

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071825\  
 Data File : VU063532.D  
 Acq On : 18 Jul 2025 09:11  
 Operator : MD/SY  
 Sample : VSTDCCC010  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

Quant Time: Jul 18 23:43:58 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U071625DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jul 17 03:49:40 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units    | Dev(Min) |
|------------------------------|--------|------|----------|--------|----------|----------|
| -----                        |        |      |          |        |          |          |
| Internal Standards           |        |      |          |        |          |          |
| 1) Fluorobenzene             | 6.097  | 96   | 22137    | 1.000  | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |          |          |
| 57) 4-Bromofluorobenzene     | 10.624 | 95   | 9400     | 1.121  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 112.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.184 | 152  | 8443     | 1.089  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 109.000% |          |
| Target Compounds             |        |      |          |        |          |          |
|                              |        |      |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.380  | 85   | 63177    | 9.679  | ug/l     | 99       |
| 3) Chloromethane             | 1.518  | 50   | 59882    | 9.869  | ug/l     | 99       |
| 4) Vinyl Chloride            | 1.596  | 62   | 75063    | 9.713  | ug/l     | 99       |
| 5) Bromomethane              | 1.843  | 94   | 56979    | 9.778  | ug/l     | 99       |
| 6) Chloroethane              | 1.924  | 64   | 46809    | 10.032 | ug/l     | 100      |
| 7) Trichlorofluoromethane    | 2.126  | 101  | 112398   | 10.130 | ug/l     | 97       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.567  | 101  | 59594    | 10.278 | ug/l     | 99       |
| 9) 1,1-Dichloroethene        | 2.567  | 96   | 57624    | 10.027 | ug/l     | 99       |
| 10) Iodomethane              | 2.708  | 142  | 73635    | 8.700  | ug/l     | 99       |
| 11) Allyl Chloride           | 2.907  | 41   | 83570    | 10.065 | ug/l     | 99       |
| 12) Acrylonitrile            | 3.303  | 53   | 29248    | 20.347 | ug/l     | 98       |
| 13) Acetone                  | 2.615  | 43   | 99900    | 86.744 | ug/l     | 99       |
| 14) Carbon Disulfide         | 2.779  | 76   | 165060   | 8.892  | ug/l     | 99       |
| 15) Methylene Chloride       | 3.026  | 84   | 67208    | 9.932  | ug/l     | 99       |
| 16) trans-1,2-Dichloroethene | 3.335  | 96   | 64633    | 9.902  | ug/l     | 98       |
| 17) 1,1-Dichloroethane       | 3.850  | 63   | 122501   | 10.126 | ug/l     | 99       |
| 18) 2-Butanone               | 4.708  | 43   | 119694   | 67.111 | ug/l     | 100      |
| 19) Cyclohexane              | 5.361  | 56   | 102519   | 10.008 | ug/l     | 99       |
| 20) Methylcyclohexane        | 6.743  | 83   | 90134    | 9.053  | ug/l     | 97       |
| 21) 2,2-Dichloropropane      | 4.644  | 77   | 102934   | 9.992  | ug/l     | 99       |
| 22) cis-1,2-Dichloroethene   | 4.647  | 96   | 71370    | 10.076 | ug/l     | 98       |
| 23) Diethyl Ether            | 2.367  | 59   | 45906    | 10.482 | ug/l     | 99       |
| 24) tert-Butyl Alcohol       | 3.184  | 59   | 52532    | 99.368 | ug/l     | 99       |
| 25) Methyl tert-Butyl Ether  | 3.358  | 73   | 155262   | 10.348 | ug/l     | 100      |
| 26) Bromochloromethane       | 4.952  | 128  | 30399    | 10.279 | ug/l     | 93       |
| 27) Chloroform               | 5.071  | 83   | 127644   | 10.340 | ug/l     | 99       |
| 28) 1,1,1-Trichloroethane    | 5.293  | 97   | 107685   | 10.278 | ug/l     | 100      |
| 29) 1,1-Dichloropropene      | 5.502  | 75   | 97809    | 10.077 | ug/l     | 98       |
| 30) Carbon Tetrachloride     | 5.499  | 117  | 86562    | 10.264 | ug/l     | 96       |
| 31) Isopropyl Ether          | 3.988  | 45   | 182312   | 9.983  | ug/l     | 96       |
| 32) Ethyl-t-butyl ether      | 4.499  | 59   | 170978   | 10.117 | ug/l     | 100      |
| 33) Tert-Amyl methyl ether   | 5.939  | 73   | 149469   | 10.191 | ug/l     | 99       |
| 34) Propionitrile            | 4.772  | 54   | 26069    | 47.974 | ug/l     | 97       |
| 35) Benzene                  | 5.753  | 78   | 275788   | 10.575 | ug/l     | 100      |
| 36) 1,2-Dichloroethane       | 5.779  | 62   | 86224    | 10.641 | ug/l     | 99       |
| 37) Trichloroethene          | 6.525  | 130  | 59552    | 8.950  | ug/l     | 96       |
| 38) 1,2-Dichloropropane      | 6.779  | 63   | 59104    | 9.683  | ug/l     | 99       |
| 39) Methacrylonitrile        | 4.968  | 41   | 22645    | 9.375  | ug/l     | 98       |
| 40) Methyl acrylate          | 4.843  | 55   | 34325    | 9.721  | ug/l     | 98       |
| 41) Tetrahydrofuran          | 5.055  | 42   | 23866    | 18.783 | ug/l     | 98       |
| 42) 1-Chlorobutane           | 5.438  | 56   | 133351   | 10.334 | ug/l     | 100      |
| 43) Dibromomethane           | 6.904  | 93   | 31338    | 9.911  | ug/l     | 95       |
| 44) Bromodichloromethane     | 7.094  | 83   | 69921    | 9.806  | ug/l     | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071825\  
 Data File : VU063532.D  
 Acq On : 18 Jul 2025 09:11  
 Operator : MD/SY  
 Sample : VSTDCCC010  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

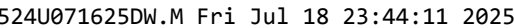
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

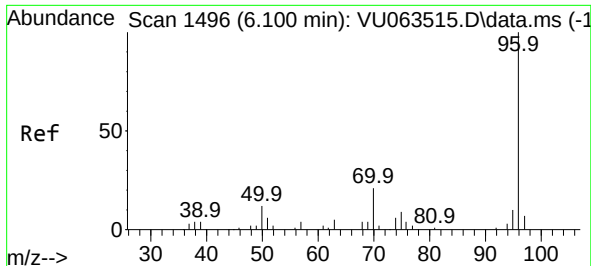
Quant Time: Jul 18 23:43:58 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U071625DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Jul 17 03:49:40 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.795  | 43   | 170568   | 52.342 | ug/l   | 100      |
| 46) t-1,4-Dichloro-2-butene   | 10.814 | 75   | 56324    | 46.043 | ug/l # | 58       |
| 47) Methyl methacrylate       | 6.962  | 69   | 54529    | 20.535 | ug/l   | 97       |
| 48) Ethyl methacrylate        | 8.332  | 69   | 53751    | 10.607 | ug/l   | 97       |
| 49) Toluene                   | 7.959  | 92   | 145734   | 10.235 | ug/l   | 100      |
| 50) t-1,3-Dichloropropene     | 8.203  | 75   | 57571    | 10.291 | ug/l   | 98       |
| 51) cis-1,3-Dichloropropene   | 7.599  | 75   | 75837    | 10.099 | ug/l   | 98       |
| 52) 1,1,2-Trichloroethane     | 8.393  | 97   | 43960    | 10.327 | ug/l   | 98       |
| 53) 1,3-Dichloropropane       | 8.566  | 76   | 75937    | 10.333 | ug/l   | 99       |
| 54) 2-Hexanone                | 8.685  | 43   | 132800   | 61.353 | ug/l   | 97       |
| 55) Dibromochloromethane      | 8.801  | 129  | 46798    | 10.403 | ug/l   | 99       |
| 56) 1,2-Dibromoethane         | 8.917  | 107  | 39027    | 10.244 | ug/l   | 99       |
| 58) Tetrachloroethene         | 8.541  | 164  | 58247    | 9.565  | ug/l   | 97       |
| 59) Chlorobenzene             | 9.438  | 112  | 167611   | 10.249 | ug/l   | 98       |
| 60) 1,1,1,2-Tetrachloroethane | 9.525  | 131  | 52907    | 10.060 | ug/l   | 98       |
| 61) Pentachloroethane         | 11.418 | 117  | 40119    | 10.796 | ug/l   | 96       |
| 62) Hexachloroethane          | 12.467 | 117  | 39030    | 10.606 | ug/l   | 99       |
| 63) Ethyl Benzene             | 9.560  | 91   | 289339   | 10.281 | ug/l   | 100      |
| 64) m/p-Xylenes               | 9.685  | 106  | 228441   | 20.884 | ug/l   | 98       |
| 65) o-Xylene                  | 10.090 | 106  | 111689   | 10.626 | ug/l   | 99       |
| 66) Styrene                   | 10.107 | 104  | 182214   | 10.877 | ug/l   | 99       |
| 67) Bromoform                 | 10.283 | 173  | 22764    | 9.853  | ug/l   | 99       |
| 69) Isopropylbenzene          | 10.476 | 105  | 271215   | 10.673 | ug/l   | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.772 | 83   | 55200    | 10.657 | ug/l   | 99       |
| 71) 1,2,3-Trichloropropane    | 10.814 | 75   | 56324    | 13.388 | ug/l # | 86       |
| 72) Bromobenzene              | 10.775 | 156  | 67162    | 10.241 | ug/l   | 95       |
| 73) n-propylbenzene           | 10.898 | 120  | 83463    | 10.911 | ug/l   | 99       |
| 74) 2-Chlorotoluene           | 10.978 | 126  | 71241    | 10.538 | ug/l   | 99       |
| 75) 1,3,5-Trimethylbenzene    | 11.078 | 105  | 263117   | 10.839 | ug/l   | 100      |
| 76) 4-Chlorotoluene           | 11.090 | 126  | 74500    | 10.851 | ug/l   | 99       |
| 77) tert-Butylbenzene         | 11.412 | 119  | 248774   | 10.723 | ug/l   | 99       |
| 78) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 262116   | 10.884 | ug/l   | 100      |
| 79) sec-Butylbenzene          | 11.634 | 105  | 341350   | 10.911 | ug/l   | 99       |
| 80) Nitrobenzene              | 13.203 | 77   | 4689     | 42.376 | ug/l   | 97       |
| 81) p-Isopropyltoluene        | 11.785 | 119  | 287611   | 11.013 | ug/l   | 99       |
| 82) 1,3-Dichlorobenzene       | 11.737 | 146  | 140019   | 10.671 | ug/l   | 99       |
| 83) 1,4-Dichlorobenzene       | 11.827 | 146  | 141444   | 10.769 | ug/l   | 98       |
| 84) n-Butylbenzene            | 12.200 | 91   | 276678   | 11.423 | ug/l   | 99       |
| 85) 1,2-Dichlorobenzene       | 12.203 | 146  | 133976   | 10.868 | ug/l   | 99       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.987 | 75   | 8081     | 9.368  | ug/l   | 97       |
| 87) 1,2,4-Trichlorobenzene    | 13.833 | 180  | 82660    | 10.783 | ug/l   | 100      |
| 88) Hexachlorobutadiene       | 14.013 | 225  | 45081    | 10.355 | ug/l   | 99       |
| 89) Naphthalene               | 14.081 | 128  | 150983   | 10.991 | ug/l   | 100      |
| 90) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 76164    | 10.751 | ug/l   | 99       |

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

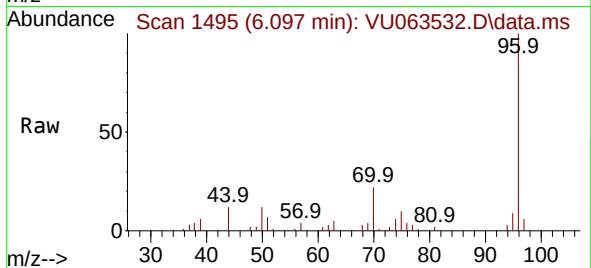
Quant Time: Jul 18 23:43:58 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U071625DW.M  
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
QLast Update : Thu Jul 17 03:49:40 2025  
Response via : Initial Calibration



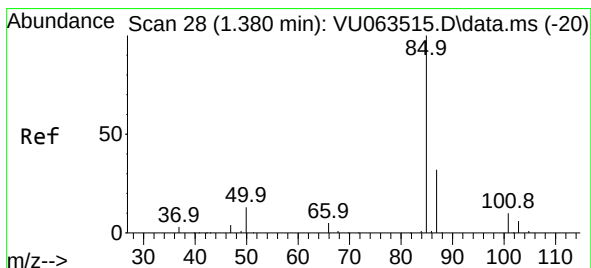
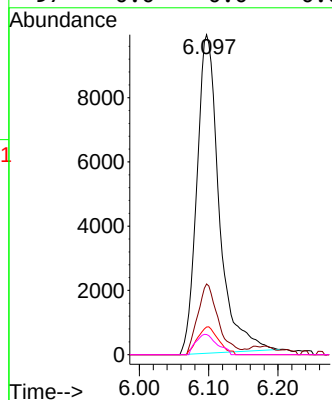
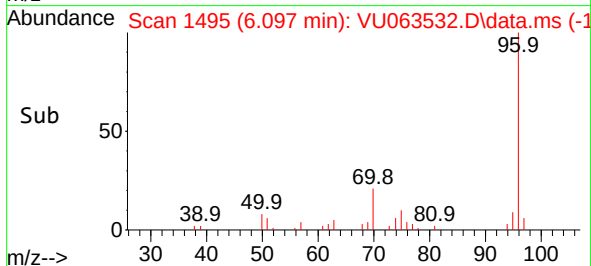


#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.097 min Scan# 14  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

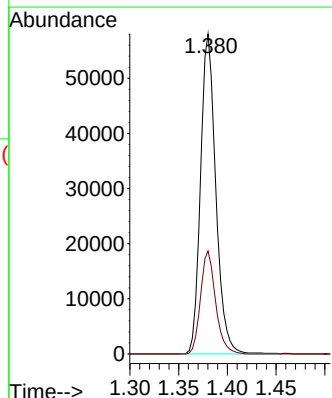
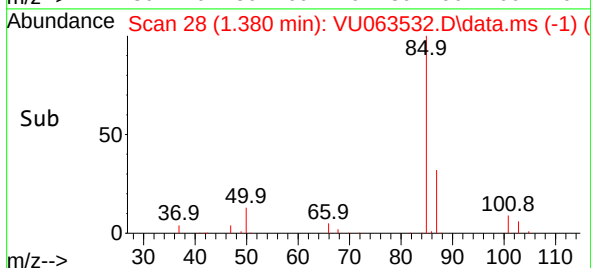
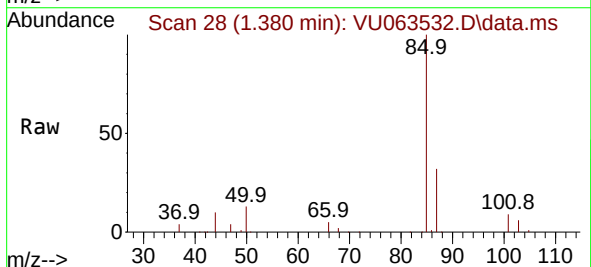


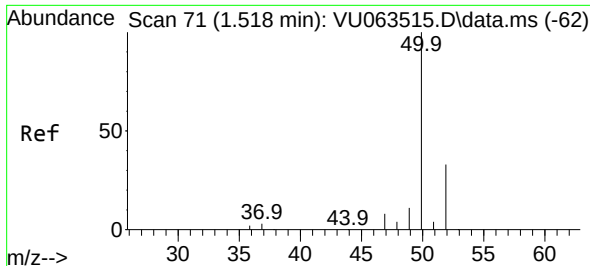
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 22137 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 70       | 18.9  | 15.0  | 22.4  |
| 95       | 8.2   | 7.4   | 11.0  |
| 97       | 0.0   | 0.0   | 0.0   |



#2  
Dichlorodifluoromethane  
Concen: 9.679 ug/l  
RT: 1.380 min Scan# 28  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 85    | Resp: | 63177 |
| Ion      | Ratio | Lower | Upper |
| 85       | 100   |       |       |
| 87       | 32.2  | 16.0  | 47.9  |

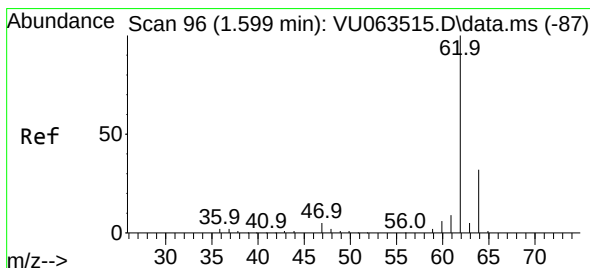
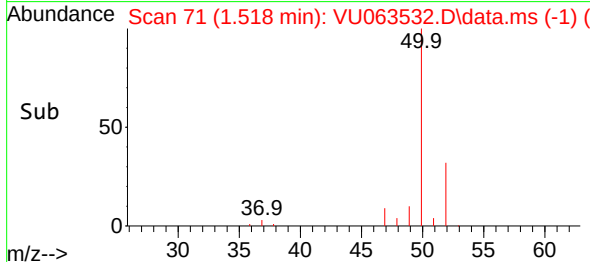
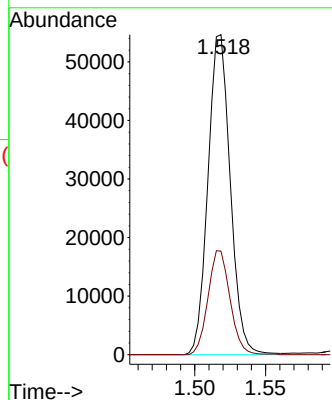
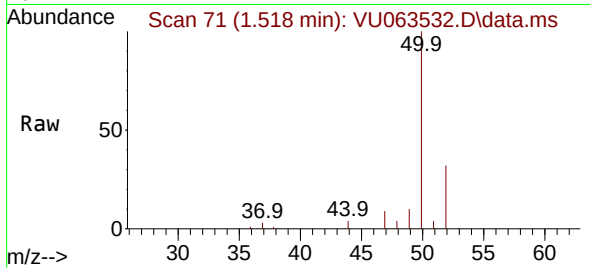




#3  
Chloromethane  
Concen: 9.869 ug/l  
RT: 1.518 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

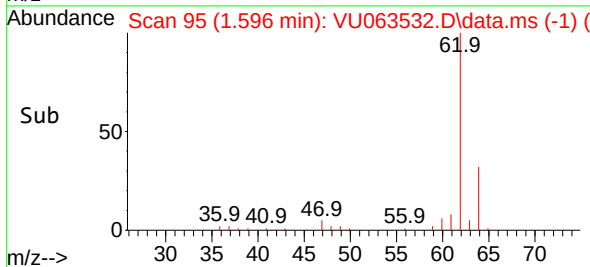
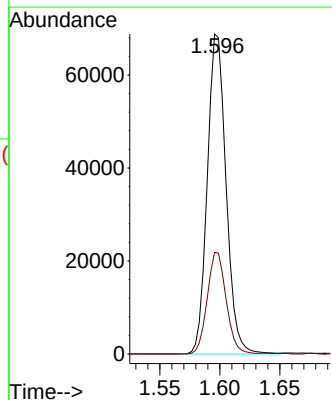
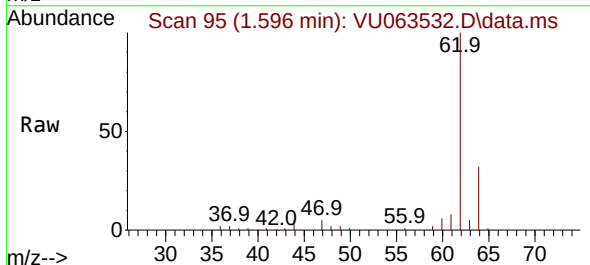
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

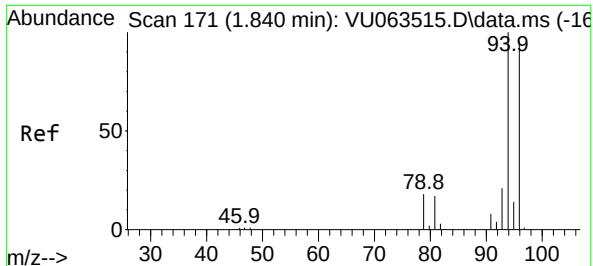
Tgt Ion: 50 Resp: 59882  
Ion Ratio Lower Upper  
50 100  
52 32.4 26.3 39.5



#4  
Vinyl Chloride  
Concen: 9.713 ug/l  
RT: 1.596 min Scan# 95  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 62 Resp: 75063  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.7 38.5

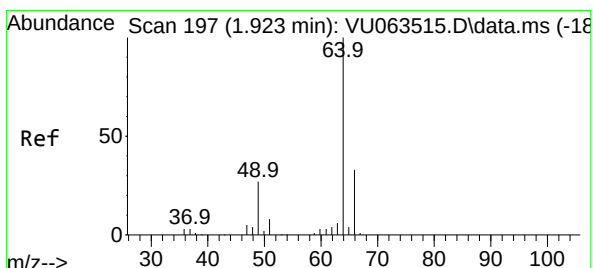
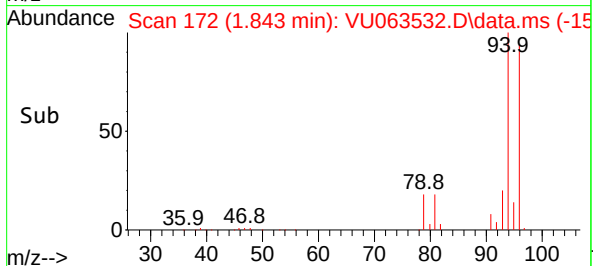
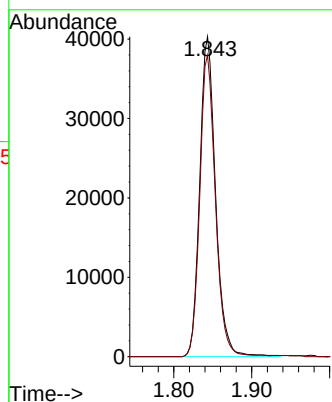
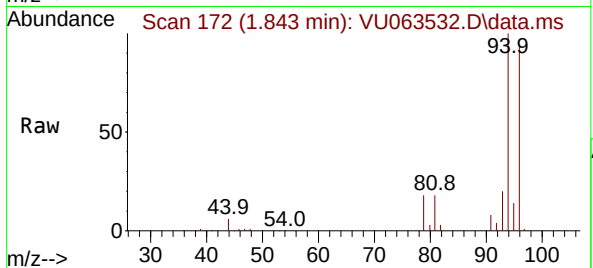




#5  
Bromomethane  
Concen: 9.778 ug/l  
RT: 1.843 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

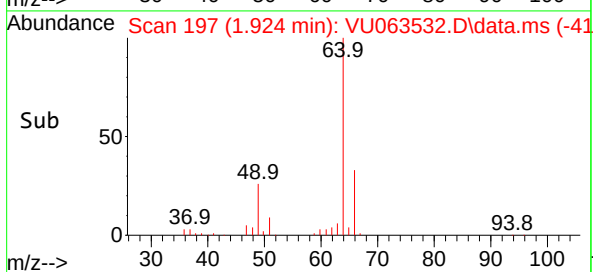
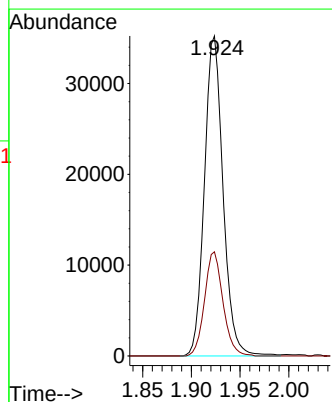
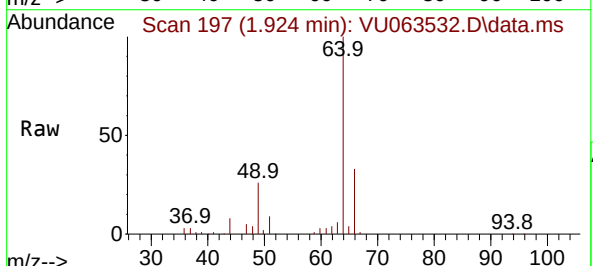
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

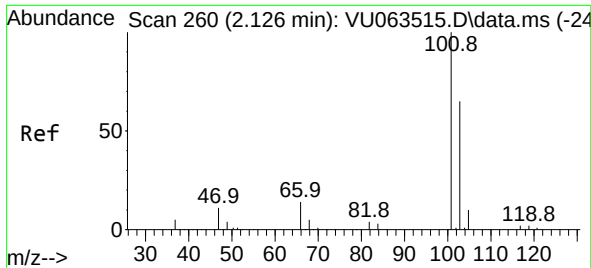
Tgt Ion: 94 Resp: 56979  
Ion Ratio Lower Upper  
94 100  
96 94.2 75.8 113.6



#6  
Chloroethane  
Concen: 10.032 ug/l  
RT: 1.924 min Scan# 197  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 64 Resp: 46809  
Ion Ratio Lower Upper  
64 100  
66 32.6 26.2 39.4

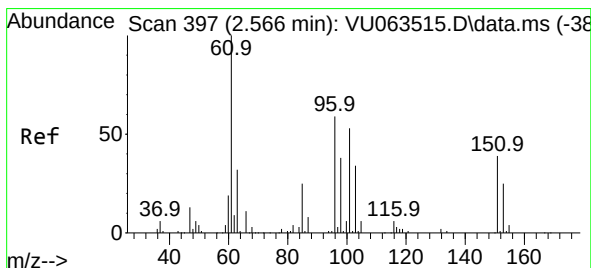
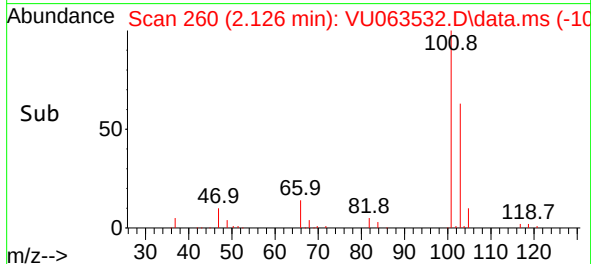
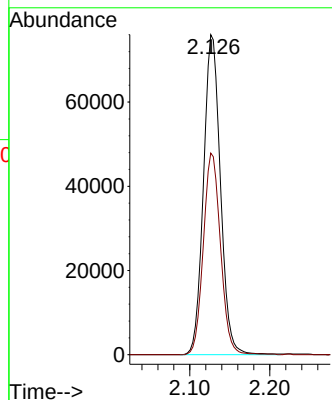
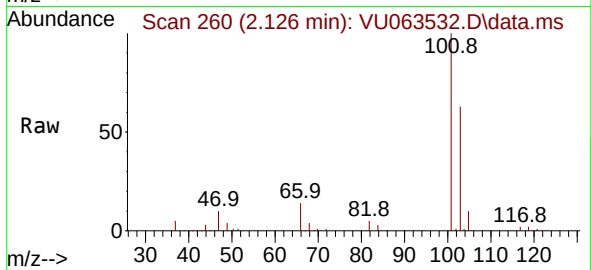




#7  
 Trichlorofluoromethane  
 Concen: 10.130 ug/l  
 RT: 2.126 min Scan# 2  
 Delta R.T. 0.000 min  
 Lab File: VU063532.D  
 Acq: 18 Jul 2025 09:11

