

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062325\  
 Data File : VU063425.D  
 Acq On : 23 Jun 2025 13:05  
 Operator : MD/SY  
 Sample : VSTDIC015  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

Quant Time: Jun 24 04:43:33 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U062325DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Jun 24 03:53:51 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc    | Units    | Dev(Min) |
|------------------------------|--------|------|----------|---------|----------|----------|
| -----                        |        |      |          |         |          |          |
| Internal Standards           |        |      |          |         |          |          |
| 1) Fluorobenzene             | 6.103  | 96   | 55542    | 1.000   | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |         |          |          |
| 57) 4-Bromofluorobenzene     | 10.627 | 95   | 21764    | 1.067   | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 107.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.184 | 152  | 21650    | 1.057   | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 106.000% |          |
| Target Compounds             |        |      |          |         |          |          |
|                              |        |      |          |         | Qvalue   |          |
| 2) Dichlorodifluoromethane   | 1.380  | 85   | 320918   | 15.043  | ug/l     | 99       |
| 3) Chloromethane             | 1.518  | 50   | 402670   | 14.328  | ug/l     | 99       |
| 4) Vinyl Chloride            | 1.599  | 62   | 360109   | 14.964  | ug/l     | 99       |
| 5) Bromomethane              | 1.840  | 94   | 154228   | 13.377  | ug/l     | 98       |
| 6) Chloroethane              | 1.920  | 64   | 205002   | 14.383  | ug/l     | 99       |
| 7) Trichlorofluoromethane    | 2.126  | 101  | 411631   | 15.000  | ug/l     | 98       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.570  | 101  | 219936   | 15.049  | ug/l     | 98       |
| 9) 1,1-Dichloroethene        | 2.567  | 96   | 220427   | 15.114  | ug/l     | 99       |
| 10) Iodomethane              | 2.708  | 142  | 211003   | 17.924  | ug/l     | 99       |
| 11) Allyl Chloride           | 2.911  | 41   | 387123   | 14.902  | ug/l     | 99       |
| 12) Acrylonitrile            | 3.303  | 53   | 135651   | 32.191  | ug/l     | 99       |
| 13) Acetone                  | 2.618  | 43   | 379532   | 75.787  | ug/l     | 99       |
| 14) Carbon Disulfide         | 2.779  | 76   | 759256   | 14.929  | ug/l     | 100      |
| 15) Methylene Chloride       | 3.030  | 84   | 266545   | 14.419  | ug/l     | 99       |
| 16) trans-1,2-Dichloroethene | 3.335  | 96   | 243631   | 14.847  | ug/l     | 98       |
| 17) 1,1-Dichloroethane       | 3.849  | 63   | 509832   | 14.797  | ug/l     | 100      |
| 18) 2-Butanone               | 4.708  | 43   | 490050   | 83.335  | ug/l     | 100      |
| 19) Cyclohexane              | 5.364  | 56   | 425245   | 16.313  | ug/l     | 94       |
| 20) Methylcyclohexane        | 6.746  | 83   | 413365   | 17.161  | ug/l     | 98       |
| 21) 2,2-Dichloropropane      | 4.647  | 77   | 370265   | 15.119  | ug/l     | 99       |
| 22) cis-1,2-Dichloroethene   | 4.650  | 96   | 261791   | 14.616  | ug/l     | 98       |
| 23) Diethyl Ether            | 2.370  | 59   | 202958   | 15.423  | ug/l     | 98       |
| 24) tert-Butyl Alcohol       | 3.187  | 59   | 220125   | 158.795 | ug/l     | 99       |
| 25) Methyl tert-Butyl Ether  | 3.357  | 73   | 614070   | 15.482  | ug/l     | 99       |
| 26) Bromochloromethane       | 4.959  | 128  | 103279   | 14.815  | ug/l     | 99       |
| 27) Chloroform               | 5.074  | 83   | 469579   | 14.538  | ug/l     | 98       |
| 28) 1,1,1-Trichloroethane    | 5.296  | 97   | 385099   | 14.703  | ug/l     | 98       |
| 29) 1,1-Dichloropropene      | 5.505  | 75   | 364936   | 15.253  | ug/l     | 96       |
| 30) Carbon Tetrachloride     | 5.502  | 117  | 309522   | 14.796  | ug/l     | 98       |
| 31) Isopropyl Ether          | 3.991  | 45   | 803593   | 14.841  | ug/l     | 98       |
| 32) Ethyl-t-butyl ether      | 4.502  | 59   | 689759   | 15.126  | ug/l     | 99       |
| 33) Tert-Amyl methyl ether   | 5.943  | 73   | 563733   | 17.293  | ug/l     | 98       |
| 34) Propionitrile            | 4.772  | 54   | 120791   | 71.011  | ug/l     | 98       |
| 35) Benzene                  | 5.756  | 78   | 1083494  | 14.970  | ug/l     | 99       |
| 36) 1,2-Dichloroethane       | 5.782  | 62   | 320302   | 15.139  | ug/l     | 99       |
| 37) Trichloroethene          | 6.528  | 130  | 264898   | 15.488  | ug/l     | 100      |
| 38) 1,2-Dichloropropane      | 6.782  | 63   | 316392   | 15.828  | ug/l     | 100      |
| 39) Methacrylonitrile        | 4.972  | 41   | 102606   | 14.497  | ug/l     | 99       |
| 40) Methyl acrylate          | 4.846  | 55   | 162541   | 16.324  | ug/l     | 98       |
| 41) Tetrahydrofuran          | 5.058  | 42   | 107618   | 28.267  | ug/l     | 99       |
| 42) 1-Chlorobutane           | 5.441  | 56   | 547855   | 16.141  | ug/l     | 100      |
| 43) Dibromomethane           | 6.907  | 93   | 143318   | 15.348  | ug/l     | 97       |
| 44) Bromodichloromethane     | 7.097  | 83   | 343381   | 15.096  | ug/l     | 99       |

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 Sample : VSTDIC015  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

Quant Time: Jun 24 04:43:33 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U062325DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Jun 24 03:53:51 2025  
 Response via : Initial Calibration

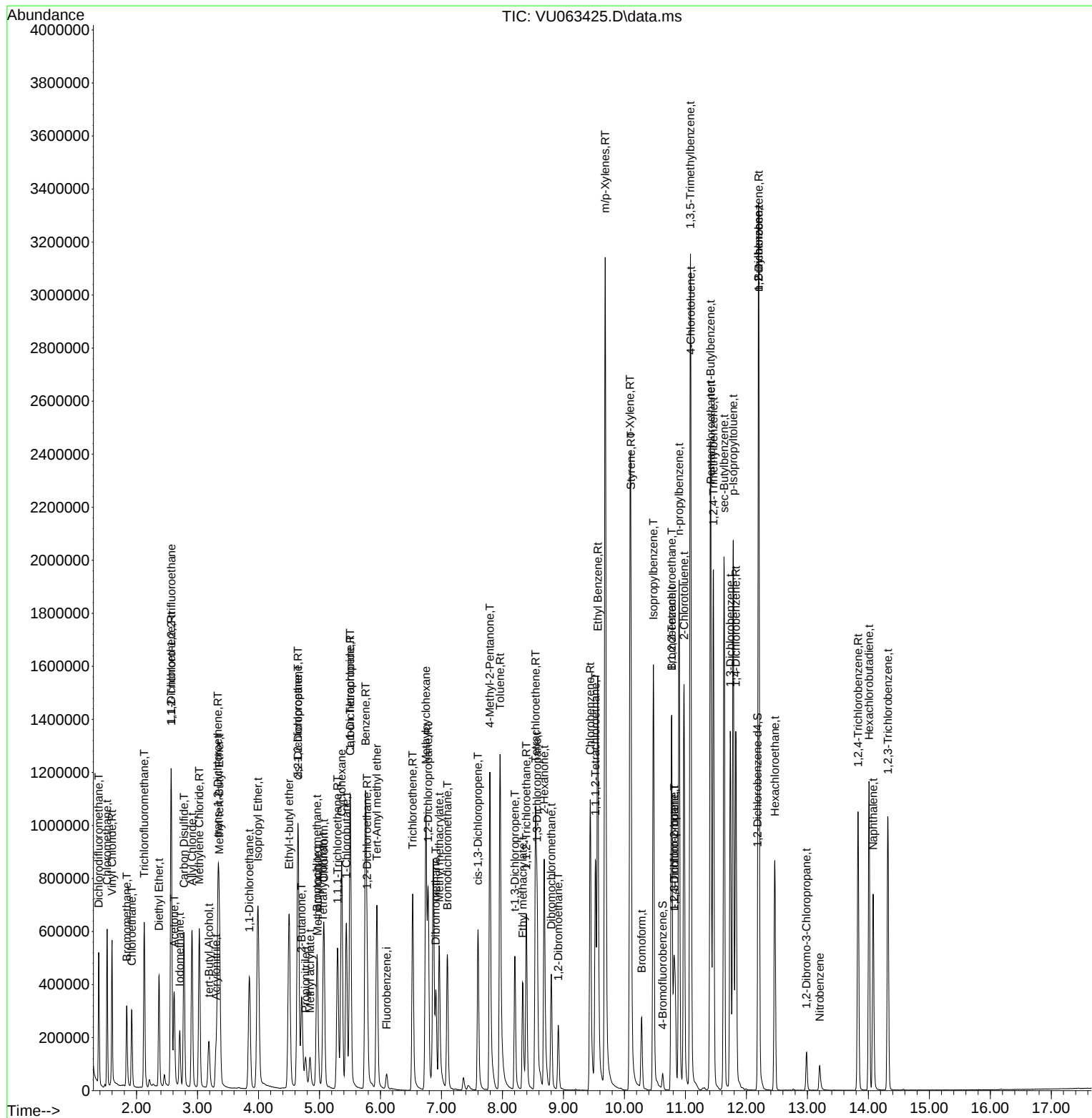
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.795  | 43   | 872495   | 87.043 | ug/l   | 99       |
| 46) t-1,4-Dichloro-2-butene   | 10.817 | 75   | 283682   | 88.662 | ug/l # | 45       |
| 47) Methyl methacrylate       | 6.965  | 69   | 272864   | 30.195 | ug/l   | 98       |
| 48) Ethyl methacrylate        | 8.332  | 69   | 255214   | 14.986 | ug/l   | 98       |
| 49) Toluene                   | 7.962  | 92   | 681570   | 17.153 | ug/l   | 100      |
| 50) t-1,3-Dichloropropene     | 8.203  | 75   | 302780   | 18.459 | ug/l   | 98       |
| 51) cis-1,3-Dichloropropene   | 7.598  | 75   | 393078   | 17.841 | ug/l   | 100      |
| 52) 1,1,2-Trichloroethane     | 8.393  | 97   | 209627   | 15.357 | ug/l   | 99       |
| 53) 1,3-Dichloropropane       | 8.569  | 76   | 368628   | 15.696 | ug/l   | 99       |
| 54) 2-Hexanone                | 8.685  | 43   | 632599   | 75.090 | ug/l   | 98       |
| 55) Dibromochloromethane      | 8.801  | 129  | 228158   | 16.200 | ug/l   | 98       |
| 56) 1,2-Dibromoethane         | 8.917  | 107  | 168843   | 15.258 | ug/l   | 98       |
| 58) Tetrachloroethene         | 8.544  | 164  | 267118   | 15.920 | ug/l   | 99       |
| 59) Chlorobenzene             | 9.441  | 112  | 696251   | 16.367 | ug/l   | 100      |
| 60) 1,1,1,2-Tetrachloroethane | 9.524  | 131  | 235721   | 15.394 | ug/l   | 98       |
| 61) Pentachloroethane         | 11.418 | 117  | 176614   | 14.158 | ug/l   | 96       |
| 62) Hexachloroethane          | 12.466 | 117  | 178100   | 15.875 | ug/l   | 99       |
| 63) Ethyl Benzene             | 9.563  | 91   | 1247103  | 18.287 | ug/l   | 100      |
| 64) m/p-Xylenes               | 9.685  | 106  | 979694   | 29.979 | ug/l   | 98       |
| 65) o-Xylene                  | 10.094 | 106  | 463041   | 17.872 | ug/l   | 100      |
| 66) Styrene                   | 10.106 | 104  | 786883   | 14.979 | ug/l   | 99       |
| 67) Bromoform                 | 10.283 | 173  | 124626   | 16.195 | ug/l   | 99       |
| 69) Isopropylbenzene          | 10.476 | 105  | 1081336  | 18.016 | ug/l   | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.775 | 83   | 265725   | 15.218 | ug/l   | 100      |
| 71) 1,2,3-Trichloropropane    | 10.817 | 75   | 283682   | 19.525 | ug/l # | 87       |
| 72) Bromobenzene              | 10.775 | 156  | 275102   | 16.328 | ug/l   | 84       |
| 73) n-propylbenzene           | 10.897 | 120  | 331125   | 15.024 | ug/l   | 99       |
| 74) 2-Chlorotoluene           | 10.978 | 126  | 288819   | 17.342 | ug/l   | 99       |
| 75) 1,3,5-Trimethylbenzene    | 11.081 | 105  | 1080027  | 14.923 | ug/l   | 99       |
| 76) 4-Chlorotoluene           | 11.090 | 126  | 306016   | 17.541 | ug/l   | 93       |
| 77) tert-Butylbenzene         | 11.412 | 119  | 967031   | 17.535 | ug/l   | 99       |
| 78) 1,2,4-Trimethylbenzene    | 11.460 | 105  | 1106183  | 15.016 | ug/l   | 98       |
| 79) sec-Butylbenzene          | 11.634 | 105  | 1391528  | 17.816 | ug/l   | 100      |
| 80) Nitrobenzene              | 13.203 | 77   | 63222    | 76.388 | ug/l   | 95       |
| 81) p-Isopropyltoluene        | 11.785 | 119  | 1141962  | 14.991 | ug/l   | 99       |
| 82) 1,3-Dichlorobenzene       | 11.737 | 146  | 558223   | 15.994 | ug/l   | 100      |
| 83) 1,4-Dichlorobenzene       | 11.827 | 146  | 579089   | 16.003 | ug/l   | 100      |
| 84) n-Butylbenzene            | 12.200 | 91   | 1143852  | 17.890 | ug/l   | 99       |
| 85) 1,2-Dichlorobenzene       | 12.203 | 146  | 536861   | 16.073 | ug/l   | 99       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.984 | 75   | 39601    | 16.498 | ug/l   | 99       |
| 87) 1,2,4-Trichlorobenzene    | 13.833 | 180  | 321704   | 17.274 | ug/l   | 99       |
| 88) Hexachlorobutadiene       | 14.013 | 225  | 209808   | 15.890 | ug/l   | 99       |
| 89) Naphthalene               | 14.081 | 128  | 611576   | 15.330 | ug/l   | 100      |
| 90) 1,2,3-Trichlorobenzene    | 14.322 | 180  | 319688   | 17.264 | ug/l   | 100      |

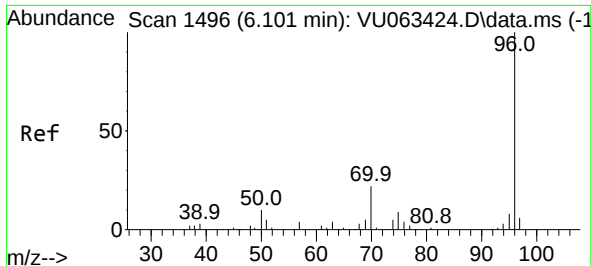
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062325\  
 Data File : VU063425.D  
 Acq On : 23 Jun 2025 13:05  
 Operator : MD/SY  
 Sample : VSTDIC015  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

Quant Time: Jun 24 04:43:33 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U062325DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Jun 24 03:53:51 2025  
 Response via : Initial Calibration

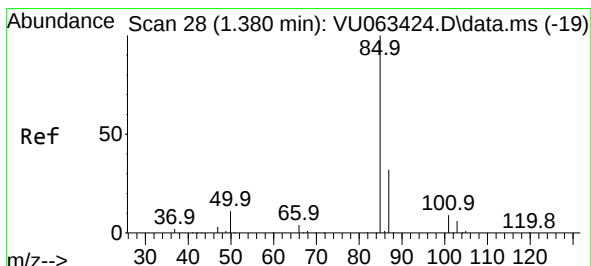
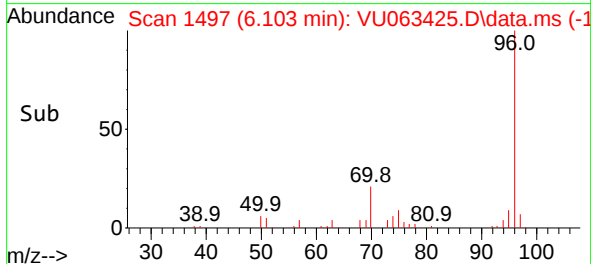
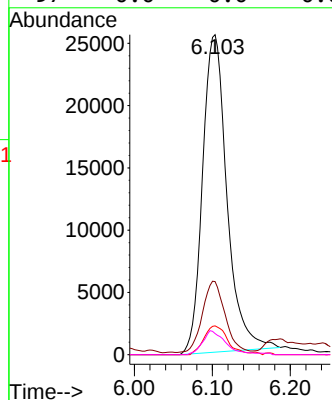
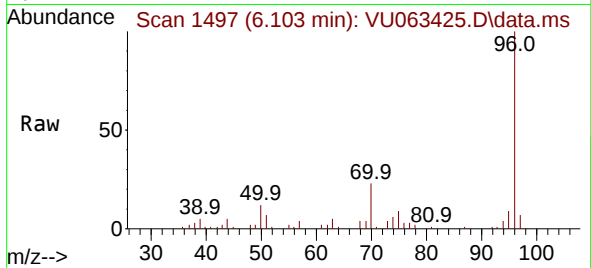




#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.103 min Scan# 14  
Delta R.T. 0.002 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

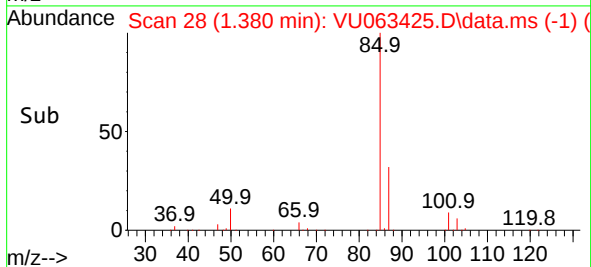
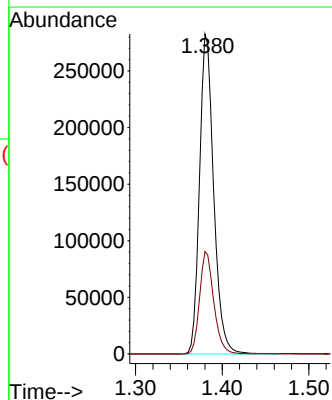
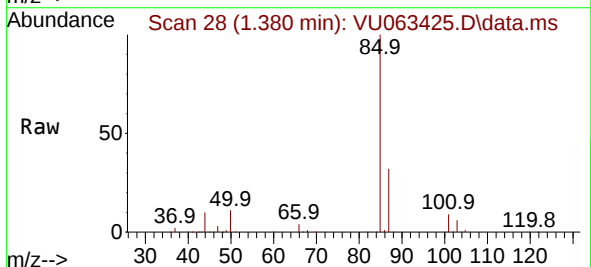
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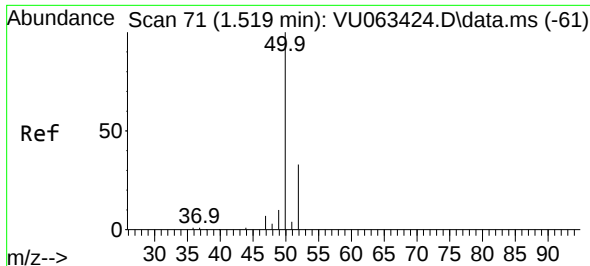
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 55542 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 70 20.1     | 16.4 24.6   |
| 95 0.0      | 6.2 9.2#    |
| 97 0.0      | 0.0 0.0     |



#2  
Dichlorodifluoromethane  
Concen: 15.043 ug/l  
RT: 1.380 min Scan# 28  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

|             |              |
|-------------|--------------|
| Tgt Ion: 85 | Resp: 320918 |
| Ion Ratio   | Lower Upper  |
| 85 100      |              |
| 87 32.0     | 16.2 48.5    |

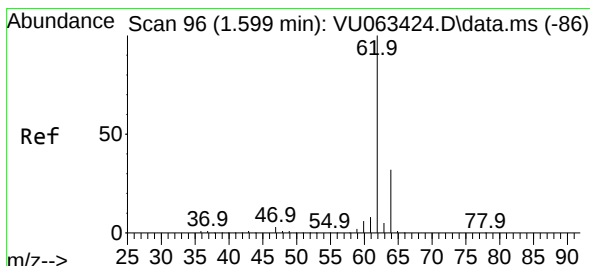
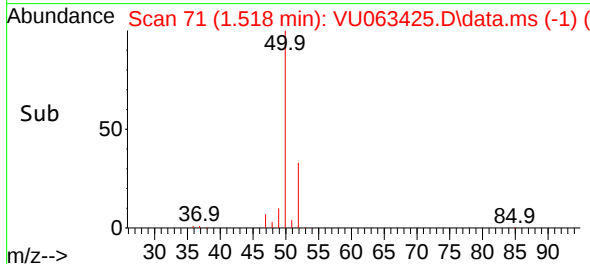
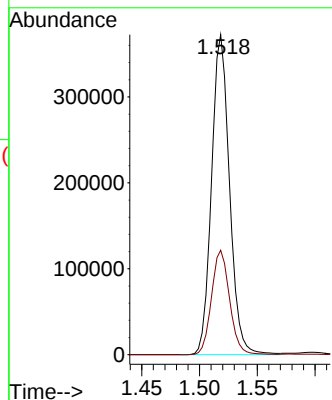
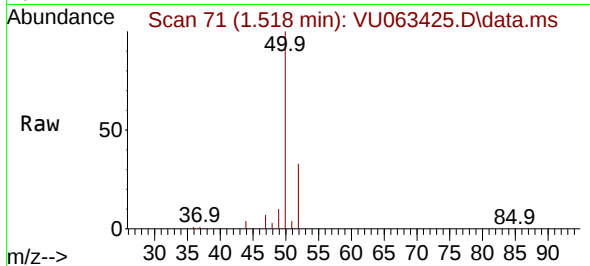




#3  
Chloromethane  
Concen: 14.328 ug/l  
RT: 1.518 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

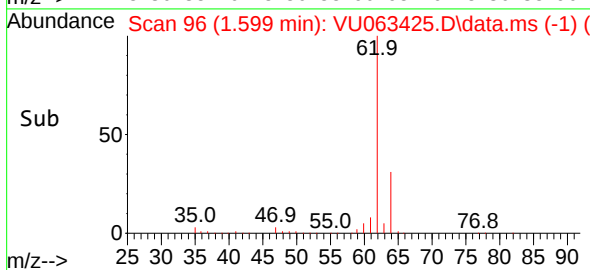
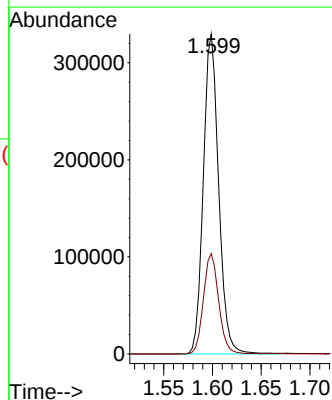
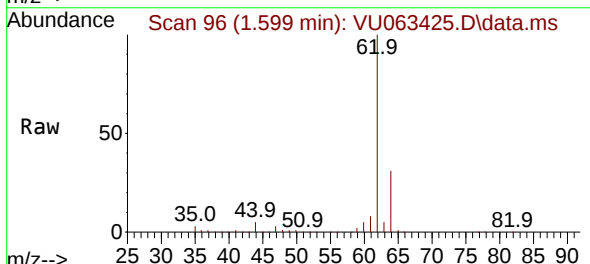
Instrument :  
MSVOA\_U  
ClientSampleId :  
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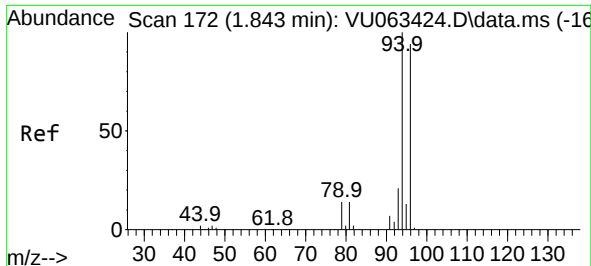
Tgt Ion: 50 Resp: 402670  
Ion Ratio Lower Upper  
50 100  
52 32.6 26.6 40.0



#4  
Vinyl Chloride  
Concen: 14.964 ug/l  
RT: 1.599 min Scan# 96  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion: 62 Resp: 360109  
Ion Ratio Lower Upper  
62 100  
64 31.3 25.7 38.5

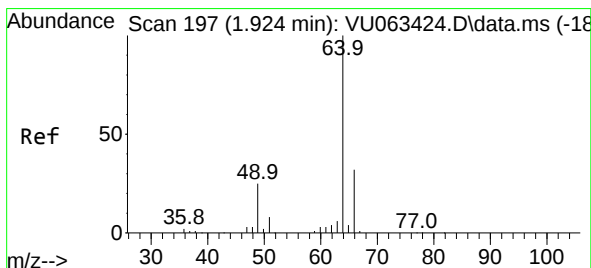
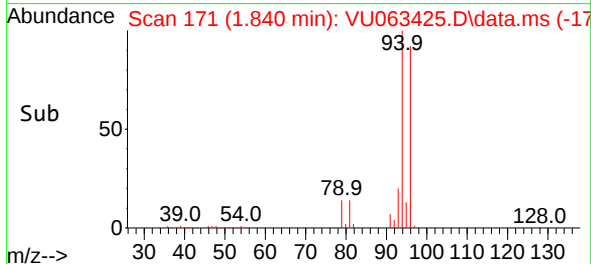
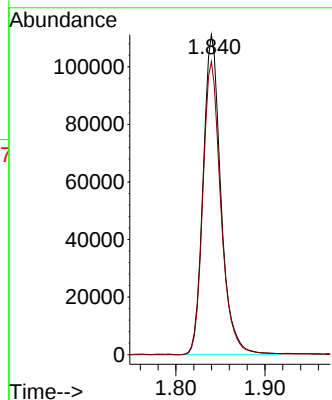
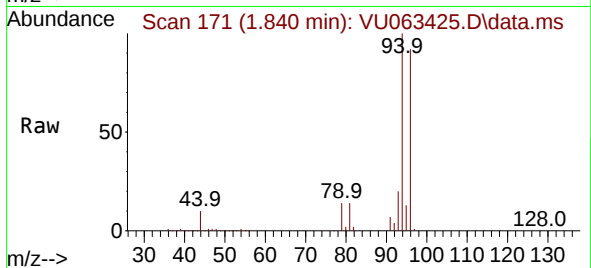




#5  
Bromomethane  
Concen: 13.377 ug/l  
RT: 1.840 min Scan# 1  
Delta R.T. -0.004 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

