

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091225\  
 Data File : VU063563.D  
 Acq On : 12 Sep 2025 09:43  
 Operator : MD/SY  
 Sample : VSTDICC001  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICC001

Quant Time: Sep 13 02:17:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U091225DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Sat Sep 13 02:14:55 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units    | Dev(Min) |
|------------------------------|--------|------|----------|--------|----------|----------|
| -----                        |        |      |          |        |          |          |
| Internal Standards           |        |      |          |        |          |          |
| 1) Fluorobenzene             | 6.097  | 96   | 34858    | 1.000  | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |          |          |
| 57) 4-Bromofluorobenzene     | 10.627 | 95   | 12942    | 1.132  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 113.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.187 | 152  | 12213    | 1.092  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 109.000% |          |
| Target Compounds             |        |      |          |        |          |          |
|                              |        |      |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.380  | 85   | 11931    | 1.410  | ug/l     | 92       |
| 3) Chloromethane             | 1.518  | 50   | 12263    | 1.493  | ug/l     | 97       |
| 4) Vinyl Chloride            | 1.599  | 62   | 12878    | 1.247  | ug/l     | 100      |
| 5) Bromomethane              | 1.840  | 94   | 8483     | 1.203  | ug/l     | 97       |
| 6) Chloroethane              | 1.920  | 64   | 8458     | 1.167  | ug/l     | 99       |
| 7) Trichlorofluoromethane    | 2.126  | 101  | 18712    | 1.044  | ug/l     | 93       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.567  | 101  | 10921    | 1.116  | ug/l     | 97       |
| 9) 1,1-Dichloroethene        | 2.570  | 96   | 9647     | 1.096  | ug/l     | 95       |
| 10) Iodomethane              | 2.708  | 142  | 12776    | 0.923  | ug/l     | 100      |
| 11) Allyl Chloride           | 2.907  | 41   | 15136    | 1.303  | ug/l     | 93       |
| 12) Acrylonitrile            | 3.306  | 53   | 5741     | 2.506  | ug/l     | 97       |
| 13) Acetone                  | 2.618  | 43   | 19370    | 5.419  | ug/l     | 98       |
| 14) Carbon Disulfide         | 2.776  | 76   | 19767    | 1.042  | ug/l     | 98       |
| 15) Methylene Chloride       | 3.030  | 84   | 13316    | 1.128  | ug/l     | 99       |
| 16) trans-1,2-Dichloroethene | 3.335  | 96   | 9935     | 1.032  | ug/l     | 91       |
| 17) 1,1-Dichloroethane       | 3.849  | 63   | 24022    | 1.214  | ug/l     | 99       |
| 18) 2-Butanone               | 4.714  | 43   | 21936    | 5.623  | ug/l     | 98       |
| 19) Cyclohexane              | 5.361  | 56   | 17470    | 1.159  | ug/l     | 95       |
| 20) Methylcyclohexane        | 6.740  | 83   | 16831    | 1.247  | ug/l     | 94       |
| 21) 2,2-Dichloropropane      | 4.647  | 77   | 18083    | 1.148  | ug/l     | 98       |
| 22) cis-1,2-Dichloroethene   | 4.647  | 96   | 13249    | 1.136  | ug/l     | 97       |
| 23) Diethyl Ether            | 2.370  | 59   | 8458     | 1.206  | ug/l     | 98       |
| 24) tert-Butyl Alcohol       | 3.187  | 59   | 12637    | 13.795 | ug/l     | 98       |
| 25) Methyl tert-Butyl Ether  | 3.357  | 73   | 29305    | 1.185  | ug/l     | 97       |
| 26) Bromochloromethane       | 4.955  | 128  | 5320     | 1.080  | ug/l     | 96       |
| 27) Chloroform               | 5.071  | 83   | 23779    | 1.121  | ug/l     | 96       |
| 28) 1,1,1-Trichloroethane    | 5.296  | 97   | 18012    | 1.077  | ug/l     | 98       |
| 29) 1,1-Dichloropropene      | 5.505  | 75   | 16893    | 1.163  | ug/l     | 98       |
| 30) Carbon Tetrachloride     | 5.499  | 117  | 12809    | 1.003  | ug/l     | 90       |
| 31) Isopropyl Ether          | 3.988  | 45   | 40610    | 1.382  | ug/l     | 97       |
| 32) Ethyl-t-butyl ether      | 4.502  | 59   | 34463    | 1.251  | ug/l     | 97       |
| 33) Tert-Amyl methyl ether   | 5.939  | 73   | 29359    | 1.180  | ug/l     | 99       |
| 34) Propionitrile            | 4.769  | 54   | 5627     | 6.273  | ug/l     | # 94     |
| 35) Benzene                  | 5.756  | 78   | 49174    | 1.151  | ug/l     | 96       |
| 36) 1,2-Dichloroethane       | 5.782  | 62   | 16985    | 1.226  | ug/l     | 96       |
| 37) Trichloroethene          | 6.525  | 130  | 11701    | 1.080  | ug/l     | 93       |
| 38) 1,2-Dichloropropane      | 6.779  | 63   | 12015    | 1.204  | ug/l     | 97       |
| 39) Methacrylonitrile        | 4.972  | 41   | 4727     | 1.241  | ug/l     | 94       |
| 40) Methyl acrylate          | 4.849  | 55   | 7256     | 1.245  | ug/l     | # 96     |
| 41) Tetrahydrofuran          | 5.058  | 42   | 6159     | 3.006  | ug/l     | 95       |
| 42) 1-Chlorobutane           | 5.441  | 56   | 23231    | 1.244  | ug/l     | 99       |
| 43) Dibromomethane           | 6.907  | 93   | 6429     | 1.248  | ug/l     | 94       |
| 44) Bromodichloromethane     | 7.094  | 83   | 12192    | 1.116  | ug/l     | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091225\  
 Data File : VU063563.D  
 Acq On : 12 Sep 2025 09:43  
 Operator : MD/SY  
 Sample : VSTDICC001  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

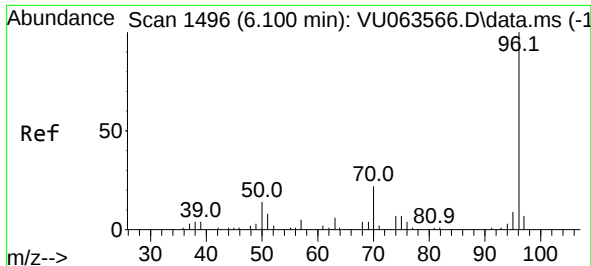
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICC001

Quant Time: Sep 13 02:17:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U091225DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Sat Sep 13 02:14:55 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.798  | 43   | 36086    | 7.127 | ug/l   | 99       |
| 46) t-1,4-Dichloro-2-butene   | 10.817 | 75   | 10976    | 4.734 | ug/l # | 64       |
| 47) Methyl methacrylate       | 6.965  | 69   | 10719    | 2.430 | ug/l   | 96       |
| 48) Ethyl methacrylate        | 8.335  | 69   | 9510     | 1.282 | ug/l   | 97       |
| 49) Toluene                   | 7.962  | 92   | 24911    | 1.263 | ug/l   | 93       |
| 50) t-1,3-Dichloropropene     | 8.206  | 75   | 8994     | 1.174 | ug/l   | 96       |
| 51) cis-1,3-Dichloropropene   | 7.602  | 75   | 12005    | 1.206 | ug/l # | 86       |
| 52) 1,1,2-Trichloroethane     | 8.393  | 97   | 8348     | 1.232 | ug/l   | 98       |
| 53) 1,3-Dichloropropane       | 8.569  | 76   | 14962    | 1.339 | ug/l   | 98       |
| 54) 2-Hexanone                | 8.688  | 43   | 25510    | 6.240 | ug/l   | 97       |
| 55) Dibromochloromethane      | 8.804  | 129  | 7983     | 1.228 | ug/l   | 96       |
| 56) 1,2-Dibromoethane         | 8.917  | 107  | 7020     | 1.223 | ug/l   | 96       |
| 58) Tetrachloroethene         | 8.541  | 164  | 12380    | 1.431 | ug/l   | 89       |
| 59) Chlorobenzene             | 9.438  | 112  | 28511    | 1.223 | ug/l   | 94       |
| 60) 1,1,1,2-Tetrachloroethane | 9.524  | 131  | 9106     | 1.191 | ug/l   | 96       |
| 61) Pentachloroethane         | 11.418 | 117  | 6303     | 1.088 | ug/l   | 90       |
| 62) Hexachloroethane          | 12.463 | 117  | 5433     | 1.073 | ug/l   | 94       |
| 63) Ethyl Benzene             | 9.563  | 91   | 48238    | 1.212 | ug/l   | 96       |
| 64) m/p-Xylenes               | 9.685  | 106  | 37457    | 2.446 | ug/l   | 91       |
| 65) o-Xylene                  | 10.094 | 106  | 18108    | 1.192 | ug/l   | 96       |
| 66) Styrene                   | 10.110 | 104  | 29321    | 1.183 | ug/l   | 98       |
| 67) Bromoform                 | 10.283 | 173  | 3819     | 1.170 | ug/l # | 99       |
| 69) Isopropylbenzene          | 10.476 | 105  | 45091    | 1.210 | ug/l   | 99       |
| 70) 1,1,2,2-Tetrachloroethane | 10.772 | 83   | 10691    | 1.225 | ug/l   | 99       |
| 71) 1,2,3-Trichloropropane    | 10.817 | 75   | 10976    | 1.813 | ug/l # | 81       |
| 72) Bromobenzene              | 10.778 | 156  | 11780    | 1.245 | ug/l   | 94       |
| 73) n-propylbenzene           | 10.897 | 120  | 12218    | 1.116 | ug/l   | 83       |
| 74) 2-Chlorotoluene           | 10.981 | 126  | 11978    | 1.221 | ug/l   | 94       |
| 75) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 41655    | 1.172 | ug/l   | 100      |
| 76) 4-Chlorotoluene           | 11.093 | 126  | 12508    | 1.206 | ug/l   | 91       |
| 77) tert-Butylbenzene         | 11.412 | 119  | 39611    | 1.147 | ug/l   | 98       |
| 78) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 39425    | 1.115 | ug/l   | 99       |
| 79) sec-Butylbenzene          | 11.634 | 105  | 54941    | 1.177 | ug/l   | 100      |
| 80) Nitrobenzene              | 13.225 | 77   | 692      | 7.036 | ug/l # | 54       |
| 81) p-Isopropyltoluene        | 11.785 | 119  | 43610    | 1.154 | ug/l   | 99       |
| 82) 1,3-Dichlorobenzene       | 11.740 | 146  | 23568    | 1.203 | ug/l   | 97       |
| 83) 1,4-Dichlorobenzene       | 11.833 | 146  | 24700    | 1.244 | ug/l   | 99       |
| 84) n-Butylbenzene            | 12.203 | 91   | 39680    | 1.108 | ug/l   | 98       |
| 85) 1,2-Dichlorobenzene       | 12.206 | 146  | 23591    | 1.242 | ug/l   | 97       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.987 | 75   | 1209     | 1.056 | ug/l   | 94       |
| 87) 1,2,4-Trichlorobenzene    | 13.839 | 180  | 13548    | 1.214 | ug/l   | 98       |
| 88) Hexachlorobutadiene       | 14.013 | 225  | 9121     | 1.343 | ug/l   | 92       |
| 89) Naphthalene               | 14.090 | 128  | 23158    | 1.143 | ug/l   | 99       |
| 90) 1,2,3-Trichlorobenzene    | 14.328 | 180  | 12716    | 1.232 | ug/l   | 98       |

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

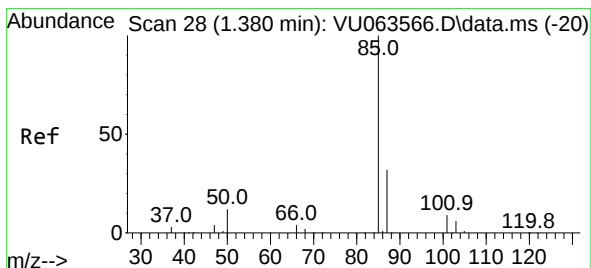
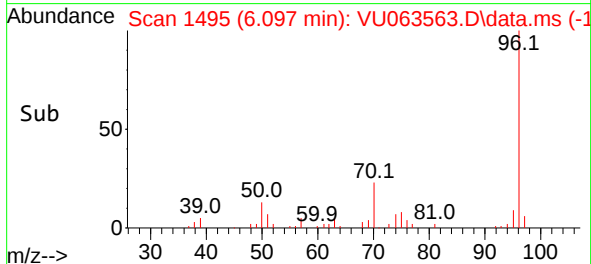
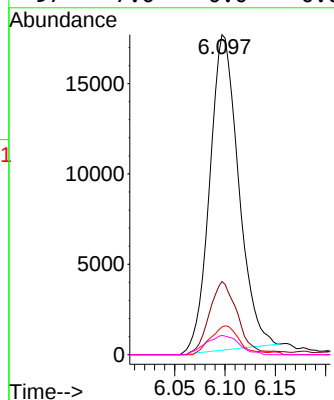
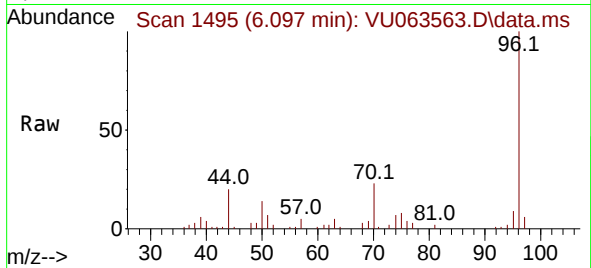




#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.097 min Scan# 14  
Delta R.T. -0.003 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

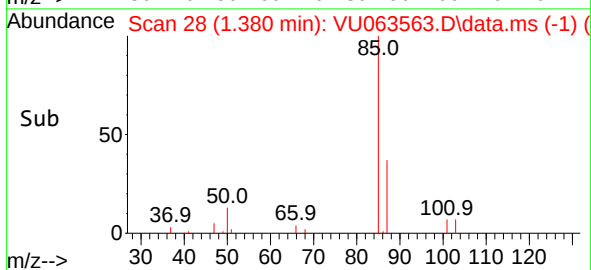
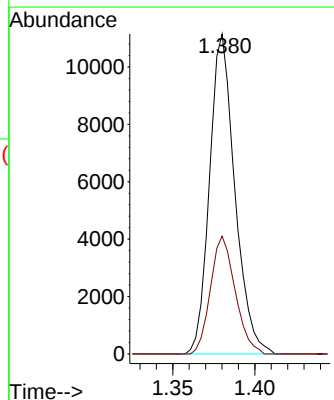
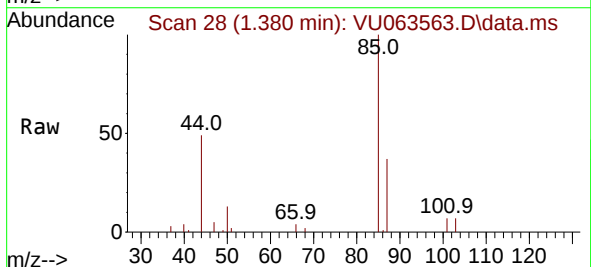
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

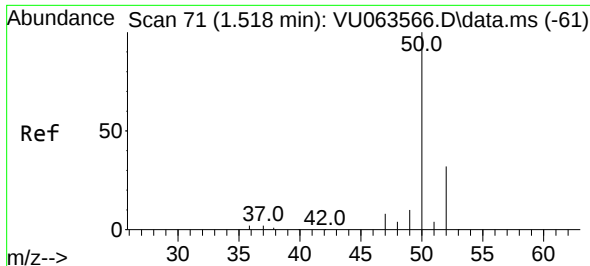
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 34858 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 70       | 22.0  | 15.5  | 23.3  |
| 95       | 8.4   | 7.7   | 11.5  |
| 97       | 7.0   | 0.0   | 0.0   |



#2  
Dichlorodifluoromethane  
Concen: 1.410 ug/l  
RT: 1.380 min Scan# 28  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 85    | Resp: | 11931 |
| Ion      | Ratio | Lower | Upper |
| 85       | 100   |       |       |
| 87       | 36.8  | 16.1  | 48.2  |

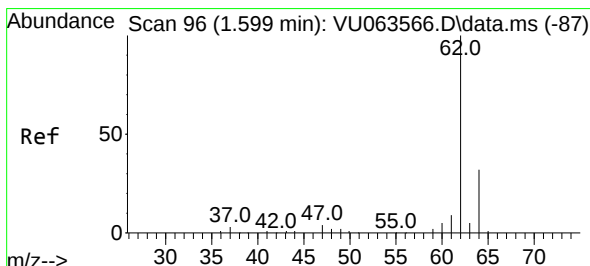
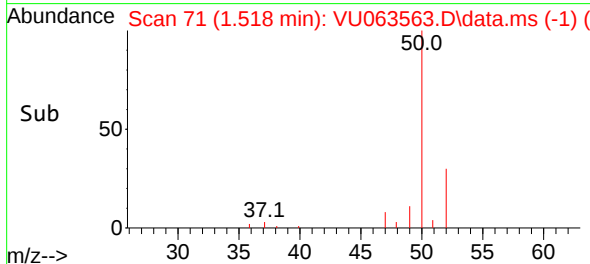
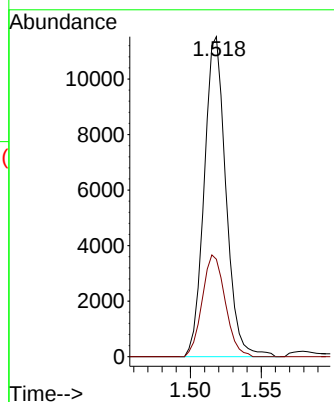
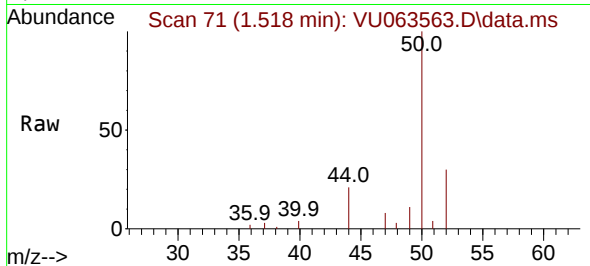




#3  
Chloromethane  
Concen: 1.493 ug/l  
RT: 1.518 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

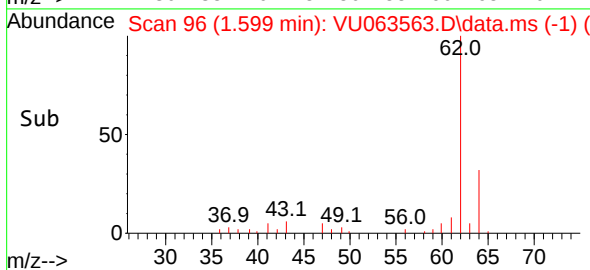
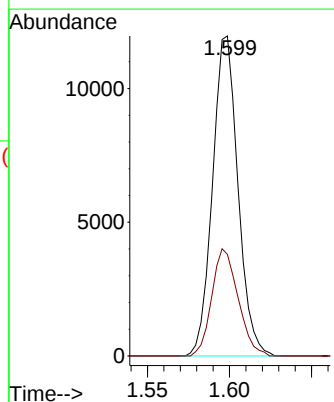
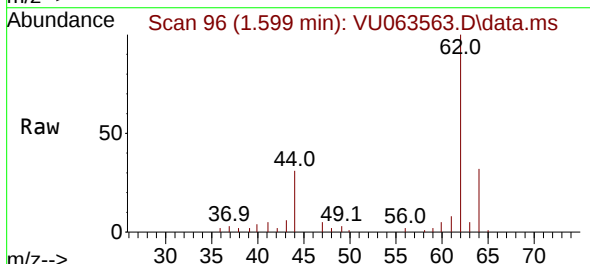
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

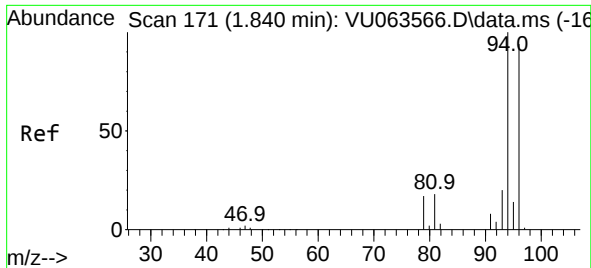
Tgt Ion: 50 Resp: 12263  
Ion Ratio Lower Upper  
50 100  
52 30.5 25.6 38.4



#4  
Vinyl Chloride  
Concen: 1.247 ug/l  
RT: 1.599 min Scan# 96  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

Tgt Ion: 62 Resp: 12878  
Ion Ratio Lower Upper  
62 100  
64 31.8 25.5 38.3

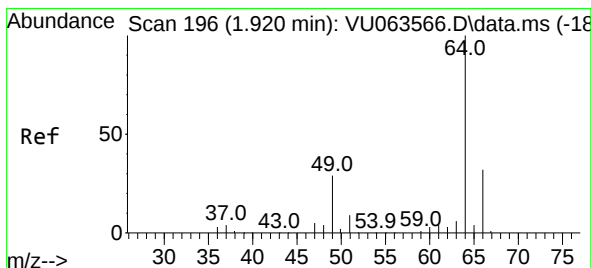
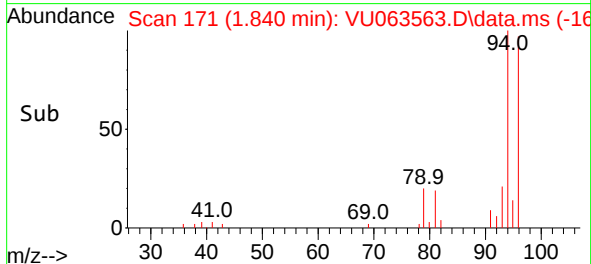
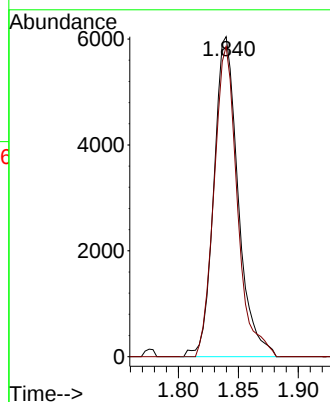
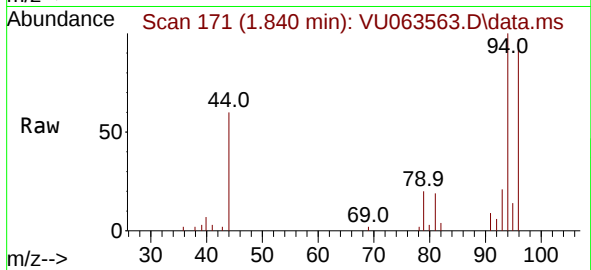




#5  
Bromomethane  
Concen: 1.203 ug/l  
RT: 1.840 min Scan# 171  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

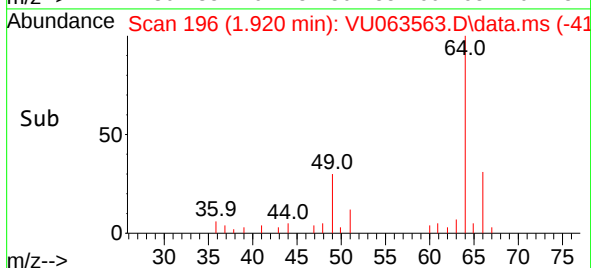
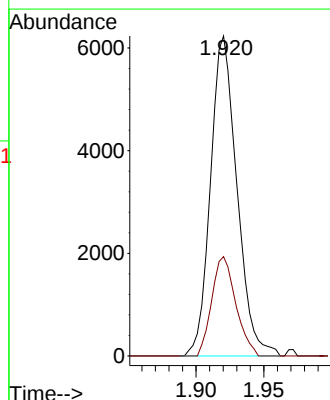
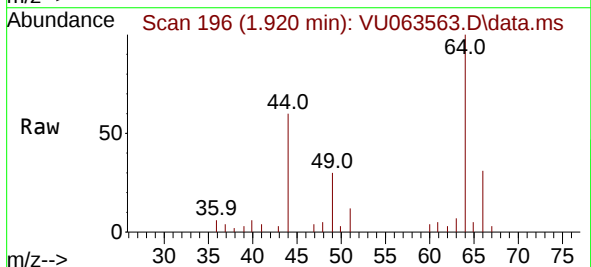
Instrument :  
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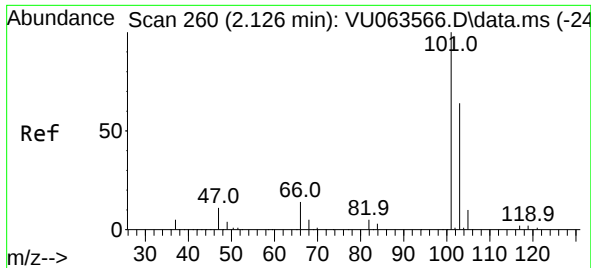
Tgt Ion: 94 Resp: 8483  
Ion Ratio Lower Upper  
94 100  
96 97.0 75.1 112.7



#6  
Chloroethane  
Concen: 1.167 ug/l  
RT: 1.920 min Scan# 196  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

Tgt Ion: 64 Resp: 8458  
Ion Ratio Lower Upper  
64 100  
66 31.1 25.4 38.0

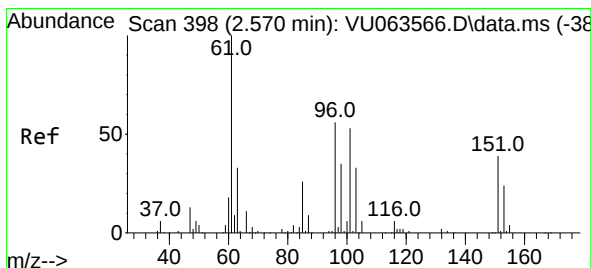
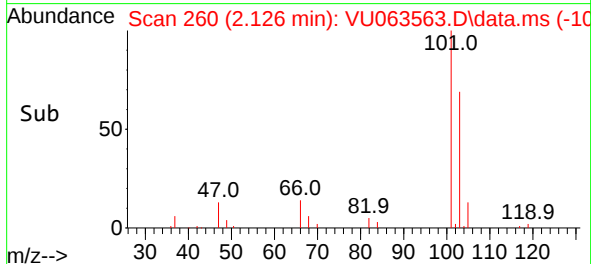
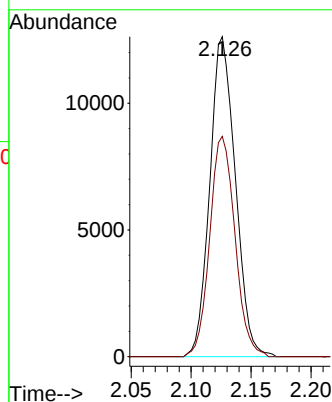
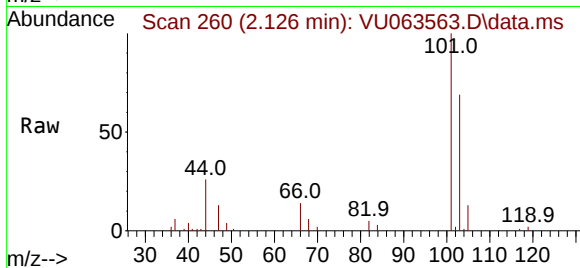