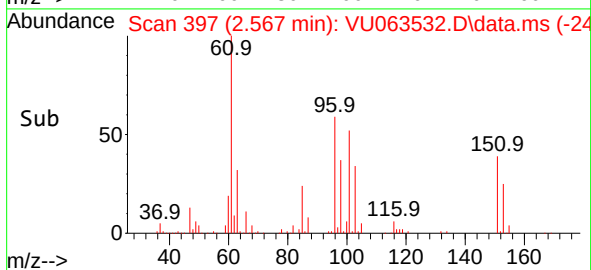
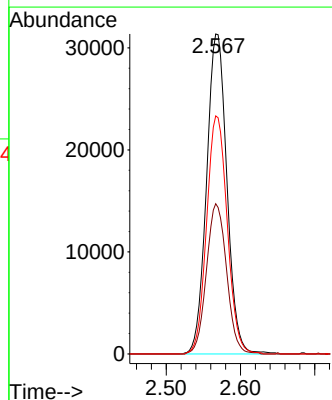
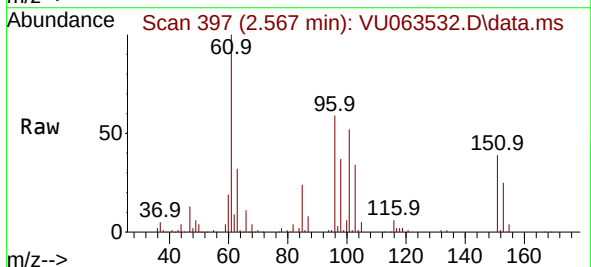
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

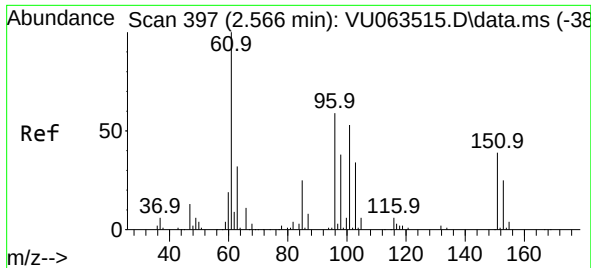
Tgt Ion:101 Resp: 112398  
 Ion Ratio Lower Upper  
 101 100  
 103 63.0 52.2 78.4



#8  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 10.278 ug/l  
 RT: 2.567 min Scan# 397  
 Delta R.T. 0.000 min  
 Lab File: VU063532.D  
 Acq: 18 Jul 2025 09:11

Tgt Ion:101 Resp: 59594  
 Ion Ratio Lower Upper  
 101 100  
 85 46.6 37.8 56.6  
 151 75.3 59.2 88.8

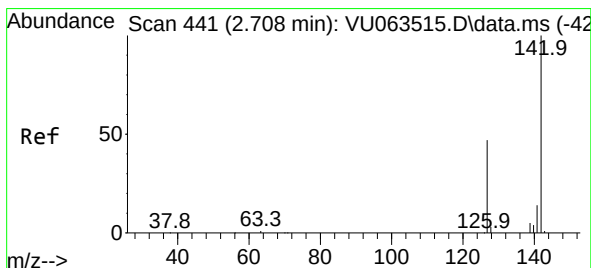
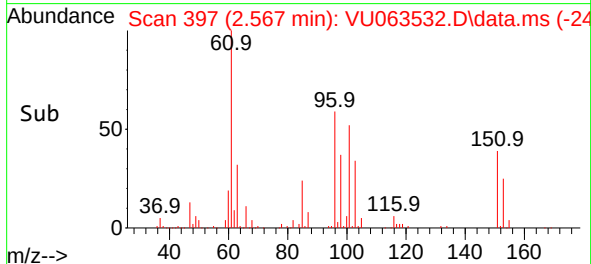
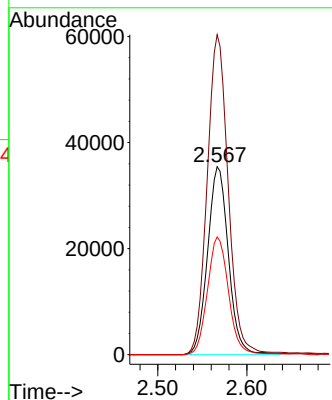
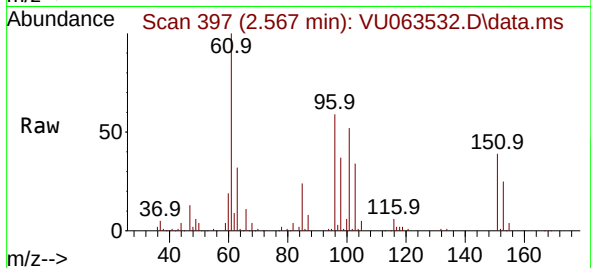




#9  
1,1-Dichloroethene  
Concen: 10.027 ug/l  
RT: 2.567 min Scan# 397  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

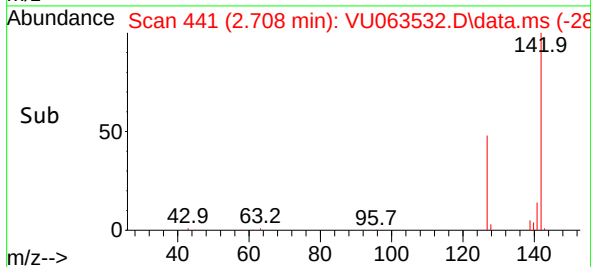
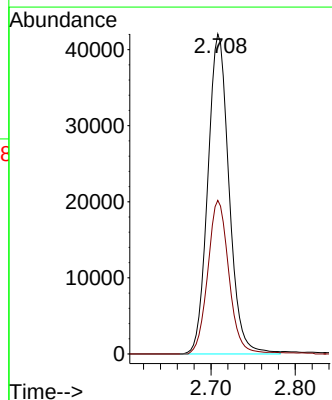
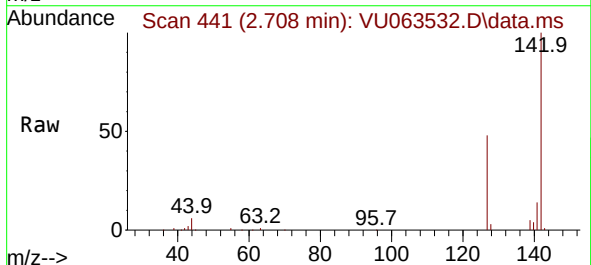
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 96 Resp: 57624  
Ion Ratio Lower Upper  
96 100  
61 170.2 0.0 504.3  
98 62.7 0.0 126.8

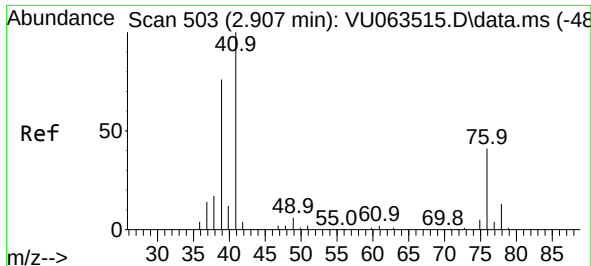


#10  
Iodomethane  
Concen: 8.700 ug/l  
RT: 2.708 min Scan# 441  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 142 Resp: 73635  
Ion Ratio Lower Upper  
142 100  
127 48.3 37.9 56.9



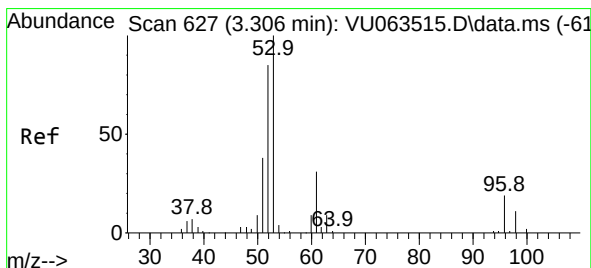
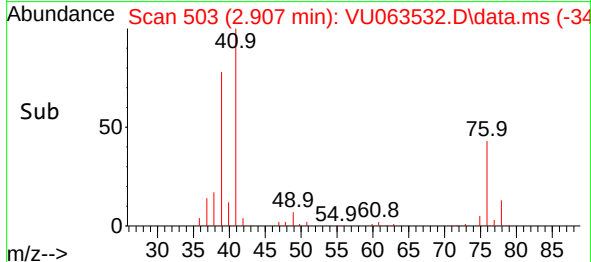
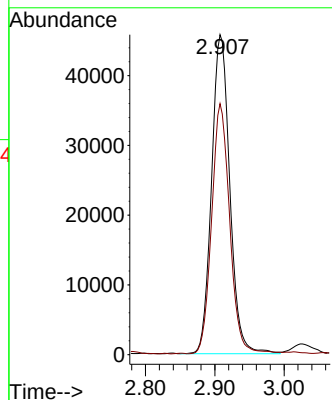
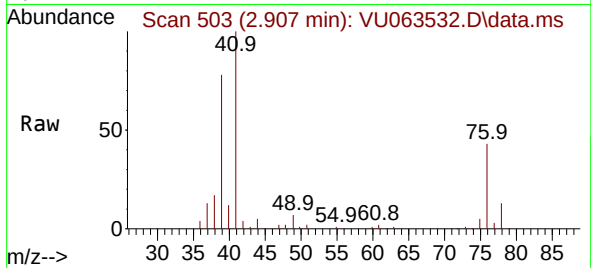




#11  
 Allyl Chloride  
 Concen: 10.065 ug/l  
 RT: 2.907 min Scan# 503  
 Delta R.T. 0.000 min  
 Lab File: VU063532.D  
 Acq: 18 Jul 2025 09:11

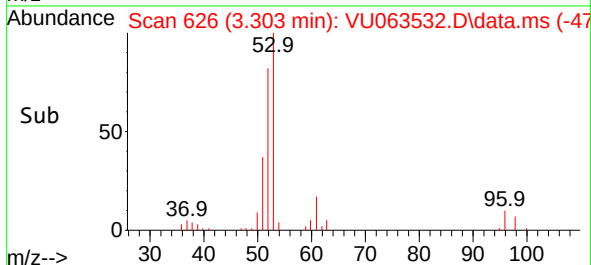
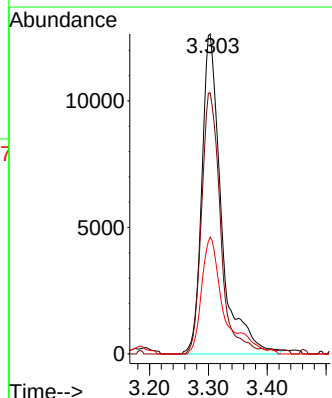
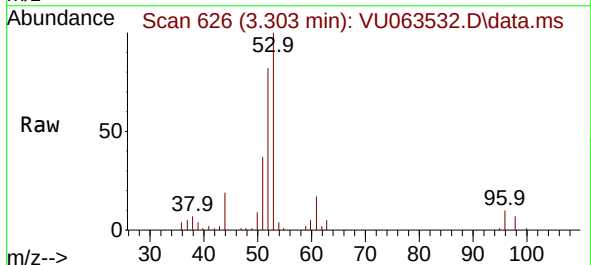
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

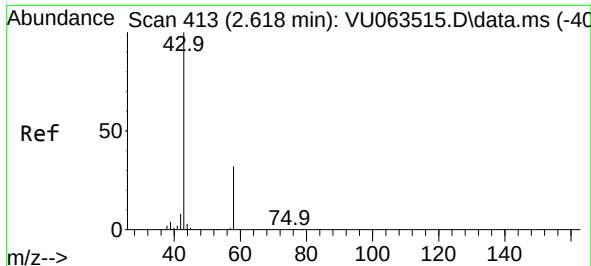
Tgt Ion: 41 Resp: 83570  
 Ion Ratio Lower Upper  
 41 100  
 39 77.7 61.5 92.3



#12  
 Acrylonitrile  
 Concen: 20.347 ug/l  
 RT: 3.303 min Scan# 626  
 Delta R.T. -0.003 min  
 Lab File: VU063532.D  
 Acq: 18 Jul 2025 09:11

Tgt Ion: 53 Resp: 29248  
 Ion Ratio Lower Upper  
 53 100  
 52 79.2 64.3 96.5  
 51 36.5 27.8 41.8

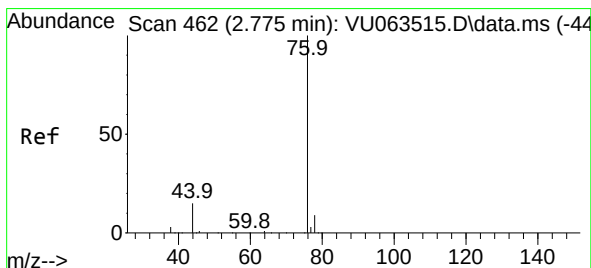
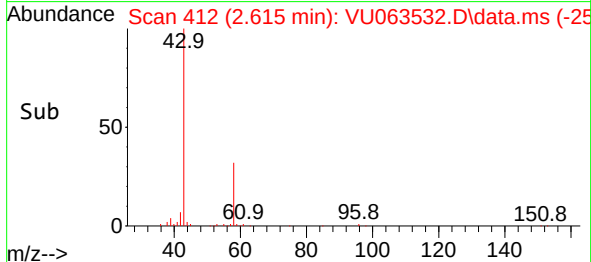
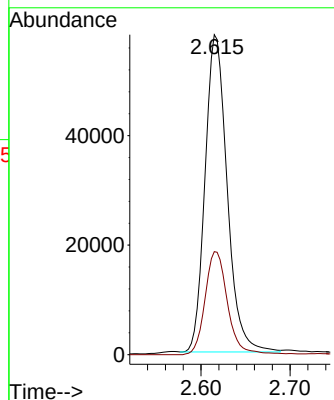
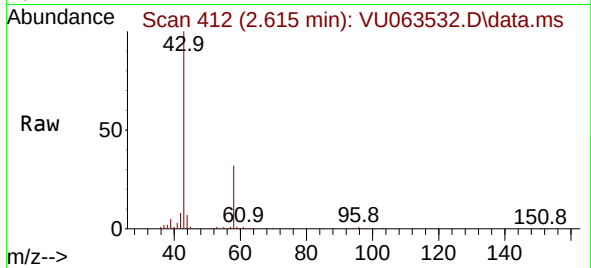




#13  
Acetone  
Concen: 86.744 ug/l  
RT: 2.615 min Scan# 411  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

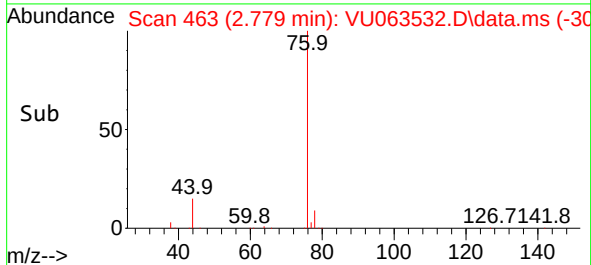
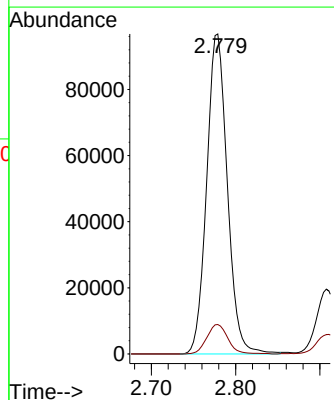
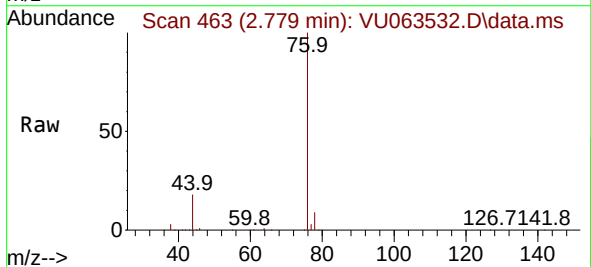
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

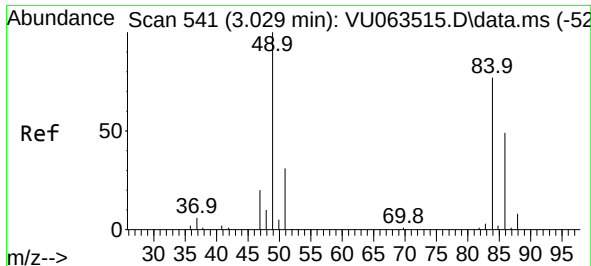
Tgt Ion: 43 Resp: 99900  
Ion Ratio Lower Upper  
43 100  
58 32.5 25.4 38.0



#14  
Carbon Disulfide  
Concen: 8.892 ug/l  
RT: 2.779 min Scan# 463  
Delta R.T. 0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 76 Resp: 165060  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6



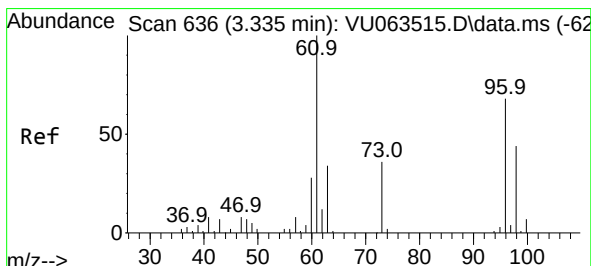
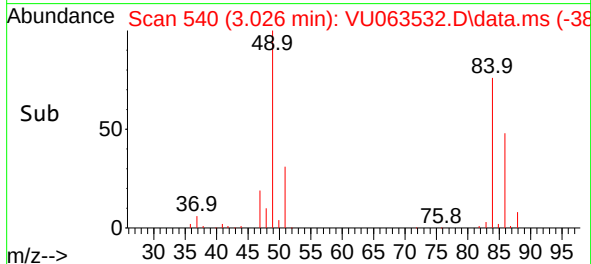
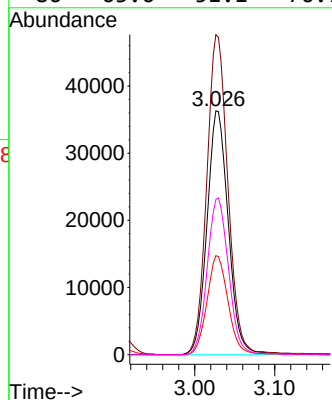
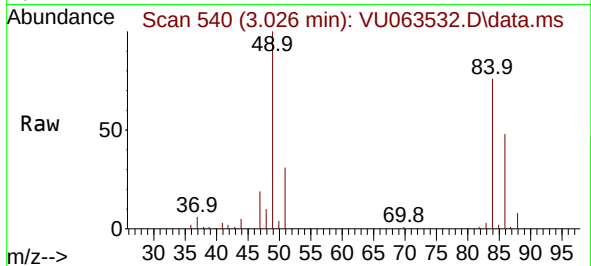


#15  
Methylene Chloride  
Concen: 9.932 ug/l  
RT: 3.026 min Scan# 541  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 84 Resp: 67208

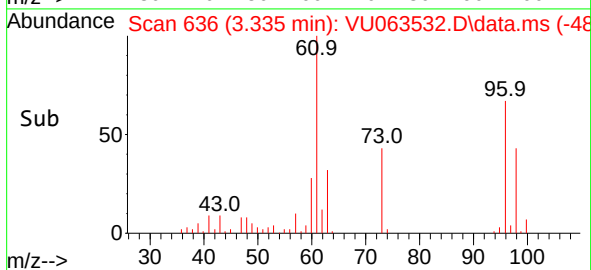
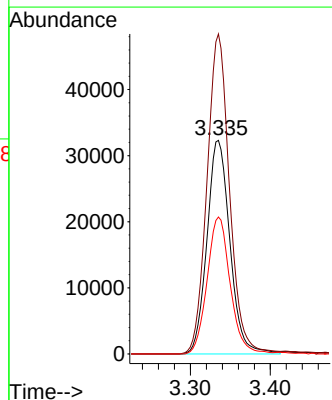
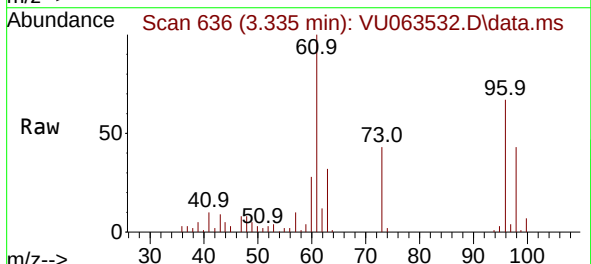
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 131.2 | 103.8 | 155.8 |
| 51  | 40.6  | 0.0   | 80.4  |
| 86  | 63.6  | 51.1  | 76.7  |

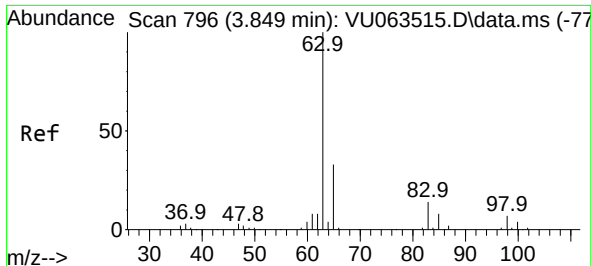


#16  
trans-1,2-Dichloroethene  
Concen: 9.902 ug/l  
RT: 3.335 min Scan# 636  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 96 Resp: 64633

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 149.8 | 117.2 | 175.8 |
| 98  | 64.1  | 51.4  | 77.2  |

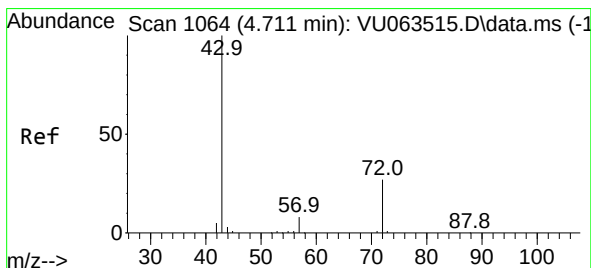
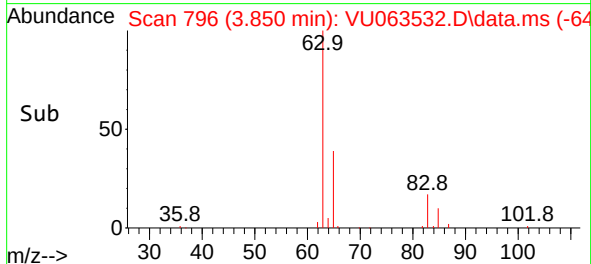
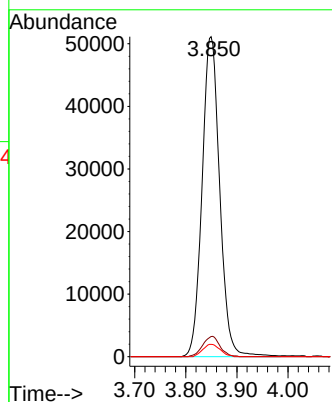
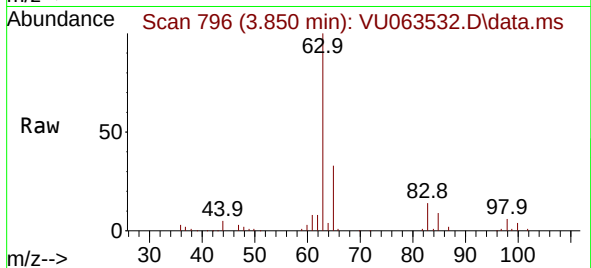




#17  
1,1-Dichloroethane  
Concen: 10.126 ug/l  
RT: 3.850 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

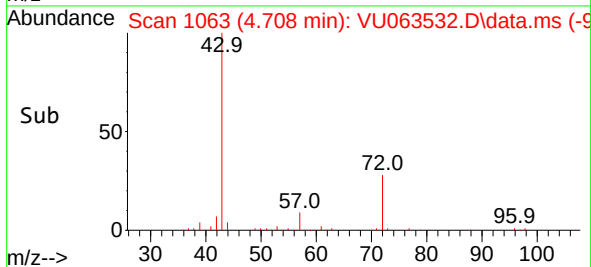
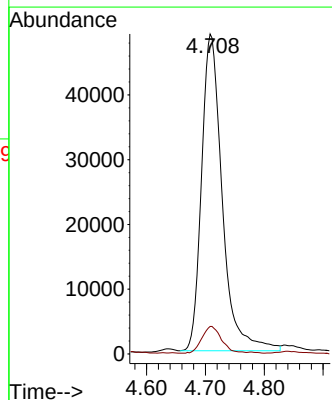
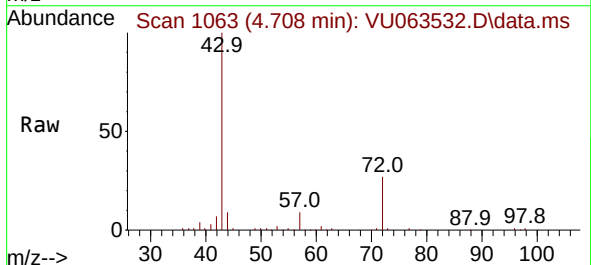
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

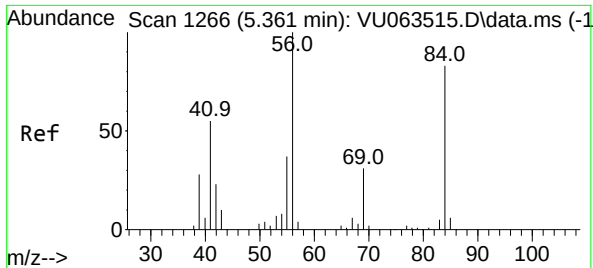
Tgt Ion: 63 Resp: 122501  
Ion Ratio Lower Upper  
63 100  
98 6.3 3.4 10.2  
100 3.9 2.1 6.2



#18  
2-Butanone  
Concen: 67.111 ug/l  
RT: 4.708 min Scan# 1063  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 43 Resp: 119694  
Ion Ratio Lower Upper  
43 100  
57 8.1 0.0 16.4

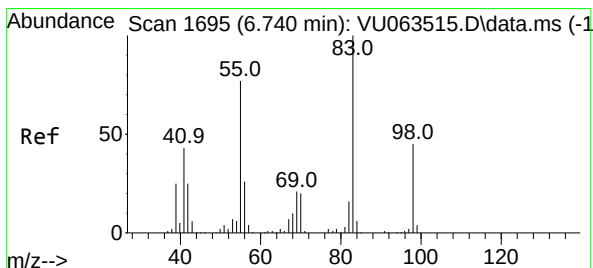
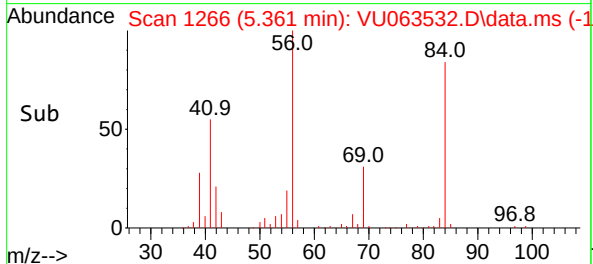
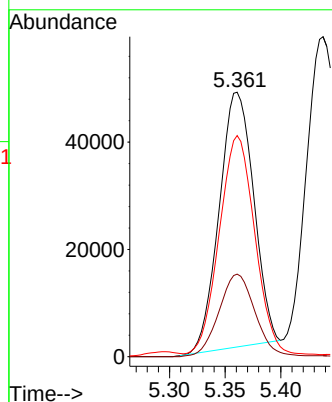
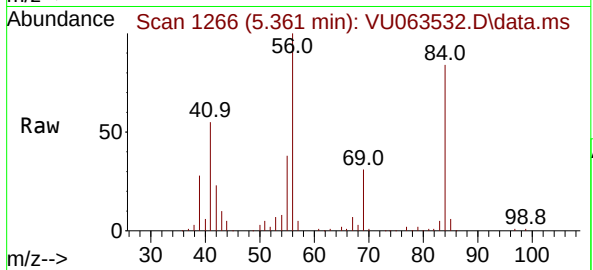