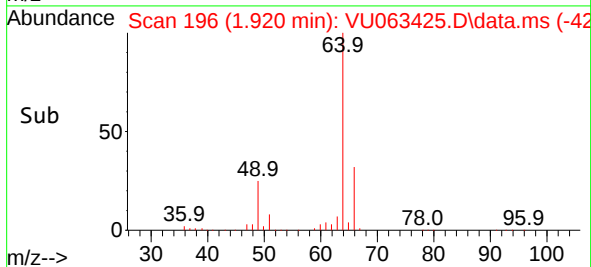
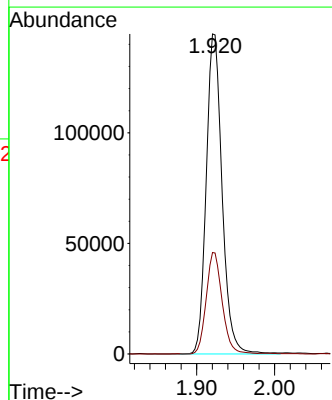
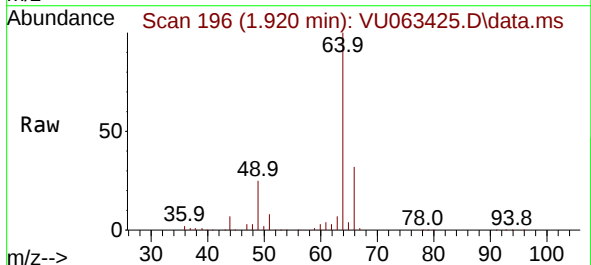
Instrument :  
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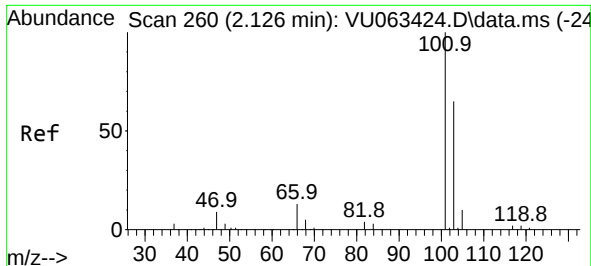
Tgt Ion: 94 Resp: 154228  
Ion Ratio Lower Upper  
94 100  
96 91.6 74.8 112.2



#6  
Chloroethane  
Concen: 14.383 ug/l  
RT: 1.920 min Scan# 196  
Delta R.T. -0.004 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion: 64 Resp: 205002  
Ion Ratio Lower Upper  
64 100  
66 31.7 25.7 38.5

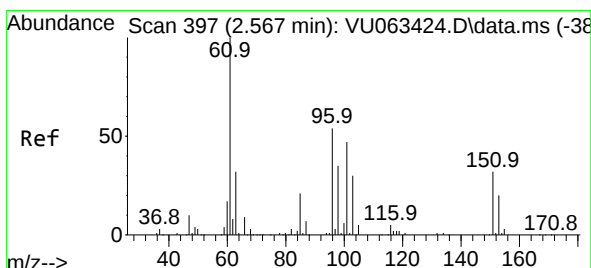
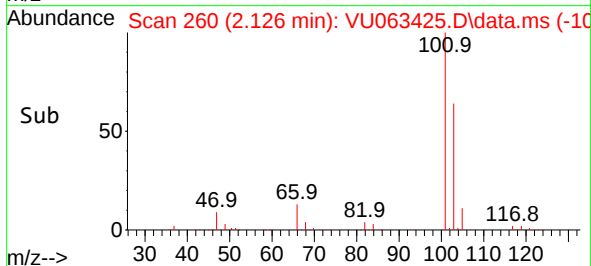
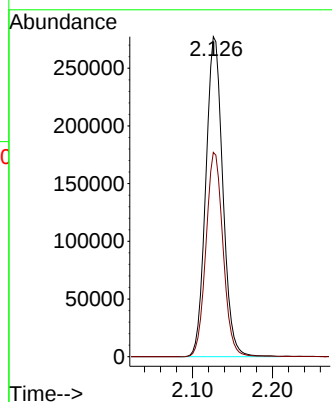
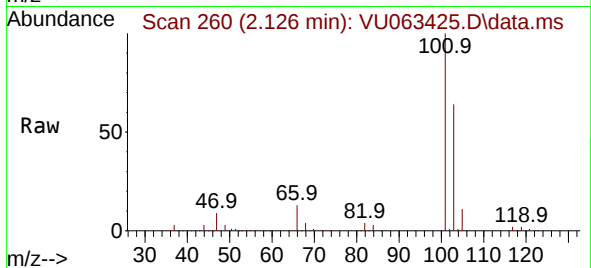




#7  
 Trichlorofluoromethane  
 Concen: 15.000 ug/l  
 RT: 2.126 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VU063425.D  
 Acq: 23 Jun 2025 13:05

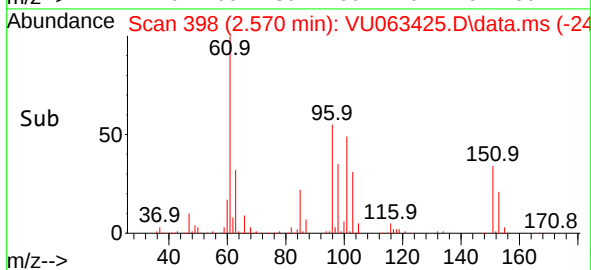
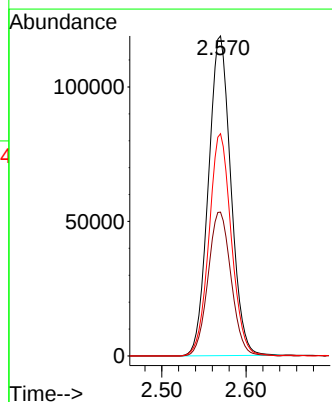
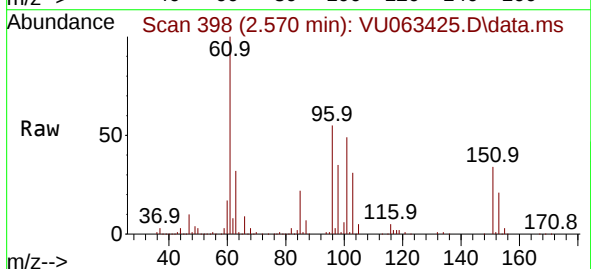
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

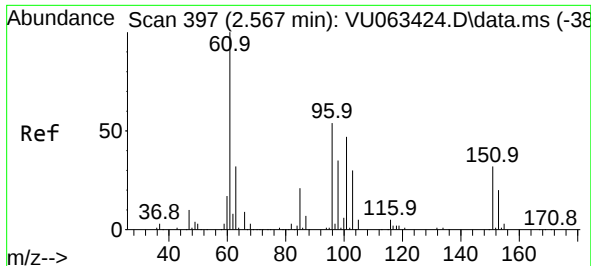
Tgt Ion:101 Resp: 411631  
 Ion Ratio Lower Upper  
 101 100  
 103 63.9 52.3 78.5



#8  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 15.049 ug/l  
 RT: 2.570 min Scan# 398  
 Delta R.T. 0.003 min  
 Lab File: VU063425.D  
 Acq: 23 Jun 2025 13:05

Tgt Ion:101 Resp: 219936  
 Ion Ratio Lower Upper  
 101 100  
 85 46.3 36.7 55.1  
 151 69.2 53.9 80.9

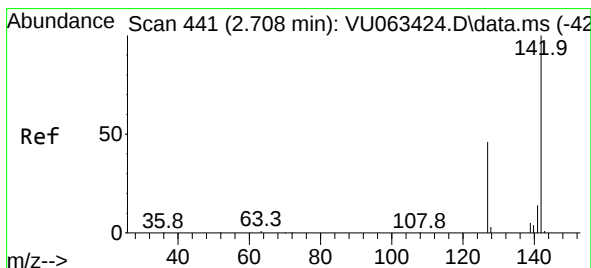
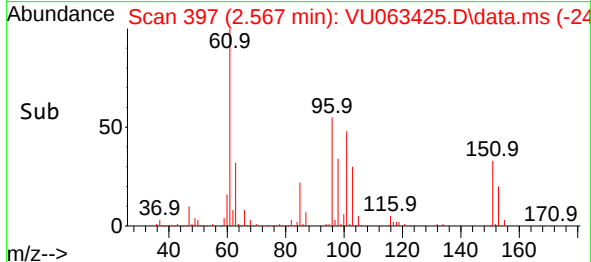
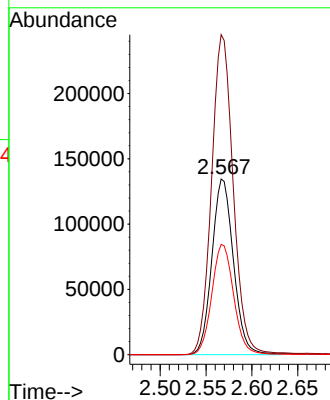
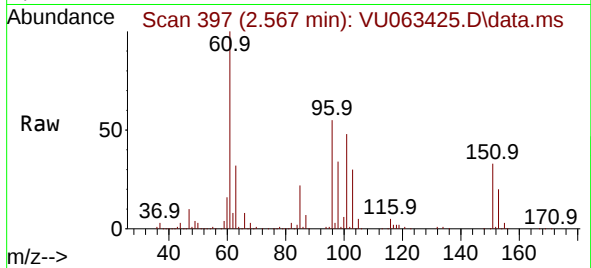




#9  
1,1-Dichloroethene  
Concen: 15.114 ug/l  
RT: 2.567 min Scan# 397  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

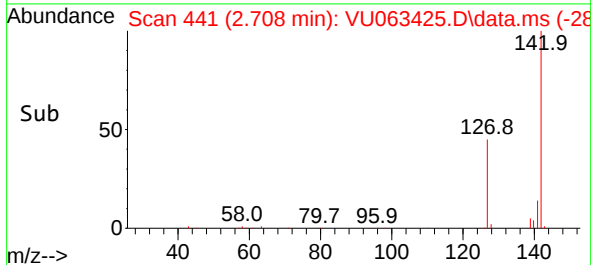
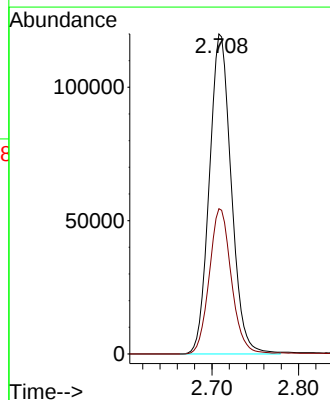
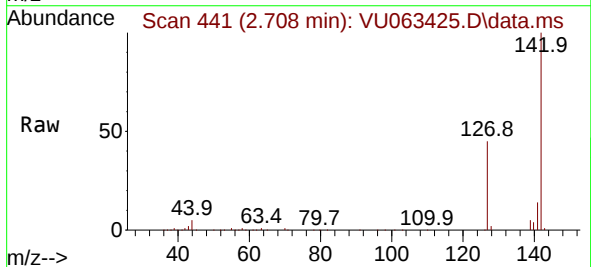
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

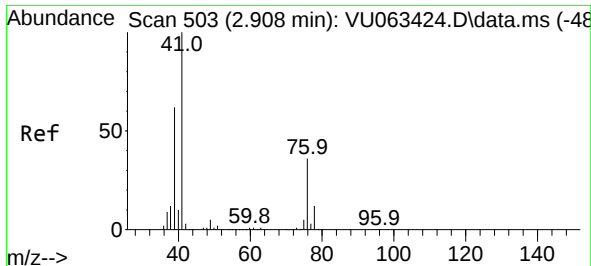
Tgt Ion: 96 Resp: 220427  
Ion Ratio Lower Upper  
96 100  
61 182.2 0.0 552.0  
98 62.8 0.0 128.4



#10  
Iodomethane  
Concen: 17.924 ug/l  
RT: 2.708 min Scan# 441  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion: 142 Resp: 211003  
Ion Ratio Lower Upper  
142 100  
127 45.7 36.9 55.3





#11

Allyl Chloride

Concen: 14.902 ug/l

RT: 2.911 min Scan# 503

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

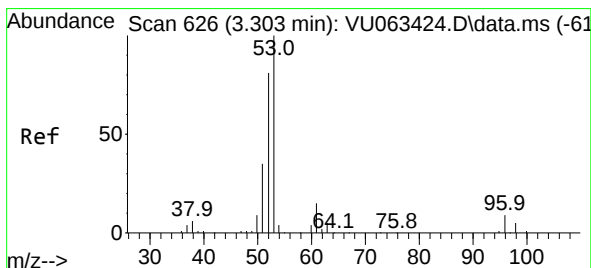
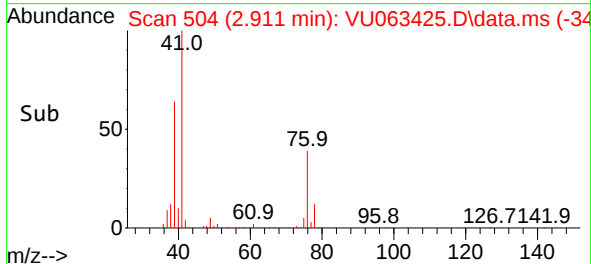
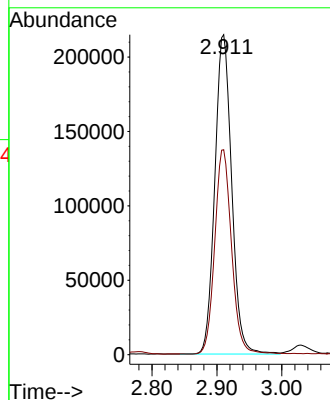
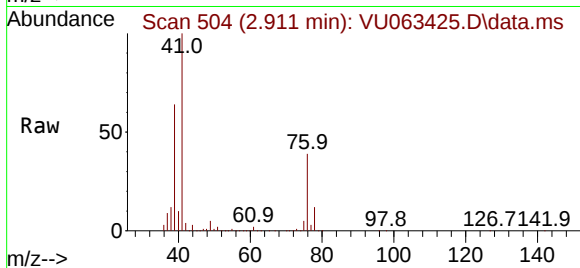
VSTDIC015

Tgt Ion: 41 Resp: 387123

Ion Ratio Lower Upper

41 100

39 63.7 50.3 75.5



#12

Acrylonitrile

Concen: 32.191 ug/l

RT: 3.303 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

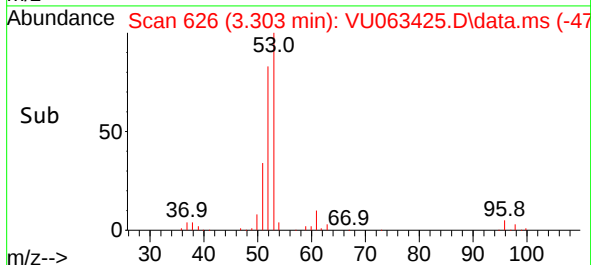
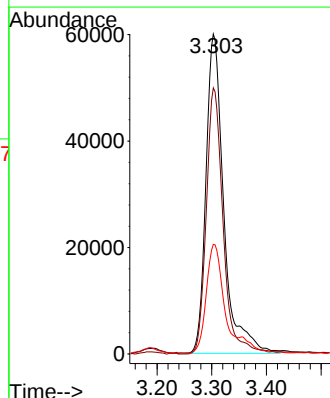
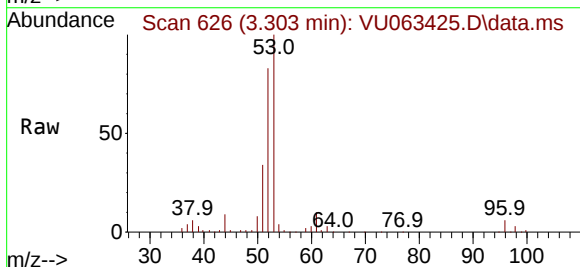
Tgt Ion: 53 Resp: 135651

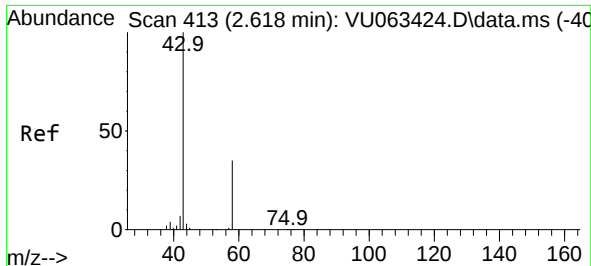
Ion Ratio Lower Upper

53 100

52 78.8 62.8 94.2

51 33.4 26.2 39.4





#13

Acetone

Concen: 75.787 ug/l

RT: 2.618 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

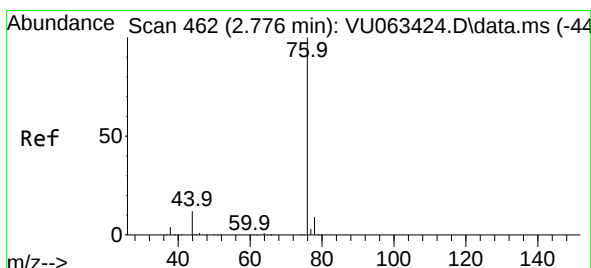
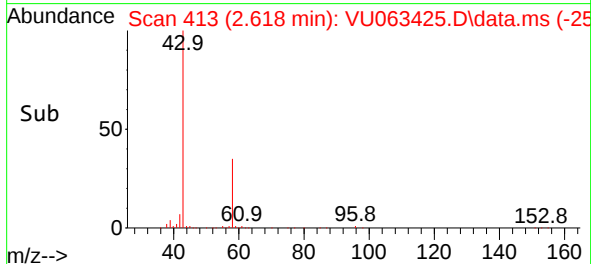
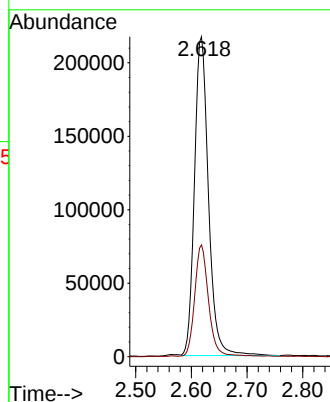
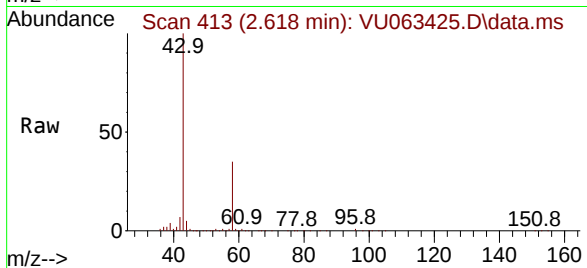
VSTDIC015

Tgt Ion: 43 Resp: 379532

Ion Ratio Lower Upper

43 100

58 34.9 28.3 42.5



#14

Carbon Disulfide

Concen: 14.929 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU063425.D

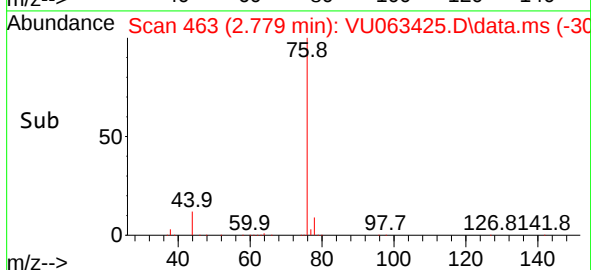
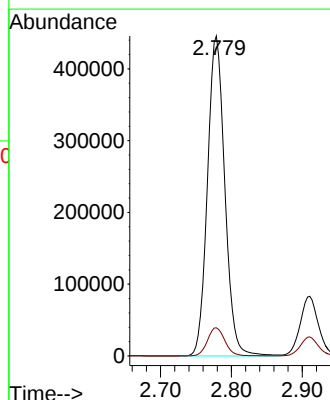
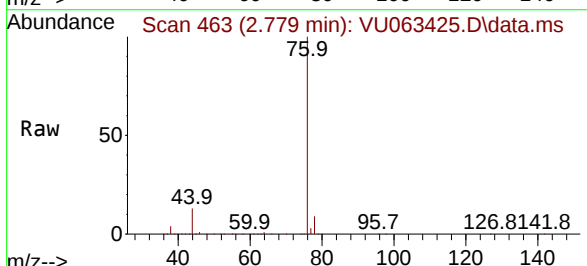
Acq: 23 Jun 2025 13:05

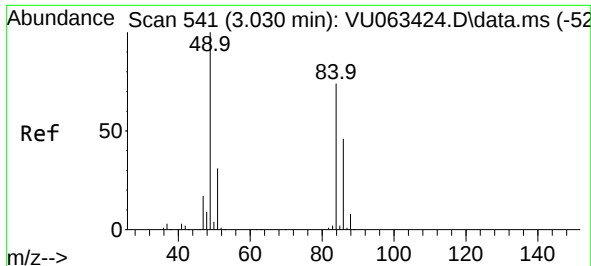
Tgt Ion: 76 Resp: 759256

Ion Ratio Lower Upper

76 100

78 8.8 6.9 10.3

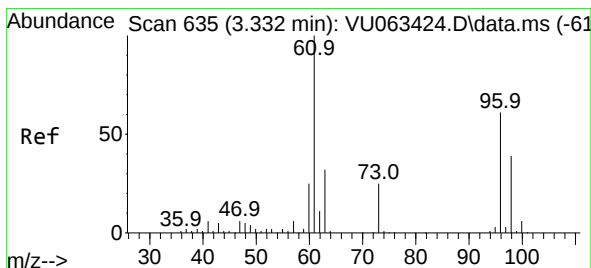
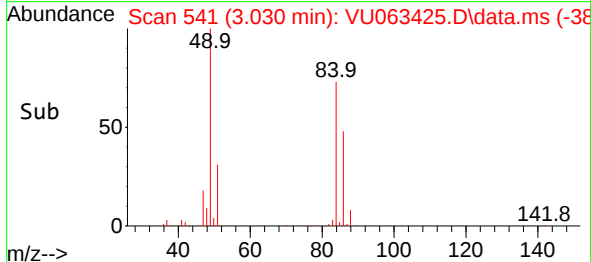
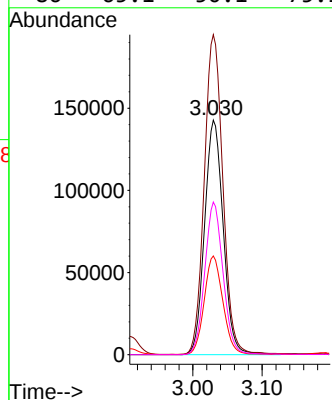
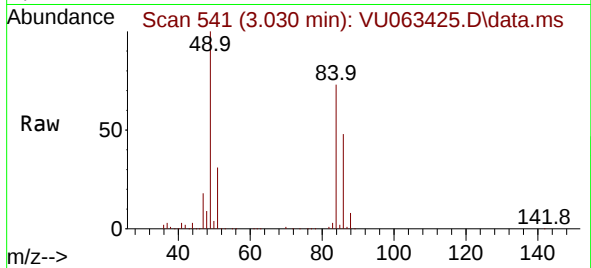




#15  
Methylene Chloride  
Concen: 14.419 ug/l  
RT: 3.030 min Scan# 541  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

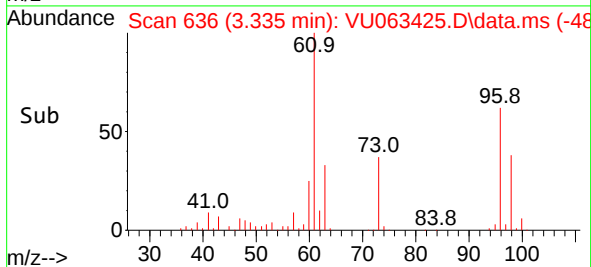
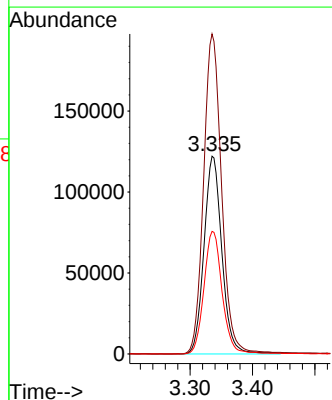
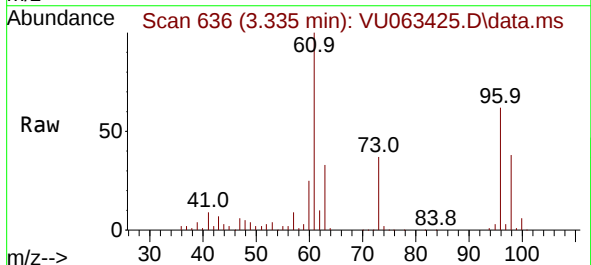
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

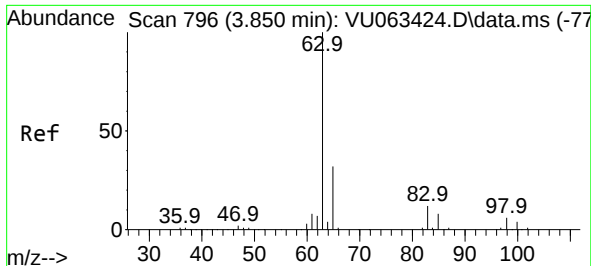
Tgt Ion: 84 Resp: 266545  
Ion Ratio Lower Upper  
84 100  
49 136.3 108.7 163.1  
51 42.0 0.0 83.8  
86 65.1 50.1 75.1



#16  
trans-1,2-Dichloroethene  
Concen: 14.847 ug/l  
RT: 3.335 min Scan# 636  
Delta R.T. 0.003 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion: 96 Resp: 243631  
Ion Ratio Lower Upper  
96 100  
61 161.6 132.1 198.1  
98 61.9 51.0 76.4





#17

1,1-Dichloroethane

Concen: 14.797 ug/l

RT: 3.849 min Scan# 796

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

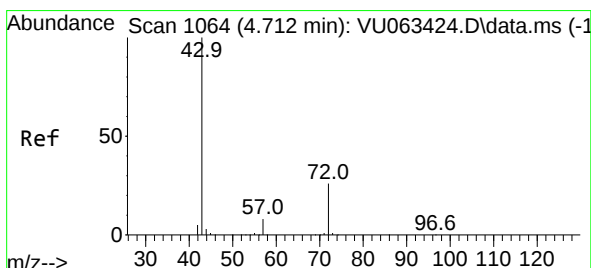
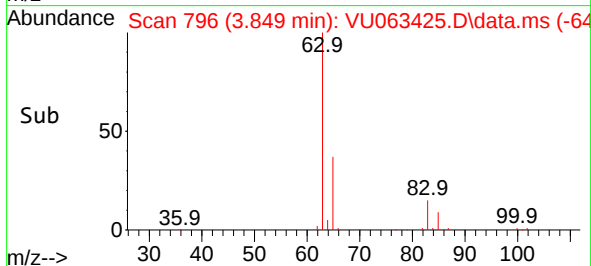
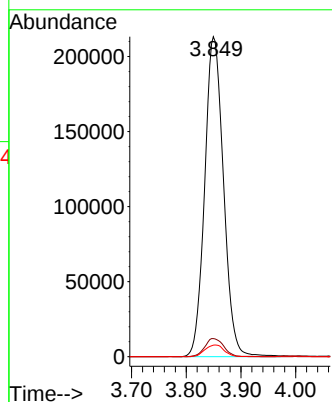
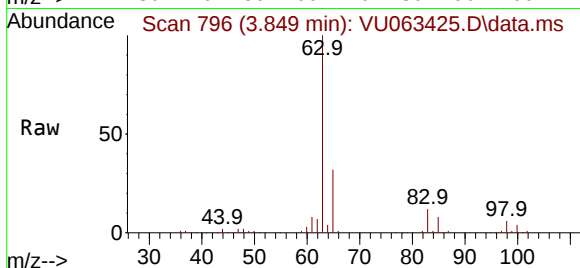
Tgt Ion: 63 Resp: 509832

