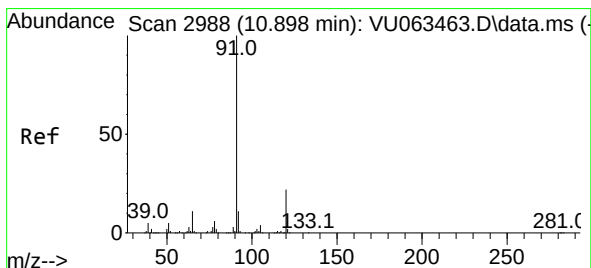
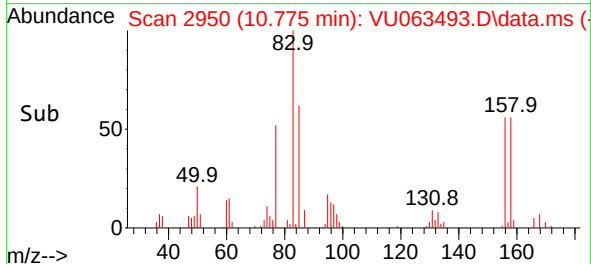
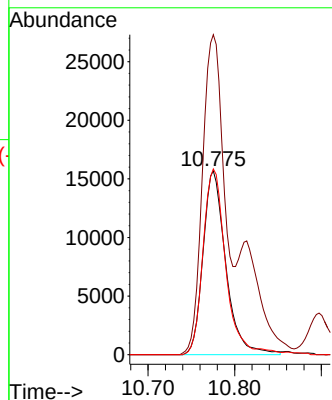
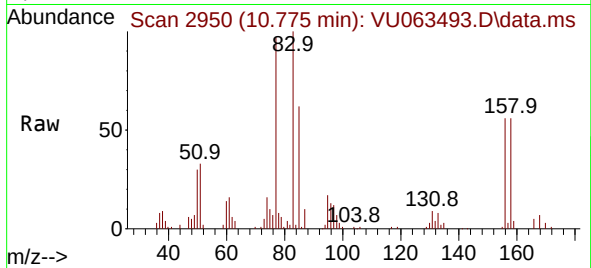




#77  
Bromobenzene  
Concen: 18.183 ug/l  
RT: 10.775 min Scan# 2950  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

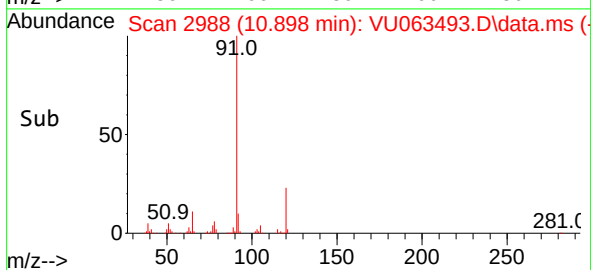
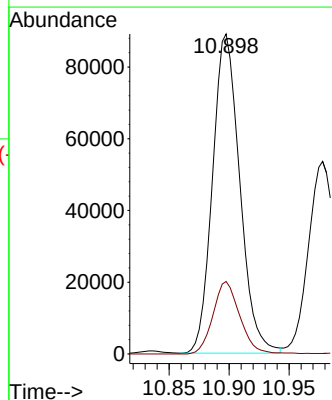
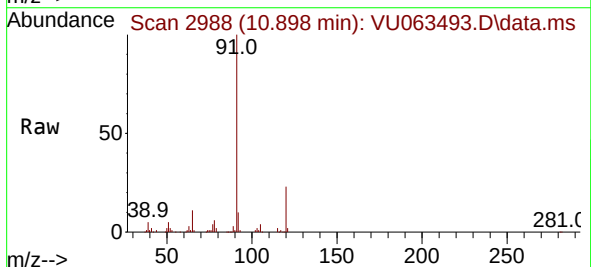
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

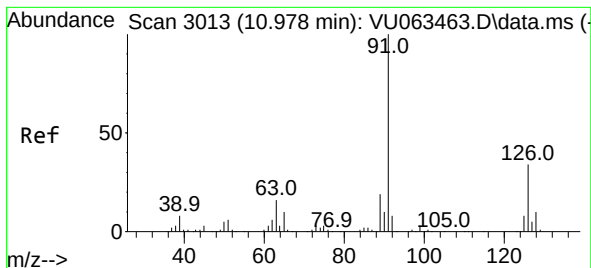
Tgt Ion:156 Resp: 28609  
Ion Ratio Lower Upper  
156 100  
77 168.8 78.2 234.6  
158 98.6 46.8 140.4



#78  
n-propylbenzene  
Concen: 18.875 ug/l  
RT: 10.898 min Scan# 2988  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 91 Resp: 140511  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.155 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

