

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU103125\  
 Data File : VU063659.D  
 Acq On : 31 Oct 2025 11:35  
 Operator : MD/SY  
 Sample : VSTDICCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICCC010

Quant Time: Nov 03 00:15:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U103125DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Mon Nov 03 00:08:51 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc    | Units    | Dev(Min) |
|------------------------------|--------|------|----------|---------|----------|----------|
| -----                        |        |      |          |         |          |          |
| Internal Standards           |        |      |          |         |          |          |
| 1) Fluorobenzene             | 6.081  | 96   | 60869    | 1.000   | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |         |          |          |
| 57) 4-Bromofluorobenzene     | 10.608 | 95   | 28932    | 1.226   | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 123.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.168 | 152  | 27479    | 1.170   | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =       | 117.000% |          |
| Target Compounds             |        |      |          |         |          |          |
|                              |        |      |          |         | Qvalue   |          |
| 2) Dichlorodifluoromethane   | 1.374  | 85   | 239708   | 11.572  | ug/l     | 100      |
| 3) Chloromethane             | 1.509  | 50   | 214484   | 10.711  | ug/l     | 100      |
| 4) Vinyl Chloride            | 1.589  | 62   | 231384   | 10.716  | ug/l     | 100      |
| 5) Bromomethane              | 1.824  | 94   | 127358   | 9.609   | ug/l     | 100      |
| 6) Chloroethane              | 1.908  | 64   | 139919   | 10.150  | ug/l     | 100      |
| 7) Trichlorofluoromethane    | 2.113  | 101  | 336487   | 10.667  | ug/l     | 100      |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.554  | 101  | 177553   | 10.082  | ug/l     | 100      |
| 9) 1,1-Dichloroethene        | 2.554  | 96   | 171842   | 10.692  | ug/l     | 100      |
| 10) Iodomethane              | 2.692  | 142  | 264124   | 11.329  | ug/l     | 100      |
| 11) Allyl Chloride           | 2.891  | 41   | 269936   | 10.233  | ug/l     | 100      |
| 12) Acrylonitrile            | 3.287  | 53   | 90377    | 19.040  | ug/l     | 100      |
| 13) Acetone                  | 2.602  | 43   | 358492   | 50.750  | ug/l     | 100      |
| 14) Carbon Disulfide         | 2.763  | 76   | 477346   | 13.469  | ug/l     | 100      |
| 15) Methylene Chloride       | 3.014  | 84   | 197662   | 9.406   | ug/l     | 100      |
| 16) trans-1,2-Dichloroethene | 3.316  | 96   | 192166   | 11.117  | ug/l     | 100      |
| 17) 1,1-Dichloroethane       | 3.830  | 63   | 375353   | 9.732   | ug/l     | 100      |
| 18) 2-Butanone               | 4.689  | 43   | 396675   | 50.429  | ug/l     | 100      |
| 19) Cyclohexane              | 5.345  | 56   | 294602   | 9.592   | ug/l     | 100      |
| 20) Methylcyclohexane        | 6.724  | 83   | 360387   | 12.205  | ug/l     | 100      |
| 21) 2,2-Dichloropropane      | 4.624  | 77   | 336021   | 11.417  | ug/l     | 100      |
| 22) cis-1,2-Dichloroethene   | 4.628  | 96   | 219024   | 10.466  | ug/l     | 100      |
| 23) Diethyl Ether            | 2.354  | 59   | 145598   | 10.282  | ug/l     | 100      |
| 24) tert-Butyl Alcohol       | 3.174  | 59   | 223185   | 114.175 | ug/l     | 100      |
| 25) Methyl tert-Butyl Ether  | 3.342  | 73   | 512792   | 10.687  | ug/l     | 100      |
| 26) Bromochloromethane       | 4.936  | 128  | 91129    | 10.733  | ug/l     | 100      |
| 27) Chloroform               | 5.052  | 83   | 380091   | 9.834   | ug/l     | 100      |
| 28) 1,1,1-Trichloroethane    | 5.277  | 97   | 340416   | 11.205  | ug/l     | 100      |
| 29) 1,1-Dichloropropene      | 5.486  | 75   | 290213   | 10.362  | ug/l     | 100      |
| 30) Carbon Tetrachloride     | 5.483  | 117  | 278547   | 12.291  | ug/l     | 100      |
| 31) Isopropyl Ether          | 3.969  | 45   | 599391   | 9.336   | ug/l     | 100      |
| 32) Ethyl-t-butyl ether      | 4.480  | 59   | 569883   | 10.191  | ug/l     | 100      |
| 33) Tert-Amyl methyl ether   | 5.923  | 73   | 503927   | 10.512  | ug/l     | 100      |
| 34) Propionitrile            | 4.753  | 54   | 83614    | 46.606  | ug/l     | 100      |
| 35) Benzene                  | 5.737  | 78   | 804734   | 10.092  | ug/l     | 100      |
| 36) 1,2-Dichloroethane       | 5.763  | 62   | 264281   | 9.844   | ug/l     | 100      |
| 37) Trichloroethene          | 6.509  | 130  | 216261   | 10.727  | ug/l     | 100      |
| 38) 1,2-Dichloropropane      | 6.763  | 63   | 225540   | 10.720  | ug/l     | 100      |
| 39) Methacrylonitrile        | 4.949  | 41   | 72767    | 8.599   | ug/l     | 100      |
| 40) Methyl acrylate          | 4.824  | 55   | 106280   | 9.155   | ug/l     | 100      |
| 41) Tetrahydrofuran          | 5.036  | 42   | 75152    | 17.099  | ug/l     | 100      |
| 42) 1-Chlorobutane           | 5.422  | 56   | 402421   | 10.309  | ug/l     | 100      |
| 43) Dibromomethane           | 6.888  | 93   | 120095   | 11.535  | ug/l     | 100      |
| 44) Bromodichloromethane     | 7.078  | 83   | 291367   | 12.878  | ug/l     | 100      |

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 Sample : VSTDICCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

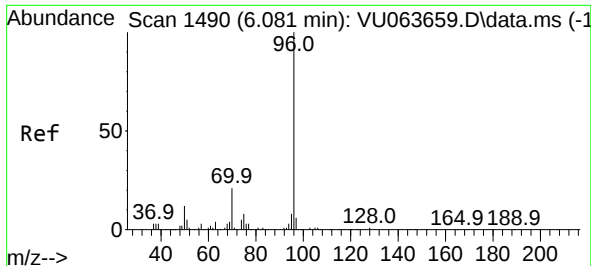
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICCC010

Quant Time: Nov 03 00:15:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U103125DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Mon Nov 03 00:08:51 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.779  | 43   | 734725   | 56.814  | ug/l   | 100      |
| 46) t-1,4-Dichloro-2-butene   | 10.798 | 75   | 252208   | 53.112  | ug/l # | 55       |
| 47) Methyl methacrylate       | 6.943  | 69   | 230056   | 24.445  | ug/l   | 100      |
| 48) Ethyl methacrylate        | 8.316  | 69   | 234529   | 13.242  | ug/l   | 100      |
| 49) Toluene                   | 7.943  | 92   | 549555   | 12.273  | ug/l   | 100      |
| 50) t-1,3-Dichloropropene     | 8.187  | 75   | 249889   | 14.294  | ug/l   | 100      |
| 51) cis-1,3-Dichloropropene   | 7.579  | 75   | 315720   | 13.805  | ug/l   | 100      |
| 52) 1,1,2-Trichloroethane     | 8.377  | 97   | 163340   | 11.217  | ug/l   | 100      |
| 53) 1,3-Dichloropropane       | 8.550  | 76   | 284750   | 11.211  | ug/l   | 100      |
| 54) 2-Hexanone                | 8.669  | 43   | 610899   | 62.603  | ug/l   | 100      |
| 55) Dibromochloromethane      | 8.785  | 129  | 194475   | 13.301  | ug/l   | 100      |
| 56) 1,2-Dibromoethane         | 8.898  | 107  | 151781   | 11.881  | ug/l   | 100      |
| 58) Tetrachloroethene         | 8.525  | 164  | 232519   | 11.568  | ug/l   | 100      |
| 59) Chlorobenzene             | 9.422  | 112  | 587388   | 11.540  | ug/l   | 100      |
| 60) 1,1,1,2-Tetrachloroethane | 9.509  | 131  | 204724   | 12.212  | ug/l   | 100      |
| 61) Pentachloroethane         | 11.402 | 117  | 141630   | 11.860  | ug/l   | 100      |
| 62) Hexachloroethane          | 12.451 | 117  | 163481   | 14.906  | ug/l   | 100      |
| 63) Ethyl Benzene             | 9.544  | 91   | 1065172  | 12.167  | ug/l   | 100      |
| 64) m/p-Xylenes               | 9.669  | 106  | 804722   | 23.987  | ug/l   | 100      |
| 65) o-Xylene                  | 10.074 | 106  | 396587   | 11.828  | ug/l   | 100      |
| 66) Styrene                   | 10.090 | 104  | 649762   | 12.145  | ug/l   | 100      |
| 67) Bromoform                 | 10.264 | 173  | 104959   | 14.273  | ug/l   | 100      |
| 69) Isopropylbenzene          | 10.457 | 105  | 978476   | 12.013  | ug/l   | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.756 | 83   | 206010   | 11.141  | ug/l   | 100      |
| 71) 1,2,3-Trichloropropane    | 10.798 | 75   | 252208   | 17.692  | ug/l # | 85       |
| 72) Bromobenzene              | 10.756 | 156  | 236710   | 11.300  | ug/l   | 100      |
| 73) n-propylbenzene           | 10.881 | 120  | 281663   | 12.052  | ug/l   | 100      |
| 74) 2-Chlorotoluene           | 10.962 | 126  | 239220   | 11.378  | ug/l   | 100      |
| 75) 1,3,5-Trimethylbenzene    | 11.062 | 105  | 901769   | 11.893  | ug/l   | 100      |
| 76) 4-Chlorotoluene           | 11.071 | 126  | 242531   | 11.047  | ug/l   | 100      |
| 77) tert-Butylbenzene         | 11.393 | 119  | 883218   | 11.996  | ug/l   | 100      |
| 78) 1,2,4-Trimethylbenzene    | 11.441 | 105  | 894964   | 12.135  | ug/l   | 100      |
| 79) sec-Butylbenzene          | 11.618 | 105  | 1177182  | 11.860  | ug/l   | 100      |
| 80) Nitrobenzene              | 13.184 | 77   | 33994    | 110.072 | ug/l   | 100      |
| 81) p-Isopropyltoluene        | 11.769 | 119  | 970334   | 12.152  | ug/l   | 100      |
| 82) 1,3-Dichlorobenzene       | 11.721 | 146  | 465069   | 11.123  | ug/l   | 100      |
| 83) 1,4-Dichlorobenzene       | 11.811 | 146  | 460256   | 10.729  | ug/l   | 100      |
| 84) n-Butylbenzene            | 12.184 | 91   | 900376   | 12.061  | ug/l   | 100      |
| 85) 1,2-Dichlorobenzene       | 12.187 | 146  | 436485   | 10.843  | ug/l   | 100      |
| 86) 1,2-Dibromo-3-Chloropr... | 12.968 | 75   | 36502    | 14.479  | ug/l   | 100      |
| 87) 1,2,4-Trichlorobenzene    | 13.814 | 180  | 283669   | 11.564  | ug/l   | 100      |
| 88) Hexachlorobutadiene       | 13.994 | 225  | 162752   | 10.793  | ug/l   | 100      |
| 89) Naphthalene               | 14.058 | 128  | 537333   | 12.129  | ug/l   | 100      |
| 90) 1,2,3-Trichlorobenzene    | 14.303 | 180  | 261367   | 11.283  | ug/l   | 100      |