Ion Ratio Lower Upper

63 100

98 5.7 2.8 8.4

100 3.6 1.9 5.7



#18

2-Butanone

Concen: 83.335 ug/l

RT: 4.708 min Scan# 1063

Delta R.T. -0.004 min

Lab File: VU063425.D

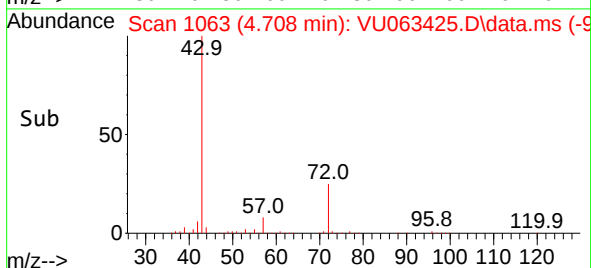
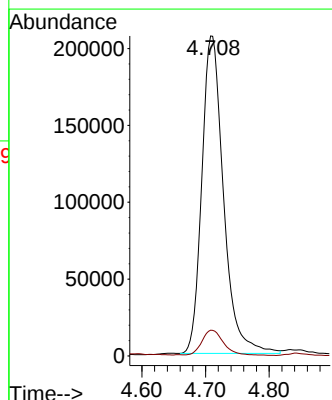
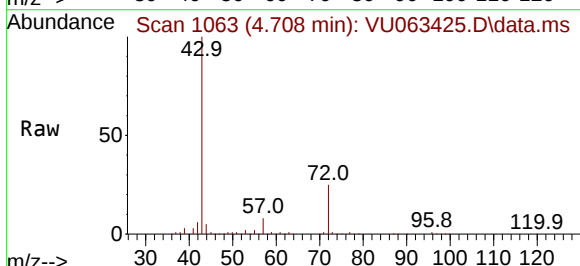
Acq: 23 Jun 2025 13:05

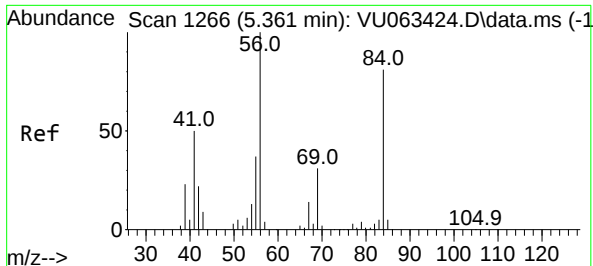
Tgt Ion: 43 Resp: 490050

Ion Ratio Lower Upper

43 100

57 7.8 0.0 16.0

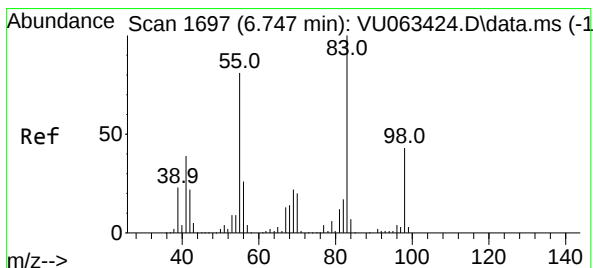
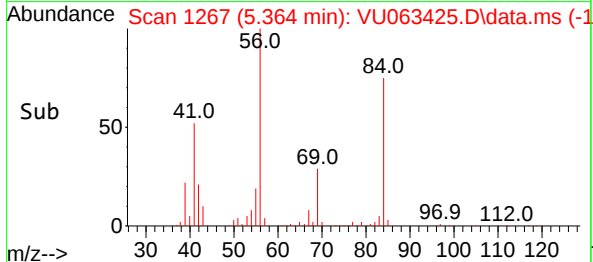
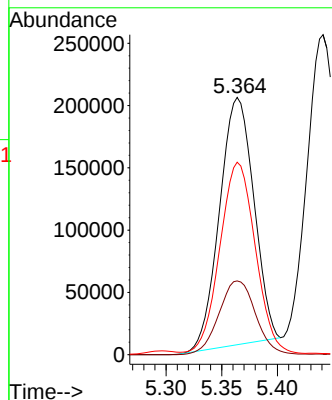
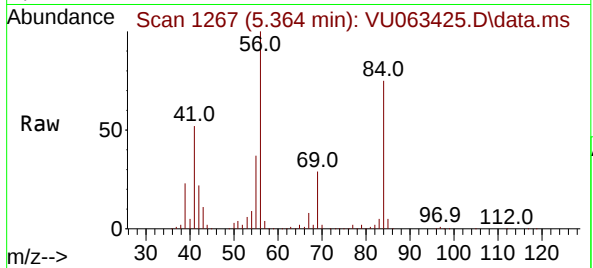




#19  
Cyclohexane  
Concen: 16.313 ug/l  
RT: 5.364 min Scan# 1266  
Delta R.T. 0.003 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

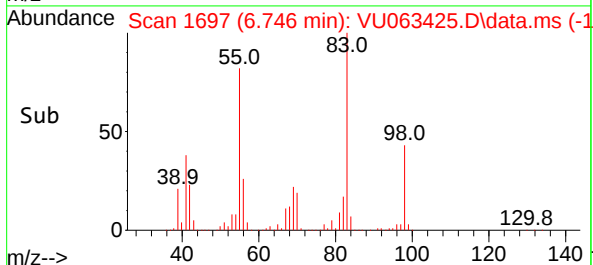
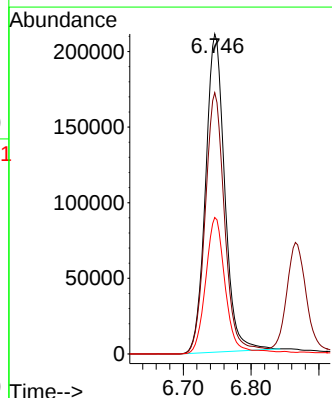
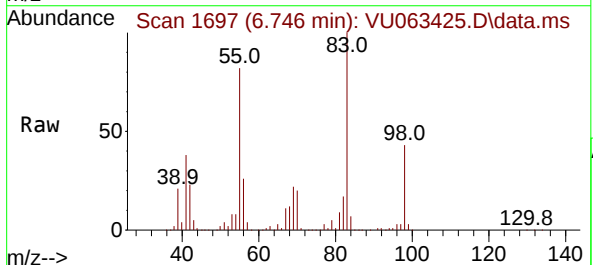
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

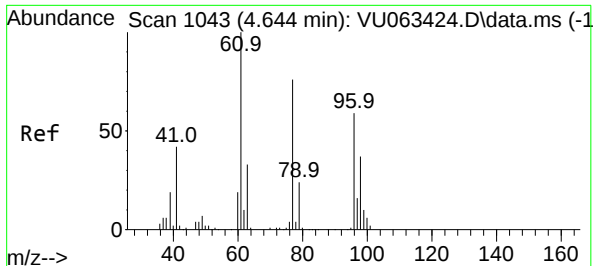
Tgt Ion: 56 Resp: 425245  
Ion Ratio Lower Upper  
56 100  
69 31.7 26.4 39.6  
84 79.2 68.6 102.8



#20  
Methylcyclohexane  
Concen: 17.161 ug/l  
RT: 6.746 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion: 83 Resp: 413365  
Ion Ratio Lower Upper  
83 100  
55 81.0 63.5 95.3  
98 41.6 34.2 51.4





#21

2,2-Dichloropropane

Concen: 15.119 ug/l

RT: 4.647 min Scan# 1043

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

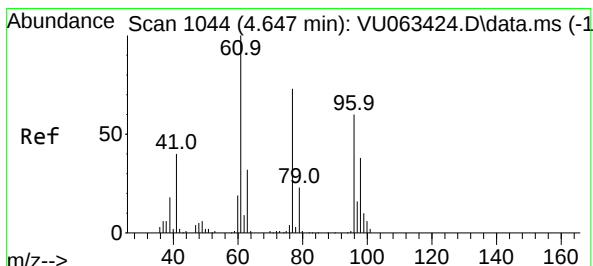
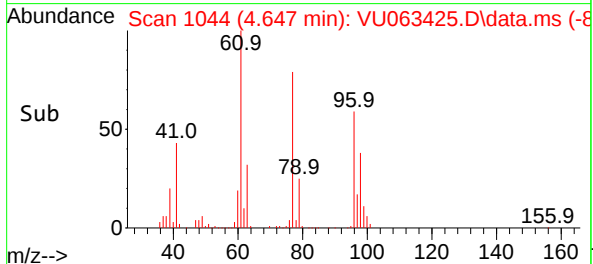
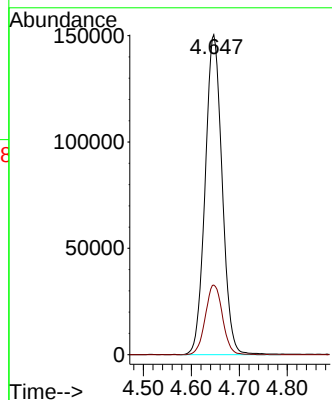
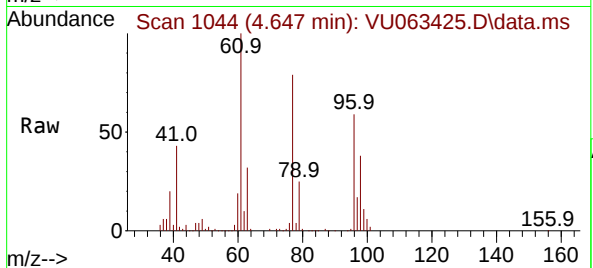
VSTDIC015

Tgt Ion: 77 Resp: 370265

Ion Ratio Lower Upper

77 100

97 22.0 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 14.616 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

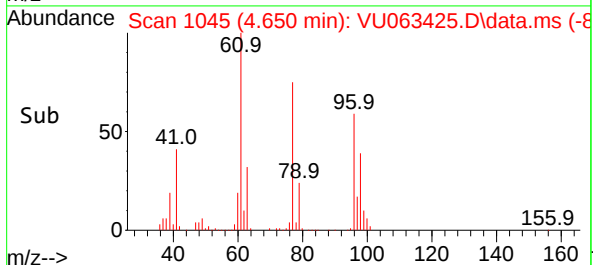
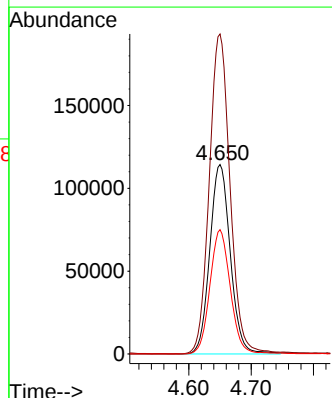
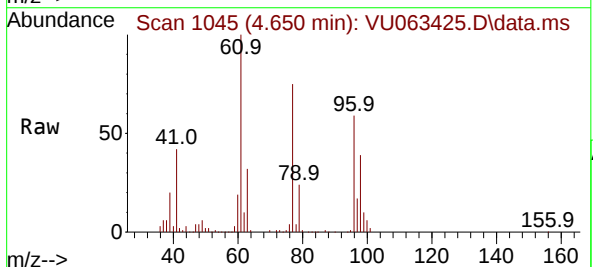
Tgt Ion: 96 Resp: 261791

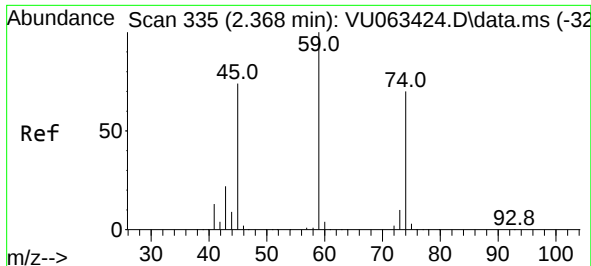
Ion Ratio Lower Upper

96 100

61 170.3 0.0 434.3

98 65.1 31.9 95.7

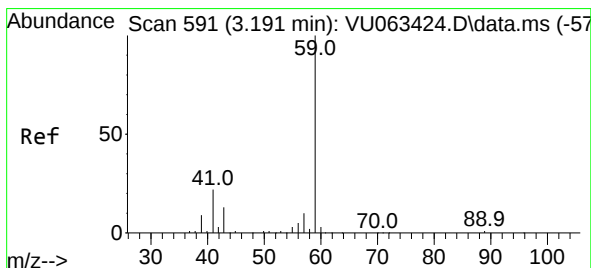
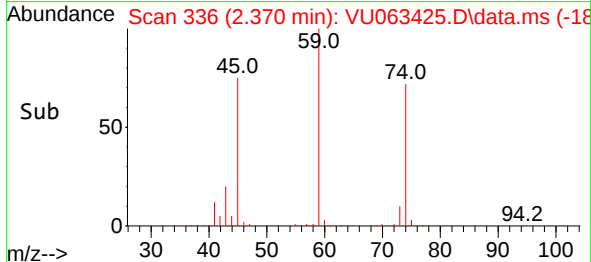
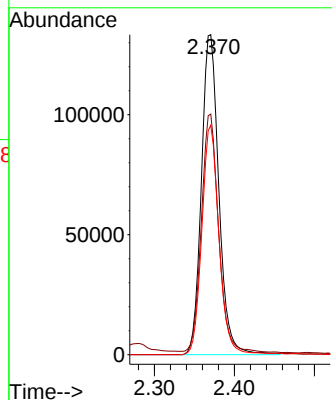
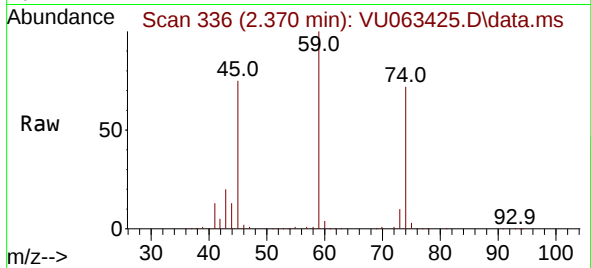




#23  
Diethyl Ether  
Concen: 15.423 ug/l  
RT: 2.370 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

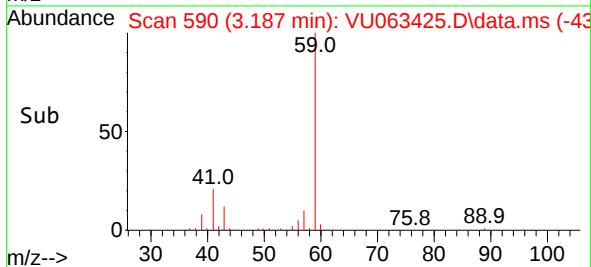
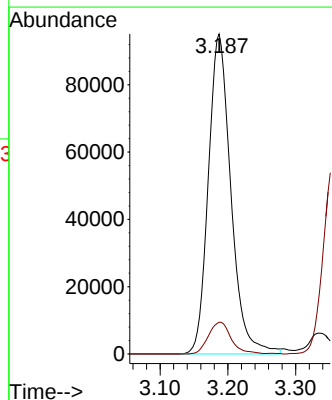
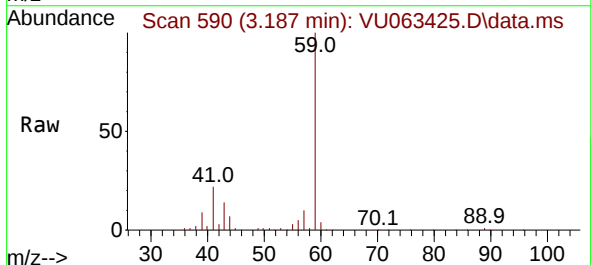
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

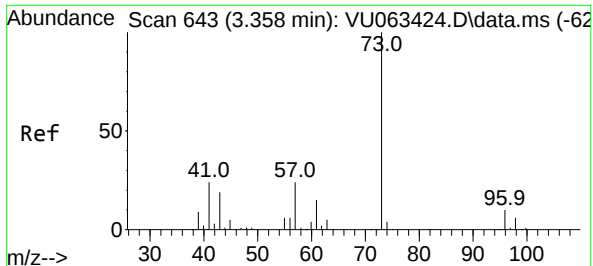
Tgt Ion: 59 Resp: 202958  
Ion Ratio Lower Upper  
59 100  
45 73.6 60.7 91.1  
74 70.2 55.8 83.6



#24  
tert-Butyl Alcohol  
Concen: 158.795 ug/l  
RT: 3.187 min Scan# 590  
Delta R.T. -0.004 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion: 59 Resp: 220125  
Ion Ratio Lower Upper  
59 100  
57 10.0 7.8 11.8

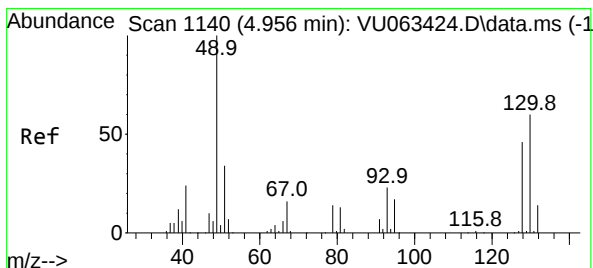
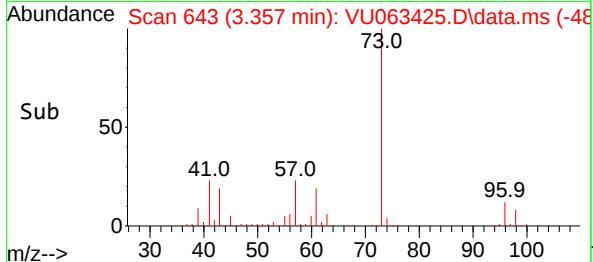
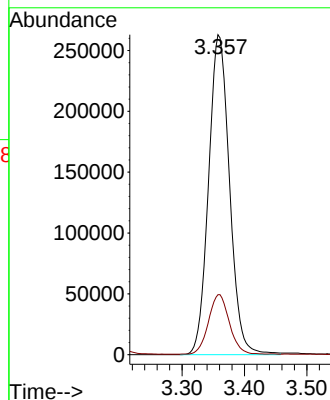
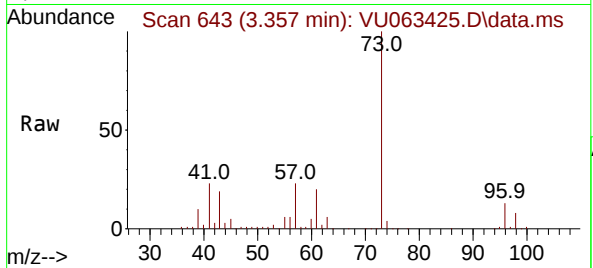




#25  
Methyl tert-Butyl Ether  
Concen: 15.482 ug/l  
RT: 3.357 min Scan# 64  
Delta R.T. -0.001 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

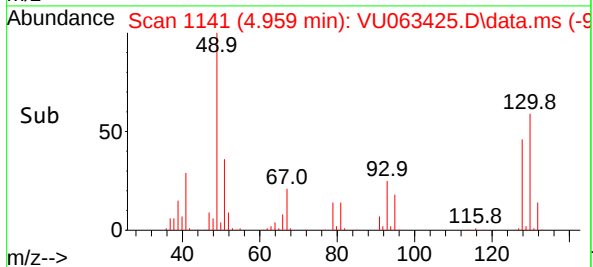
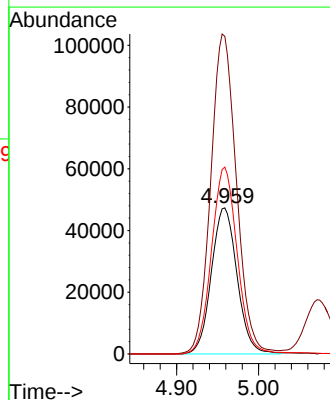
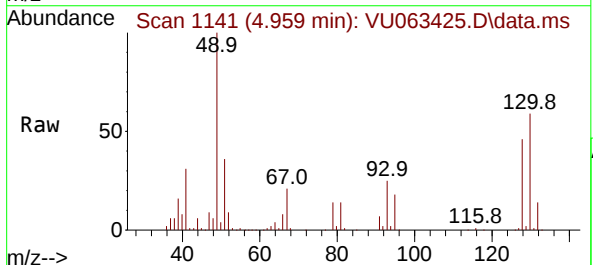
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

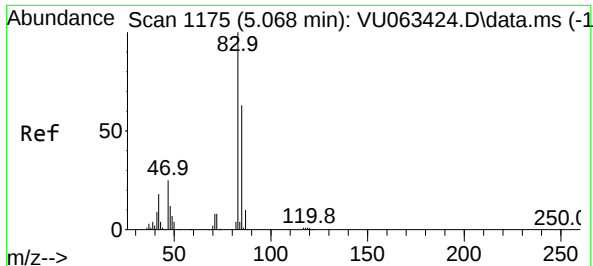
Tgt Ion: 73 Resp: 614070  
Ion Ratio Lower Upper  
73 100  
43 18.6 15.1 22.7



#26  
Bromochloromethane  
Concen: 14.815 ug/l  
RT: 4.959 min Scan# 1141  
Delta R.T. 0.003 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion: 128 Resp: 103279  
Ion Ratio Lower Upper  
128 100  
49 218.7 0.0 441.2  
130 128.0 102.3 153.5





#27

Chloroform

Concen: 14.538 ug/l

RT: 5.074 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

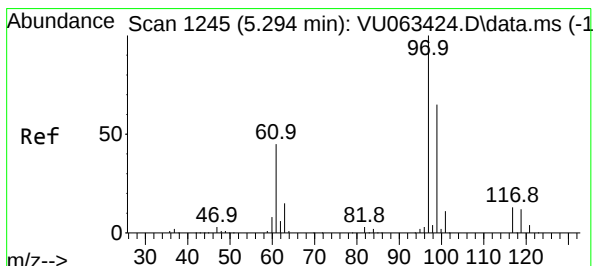
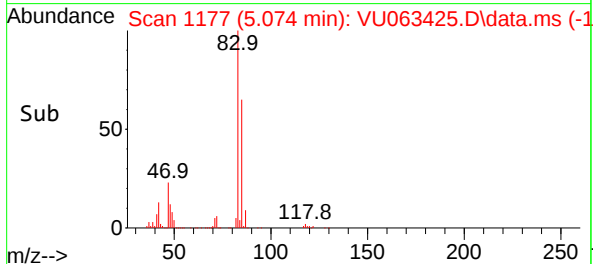
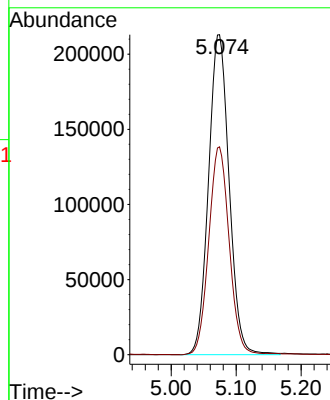
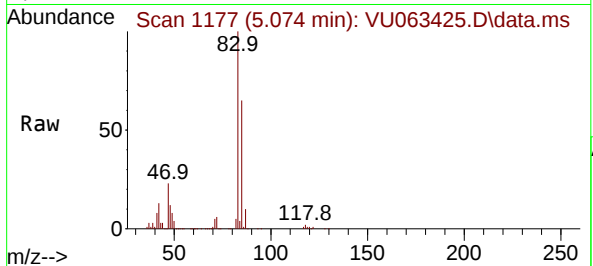
VSTDIC015

Tgt Ion: 83 Resp: 469579

Ion Ratio Lower Upper

83 100

85 64.9 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 14.703 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

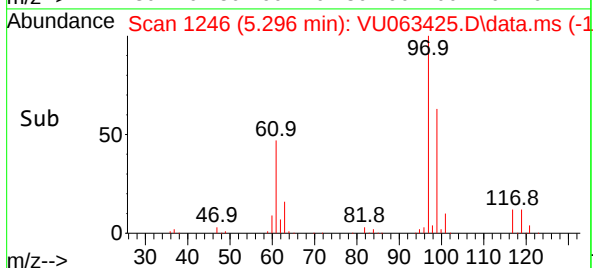
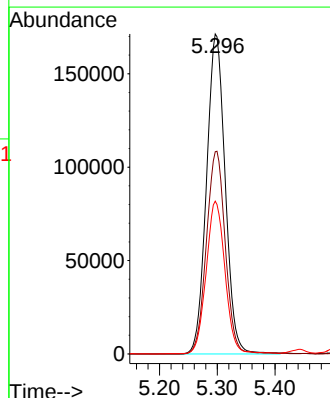
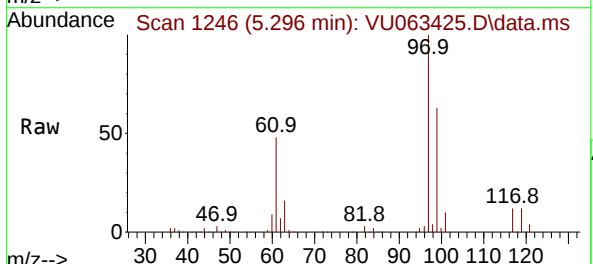
Tgt Ion: 97 Resp: 385099

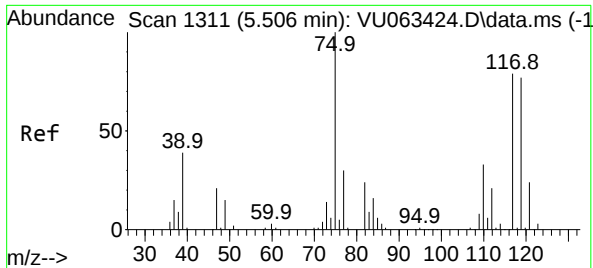
Ion Ratio Lower Upper

97 100

99 64.1 31.9 95.5

61 48.0 22.9 68.7

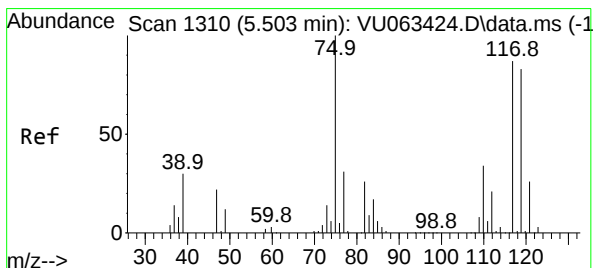
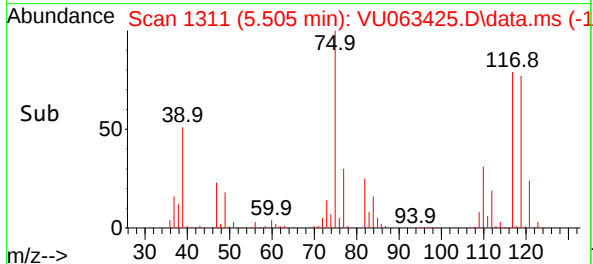
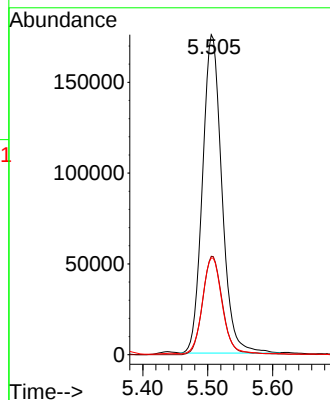
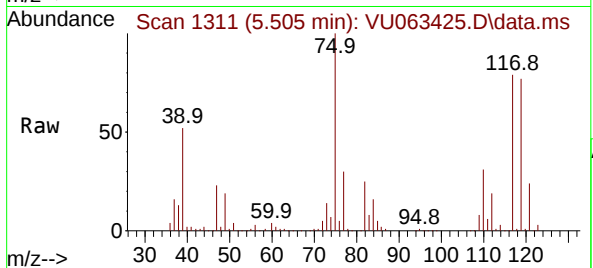




#29  
1,1-Dichloropropene  
Concen: 15.253 ug/l  
RT: 5.505 min Scan# 1311  
Delta R.T. -0.001 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