#19  
Cyclohexane  
Concen: 10.008 ug/l  
RT: 5.361 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

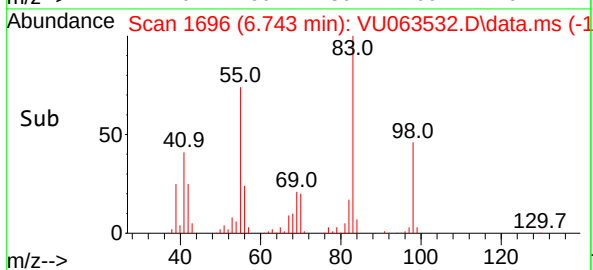
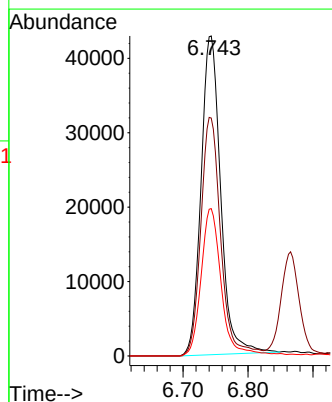
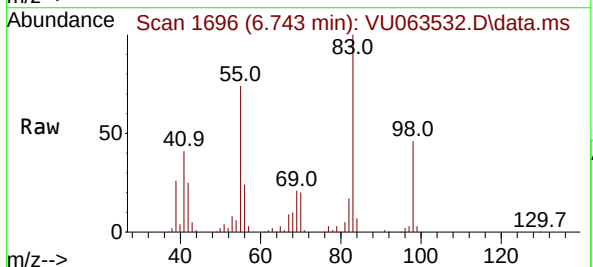
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

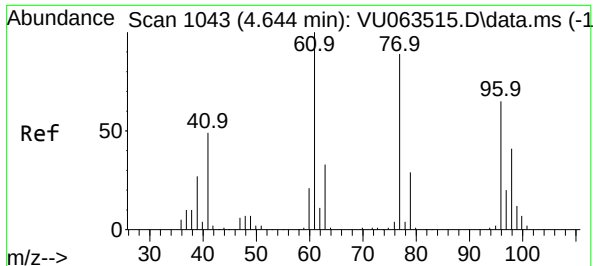
Tgt Ion: 56 Resp: 102519  
Ion Ratio Lower Upper  
56 100  
69 33.3 26.6 39.8  
84 87.7 71.0 106.4



#20  
Methylcyclohexane  
Concen: 9.053 ug/l  
RT: 6.743 min Scan# 1696  
Delta R.T. 0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 83 Resp: 90134  
Ion Ratio Lower Upper  
83 100  
55 73.0 60.6 90.8  
98 46.8 35.8 53.8





#21

2,2-Dichloropropane

Concen: 9.992 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA\_U

ClientSampleId :

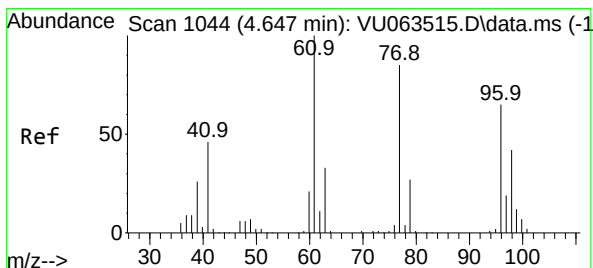
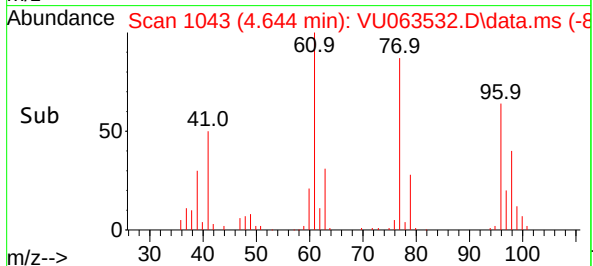
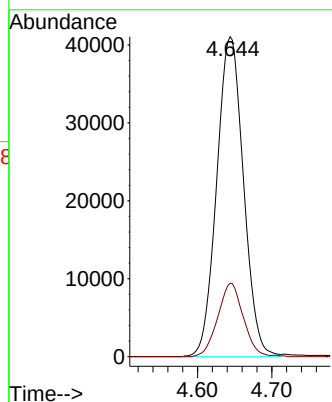
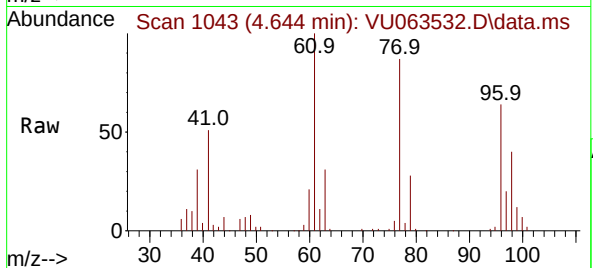
VSTDCCC010

Tgt Ion: 77 Resp: 102934

Ion Ratio Lower Upper

77 100

97 21.8 17.8 26.8



#22

cis-1,2-Dichloroethene

Concen: 10.076 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

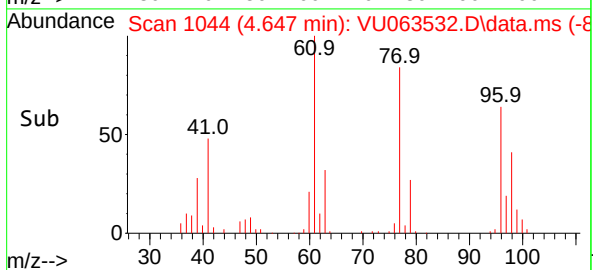
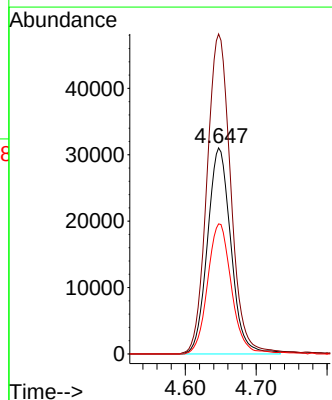
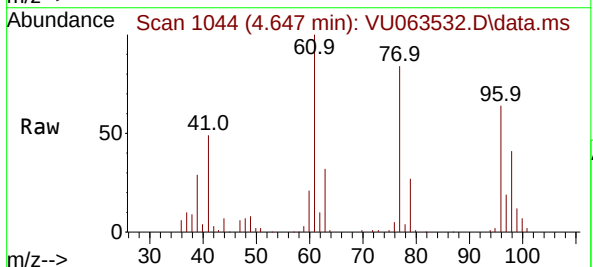
Tgt Ion: 96 Resp: 71370

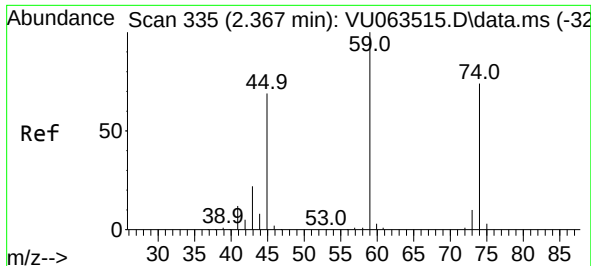
Ion Ratio Lower Upper

96 100

61 157.8 0.0 384.7

98 64.1 32.1 96.3

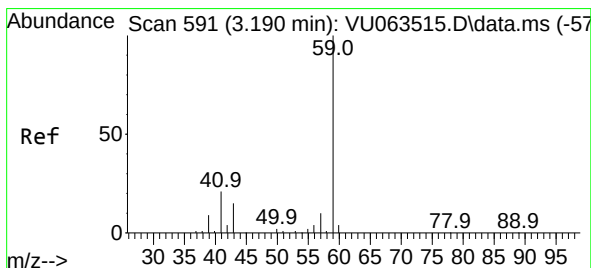
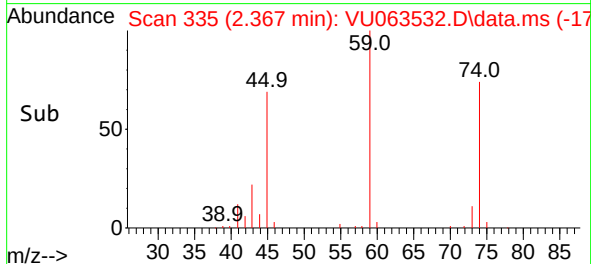
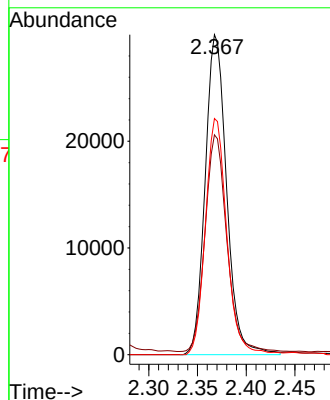
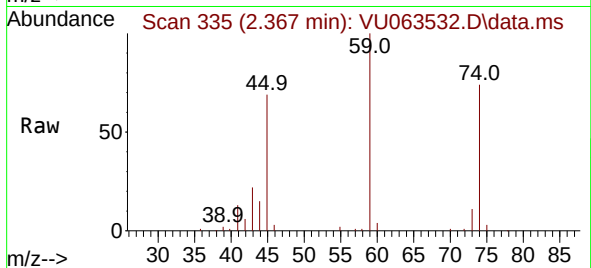




#23  
Diethyl Ether  
Concen: 10.482 ug/l  
RT: 2.367 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

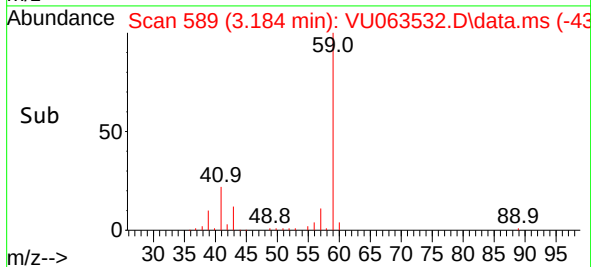
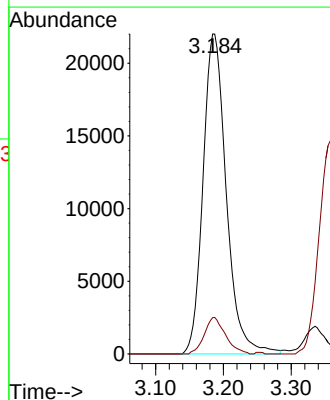
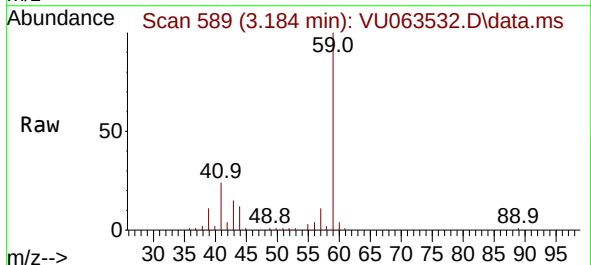
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

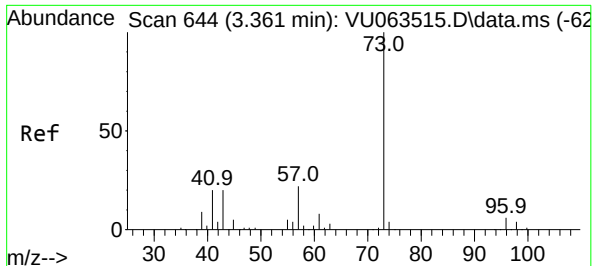
Tgt Ion: 59 Resp: 45906  
Ion Ratio Lower Upper  
59 100  
45 68.2 55.1 82.7  
74 73.6 58.2 87.4



#24  
tert-Butyl Alcohol  
Concen: 99.368 ug/l  
RT: 3.184 min Scan# 589  
Delta R.T. -0.006 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 59 Resp: 52532  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.6 12.8

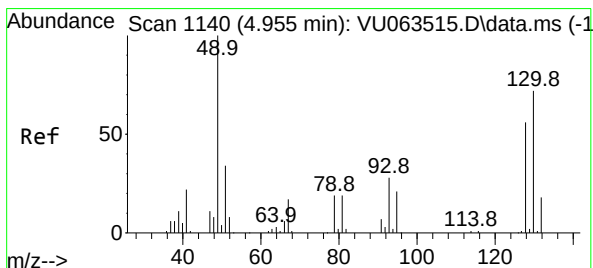
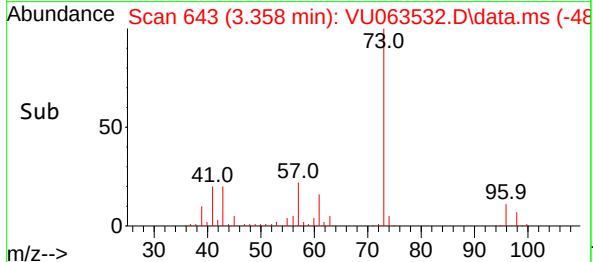
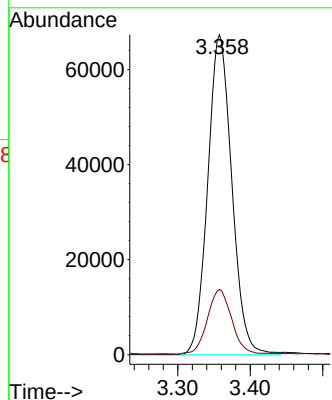
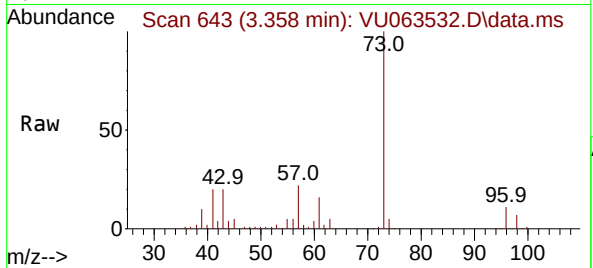




#25  
Methyl tert-Butyl Ether  
Concen: 10.348 ug/l  
RT: 3.358 min Scan# 64  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

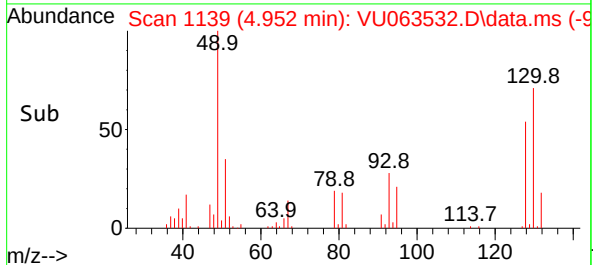
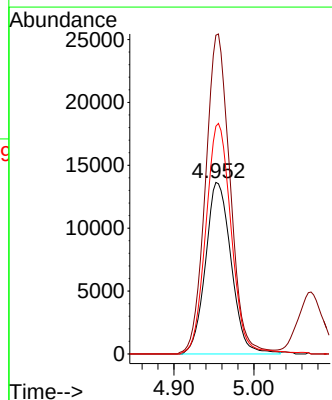
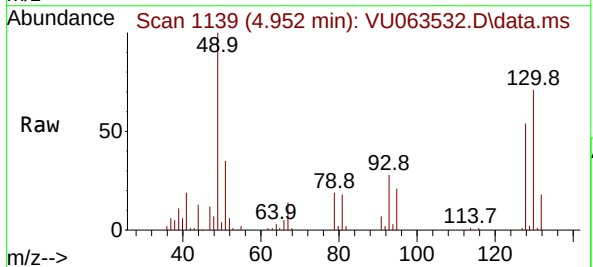
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 73 Resp: 155262  
Ion Ratio Lower Upper  
73 100  
43 20.1 16.2 24.2

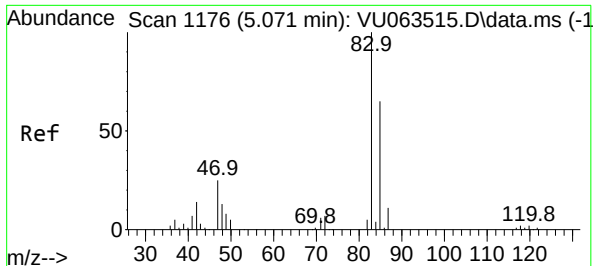


#26  
Bromochloromethane  
Concen: 10.279 ug/l  
RT: 4.952 min Scan# 1139  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 128 Resp: 30399  
Ion Ratio Lower Upper  
128 100  
49 179.2 0.0 340.8  
130 133.3 100.5 150.7







#27

Chloroform

Concen: 10.340 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA\_U

ClientSampleId :

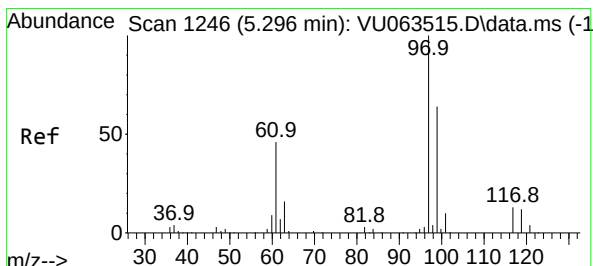
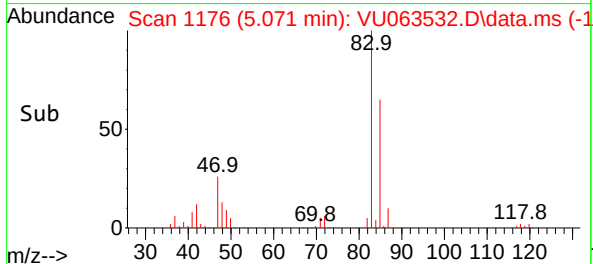
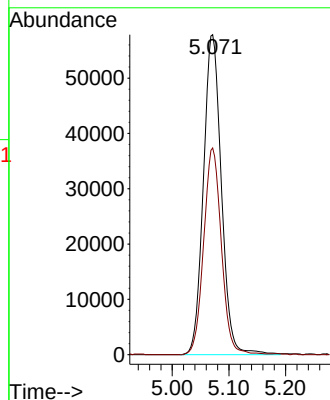
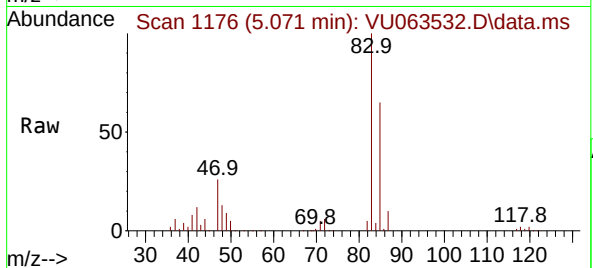
VSTDCCC010

Tgt Ion: 83 Resp: 127644

Ion Ratio Lower Upper

83 100

85 64.6 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 10.278 ug/l

RT: 5.293 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

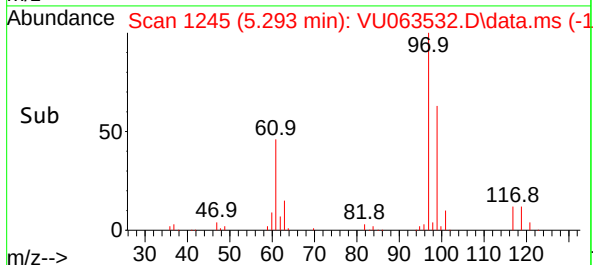
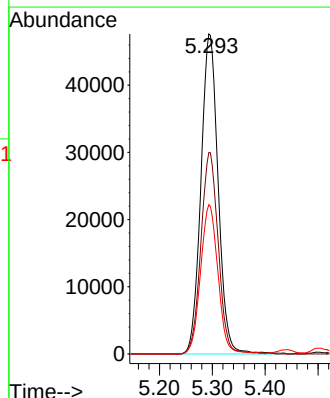
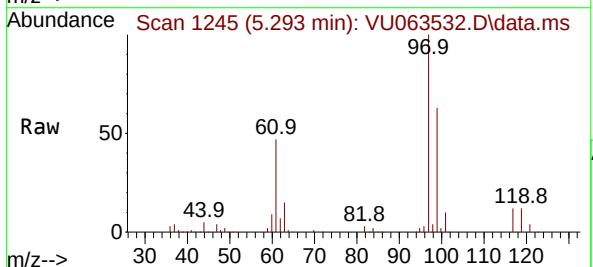
Tgt Ion: 97 Resp: 107685

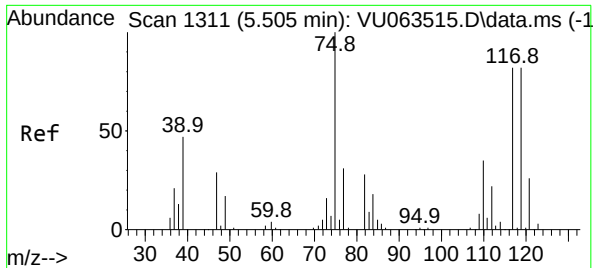
Ion Ratio Lower Upper

97 100

99 63.4 31.8 95.3

61 47.2 23.3 69.9

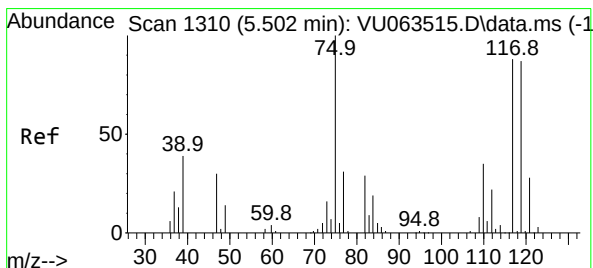
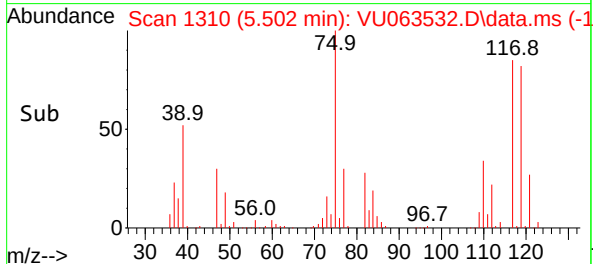
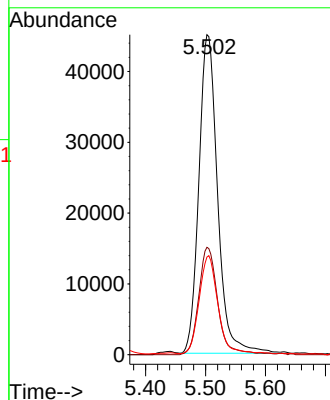
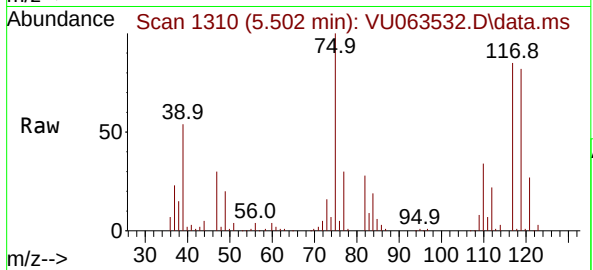




#29  
1,1-Dichloropropene  
Concen: 10.077 ug/l  
RT: 5.502 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

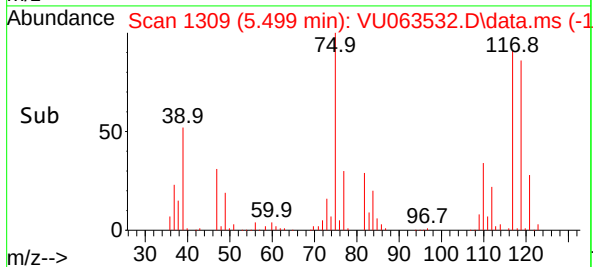
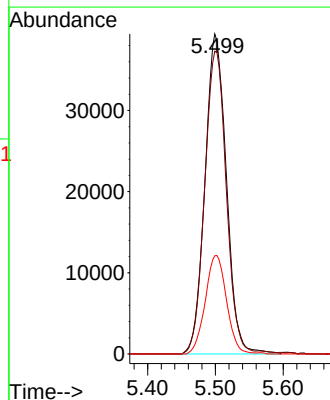
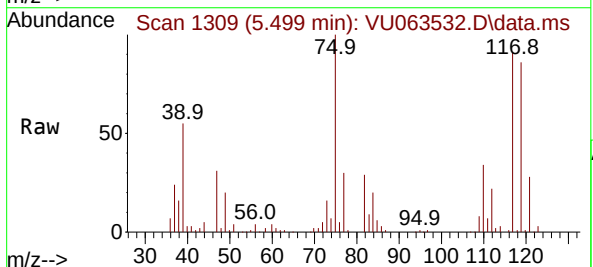
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

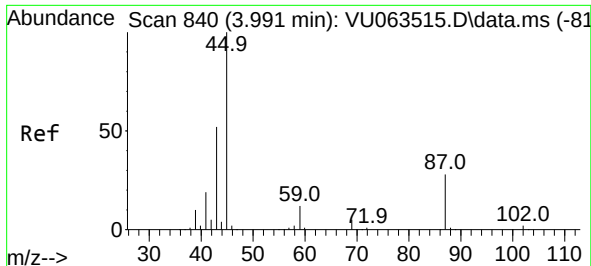
Tgt Ion: 75 Resp: 97809  
Ion Ratio Lower Upper  
75 100  
110 34.0 17.8 53.4  
77 30.4 24.6 37.0



#30  
Carbon Tetrachloride  
Concen: 10.264 ug/l  
RT: 5.499 min Scan# 1309  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 117 Resp: 86562  
Ion Ratio Lower Upper  
117 100  
119 94.6 79.2 118.8  
121 30.7 25.5 38.3

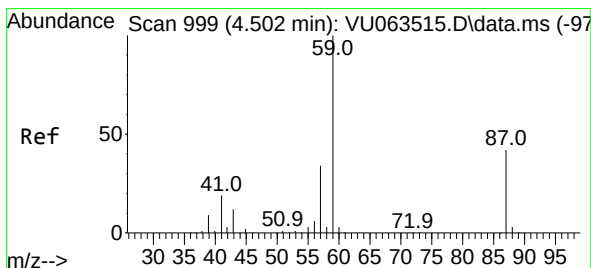
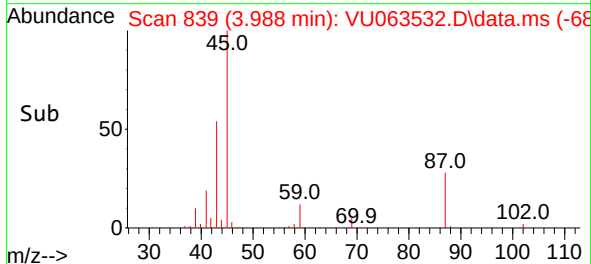
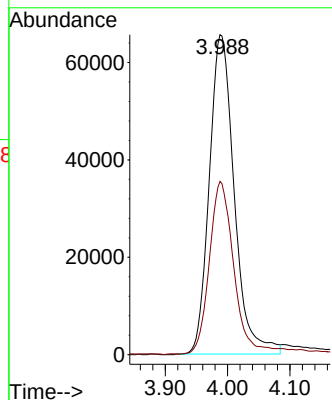
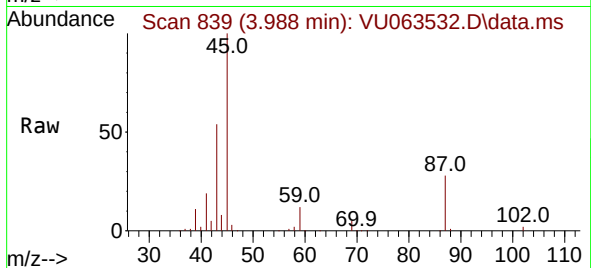