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

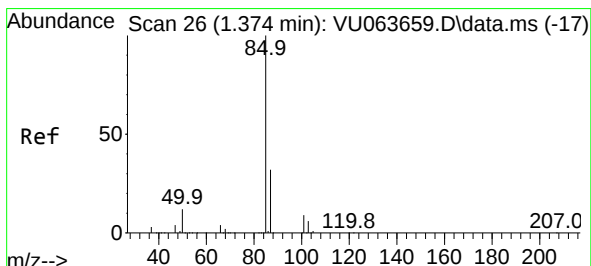
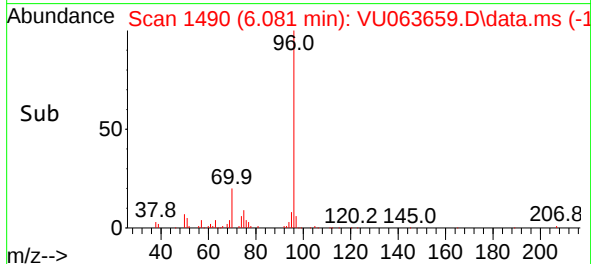
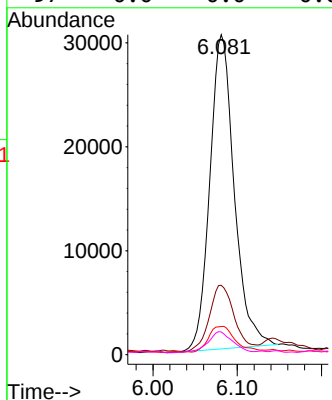
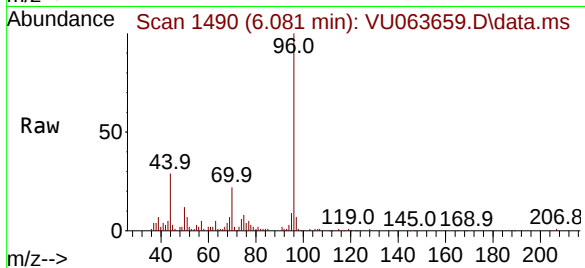




#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.081 min Scan# 1490  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

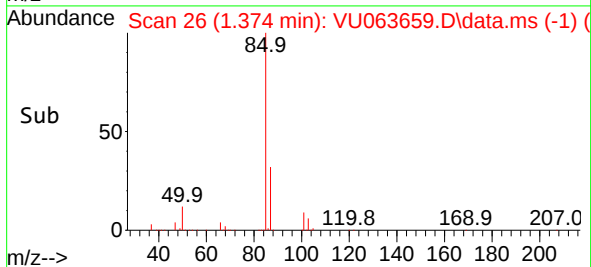
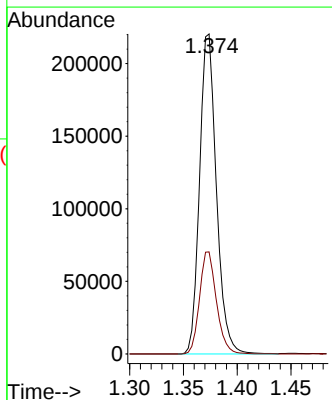
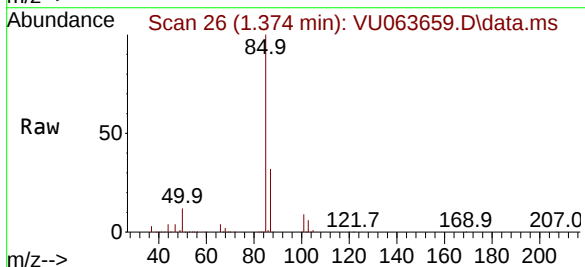
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

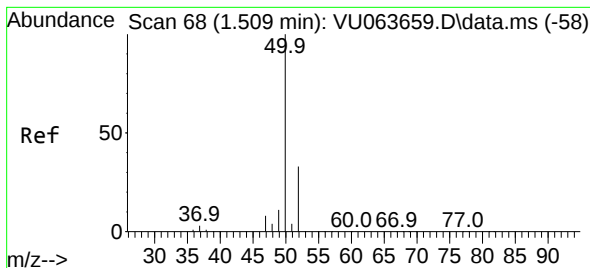
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|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 60869 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 70        | 19.1  | 15.3  | 22.9  |
| 95        | 8.1   | 6.5   | 9.7   |
| 97        | 0.0   | 0.0   | 0.0   |



#2  
Dichlorodifluoromethane  
Concen: 11.572 ug/l  
RT: 1.374 min Scan# 26  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 85    | Resp: | 239708 |
| Ion Ratio | Lower | Upper |        |
| 85        | 100   |       |        |
| 87        | 31.9  | 16.0  | 47.9   |





#3

Chloromethane

Concen: 10.711 ug/l

RT: 1.509 min Scan# 68

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Instrument :

MSVOA\_U

ClientSampleId :

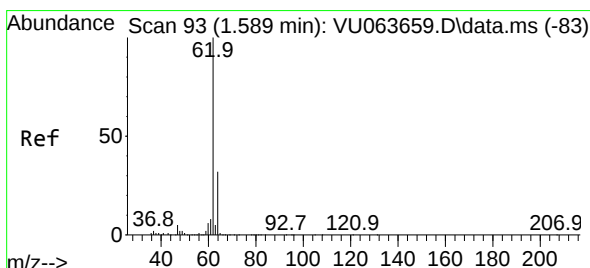
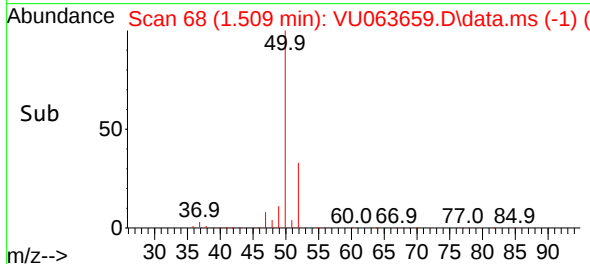
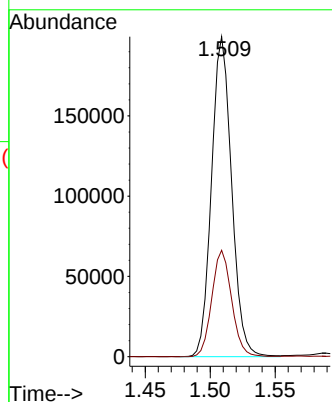
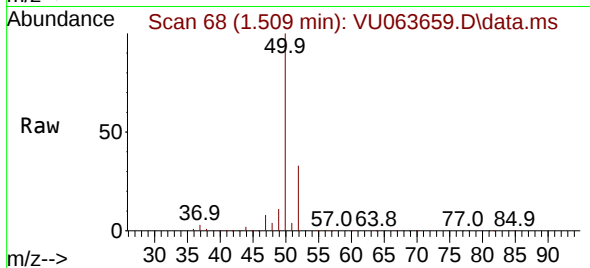
VSTDICCC010

Tgt Ion: 50 Resp: 214484

Ion Ratio Lower Upper

50 100

52 33.3 26.6 40.0



#4

Vinyl Chloride

Concen: 10.716 ug/l

RT: 1.589 min Scan# 93

Delta R.T. 0.000 min

Lab File: VU063659.D

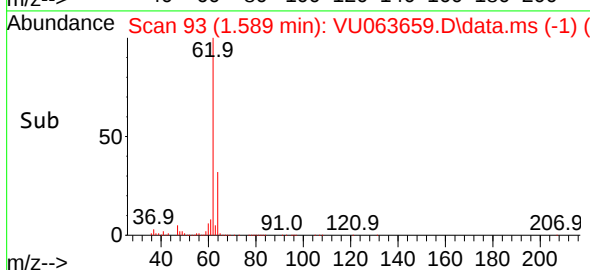
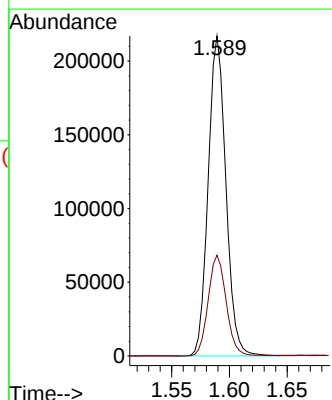
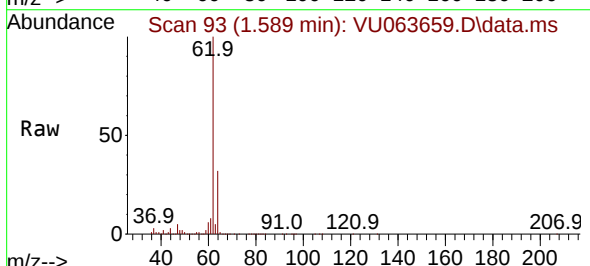
Acq: 31 Oct 2025 11:35

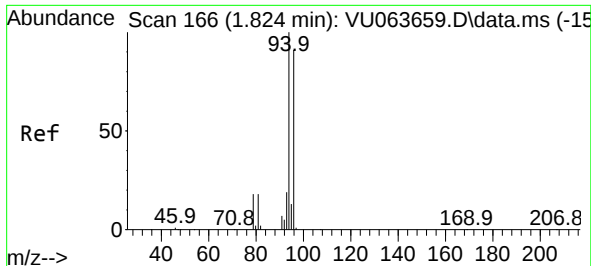
Tgt Ion: 62 Resp: 231384

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8

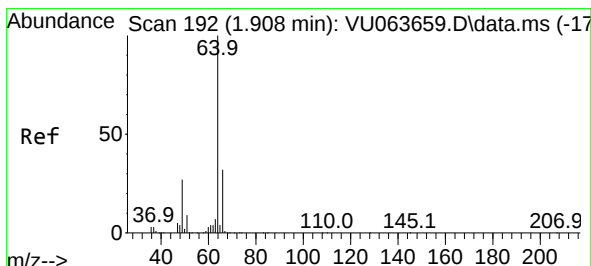
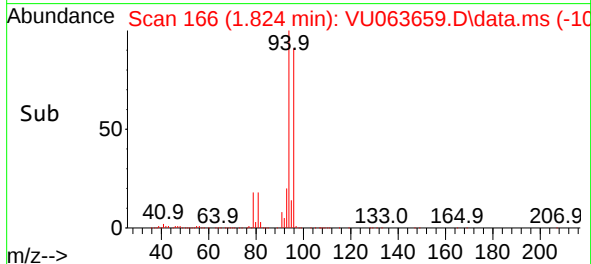
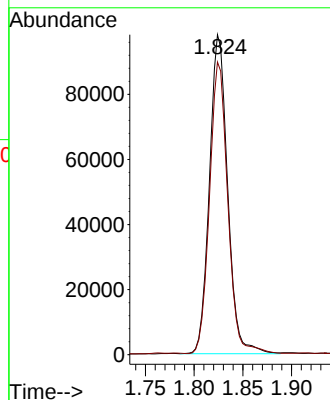
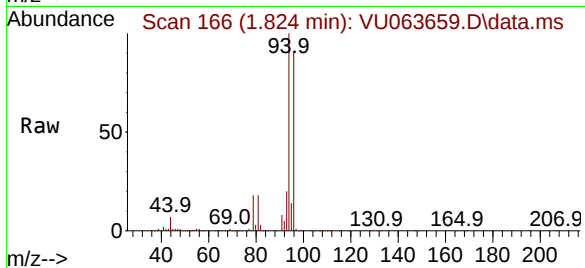