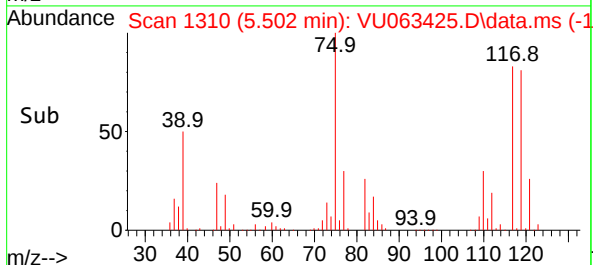
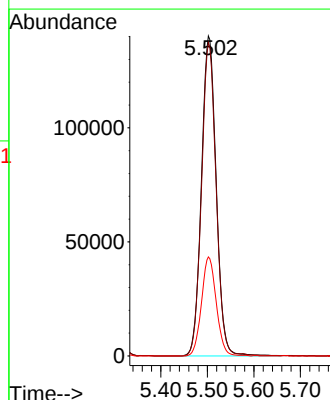
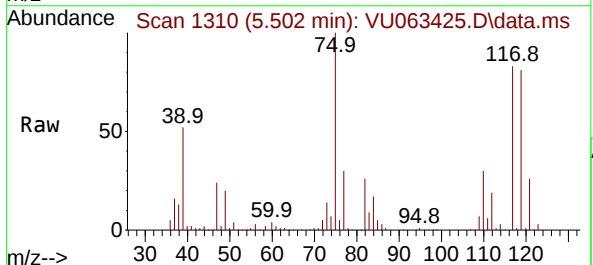
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

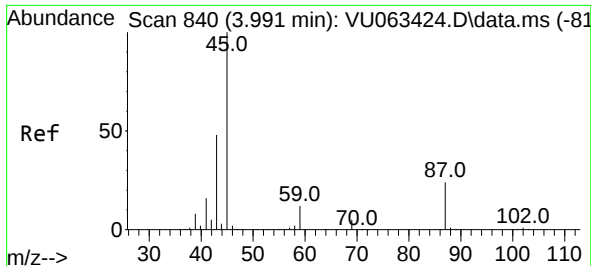
Tgt Ion: 75 Resp: 364936  
Ion Ratio Lower Upper  
75 100  
110 31.3 17.4 52.2  
77 30.3 25.4 38.0



#30  
Carbon Tetrachloride  
Concen: 14.796 ug/l  
RT: 5.502 min Scan# 1310  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion: 117 Resp: 309522  
Ion Ratio Lower Upper  
117 100  
119 97.9 76.7 115.1  
121 31.0 24.3 36.5

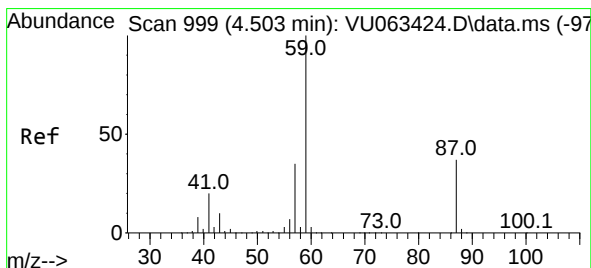
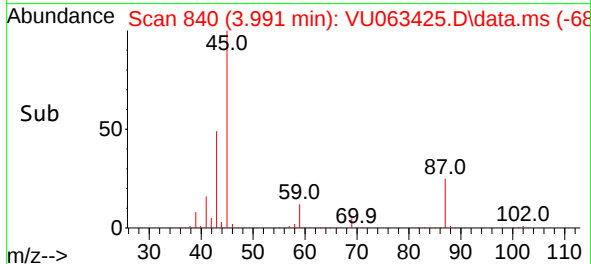
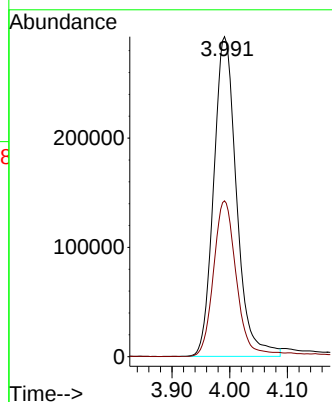
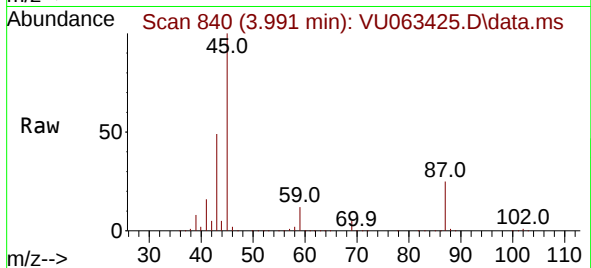




#31  
Isopropyl Ether  
Concen: 14.841 ug/l  
RT: 3.991 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

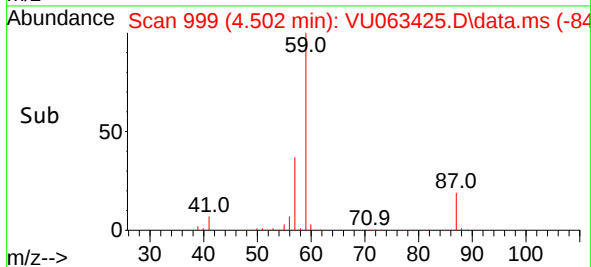
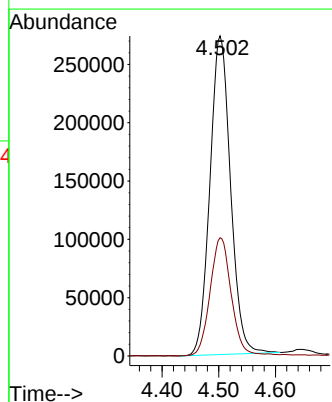
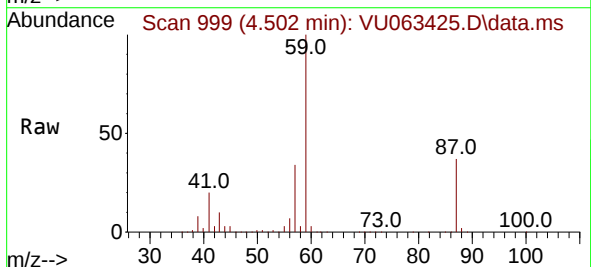
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

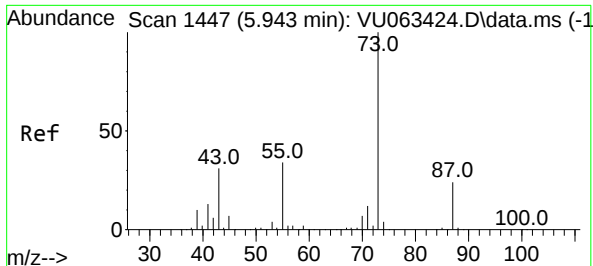
Tgt Ion: 45 Resp: 803593  
Ion Ratio Lower Upper  
45 100  
43 48.8 23.8 71.5



#32  
Ethyl-t-butyl ether  
Concen: 15.126 ug/l  
RT: 4.502 min Scan# 999  
Delta R.T. -0.001 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion: 59 Resp: 689759  
Ion Ratio Lower Upper  
59 100  
87 36.9 29.9 44.9

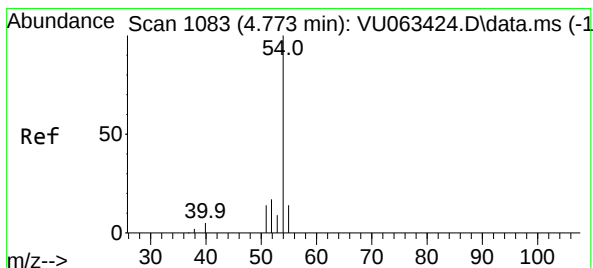
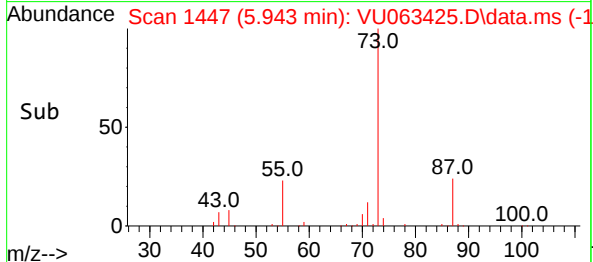
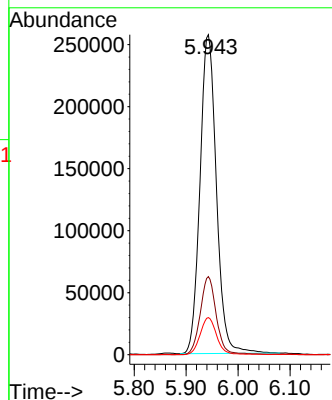
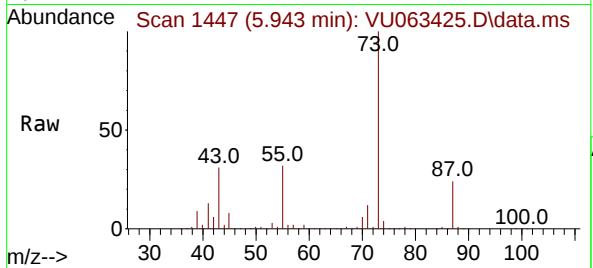




#33  
Tert-Amyl methyl ether  
Concen: 17.293 ug/l  
RT: 5.943 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

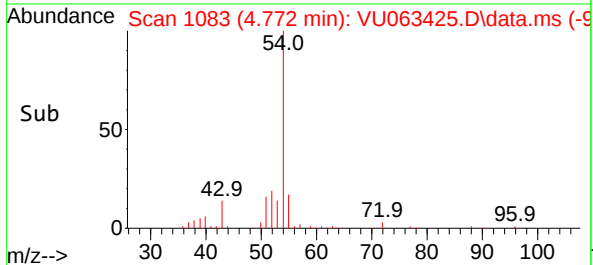
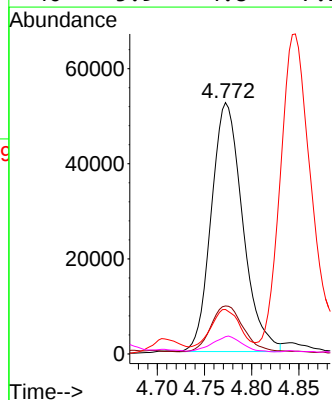
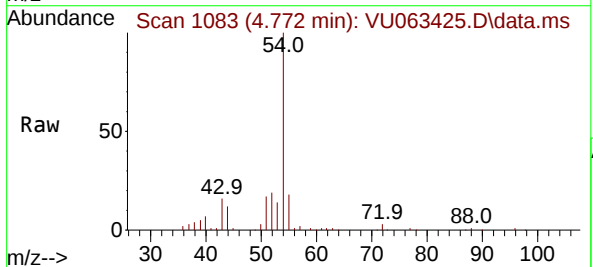
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

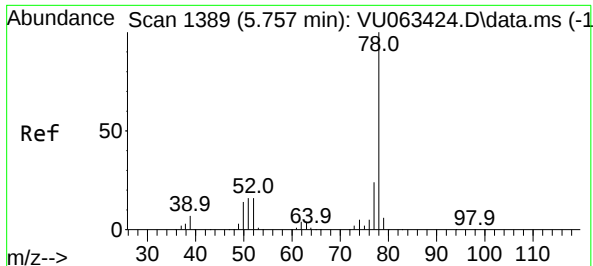
Tgt Ion: 73 Resp: 563733  
Ion Ratio Lower Upper  
73 100  
87 23.7 18.1 27.1  
71 11.4 10.0 15.0



#34  
Propionitrile  
Concen: 71.011 ug/l  
RT: 4.772 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion: 54 Resp: 120791  
Ion Ratio Lower Upper  
54 100  
52 18.8 14.8 22.2  
55 17.2 12.2 18.2  
40 5.9 4.8 7.2

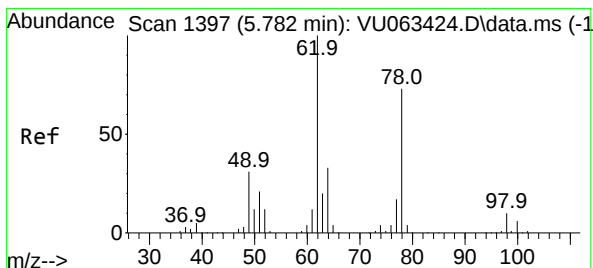
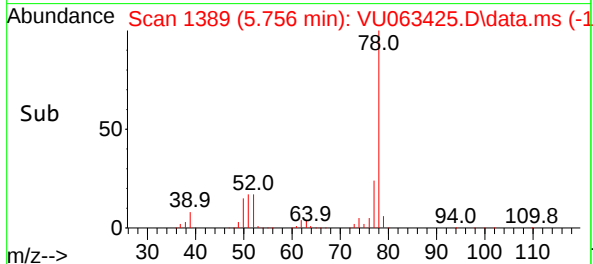
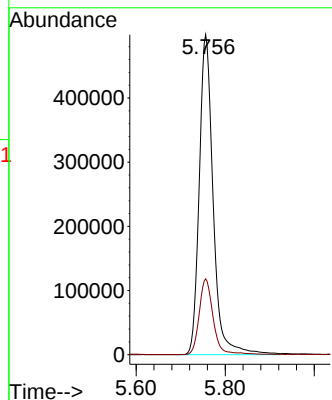
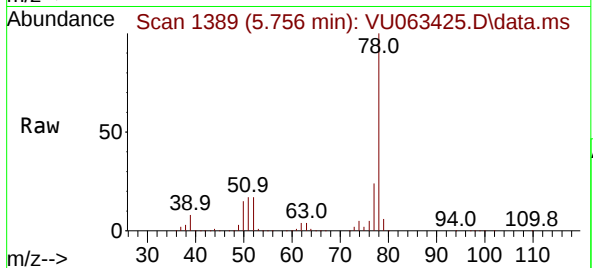




#35  
Benzene  
Concen: 14.970 ug/l  
RT: 5.756 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

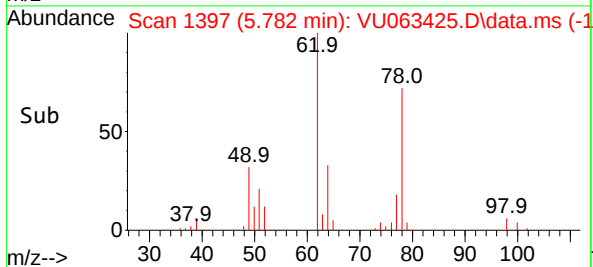
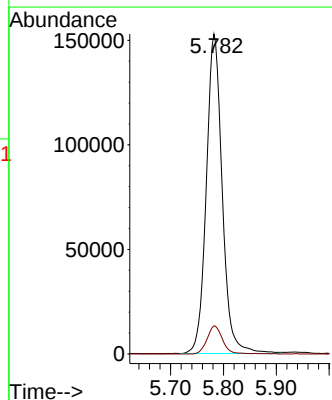
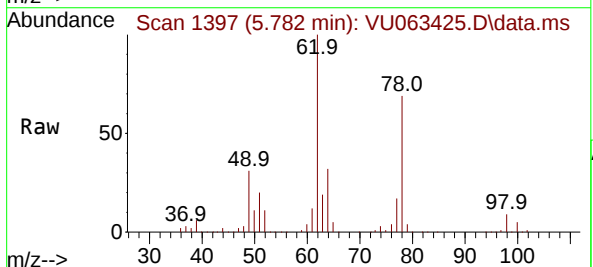
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

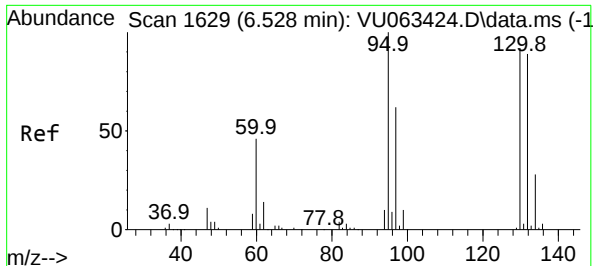
Tgt Ion: 78 Resp: 1083494  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.4 29.2



#36  
1,2-Dichloroethane  
Concen: 15.139 ug/l  
RT: 5.782 min Scan# 1397  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion: 62 Resp: 320302  
Ion Ratio Lower Upper  
62 100  
98 8.5 7.1 10.7





#37

Trichloroethene

Concen: 15.488 ug/l

RT: 6.528 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

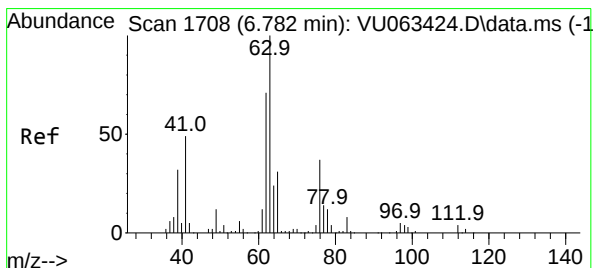
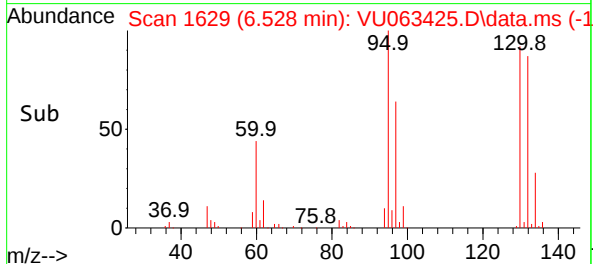
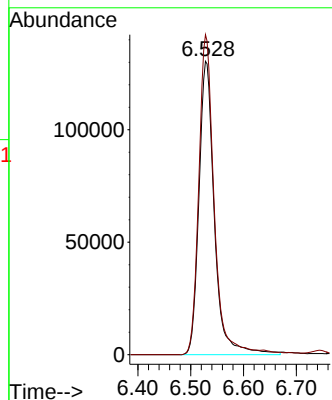
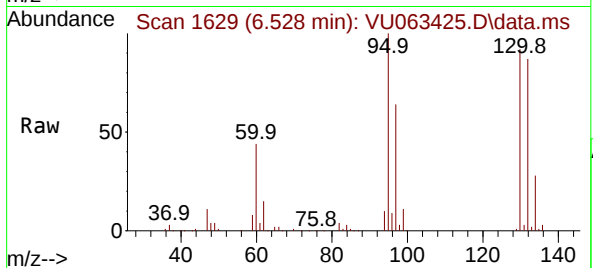
VSTDIC015

Tgt Ion:130 Resp: 264898

Ion Ratio Lower Upper

130 100

95 109.1 87.2 130.8



#38

1,2-Dichloropropane

Concen: 15.828 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VU063425.D

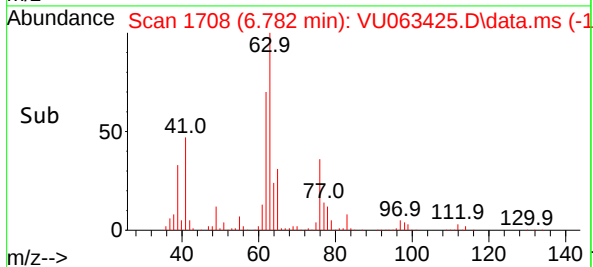
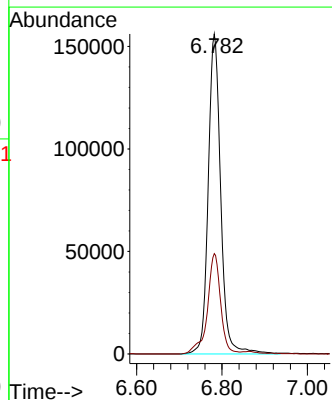
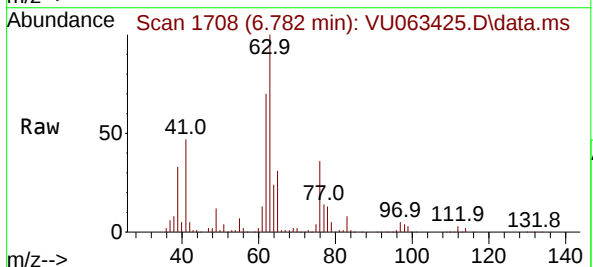
Acq: 23 Jun 2025 13:05

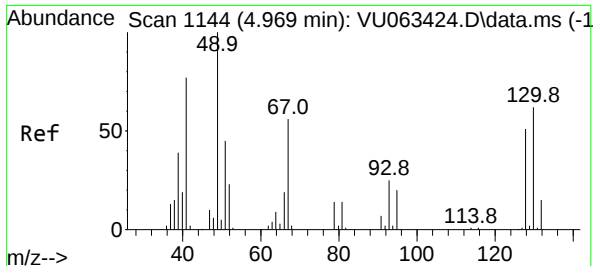
Tgt Ion: 63 Resp: 316392

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.6





#39

Methacrylonitrile

Concen: 14.497 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

Tgt Ion: 41 Resp: 102606

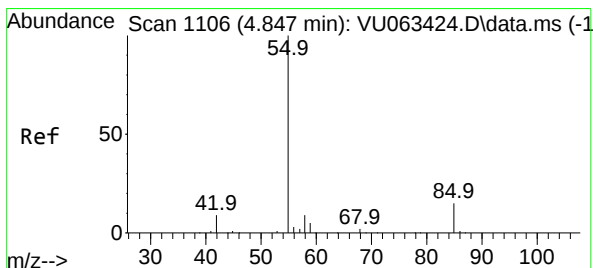
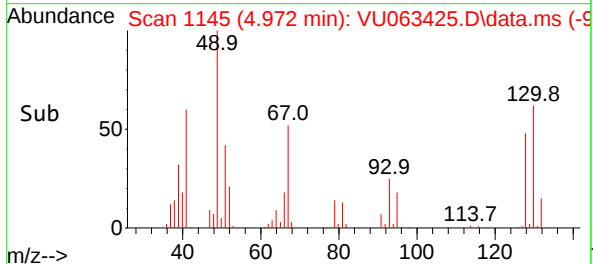
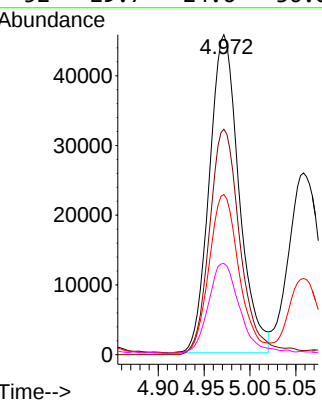
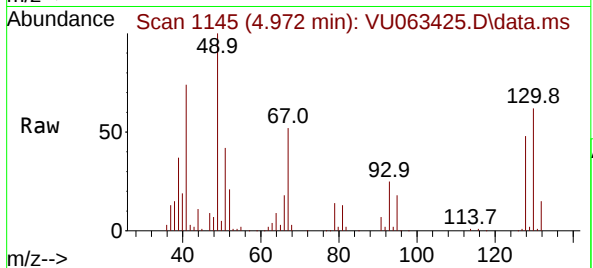
Ion Ratio Lower Upper

41 100

67 73.7 59.8 89.8

39 50.4 40.7 61.1

52 29.7 24.6 36.8



#40

Methyl acrylate

Concen: 16.324 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Tgt Ion: 55 Resp: 162541

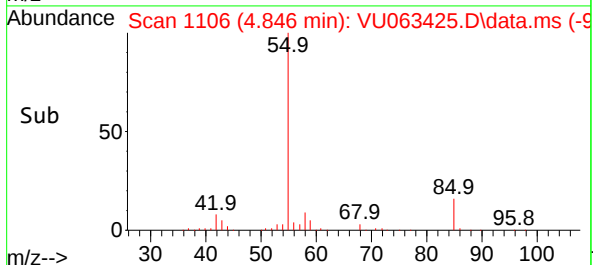
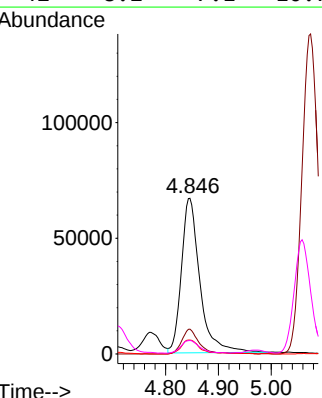
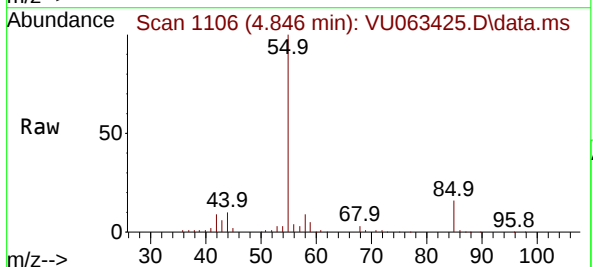
Ion Ratio Lower Upper

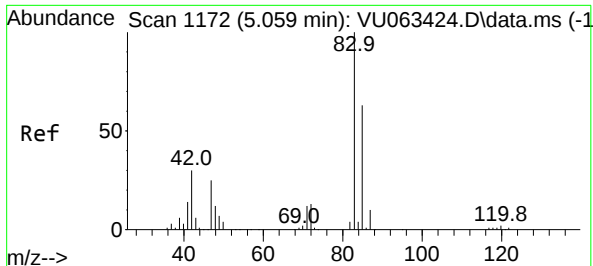
55 100

85 14.5 12.6 19.0

58 9.2 6.9 10.3

42 8.2 7.1 10.7





#41

Tetrahydrofuran

Concen: 28.267 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

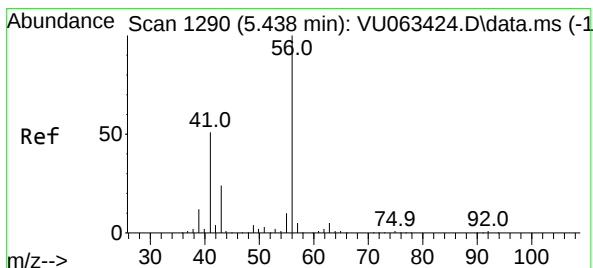
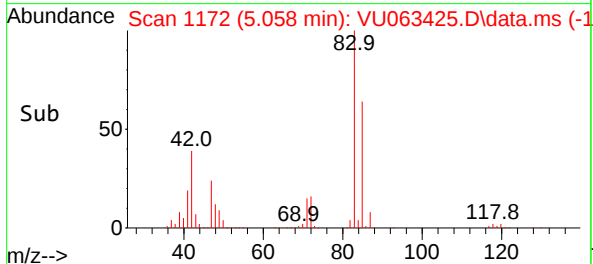
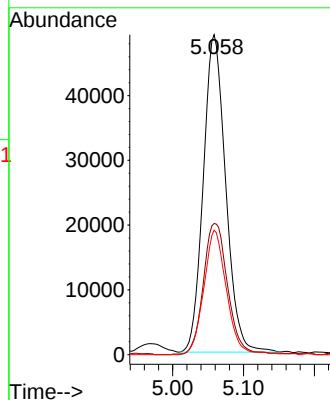
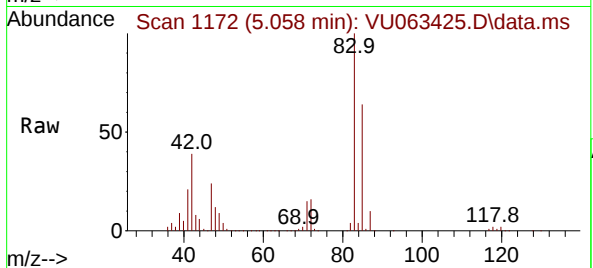
Tgt Ion: 42 Resp: 107618