#31  
Isopropyl Ether  
Concen: 9.983 ug/l  
RT: 3.988 min Scan# 81  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

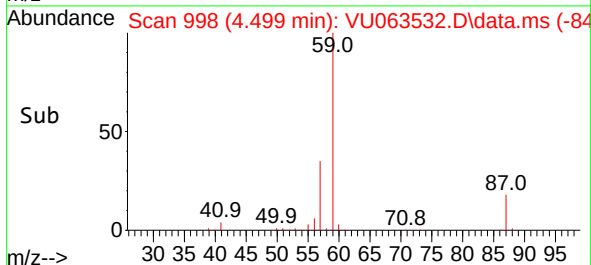
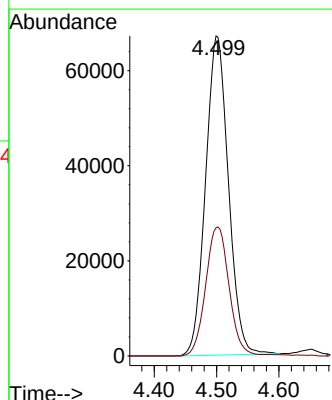
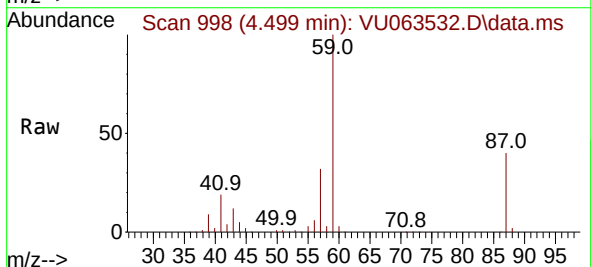
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

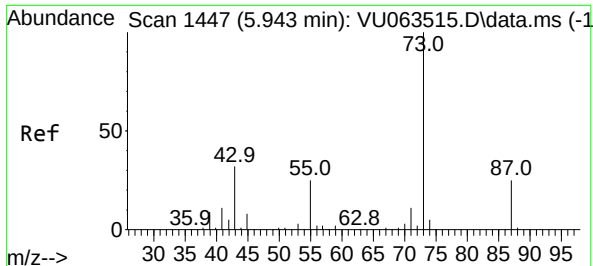
Tgt Ion: 45 Resp: 182312  
Ion Ratio Lower Upper  
45 100  
43 53.8 25.7 77.0



#32  
Ethyl-t-butyl ether  
Concen: 10.117 ug/l  
RT: 4.499 min Scan# 998  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 59 Resp: 170978  
Ion Ratio Lower Upper  
59 100  
87 40.7 32.6 49.0

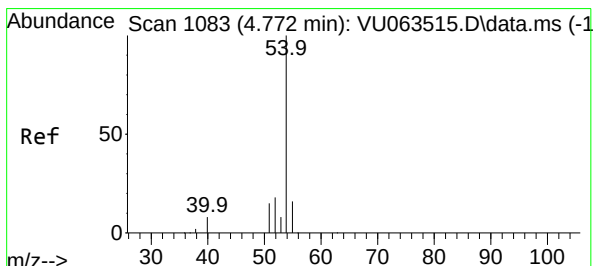
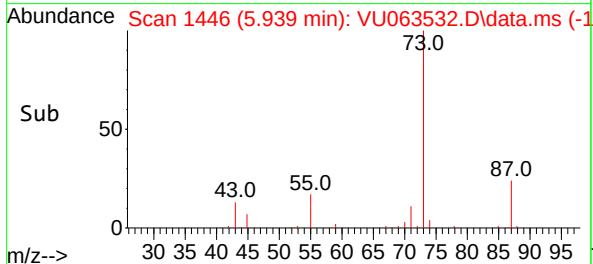
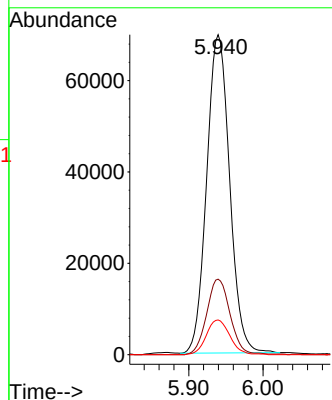
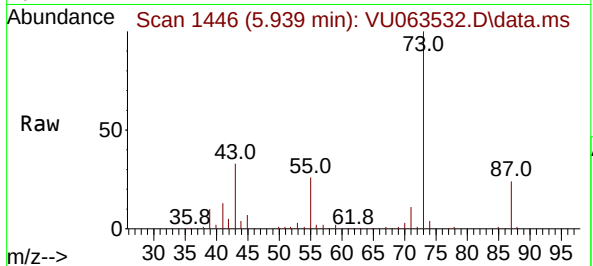




#33  
Tert-Amyl methyl ether  
Concen: 10.191 ug/l  
RT: 5.939 min Scan# 1446  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

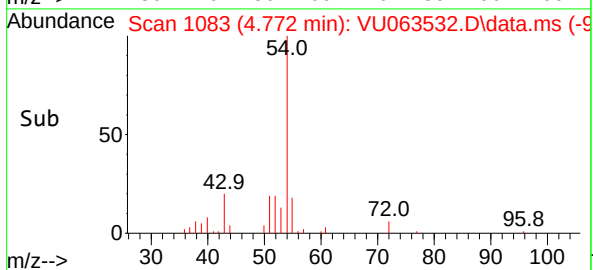
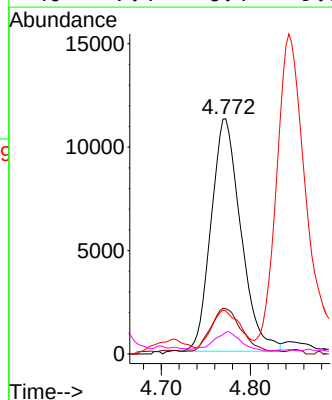
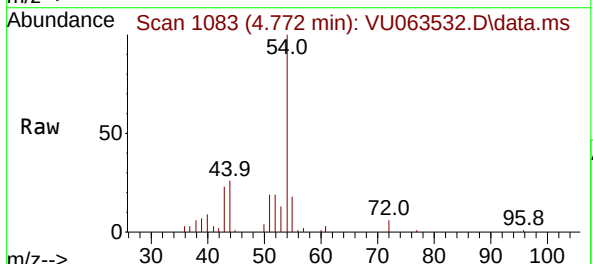
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

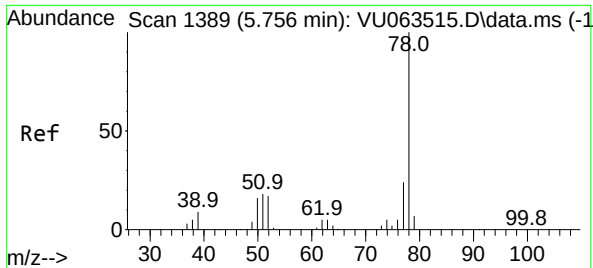
Tgt Ion: 73 Resp: 149469  
Ion Ratio Lower Upper  
73 100  
87 23.9 19.4 29.2  
71 11.2 8.9 13.3



#34  
Propionitrile  
Concen: 47.974 ug/l  
RT: 4.772 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 54 Resp: 26069  
Ion Ratio Lower Upper  
54 100  
52 19.2 17.0 25.4  
55 16.2 13.6 20.4  
40 7.4 6.4 9.6

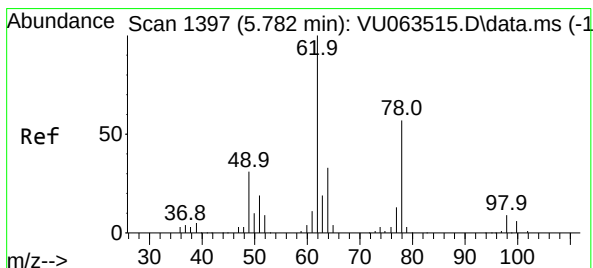
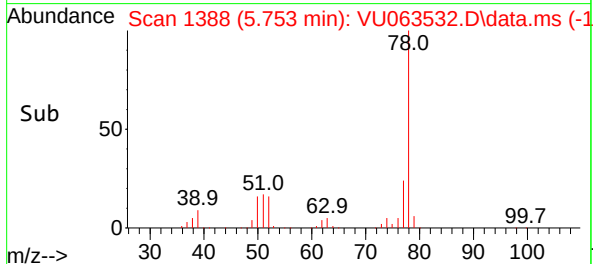
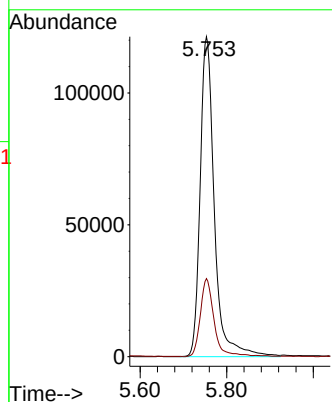
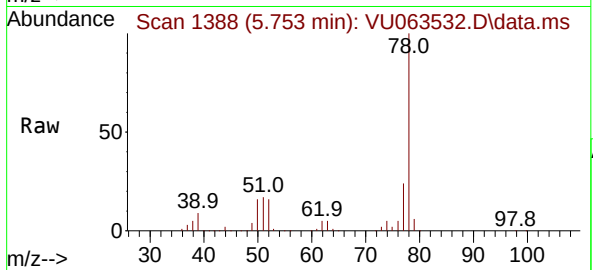




#35  
Benzene  
Concen: 10.575 ug/l  
RT: 5.753 min Scan# 1388  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

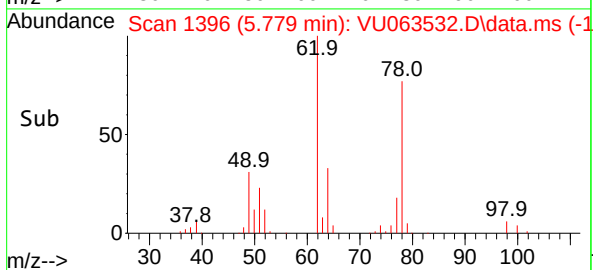
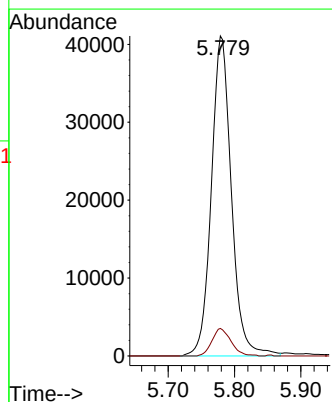
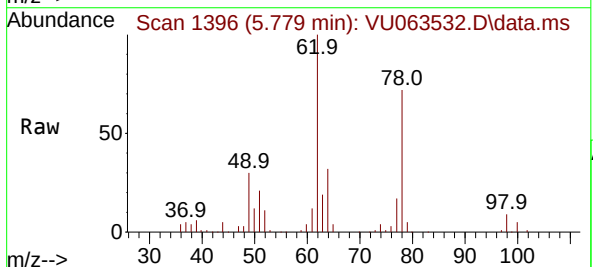
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

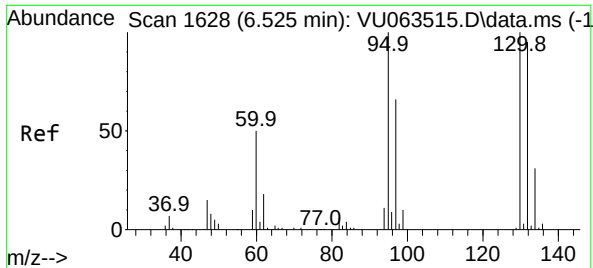
Tgt Ion: 78 Resp: 275788  
Ion Ratio Lower Upper  
78 100  
77 24.3 19.4 29.2



#36  
1,2-Dichloroethane  
Concen: 10.641 ug/l  
RT: 5.779 min Scan# 1396  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 62 Resp: 86224  
Ion Ratio Lower Upper  
62 100  
98 8.2 6.4 9.6

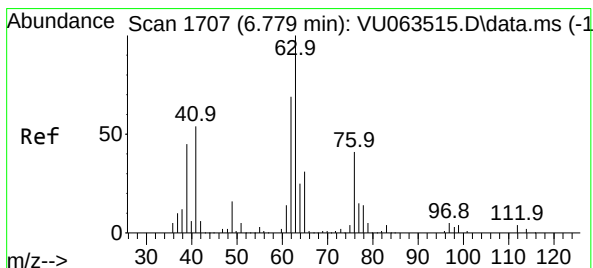
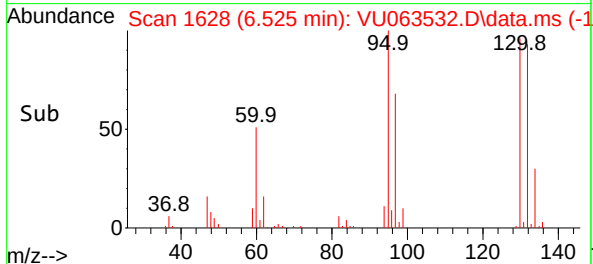
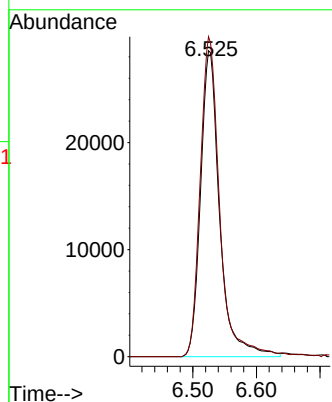
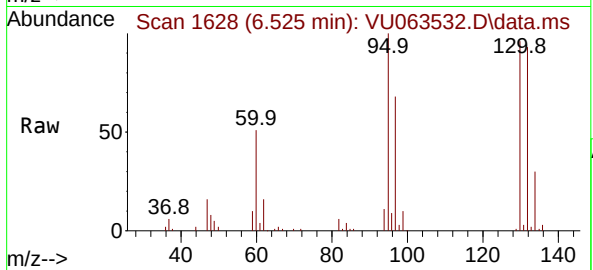




#37  
Trichloroethene  
Concen: 8.950 ug/l  
RT: 6.525 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

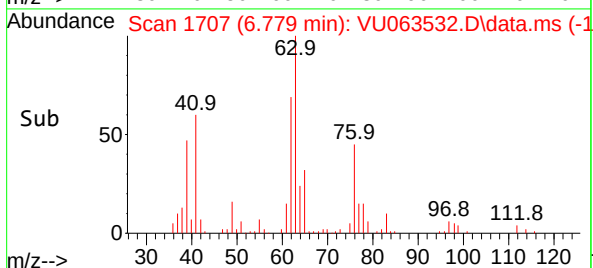
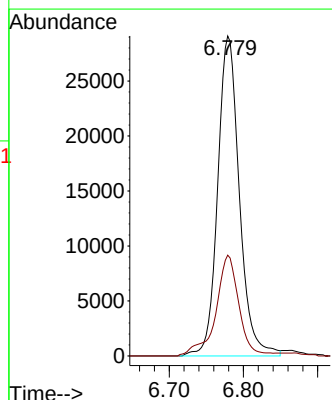
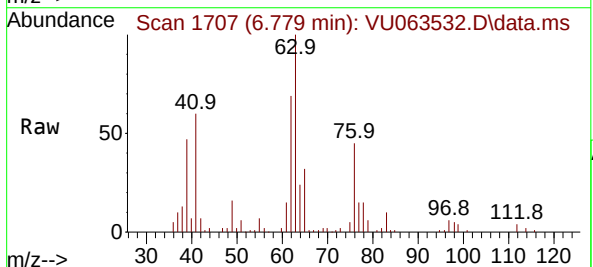
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

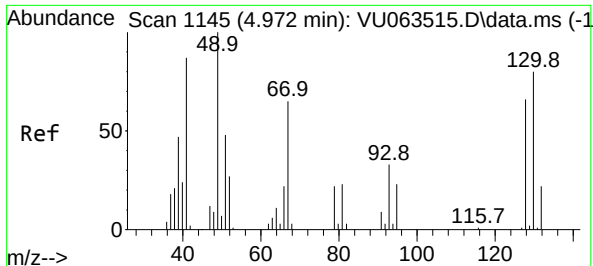
Tgt Ion:130 Resp: 59552  
Ion Ratio Lower Upper  
130 100  
95 104.6 80.3 120.5



#38  
1,2-Dichloropropane  
Concen: 9.683 ug/l  
RT: 6.779 min Scan# 1707  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 63 Resp: 59104  
Ion Ratio Lower Upper  
63 100  
65 31.1 24.6 36.8

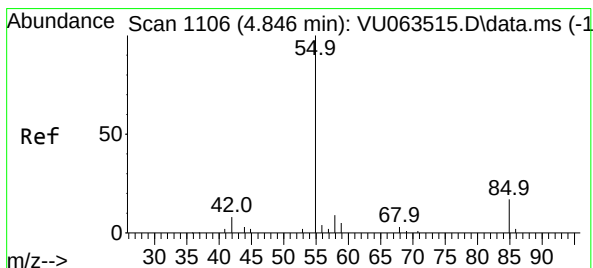
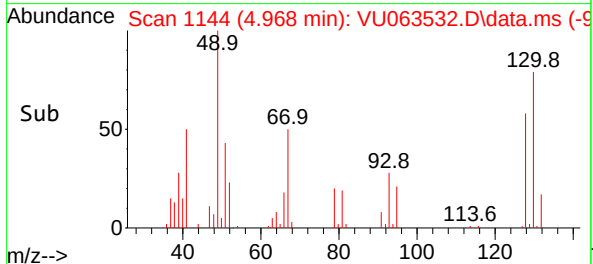
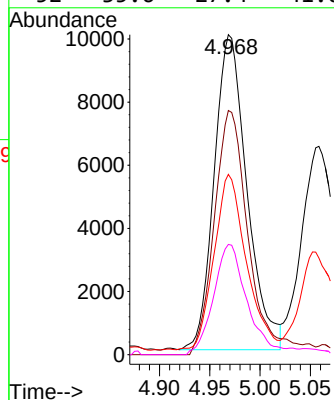
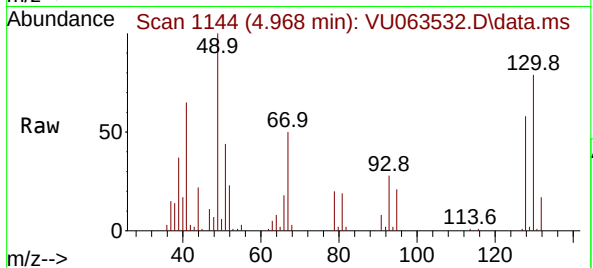




#39  
Methacrylonitrile  
Concen: 9.375 ug/l  
RT: 4.968 min Scan# 1144  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

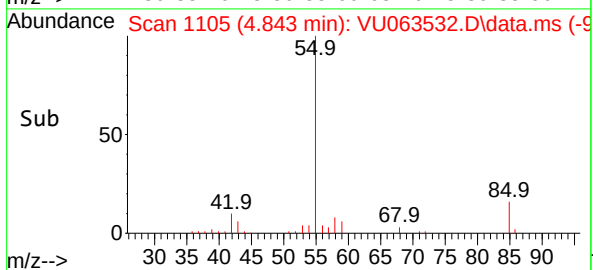
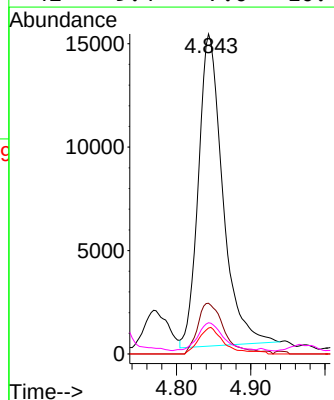
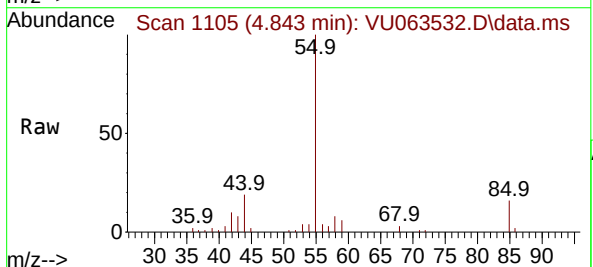
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

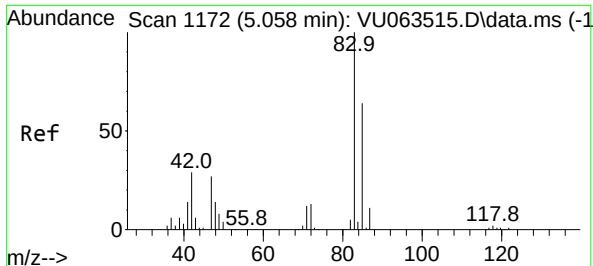
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 22645 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 67       | 80.3  | 62.7  | 94.1  |
| 39       | 54.6  | 43.1  | 64.7  |
| 52       | 35.6  | 27.4  | 41.0  |



#40  
Methyl acrylate  
Concen: 9.721 ug/l  
RT: 4.843 min Scan# 1105  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 55    | Resp: | 34325 |
| Ion      | Ratio | Lower | Upper |
| 55       | 100   |       |       |
| 85       | 17.6  | 12.8  | 19.2  |
| 58       | 8.9   | 7.0   | 10.4  |
| 42       | 9.4   | 7.0   | 10.4  |





#41

Tetrahydrofuran

Concen: 18.783 ug/l

RT: 5.055 min Scan# 1172

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

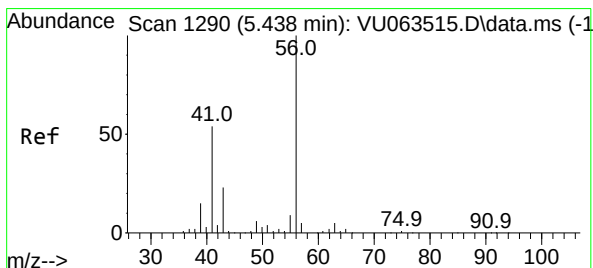
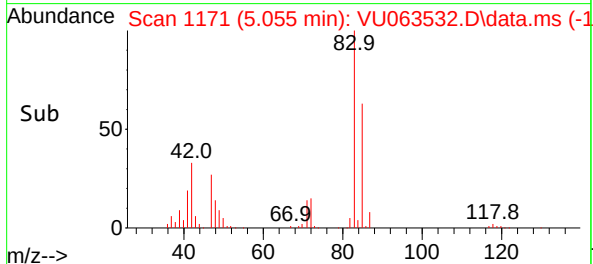
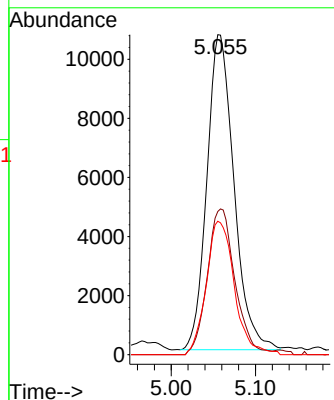
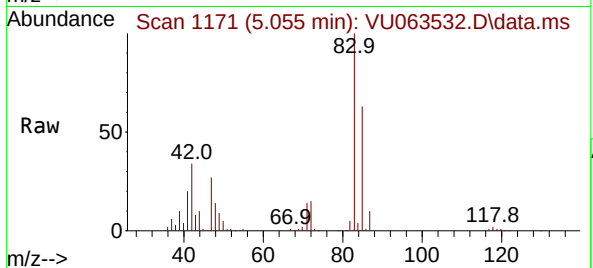
Tgt Ion: 42 Resp: 23866

Ion Ratio Lower Upper

42 100

72 47.3 39.2 58.8

71 43.7 34.8 52.2



#42

1-Chlorobutane

Concen: 10.334 ug/l

RT: 5.438 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VU063532.D

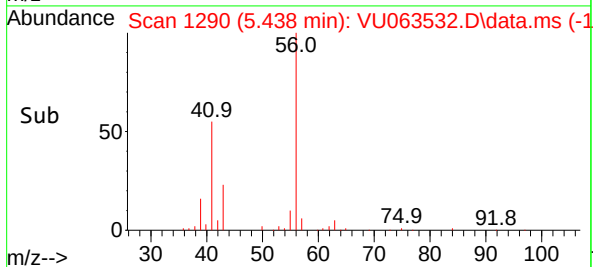
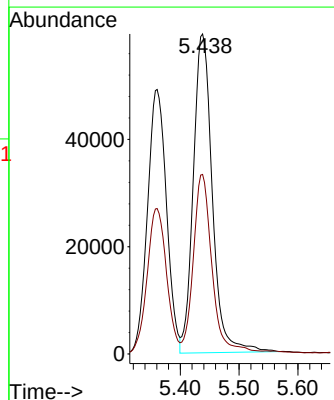
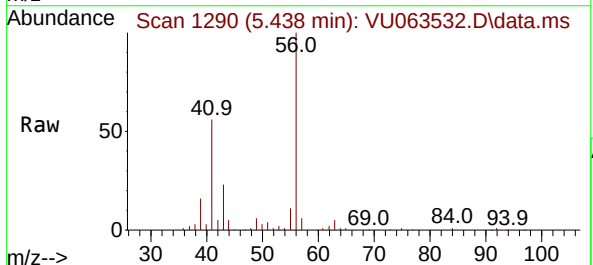
Acq: 18 Jul 2025 09:11

Tgt Ion: 56 Resp: 133351

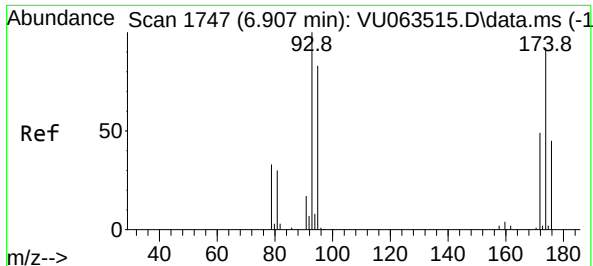
Ion Ratio Lower Upper

56 100

41 53.4 26.7 80.0



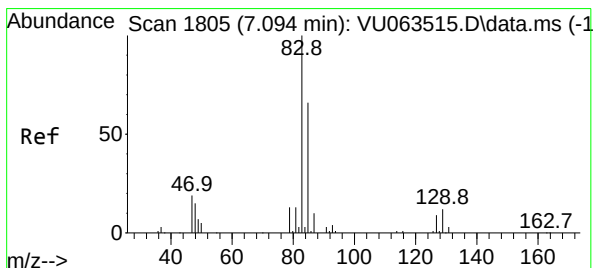
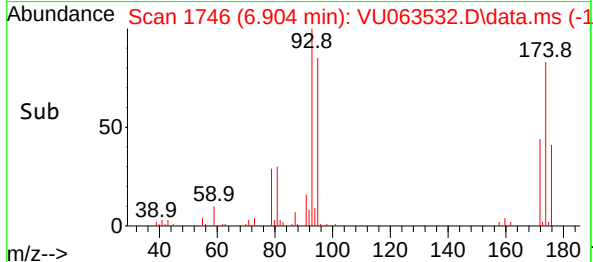
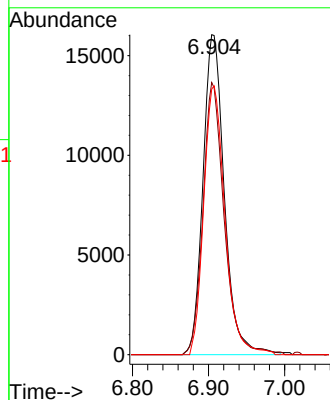
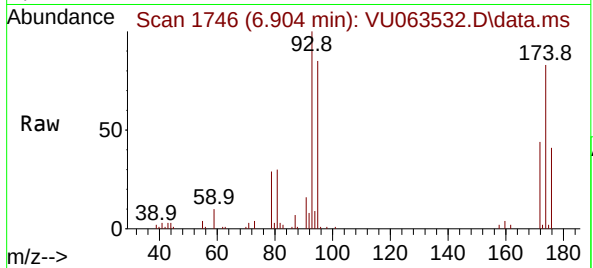