#5  
Bromomethane  
Concen: 9.609 ug/l  
RT: 1.824 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

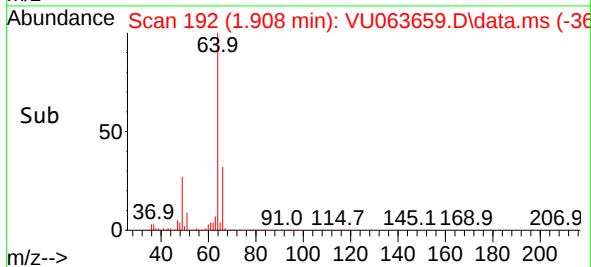
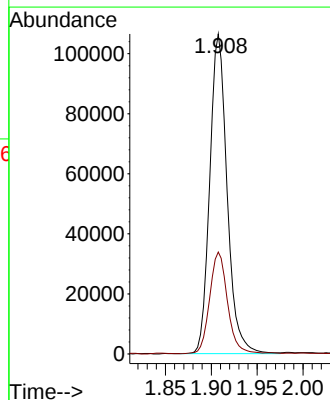
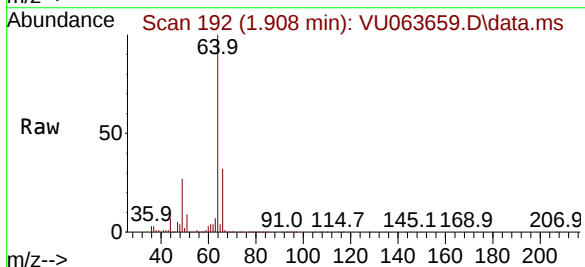
Instrument :  
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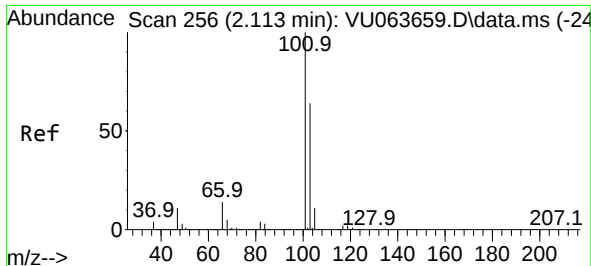
Tgt Ion: 94 Resp: 127358  
Ion Ratio Lower Upper  
94 100  
96 91.3 73.0 109.6



#6  
Chloroethane  
Concen: 10.150 ug/l  
RT: 1.908 min Scan# 192  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion: 64 Resp: 139919  
Ion Ratio Lower Upper  
64 100  
66 31.8 25.4 38.2

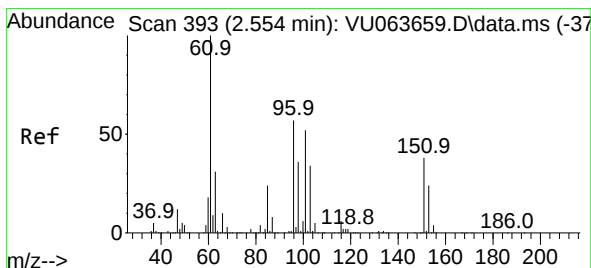
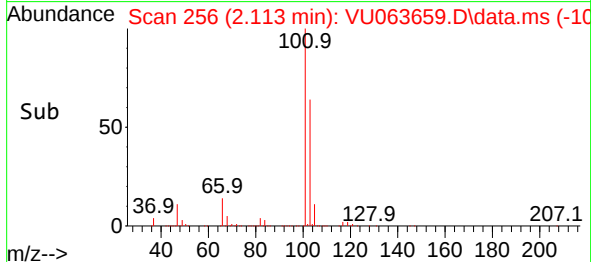
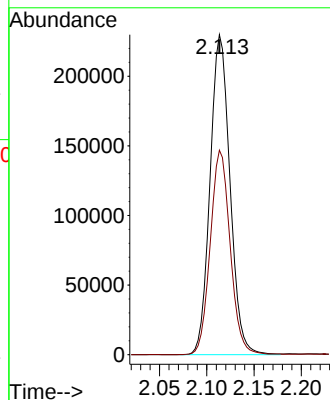
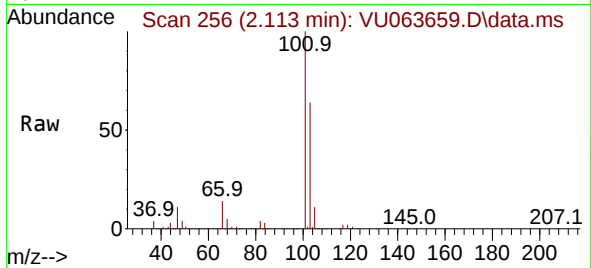




#7  
 Trichlorofluoromethane  
 Concen: 10.667 ug/l  
 RT: 2.113 min Scan# 256  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

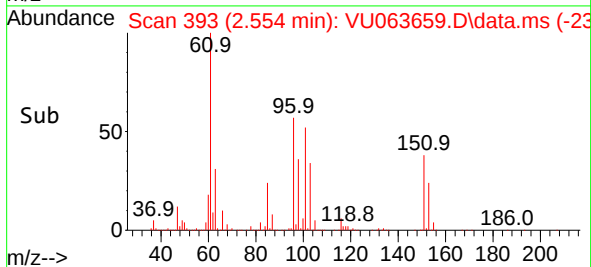
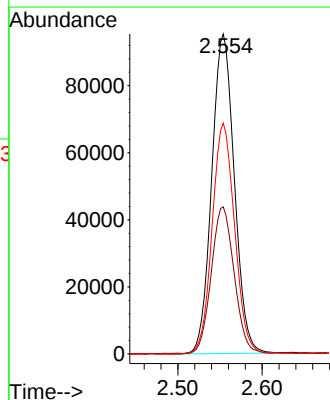
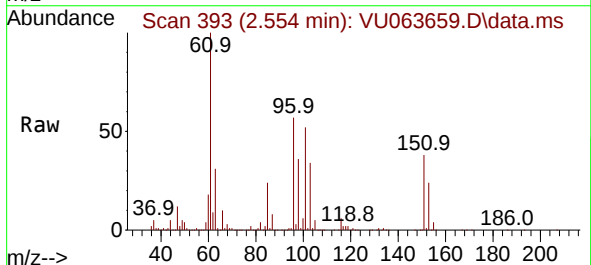
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICCC010

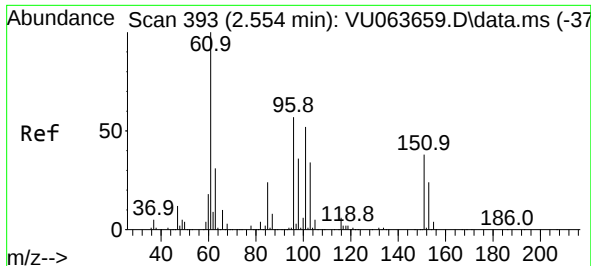
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 Ion Ratio Lower Upper  
 101 100  
 103 63.8 51.0 76.6



#8  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 10.082 ug/l  
 RT: 2.554 min Scan# 393  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

Tgt Ion:101 Resp: 177553  
 Ion Ratio Lower Upper  
 101 100  
 85 46.2 37.0 55.4  
 151 71.5 57.2 85.8

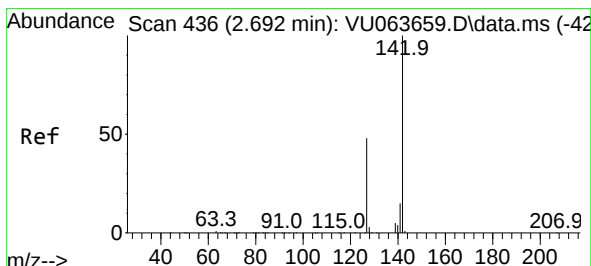
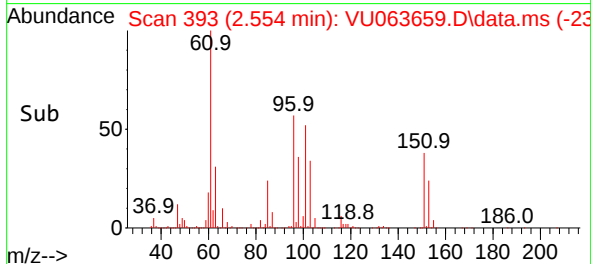
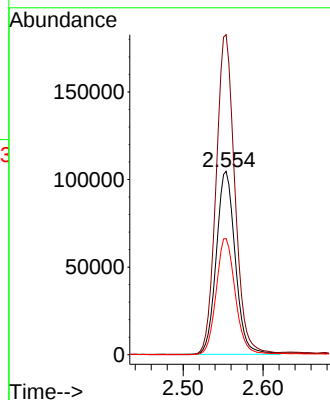
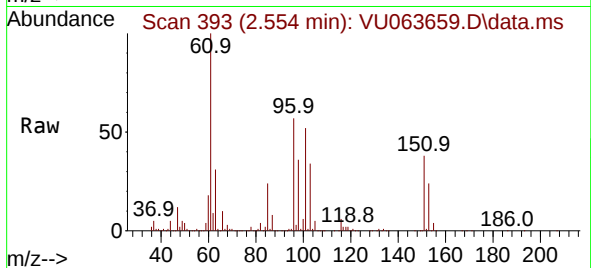




#9  
1,1-Dichloroethene  
Concen: 10.692 ug/l  
RT: 2.554 min Scan# 393  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

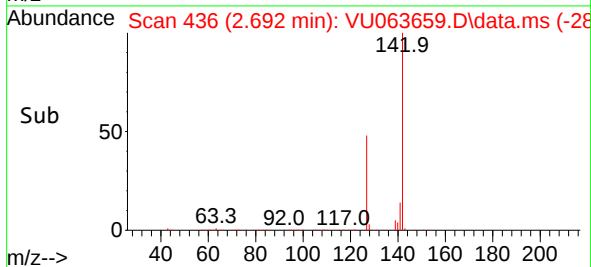
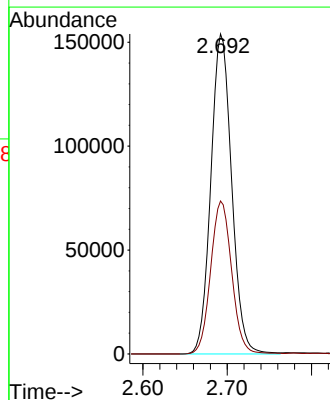
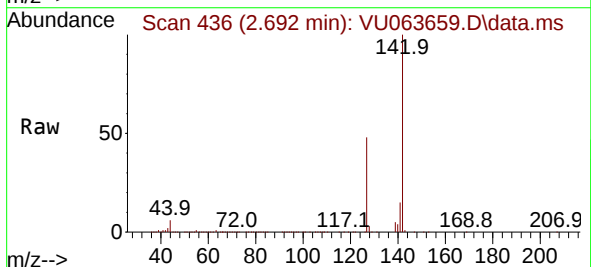
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