Ion Ratio Lower Upper

42 100

72 45.1 35.4 53.2

71 39.6 31.4 47.0



#42

1-Chlorobutane

Concen: 16.141 ug/l

RT: 5.441 min Scan# 1291

Delta R.T. 0.003 min

Lab File: VU063425.D

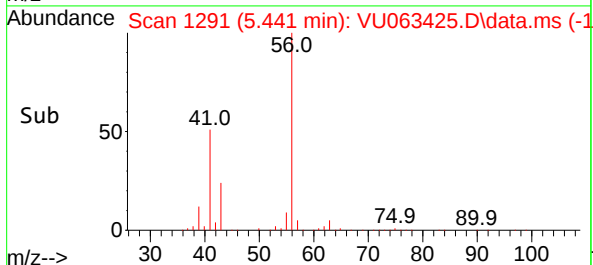
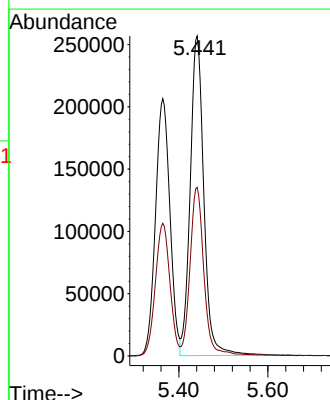
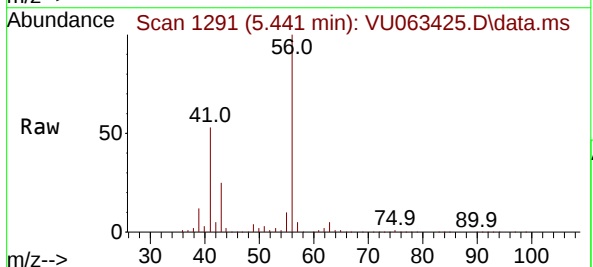
Acq: 23 Jun 2025 13:05

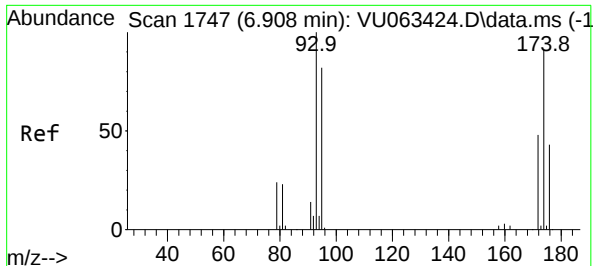
Tgt Ion: 56 Resp: 547855

Ion Ratio Lower Upper

56 100

41 52.6 26.4 79.0

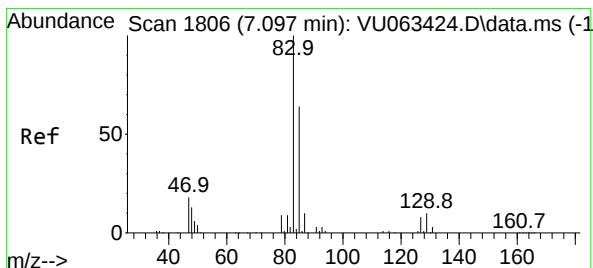
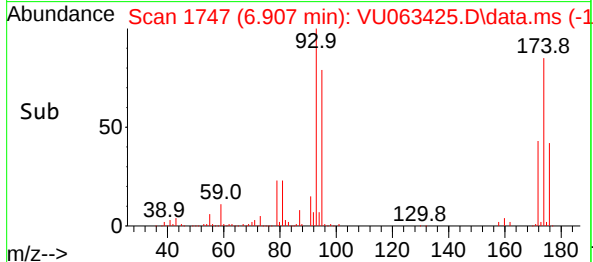
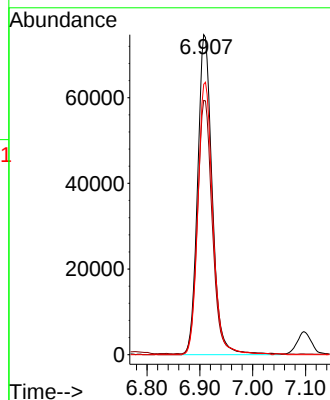
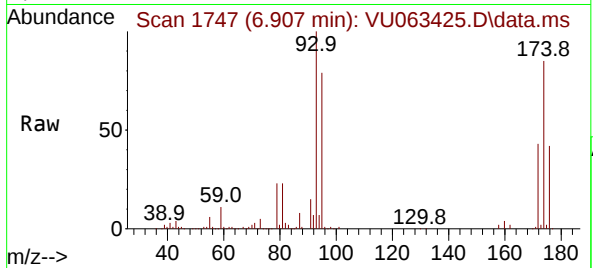




#43  
Dibromomethane  
Concen: 15.348 ug/l  
RT: 6.907 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

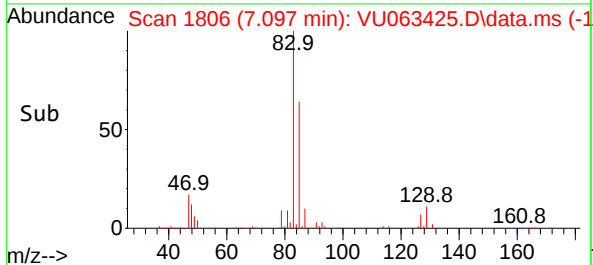
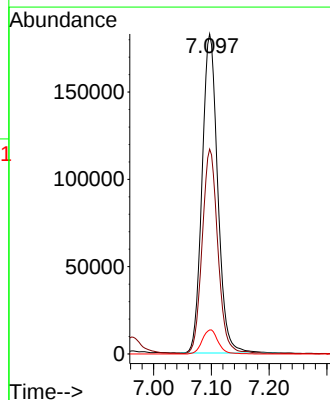
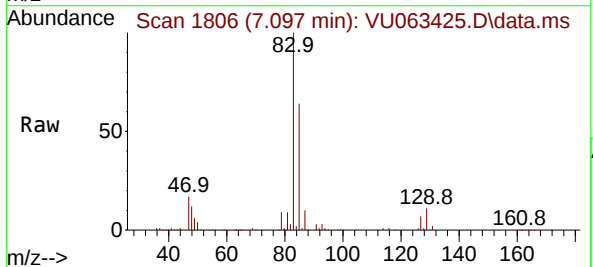
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

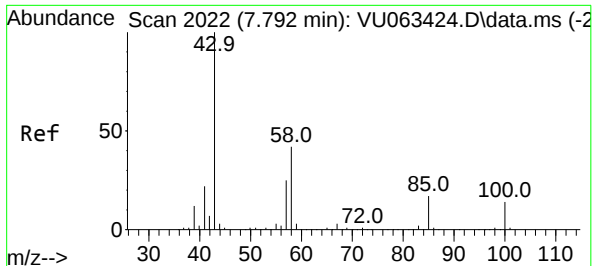
Tgt Ion: 93 Resp: 143318  
Ion Ratio Lower Upper  
93 100  
95 79.8 66.7 100.1  
174 86.0 71.1 106.7



#44  
Bromodichloromethane  
Concen: 15.096 ug/l  
RT: 7.097 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion: 83 Resp: 343381  
Ion Ratio Lower Upper  
83 100  
85 64.0 51.4 77.2  
127 7.5 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 87.043 ug/l

RT: 7.795 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC015

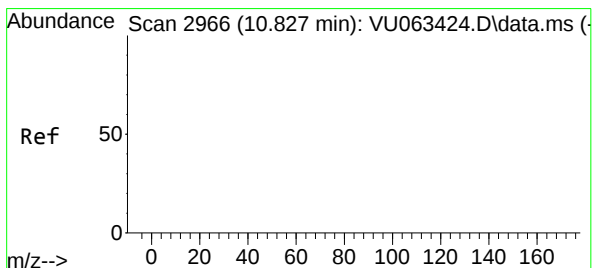
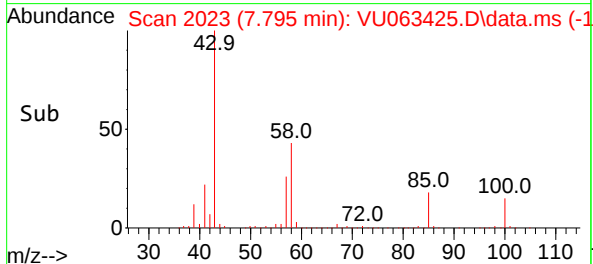
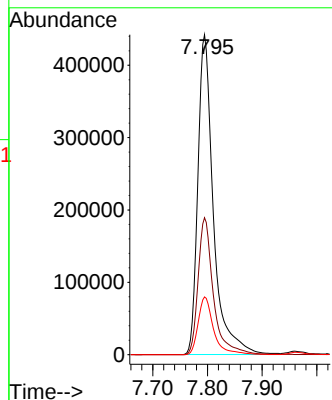
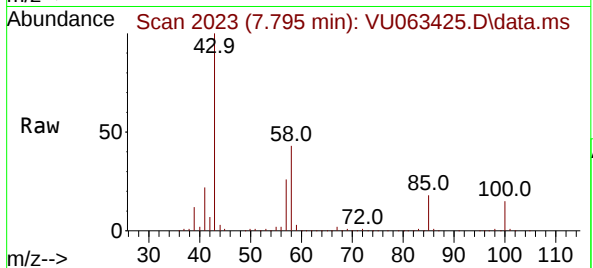
Tgt Ion: 43 Resp: 872495

Ion Ratio Lower Upper

43 100

58 42.2 20.5 61.6

85 18.0 14.2 21.2



#46

t-1,4-Dichloro-2-butene

Concen: 88.662 ug/l

RT: 10.817 min Scan# 2963

Delta R.T. -0.010 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Tgt Ion: 75 Resp: 283682

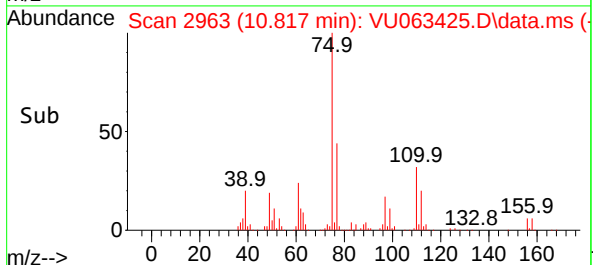
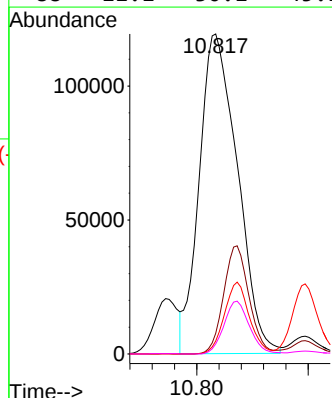
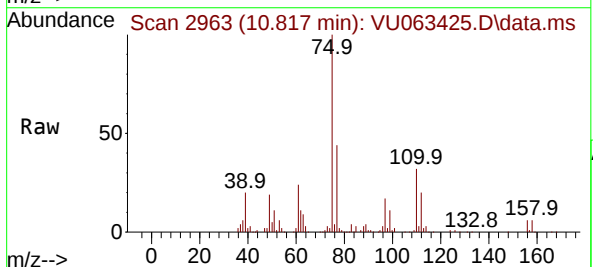
Ion Ratio Lower Upper

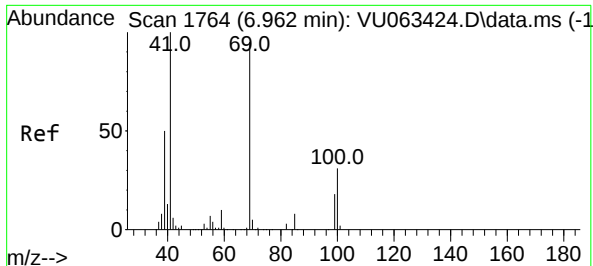
75 100

53 22.6 61.4 92.2#

89 14.8 39.2 58.8#

88 11.1 30.1 45.1#





#47

Methyl methacrylate

Concen: 30.195 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

Tgt Ion: 69 Resp: 272864

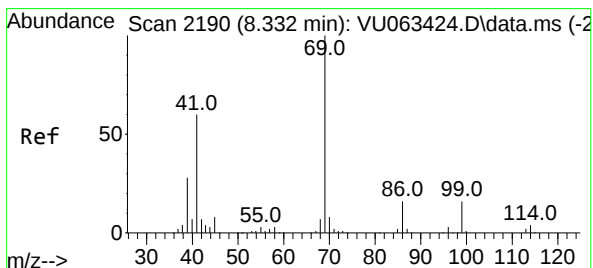
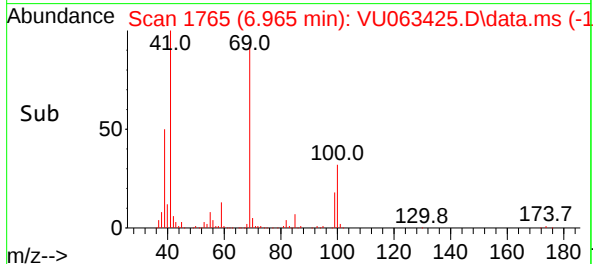
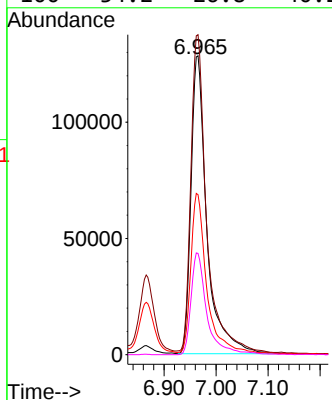
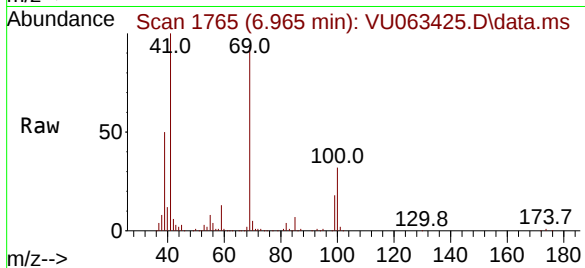
Ion Ratio Lower Upper

69 100

41 105.8 0.0 212.6

39 54.5 40.6 61.0

100 34.2 26.8 40.2



#48

Ethyl methacrylate

Concen: 14.986 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. -0.000 min

Lab File: VU063425.D

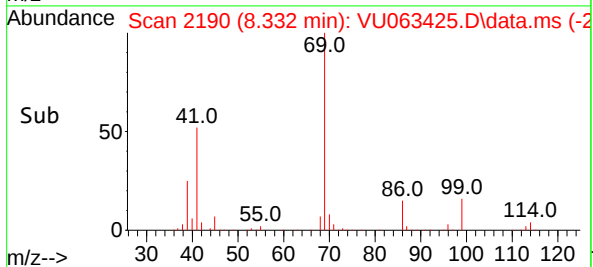
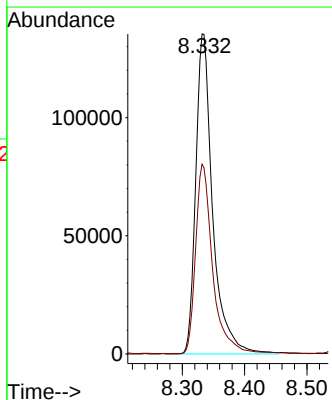
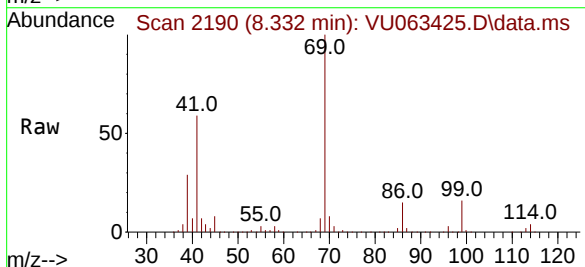
Acq: 23 Jun 2025 13:05

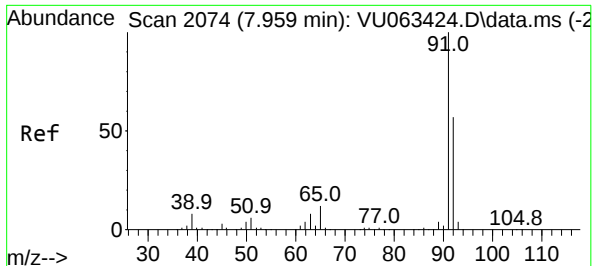
Tgt Ion: 69 Resp: 255214

Ion Ratio Lower Upper

69 100

41 59.6 30.6 92.0





#49

Toluene

Concen: 17.153 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

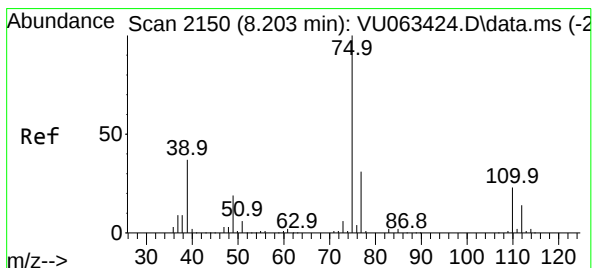
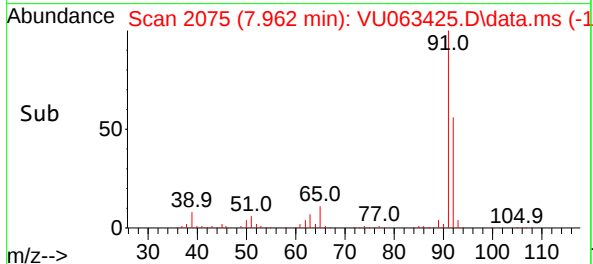
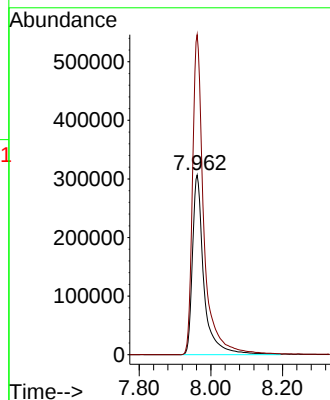
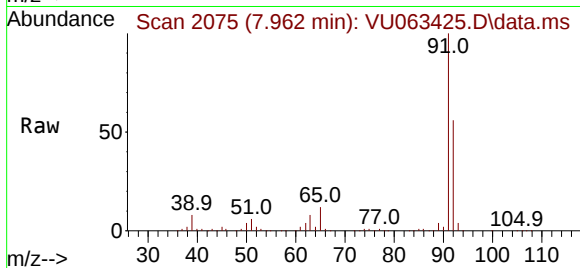
VSTDIC015

Tgt Ion: 92 Resp: 681570

Ion Ratio Lower Upper

92 100

91 177.3 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 18.459 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU063425.D

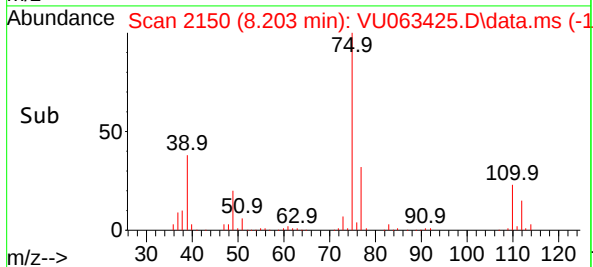
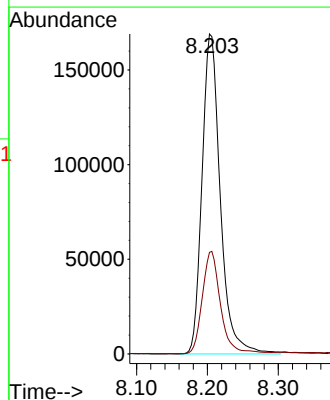
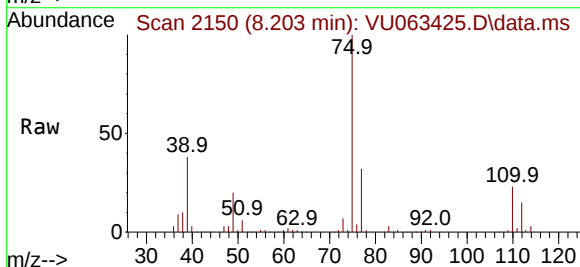
Acq: 23 Jun 2025 13:05

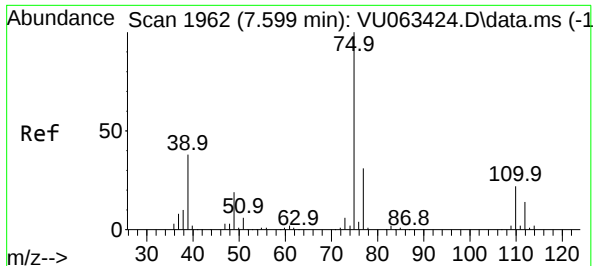
Tgt Ion: 75 Resp: 302780

Ion Ratio Lower Upper

75 100

77 31.6 24.5 36.7





#51

cis-1,3-Dichloropropene

Concen: 17.841 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

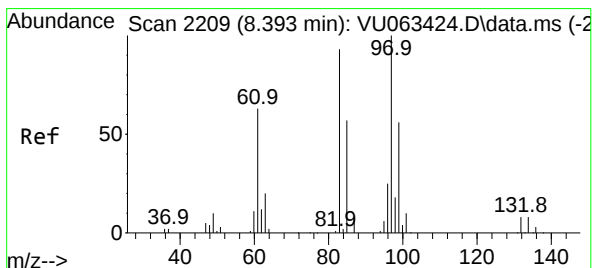
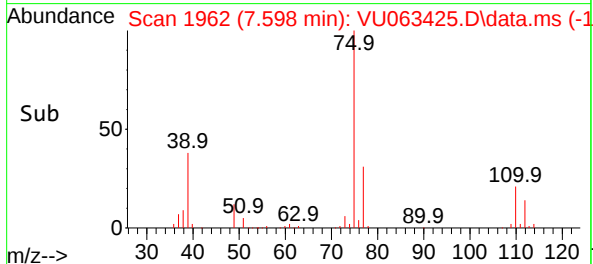
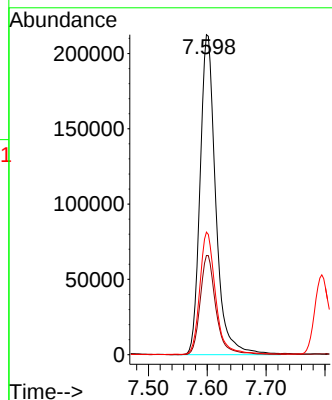
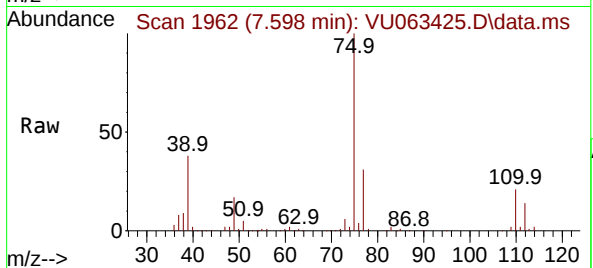
Tgt Ion: 75 Resp: 393078

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

39 38.2 30.7 46.1



#52

1,1,2-Trichloroethane

Concen: 15.357 ug/l

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Tgt Ion: 97 Resp: 209627

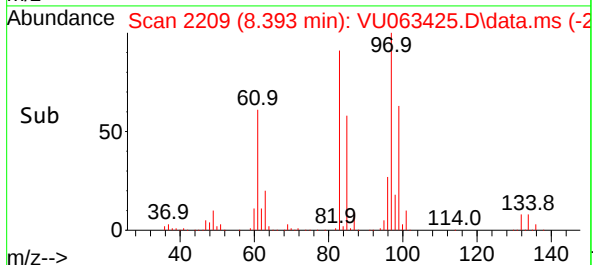
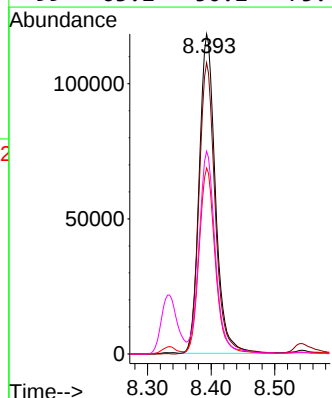
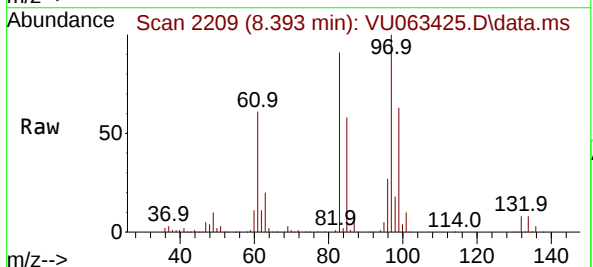
Ion Ratio Lower Upper

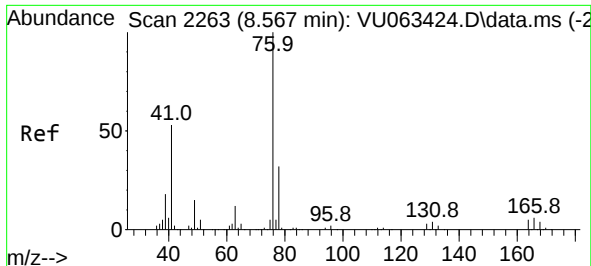
97 100

83 91.0 74.1 111.1

85 58.0 45.8 68.8

99 63.2 50.2 75.4





#53

1,3-Dichloropropane

Concen: 15.696 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

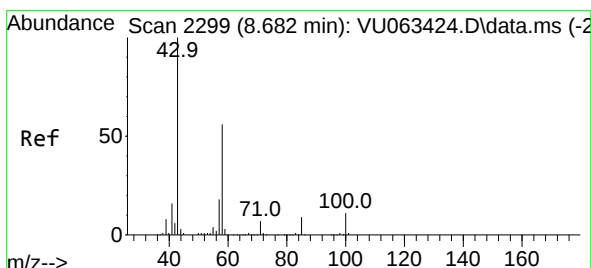
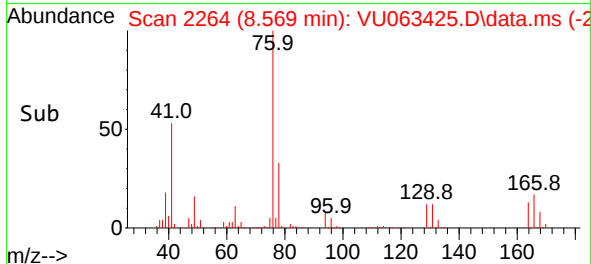
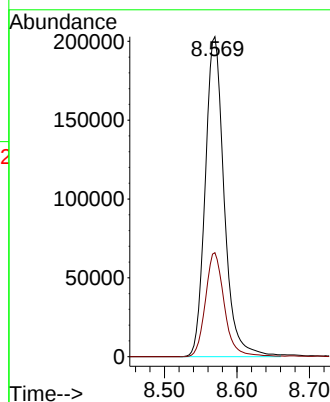
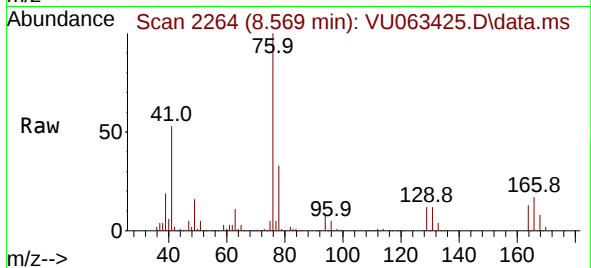
VSTDIC015