#7  
 Trichlorofluoromethane  
 Concen: 1.044 ug/l  
 RT: 2.126 min Scan# 212  
 Delta R.T. -0.000 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

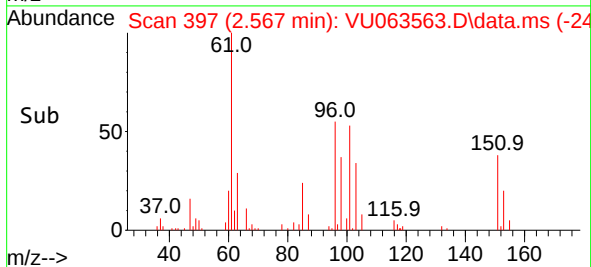
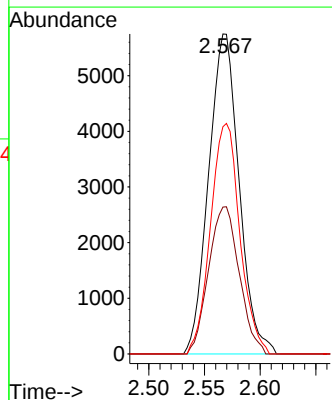
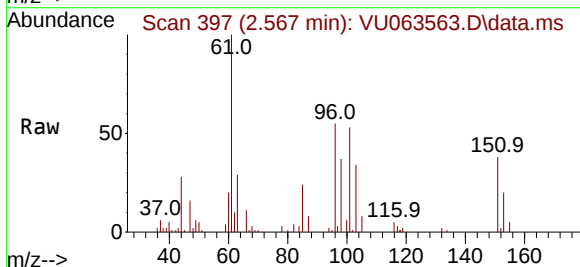
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

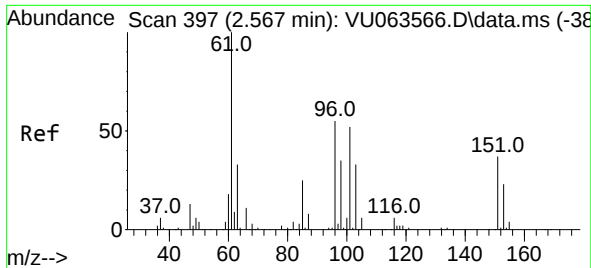
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 Ion Ratio Lower Upper  
 101 100  
 103 68.9 50.8 76.2



#8  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 1.116 ug/l  
 RT: 2.567 min Scan# 397  
 Delta R.T. -0.003 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

Tgt Ion:101 Resp: 10921  
 Ion Ratio Lower Upper  
 101 100  
 85 46.3 38.7 58.1  
 151 69.5 58.2 87.2

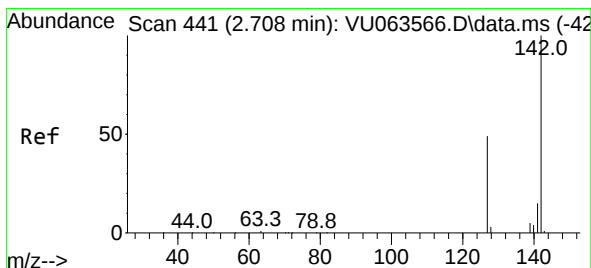
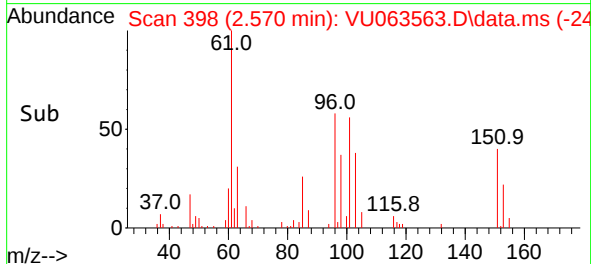
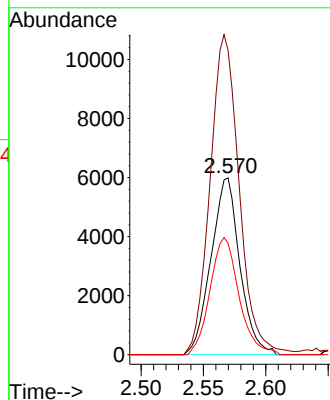
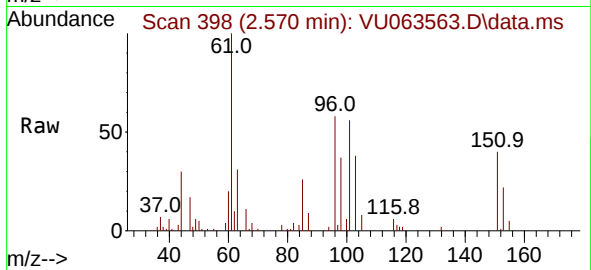




#9  
1,1-Dichloroethene  
Concen: 1.096 ug/l  
RT: 2.570 min Scan# 397  
Delta R.T. 0.003 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

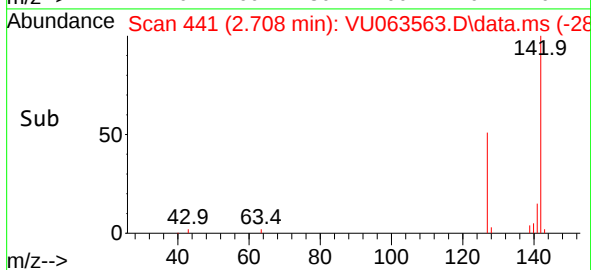
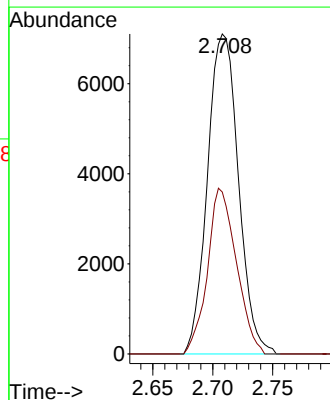
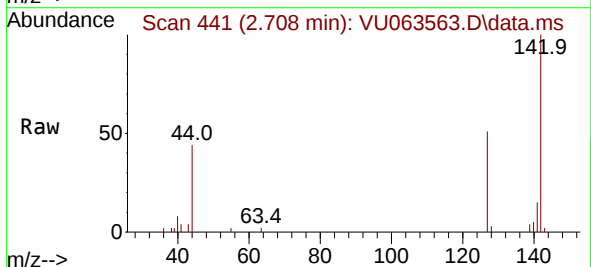
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

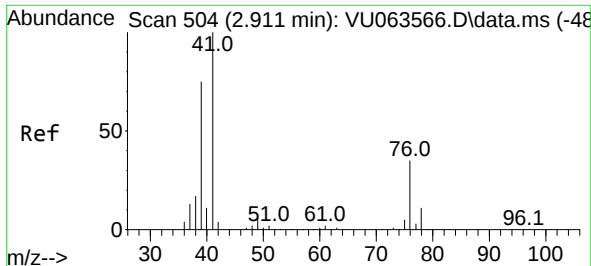
Tgt Ion: 96 Resp: 9647  
Ion Ratio Lower Upper  
96 100  
61 172.2 0.0 543.9  
98 63.1 0.0 125.8



#10  
Iodomethane  
Concen: 0.923 ug/l  
RT: 2.708 min Scan# 441  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

Tgt Ion: 142 Resp: 12776  
Ion Ratio Lower Upper  
142 100  
127 48.2 38.6 58.0

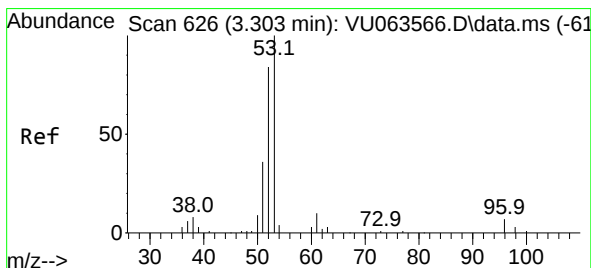
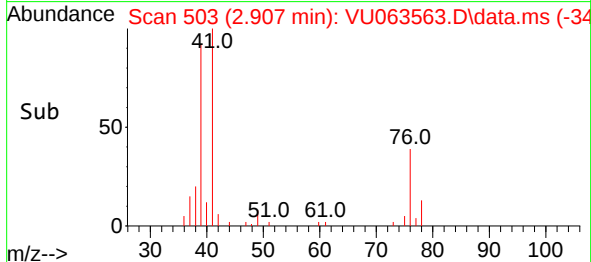
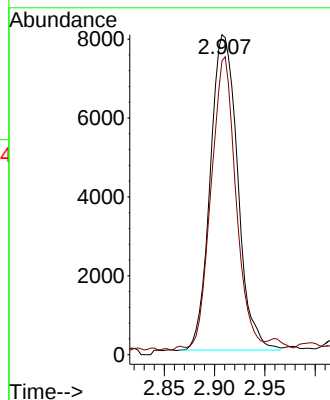
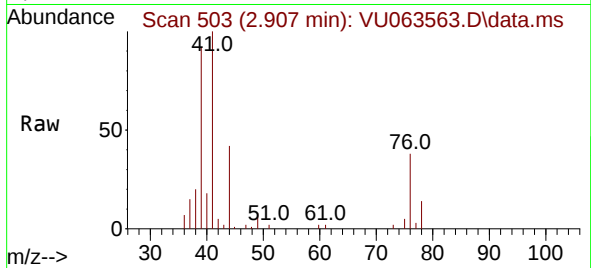




#11  
 Allyl Chloride  
 Concen: 1.303 ug/l  
 RT: 2.907 min Scan# 504  
 Delta R.T. -0.003 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

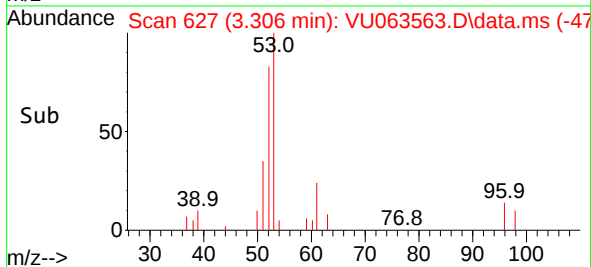
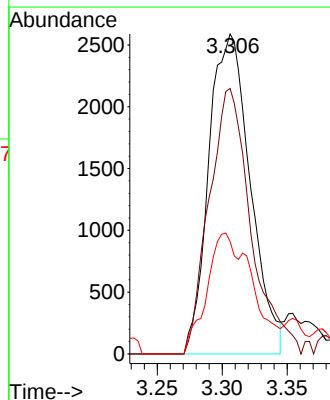
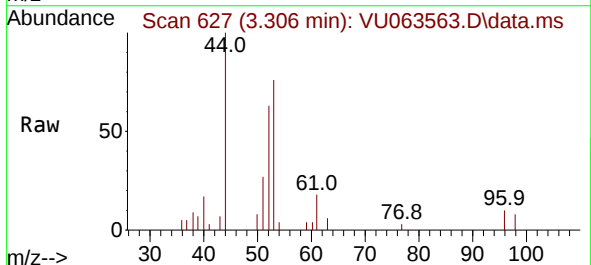
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

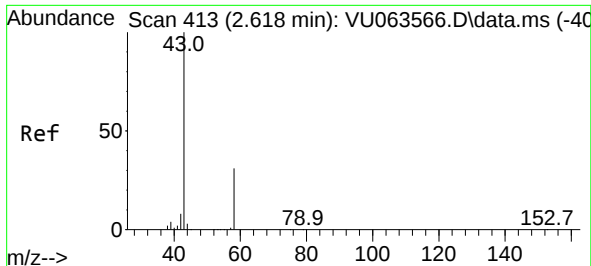
Tgt Ion: 41 Resp: 15136  
 Ion Ratio Lower Upper  
 41 100  
 39 82.7 61.2 91.8



#12  
 Acrylonitrile  
 Concen: 2.506 ug/l  
 RT: 3.306 min Scan# 627  
 Delta R.T. 0.003 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

Tgt Ion: 53 Resp: 5741  
 Ion Ratio Lower Upper  
 53 100  
 52 83.6 65.0 97.4  
 51 41.8 31.2 46.8





#13

Acetone

Concen: 5.419 ug/l

RT: 2.618 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Instrument :

MSVOA\_U

ClientSampleId :

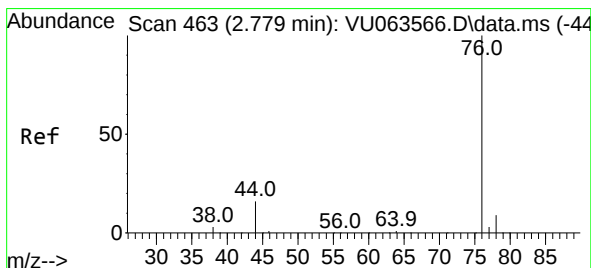
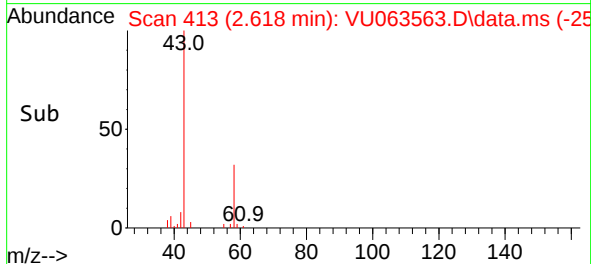
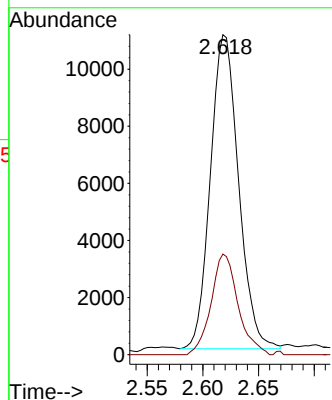
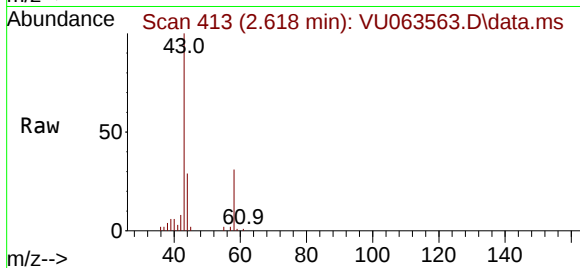
VSTDIC001

Tgt Ion: 43 Resp: 19370

Ion Ratio Lower Upper

43 100

58 32.0 24.7 37.1



#14

Carbon Disulfide

Concen: 1.042 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.003 min

Lab File: VU063563.D

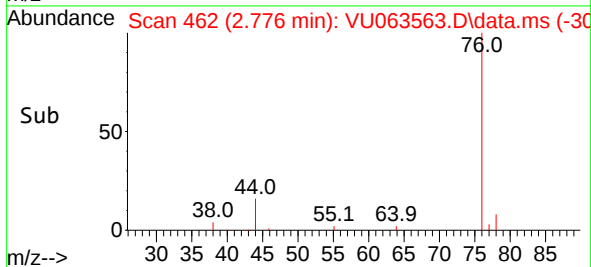
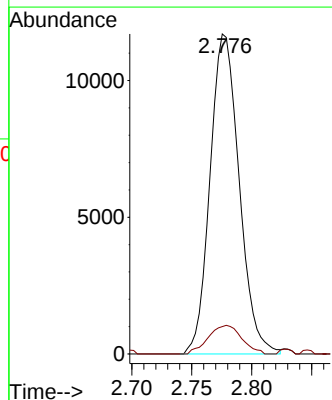
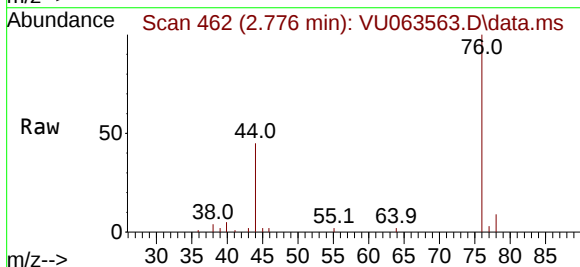
Acq: 12 Sep 2025 09:43

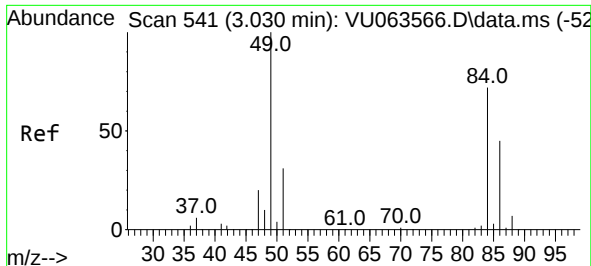
Tgt Ion: 76 Resp: 19767

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9

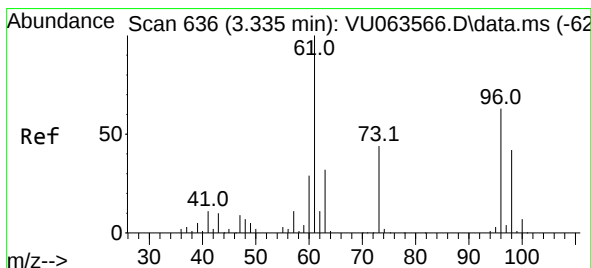
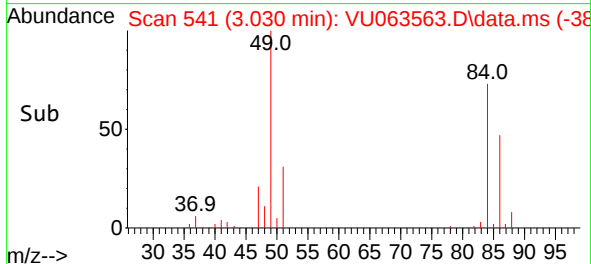
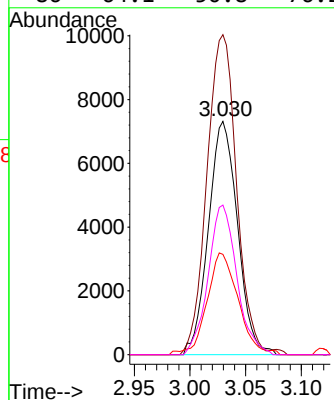
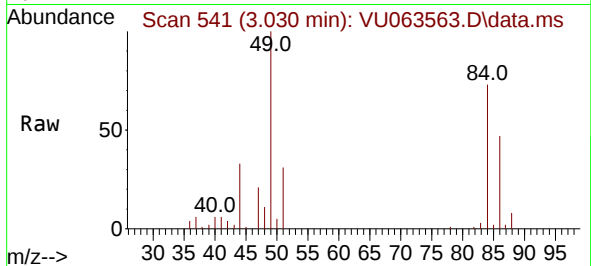




#15  
Methylene Chloride  
Concen: 1.128 ug/l  
RT: 3.030 min Scan# 541  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

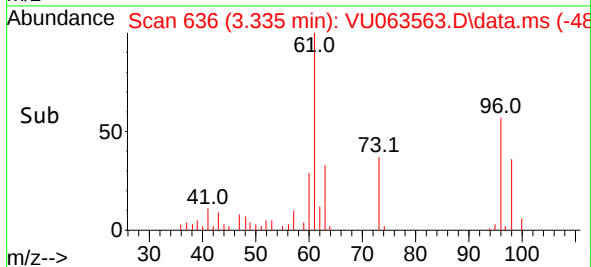
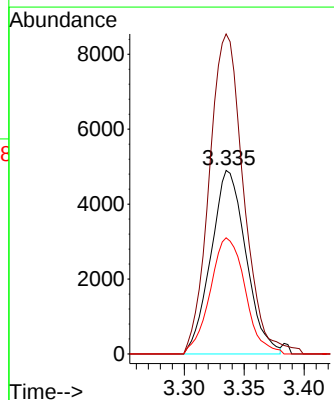
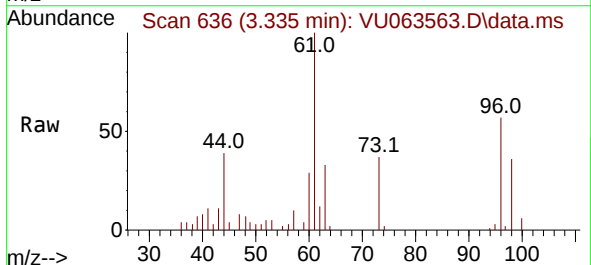
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

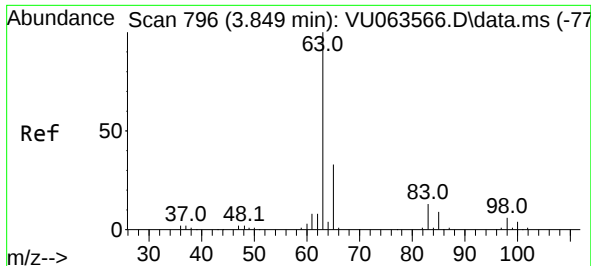
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 13316 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 137.1 | 111.8 | 167.6 |
| 51       | 43.0  | 0.0   | 86.0  |
| 86       | 64.1  | 50.8  | 76.2  |



#16  
trans-1,2-Dichloroethene  
Concen: 1.032 ug/l  
RT: 3.335 min Scan# 636  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 9935  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 174.3 | 127.8 | 191.6 |
| 98       | 63.3  | 53.8  | 80.8  |

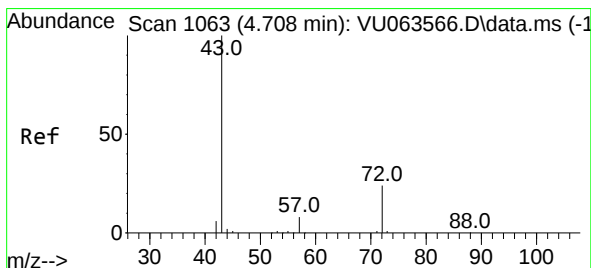
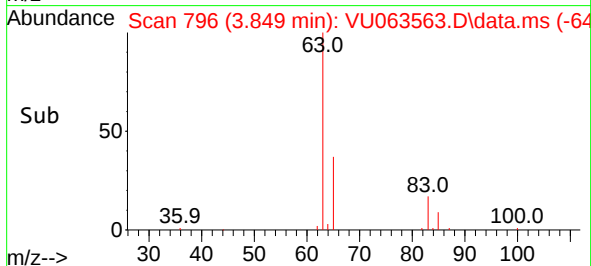
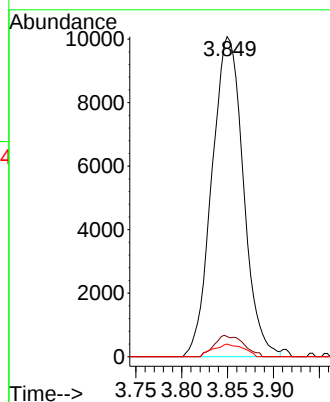
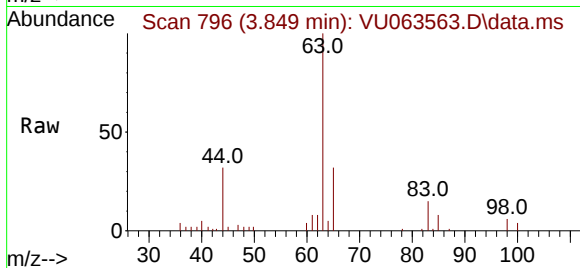




#17  
 1,1-Dichloroethane  
 Concen: 1.214 ug/l  
 RT: 3.849 min Scan# 796  
 Delta R.T. -0.000 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

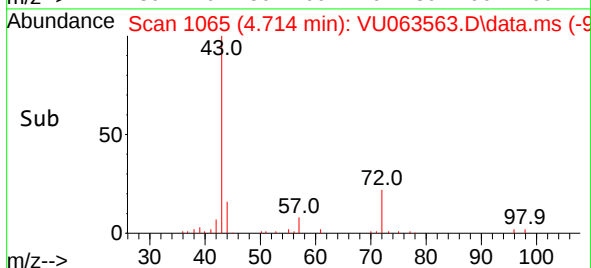
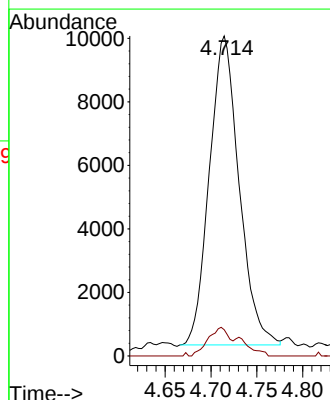
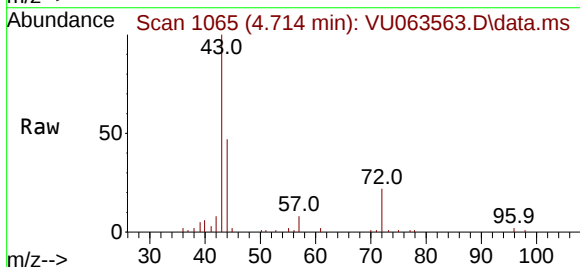
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

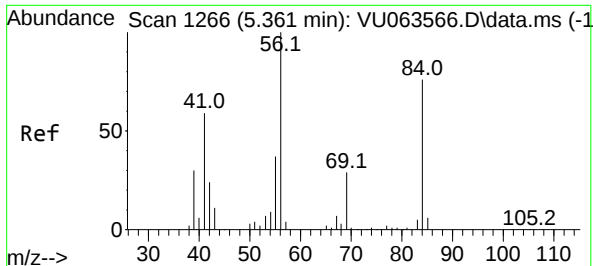
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 24022 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 98       | 6.3   | 2.9   | 8.8   |
| 100      | 3.9   | 2.0   | 5.8   |



#18  
 2-Butanone  
 Concen: 5.623 ug/l  
 RT: 4.714 min Scan# 1065  
 Delta R.T. 0.006 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 21936 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 57       | 8.5   | 0.0   | 15.8  |





#19

Cyclohexane

Concen: 1.159 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. -0.000 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

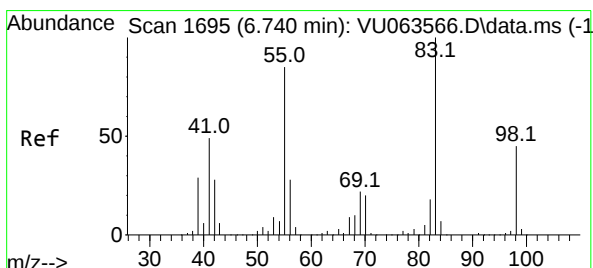
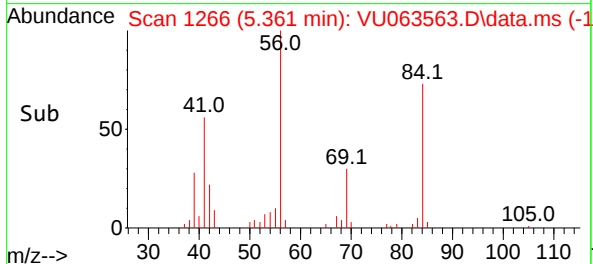
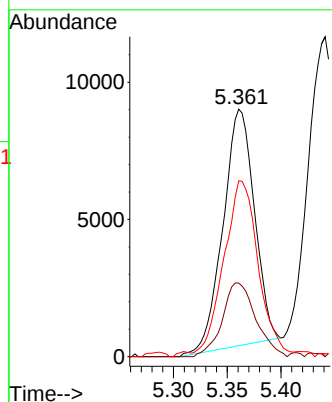
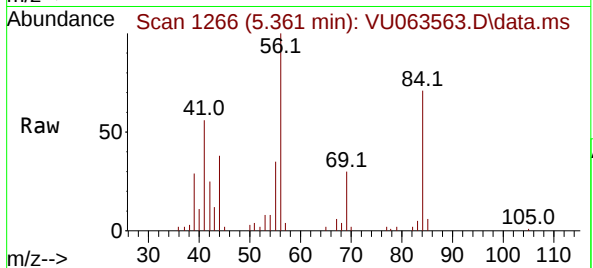
Tgt Ion: 56 Resp: 17470