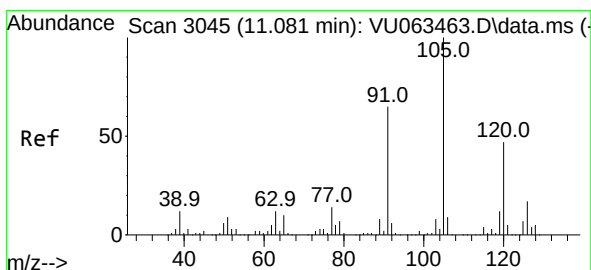
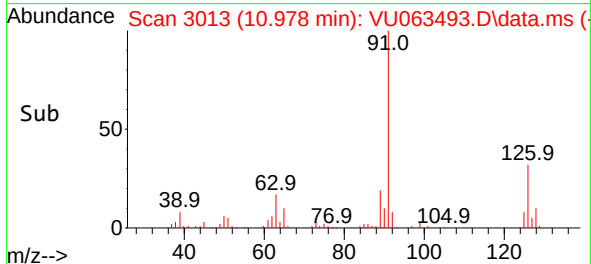
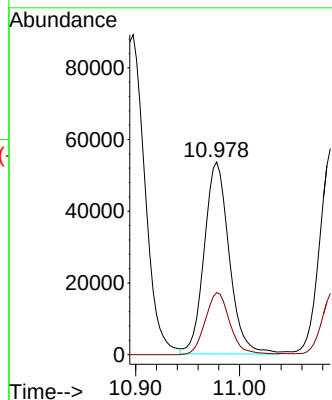
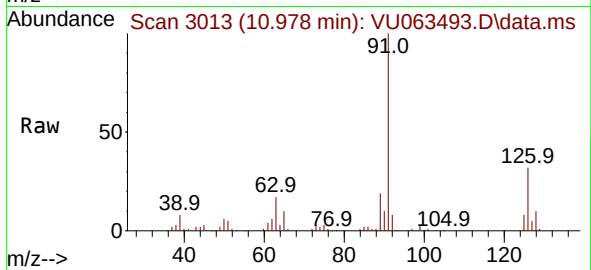
VU0711WBSD02

Tgt Ion: 91 Resp: 89428

Ion Ratio Lower Upper

91 100

126 31.9 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 18.818 ug/l

RT: 11.078 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU063493.D

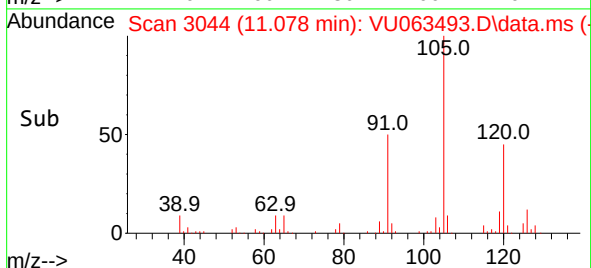
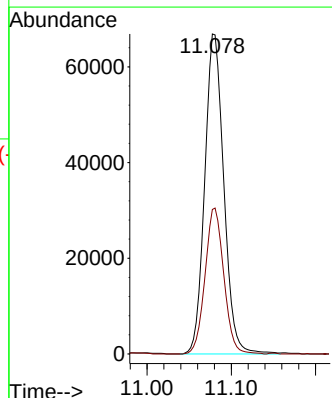
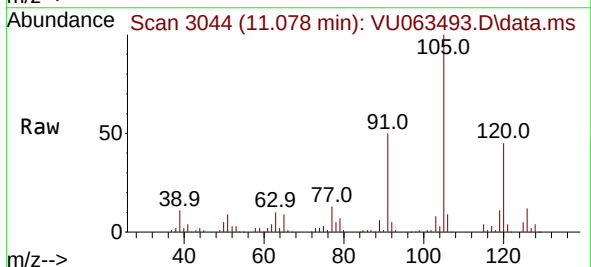
Acq: 11 Jul 2025 13:19

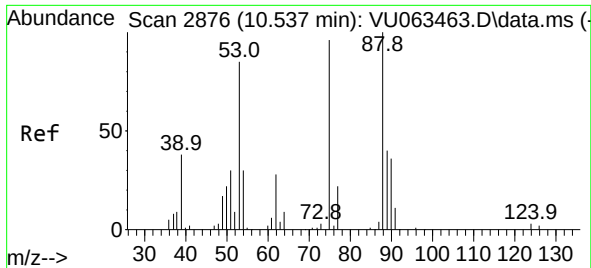
Tgt Ion: 105 Resp: 105650

Ion Ratio Lower Upper

105 100

120 44.8 23.4 70.2

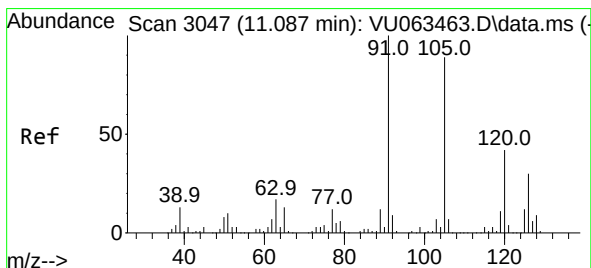
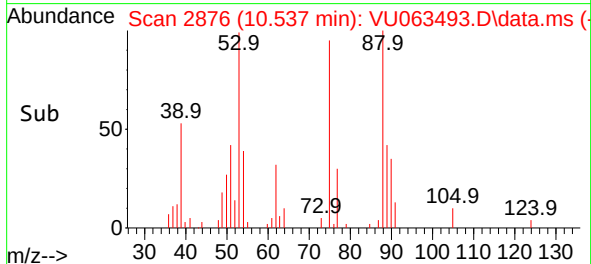
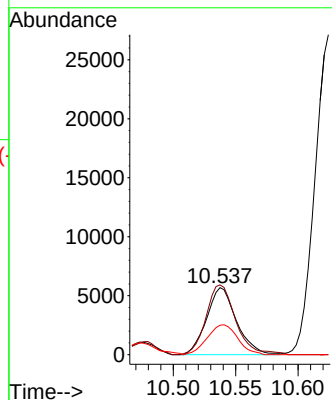
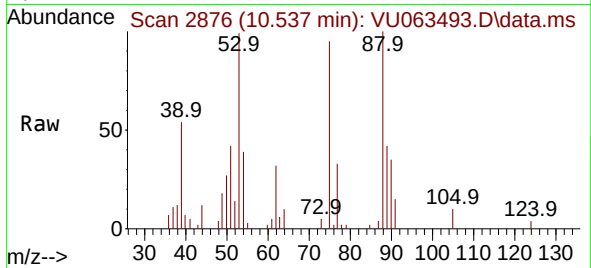