Tgt Ion: 76 Resp: 368628

Ion Ratio Lower Upper

76 100

78 32.5 25.7 38.5



#54

2-Hexanone

Concen: 75.090 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

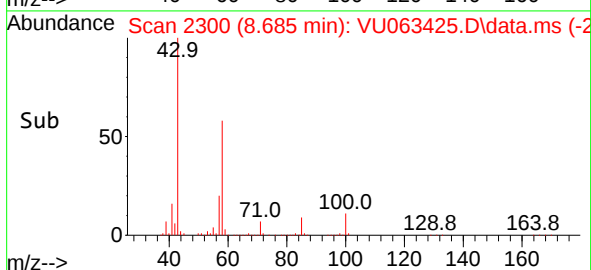
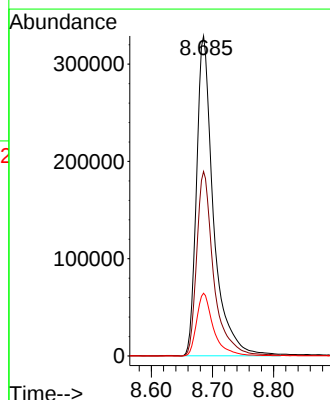
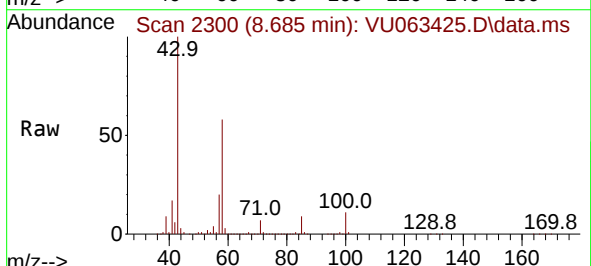
Tgt Ion: 43 Resp: 632599

Ion Ratio Lower Upper

43 100

58 58.2 36.9 76.9

57 19.7 0.0 38.8





#55

Dibromochloromethane

Concen: 16.200 ug/l

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

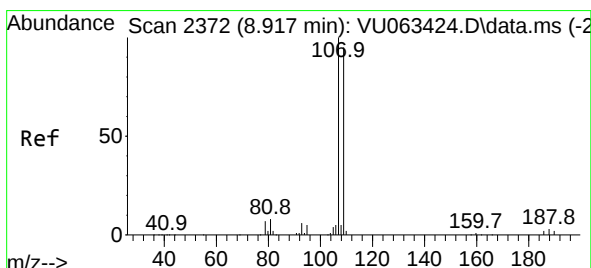
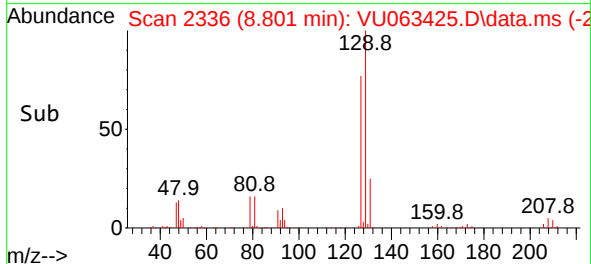
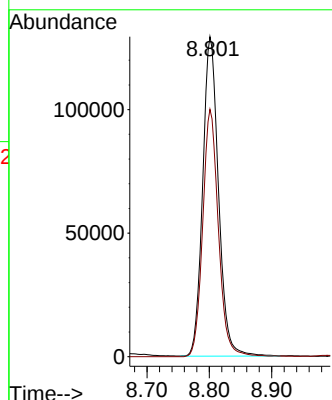
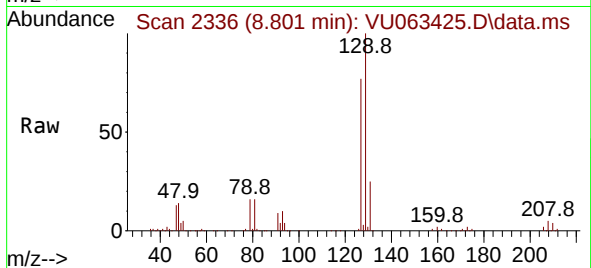
VSTDIC015

Tgt Ion:129 Resp: 228158

Ion Ratio Lower Upper

129 100

127 76.7 62.6 93.8



#56

1,2-Dibromoethane

Concen: 15.258 ug/l

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

Lab File: VU063425.D

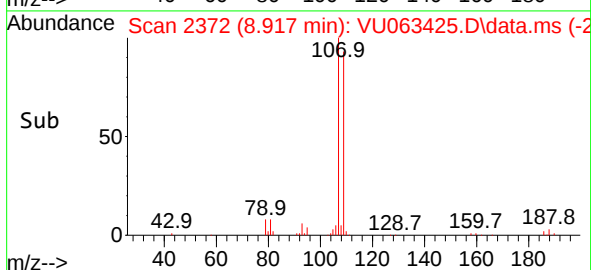
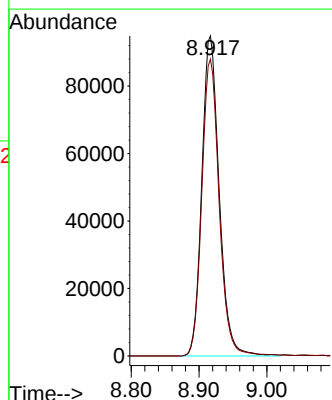
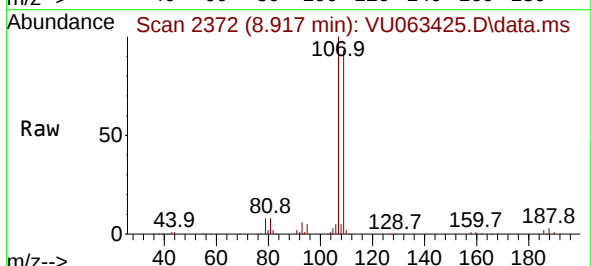
Acq: 23 Jun 2025 13:05

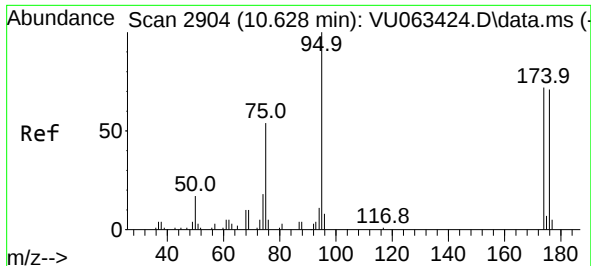
Tgt Ion:107 Resp: 168843

Ion Ratio Lower Upper

107 100

109 92.4 0.0 188.0

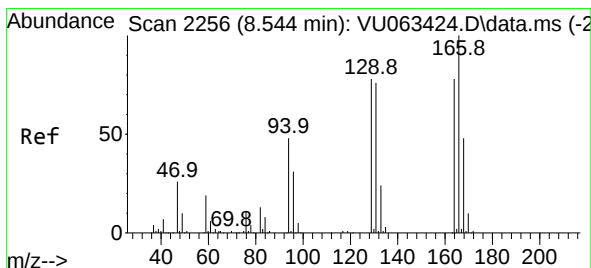
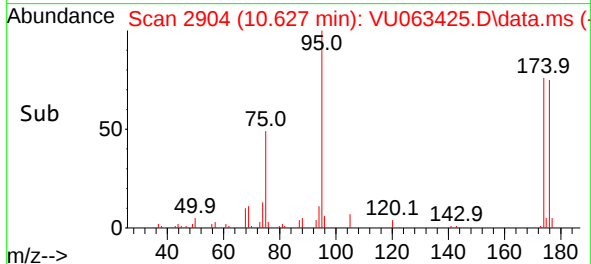
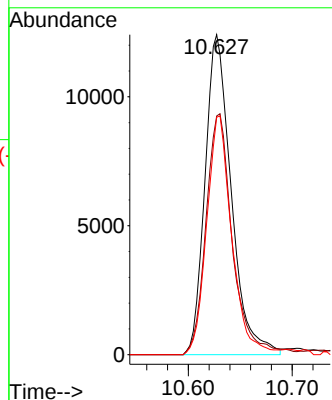
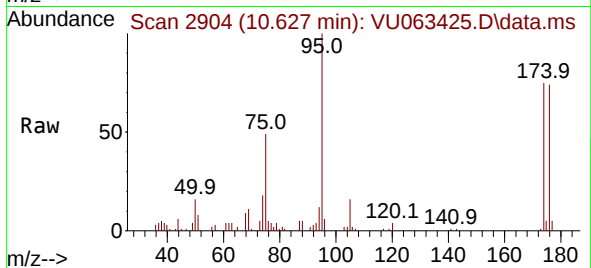




#57  
4-Bromofluorobenzene  
Concen: 1.067 ug/l  
RT: 10.627 min Scan# 2904  
Delta R.T. -0.001 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

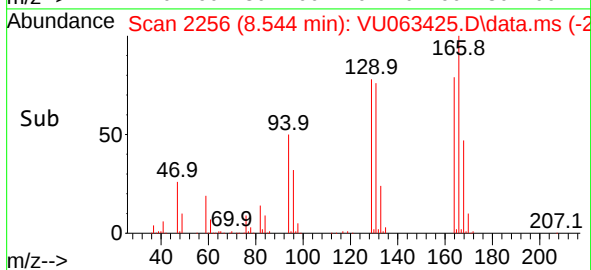
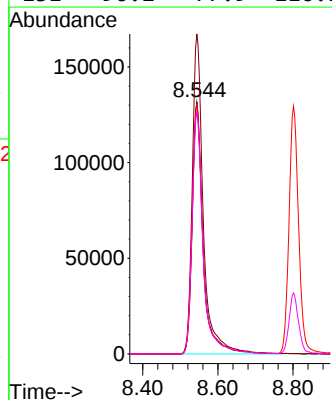
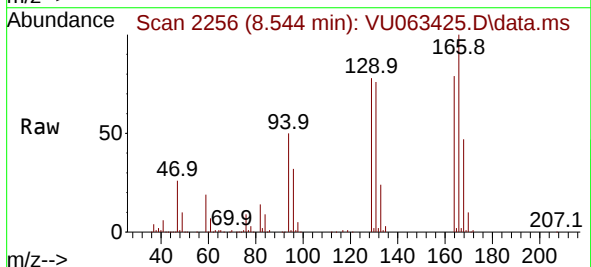
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

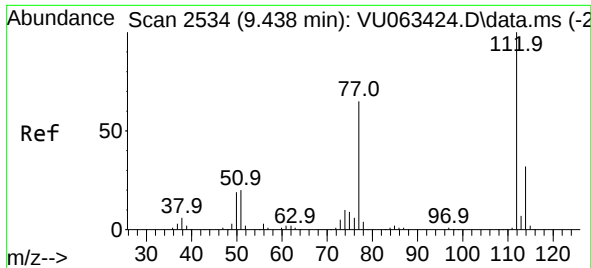
Tgt Ion: 95 Resp: 21764  
Ion Ratio Lower Upper  
95 100  
174 76.1 59.4 89.2  
176 71.5 57.8 86.6



#58  
Tetrachloroethene  
Concen: 15.920 ug/l  
RT: 8.544 min Scan# 2256  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion:164 Resp: 267118  
Ion Ratio Lower Upper  
164 100  
166 127.2 102.8 154.2  
129 99.2 80.2 120.2  
131 96.2 77.9 116.9





#59

Chlorobenzene

Concen: 16.367 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

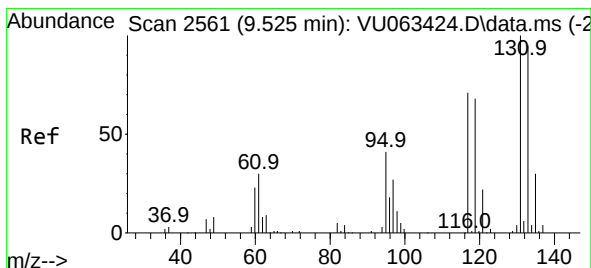
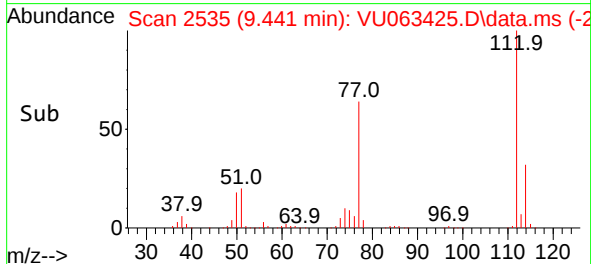
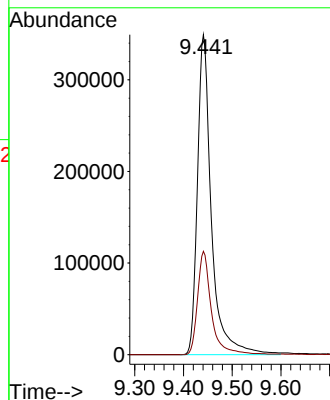
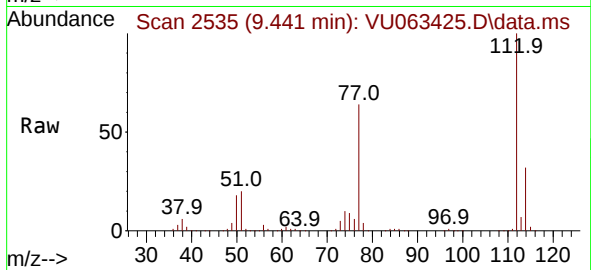
VSTDIC015

Tgt Ion:112 Resp: 696251

Ion Ratio Lower Upper

112 100

114 32.3 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 15.394 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

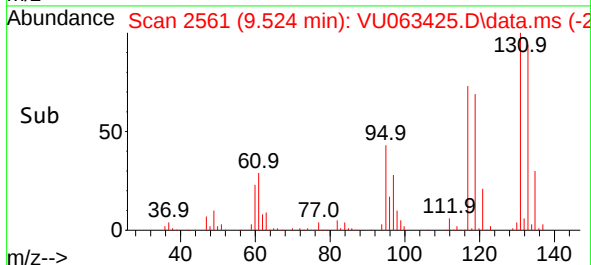
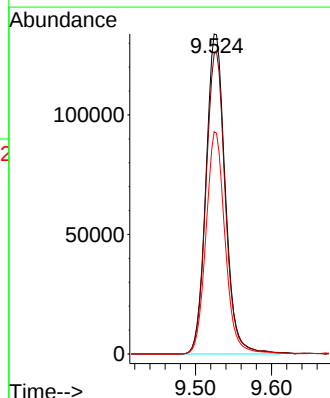
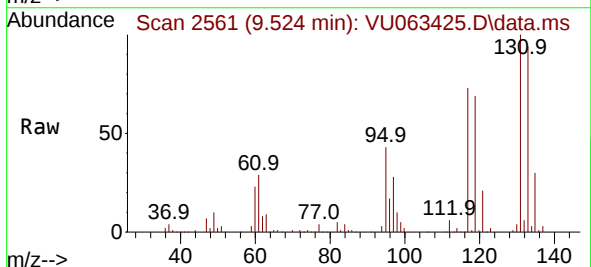
Tgt Ion:131 Resp: 235721

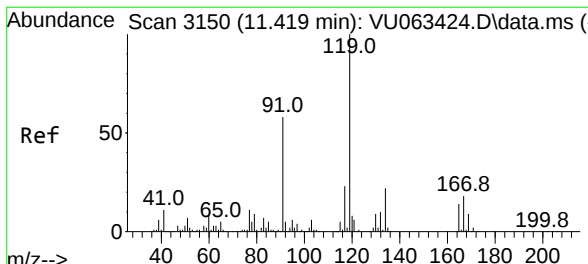
Ion Ratio Lower Upper

131 100

133 94.3 76.1 114.1

119 69.1 53.7 80.5

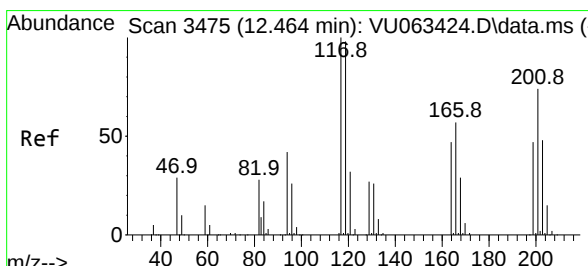
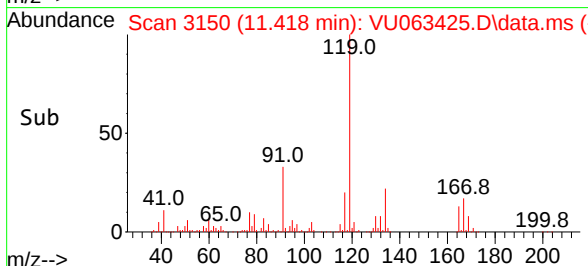
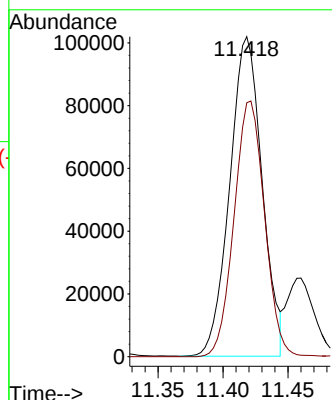
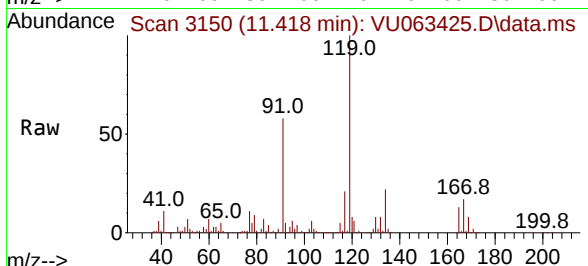




#61  
 Pentachloroethane  
 Concen: 14.158 ug/l  
 RT: 11.418 min Scan# 3150  
 Delta R.T. -0.001 min  
 Lab File: VU063425.D  
 Acq: 23 Jun 2025 13:05

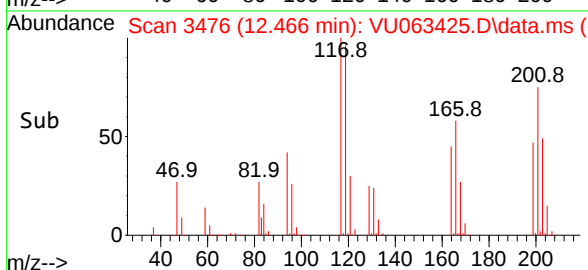
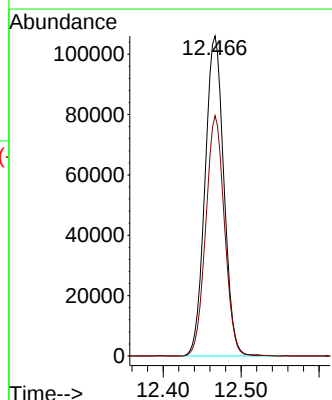
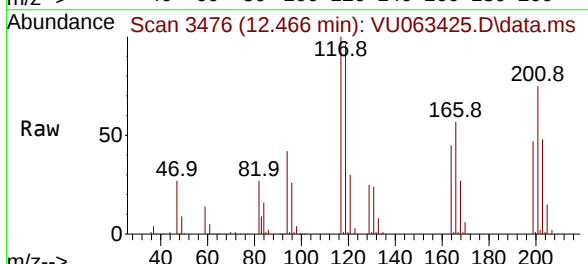
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

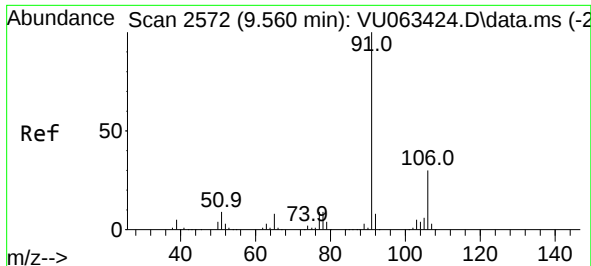
Tgt Ion:117 Resp: 176614  
 Ion Ratio Lower Upper  
 117 100  
 167 75.5 58.1 87.1



#62  
 Hexachloroethane  
 Concen: 15.875 ug/l  
 RT: 12.466 min Scan# 3476  
 Delta R.T. 0.003 min  
 Lab File: VU063425.D  
 Acq: 23 Jun 2025 13:05

Tgt Ion:117 Resp: 178100  
 Ion Ratio Lower Upper  
 117 100  
 201 74.4 60.4 90.6





#63

Ethyl Benzene

Concen: 18.287 ug/l

RT: 9.563 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

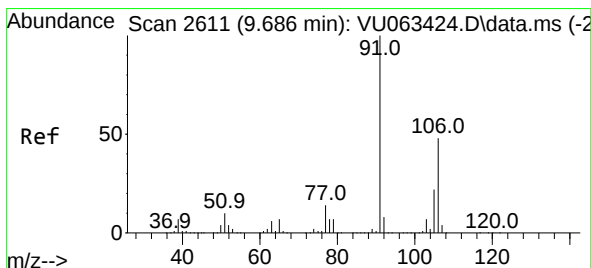
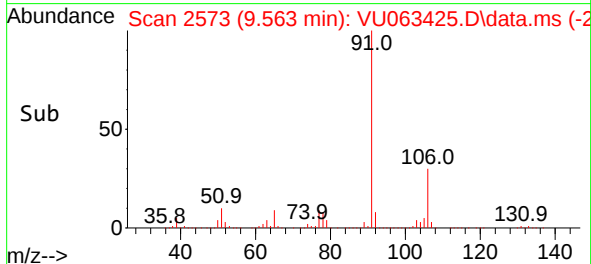
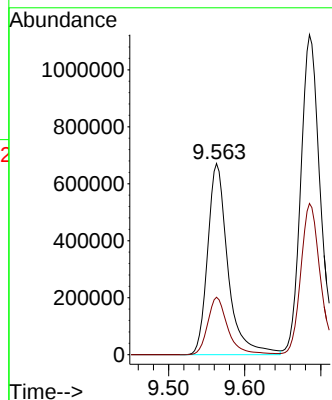
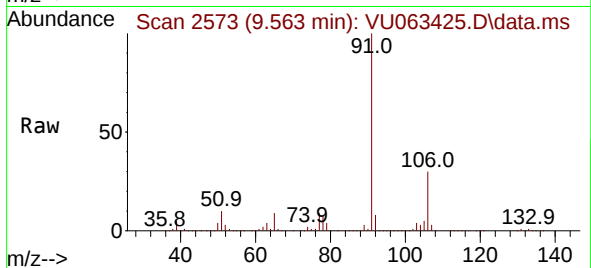
VSTDICC015

Tgt Ion: 91 Resp: 1247103

Ion Ratio Lower Upper

91 100

106 30.0 24.2 36.2



#64

m/p-Xylenes

Concen: 29.979 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.001 min

Lab File: VU063425.D

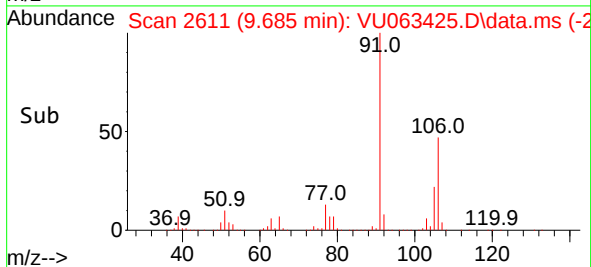
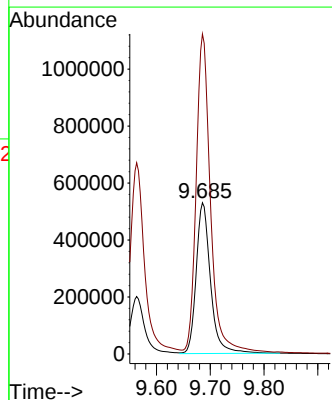
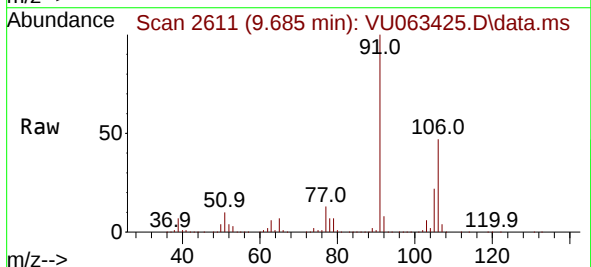
Acq: 23 Jun 2025 13:05

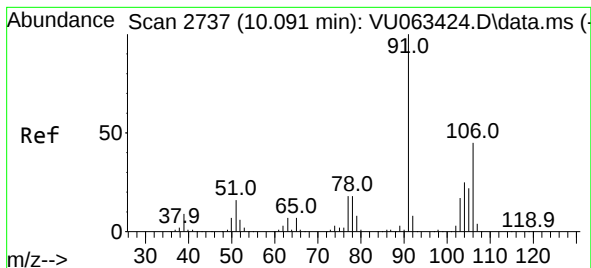
Tgt Ion:106 Resp: 979694

Ion Ratio Lower Upper

106 100

91 210.0 169.9 254.9





#65

o-Xylene

Concen: 17.872 ug/l

RT: 10.094 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

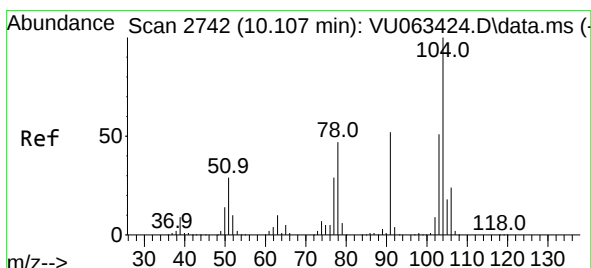
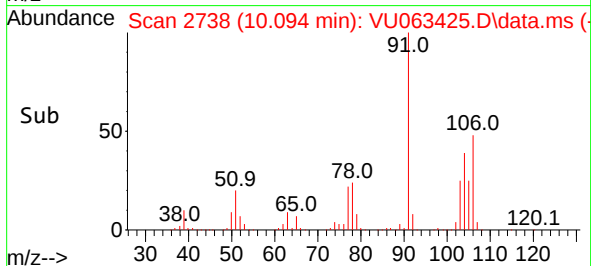
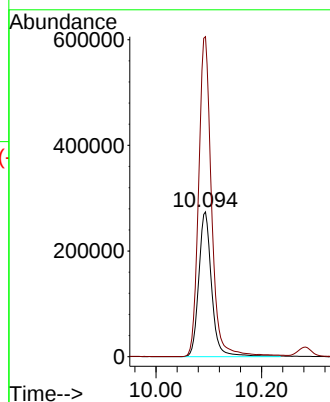
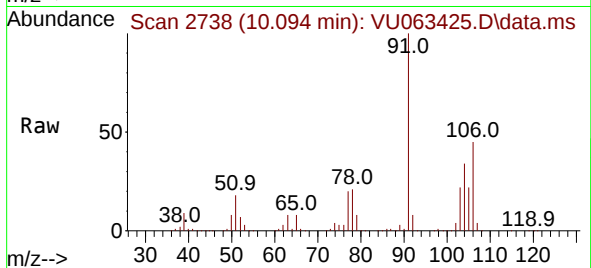
VSTDIC015

Tgt Ion:106 Resp: 463041

Ion Ratio Lower Upper

106 100

91 222.0 110.8 332.3



#66

Styrene

Concen: 14.979 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. -0.001 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