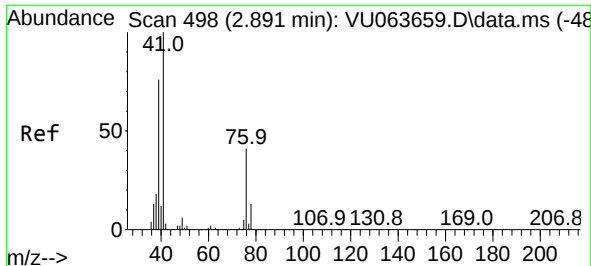
Tgt Ion: 96 Resp: 171842  
Ion Ratio Lower Upper  
96 100  
61 174.9 0.0 524.7  
98 63.4 0.0 126.8



#10  
Iodomethane  
Concen: 11.329 ug/l  
RT: 2.692 min Scan# 436  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion: 142 Resp: 264124  
Ion Ratio Lower Upper  
142 100  
127 48.3 38.6 58.0

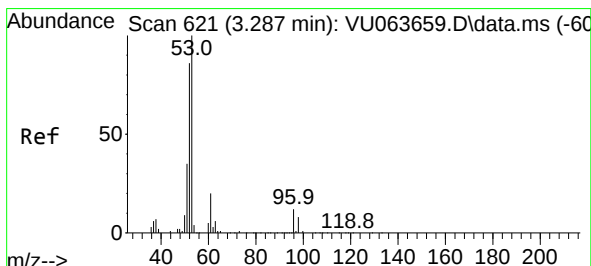
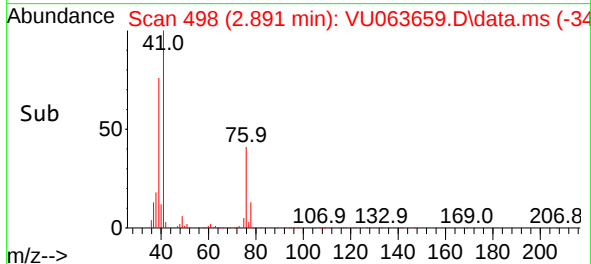
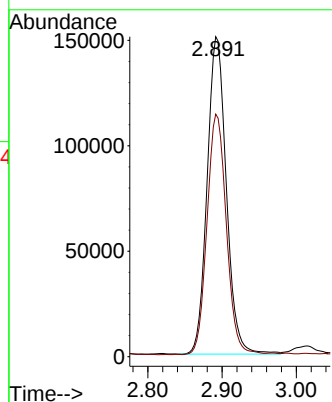
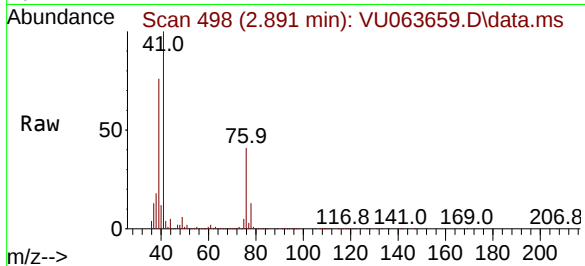




#11  
 Allyl Chloride  
 Concen: 10.233 ug/l  
 RT: 2.891 min Scan# 498  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

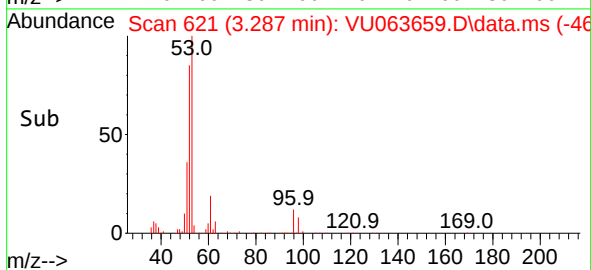
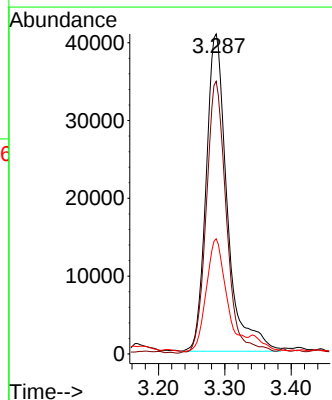
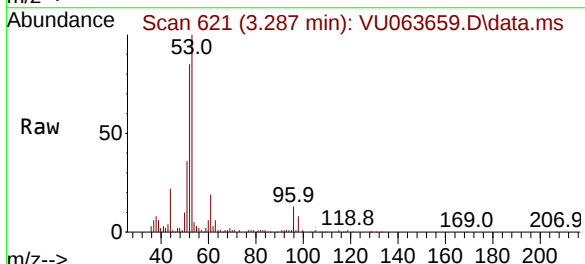
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICCC010

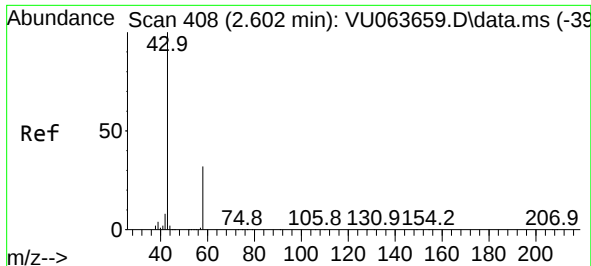
Tgt Ion: 41 Resp: 269936  
 Ion Ratio Lower Upper  
 41 100  
 39 76.2 61.0 91.4



#12  
 Acrylonitrile  
 Concen: 19.040 ug/l  
 RT: 3.287 min Scan# 621  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

Tgt Ion: 53 Resp: 90377  
 Ion Ratio Lower Upper  
 53 100  
 52 81.7 65.4 98.0  
 51 34.5 27.6 41.4





#13

Acetone

Concen: 50.750 ug/l

RT: 2.602 min Scan# 408

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Instrument :

MSVOA\_U

ClientSampleId :

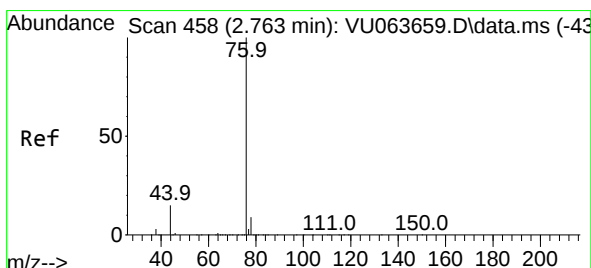
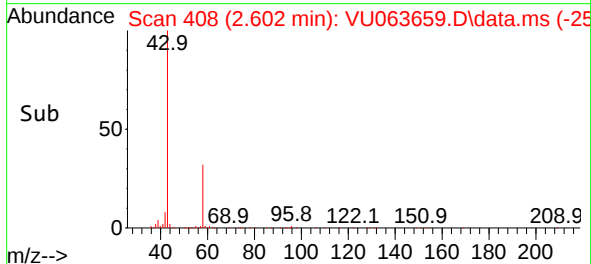
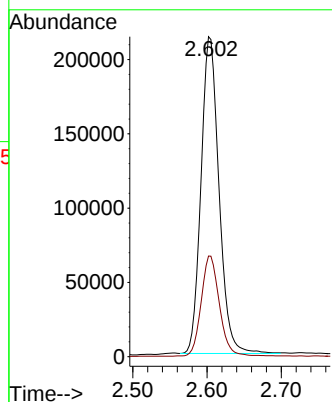
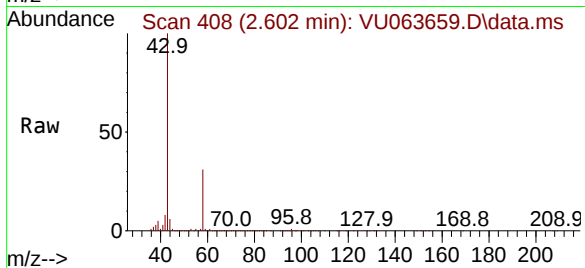
VSTDICCC010

Tgt Ion: 43 Resp: 358492

Ion Ratio Lower Upper

43 100

58 31.5 25.2 37.8



#14

Carbon Disulfide

Concen: 13.469 ug/l

RT: 2.763 min Scan# 458

Delta R.T. 0.000 min

Lab File: VU063659.D

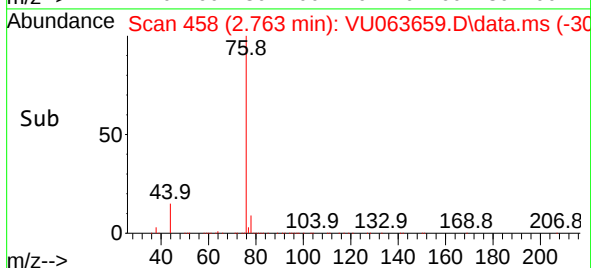
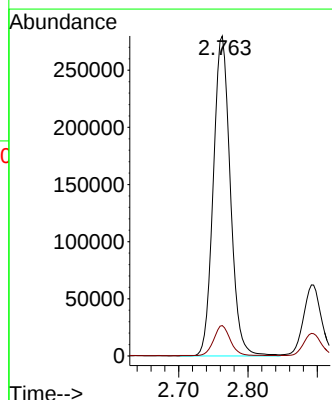
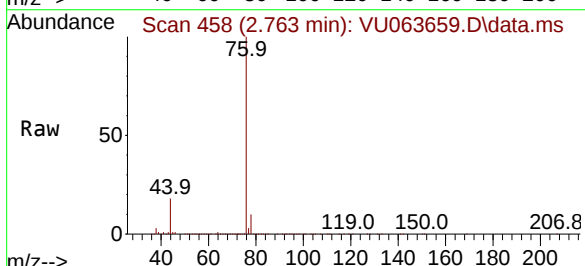
Acq: 31 Oct 2025 11:35

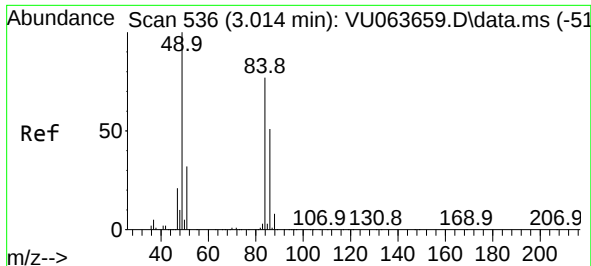
Tgt Ion: 76 Resp: 477346

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

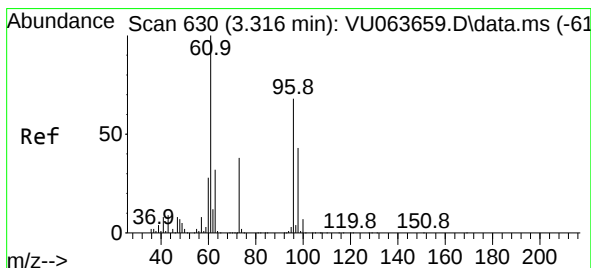
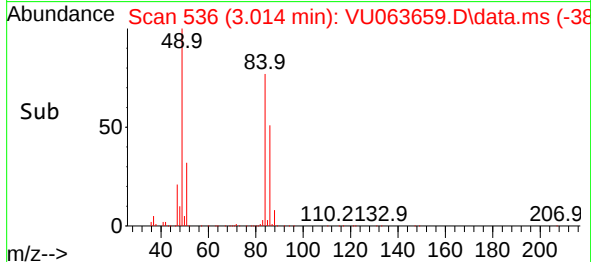
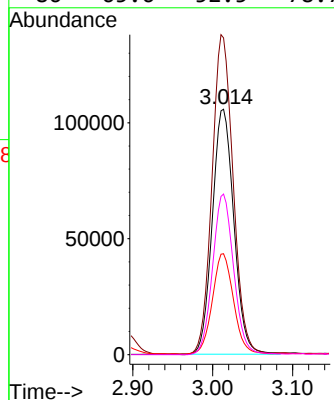
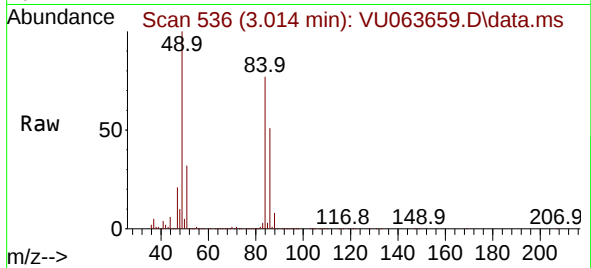