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.911 ug/l  
RT: 10.537 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

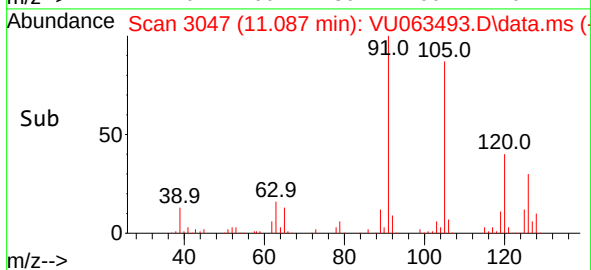
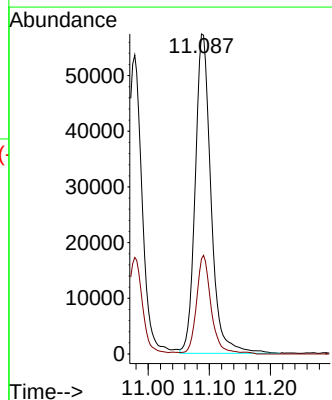
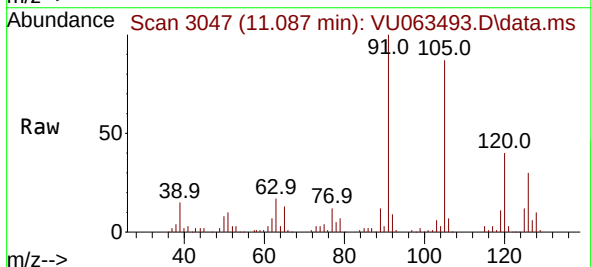
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

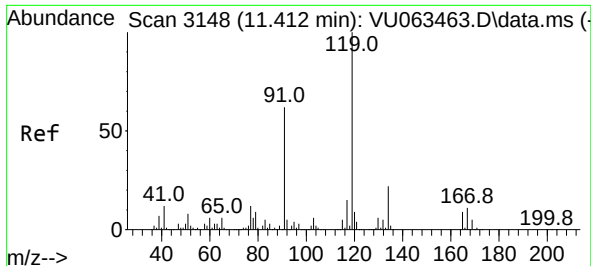
Tgt Ion: 75 Resp: 9478  
Ion Ratio Lower Upper  
75 100  
53 103.1 74.6 111.8  
89 45.2 36.3 54.5



#82  
4-Chlorotoluene  
Concen: 19.377 ug/l  
RT: 11.087 min Scan# 3047  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion: 91 Resp: 102705  
Ion Ratio Lower Upper  
91 100  
126 27.0 14.4 43.2

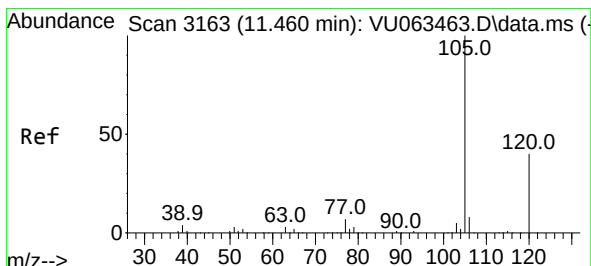
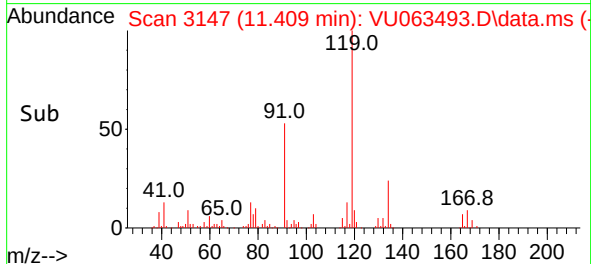
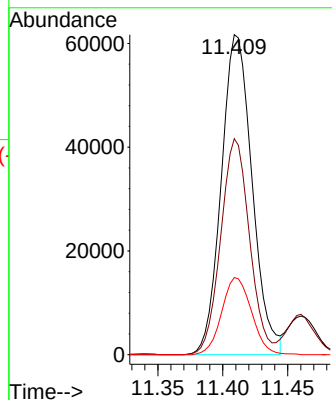
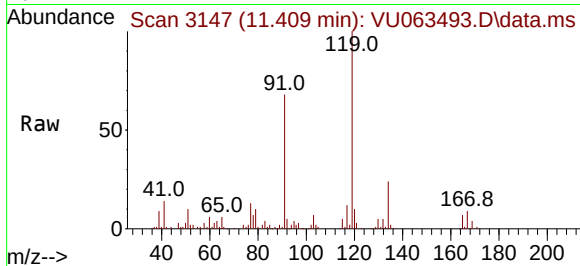




#83  
tert-Butylbenzene  
Concen: 18.923 ug/l  
RT: 11.409 min Scan# 3147  
Delta R.T. -0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