#43  
Dibromomethane  
Concen: 9.911 ug/l  
RT: 6.904 min Scan# 1746  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

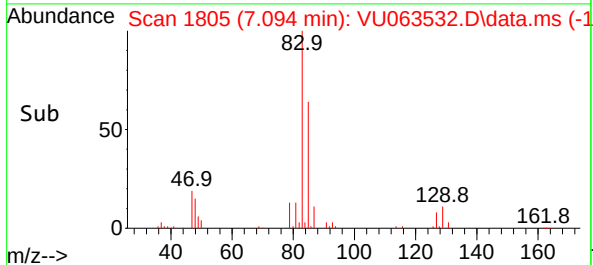
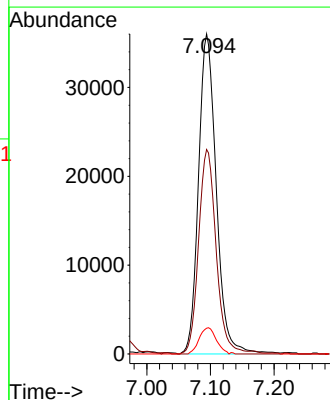
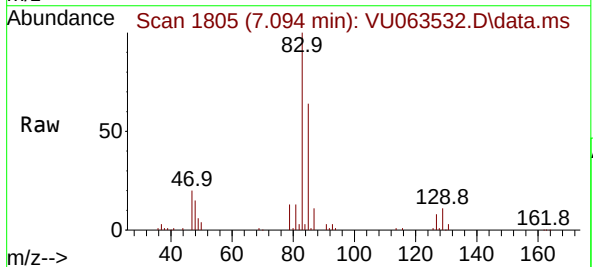
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

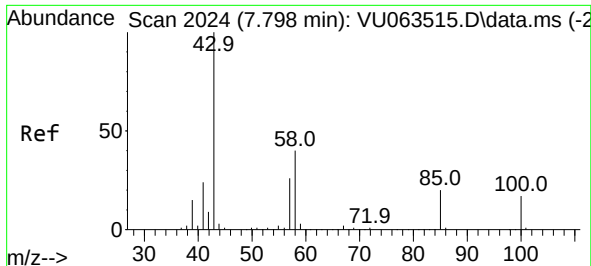
Tgt Ion: 93 Resp: 31338  
Ion Ratio Lower Upper  
93 100  
95 84.9 67.9 101.9  
174 83.8 74.6 111.8



#44  
Bromodichloromethane  
Concen: 9.806 ug/l  
RT: 7.094 min Scan# 1805  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 83 Resp: 69921  
Ion Ratio Lower Upper  
83 100  
85 63.9 52.7 79.1  
127 9.0 8.1 12.1

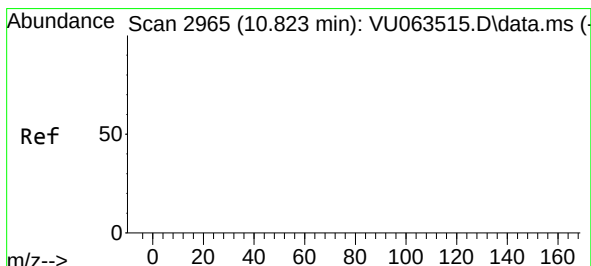
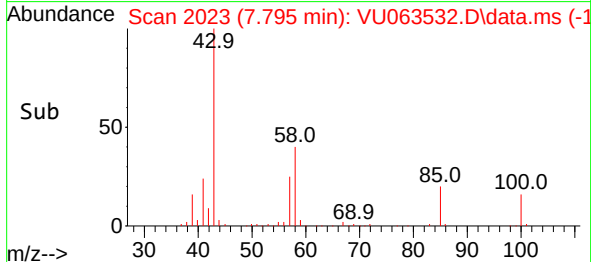
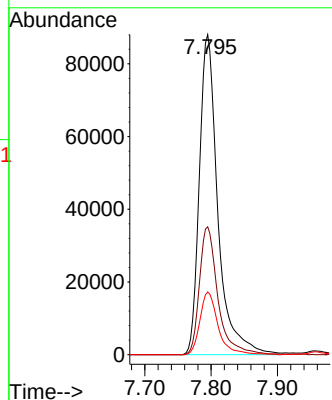
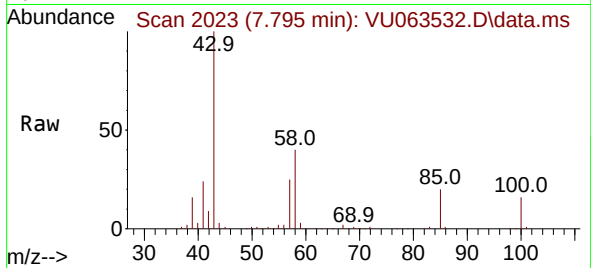




#45  
4-Methyl-2-Pentanone  
Concen: 52.342 ug/l  
RT: 7.795 min Scan# 2024  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

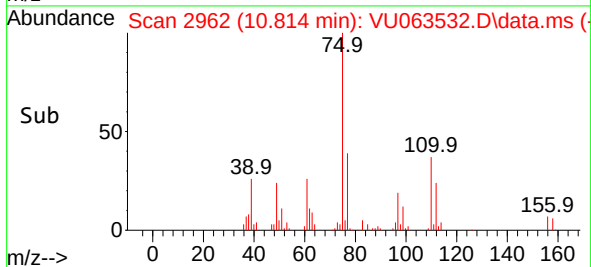
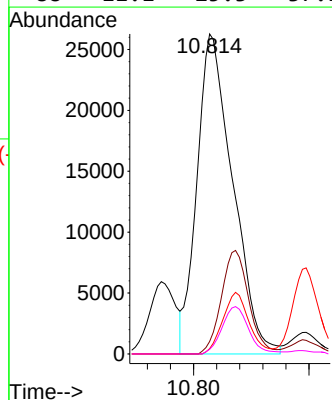
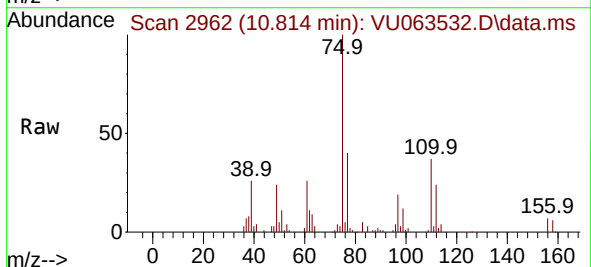
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

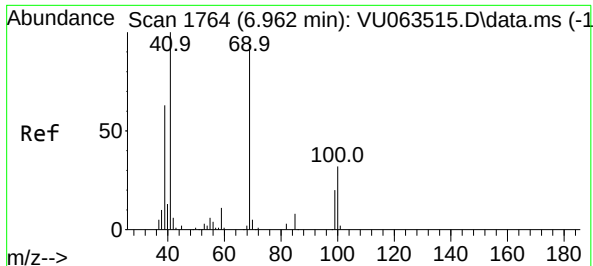
Tgt Ion: 43 Resp: 170568  
Ion Ratio Lower Upper  
43 100  
58 40.0 20.0 60.0  
85 19.3 15.4 23.0



#46  
t-1,4-Dichloro-2-butene  
Concen: 46.043 ug/l  
RT: 10.814 min Scan# 2962  
Delta R.T. -0.009 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 75 Resp: 56324  
Ion Ratio Lower Upper  
75 100  
53 24.8 48.4 72.6#  
89 14.2 30.6 45.8#  
88 11.1 25.3 37.9#





#47

Methyl methacrylate

Concen: 20.535 ug/l

RT: 6.962 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 54529

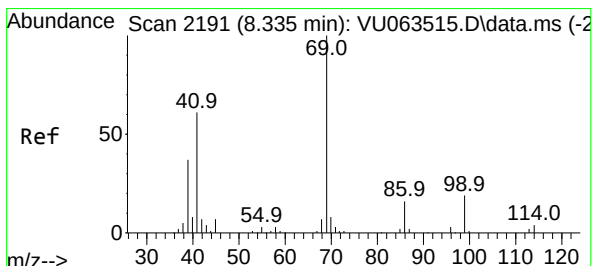
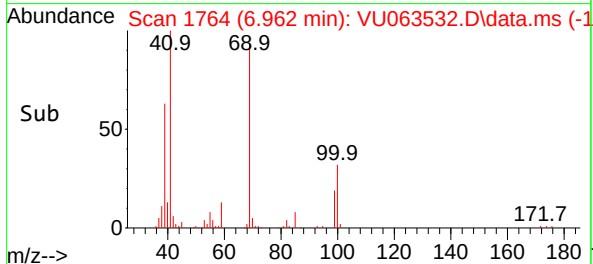
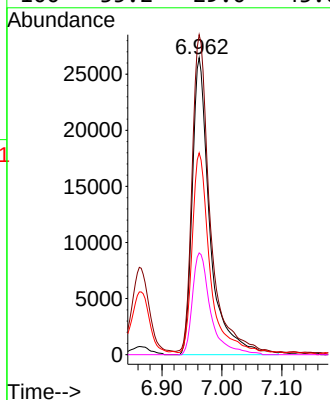
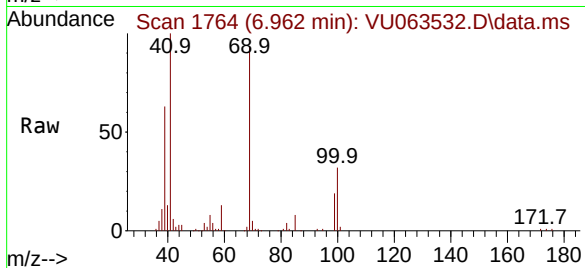
Ion Ratio Lower Upper

69 100

41 109.1 0.0 224.0

39 66.6 55.3 82.9

100 35.2 29.0 43.6



#48

Ethyl methacrylate

Concen: 10.607 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.003 min

Lab File: VU063532.D

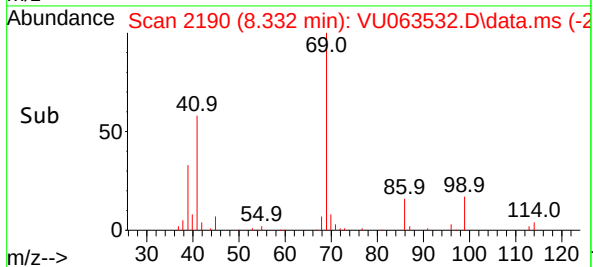
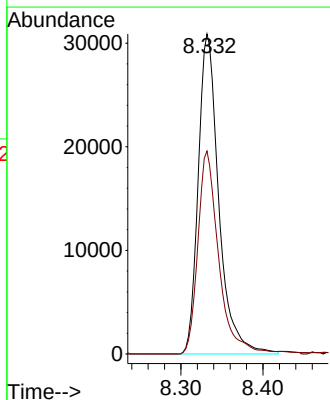
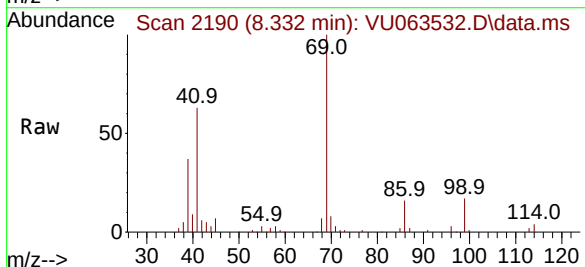
Acq: 18 Jul 2025 09:11

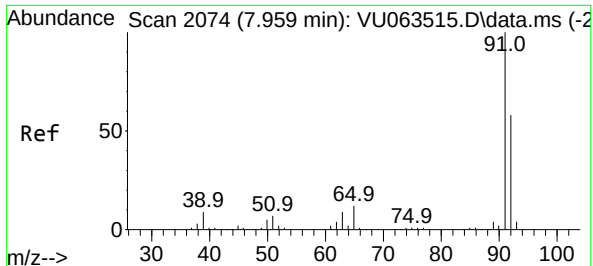
Tgt Ion: 69 Resp: 53751

Ion Ratio Lower Upper

69 100

41 64.1 30.8 92.4

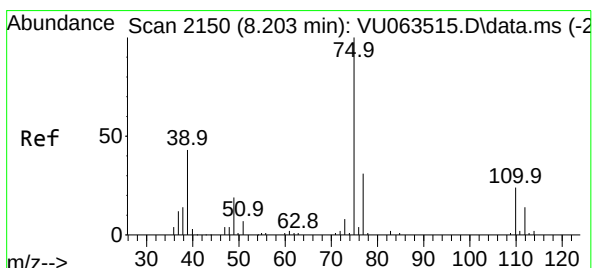
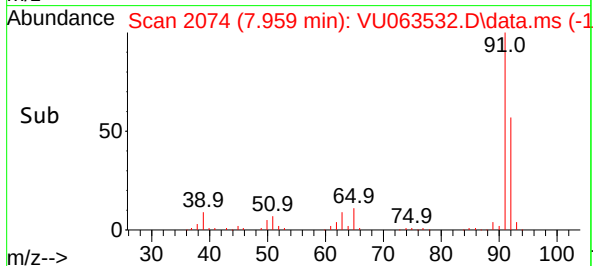
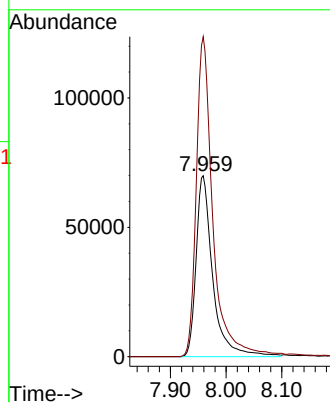
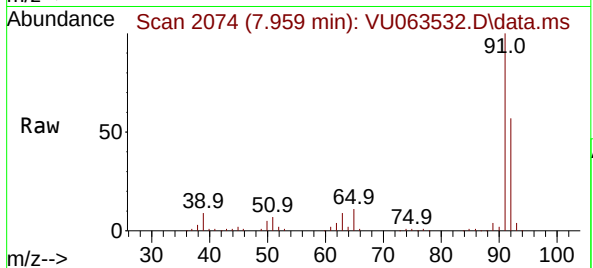




#49  
Toluene  
Concen: 10.235 ug/l  
RT: 7.959 min Scan# 2074  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

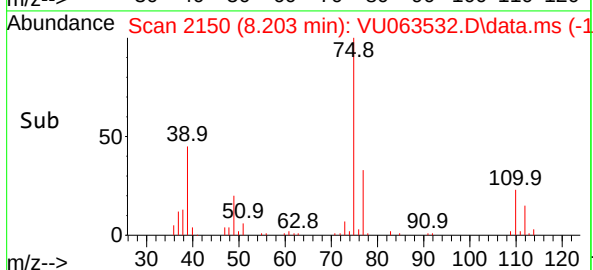
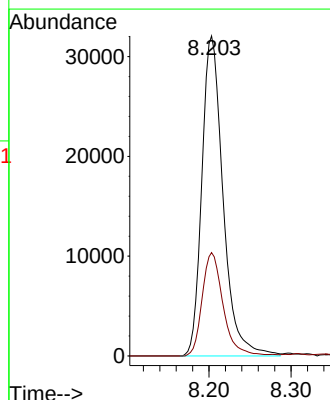
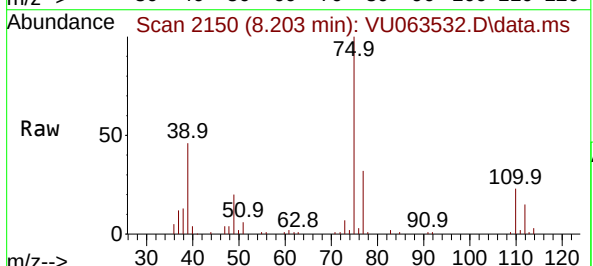
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

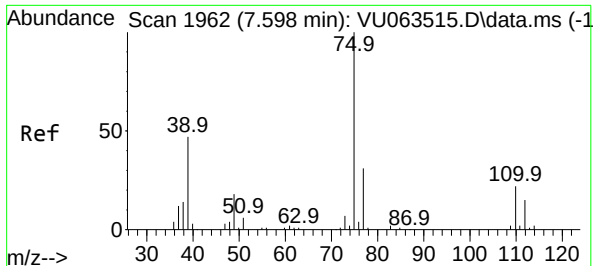
Tgt Ion: 92 Resp: 145734  
Ion Ratio Lower Upper  
92 100  
91 175.5 140.4 210.6



#50  
t-1,3-Dichloropropene  
Concen: 10.291 ug/l  
RT: 8.203 min Scan# 2150  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 75 Resp: 57571  
Ion Ratio Lower Upper  
75 100  
77 32.3 24.9 37.3

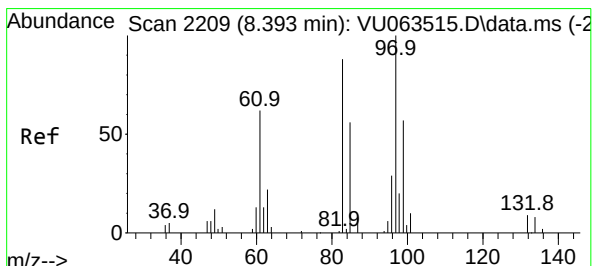
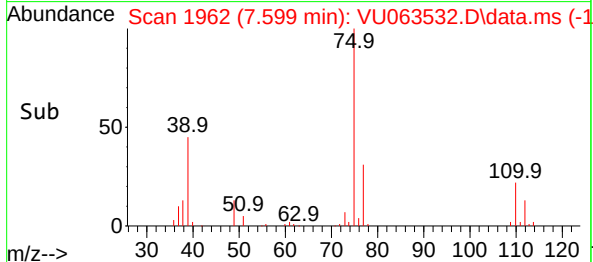
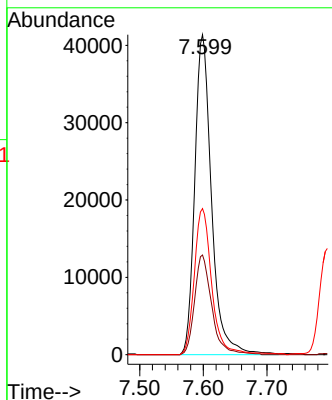
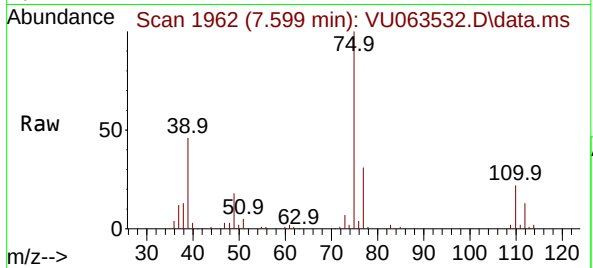




#51  
 cis-1,3-Dichloropropene  
 Concen: 10.099 ug/l  
 RT: 7.599 min Scan# 1962  
 Delta R.T. 0.000 min  
 Lab File: VU063532.D  
 Acq: 18 Jul 2025 09:11

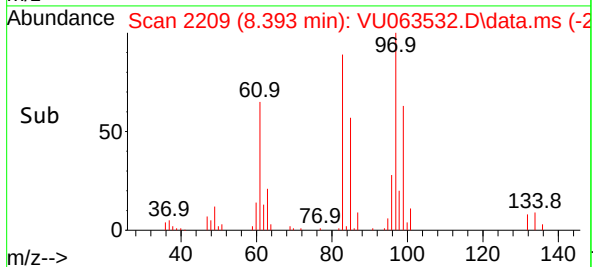
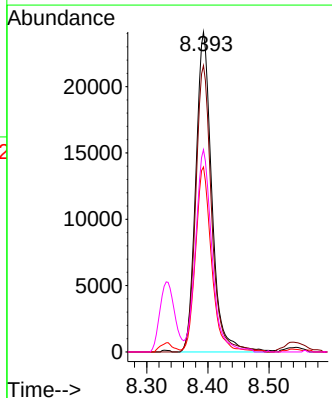
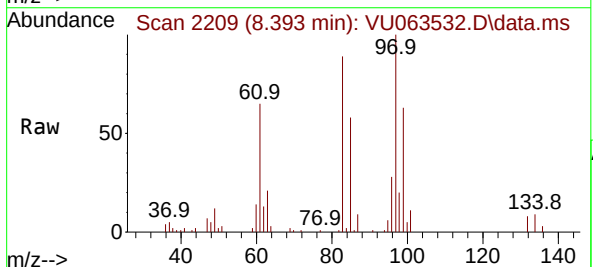
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

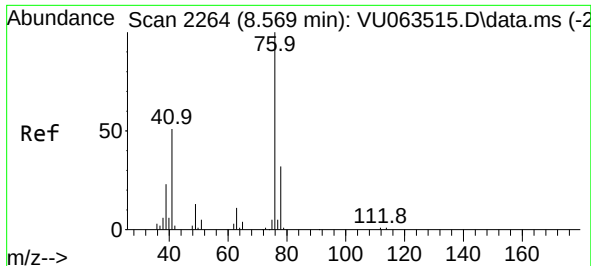
Tgt Ion: 75 Resp: 75837  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.1 37.7  
 39 45.4 37.8 56.6



#52  
 1,1,2-Trichloroethane  
 Concen: 10.327 ug/l  
 RT: 8.393 min Scan# 2209  
 Delta R.T. 0.000 min  
 Lab File: VU063532.D  
 Acq: 18 Jul 2025 09:11

Tgt Ion: 97 Resp: 43960  
 Ion Ratio Lower Upper  
 97 100  
 83 89.5 70.2 105.2  
 85 57.8 45.2 67.8  
 99 63.2 50.1 75.1

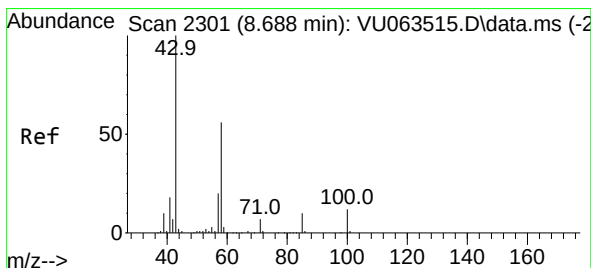
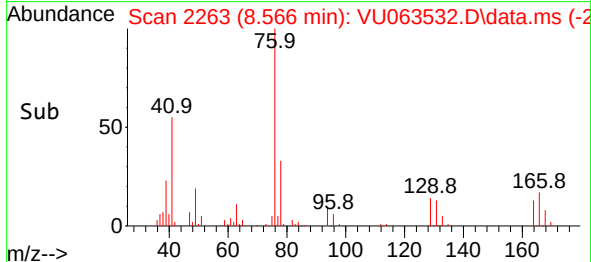
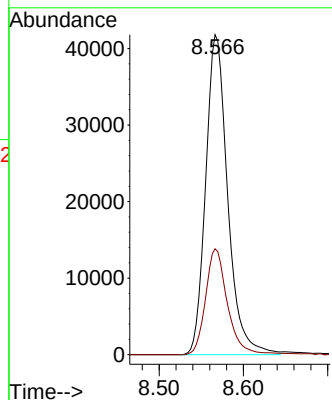
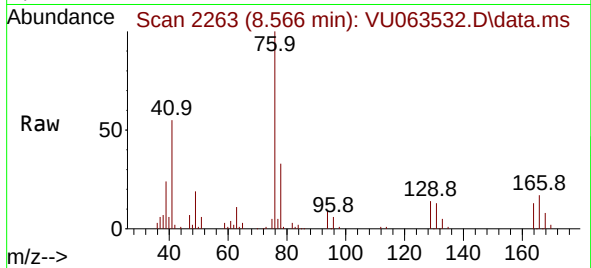




#53  
1,3-Dichloropropane  
Concen: 10.333 ug/l  
RT: 8.566 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

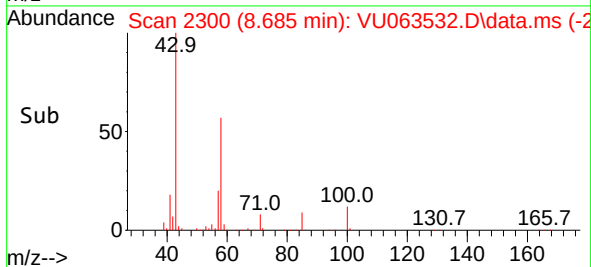
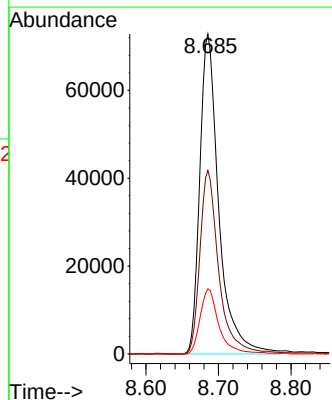
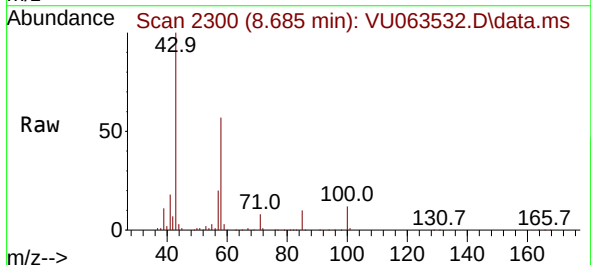
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

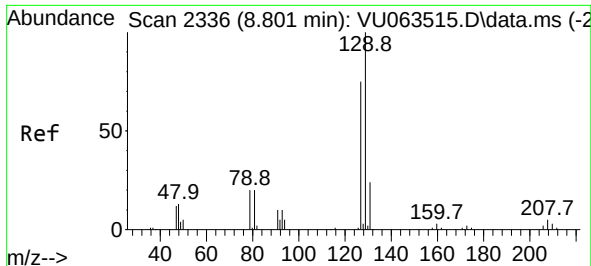
Tgt Ion: 76 Resp: 75937  
Ion Ratio Lower Upper  
76 100  
78 33.2 26.0 39.0



#54  
2-Hexanone  
Concen: 61.353 ug/l  
RT: 8.685 min Scan# 2300  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 43 Resp: 132800  
Ion Ratio Lower Upper  
43 100  
58 56.9 34.8 74.8  
57 20.2 0.0 39.5