Ion Ratio Lower Upper

56 100

69 33.3 22.7 34.1

84 77.1 59.4 89.0



#20

Methylcyclohexane

Concen: 1.247 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

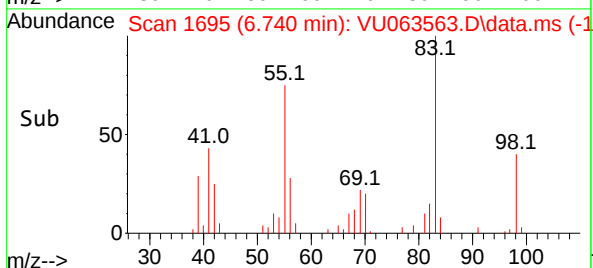
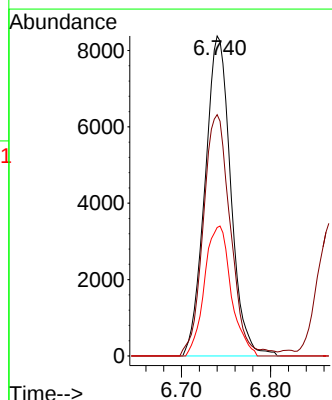
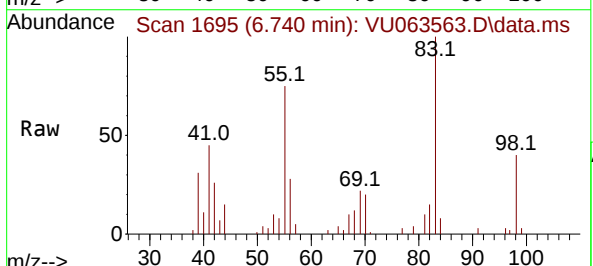
Tgt Ion: 83 Resp: 16831

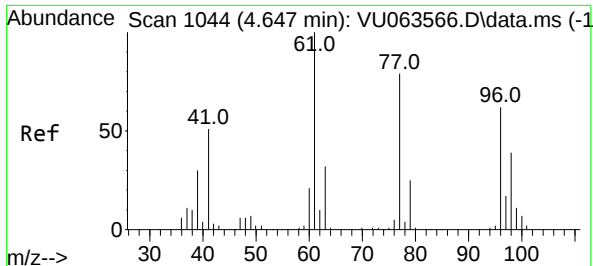
Ion Ratio Lower Upper

83 100

55 77.7 66.7 100.1

98 41.8 35.9 53.9

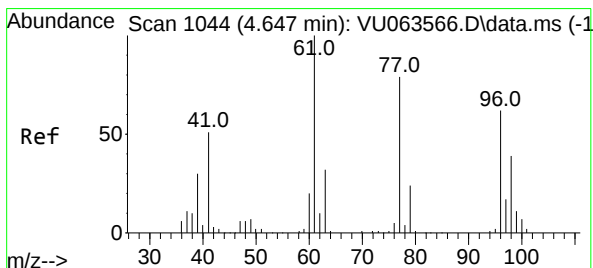
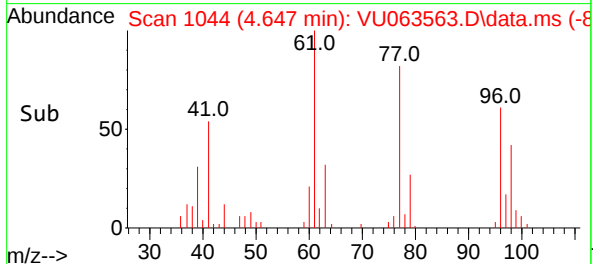
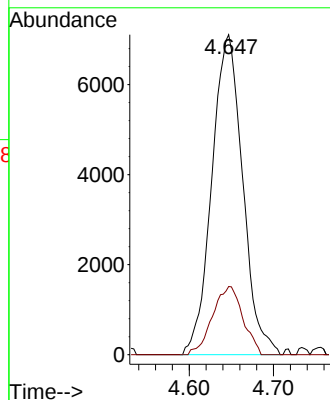
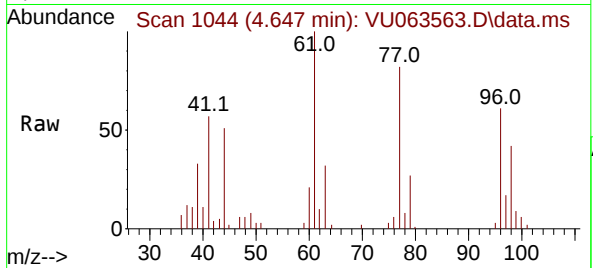




#21  
2,2-Dichloropropane  
Concen: 1.148 ug/l  
RT: 4.647 min Scan# 1044  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

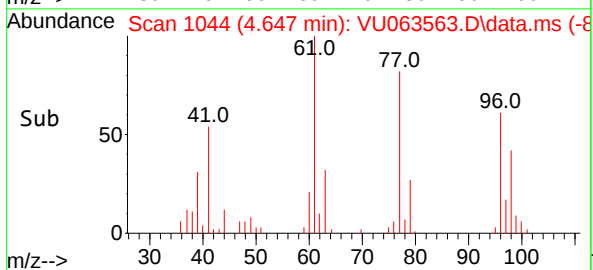
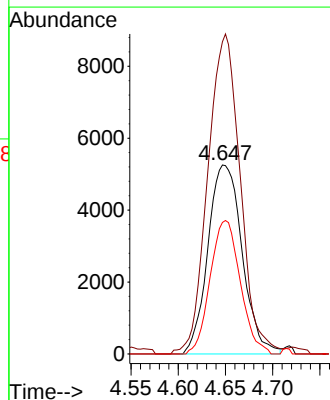
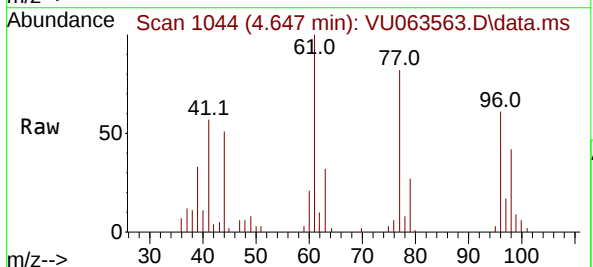
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

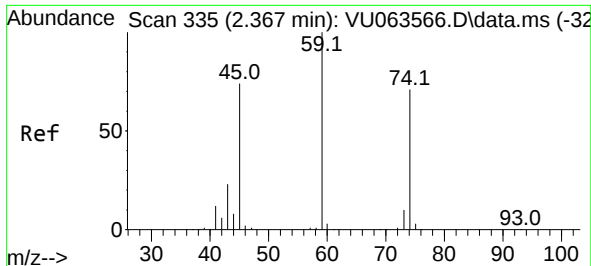
Tgt Ion: 77 Resp: 18083  
Ion Ratio Lower Upper  
77 100  
97 20.9 17.5 26.3



#22  
cis-1,2-Dichloroethene  
Concen: 1.136 ug/l  
RT: 4.647 min Scan# 1044  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

Tgt Ion: 96 Resp: 13249  
Ion Ratio Lower Upper  
96 100  
61 160.2 0.0 411.0  
98 62.1 31.9 95.9

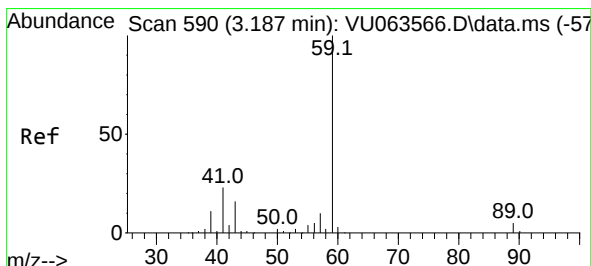
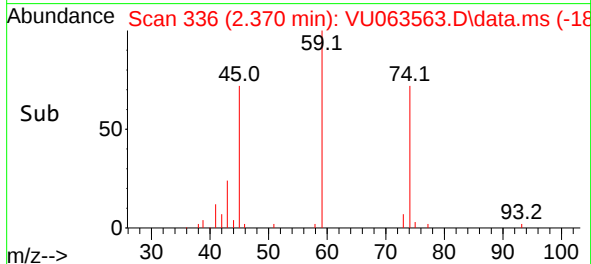
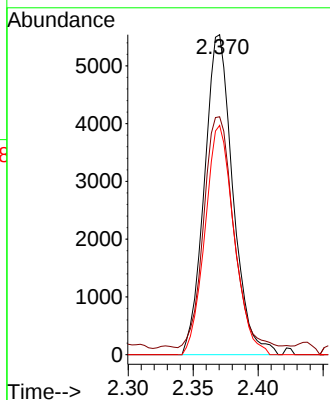
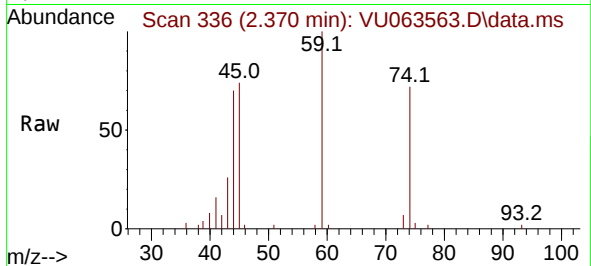




#23  
Diethyl Ether  
Concen: 1.206 ug/l  
RT: 2.370 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

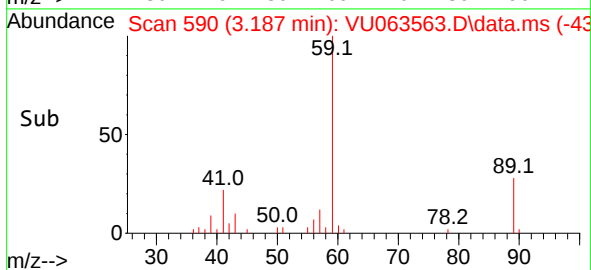
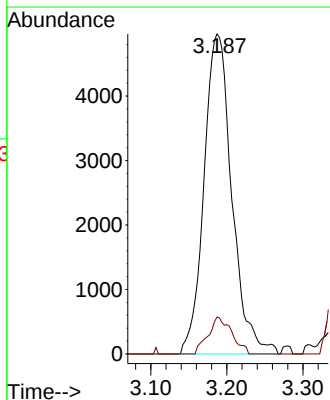
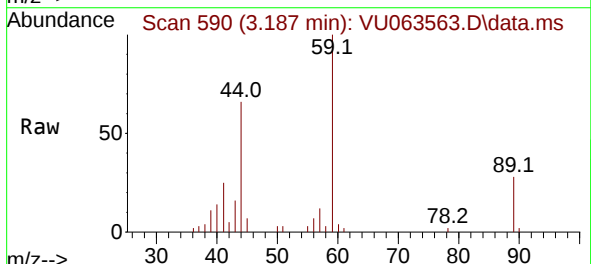
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

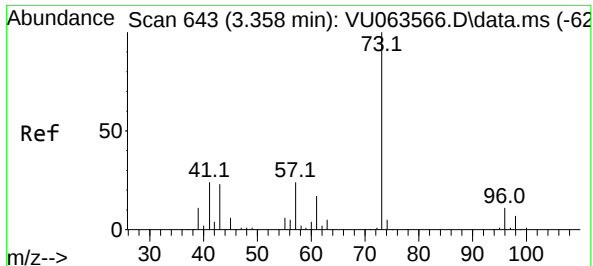
Tgt Ion: 59 Resp: 8458  
Ion Ratio Lower Upper  
59 100  
45 76.1 59.0 88.6  
74 72.8 57.8 86.6



#24  
tert-Butyl Alcohol  
Concen: 13.795 ug/l  
RT: 3.187 min Scan# 590  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

Tgt Ion: 59 Resp: 12637  
Ion Ratio Lower Upper  
59 100  
57 9.8 8.6 12.8

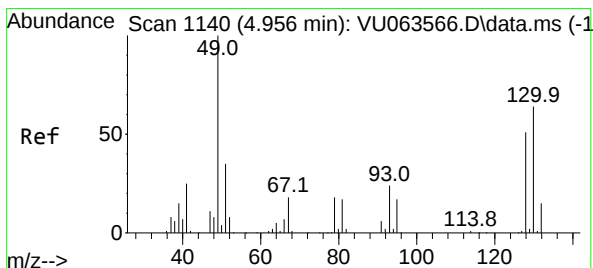
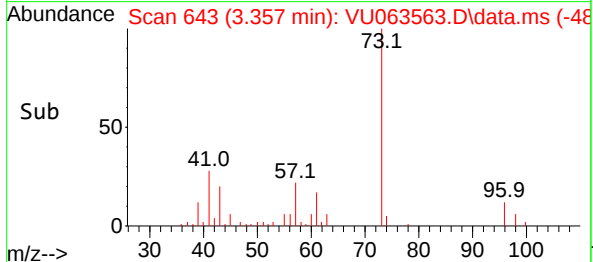
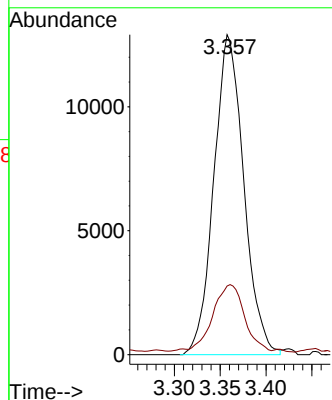
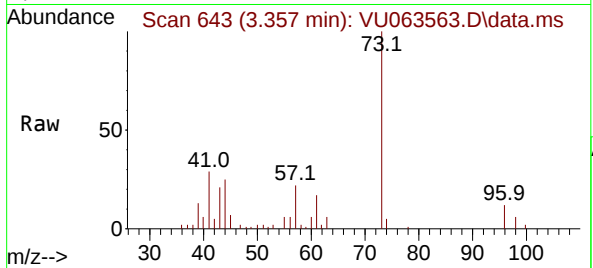




#25  
Methyl tert-Butyl Ether  
Concen: 1.185 ug/l  
RT: 3.357 min Scan# 643  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

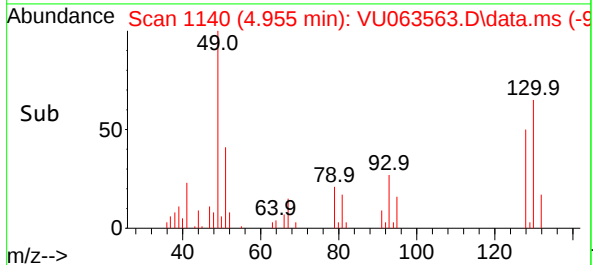
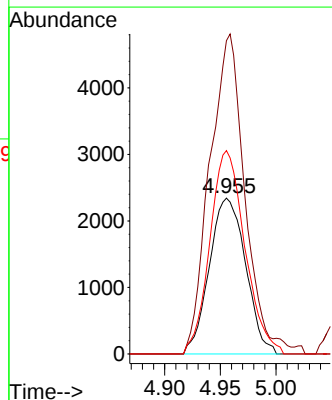
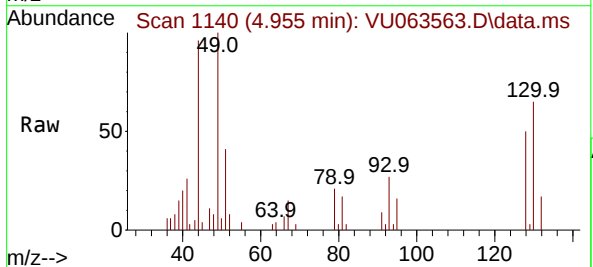
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

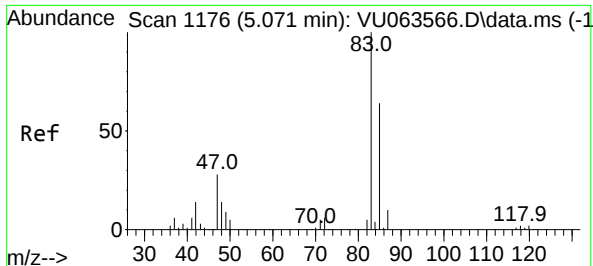
Tgt Ion: 73 Resp: 29305  
Ion Ratio Lower Upper  
73 100  
43 21.2 18.1 27.1



#26  
Bromochloromethane  
Concen: 1.080 ug/l  
RT: 4.955 min Scan# 1140  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

Tgt Ion: 128 Resp: 5320  
Ion Ratio Lower Upper  
128 100  
49 198.0 0.0 410.2  
130 126.0 103.4 155.0





#27

Chloroform

Concen: 1.121 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Instrument :

MSVOA\_U

ClientSampleId :

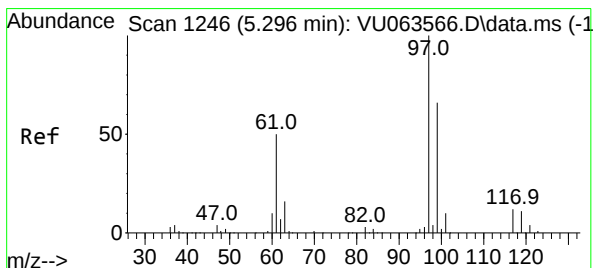
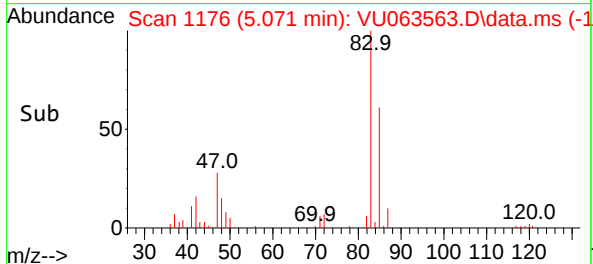
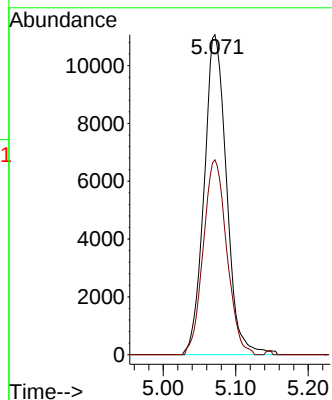
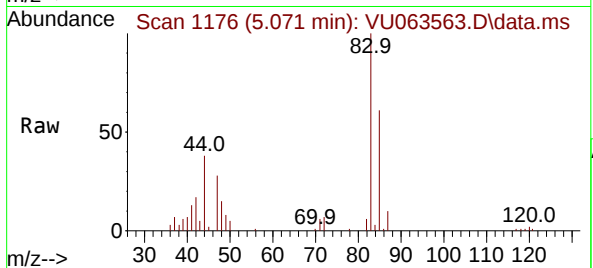
VSTDIC001

Tgt Ion: 83 Resp: 23779

Ion Ratio Lower Upper

83 100

85 60.9 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 1.077 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

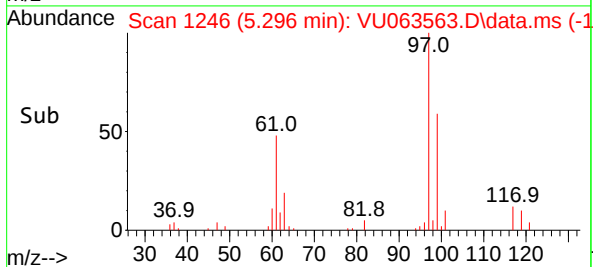
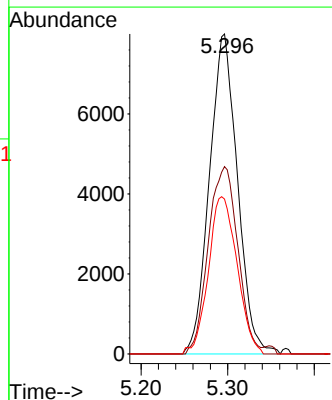
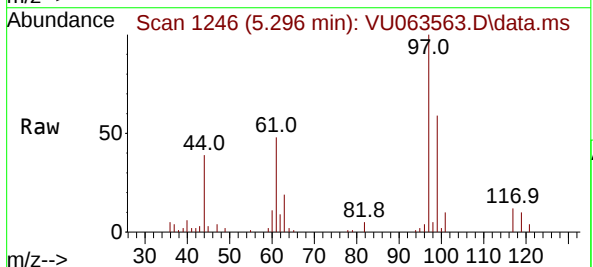
Tgt Ion: 97 Resp: 18012

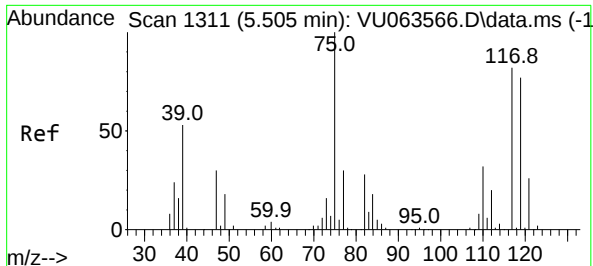
Ion Ratio Lower Upper

97 100

99 61.8 32.4 97.0

61 50.3 25.1 75.4

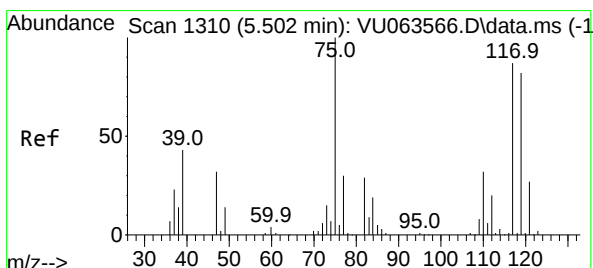
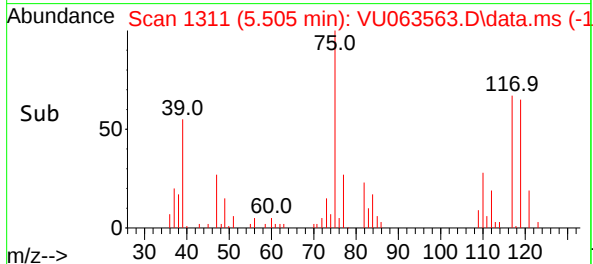
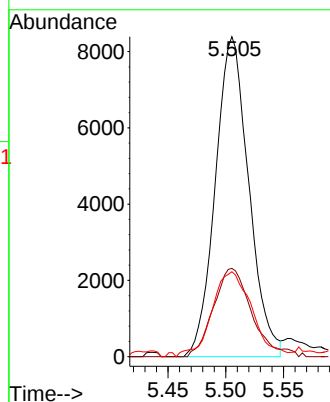
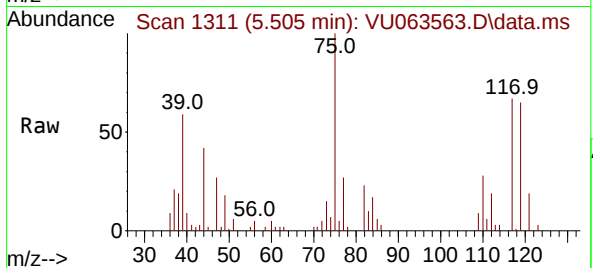




#29  
1,1-Dichloropropene  
Concen: 1.163 ug/l  
RT: 5.505 min Scan# 1311  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

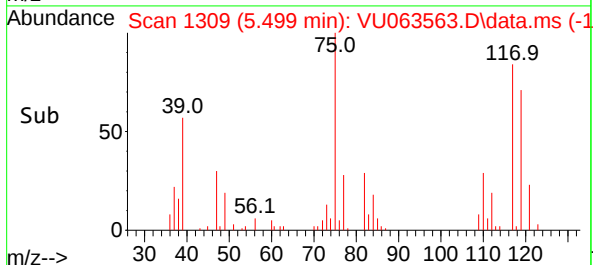
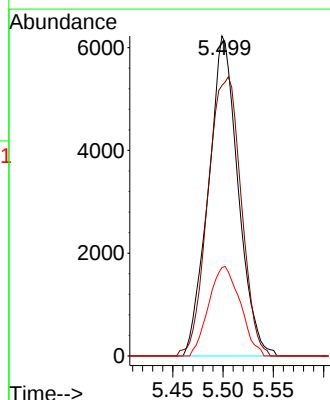
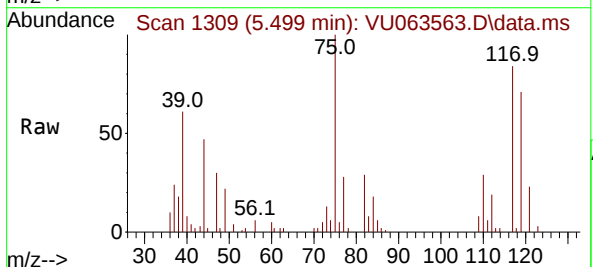
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

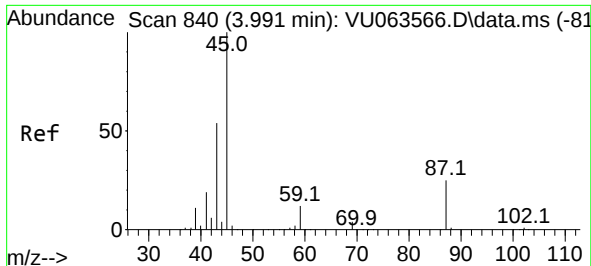
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 16893 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 31.6  | 16.4  | 49.4  |
| 77       | 31.6  | 24.6  | 37.0  |



#30  
Carbon Tetrachloride  
Concen: 1.003 ug/l  
RT: 5.499 min Scan# 1309  
Delta R.T. -0.003 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 12809 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 84.5  | 75.7  | 113.5 |
| 121      | 27.7  | 25.4  | 38.0  |

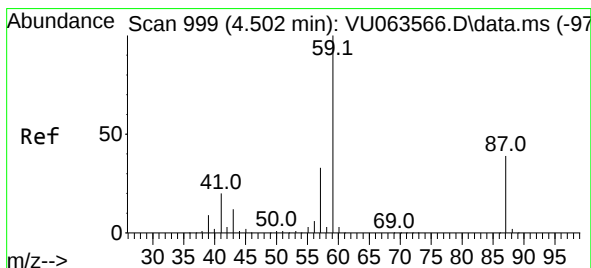
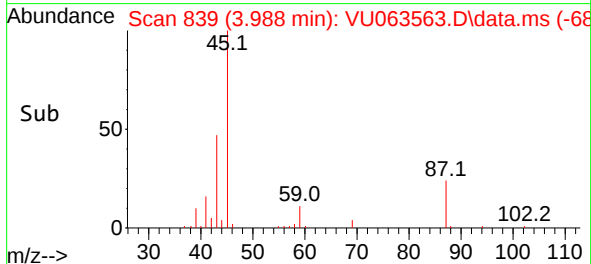
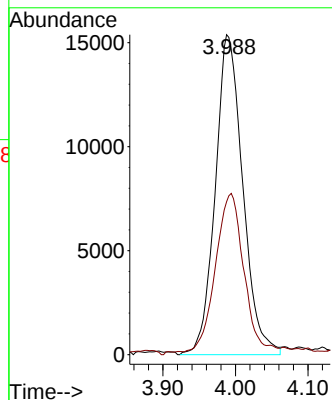
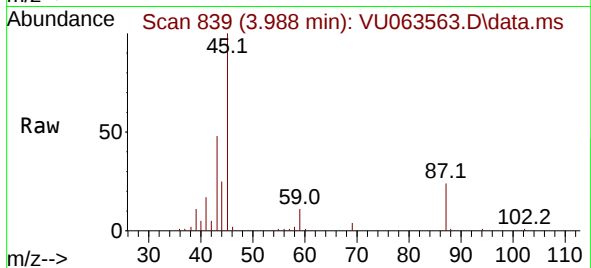