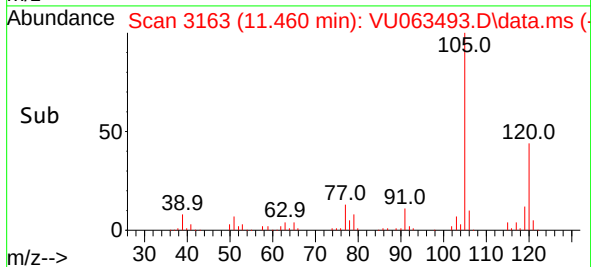
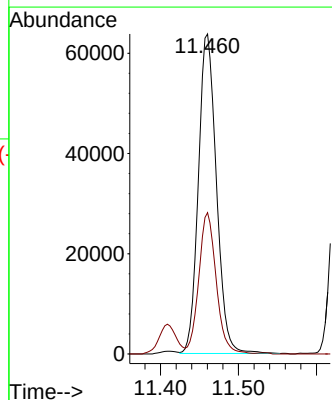
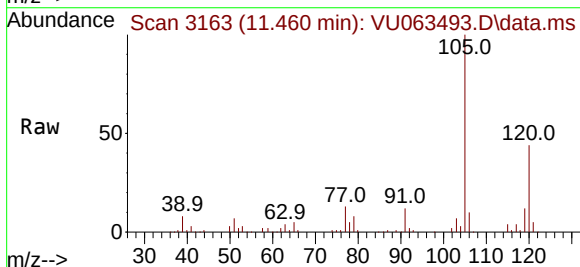
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

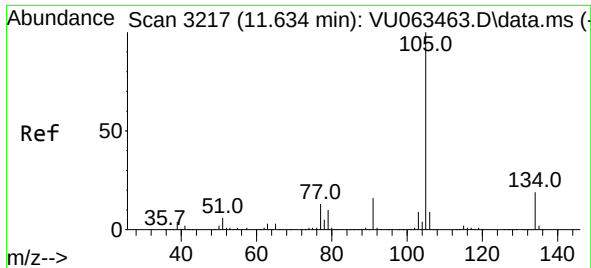
Tgt Ion:119 Resp: 101887  
Ion Ratio Lower Upper  
119 100  
91 62.9 30.3 91.0  
134 23.3 11.2 33.6



#84  
1,2,4-Trimethylbenzene  
Concen: 18.555 ug/l  
RT: 11.460 min Scan# 3163  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion:105 Resp: 102300  
Ion Ratio Lower Upper  
105 100  
120 42.4 22.1 66.3

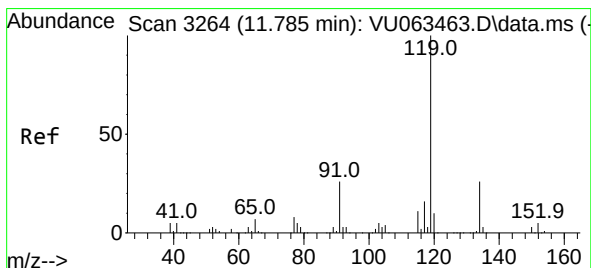
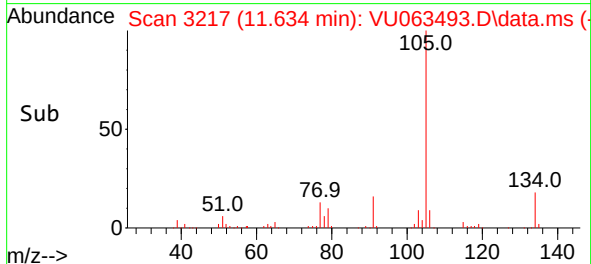
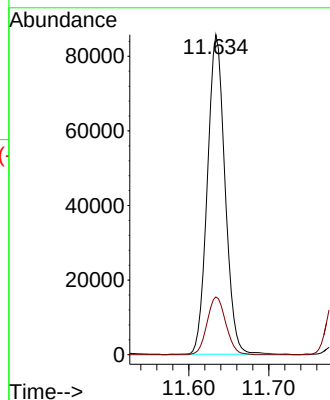
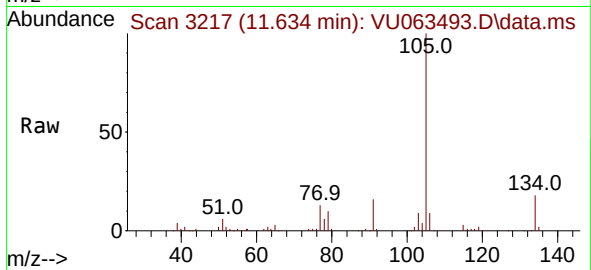




#85  
 sec-Butylbenzene  
 Concen: 18.425 ug/l  
 RT: 11.634 min Scan# 3217  
 Delta R.T. 0.000 min  
 Lab File: VU063493.D  
 Acq: 11 Jul 2025 13:19

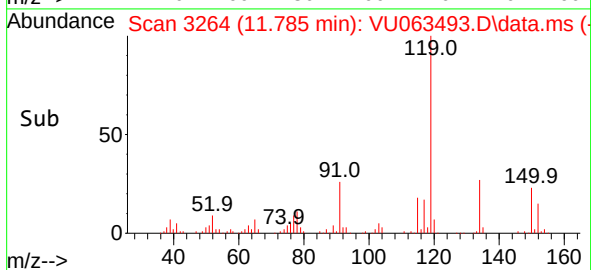
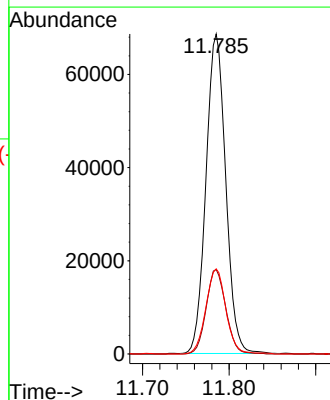
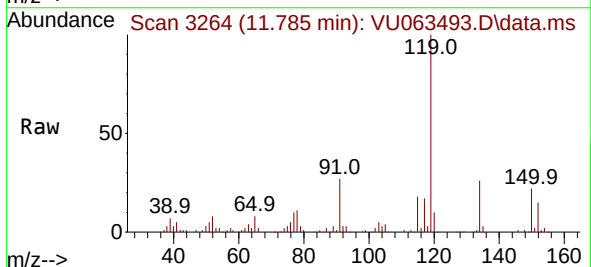
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0711WBSD02