#15  
Methylene Chloride  
Concen: 9.406 ug/l  
RT: 3.014 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

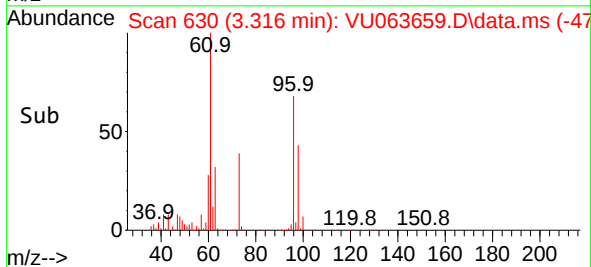
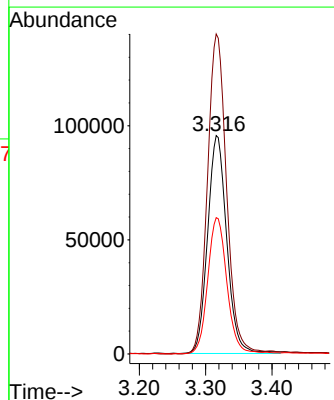
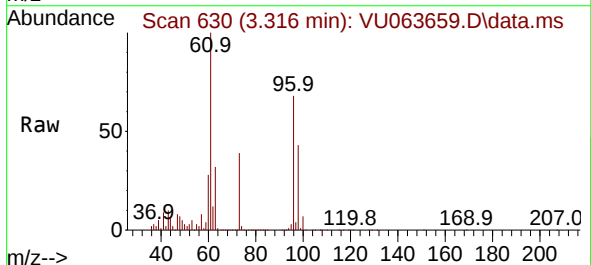
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

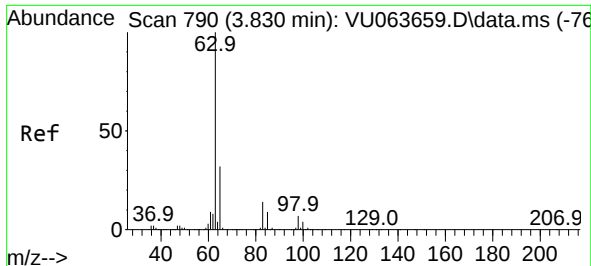
Tgt Ion: 84 Resp: 197662  
Ion Ratio Lower Upper  
84 100  
49 129.2 103.4 155.0  
51 40.8 0.0 81.6  
86 65.6 52.5 78.7



#16  
trans-1,2-Dichloroethene  
Concen: 11.117 ug/l  
RT: 3.316 min Scan# 630  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion: 96 Resp: 192166  
Ion Ratio Lower Upper  
96 100  
61 146.8 117.4 176.2  
98 62.4 49.9 74.9

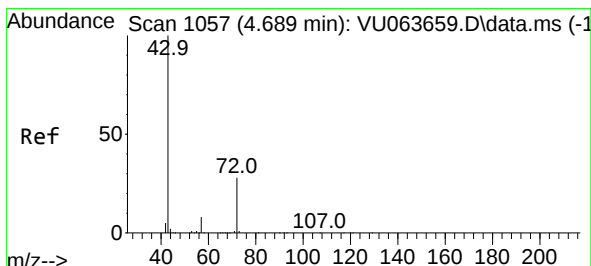
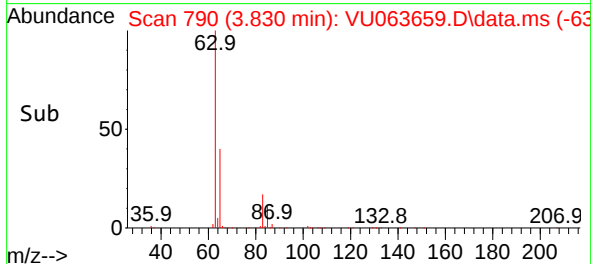
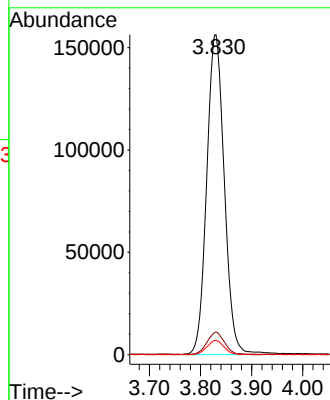
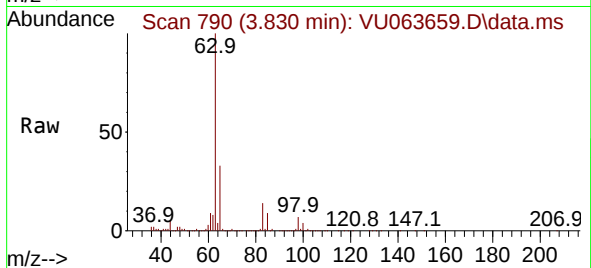




#17  
 1,1-Dichloroethane  
 Concen: 9.732 ug/l  
 RT: 3.830 min Scan# 790  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

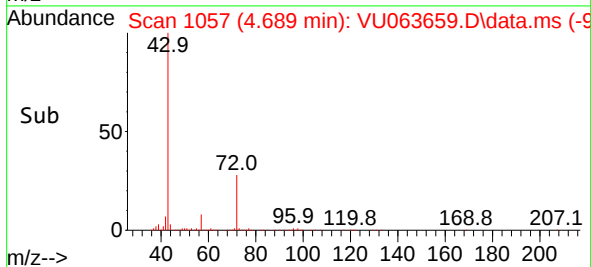
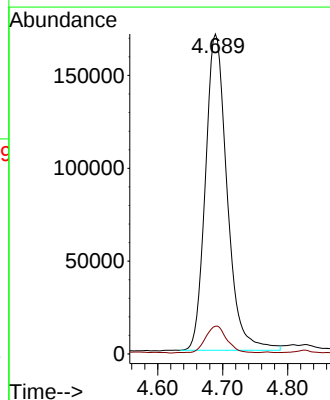
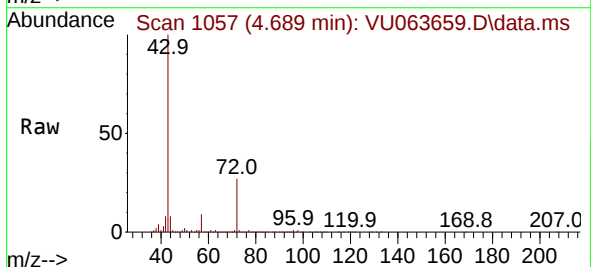
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICCC010

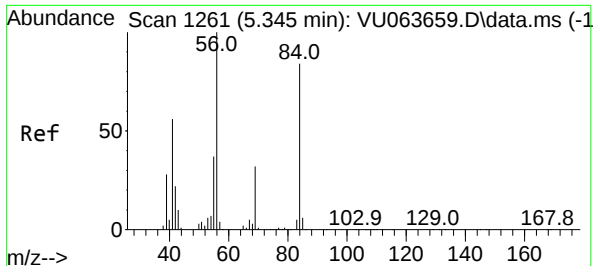
Tgt Ion: 63 Resp: 375353  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.5 10.5  
 100 4.4 2.2 6.6



#18  
 2-Butanone  
 Concen: 50.429 ug/l  
 RT: 4.689 min Scan# 1057  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

Tgt Ion: 43 Resp: 396675  
 Ion Ratio Lower Upper  
 43 100  
 57 8.3 0.0 16.6





#19

Cyclohexane

Concen: 9.592 ug/l

RT: 5.345 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICCC010

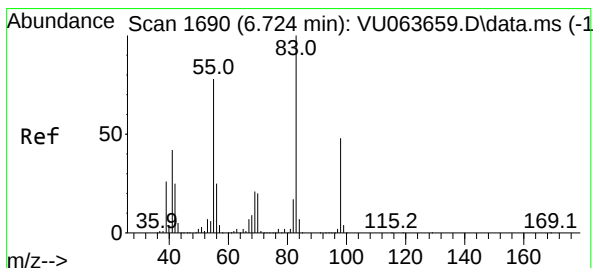
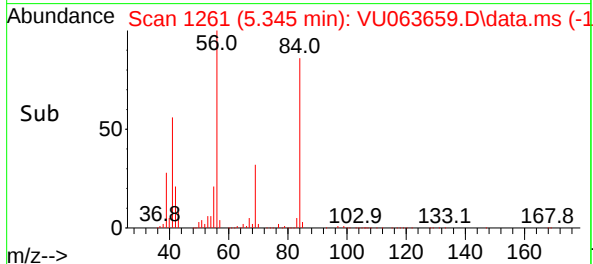
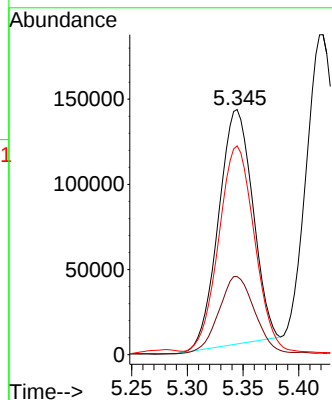
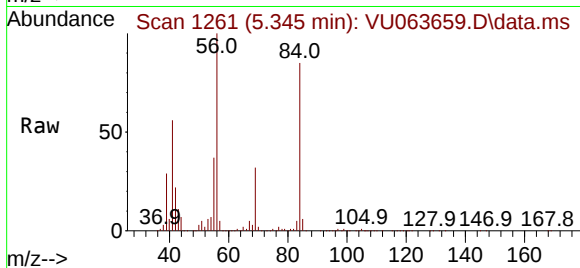
Tgt Ion: 56 Resp: 294602