#31  
Isopropyl Ether  
Concen: 1.382 ug/l  
RT: 3.988 min Scan# 840  
Delta R.T. -0.003 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

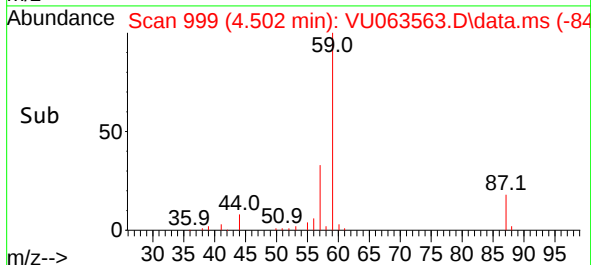
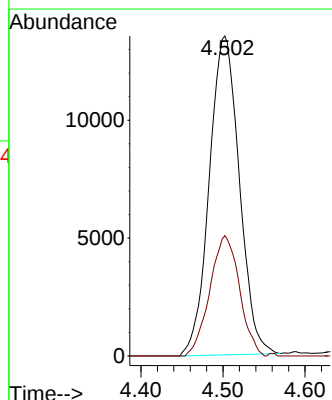
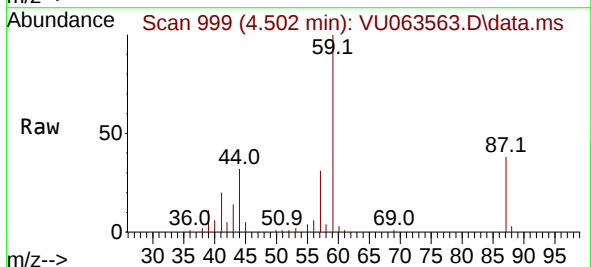
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

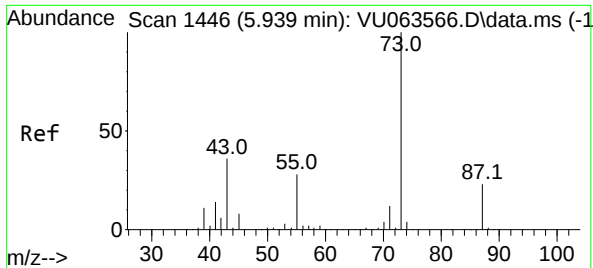
Tgt Ion: 45 Resp: 40610  
Ion Ratio Lower Upper  
45 100  
43 50.1 26.2 78.6



#32  
Ethyl-t-butyl ether  
Concen: 1.251 ug/l  
RT: 4.502 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

Tgt Ion: 59 Resp: 34463  
Ion Ratio Lower Upper  
59 100  
87 37.2 31.2 46.8

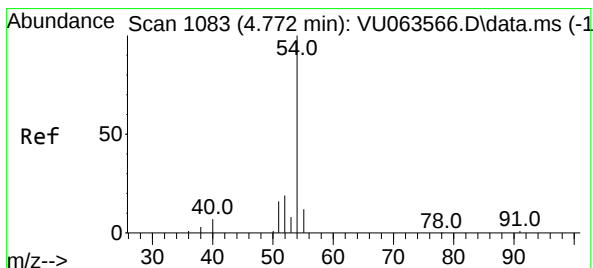
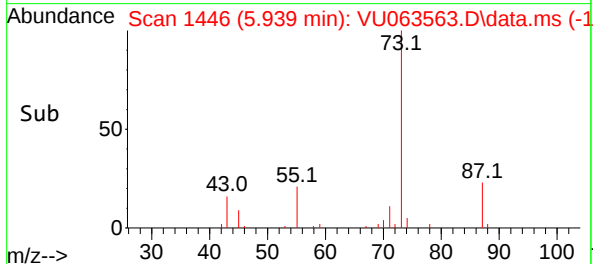
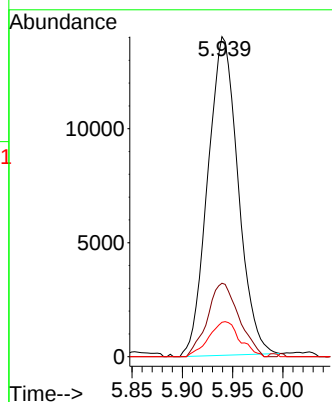
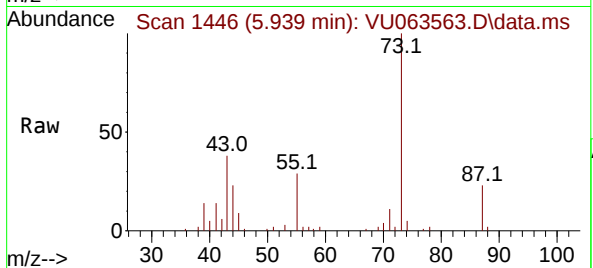




#33  
Tert-Amyl methyl ether  
Concen: 1.180 ug/l  
RT: 5.939 min Scan# 1446  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

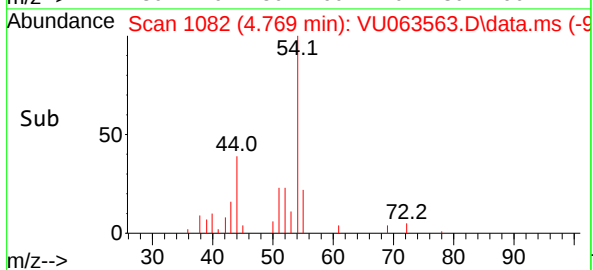
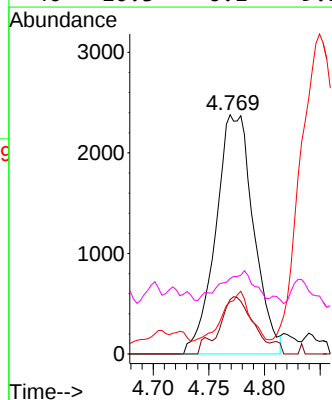
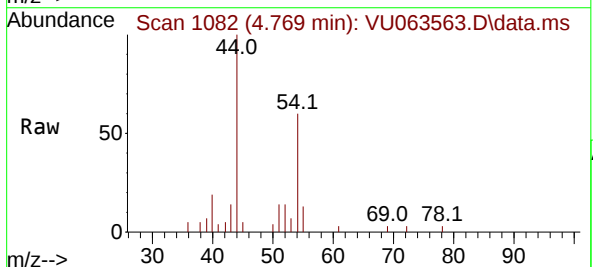
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

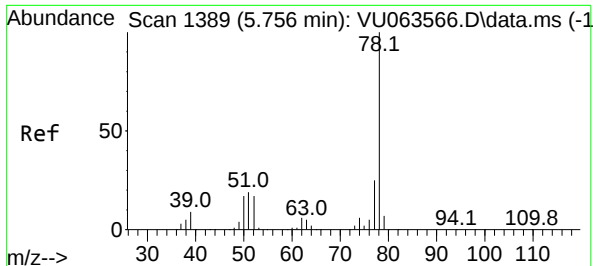
|             |             |
|-------------|-------------|
| Tgt Ion: 73 | Resp: 29359 |
| Ion Ratio   | Lower Upper |
| 73 100      |             |
| 87 23.8     | 19.0 28.6   |
| 71 11.2     | 9.4 14.2    |



#34  
Propionitrile  
Concen: 6.273 ug/l  
RT: 4.769 min Scan# 1082  
Delta R.T. -0.003 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

|             |             |
|-------------|-------------|
| Tgt Ion: 54 | Resp: 5627  |
| Ion Ratio   | Lower Upper |
| 54 100      |             |
| 52 15.2     | 15.2 22.8   |
| 55 14.3     | 11.7 17.5   |
| 40 10.3     | 6.1 9.1     |

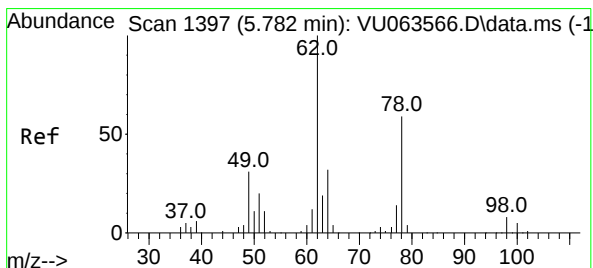
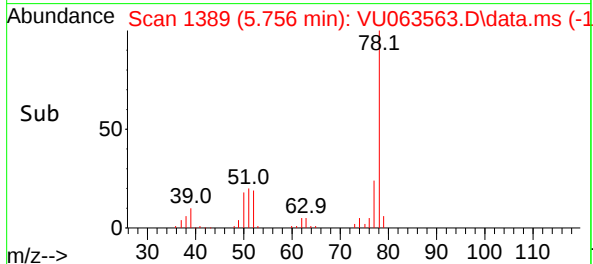
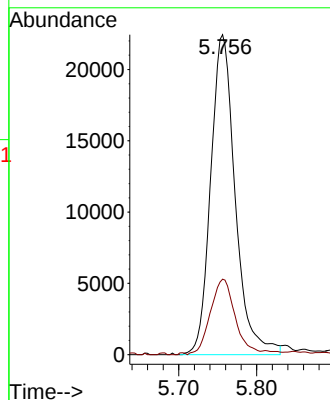
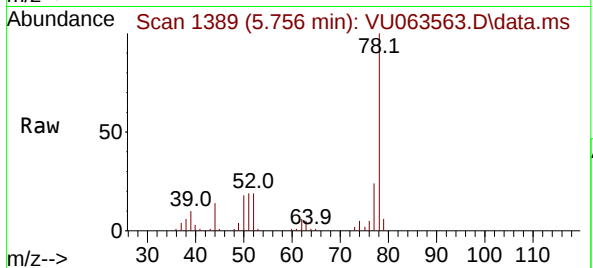




#35  
Benzene  
Concen: 1.151 ug/l  
RT: 5.756 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

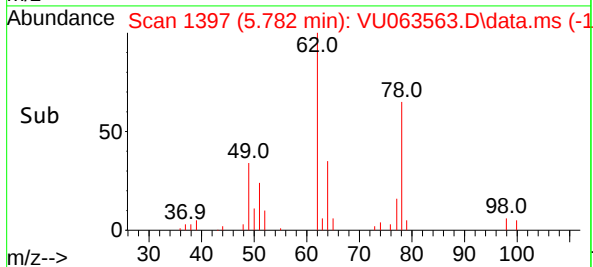
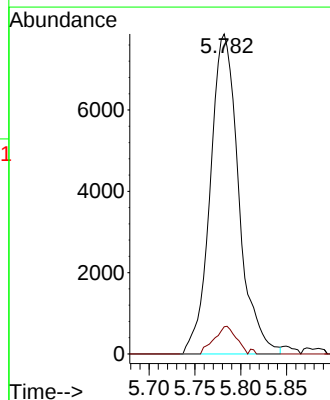
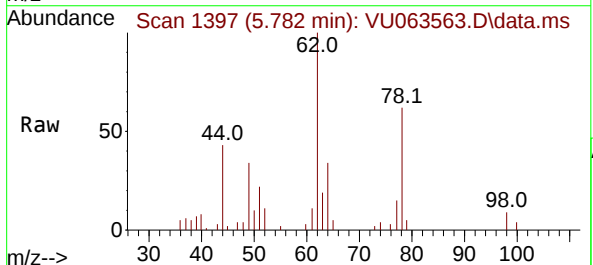
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

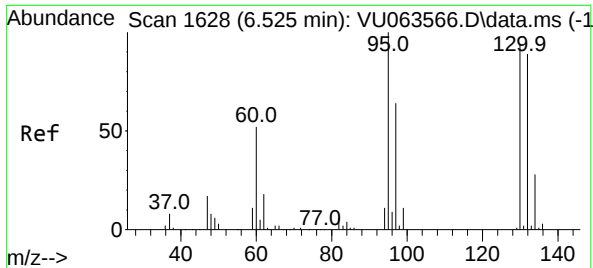
Tgt Ion: 78 Resp: 49174  
Ion Ratio Lower Upper  
78 100  
77 23.0 19.8 29.8



#36  
1,2-Dichloroethane  
Concen: 1.226 ug/l  
RT: 5.782 min Scan# 1397  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

Tgt Ion: 62 Resp: 16985  
Ion Ratio Lower Upper  
62 100  
98 6.7 6.3 9.5

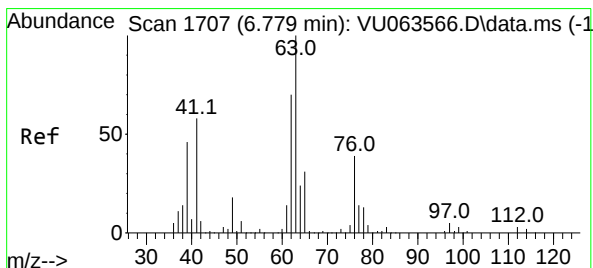
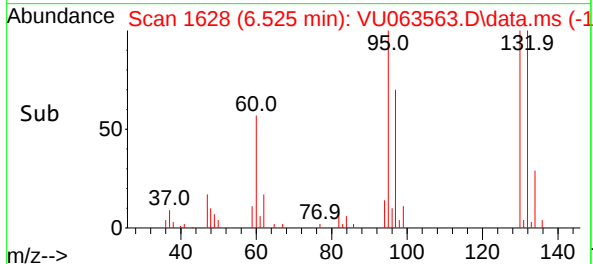
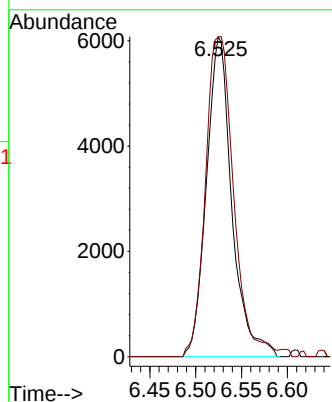
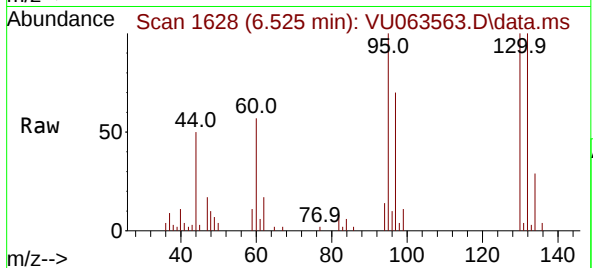




#37  
Trichloroethene  
Concen: 1.080 ug/l  
RT: 6.525 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

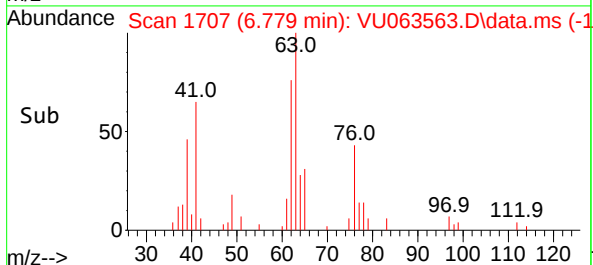
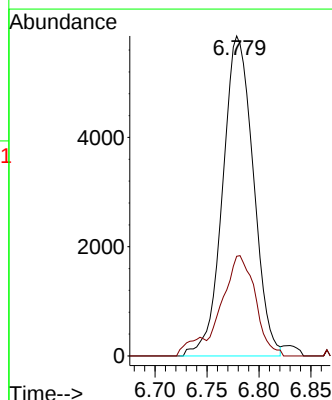
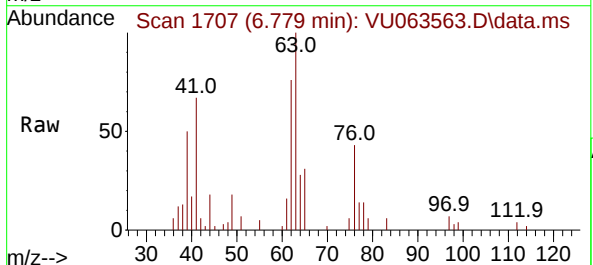
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

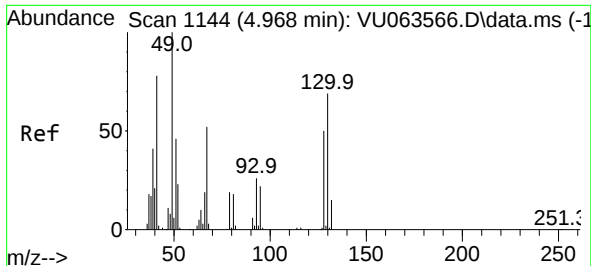
Tgt Ion:130 Resp: 11701  
Ion Ratio Lower Upper  
130 100  
95 100.0 85.4 128.2



#38  
1,2-Dichloropropane  
Concen: 1.204 ug/l  
RT: 6.779 min Scan# 1707  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

Tgt Ion: 63 Resp: 12015  
Ion Ratio Lower Upper  
63 100  
65 29.3 24.9 37.3





#39

Methacrylonitrile

Concen: 1.241 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 4727

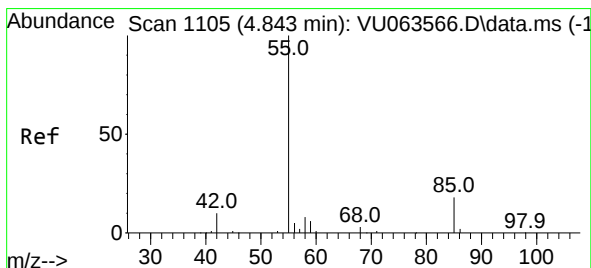
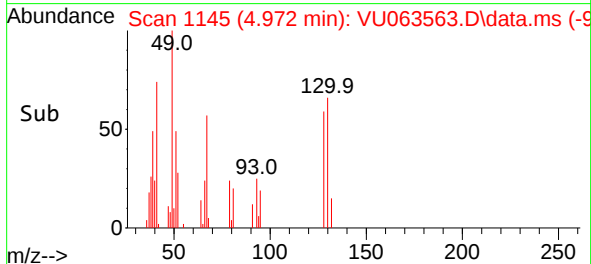
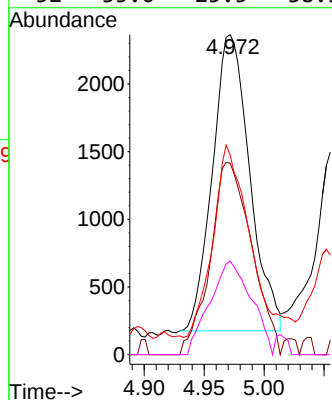
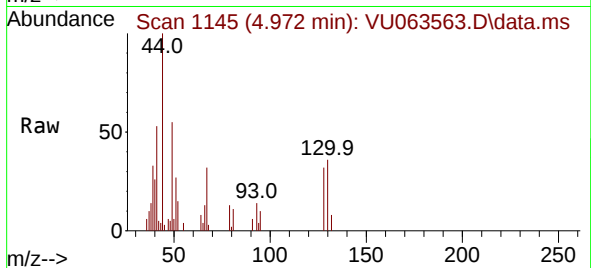
Ion Ratio Lower Upper

41 100

67 71.8 57.7 86.5

39 64.8 44.6 67.0

52 35.0 25.5 38.3



#40

Methyl acrylate

Concen: 1.245 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Tgt Ion: 55 Resp: 7256

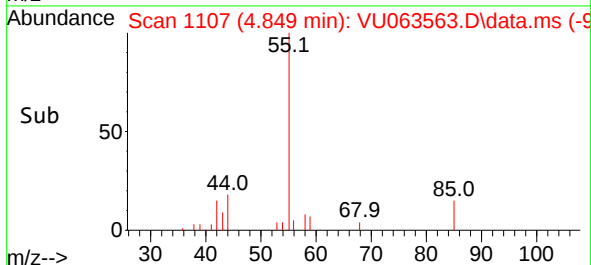
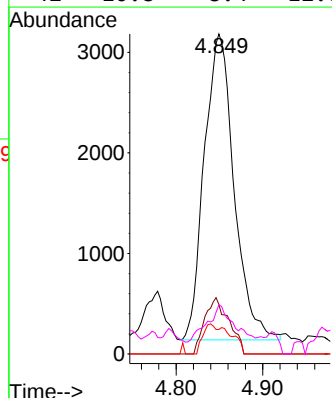
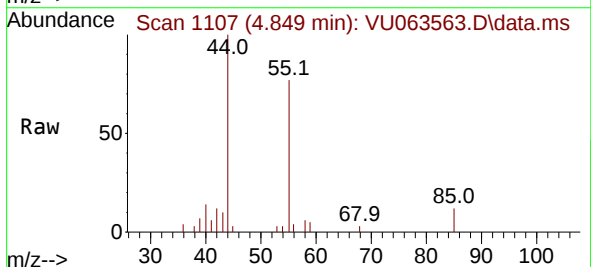
Ion Ratio Lower Upper

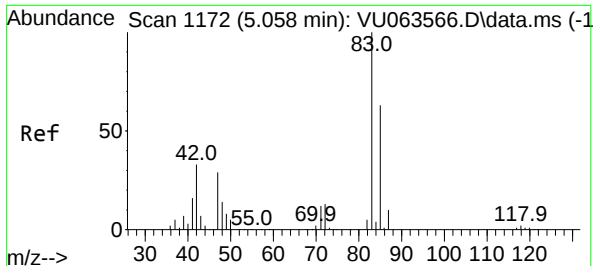
55 100

85 15.0 12.8 19.2

58 5.0 6.6 10.0#

42 10.8 8.4 12.6





#41

Tetrahydrofuran

Concen: 3.006 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC001

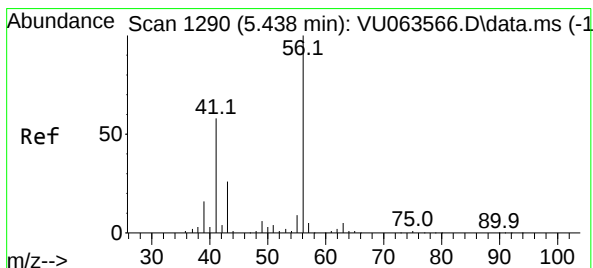
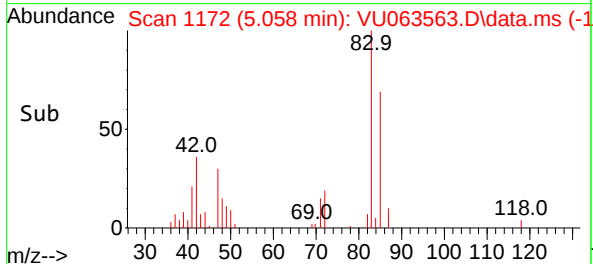
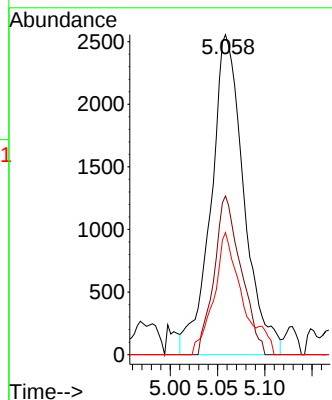
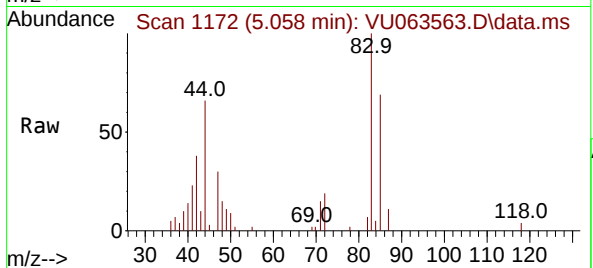
Tgt Ion: 42 Resp: 6159

Ion Ratio Lower Upper

42 100

72 40.5 34.1 51.1

71 33.1 29.9 44.9



#42

1-Chlorobutane

Concen: 1.244 ug/l

RT: 5.441 min Scan# 1291

Delta R.T. 0.003 min

Lab File: VU063563.D

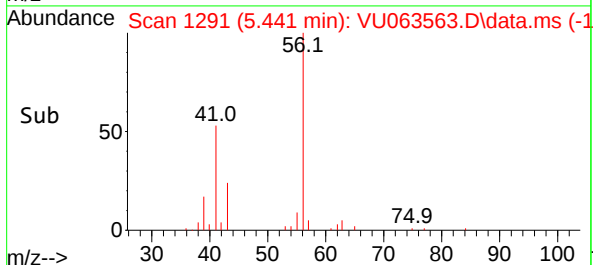
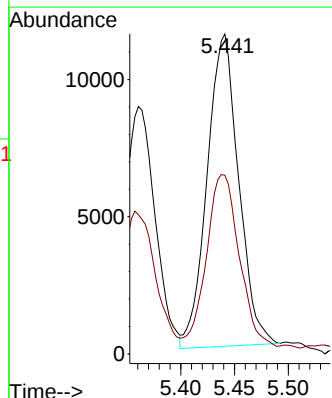
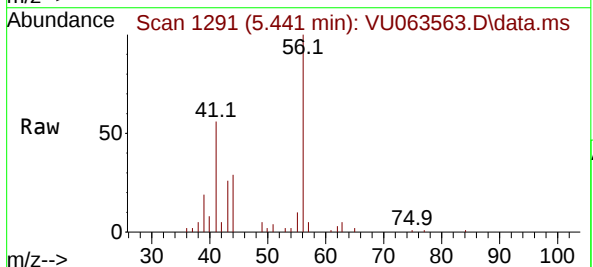
Acq: 12 Sep 2025 09:43