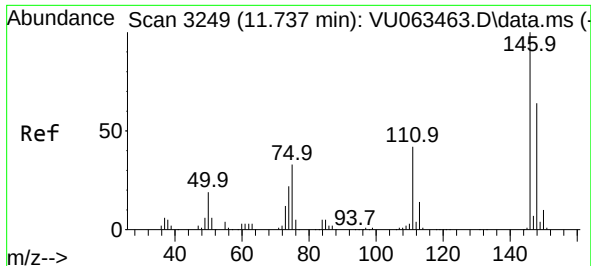
Tgt Ion:105 Resp: 130905  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 18.823 ug/l  
 RT: 11.785 min Scan# 3264  
 Delta R.T. 0.000 min  
 Lab File: VU063493.D  
 Acq: 11 Jul 2025 13:19

Tgt Ion:119 Resp: 108493  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.0 38.9  
 91 27.1 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 19.095 ug/l

RT: 11.737 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063493.D

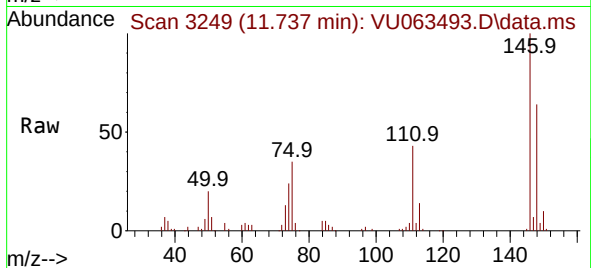
Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0711WBSD02



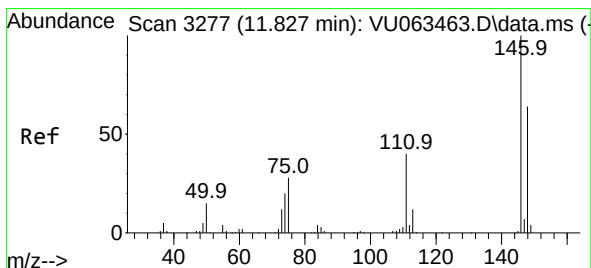
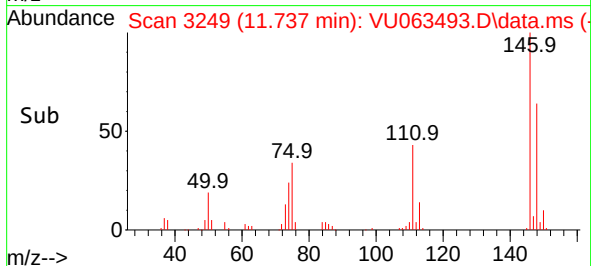
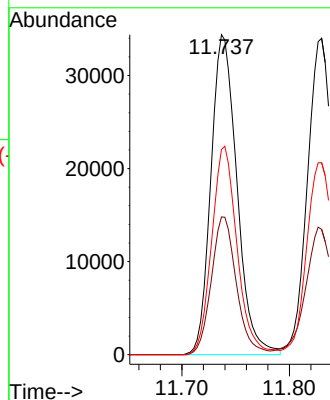
Tgt Ion:146 Resp: 57896

Ion Ratio Lower Upper

146 100

111 41.5 20.9 62.7

148 63.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.268 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

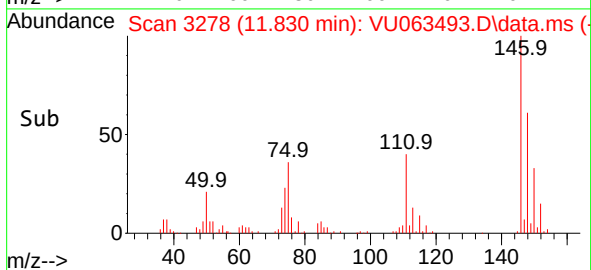
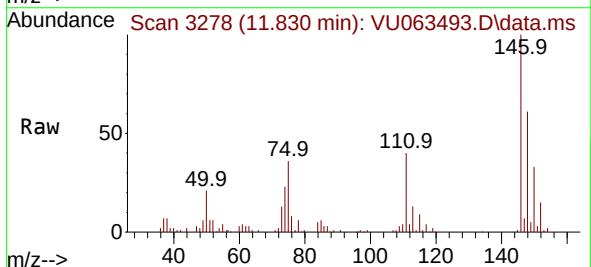
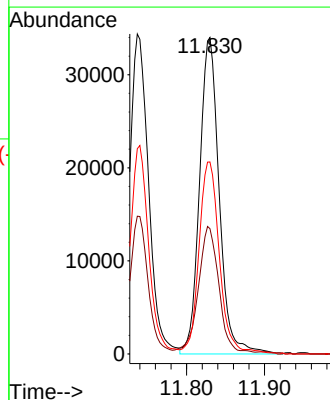
Tgt Ion:146 Resp: 59563