Ion Ratio Lower Upper

56 100

69 33.9 27.1 40.7

84 91.7 73.4 110.0



#20

Methylcyclohexane

Concen: 12.205 ug/l

RT: 6.724 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

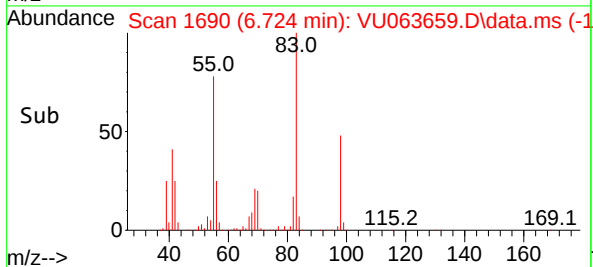
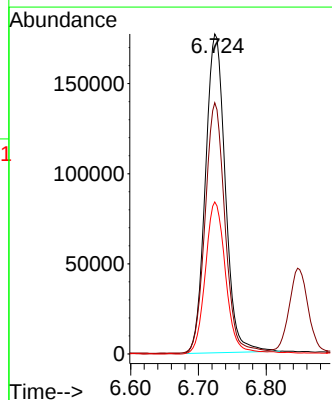
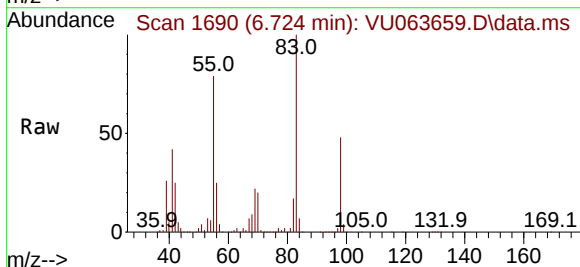
Tgt Ion: 83 Resp: 360387

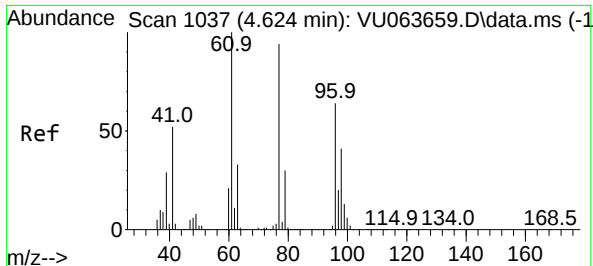
Ion Ratio Lower Upper

83 100

55 76.9 61.5 92.3

98 47.4 37.9 56.9

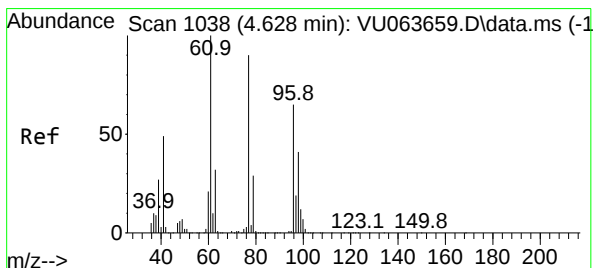
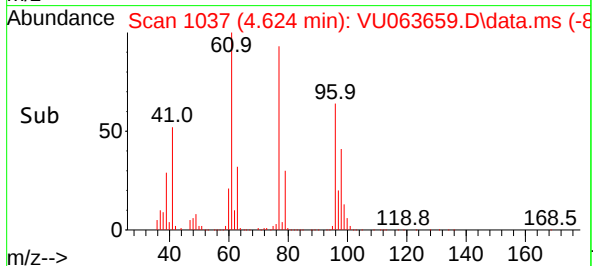
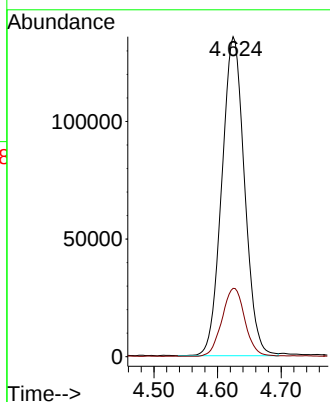
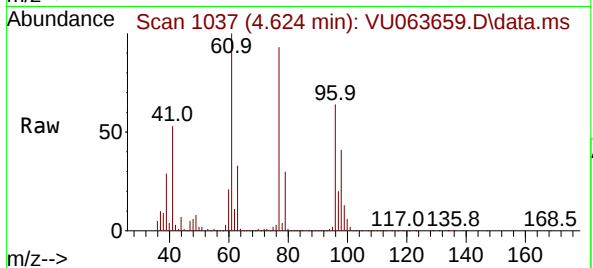




#21  
2,2-Dichloropropane  
Concen: 11.417 ug/l  
RT: 4.624 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

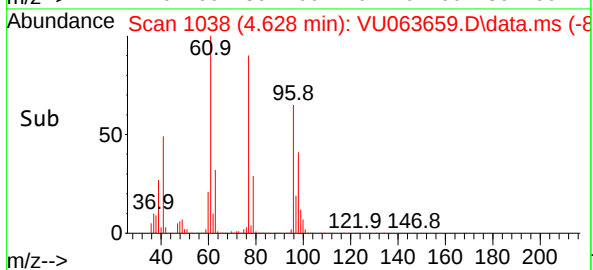
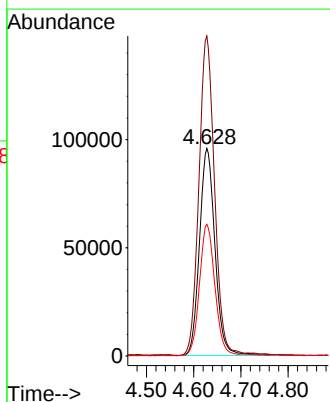
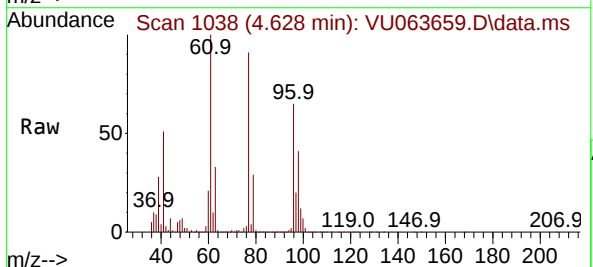
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

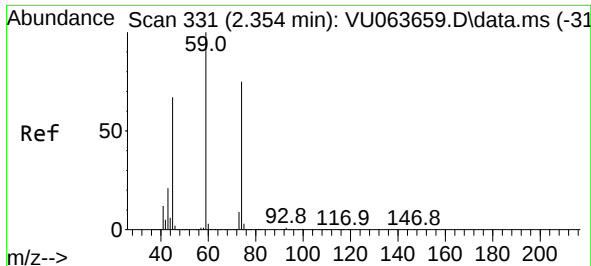
Tgt Ion: 77 Resp: 336021  
Ion Ratio Lower Upper  
77 100  
97 21.4 17.1 25.7



#22  
cis-1,2-Dichloroethene  
Concen: 10.466 ug/l  
RT: 4.628 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion: 96 Resp: 219024  
Ion Ratio Lower Upper  
96 100  
61 154.0 0.0 385.0  
98 62.6 31.3 93.9

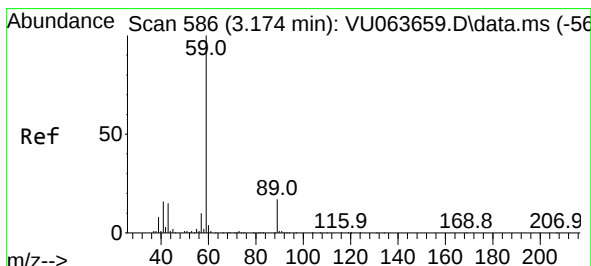
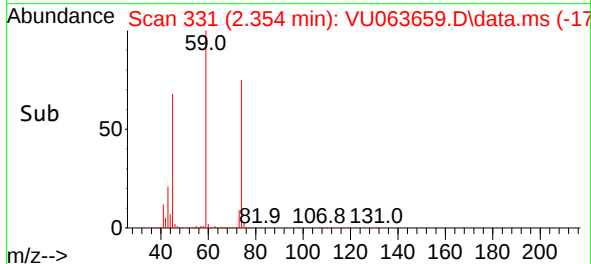
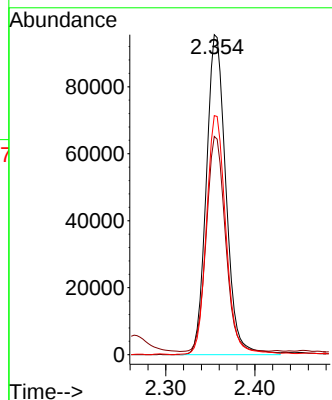
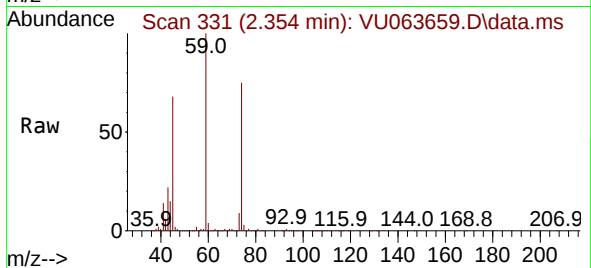




#23  
Diethyl Ether  
Concen: 10.282 ug/l  
RT: 2.354 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

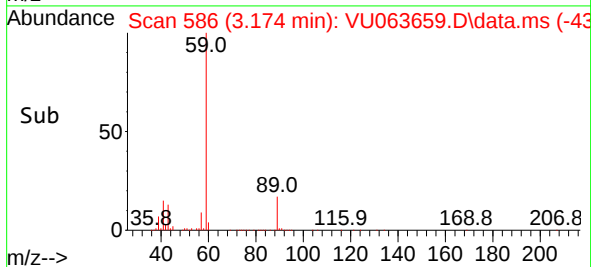
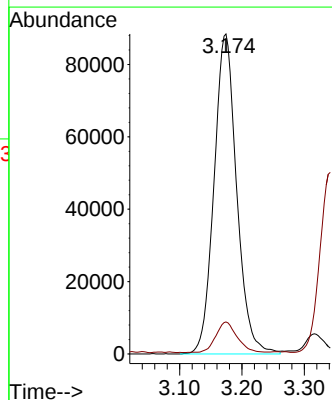
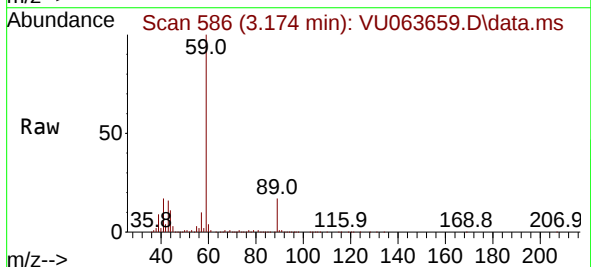
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

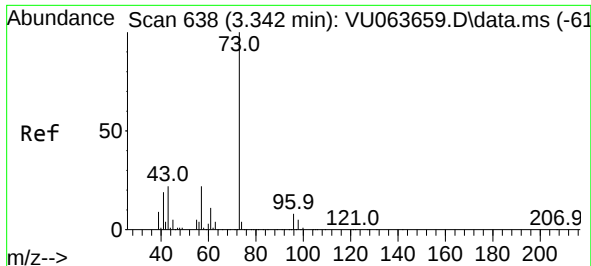
Tgt Ion: 59 Resp: 145598  
Ion Ratio Lower Upper  
59 100  
45 65.7 52.6 78.8  
74 74.3 59.4 89.2



#24  
tert-Butyl Alcohol  
Concen: 114.175 ug/l  
RT: 3.174 min Scan# 586  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion: 59 Resp: 223185  
Ion Ratio Lower Upper  
59 100  
57 9.0 7.2 10.8