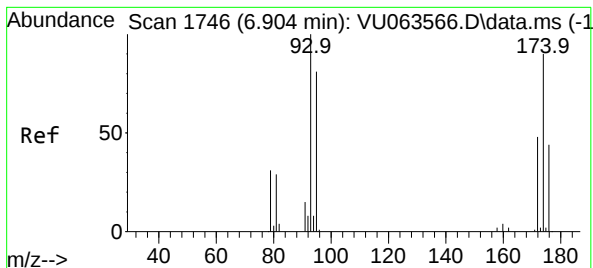
Tgt Ion: 56 Resp: 23231

Ion Ratio Lower Upper

56 100

41 57.3 28.3 84.9





#43

Dibromomethane

Concen: 1.248 ug/l

RT: 6.907 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC001

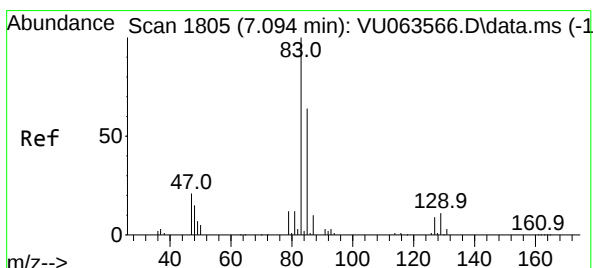
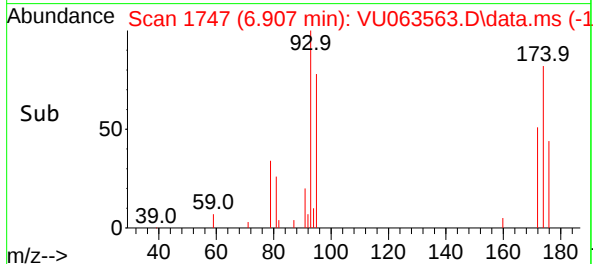
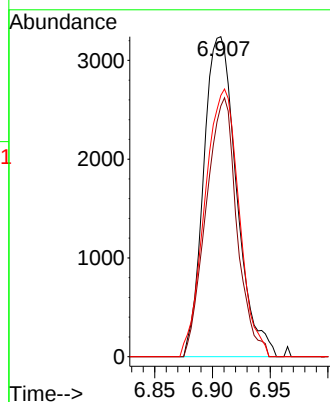
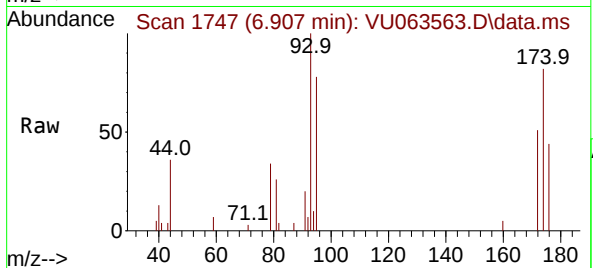
Tgt Ion: 93 Resp: 6429

Ion Ratio Lower Upper

93 100

95 75.8 66.6 100.0

174 86.6 72.7 109.1



#44

Bromodichloromethane

Concen: 1.116 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

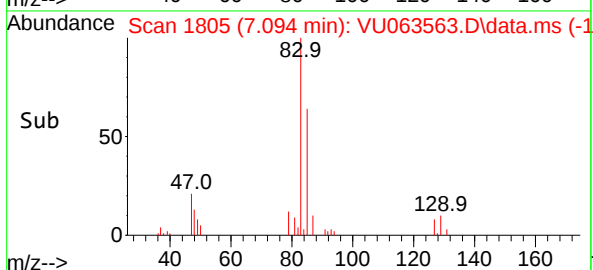
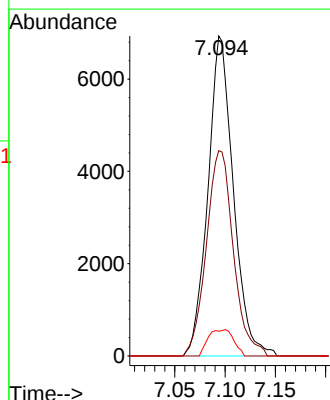
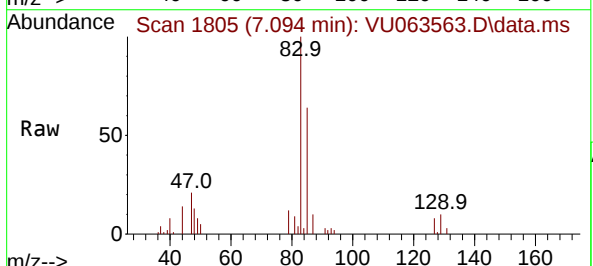
Tgt Ion: 83 Resp: 12192

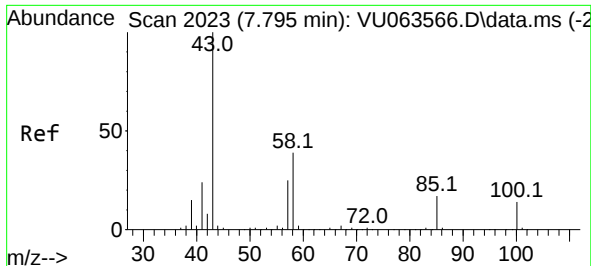
Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8

127 7.8 6.9 10.3





#45

4-Methyl-2-Pentanone

Concen: 7.127 ug/l

RT: 7.798 min Scan# 2023

Delta R.T. 0.003 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

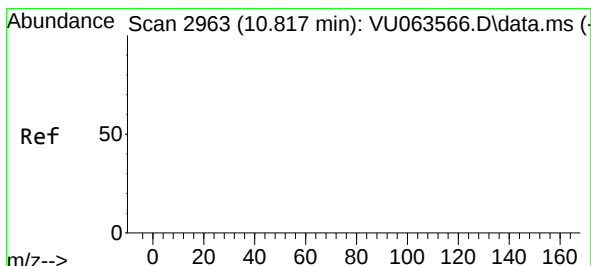
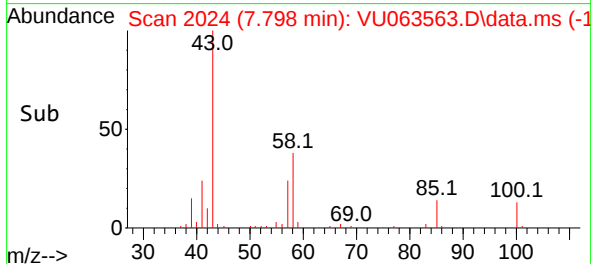
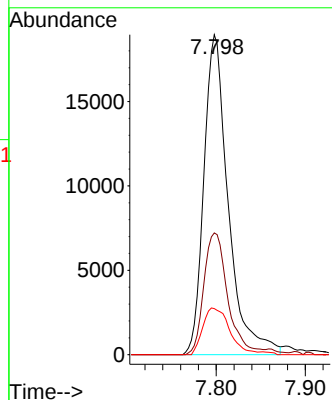
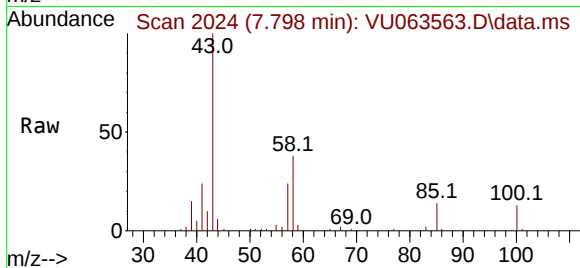
Tgt Ion: 43 Resp: 36086

Ion Ratio Lower Upper

43 100

58 37.5 18.9 56.9

85 16.1 13.3 19.9



#46

t-1,4-Dichloro-2-butene

Concen: 4.734 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Tgt Ion: 75 Resp: 10976

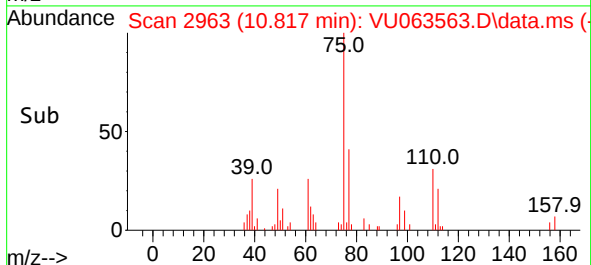
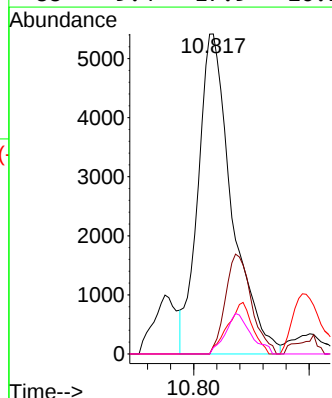
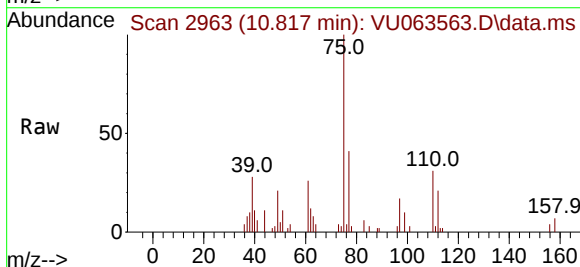
Ion Ratio Lower Upper

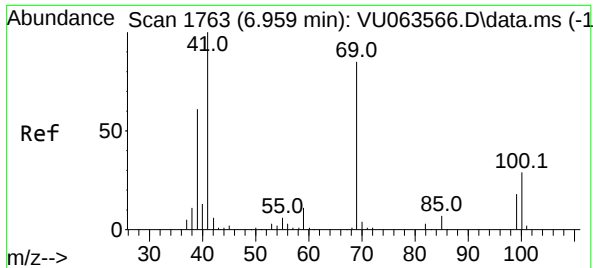
75 100

53 24.0 43.2 64.8#

89 11.7 21.9 32.9#

88 9.4 17.9 26.9#





#47

Methyl methacrylate

Concen: 2.430 ug/l

RT: 6.965 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tgt Ion: 69 Resp: 10719

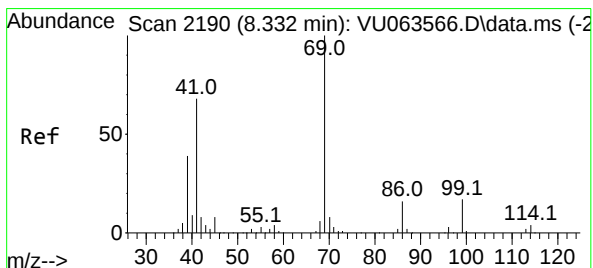
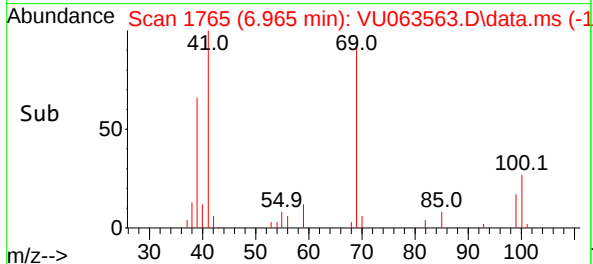
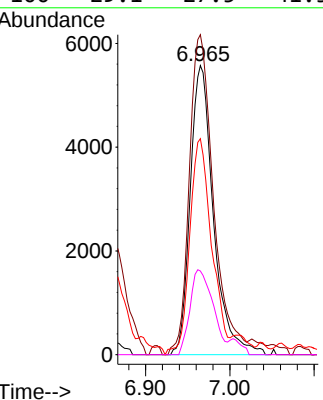
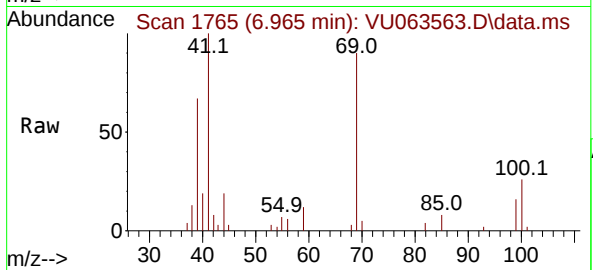
Ion Ratio Lower Upper

69 100

41 114.6 0.0 236.8

39 70.4 57.8 86.6

100 29.1 27.5 41.3



#48

Ethyl methacrylate

Concen: 1.282 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VU063563.D

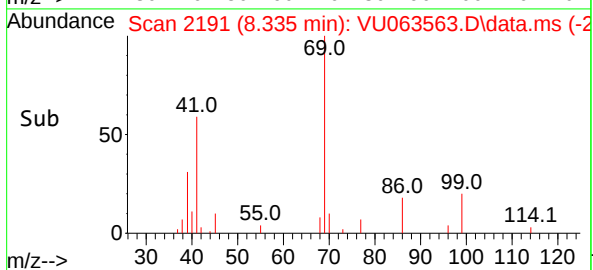
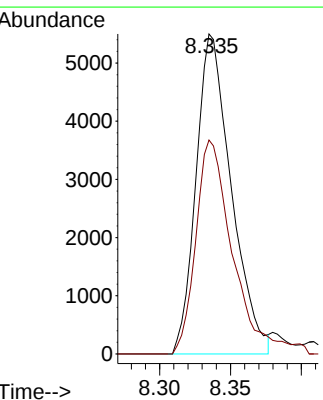
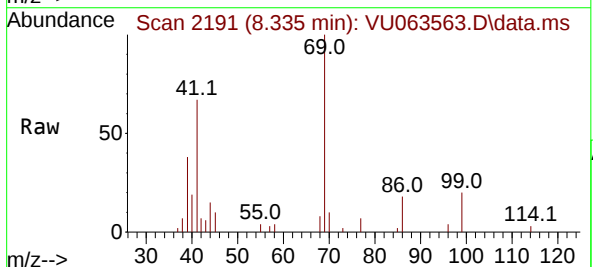
Acq: 12 Sep 2025 09:43

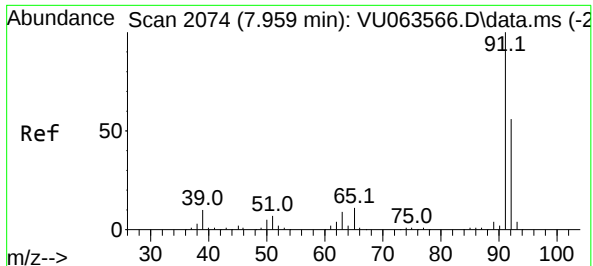
Tgt Ion: 69 Resp: 9510

Ion Ratio Lower Upper

69 100

41 70.0 33.7 101.1





#49

Toluene

Concen: 1.263 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Instrument :

MSVOA\_U

ClientSampleId :

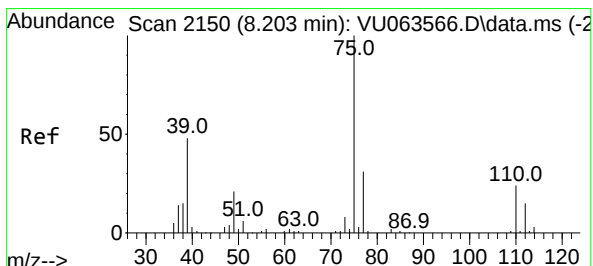
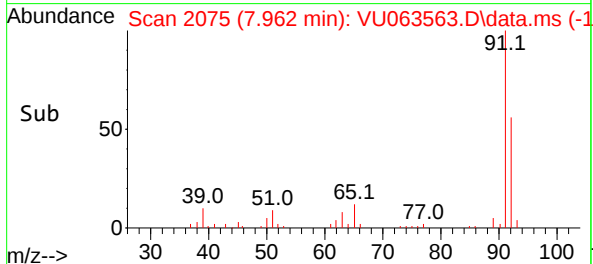
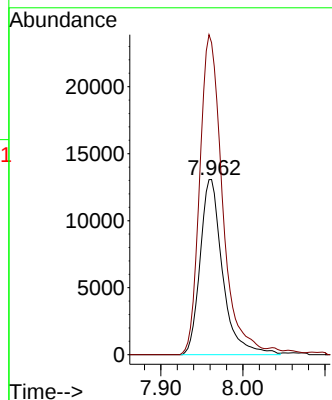
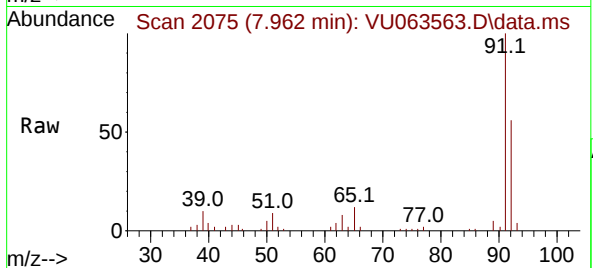
VSTDIC001

Tgt Ion: 92 Resp: 24911

Ion Ratio Lower Upper

92 100

91 183.8 139.4 209.2



#50

t-1,3-Dichloropropene

Concen: 1.174 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU063563.D

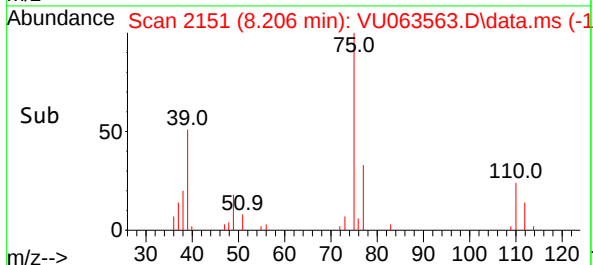
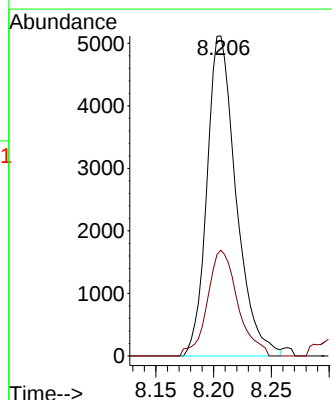
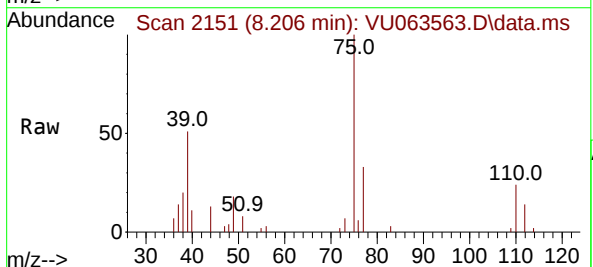
Acq: 12 Sep 2025 09:43

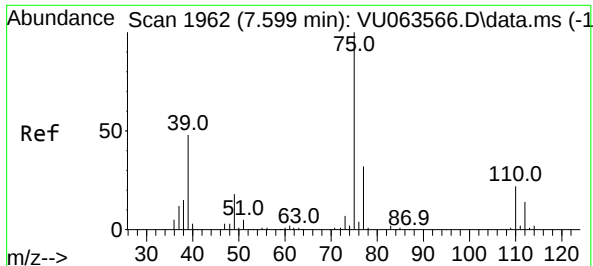
Tgt Ion: 75 Resp: 8994

Ion Ratio Lower Upper

75 100

77 33.1 24.8 37.2

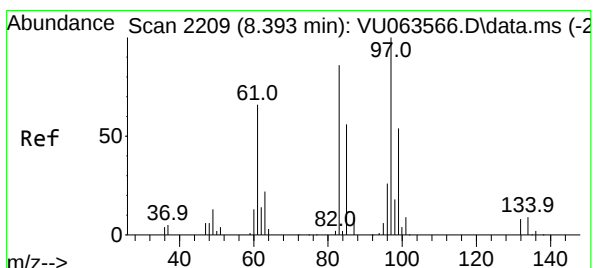
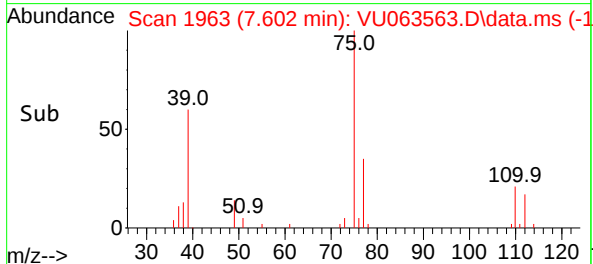
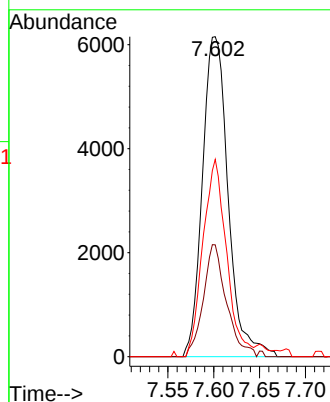
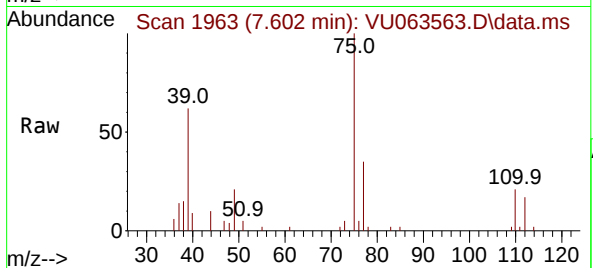




#51  
 cis-1,3-Dichloropropene  
 Concen: 1.206 ug/l  
 RT: 7.602 min Scan# 1963  
 Delta R.T. 0.003 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

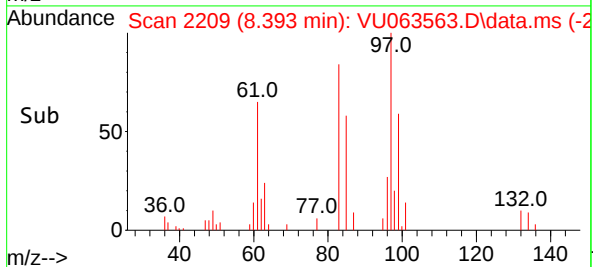
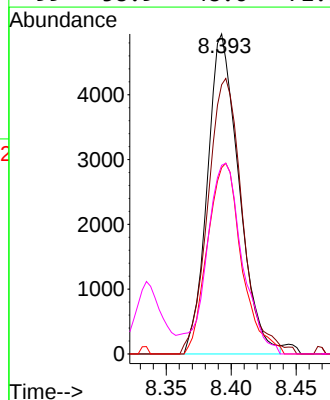
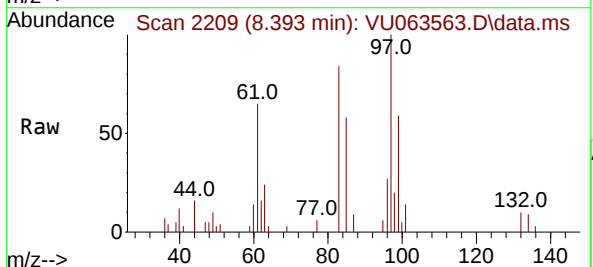
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

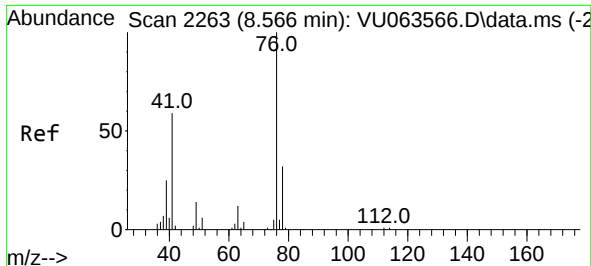
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 12005 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 34.9  | 25.2  | 37.8  |
| 39       | 61.6  | 38.8  | 58.2# |



#52  
 1,1,2-Trichloroethane  
 Concen: 1.232 ug/l  
 RT: 8.393 min Scan# 2209  
 Delta R.T. -0.000 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 8348  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.1  | 68.5  | 102.7 |
| 85       | 58.2  | 45.0  | 67.6  |
| 99       | 58.9  | 48.6  | 72.8  |





#53

1,3-Dichloropropane

Concen: 1.339 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Instrument :

MSVOA\_U

ClientSampleId :

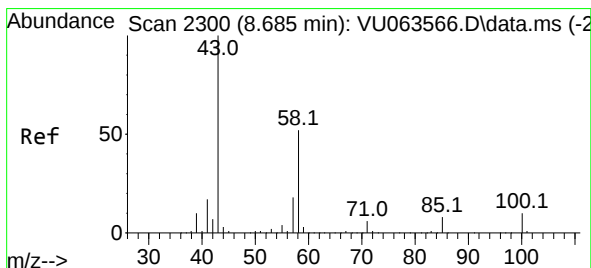
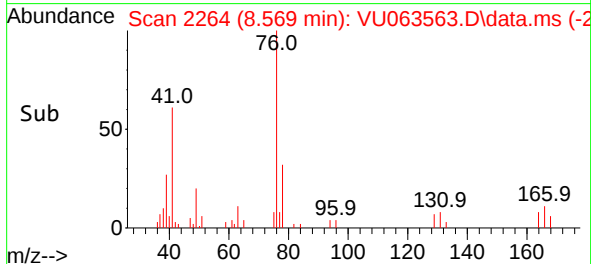
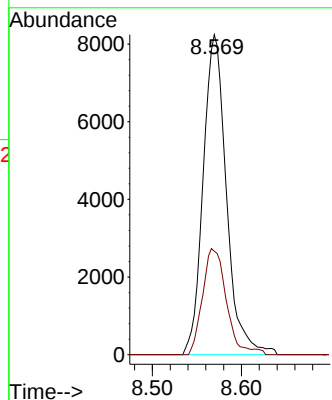
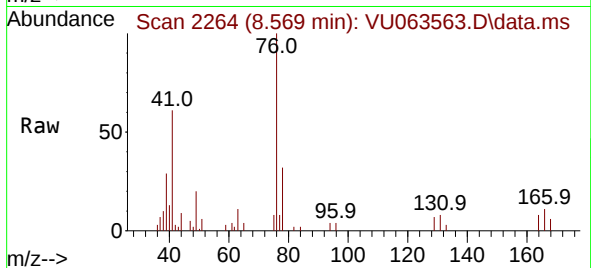
VSTDIC001

Tgt Ion: 76 Resp: 14962

Ion Ratio Lower Upper

76 100

78 34.0 26.2 39.2



#54

2-Hexanone

Concen: 6.240 ug/l

RT: 8.688 min Scan# 2301

Delta R.T. 0.003 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

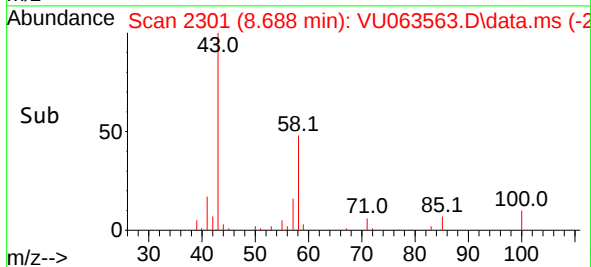
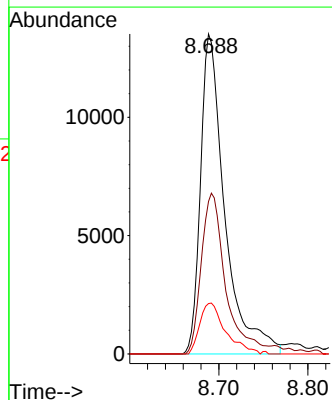
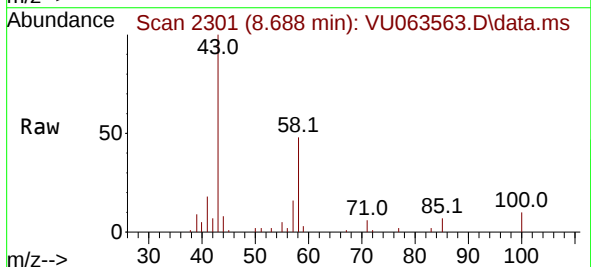
Tgt Ion: 43 Resp: 25510