Ion Ratio Lower Upper

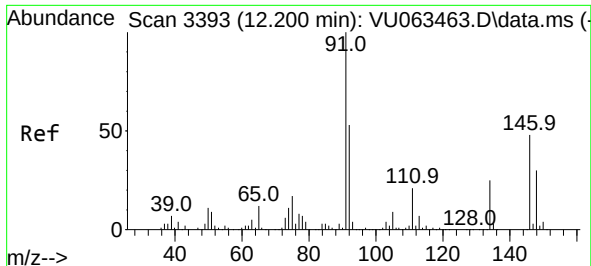
146 100

111 41.2 20.8 62.4

148 63.2 31.9 95.9



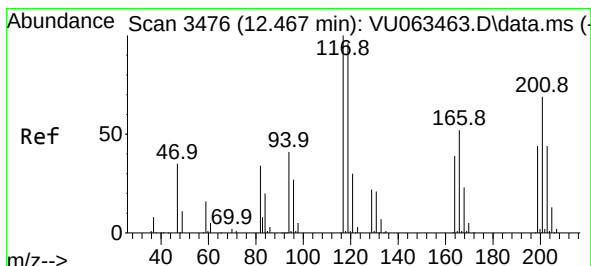
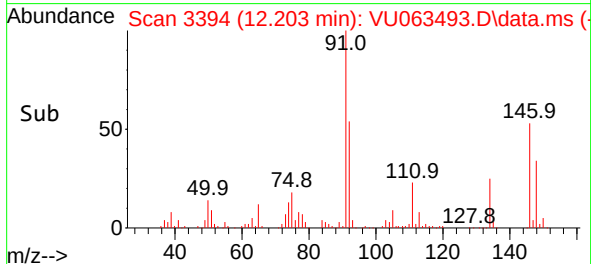
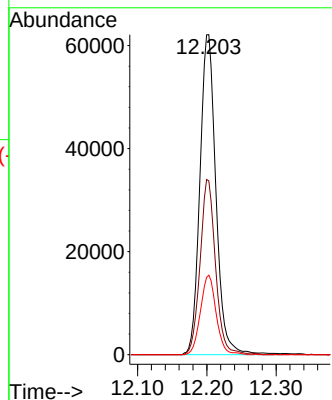
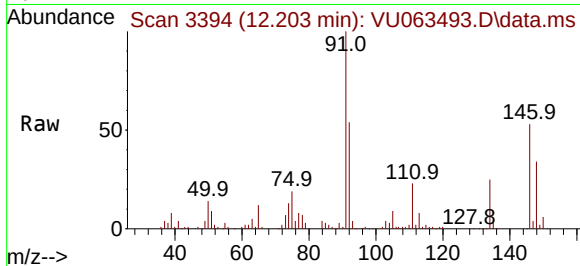




#89  
n-Butylbenzene  
Concen: 18.773 ug/l  
RT: 12.203 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

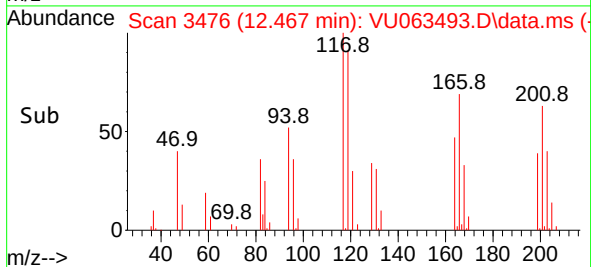
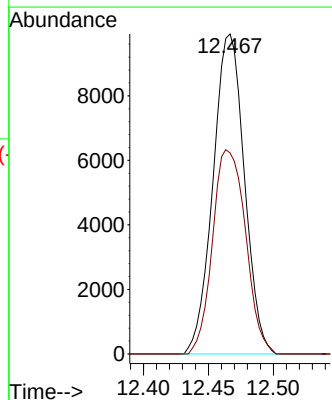
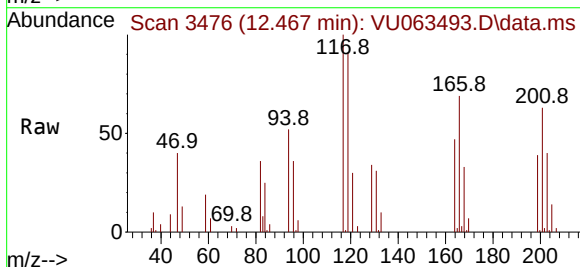
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0711WBSD02

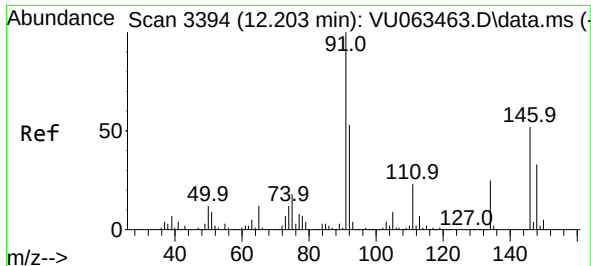
Tgt Ion: 91 Resp: 100147  
Ion Ratio Lower Upper  
91 100  
92 52.6 26.4 79.2  
134 24.3 12.4 37.0



#90  
Hexachloroethane  
Concen: 17.263 ug/l  
RT: 12.467 min Scan# 3476  
Delta R.T. 0.000 min  
Lab File: VU063493.D  
Acq: 11 Jul 2025 13:19

Tgt Ion:117 Resp: 16642  
Ion Ratio Lower Upper  
117 100  
201 67.1 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 19.585 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0711WBSD02