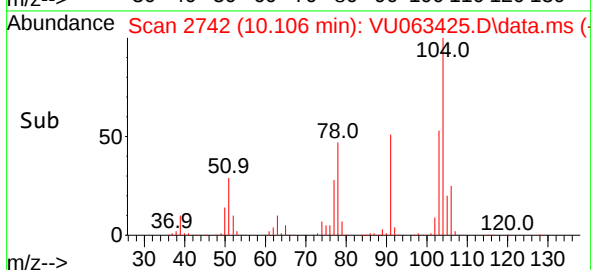
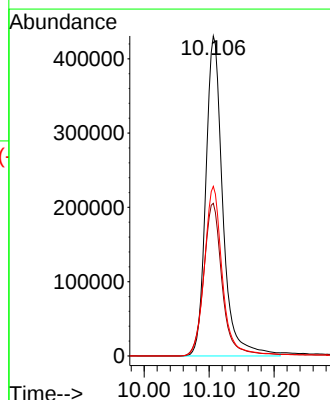
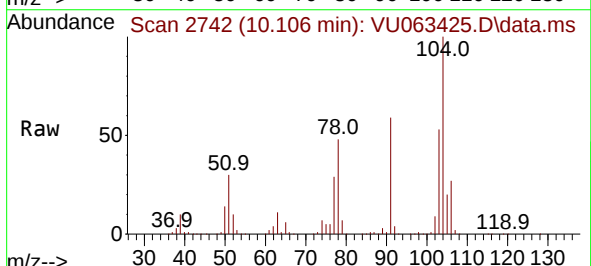
Tgt Ion:104 Resp: 786883

Ion Ratio Lower Upper

104 100

78 51.9 41.6 62.4

103 56.6 44.6 67.0





#67

Bromoform

Concen: 16.195 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

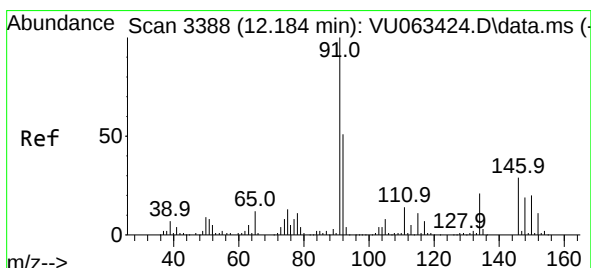
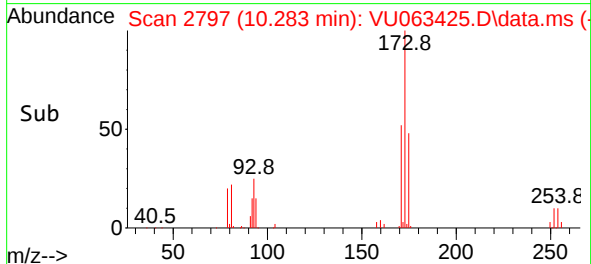
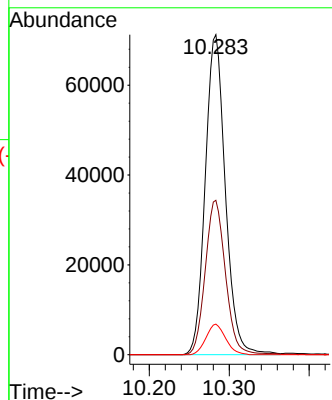
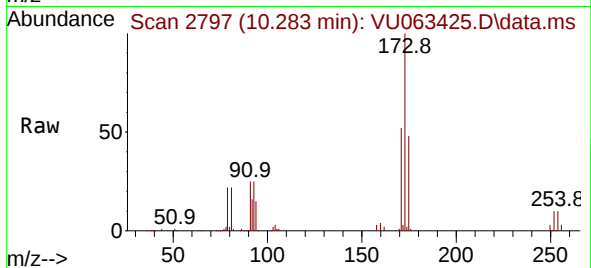
Tgt Ion:173 Resp: 124626

Ion Ratio Lower Upper

173 100

175 48.4 38.2 57.2

254 9.3 7.6 11.4



#68

1,2-Dichlorobenzene-d4

Concen: 1.057 ug/l

RT: 12.184 min Scan# 3388

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

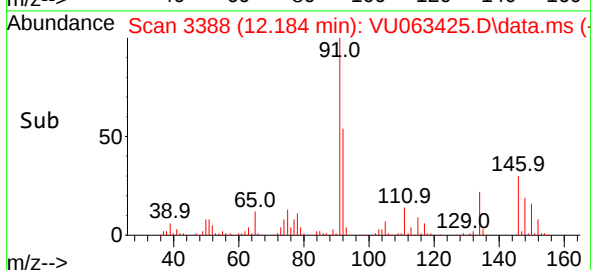
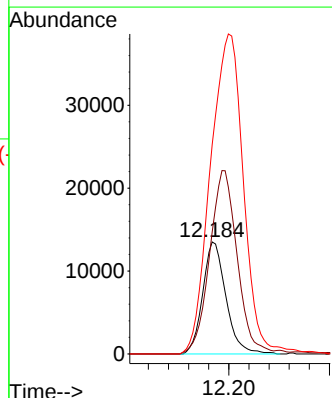
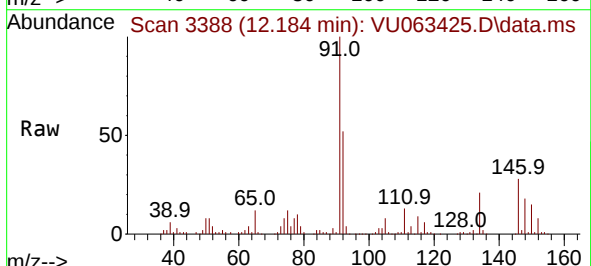
Tgt Ion:152 Resp: 21650

Ion Ratio Lower Upper

152 100

115 193.7 0.0 327.6

150 405.9 0.0 664.4

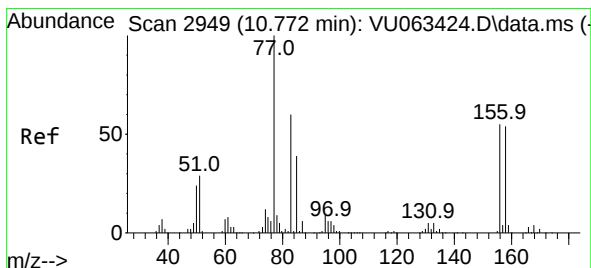
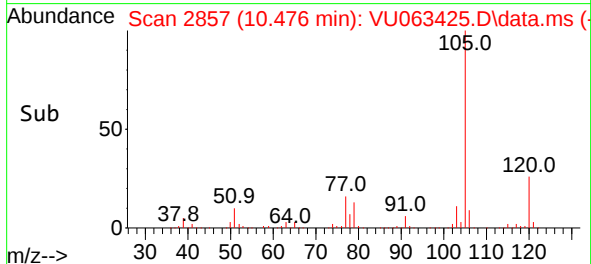
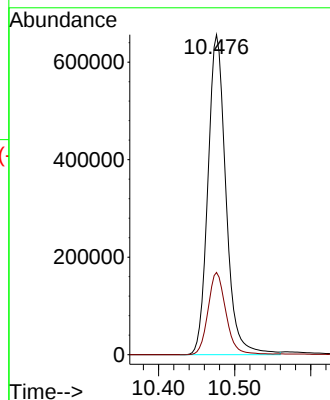
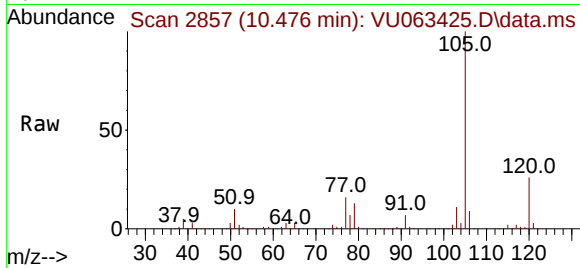




#69  
Isopropylbenzene  
Concen: 18.016 ug/l  
RT: 10.476 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

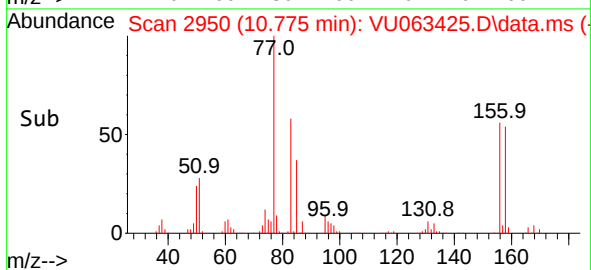
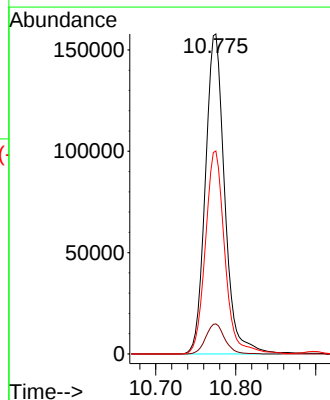
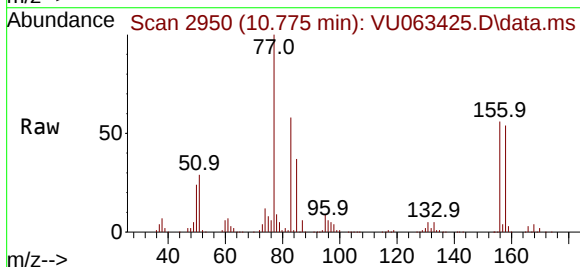
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

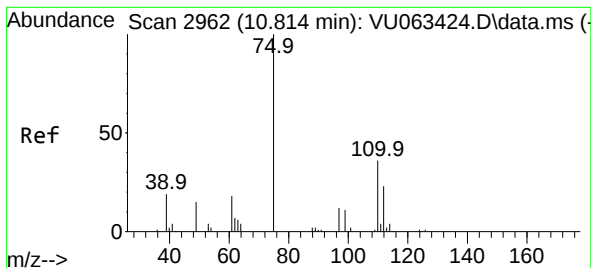
Tgt Ion:105 Resp: 1081336  
Ion Ratio Lower Upper  
105 100  
120 25.6 12.7 38.1



#70  
1,1,2,2-Tetrachloroethane  
Concen: 15.218 ug/l  
RT: 10.775 min Scan# 2950  
Delta R.T. 0.003 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion: 83 Resp: 265725  
Ion Ratio Lower Upper  
83 100  
131 9.3 7.4 11.0  
85 63.9 51.3 76.9





#71

1,2,3-Trichloropropane

Concen: 19.525 ug/l

RT: 10.817 min Scan# 2962

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

Tgt Ion: 75 Resp: 283682

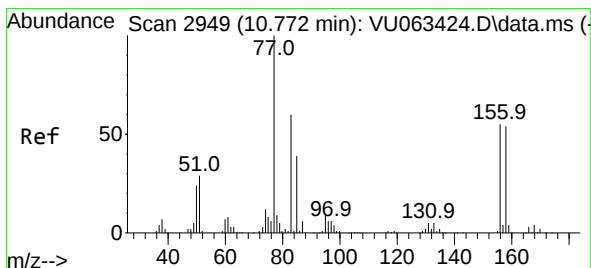
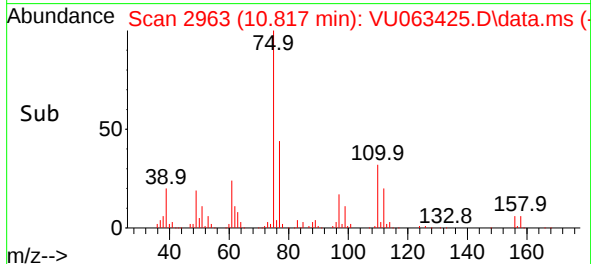
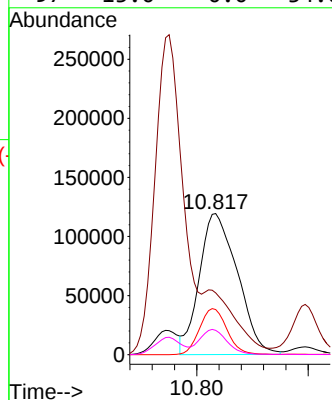
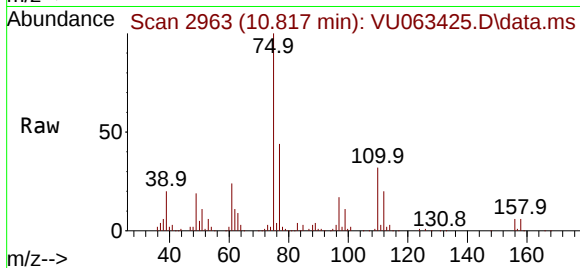
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 23.8 0.0 63.4

97 13.0 0.0 34.0



#72

Bromobenzene

Concen: 16.328 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

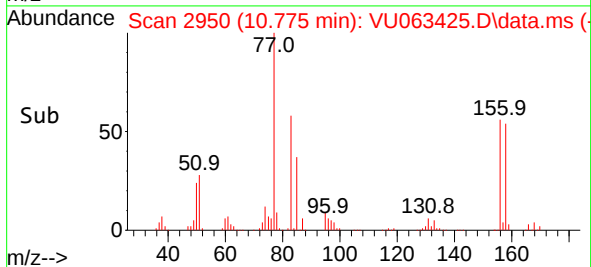
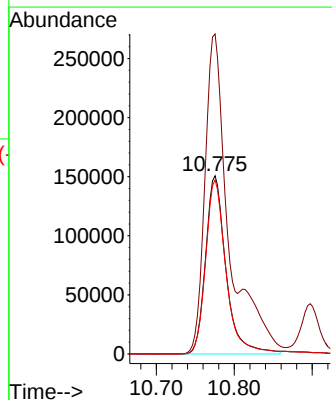
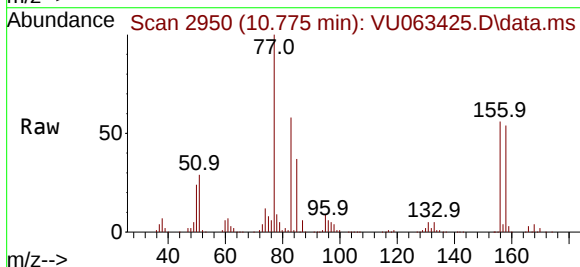
Tgt Ion:156 Resp: 275102

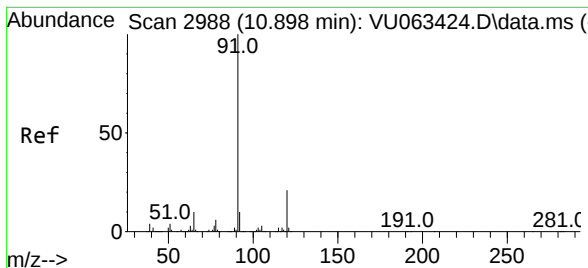
Ion Ratio Lower Upper

156 100

77 173.6 0.0 416.2

158 98.6 0.0 190.6





#73

n-propylbenzene

Concen: 15.024 ug/l

RT: 10.897 min Scan# 2988

Delta R.T. -0.001 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

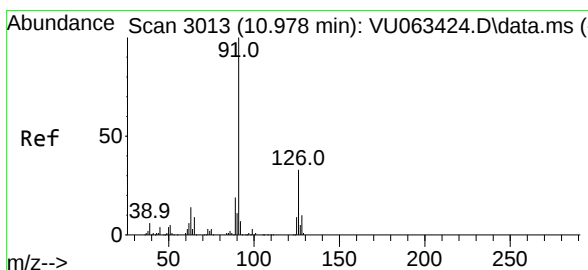
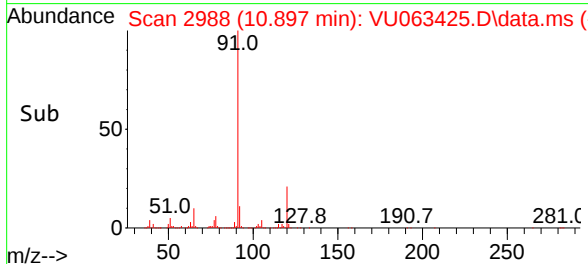
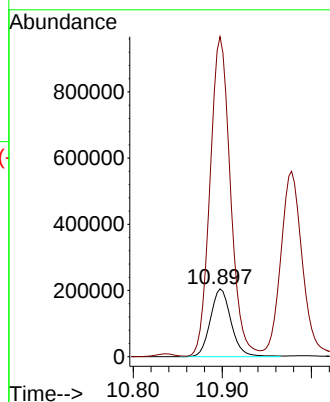
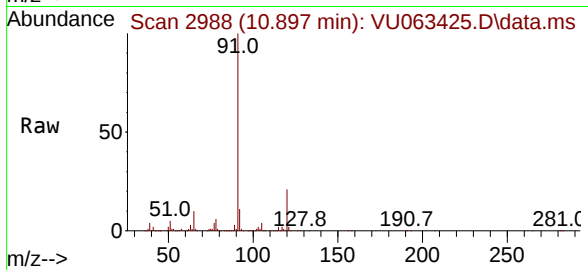
VSTDIC015

Tgt Ion:120 Resp: 331125

Ion Ratio Lower Upper

120 100

91 463.3 373.7 560.5



#74

2-Chlorotoluene

Concen: 17.342 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. -0.000 min

Lab File: VU063425.D

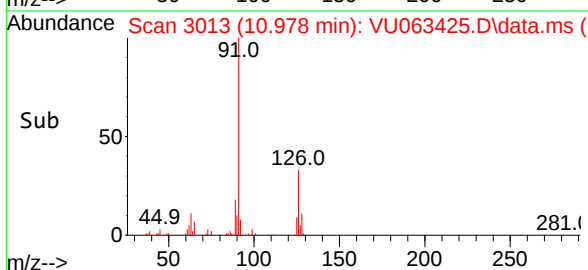
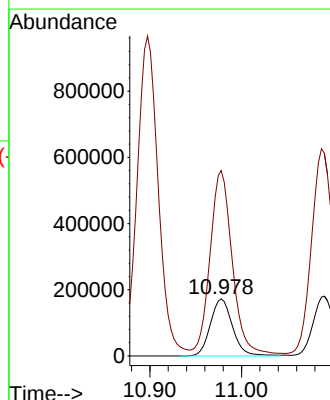
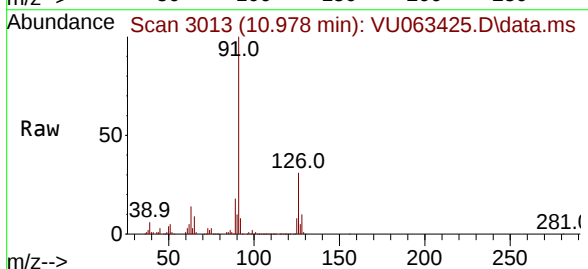
Acq: 23 Jun 2025 13:05

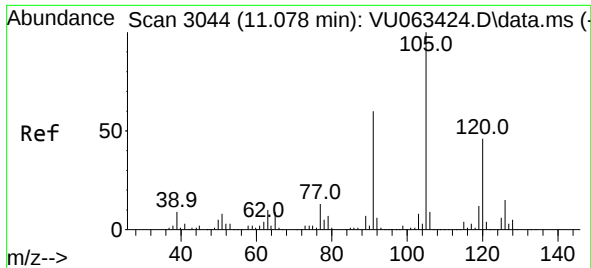
Tgt Ion:126 Resp: 288819

Ion Ratio Lower Upper

126 100

91 324.0 0.0 650.8

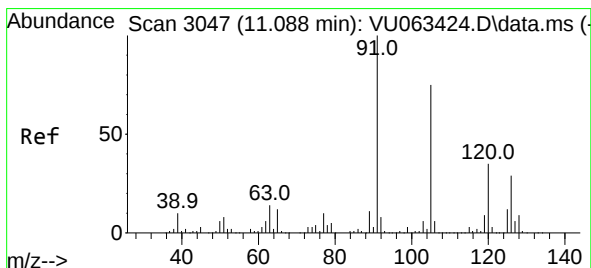
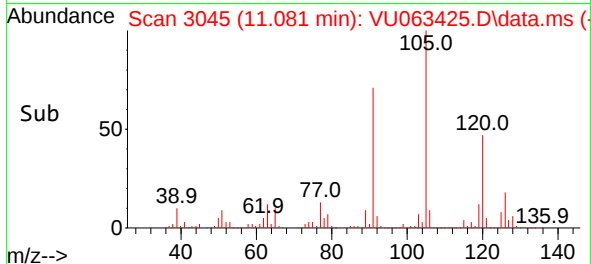
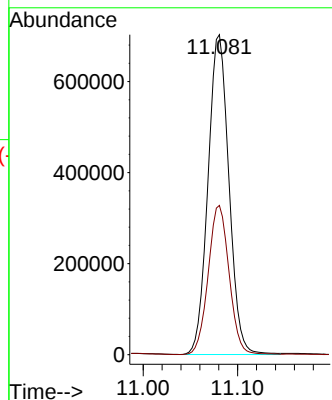
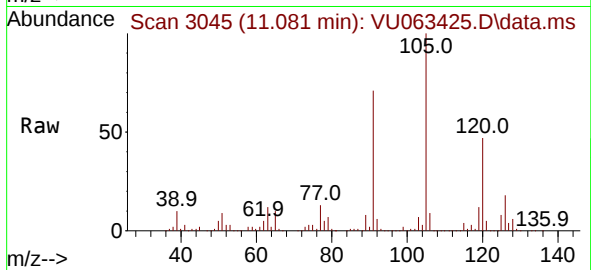




#75  
1,3,5-Trimethylbenzene  
Concen: 14.923 ug/l  
RT: 11.081 min Scan# 3045  
Delta R.T. 0.003 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

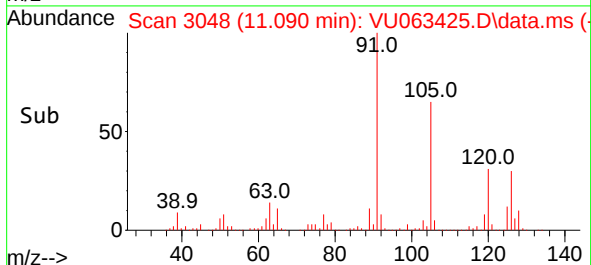
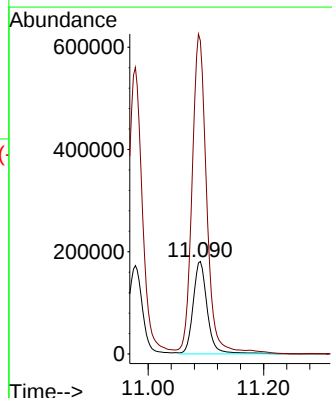
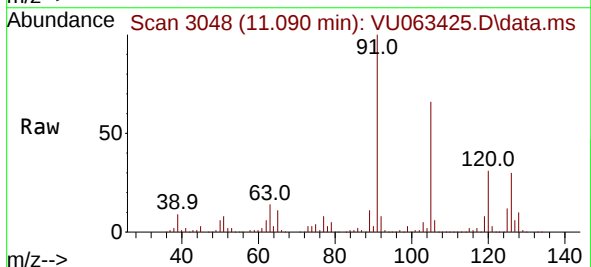
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

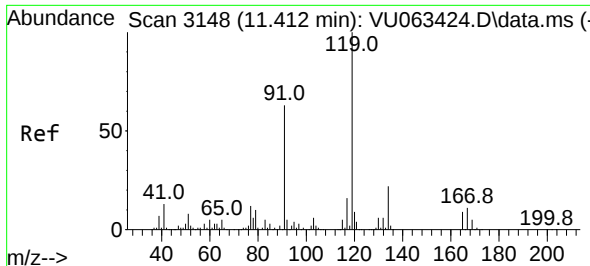
Tgt Ion:105 Resp: 1080027  
Ion Ratio Lower Upper  
105 100  
120 46.6 37.0 55.4



#76  
4-Chlorotoluene  
Concen: 17.541 ug/l  
RT: 11.090 min Scan# 3048  
Delta R.T. 0.003 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion:126 Resp: 306016  
Ion Ratio Lower Upper  
126 100  
91 341.4 0.0 713.2

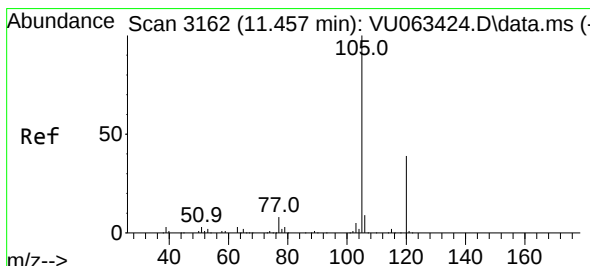
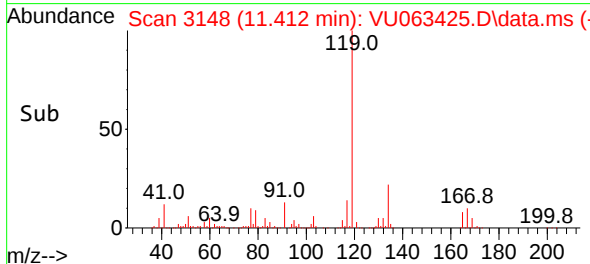
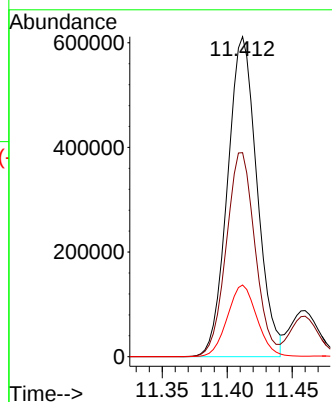
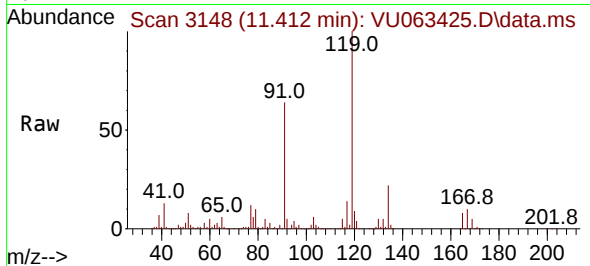




#77  
tert-Butylbenzene  
Concen: 17.535 ug/l  
RT: 11.412 min Scan# 3148  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

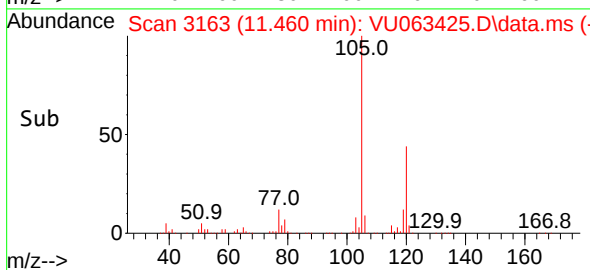
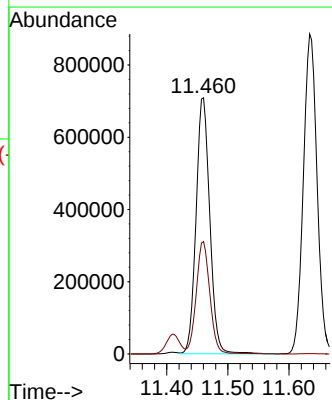
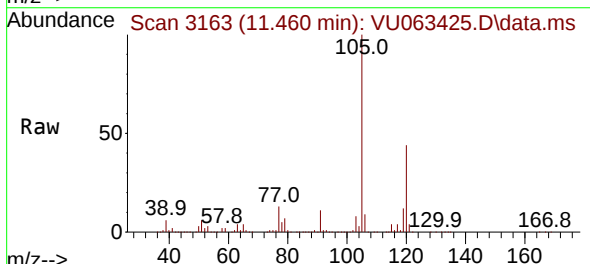
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