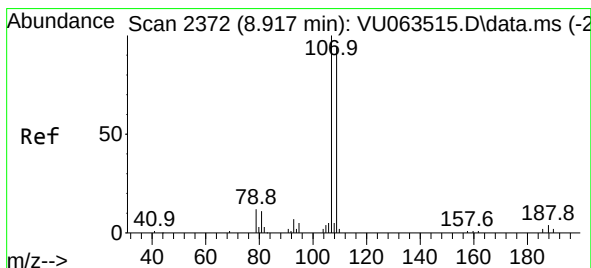
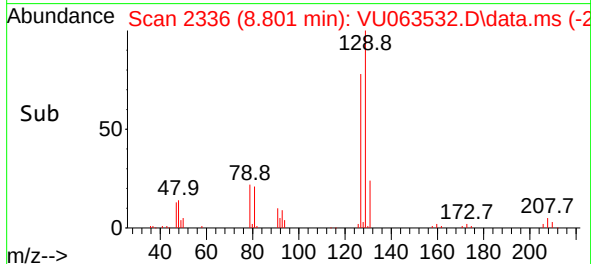
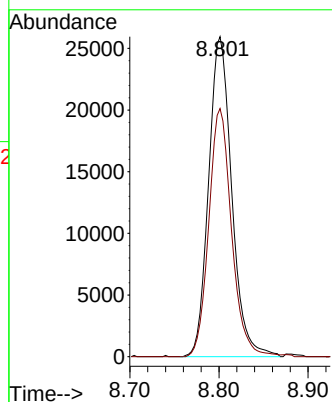
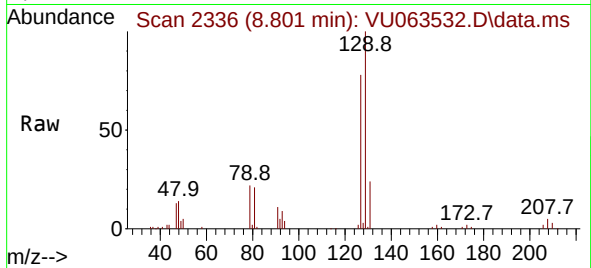




#55  
Dibromochloromethane  
Concen: 10.403 ug/l  
RT: 8.801 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

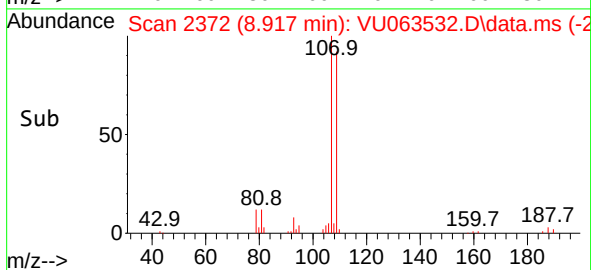
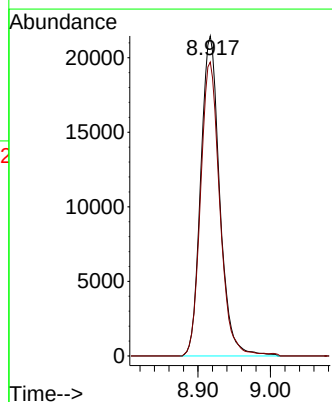
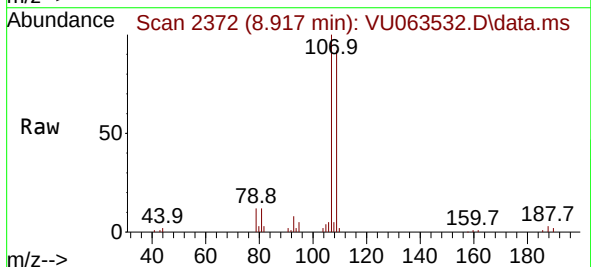
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

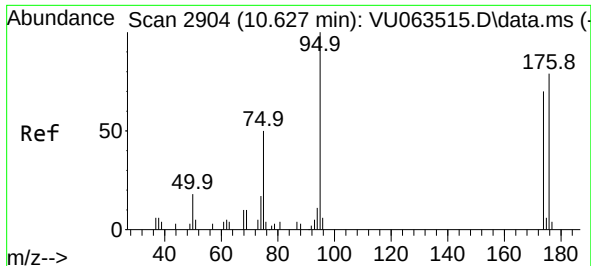
Tgt Ion:129 Resp: 46798  
Ion Ratio Lower Upper  
129 100  
127 76.3 60.1 90.1



#56  
1,2-Dibromoethane  
Concen: 10.244 ug/l  
RT: 8.917 min Scan# 2372  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion:107 Resp: 39027  
Ion Ratio Lower Upper  
107 100  
109 92.6 0.0 186.4





#57

4-Bromofluorobenzene

Concen: 1.121 ug/l

RT: 10.624 min Scan# 2903

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

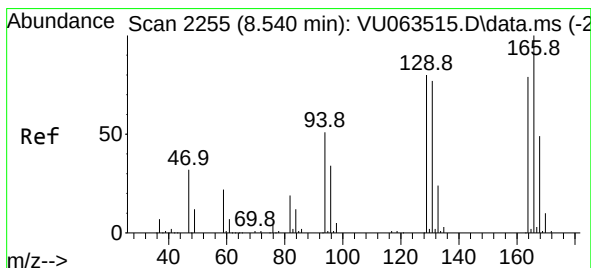
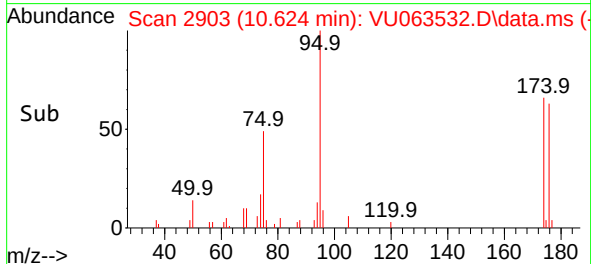
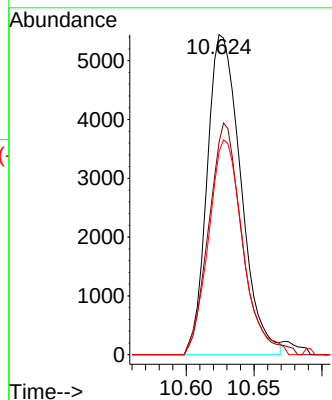
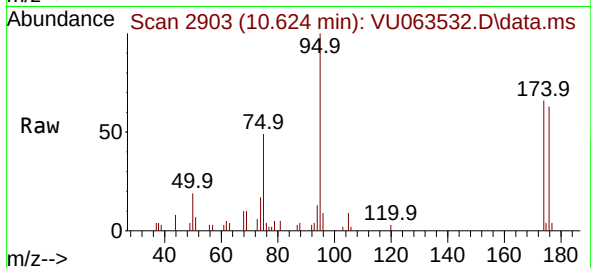
Tgt Ion: 95 Resp: 9400

Ion Ratio Lower Upper

95 100

174 71.5 59.8 89.8

176 68.7 61.8 92.8



#58

Tetrachloroethene

Concen: 9.565 ug/l

RT: 8.541 min Scan# 2255

Delta R.T. 0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Tgt Ion:164 Resp: 58247

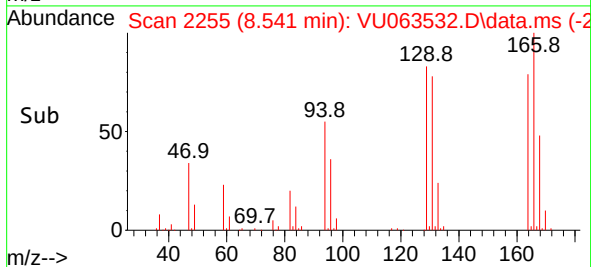
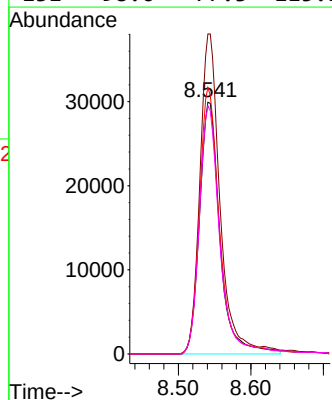
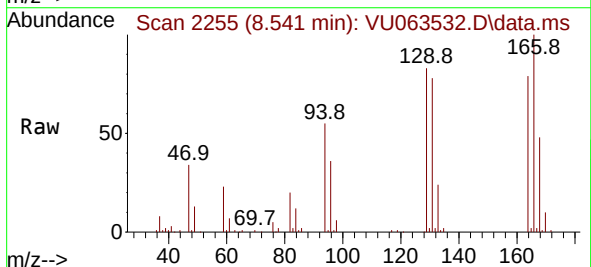
Ion Ratio Lower Upper

164 100

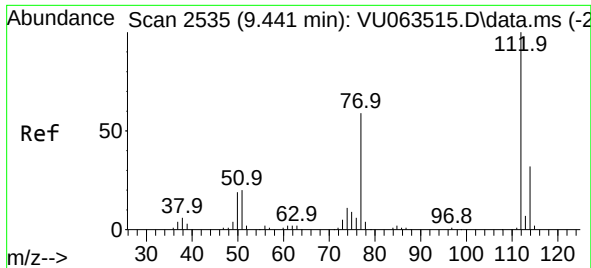
166 127.2 100.7 151.1

129 105.9 80.6 120.8

131 98.6 77.3 115.9







#59

Chlorobenzene

Concen: 10.249 ug/l

RT: 9.438 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA\_U

ClientSampleId :

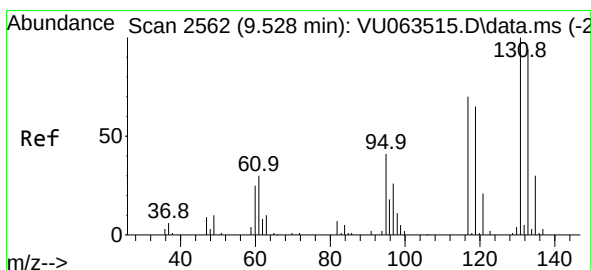
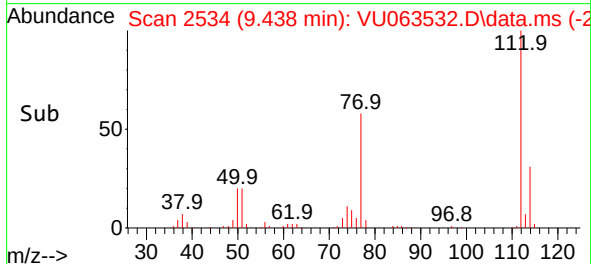
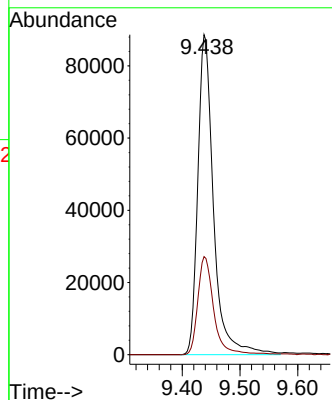
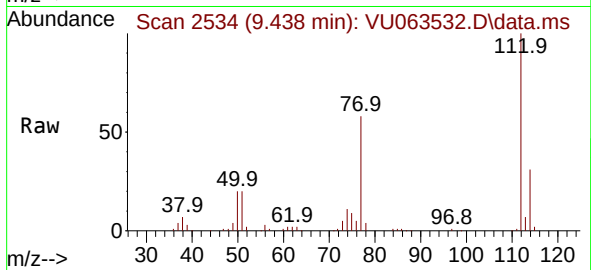
VSTDCCC010

Tgt Ion:112 Resp: 167611

Ion Ratio Lower Upper

112 100

114 30.6 25.4 38.2



#60

1,1,1,2-Tetrachloroethane

Concen: 10.060 ug/l

RT: 9.525 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

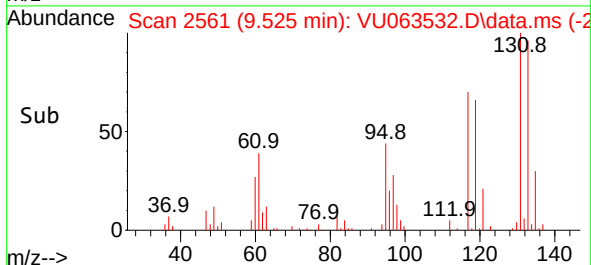
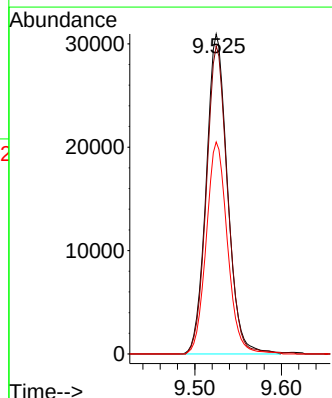
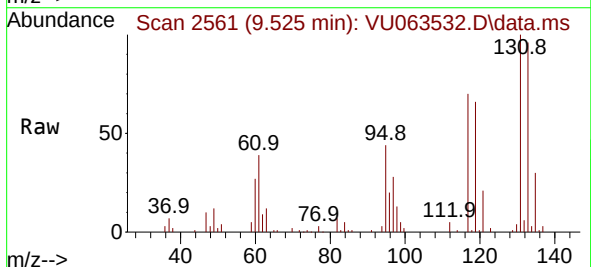
Tgt Ion:131 Resp: 52907

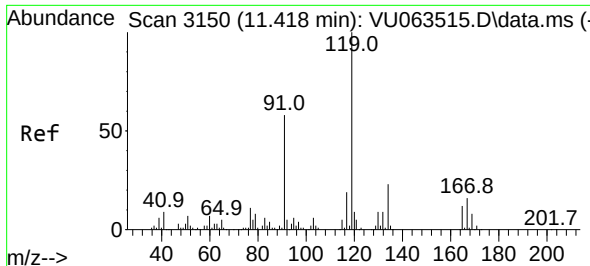
Ion Ratio Lower Upper

131 100

133 95.9 74.7 112.1

119 65.9 53.0 79.4

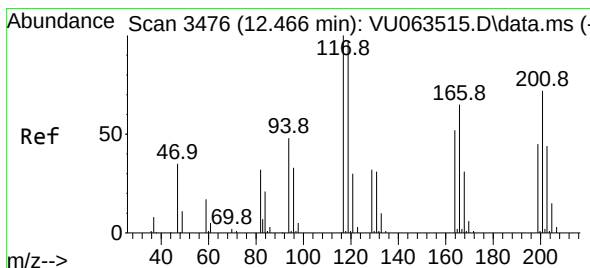
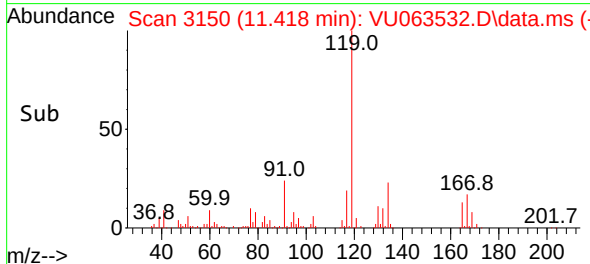
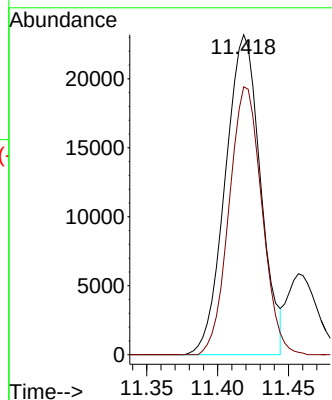
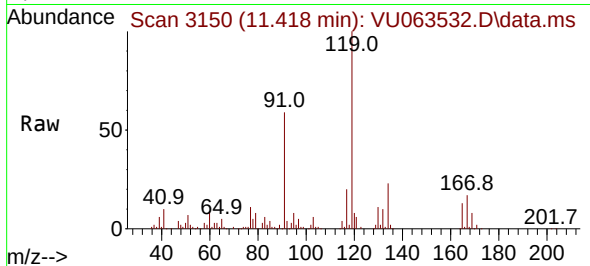




#61  
Pentachloroethane  
Concen: 10.796 ug/l  
RT: 11.418 min Scan# 3150  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

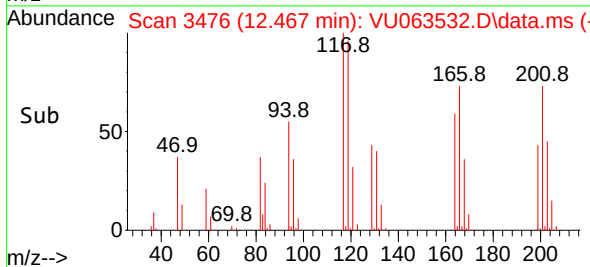
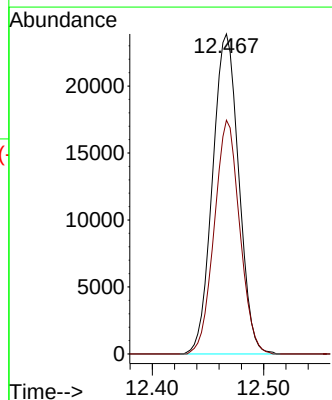
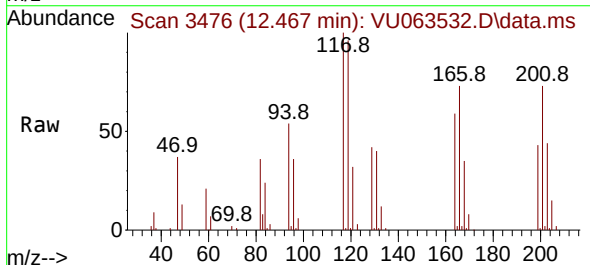
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

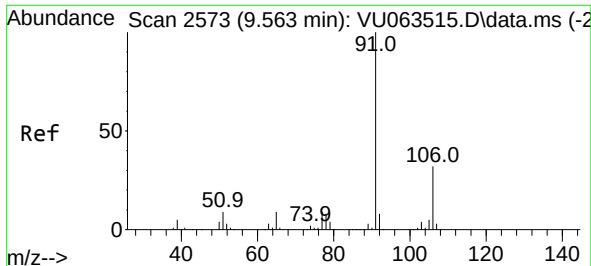
Tgt Ion:117 Resp: 40119  
Ion Ratio Lower Upper  
117 100  
167 78.1 65.0 97.6



#62  
Hexachloroethane  
Concen: 10.606 ug/l  
RT: 12.467 min Scan# 3476  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion:117 Resp: 39030  
Ion Ratio Lower Upper  
117 100  
201 71.1 57.4 86.0





#63

Ethyl Benzene

Concen: 10.281 ug/l

RT: 9.560 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA\_U

ClientSampleId :

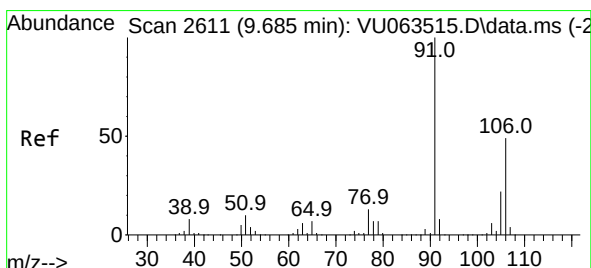
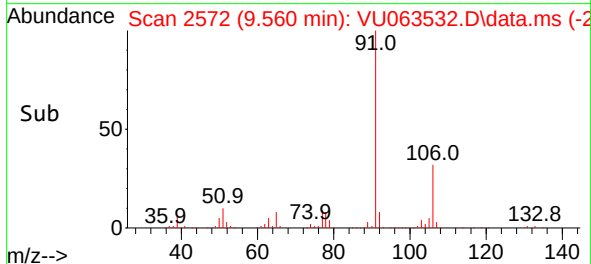
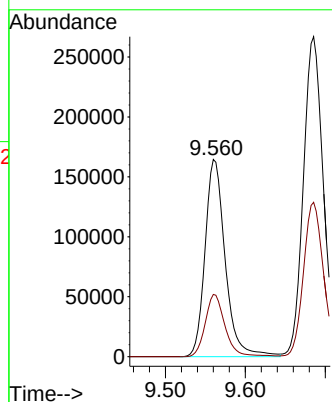
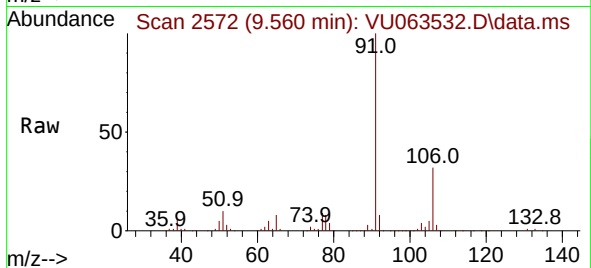
VSTDCCC010

Tgt Ion: 91 Resp: 289339

Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.0



#64

m/p-Xylenes

Concen: 20.884 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU063532.D

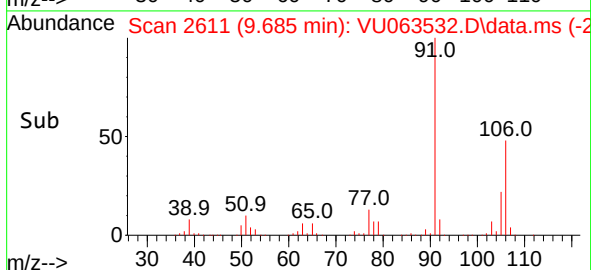
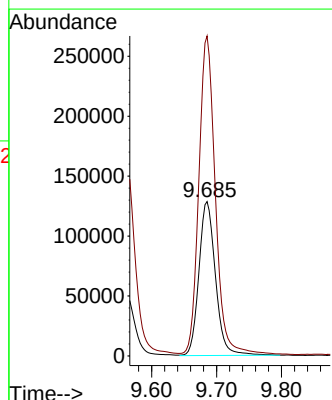
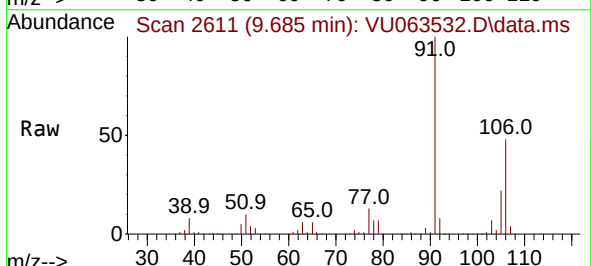
Acq: 18 Jul 2025 09:11

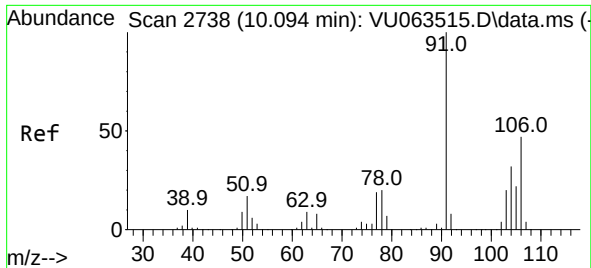
Tgt Ion:106 Resp: 228441

Ion Ratio Lower Upper

106 100

91 207.6 163.6 245.4

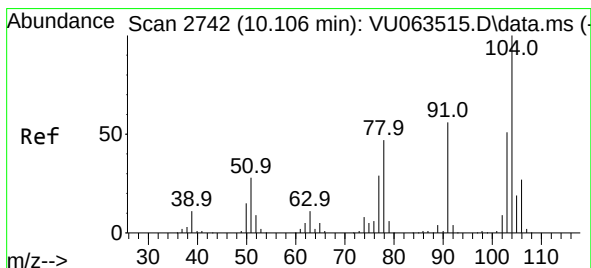
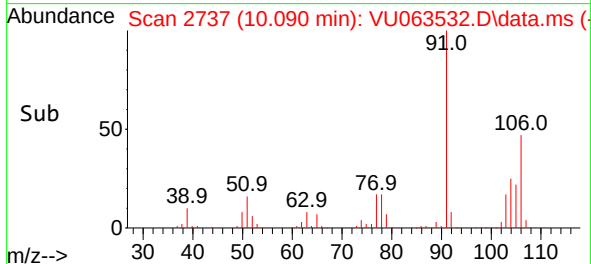
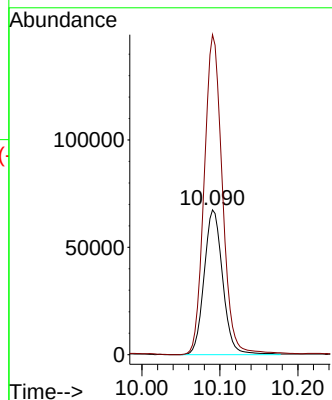
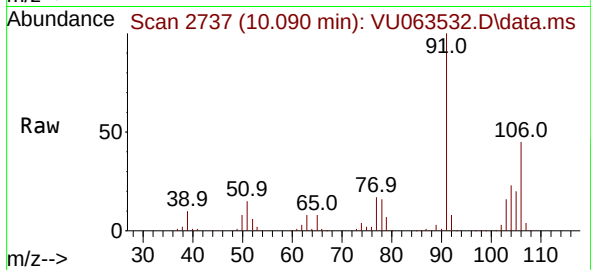




#65  
o-Xylene  
Concen: 10.626 ug/l  
RT: 10.090 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

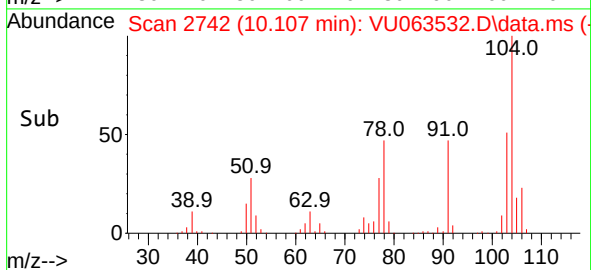
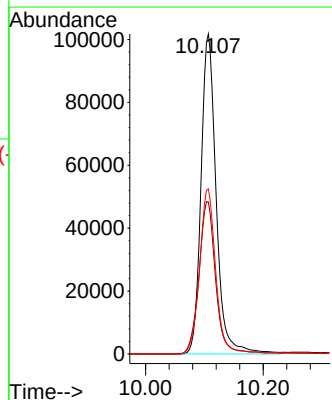
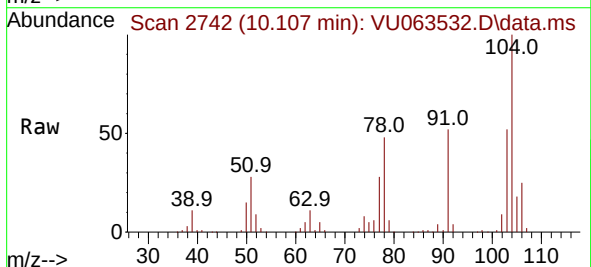
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

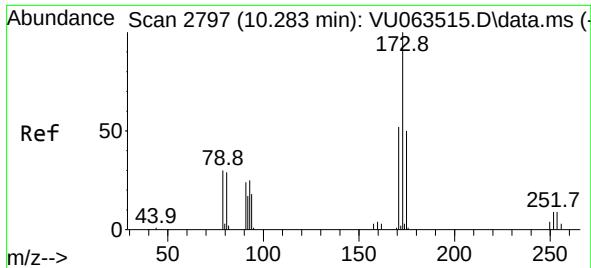
Tgt Ion:106 Resp: 111689  
Ion Ratio Lower Upper  
106 100  
91 217.6 108.1 324.4