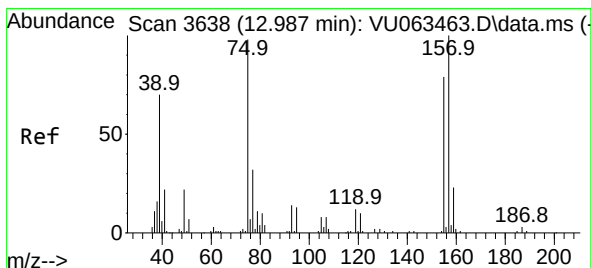
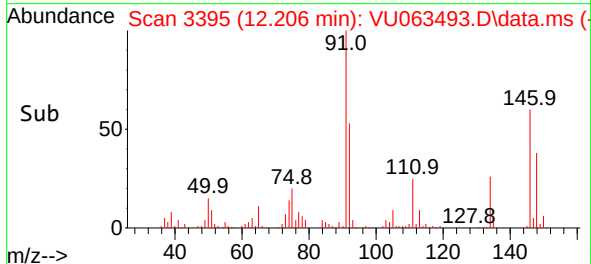
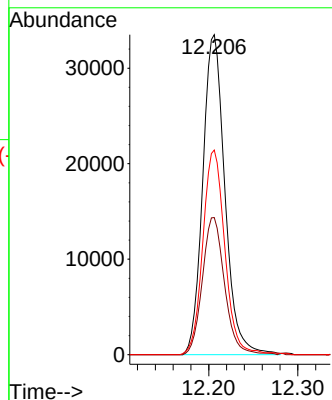
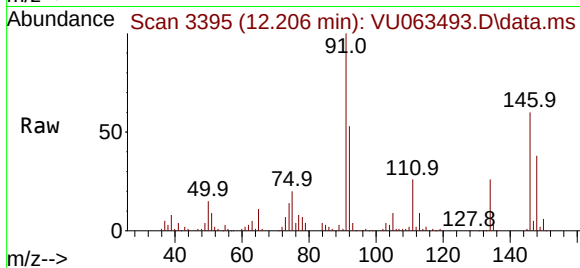
Tgt Ion:146 Resp: 57906

Ion Ratio Lower Upper

146 100

111 43.0 21.9 65.5

148 63.8 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.307 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

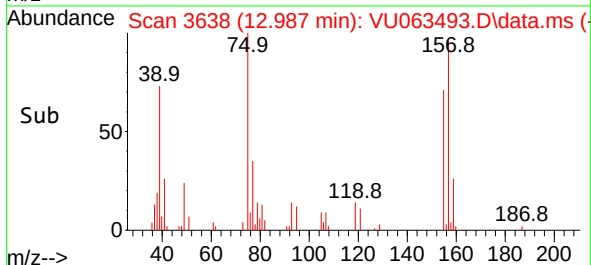
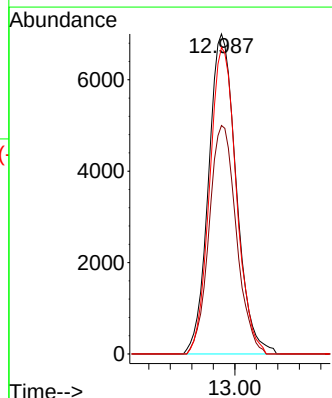
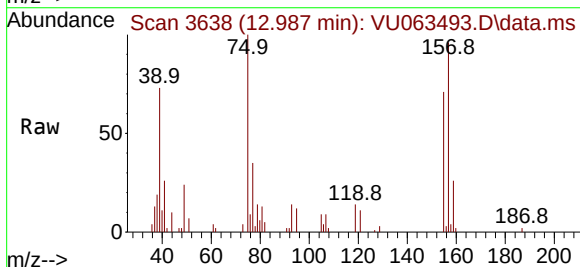
Tgt Ion: 75 Resp: 12483

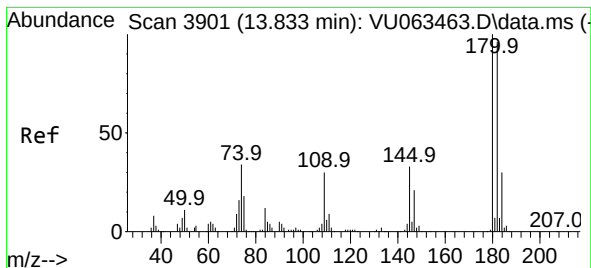
Ion Ratio Lower Upper

75 100

155 70.2 39.1 117.5

157 92.5 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 18.928 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0711WBSD02

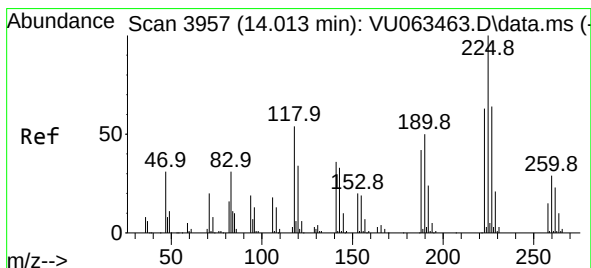
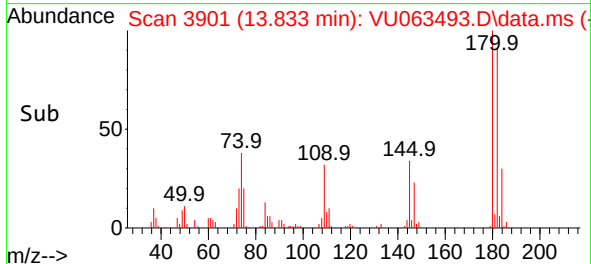
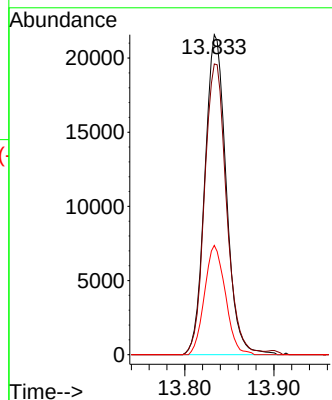
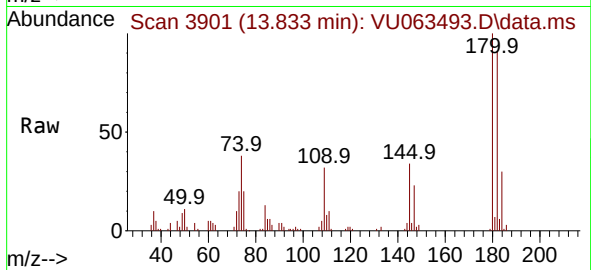
Tgt Ion:180 Resp: 35839