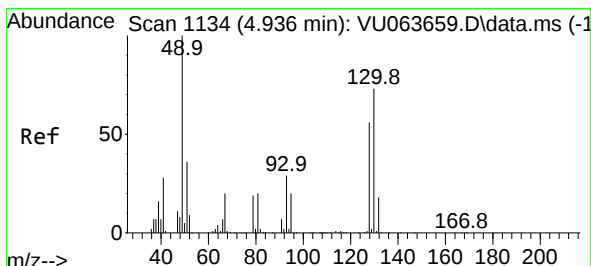
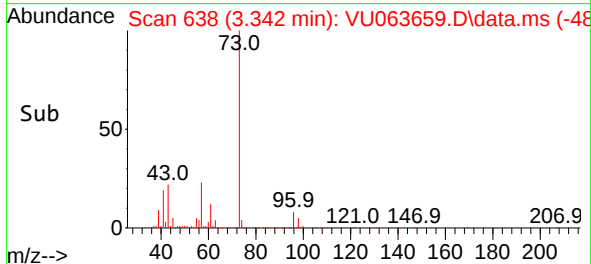
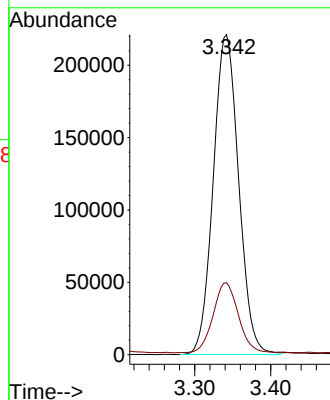
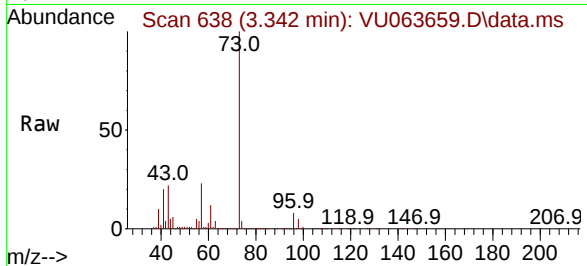




#25  
Methyl tert-Butyl Ether  
Concen: 10.687 ug/l  
RT: 3.342 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

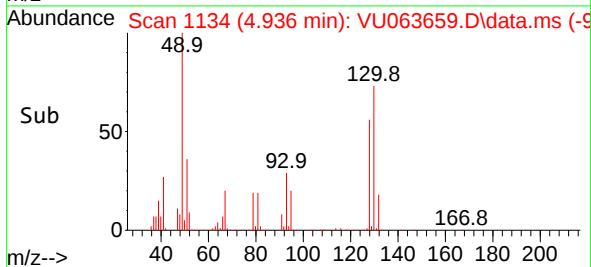
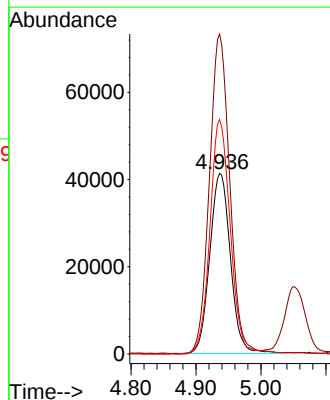
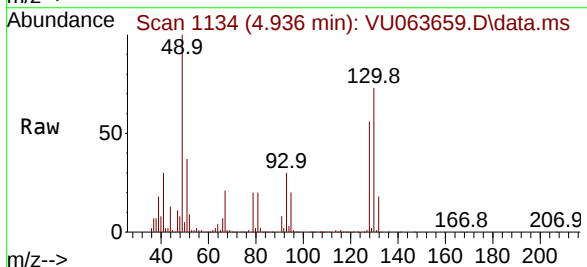
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

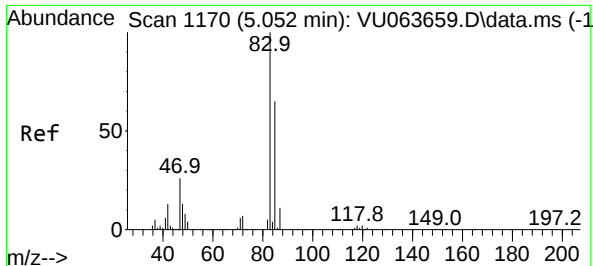
Tgt Ion: 73 Resp: 512792  
Ion Ratio Lower Upper  
73 100  
43 21.7 17.4 26.0



#26  
Bromochloromethane  
Concen: 10.733 ug/l  
RT: 4.936 min Scan# 1134  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion: 128 Resp: 91129  
Ion Ratio Lower Upper  
128 100  
49 174.8 0.0 349.6  
130 128.4 102.7 154.1





#27

Chloroform

Concen: 9.834 ug/l

RT: 5.052 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Instrument :

MSVOA\_U

ClientSampleId :

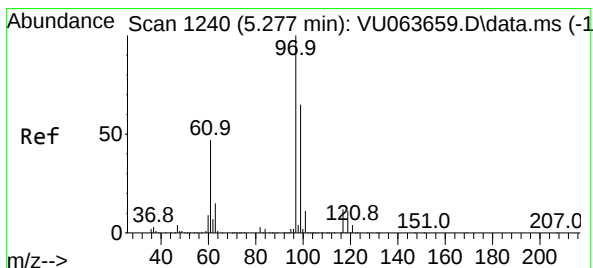
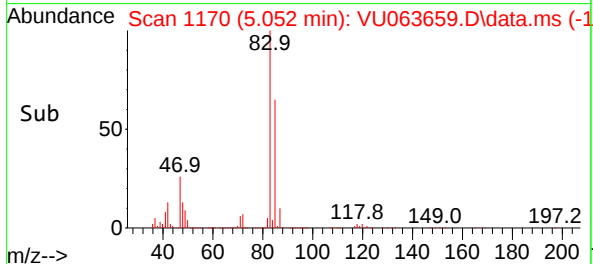
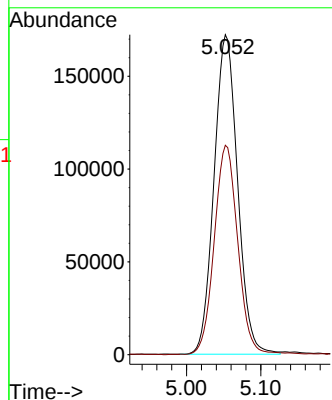
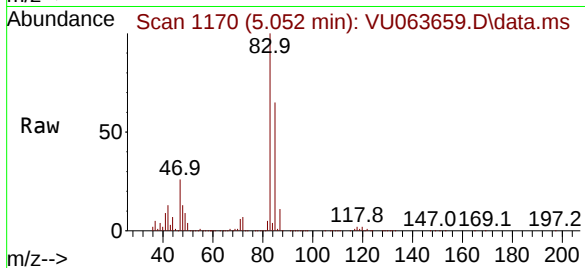
VSTDICCC010

Tgt Ion: 83 Resp: 380091

Ion Ratio Lower Upper

83 100

85 65.4 0.0 130.8



#28

1,1,1-Trichloroethane

Concen: 11.205 ug/l

RT: 5.277 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

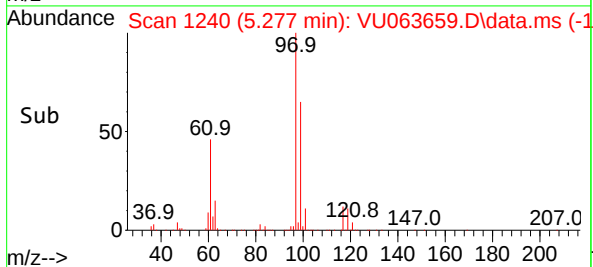
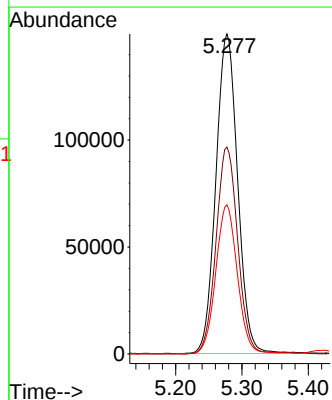
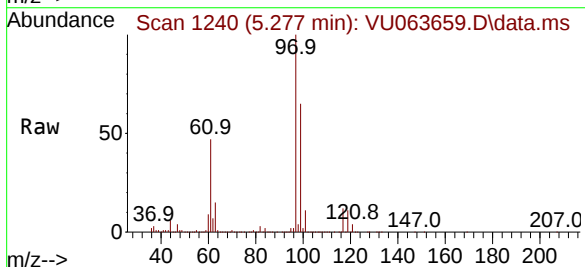
Tgt Ion: 97 Resp: 340416

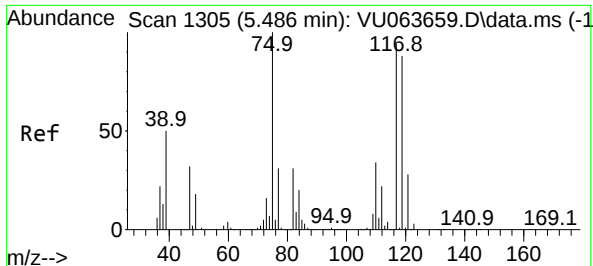
Ion Ratio Lower Upper

97 100

99 64.5 32.3 96.8

61 46.5 23.3 69.8





#29

1,1-Dichloropropene

Concen: 10.362 ug/l

RT: 5.486 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICCC010

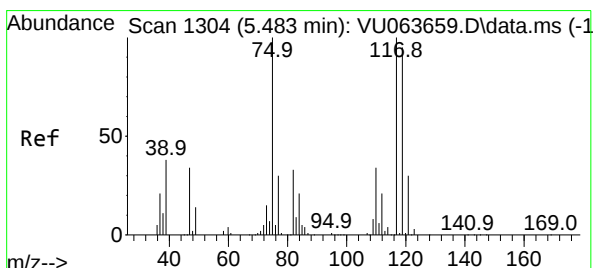
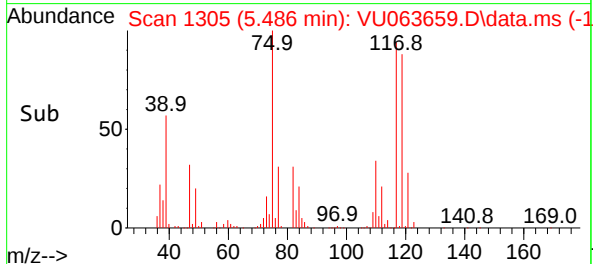
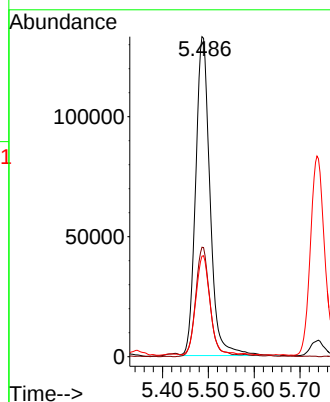
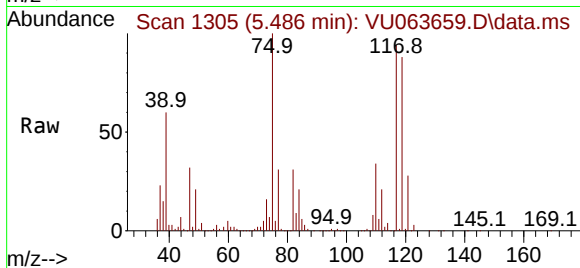
Tgt Ion: 75 Resp: 290213