#66  
Styrene  
Concen: 10.877 ug/l  
RT: 10.107 min Scan# 2742  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion:104 Resp: 182214  
Ion Ratio Lower Upper  
104 100  
78 51.7 41.3 61.9  
103 55.2 43.6 65.4

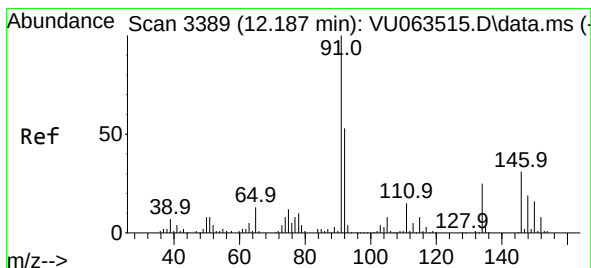
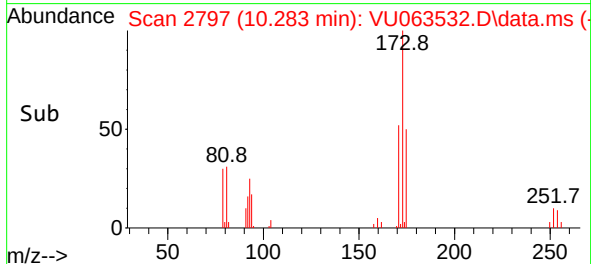
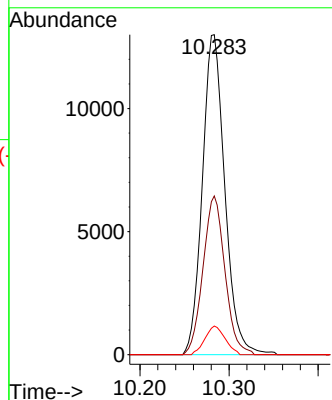
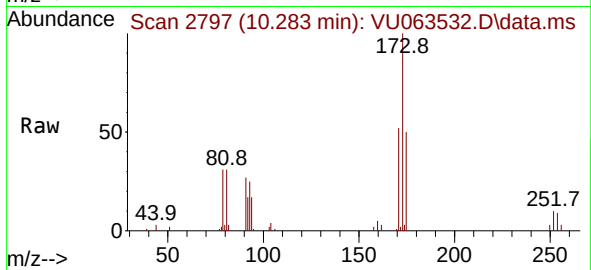




#67  
Bromoform  
Concen: 9.853 ug/l  
RT: 10.283 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

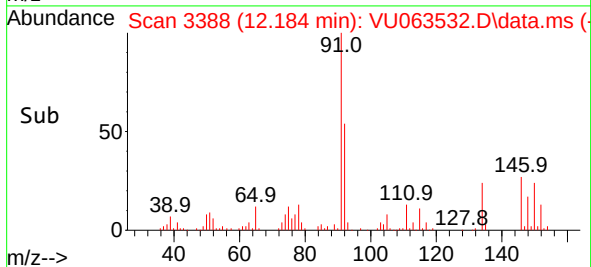
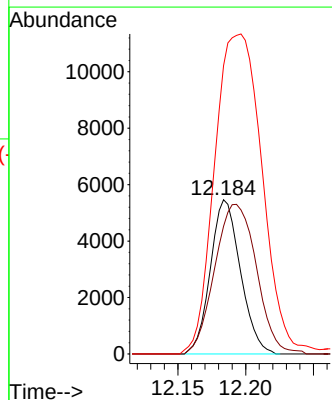
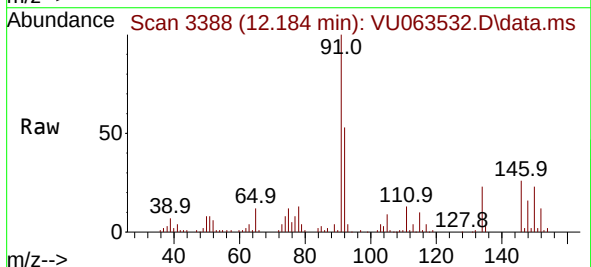
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

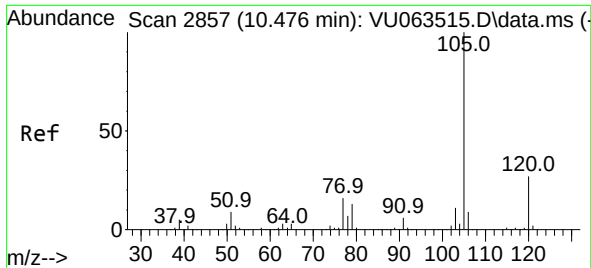
Tgt Ion:173 Resp: 22764  
Ion Ratio Lower Upper  
173 100  
175 48.3 39.0 58.4  
254 8.0 6.5 9.7



#68  
1,2-Dichlorobenzene-d4  
Concen: 1.089 ug/l  
RT: 12.184 min Scan# 3388  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion:152 Resp: 8443  
Ion Ratio Lower Upper  
152 100  
115 134.3 0.0 262.2  
150 327.1 0.0 651.2

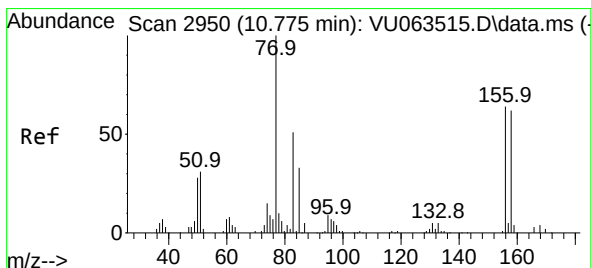
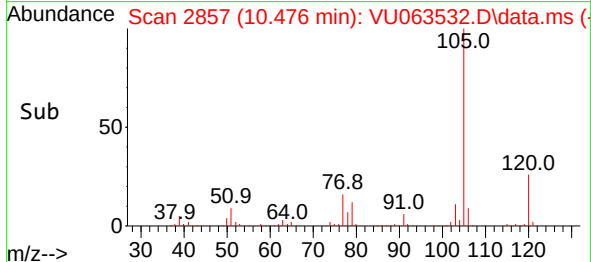
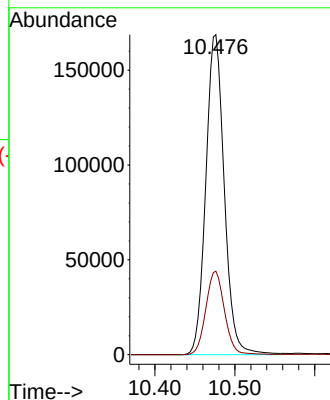
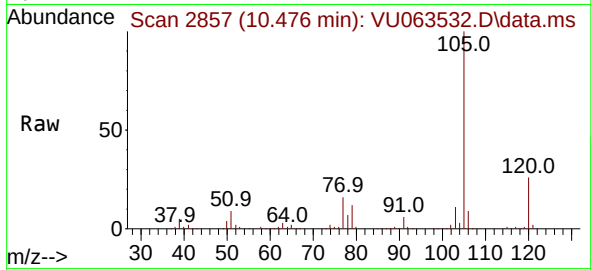




#69  
Isopropylbenzene  
Concen: 10.673 ug/l  
RT: 10.476 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

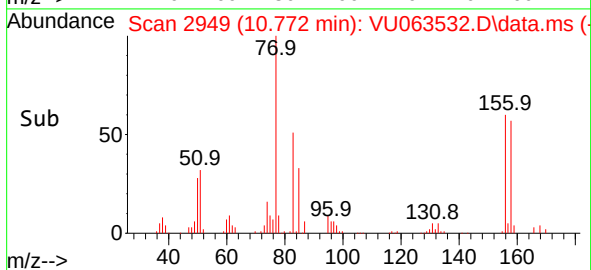
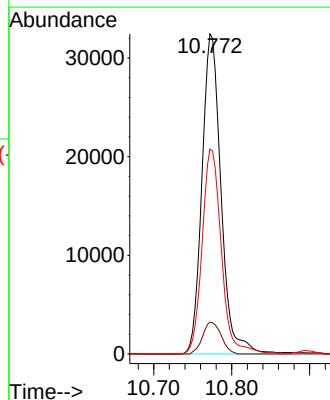
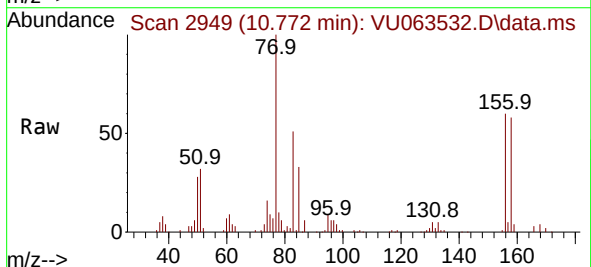
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

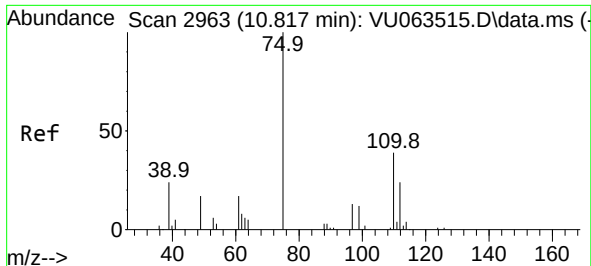
Tgt Ion:105 Resp: 271215  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.2 39.5



#70  
1,1,2,2-Tetrachloroethane  
Concen: 10.657 ug/l  
RT: 10.772 min Scan# 2949  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 83 Resp: 55200  
Ion Ratio Lower Upper  
83 100  
131 9.7 8.4 12.6  
85 64.4 51.9 77.9

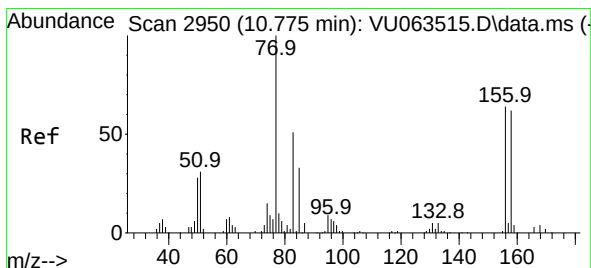
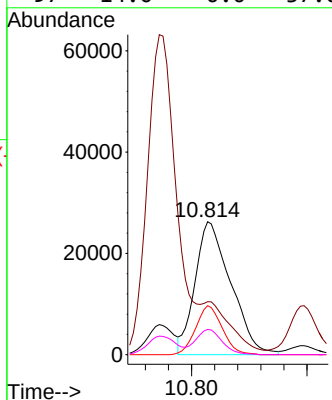
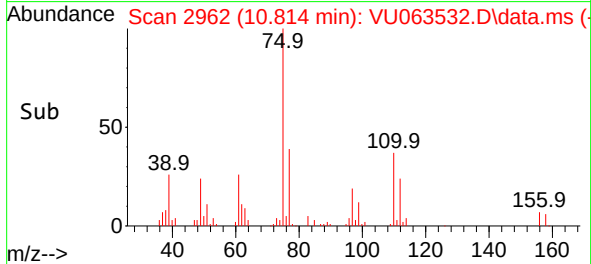
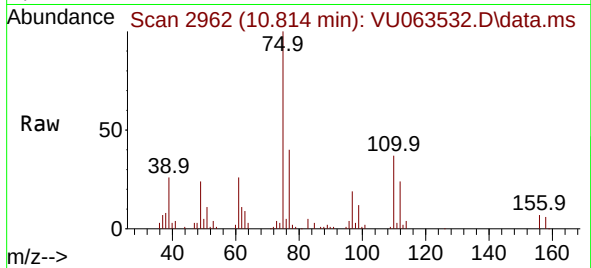




#71  
1,2,3-Trichloropropane  
Concen: 13.388 ug/l  
RT: 10.814 min Scan# 2962  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

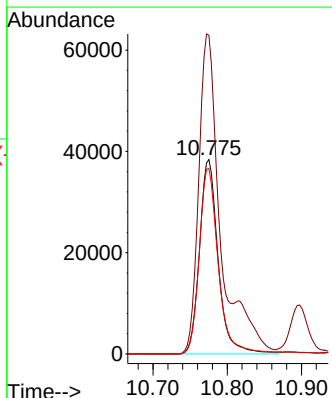
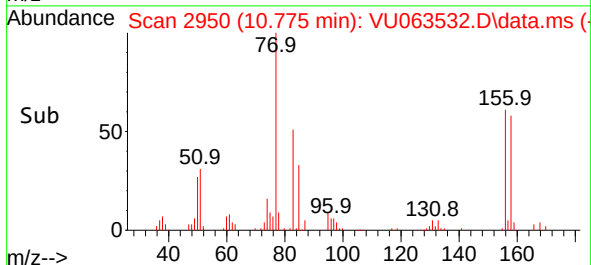
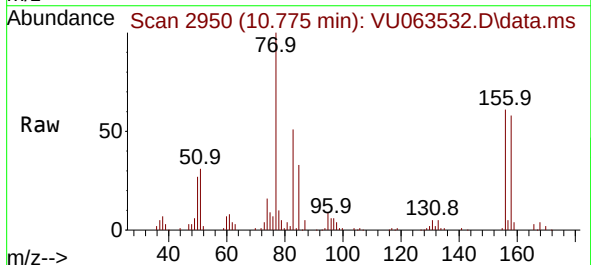
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

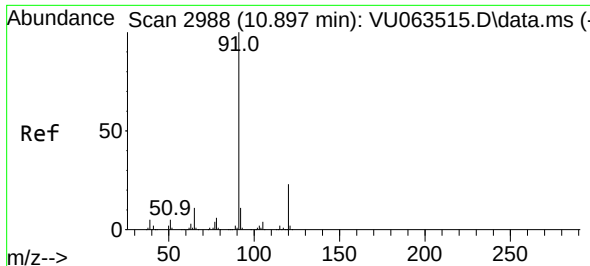
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 56324 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 0.0   | 0.0   |
| 110      | 27.4  | 0.0   | 73.2  |
| 97       | 14.0  | 0.0   | 37.6  |



#72  
Bromobenzene  
Concen: 10.241 ug/l  
RT: 10.775 min Scan# 2950  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 156   | Resp: | 67162 |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 166.6 | 0.0   | 315.2 |
| 158      | 96.7  | 0.0   | 195.4 |

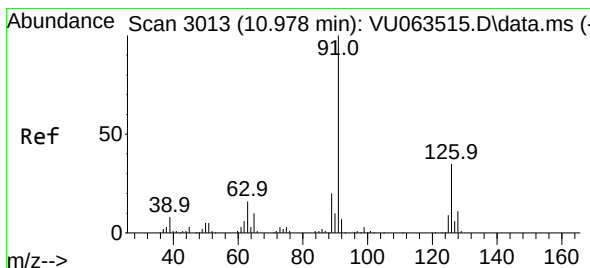
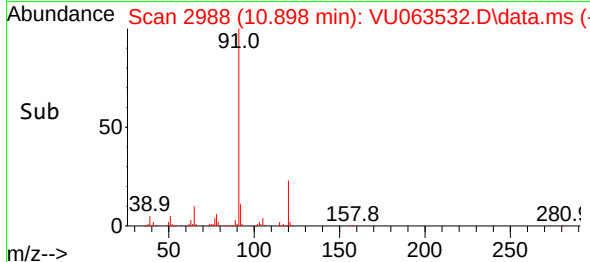
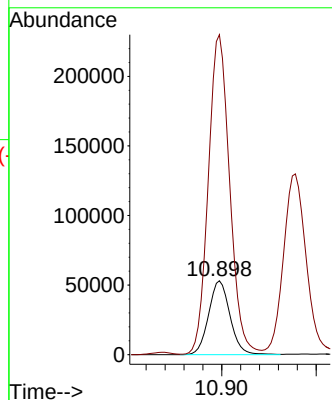
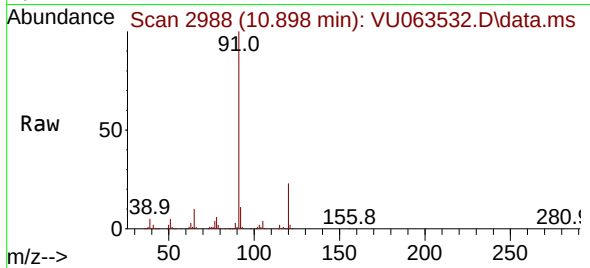




#73  
n-propylbenzene  
Concen: 10.911 ug/l  
RT: 10.898 min Scan# 2988  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

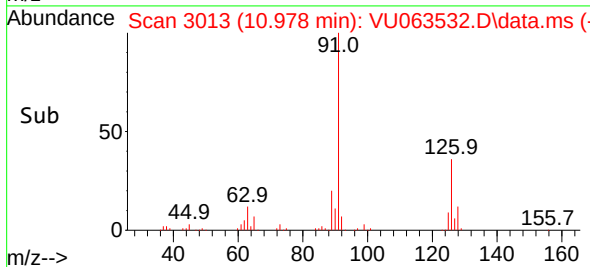
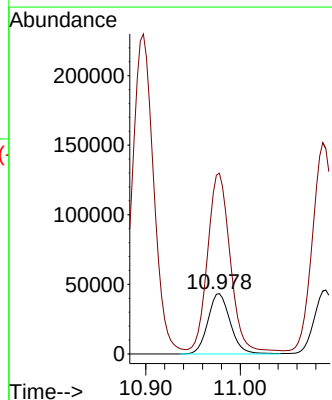
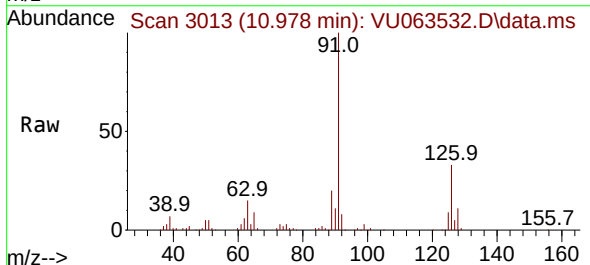
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:120 Resp: 83463  
Ion Ratio Lower Upper  
120 100  
91 431.5 343.1 514.7

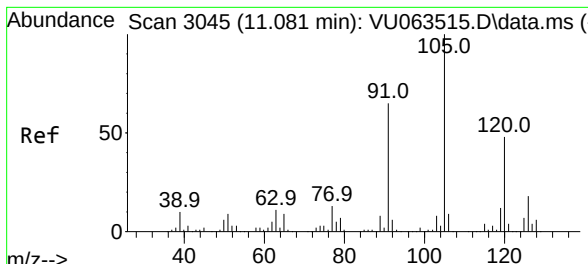


#74  
2-Chlorotoluene  
Concen: 10.538 ug/l  
RT: 10.978 min Scan# 3013  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion:126 Resp: 71241  
Ion Ratio Lower Upper  
126 100  
91 305.8 0.0 606.0



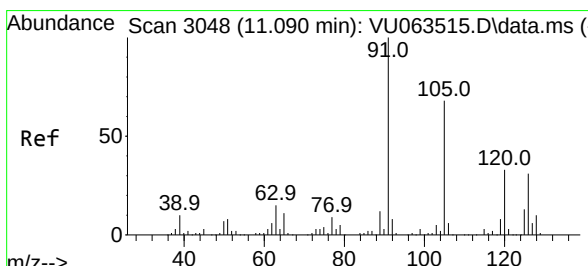
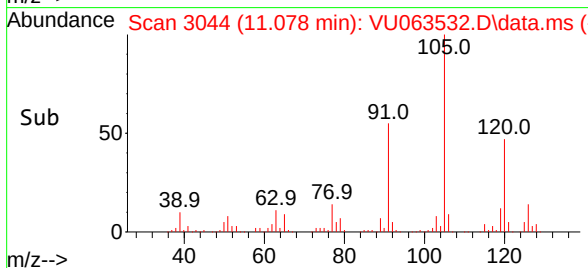
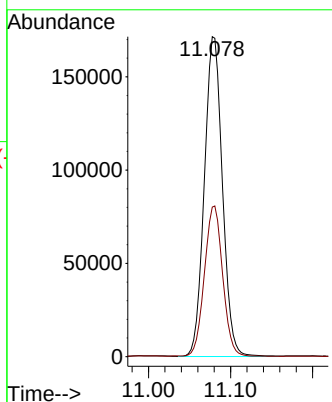
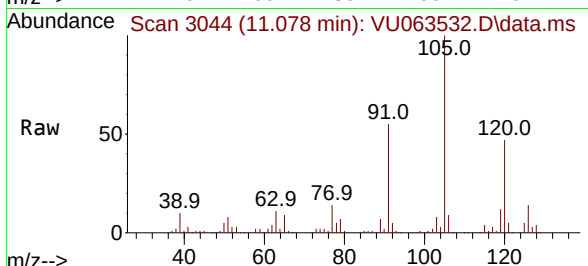




#75  
 1,3,5-Trimethylbenzene  
 Concen: 10.839 ug/l  
 RT: 11.078 min Scan# 3044  
 Delta R.T. -0.003 min  
 Lab File: VU063532.D  
 Acq: 18 Jul 2025 09:11

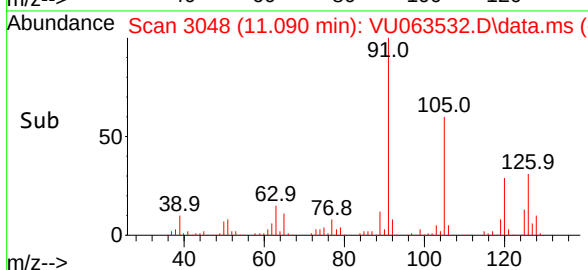
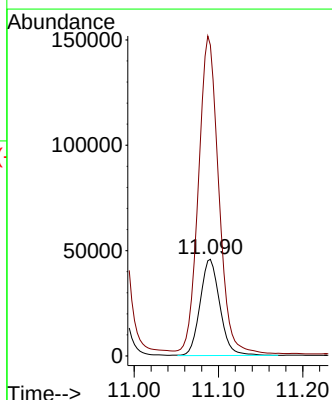
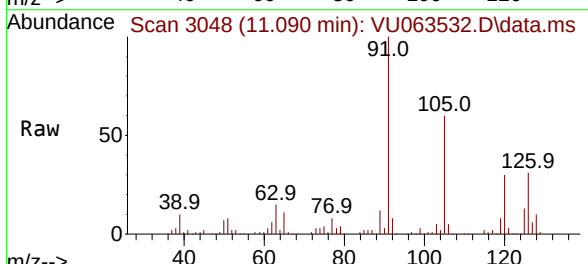
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

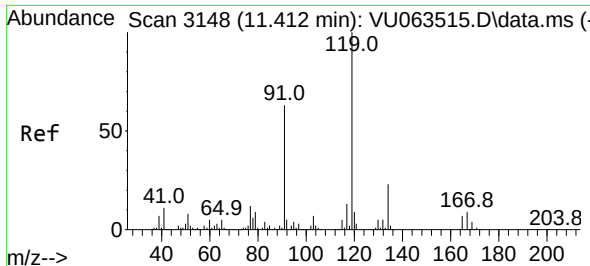
Tgt Ion:105 Resp: 263117  
 Ion Ratio Lower Upper  
 105 100  
 120 47.5 37.8 56.8



#76  
 4-Chlorotoluene  
 Concen: 10.851 ug/l  
 RT: 11.090 min Scan# 3048  
 Delta R.T. 0.000 min  
 Lab File: VU063532.D  
 Acq: 18 Jul 2025 09:11

Tgt Ion:126 Resp: 74500  
 Ion Ratio Lower Upper  
 126 100  
 91 339.7 0.0 682.2

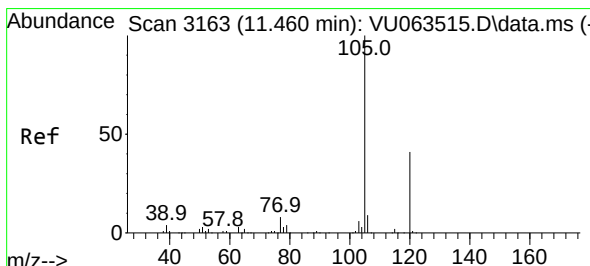
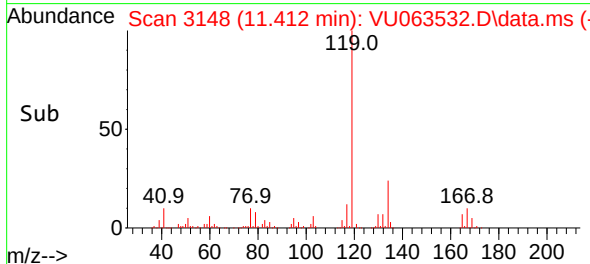
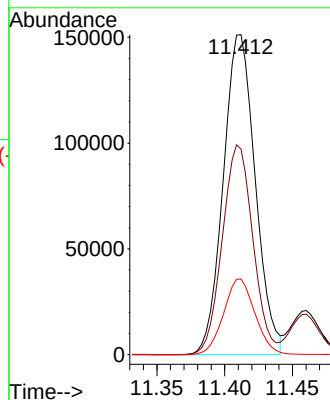
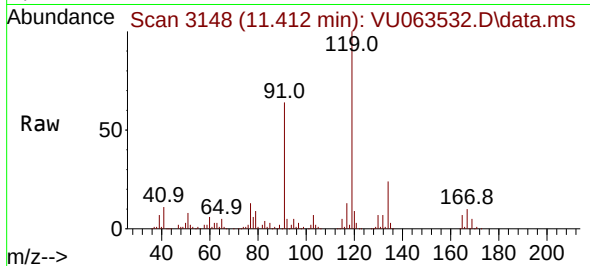




#77  
 tert-Butylbenzene  
 Concen: 10.723 ug/l  
 RT: 11.412 min Scan# 3148  
 Delta R.T. 0.000 min  
 Lab File: VU063532.D  
 Acq: 18 Jul 2025 09:11

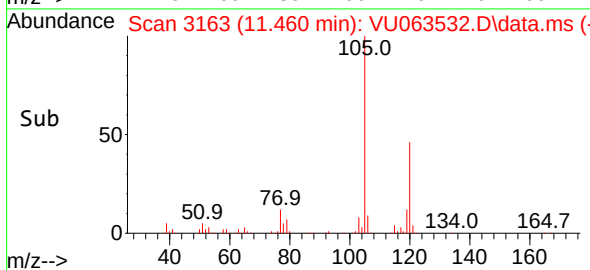
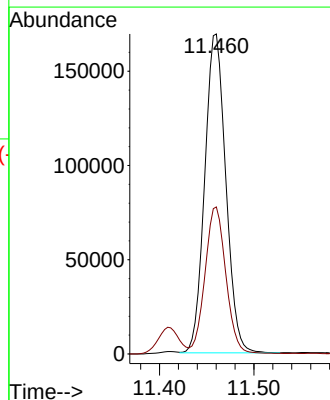
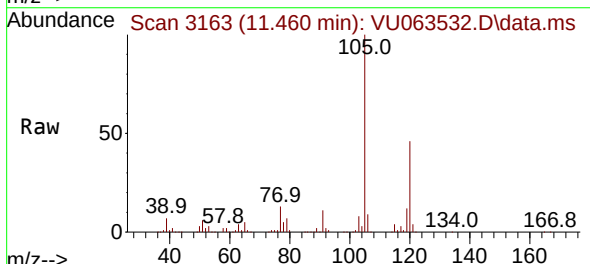
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