Ion Ratio Lower Upper

180 100

182 93.5 47.7 143.1

145 33.4 16.6 49.7



#94

Hexachlorobutadiene

Concen: 18.141 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

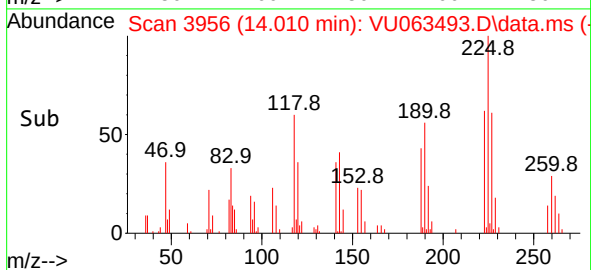
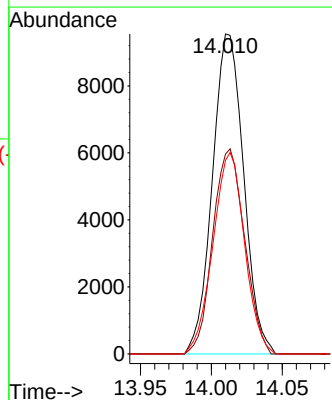
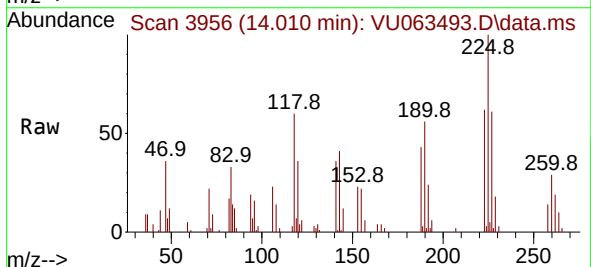
Tgt Ion:225 Resp: 14683

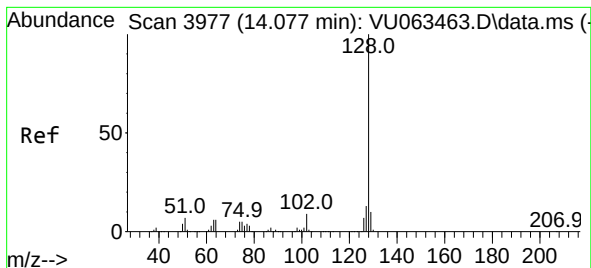
Ion Ratio Lower Upper

225 100

223 65.2 32.4 97.0

227 63.5 32.3 96.9





#95

Naphthalene

Concen: 20.974 ug/l

RT: 14.081 min Scan# 3977

Delta R.T. 0.003 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Instrument :

MSVOA\_U

ClientSampleId :

VU0711WBSD02

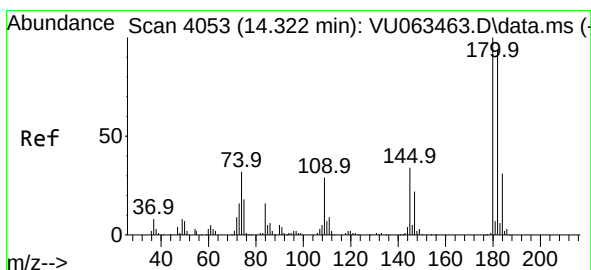
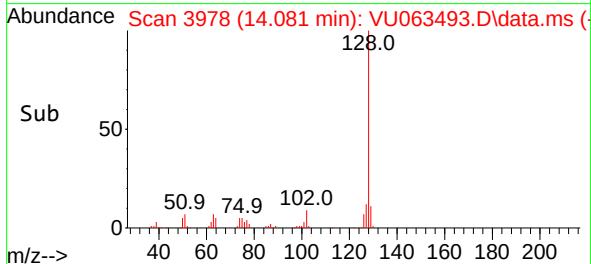
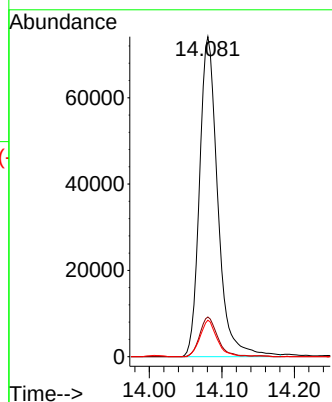
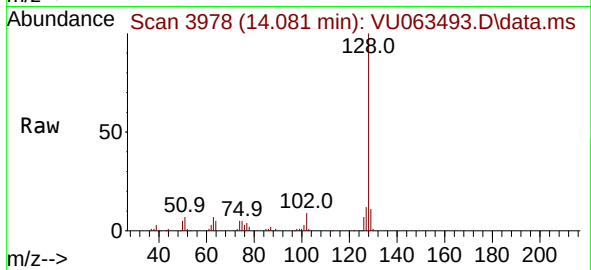
Tgt Ion:128 Resp: 130055

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.4

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.695 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. 0.000 min

Lab File: VU063493.D

Acq: 11 Jul 2025 13:19

Tgt Ion:180 Resp: 36648

Ion Ratio Lower Upper

180 100

182 89.8 47.8 143.3

145 35.5 17.2 51.5