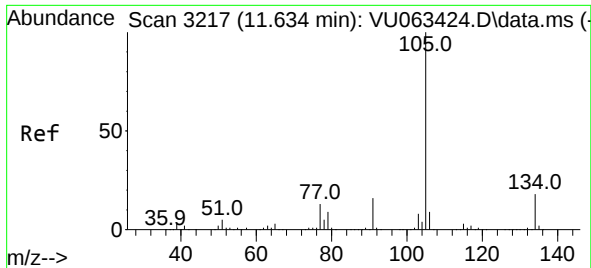
Tgt Ion:119 Resp: 967031  
Ion Ratio Lower Upper  
119 100  
91 62.3 30.9 92.7  
134 22.5 17.9 26.9



#78  
1,2,4-Trimethylbenzene  
Concen: 15.016 ug/l  
RT: 11.460 min Scan# 3163  
Delta R.T. 0.003 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion:105 Resp: 1106183  
Ion Ratio Lower Upper  
105 100  
120 42.8 22.1 66.5

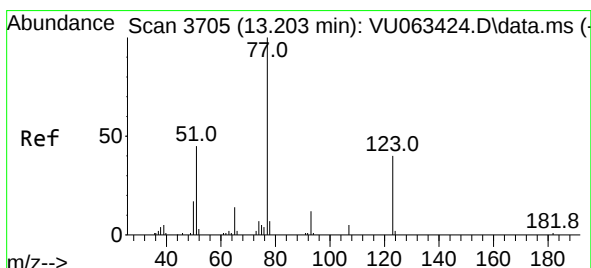
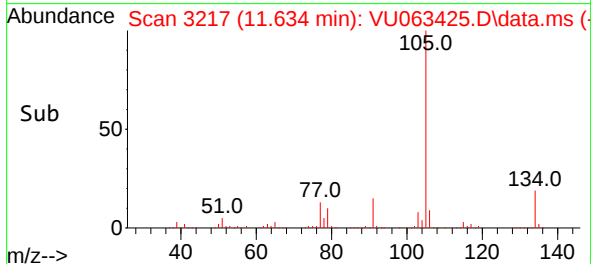
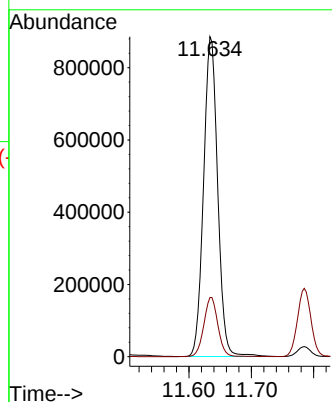
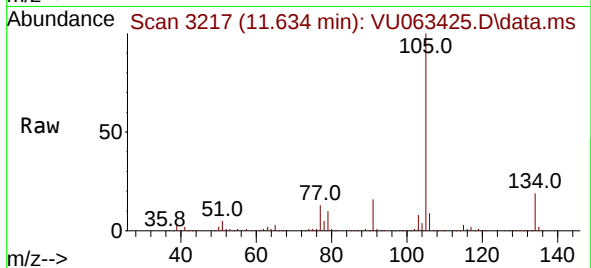




#79  
 sec-Butylbenzene  
 Concen: 17.816 ug/l  
 RT: 11.634 min Scan# 3217  
 Delta R.T. -0.000 min  
 Lab File: VU063425.D  
 Acq: 23 Jun 2025 13:05

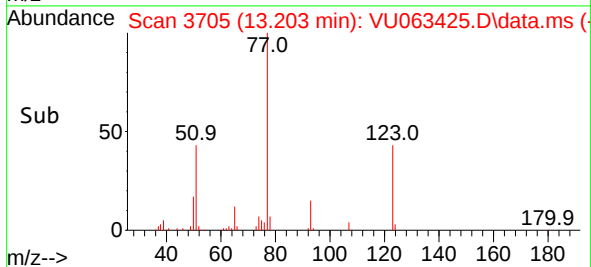
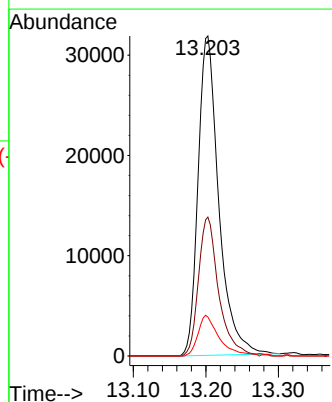
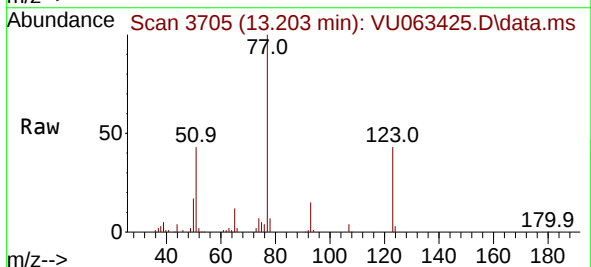
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

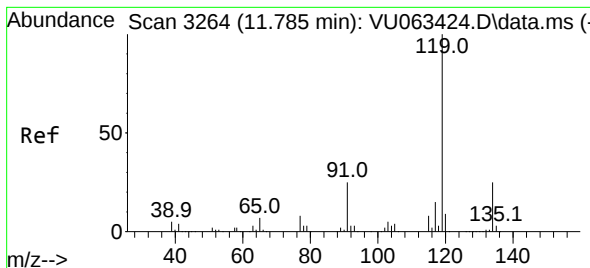
Tgt Ion:105 Resp: 1391528  
 Ion Ratio Lower Upper  
 105 100  
 134 18.6 14.8 22.2



#80  
 Nitrobenzene  
 Concen: 76.388 ug/l  
 RT: 13.203 min Scan# 3705  
 Delta R.T. -0.000 min  
 Lab File: VU063425.D  
 Acq: 23 Jun 2025 13:05

Tgt Ion: 77 Resp: 63222  
 Ion Ratio Lower Upper  
 77 100  
 123 41.3 19.6 69.6  
 65 12.9 10.6 13.4

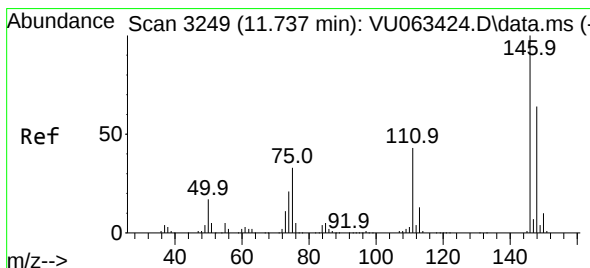
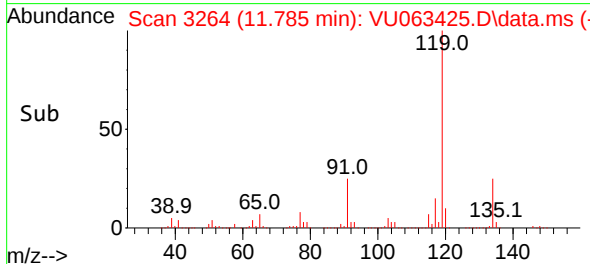
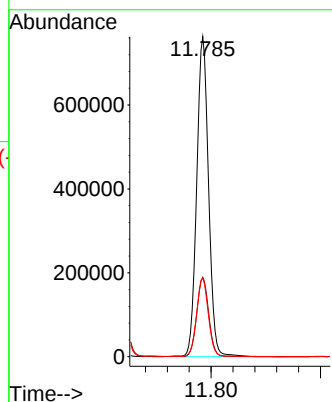
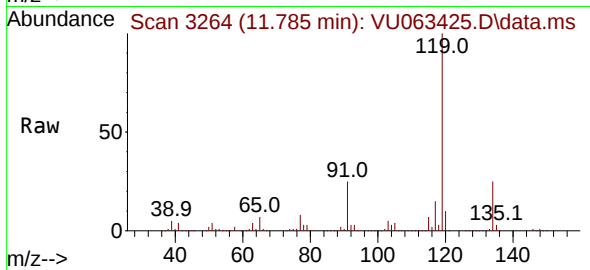




#81  
 p-Isopropyltoluene  
 Concen: 14.991 ug/l  
 RT: 11.785 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VU063425.D  
 Acq: 23 Jun 2025 13:05

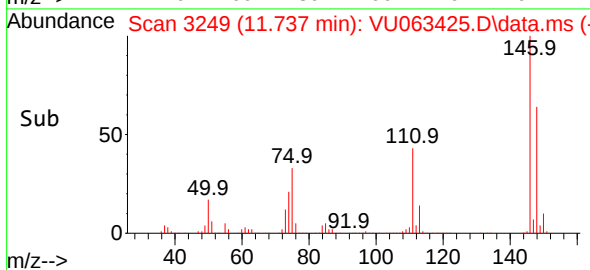
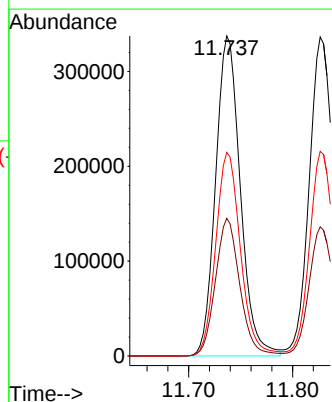
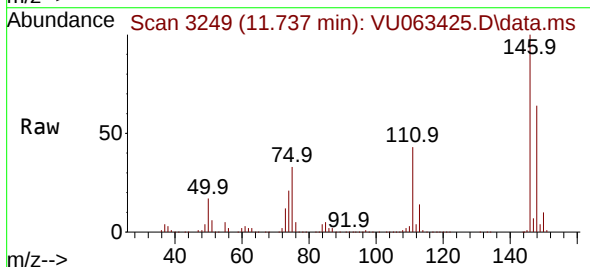
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

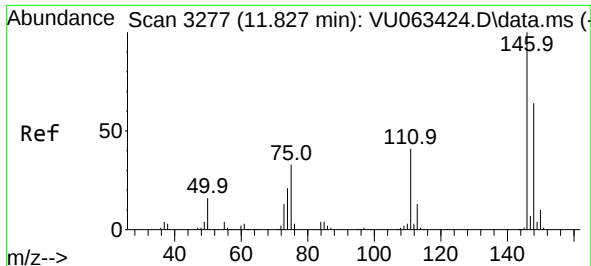
Tgt Ion:119 Resp: 1141962  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 20.2 30.2  
 91 24.1 19.7 29.5



#82  
 1,3-Dichlorobenzene  
 Concen: 15.994 ug/l  
 RT: 11.737 min Scan# 3249  
 Delta R.T. -0.000 min  
 Lab File: VU063425.D  
 Acq: 23 Jun 2025 13:05

Tgt Ion:146 Resp: 558223  
 Ion Ratio Lower Upper  
 146 100  
 111 42.4 34.3 51.5  
 148 63.9 51.0 76.4

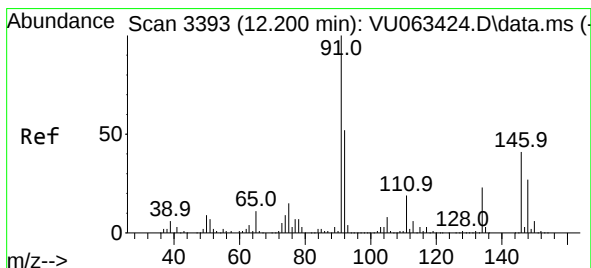
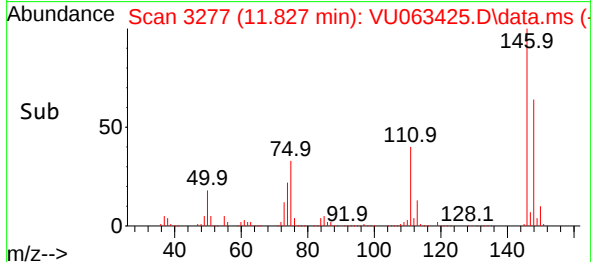
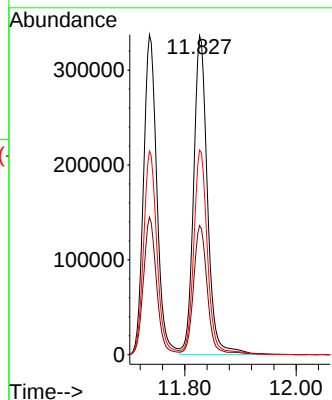
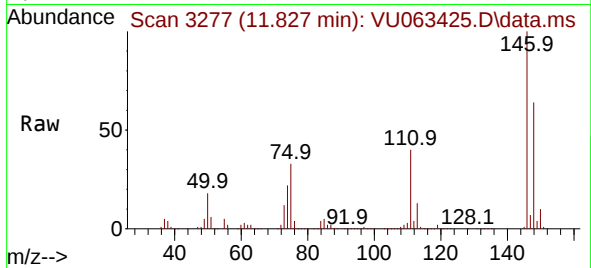




#83  
1,4-Dichlorobenzene  
Concen: 16.003 ug/l  
RT: 11.827 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

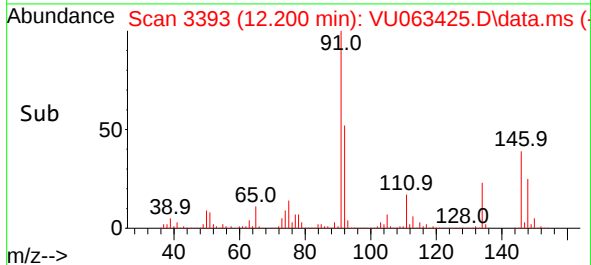
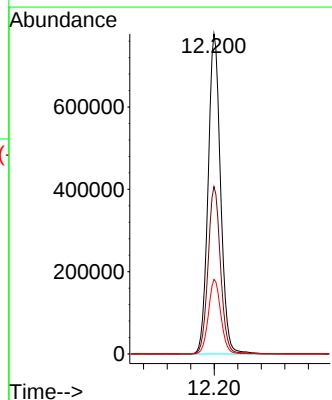
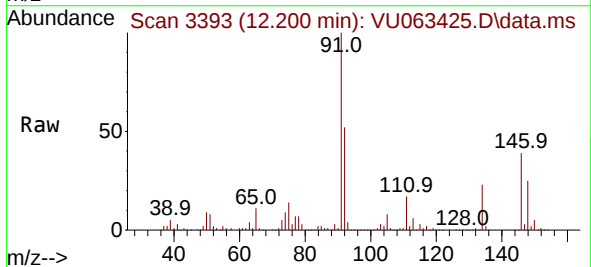
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

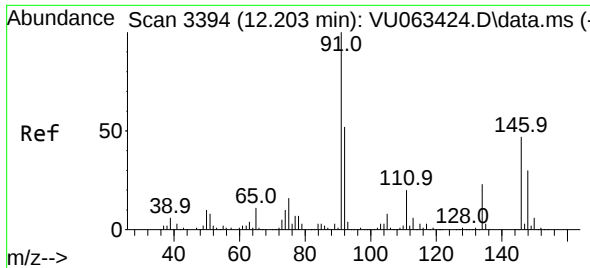
Tgt Ion:146 Resp: 579089  
Ion Ratio Lower Upper  
146 100  
111 39.4 31.7 47.5  
148 63.9 51.4 77.0



#84  
n-Butylbenzene  
Concen: 17.890 ug/l  
RT: 12.200 min Scan# 3393  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion: 91 Resp: 1143852  
Ion Ratio Lower Upper  
91 100  
92 52.2 41.0 61.6  
134 23.3 18.5 27.7

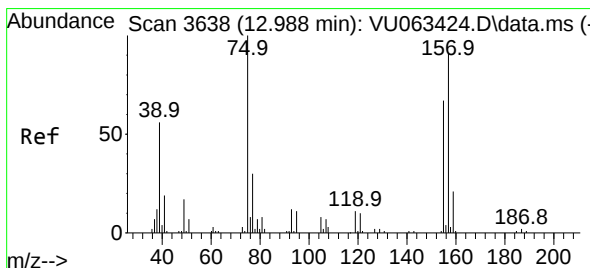
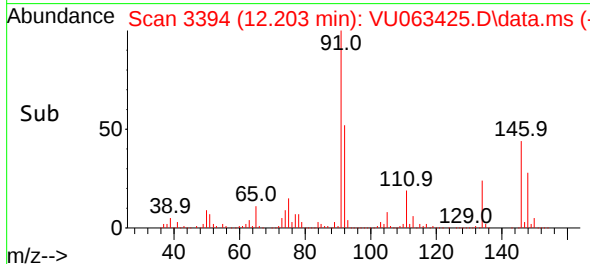
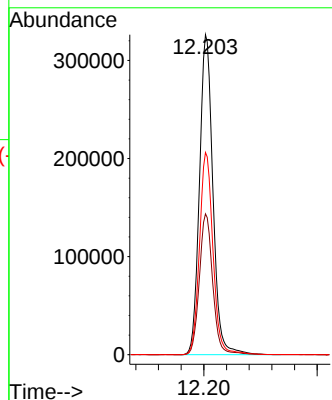
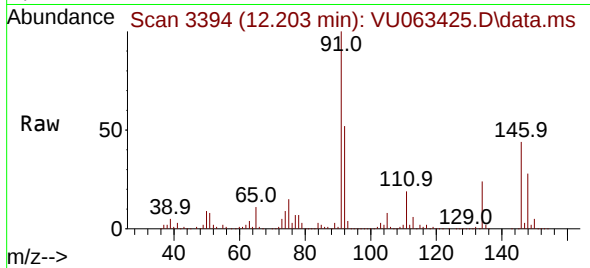




#85  
 1,2-Dichlorobenzene  
 Concen: 16.073 ug/l  
 RT: 12.203 min Scan# 311  
 Delta R.T. -0.000 min  
 Lab File: VU063425.D  
 Acq: 23 Jun 2025 13:05

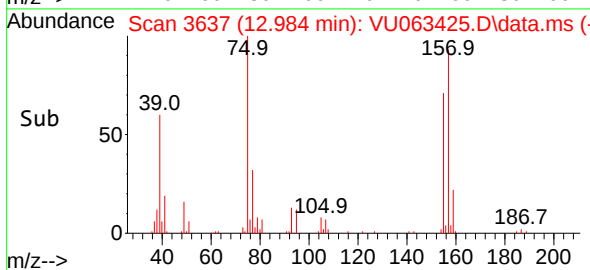
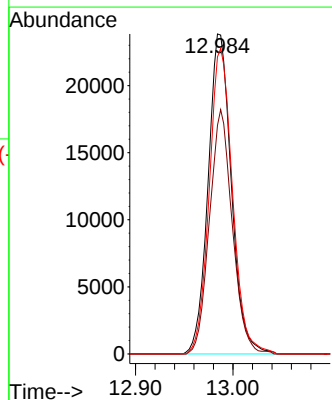
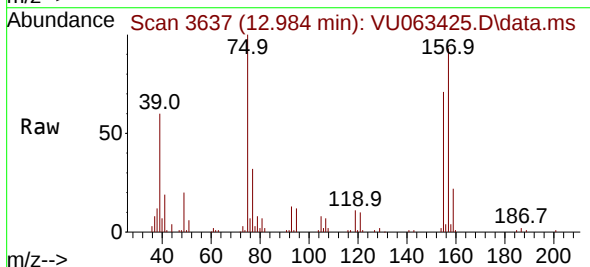
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 ClientSampleId :  
 VSTDIC015

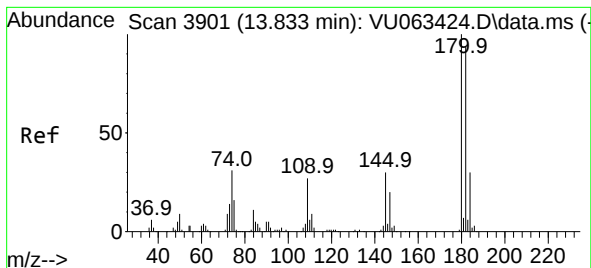
Tgt Ion:146 Resp: 536861  
 Ion Ratio Lower Upper  
 146 100  
 111 44.0 21.8 65.4  
 148 63.6 32.3 96.9



#86  
 1,2-Dibromo-3-Chloropropane  
 Concen: 16.498 ug/l  
 RT: 12.984 min Scan# 3637  
 Delta R.T. -0.004 min  
 Lab File: VU063425.D  
 Acq: 23 Jun 2025 13:05

Tgt Ion: 75 Resp: 39601  
 Ion Ratio Lower Upper  
 75 100  
 155 74.7 59.7 89.5  
 157 95.5 75.0 112.4





#87

1,2,4-Trichlorobenzene

Concen: 17.274 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

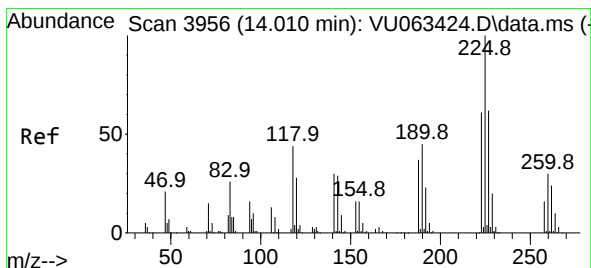
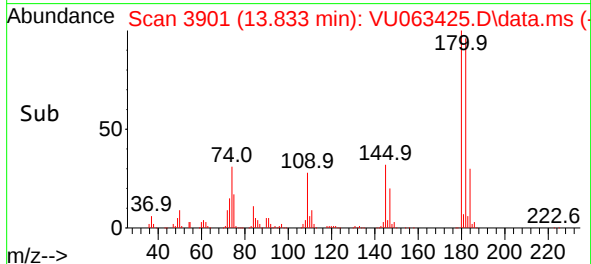
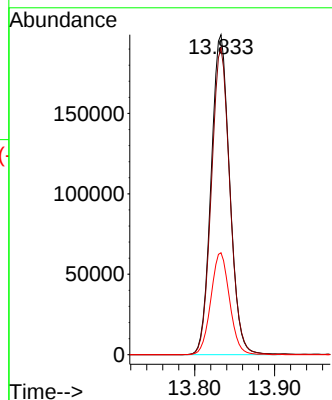
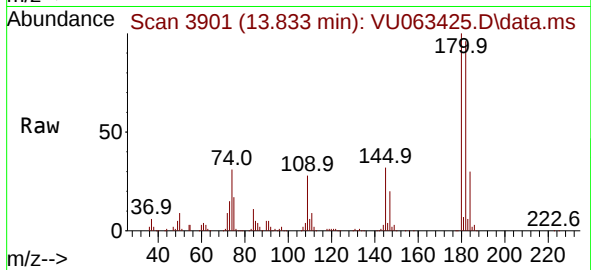
Tgt Ion:180 Resp: 321704

Ion Ratio Lower Upper

180 100

182 95.5 75.6 113.4

145 32.0 24.6 36.8



#88

Hexachlorobutadiene

Concen: 15.890 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. 0.003 min

Lab File: VU063425.D

Acq: 23 Jun 2025 13:05

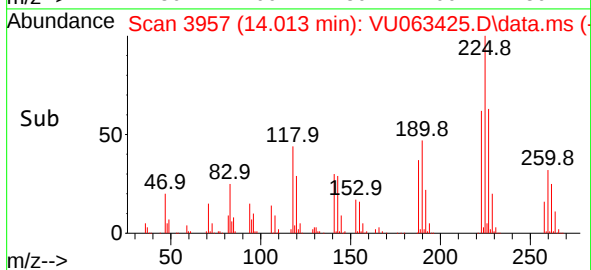
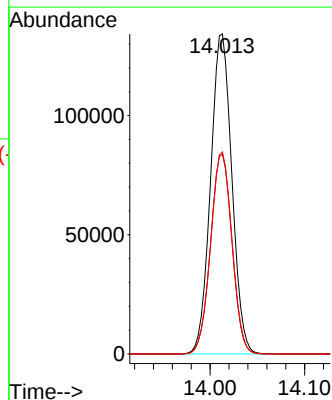
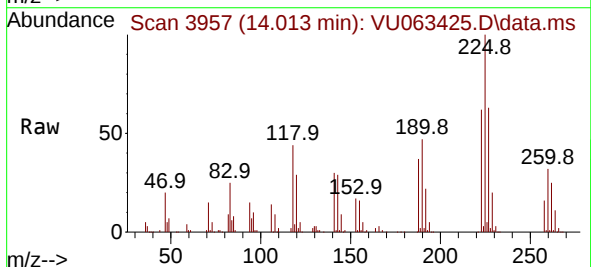
Tgt Ion:225 Resp: 209808

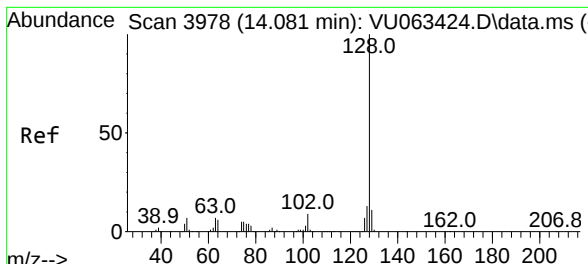
Ion Ratio Lower Upper

225 100

223 62.9 50.0 75.0

227 63.4 51.5 77.3

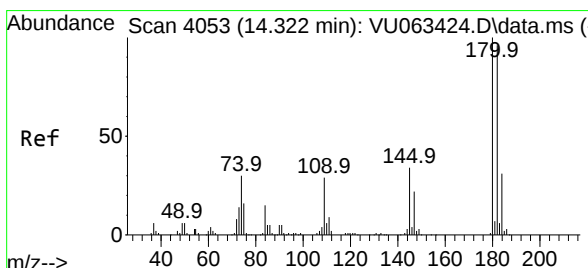
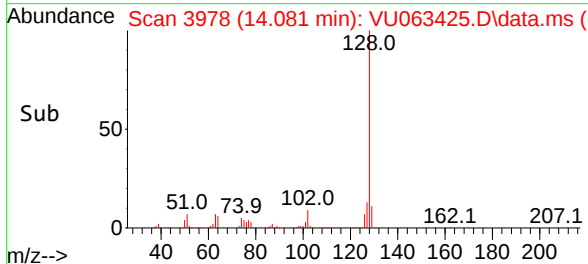
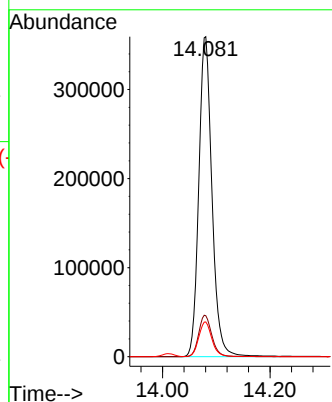
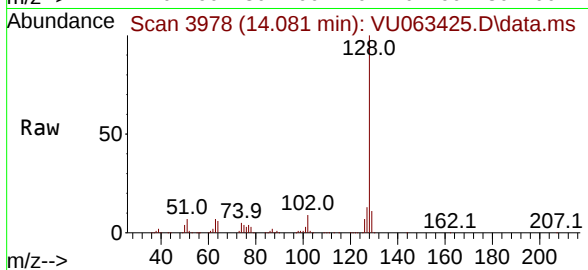




#89  
Naphthalene  
Concen: 15.330 ug/l  
RT: 14.081 min Scan# 3978  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

Tgt Ion:128 Resp: 611576  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.4 15.6  
129 10.8 8.7 13.1



#90  
1,2,3-Trichlorobenzene  
Concen: 17.264 ug/l  
RT: 14.322 min Scan# 4053  
Delta R.T. -0.000 min  
Lab File: VU063425.D  
Acq: 23 Jun 2025 13:05

Tgt Ion:180 Resp: 319688  
Ion Ratio Lower Upper  
180 100  
182 95.8 76.7 115.1  
145 33.6 27.4 41.2