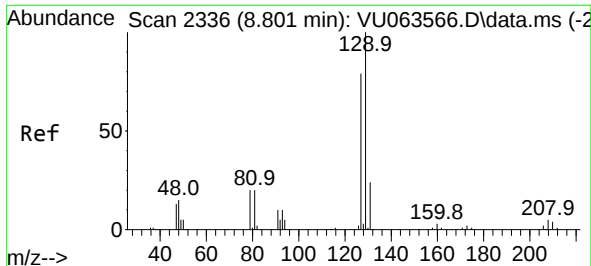
Ion Ratio Lower Upper

43 100

58 50.4 32.7 72.7

57 16.9 0.0 38.2

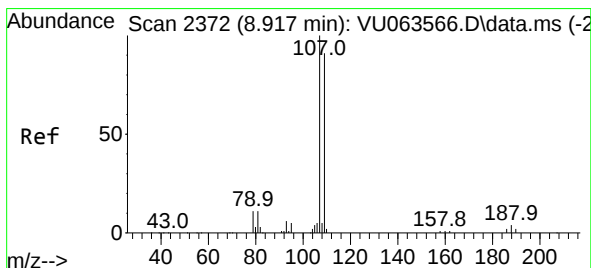
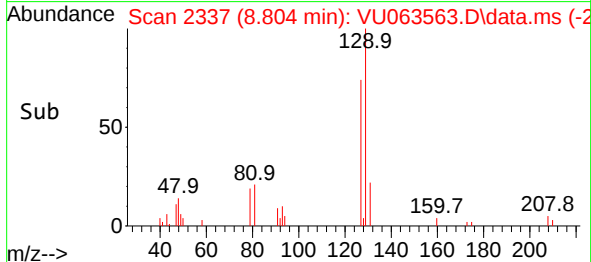
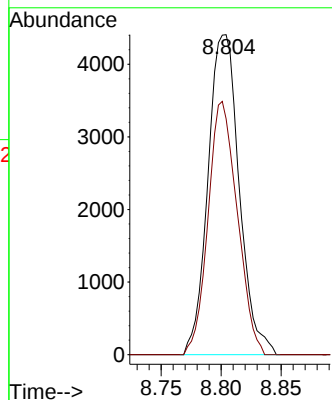
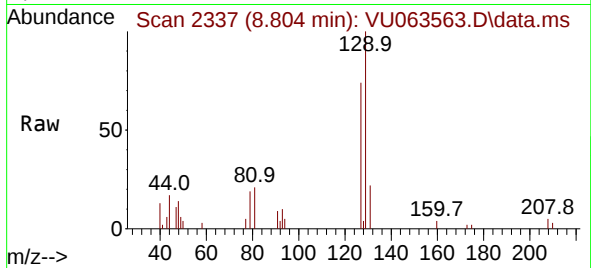




#55  
 Dibromochloromethane  
 Concen: 1.228 ug/l  
 RT: 8.804 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

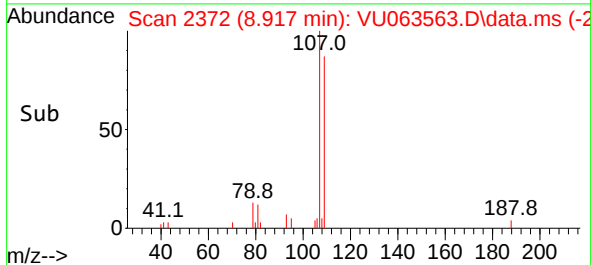
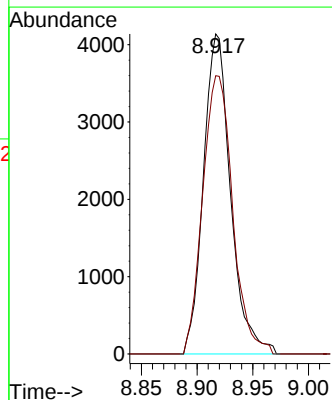
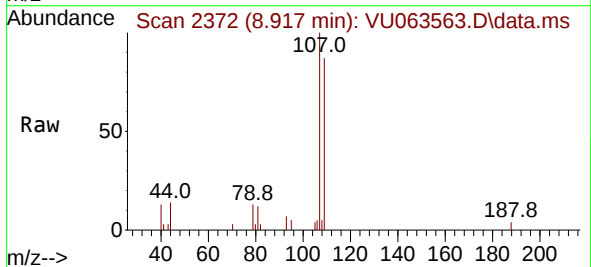
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

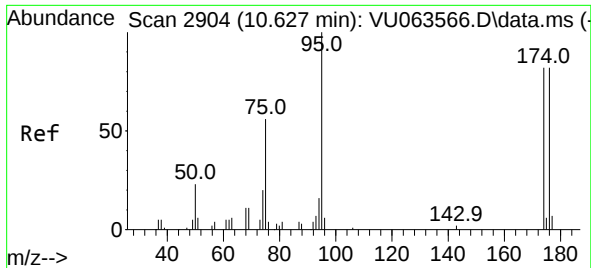
Tgt Ion:129 Resp: 7983  
 Ion Ratio Lower Upper  
 129 100  
 127 73.9 61.9 92.9



#56  
 1,2-Dibromoethane  
 Concen: 1.223 ug/l  
 RT: 8.917 min Scan# 2372  
 Delta R.T. -0.000 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

Tgt Ion:107 Resp: 7020  
 Ion Ratio Lower Upper  
 107 100  
 109 95.9 0.0 183.6

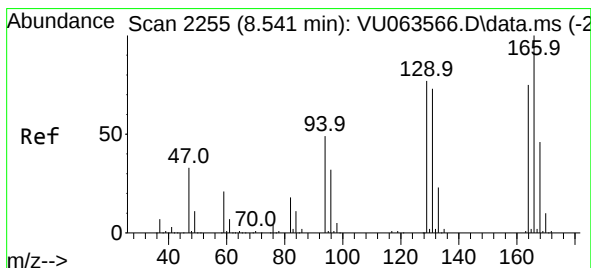
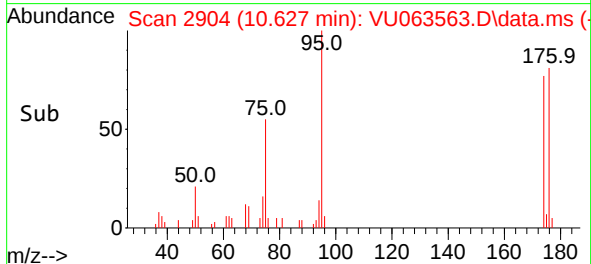
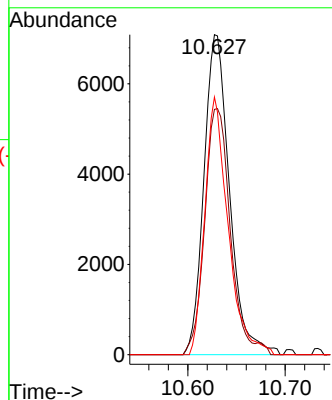
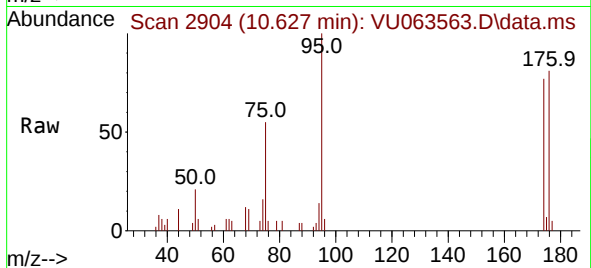




#57  
 4-Bromofluorobenzene  
 Concen: 1.132 ug/l  
 RT: 10.627 min Scan# 2904  
 Delta R.T. -0.000 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

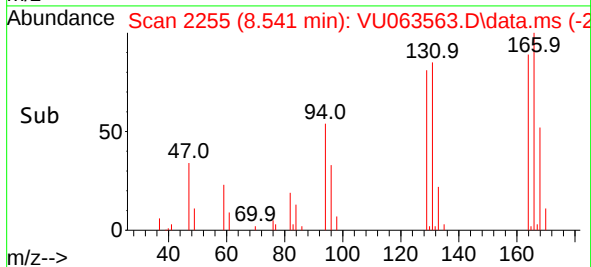
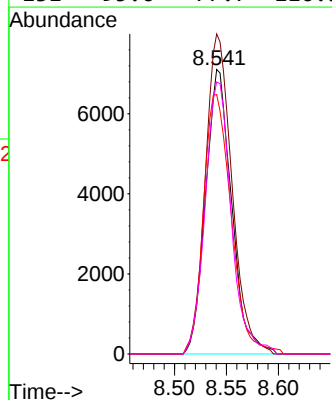
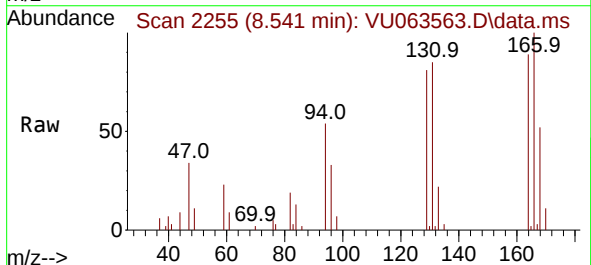
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

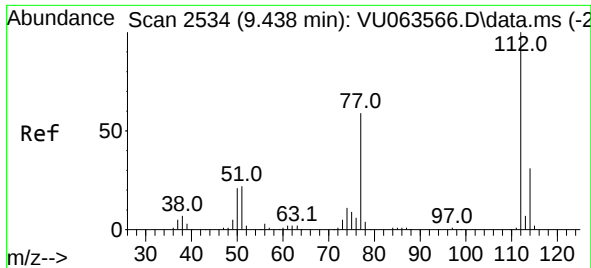
Tgt Ion: 95 Resp: 12942  
 Ion Ratio Lower Upper  
 95 100  
 174 77.2 64.7 97.1  
 176 73.3 66.2 99.4



#58  
 Tetrachloroethene  
 Concen: 1.431 ug/l  
 RT: 8.541 min Scan# 2255  
 Delta R.T. -0.000 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

Tgt Ion: 164 Resp: 12380  
 Ion Ratio Lower Upper  
 164 100  
 166 112.5 106.4 159.6  
 129 91.2 81.4 122.2  
 131 95.6 77.7 116.5

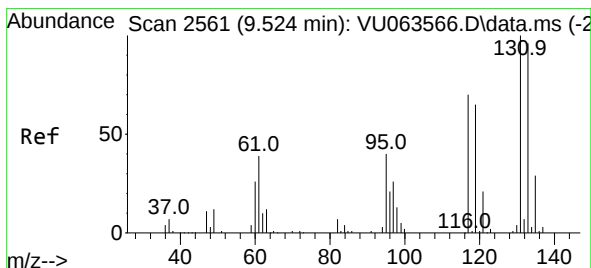
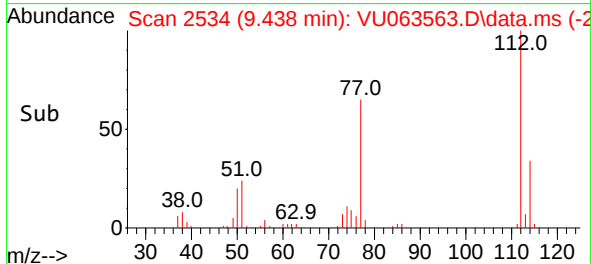
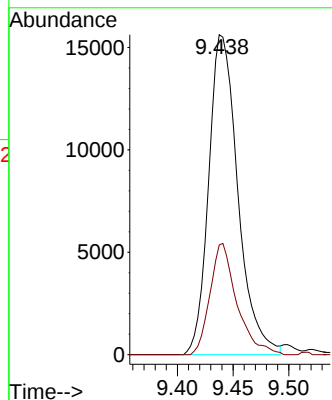
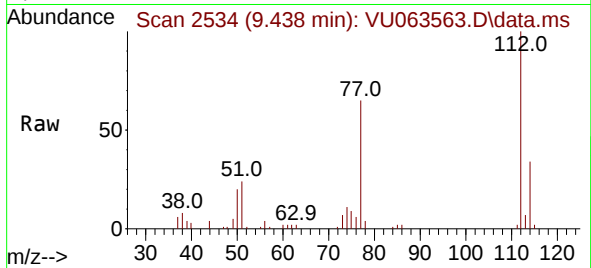




#59  
Chlorobenzene  
Concen: 1.223 ug/l  
RT: 9.438 min Scan# 2534  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

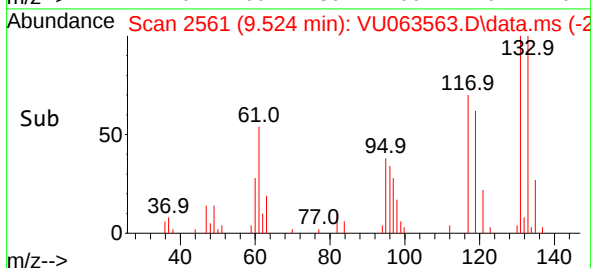
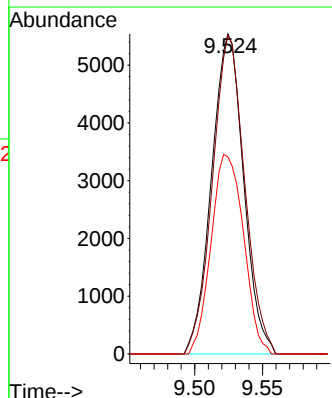
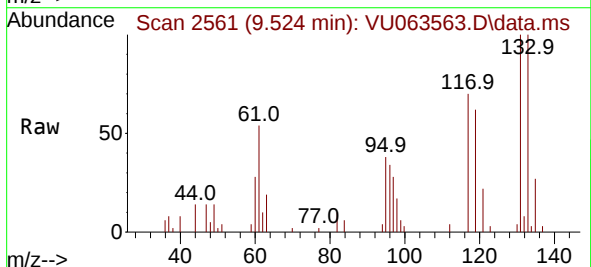
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC001

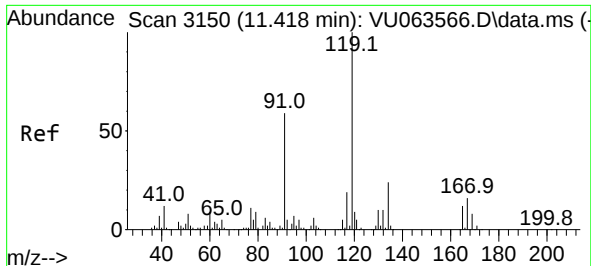
Tgt Ion:112 Resp: 28511  
Ion Ratio Lower Upper  
112 100  
114 34.3 25.0 37.4



#60  
1,1,1,2-Tetrachloroethane  
Concen: 1.191 ug/l  
RT: 9.524 min Scan# 2561  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

Tgt Ion:131 Resp: 9106  
Ion Ratio Lower Upper  
131 100  
133 99.7 75.8 113.8  
119 63.1 51.8 77.6

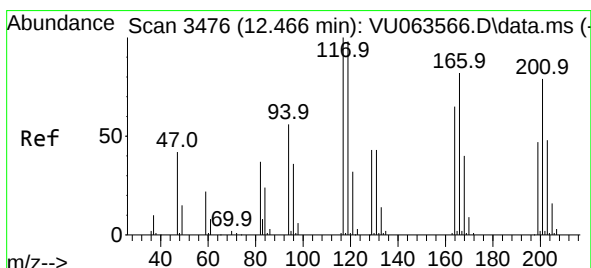
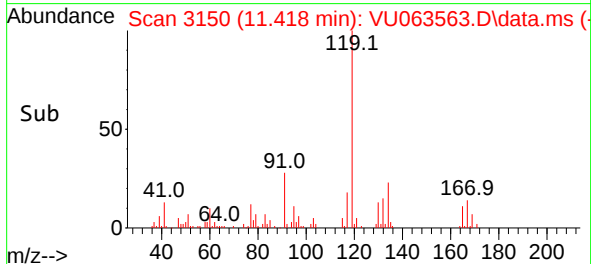
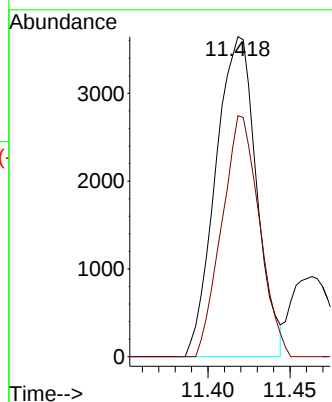
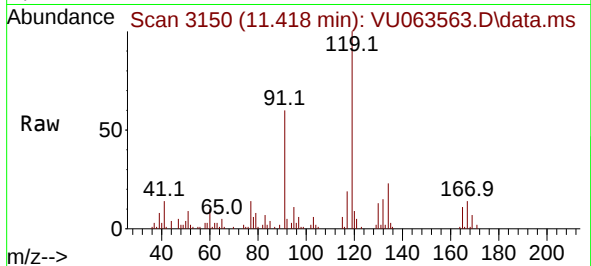




#61  
 Pentachloroethane  
 Concen: 1.088 ug/l  
 RT: 11.418 min Scan# 3150  
 Delta R.T. -0.000 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

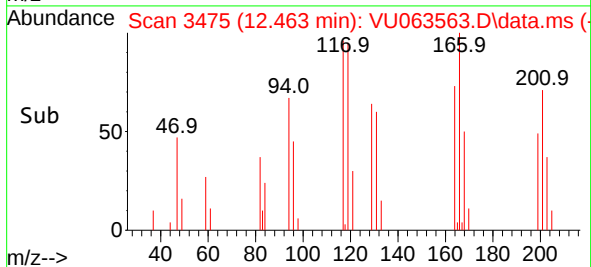
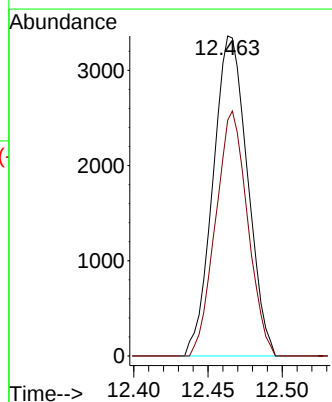
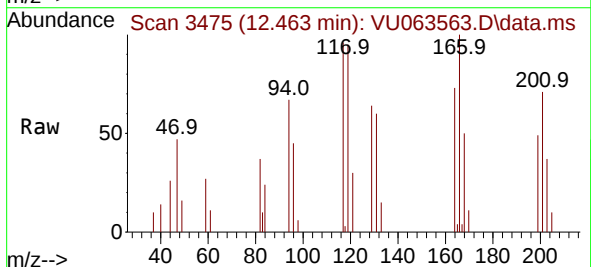
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

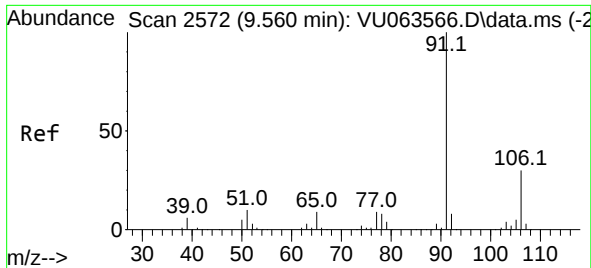
Tgt Ion:117 Resp: 6303  
 Ion Ratio Lower Upper  
 117 100  
 167 69.2 62.6 93.8



#62  
 Hexachloroethane  
 Concen: 1.073 ug/l  
 RT: 12.463 min Scan# 3475  
 Delta R.T. -0.003 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

Tgt Ion:117 Resp: 5433  
 Ion Ratio Lower Upper  
 117 100  
 201 71.1 61.0 91.6

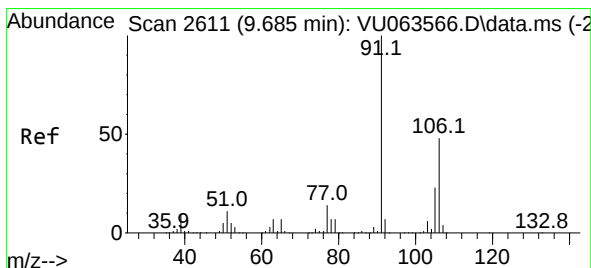
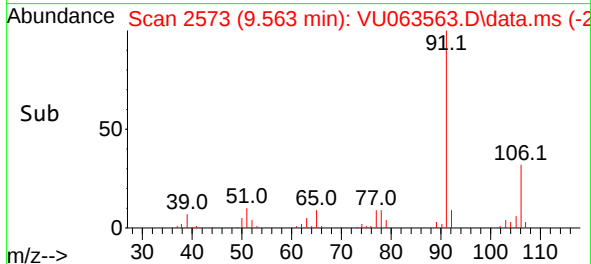
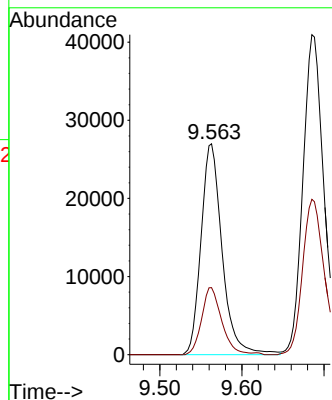
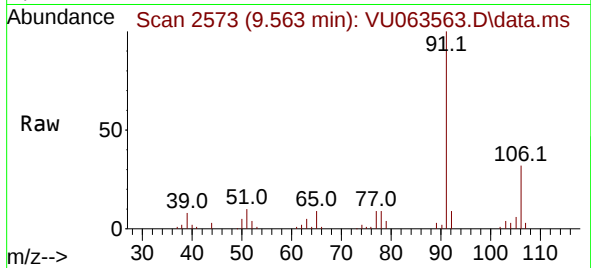




#63  
Ethyl Benzene  
Concen: 1.212 ug/l  
RT: 9.563 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

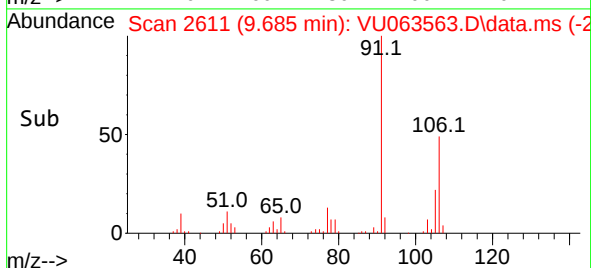
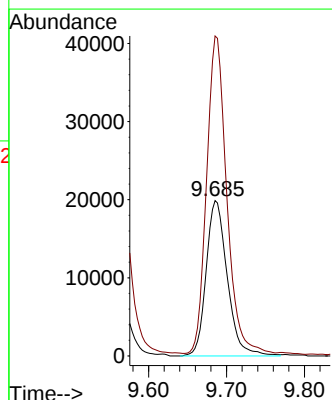
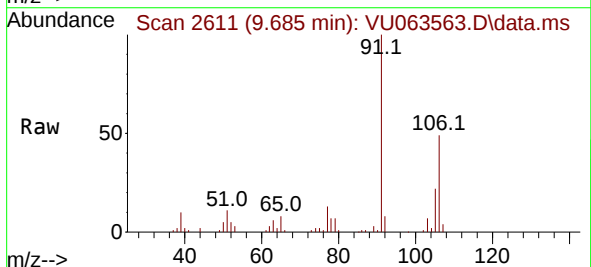
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

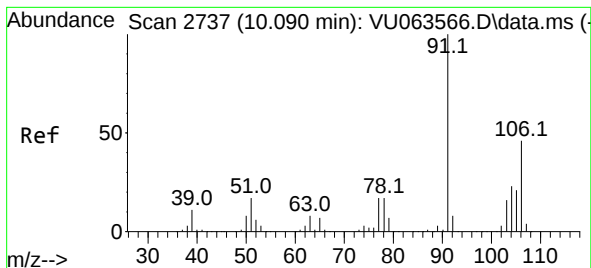
Tgt Ion: 91 Resp: 48238  
Ion Ratio Lower Upper  
91 100  
106 31.8 23.8 35.8



#64  
m/p-Xylenes  
Concen: 2.446 ug/l  
RT: 9.685 min Scan# 2611  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

Tgt Ion: 106 Resp: 37457  
Ion Ratio Lower Upper  
106 100  
91 195.0 167.0 250.4





#65

o-Xylene

Concen: 1.192 ug/l

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Instrument :

MSVOA\_U

ClientSampleId :

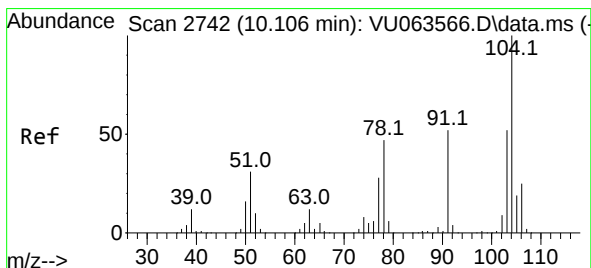
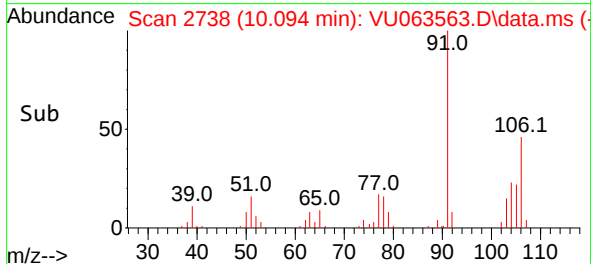
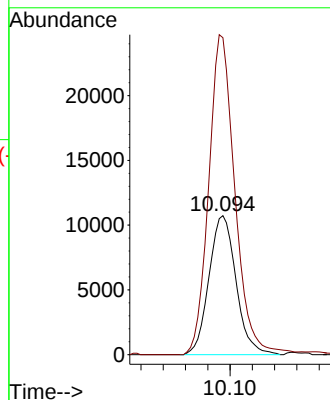
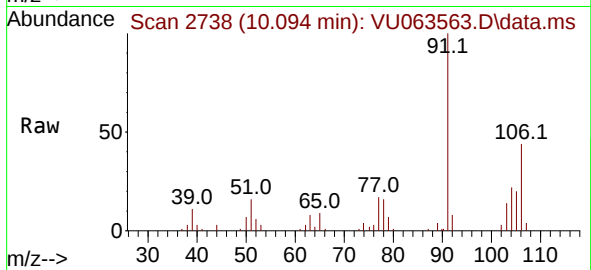
VSTDIC001

Tgt Ion:106 Resp: 18108

Ion Ratio Lower Upper

106 100

91 223.0 108.7 326.1



#66

Styrene

Concen: 1.183 ug/l

RT: 10.110 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

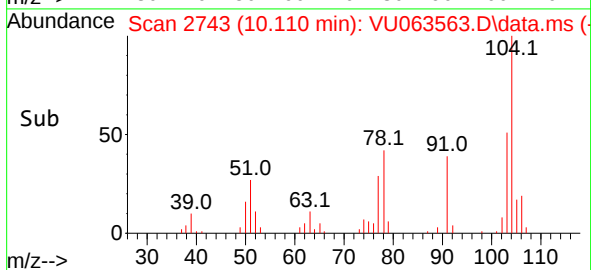
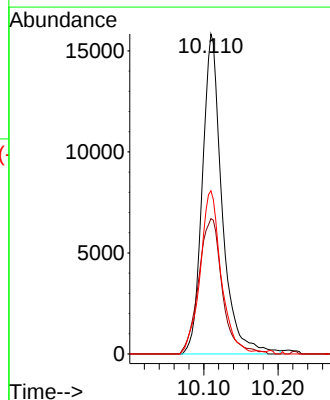
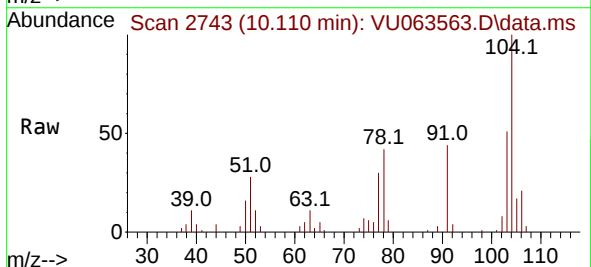
Tgt Ion:104 Resp: 29321