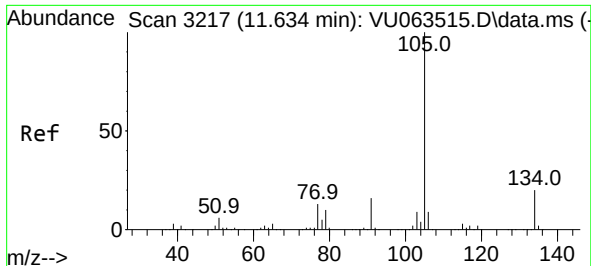
Tgt Ion:119 Resp: 248774  
 Ion Ratio Lower Upper  
 119 100  
 91 62.6 30.7 92.1  
 134 23.3 18.5 27.7



#78  
 1,2,4-Trimethylbenzene  
 Concen: 10.884 ug/l  
 RT: 11.460 min Scan# 3163  
 Delta R.T. 0.000 min  
 Lab File: VU063532.D  
 Acq: 18 Jul 2025 09:11

Tgt Ion:105 Resp: 262116  
 Ion Ratio Lower Upper  
 105 100  
 120 45.6 22.7 68.0

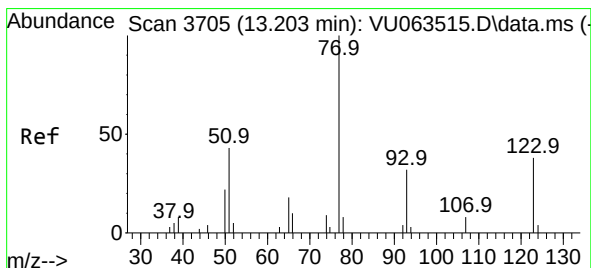
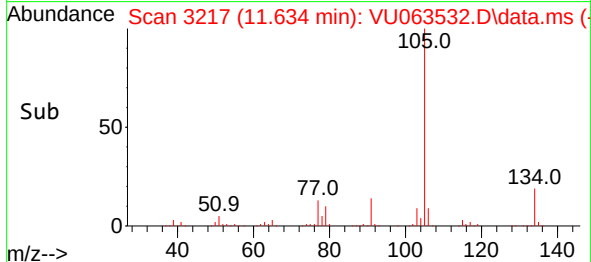
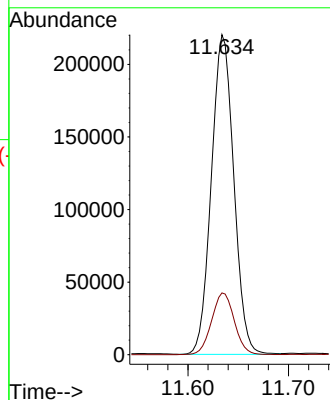
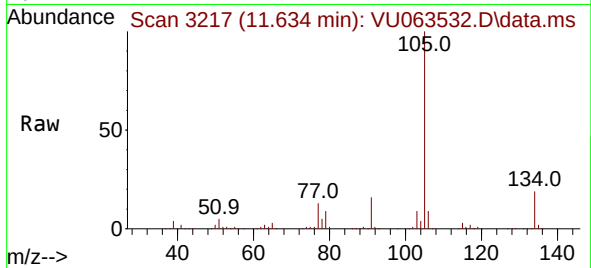




#79  
 sec-Butylbenzene  
 Concen: 10.911 ug/l  
 RT: 11.634 min Scan# 3217  
 Delta R.T. 0.000 min  
 Lab File: VU063532.D  
 Acq: 18 Jul 2025 09:11

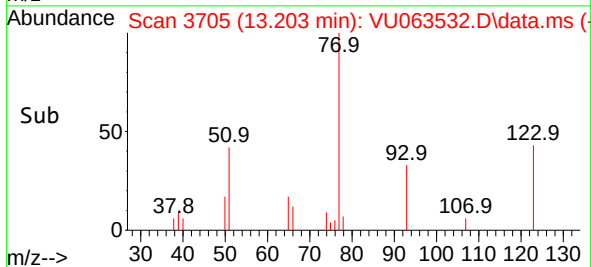
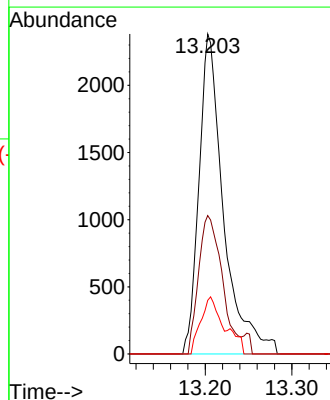
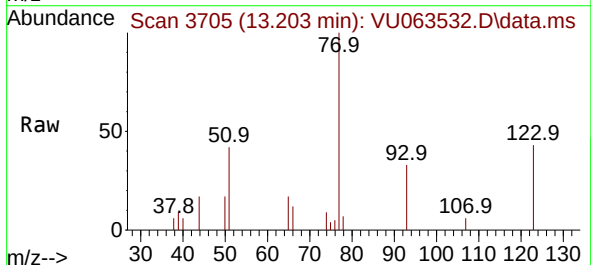
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

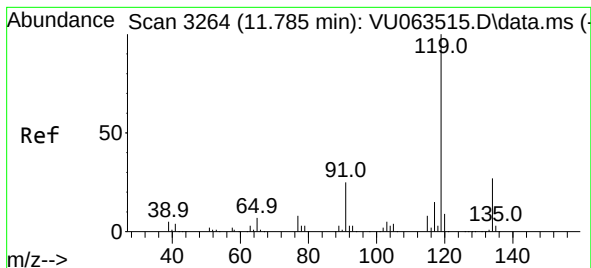
Tgt Ion:105 Resp: 341350  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 16.2 24.4



#80  
 Nitrobenzene  
 Concen: 42.376 ug/l  
 RT: 13.203 min Scan# 3705  
 Delta R.T. -0.000 min  
 Lab File: VU063532.D  
 Acq: 18 Jul 2025 09:11

Tgt Ion: 77 Resp: 4689  
 Ion Ratio Lower Upper  
 77 100  
 123 36.7 16.9 59.7  
 65 17.3 16.5 20.9

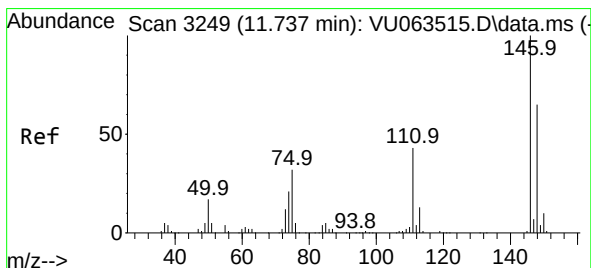
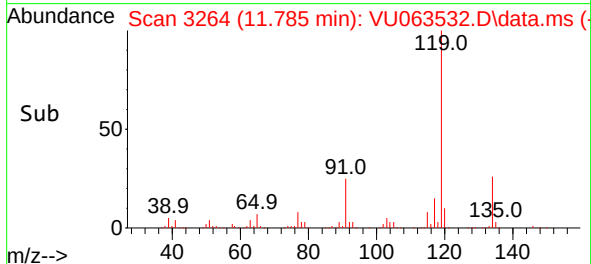
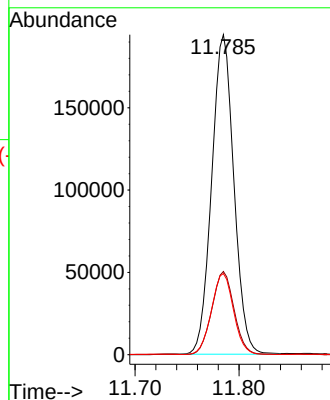
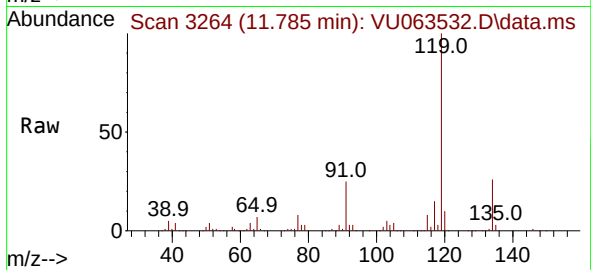




#81  
p-Isopropyltoluene  
Concen: 11.013 ug/l  
RT: 11.785 min Scan# 3264  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

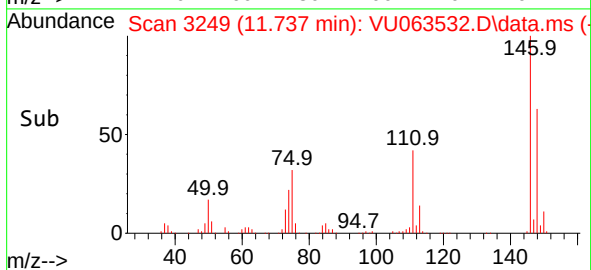
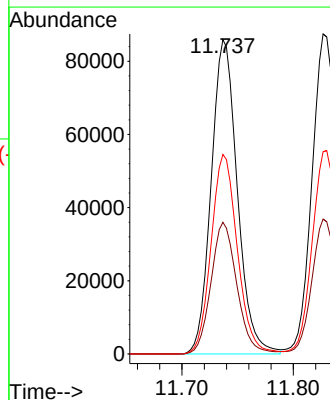
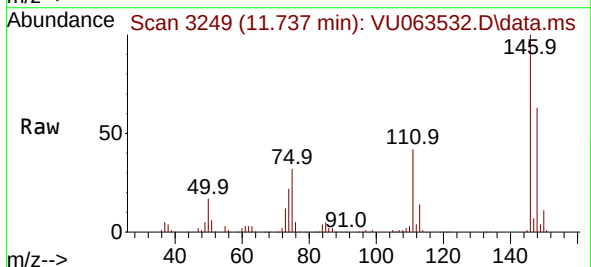
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

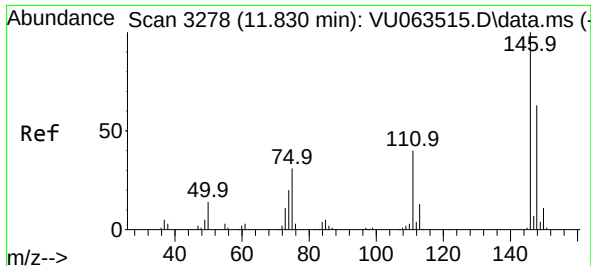
Tgt Ion:119 Resp: 287611  
Ion Ratio Lower Upper  
119 100  
134 25.9 21.1 31.7  
91 25.1 19.8 29.8



#82  
1,3-Dichlorobenzene  
Concen: 10.671 ug/l  
RT: 11.737 min Scan# 3249  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion:146 Resp: 140019  
Ion Ratio Lower Upper  
146 100  
111 41.4 33.8 50.6  
148 63.8 51.5 77.3

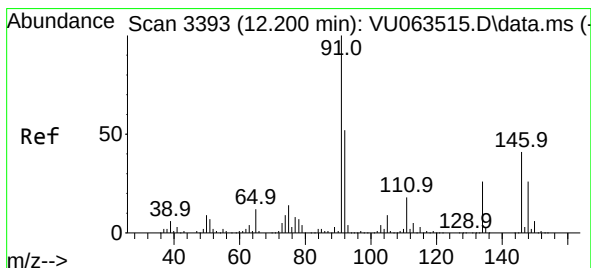
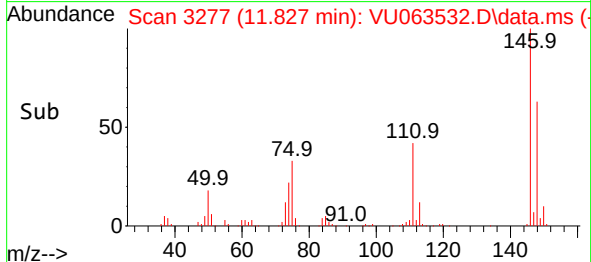
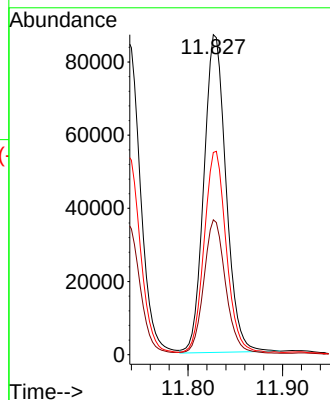
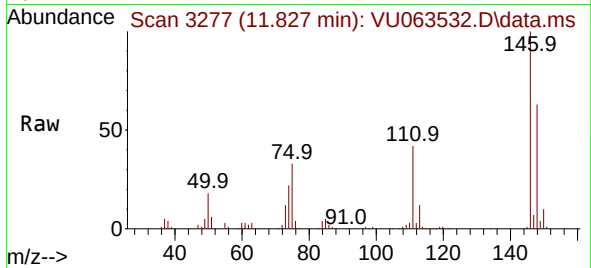




#83  
1,4-Dichlorobenzene  
Concen: 10.769 ug/l  
RT: 11.827 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

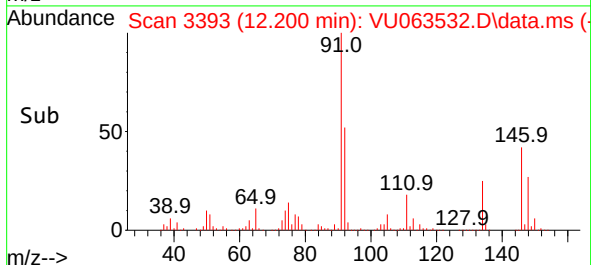
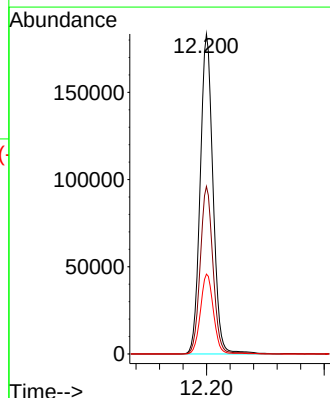
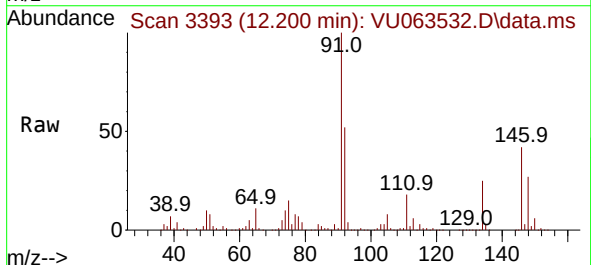
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

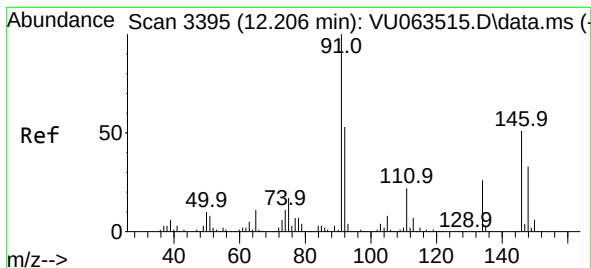
Tgt Ion:146 Resp: 141444  
Ion Ratio Lower Upper  
146 100  
111 41.7 32.0 48.0  
148 63.4 50.2 75.2



#84  
n-Butylbenzene  
Concen: 11.423 ug/l  
RT: 12.200 min Scan# 3393  
Delta R.T. -0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion: 91 Resp: 276678  
Ion Ratio Lower Upper  
91 100  
92 52.5 41.5 62.3  
134 25.4 20.6 30.8





#85

1,2-Dichlorobenzene

Concen: 10.868 ug/l

RT: 12.203 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC010

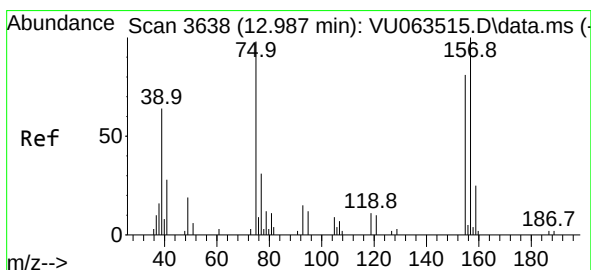
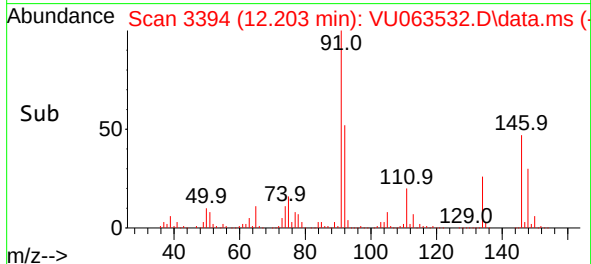
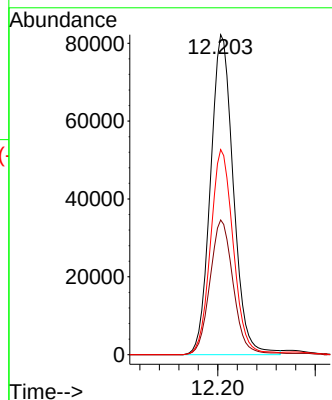
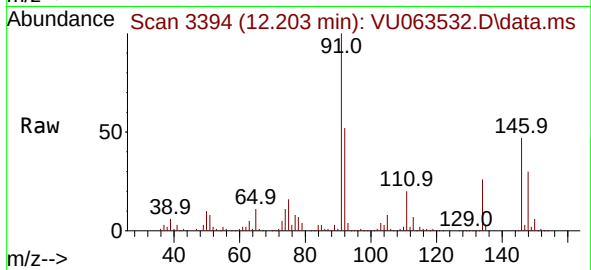
Tgt Ion:146 Resp: 133976

Ion Ratio Lower Upper

146 100

111 42.9 21.7 65.1

148 64.0 31.8 95.3



#86

1,2-Dibromo-3-Chloropropane

Concen: 9.368 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU063532.D

Acq: 18 Jul 2025 09:11

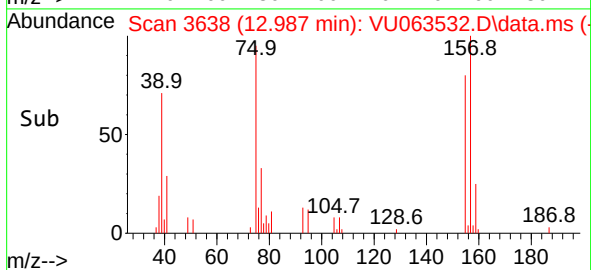
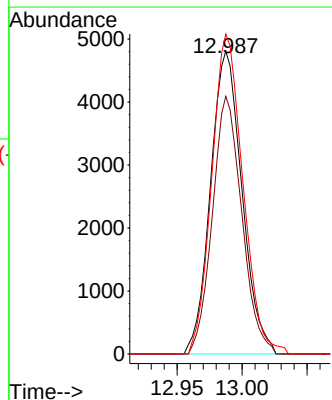
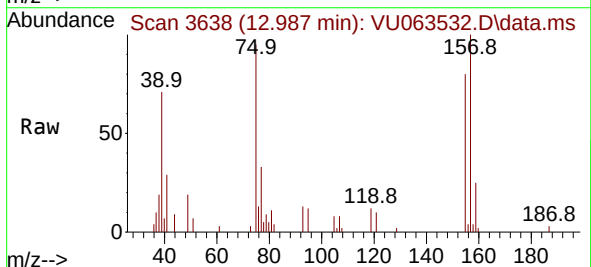
Tgt Ion: 75 Resp: 8081

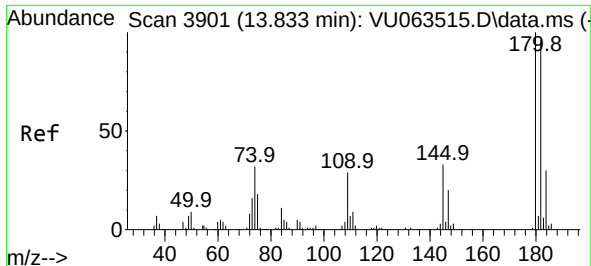
Ion Ratio Lower Upper

75 100

155 79.6 65.8 98.6

157 104.5 81.4 122.2

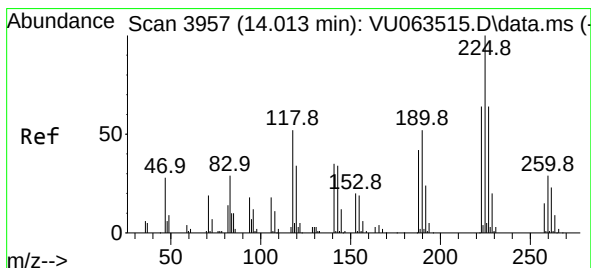
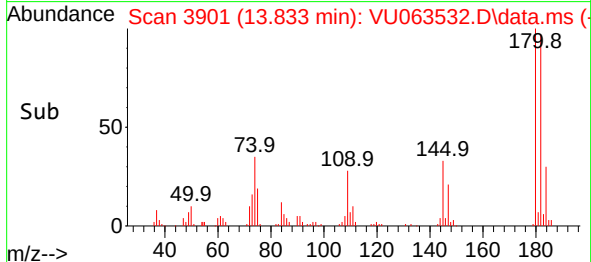
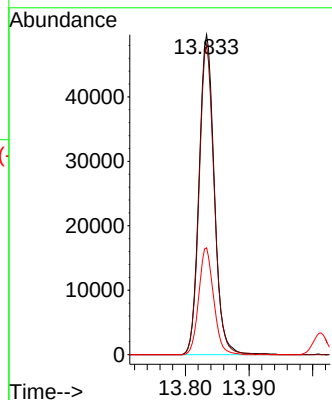
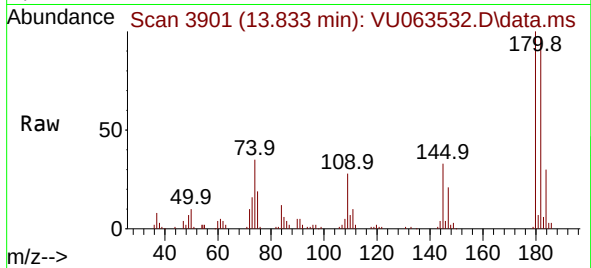




#87  
 1,2,4-Trichlorobenzene  
 Concen: 10.783 ug/l  
 RT: 13.833 min Scan# 3901  
 Delta R.T. 0.000 min  
 Lab File: VU063532.D  
 Acq: 18 Jul 2025 09:11

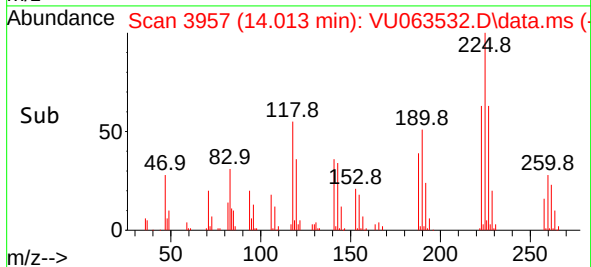
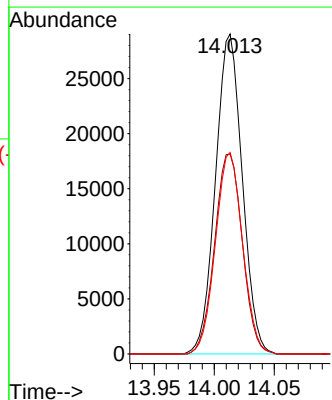
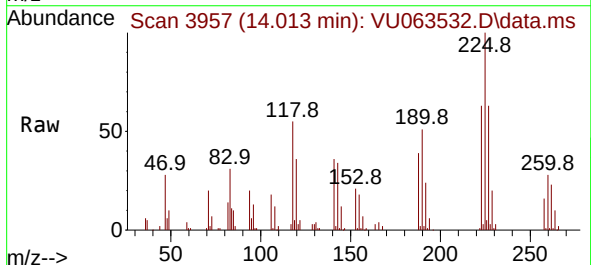
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC010

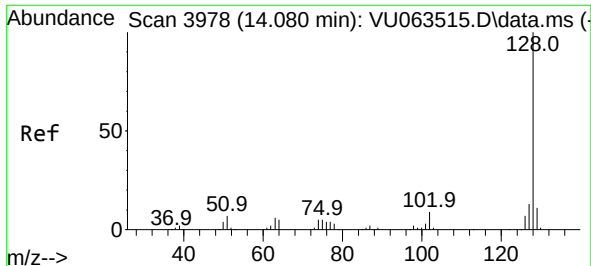
Tgt Ion:180 Resp: 82660  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 76.2 114.4  
 145 32.6 26.2 39.2



#88  
 Hexachlorobutadiene  
 Concen: 10.355 ug/l  
 RT: 14.013 min Scan# 3957  
 Delta R.T. 0.000 min  
 Lab File: VU063532.D  
 Acq: 18 Jul 2025 09:11

Tgt Ion:225 Resp: 45081  
 Ion Ratio Lower Upper  
 225 100  
 223 64.6 50.8 76.2  
 227 63.6 51.0 76.6

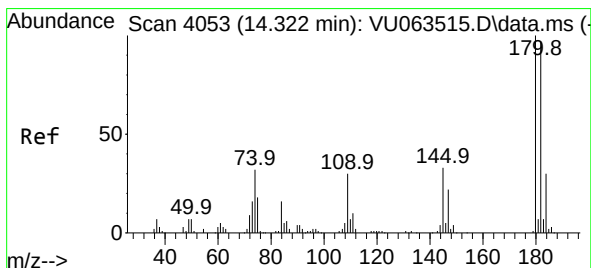
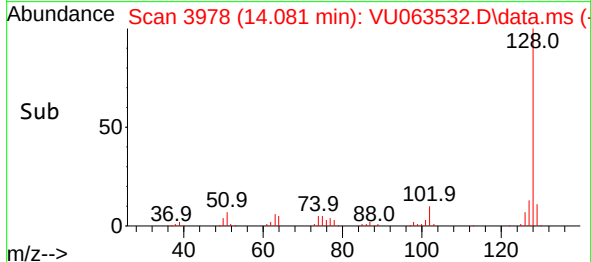
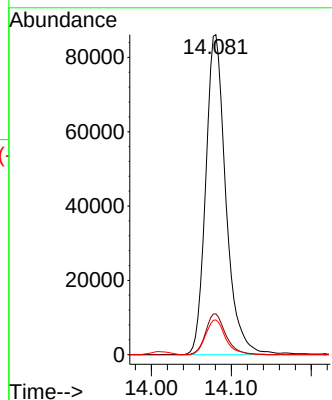
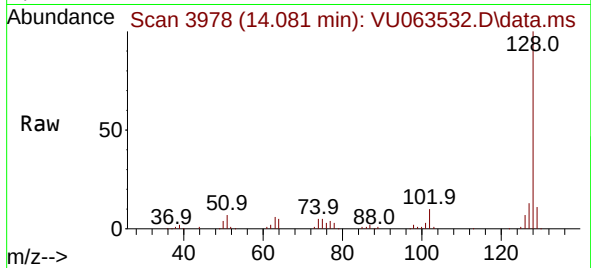




#89  
Naphthalene  
Concen: 10.991 ug/l  
RT: 14.081 min Scan# 3978  
Delta R.T. 0.001 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC010

Tgt Ion:128 Resp: 150983  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.4  
129 10.8 8.8 13.2



#90  
1,2,3-Trichlorobenzene  
Concen: 10.751 ug/l  
RT: 14.322 min Scan# 4053  
Delta R.T. 0.000 min  
Lab File: VU063532.D  
Acq: 18 Jul 2025 09:11

Tgt Ion:180 Resp: 76164  
Ion Ratio Lower Upper  
180 100  
182 95.9 78.0 117.0  
145 34.4 27.3 40.9