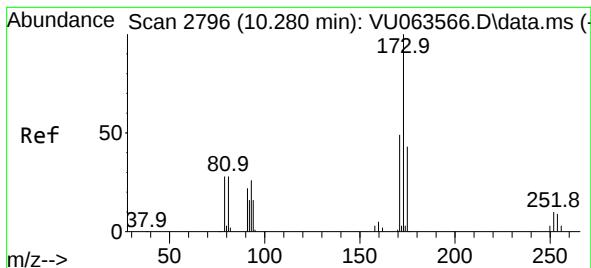
Ion Ratio Lower Upper

104 100

78 50.6 41.2 61.8

103 53.8 44.2 66.2





#67

Bromoform

Concen: 1.170 ug/l

RT: 10.283 min Scan# 2796

Delta R.T. 0.003 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

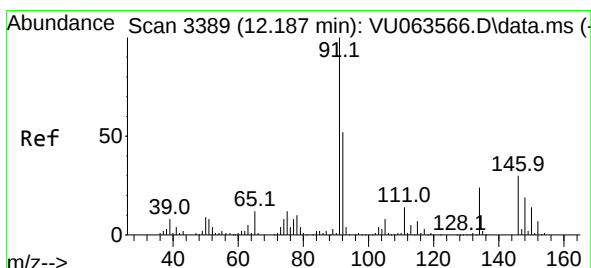
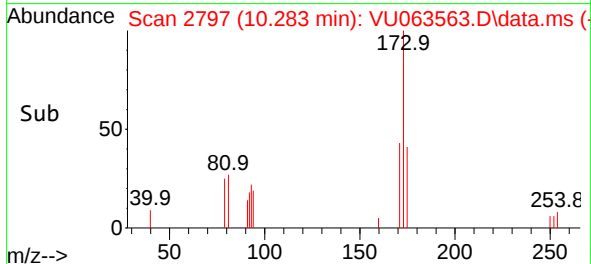
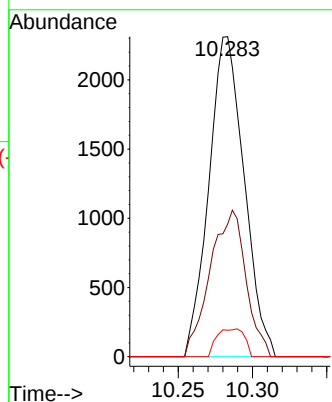
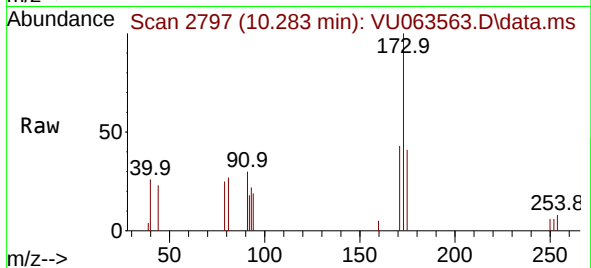
Tgt Ion:173 Resp: 3819

Ion Ratio Lower Upper

173 100

175 46.5 37.0 55.6

254 6.8 7.1 10.7#



#68

1,2-Dichlorobenzene-d4

Concen: 1.092 ug/l

RT: 12.187 min Scan# 3389

Delta R.T. -0.000 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

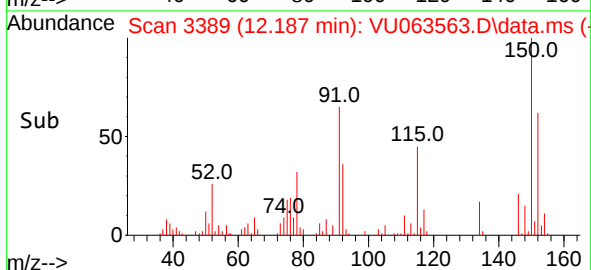
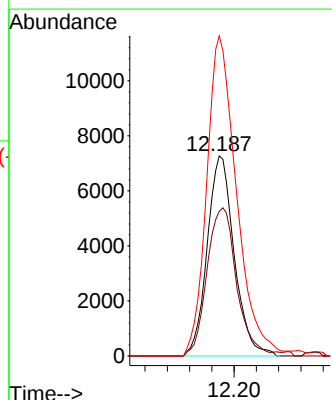
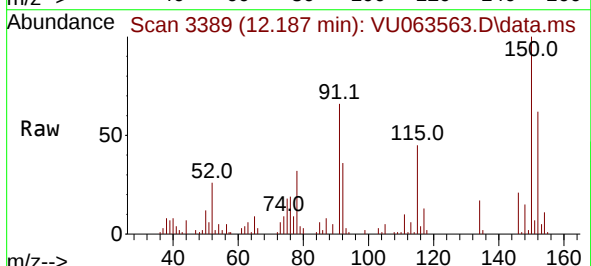
Tgt Ion:152 Resp: 12213

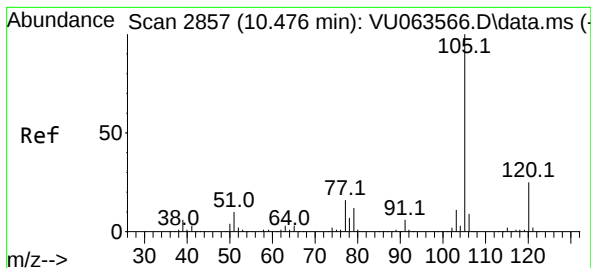
Ion Ratio Lower Upper

152 100

115 80.9 0.0 260.6

150 177.4 0.0 661.8





#69

Isopropylbenzene

Concen: 1.210 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Instrument :

MSVOA\_U

ClientSampleId :

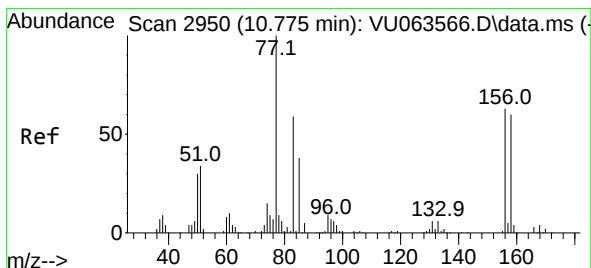
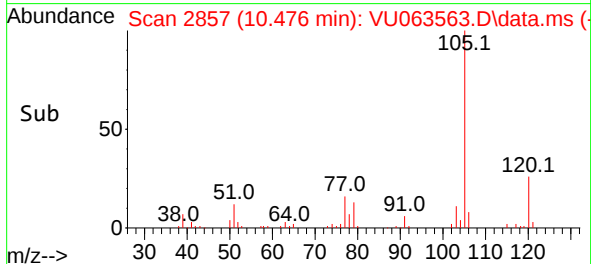
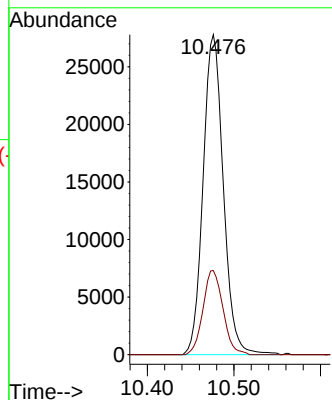
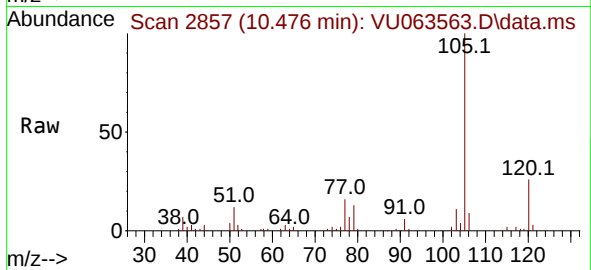
VSTDICC001

Tgt Ion:105 Resp: 45091

Ion Ratio Lower Upper

105 100

120 26.0 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 1.225 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

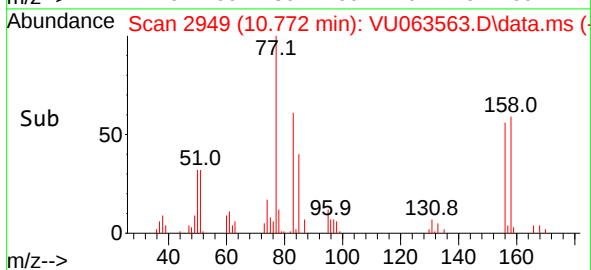
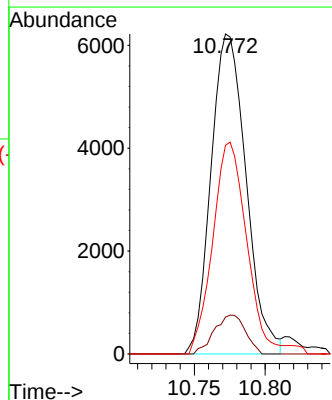
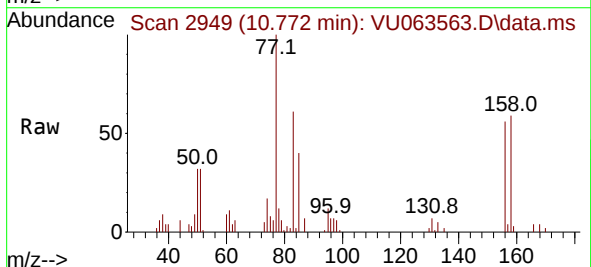
Tgt Ion: 83 Resp: 10691

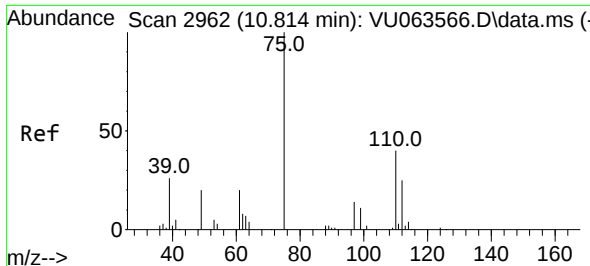
Ion Ratio Lower Upper

83 100

131 10.8 7.7 11.5

85 64.9 52.2 78.4

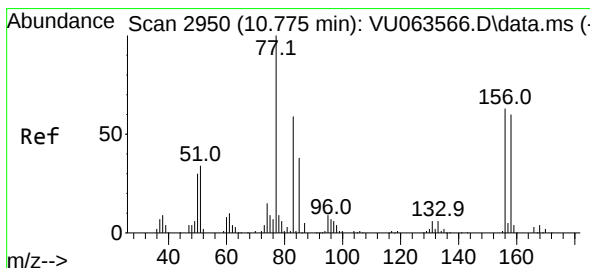
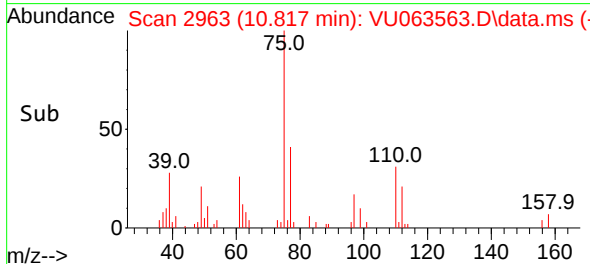
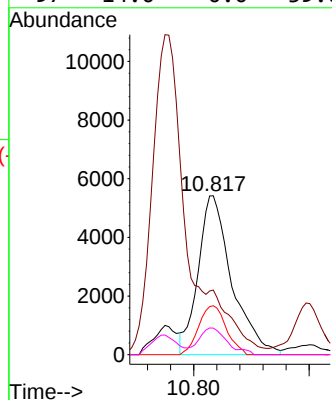
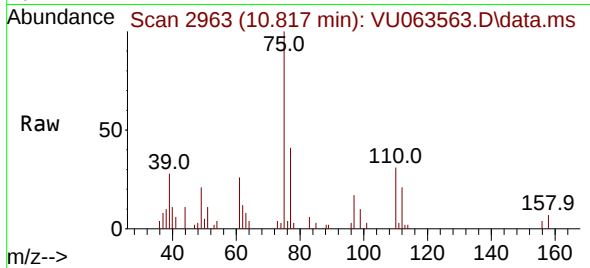




#71  
1,2,3-Trichloropropane  
Concen: 1.813 ug/l  
RT: 10.817 min Scan# 2963  
Delta R.T. 0.003 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

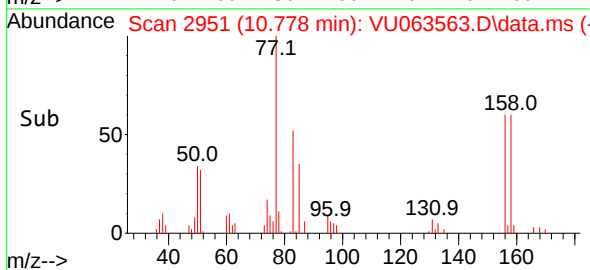
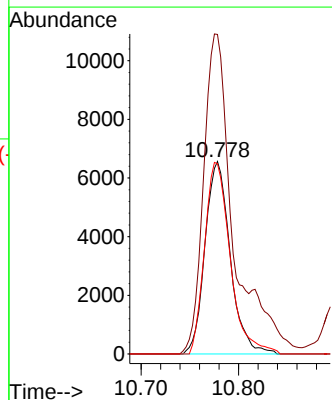
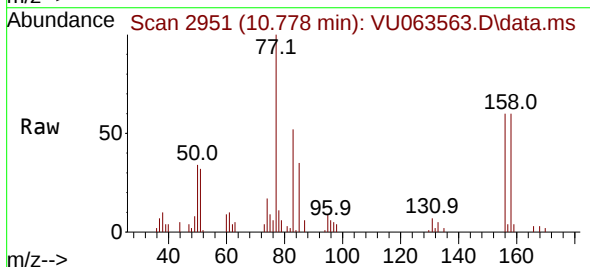
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

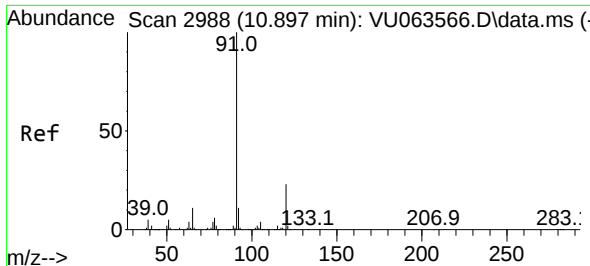
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 10976 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 0.0   | 0.0   |
| 110      | 25.2  | 0.0   | 77.6  |
| 97       | 14.0  | 0.0   | 39.6  |



#72  
Bromobenzene  
Concen: 1.245 ug/l  
RT: 10.778 min Scan# 2951  
Delta R.T. 0.003 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 156   | Resp: | 11780 |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 171.6 | 0.0   | 323.0 |
| 158      | 101.4 | 0.0   | 195.4 |

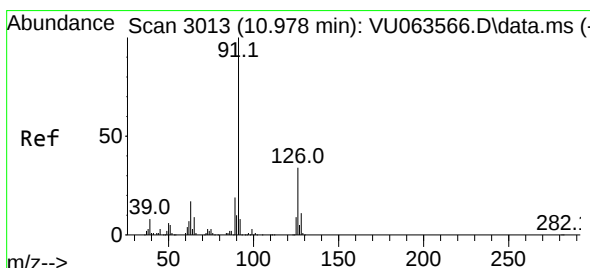
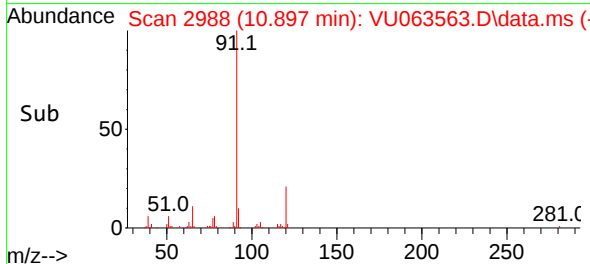
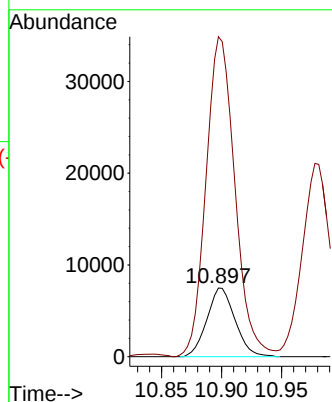
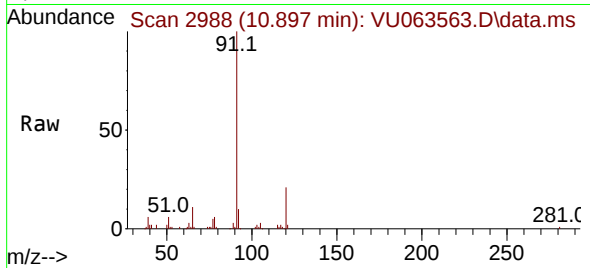




#73  
n-propylbenzene  
Concen: 1.116 ug/l  
RT: 10.897 min Scan# 2988  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

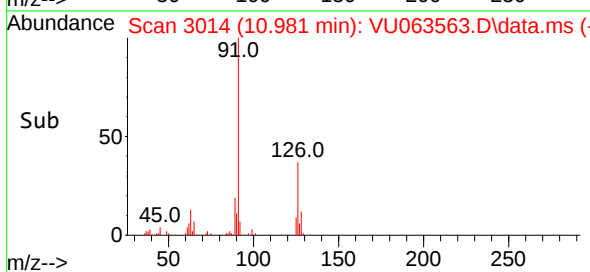
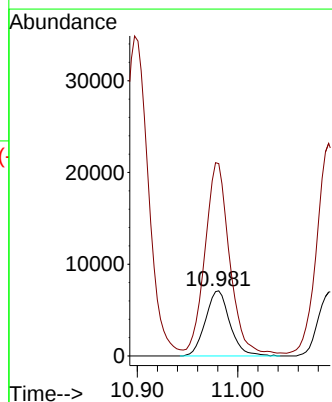
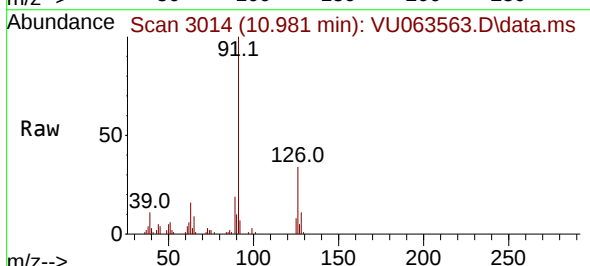
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

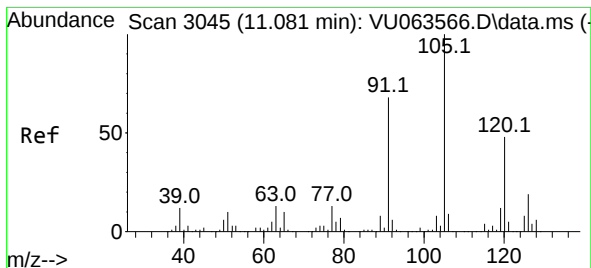
Tgt Ion:120 Resp: 12218  
Ion Ratio Lower Upper  
120 100  
91 478.9 349.1 523.7



#74  
2-Chlorotoluene  
Concen: 1.221 ug/l  
RT: 10.981 min Scan# 3014  
Delta R.T. 0.003 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

Tgt Ion:126 Resp: 11978  
Ion Ratio Lower Upper  
126 100  
91 292.5 0.0 609.4

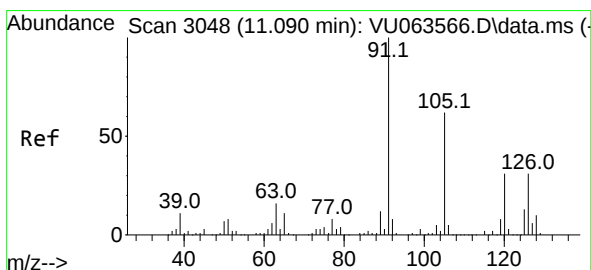
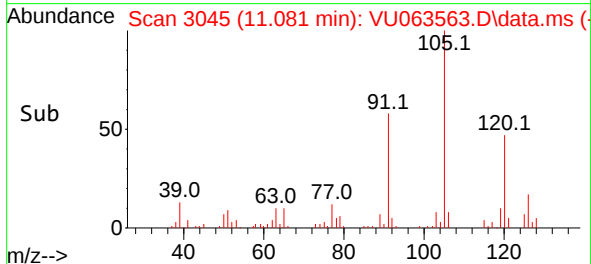
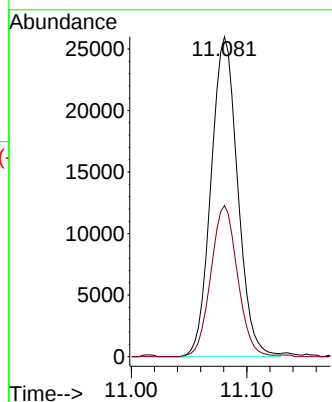
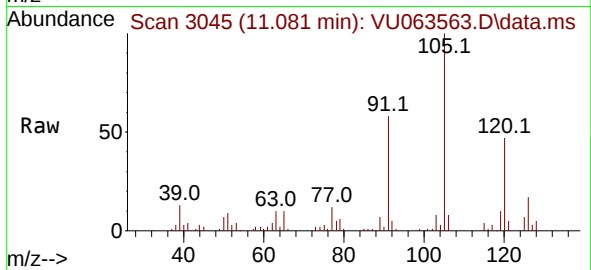




#75  
1,3,5-Trimethylbenzene  
Concen: 1.172 ug/l  
RT: 11.081 min Scan# 3045  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

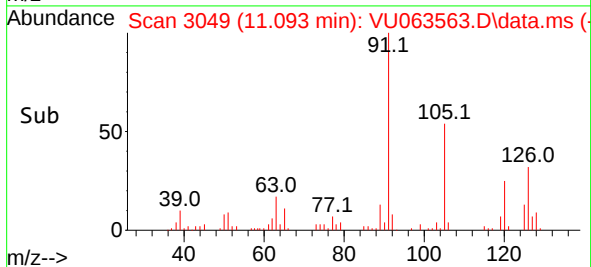
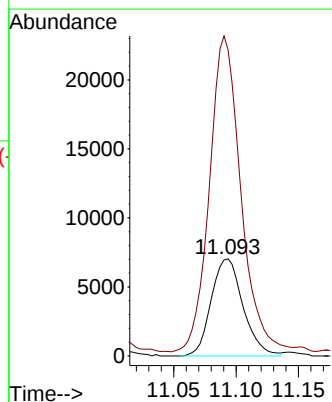
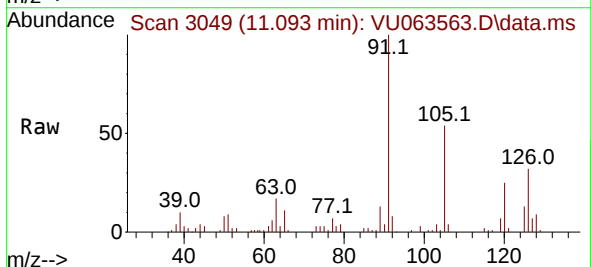
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

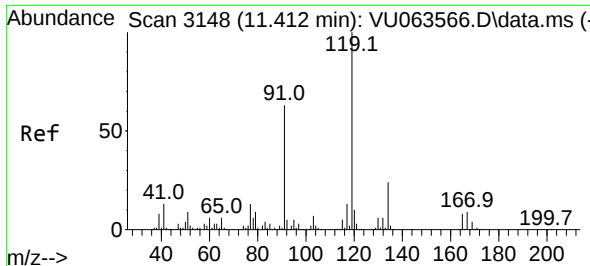
Tgt Ion:105 Resp: 41655  
Ion Ratio Lower Upper  
105 100  
120 47.3 38.0 57.0



#76  
4-Chlorotoluene  
Concen: 1.206 ug/l  
RT: 11.093 min Scan# 3049  
Delta R.T. 0.003 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

Tgt Ion:126 Resp: 12508  
Ion Ratio Lower Upper  
126 100  
91 320.4 0.0 679.4

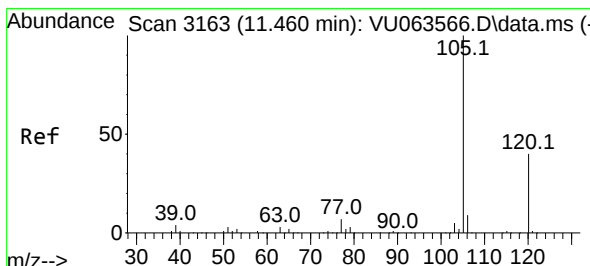
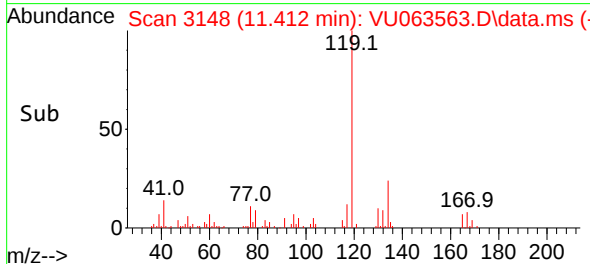
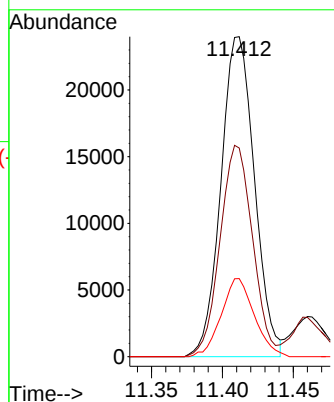
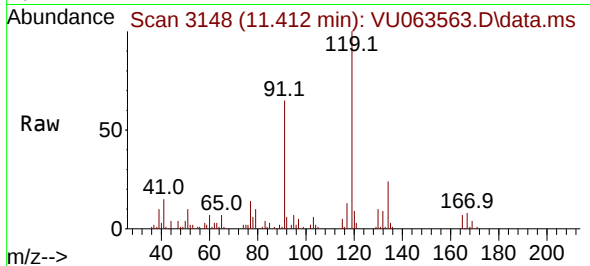




#77  
tert-Butylbenzene  
Concen: 1.147 ug/l  
RT: 11.412 min Scan# 3148  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

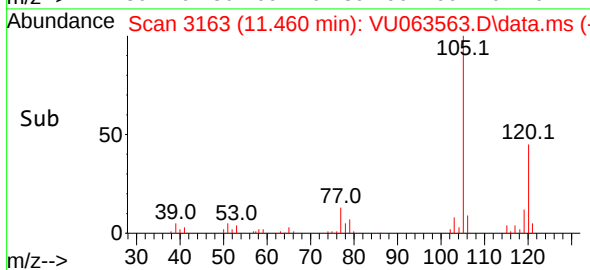
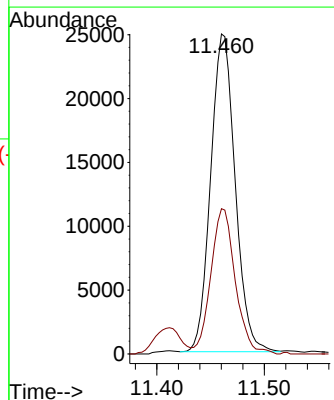
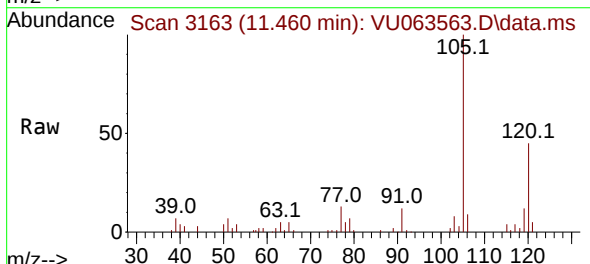
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

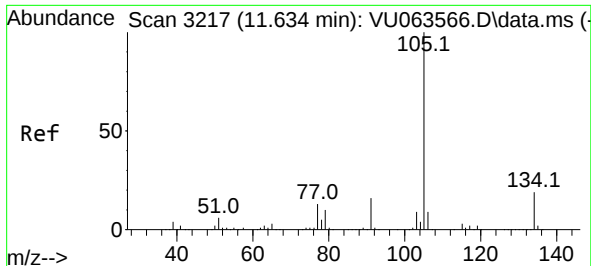
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 39611 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 63.9  | 31.0  | 93.0  |
| 134       | 24.0  | 19.0  | 28.6  |



#78  
1,2,4-Trimethylbenzene  
Concen: 1.115 ug/l  
RT: 11.460 min Scan# 3163  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 39425 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 45.7  | 22.4  | 67.3  |

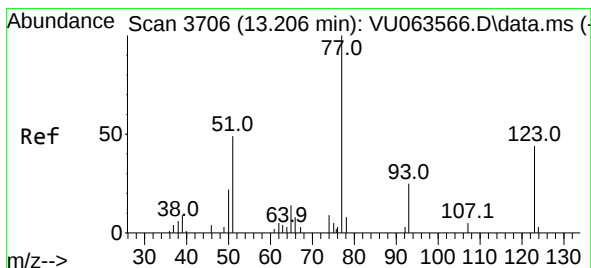
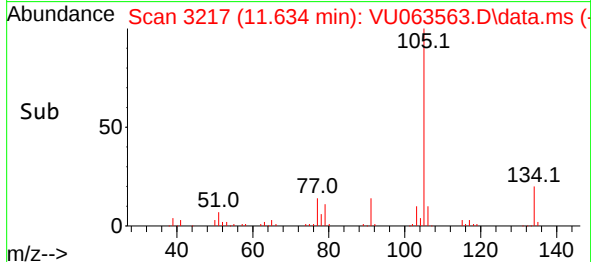
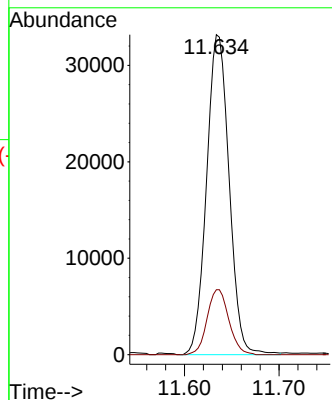
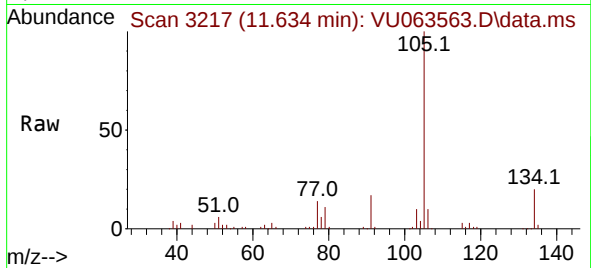




#79  
 sec-Butylbenzene  
 Concen: 1.177 ug/l  
 RT: 11.634 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

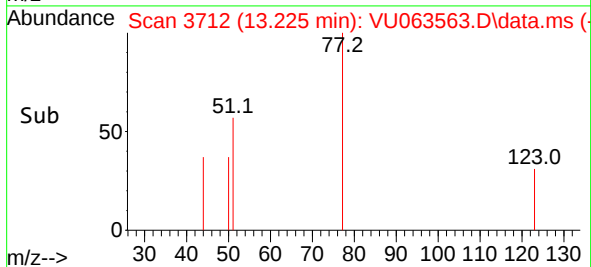
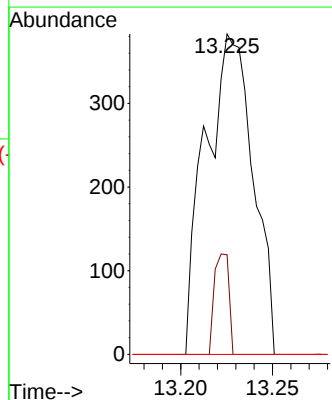
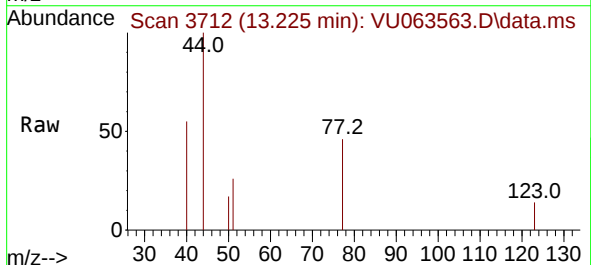
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

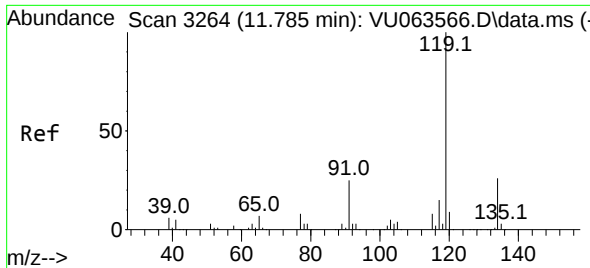
Tgt Ion:105 Resp: 54941  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 15.6 23.4



#80  
 Nitrobenzene  
 Concen: 7.036 ug/l  
 RT: 13.225 min Scan# 3712  
 Delta R.T. 0.019 min  
 Lab File: VU063563.D  
 Acq: 12 Sep 2025 09:43

Tgt Ion: 77 Resp: 692  
 Ion Ratio Lower Upper  
 77 100  
 123 9.5 18.0 63.6#  
 65 0.0 12.8 16.4#

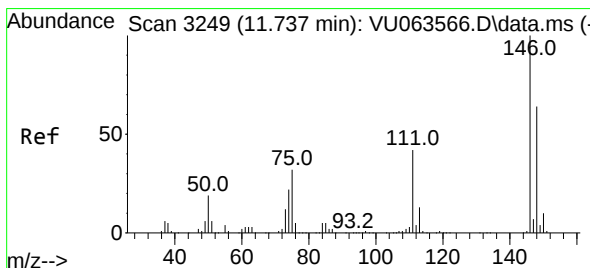
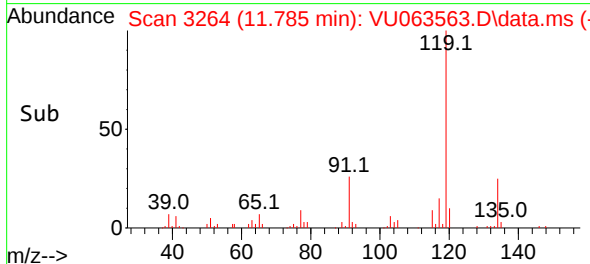
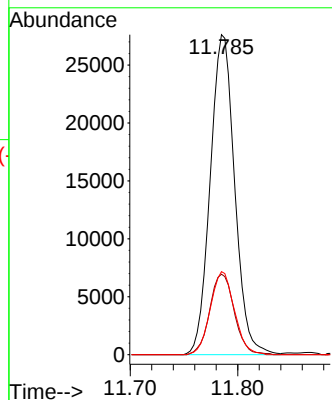
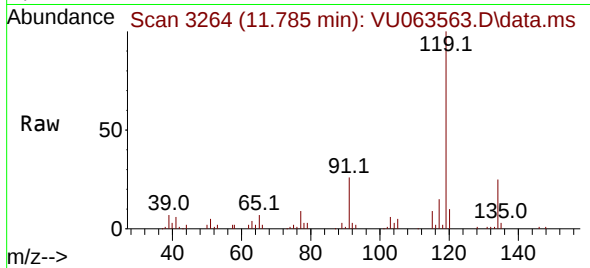




#81  
p-Isopropyltoluene  
Concen: 1.154 ug/l  
RT: 11.785 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

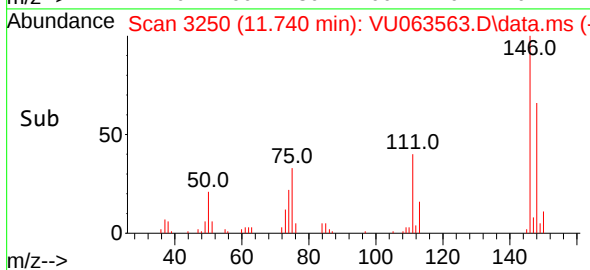
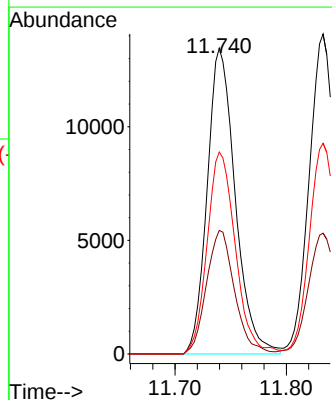
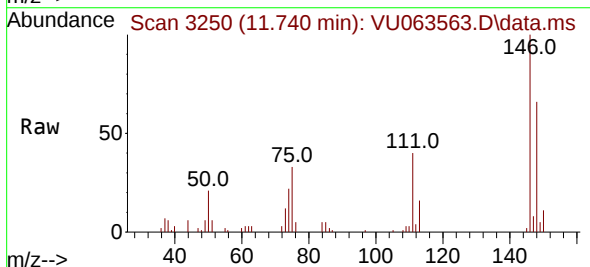
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

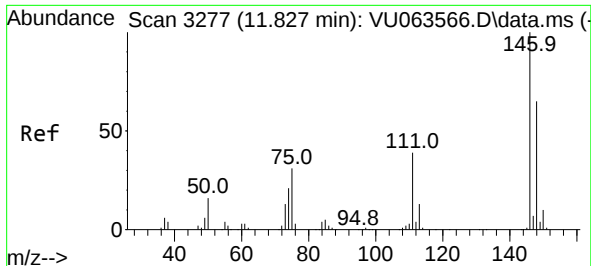
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 43610 |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 134      | 25.3  | 20.6  | 30.8  |
| 91       | 25.5  | 19.8  | 29.6  |



#82  
1,3-Dichlorobenzene  
Concen: 1.203 ug/l  
RT: 11.740 min Scan# 3250  
Delta R.T. 0.003 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 23568 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 40.4  | 32.7  | 49.1  |
| 148      | 66.4  | 50.4  | 75.6  |

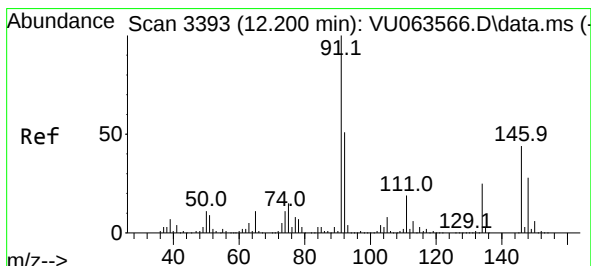
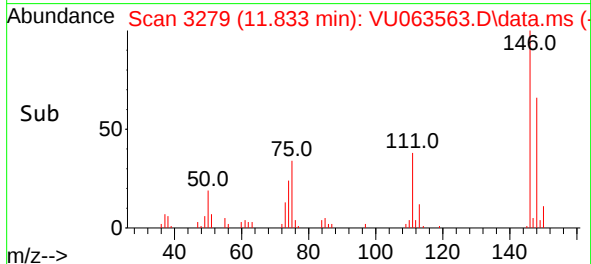
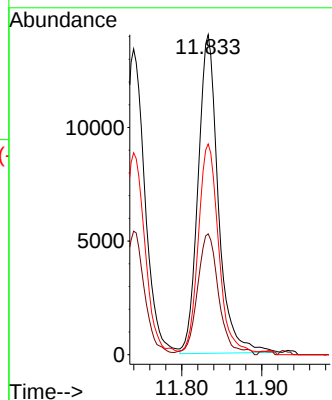
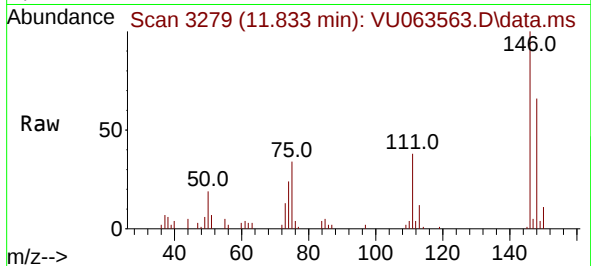




#83  
1,4-Dichlorobenzene  
Concen: 1.244 ug/l  
RT: 11.833 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

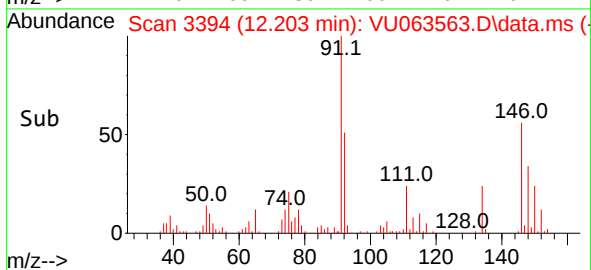
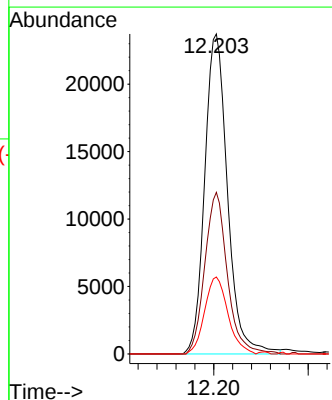
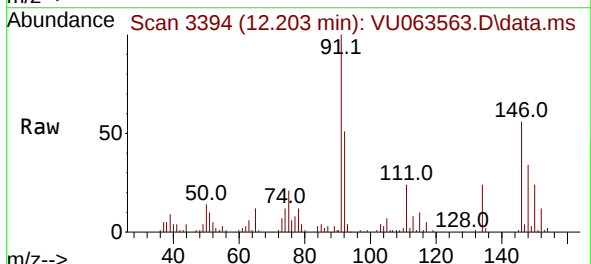
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

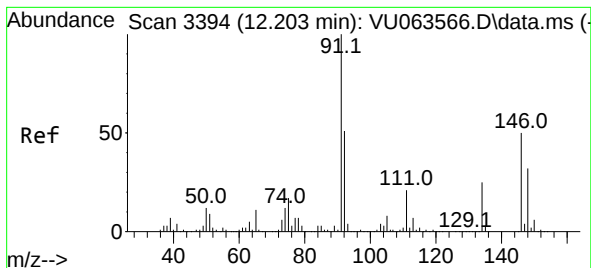
Tgt Ion:146 Resp: 24700  
Ion Ratio Lower Upper  
146 100  
111 40.0 31.6 47.4  
148 65.1 51.8 77.8



#84  
n-Butylbenzene  
Concen: 1.108 ug/l  
RT: 12.203 min Scan# 3394  
Delta R.T. 0.003 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

Tgt Ion: 91 Resp: 39680  
Ion Ratio Lower Upper  
91 100  
92 50.0 41.3 61.9  
134 24.6 19.9 29.9





#85

1,2-Dichlorobenzene

Concen: 1.242 ug/l

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC001

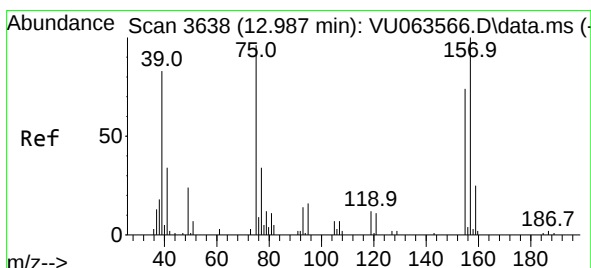
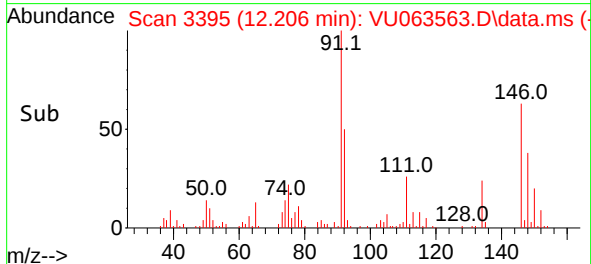
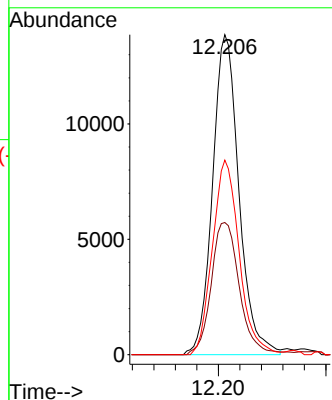
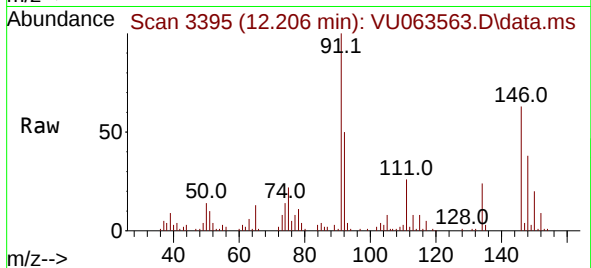
Tgt Ion:146 Resp: 23591

Ion Ratio Lower Upper

146 100

111 44.4 21.0 63.0

148 61.8 31.8 95.3



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.056 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

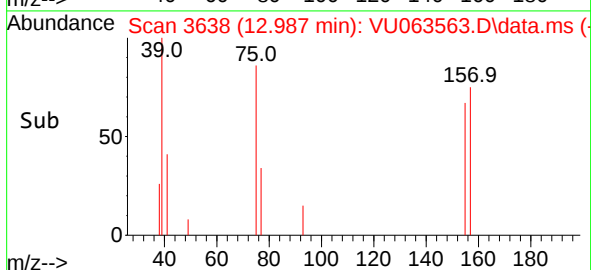
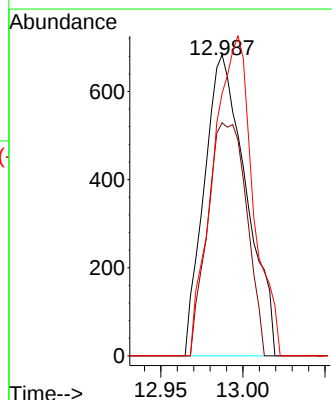
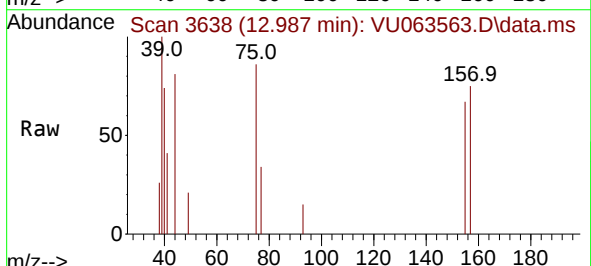
Tgt Ion: 75 Resp: 1209

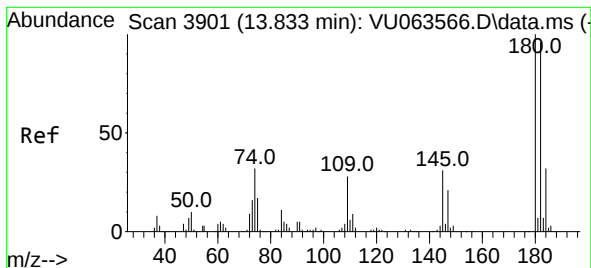
Ion Ratio Lower Upper

75 100

155 72.3 64.1 96.1

157 101.4 84.2 126.4





#87

1,2,4-Trichlorobenzene

Concen: 1.214 ug/l

RT: 13.839 min Scan# 3901

Delta R.T. 0.006 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

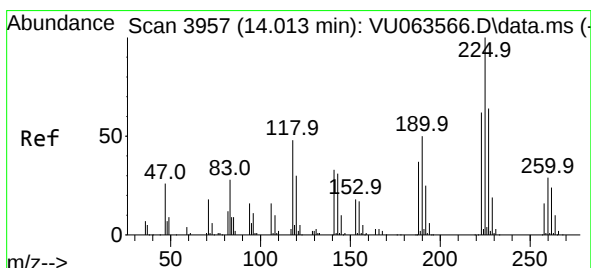
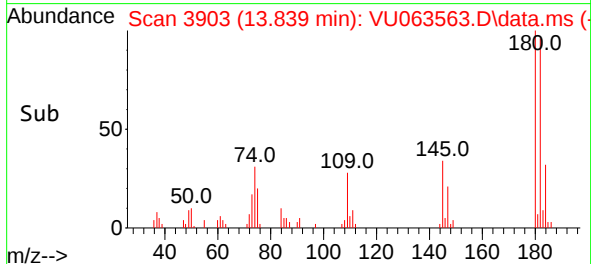
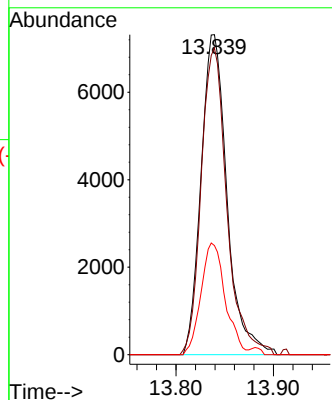
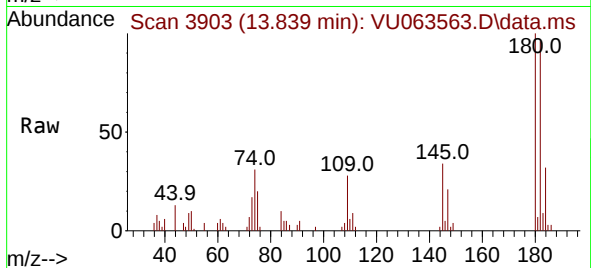
Tgt Ion:180 Resp: 13548

Ion Ratio Lower Upper

180 100

182 94.8 77.1 115.7

145 32.7 25.0 37.4



#88

Hexachlorobutadiene

Concen: 1.343 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063563.D

Acq: 12 Sep 2025 09:43

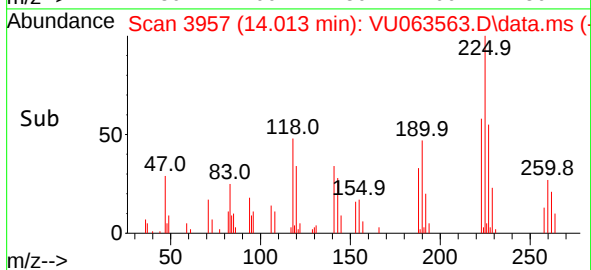
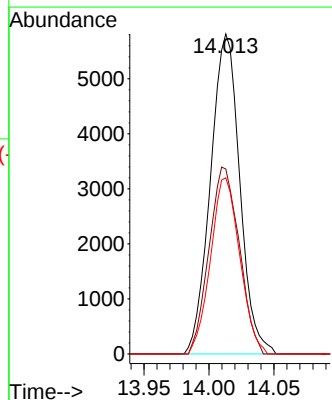
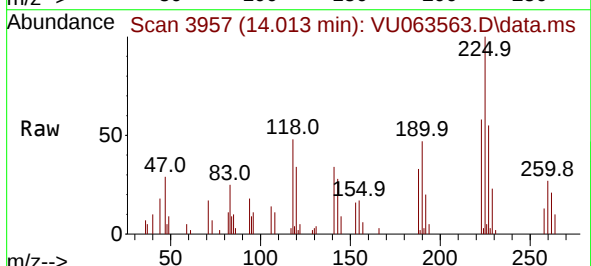
Tgt Ion:225 Resp: 9121

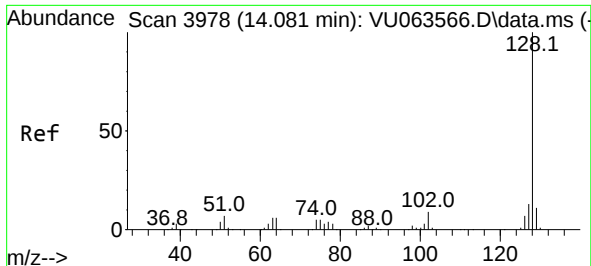
Ion Ratio Lower Upper

225 100

223 60.1 50.2 75.2

227 54.9 51.6 77.4

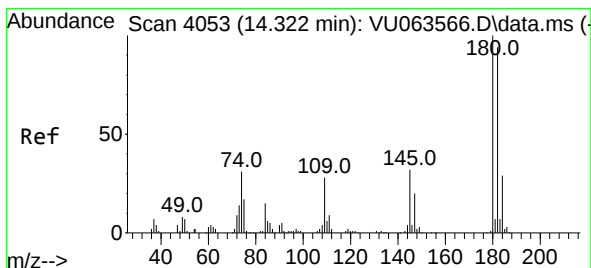
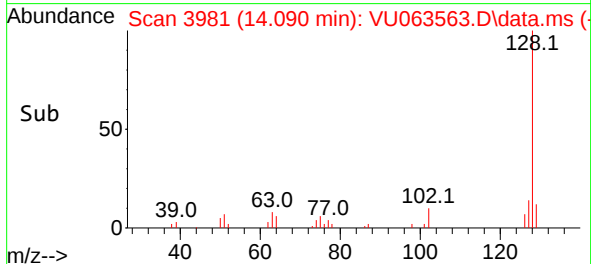
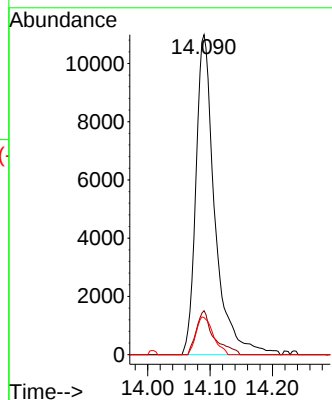
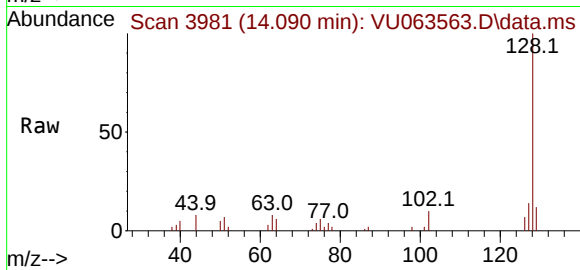




#89  
Naphthalene  
Concen: 1.143 ug/l  
RT: 14.090 min Scan# 3978  
Delta R.T. 0.010 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 23158     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 12.6  | 10.2 15.4 |
| 129         | 10.6  | 8.6 13.0  |



#90  
1,2,3-Trichlorobenzene  
Concen: 1.232 ug/l  
RT: 14.328 min Scan# 4055  
Delta R.T. 0.006 min  
Lab File: VU063563.D  
Acq: 12 Sep 2025 09:43

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 12716      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 93.5  | 76.8 115.2 |
| 145         | 33.1  | 26.6 40.0  |