Ion Ratio Lower Upper

75 100

110 34.3 17.2 51.5

77 30.6 24.5 36.7



#30

Carbon Tetrachloride

Concen: 12.291 ug/l

RT: 5.483 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

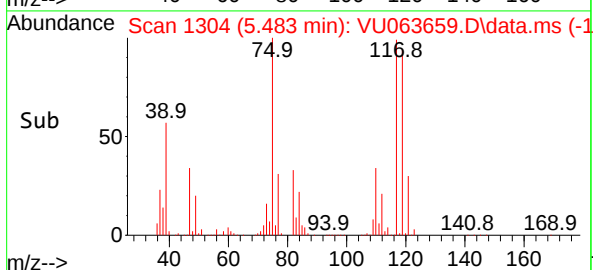
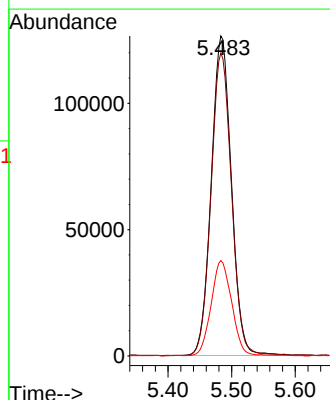
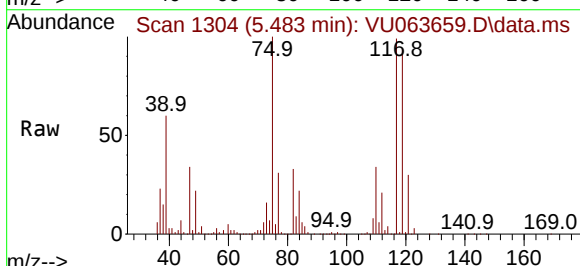
Tgt Ion: 117 Resp: 278547

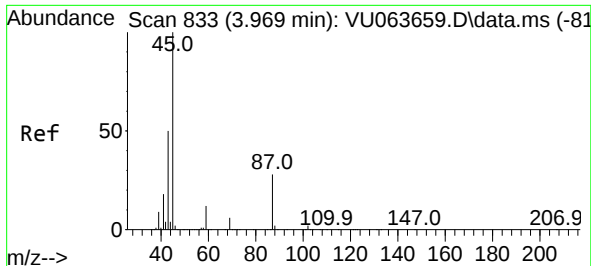
Ion Ratio Lower Upper

117 100

119 94.6 75.7 113.5

121 29.7 23.8 35.6

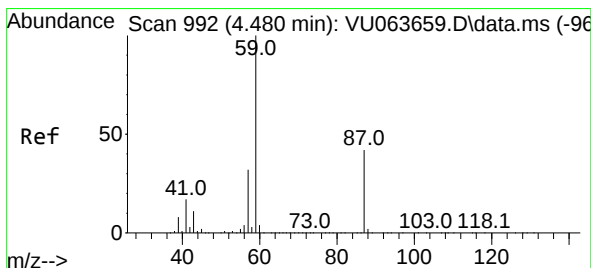
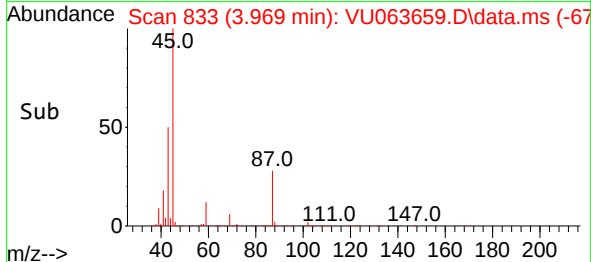
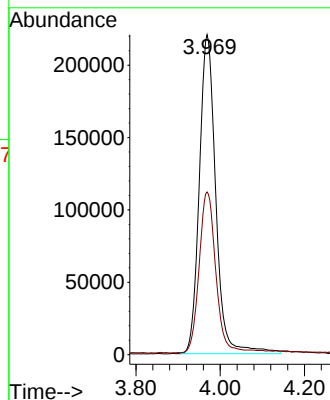
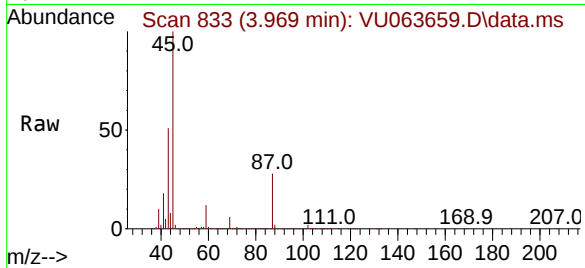




#31  
Isopropyl Ether  
Concen: 9.336 ug/l  
RT: 3.969 min Scan# 833  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

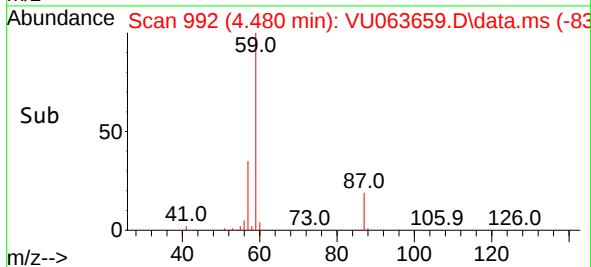
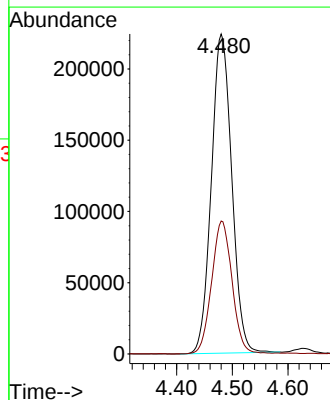
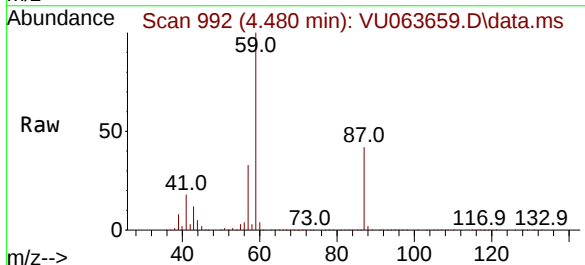
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

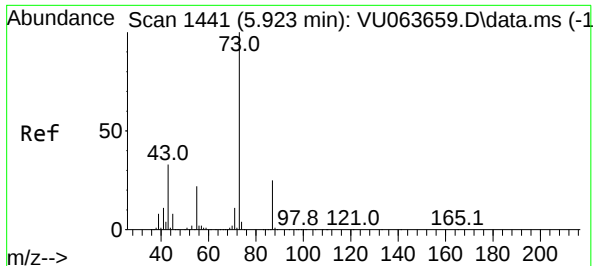
Tgt Ion: 45 Resp: 599391  
Ion Ratio Lower Upper  
45 100  
43 50.6 25.3 75.9



#32  
Ethyl-t-butyl ether  
Concen: 10.191 ug/l  
RT: 4.480 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion: 59 Resp: 569883  
Ion Ratio Lower Upper  
59 100  
87 41.3 33.0 49.6

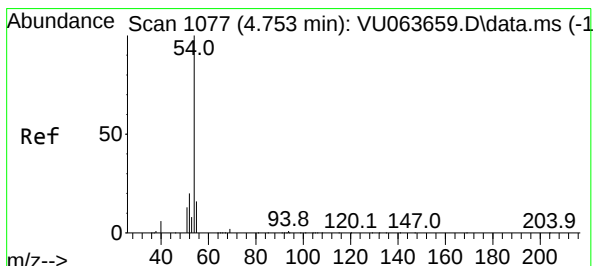
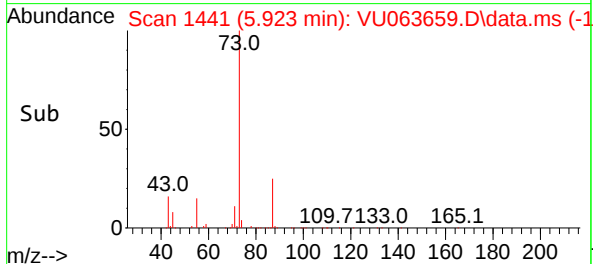
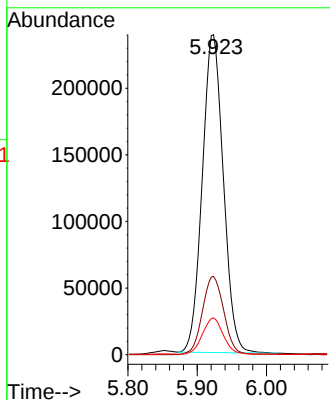
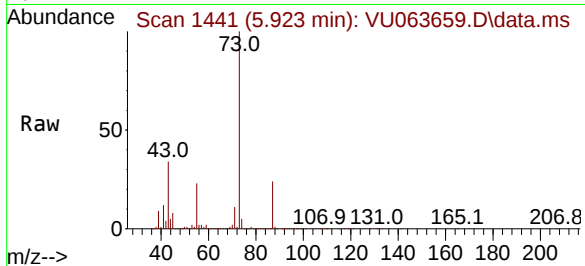




#33  
Tert-Amyl methyl ether  
Concen: 10.512 ug/l  
RT: 5.923 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

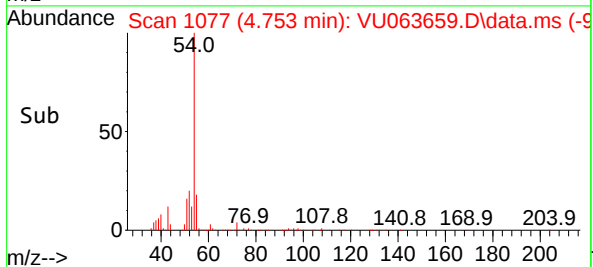
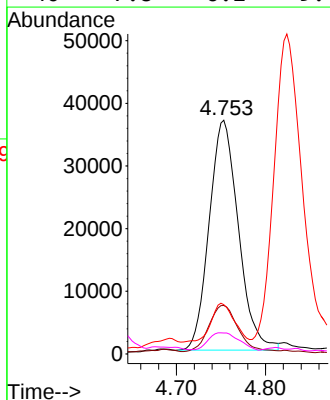
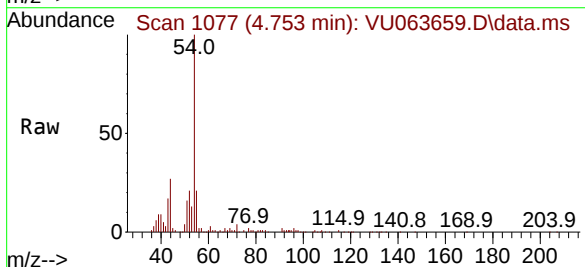
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

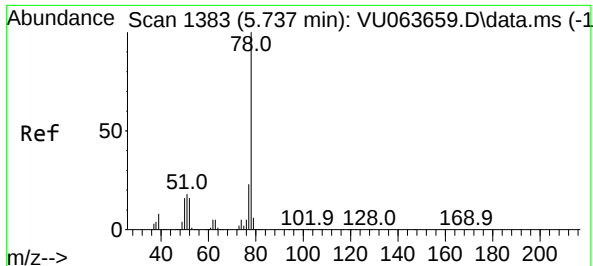
Tgt Ion: 73 Resp: 503927  
Ion Ratio Lower Upper  
73 100  
87 25.0 20.0 30.0  
71 11.2 9.0 13.4



#34  
Propionitrile  
Concen: 46.606 ug/l  
RT: 4.753 min Scan# 1077  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion: 54 Resp: 83614  
Ion Ratio Lower Upper  
54 100  
52 19.7 15.8 23.6  
55 14.1 11.3 16.9  
40 7.8 6.2 9.4

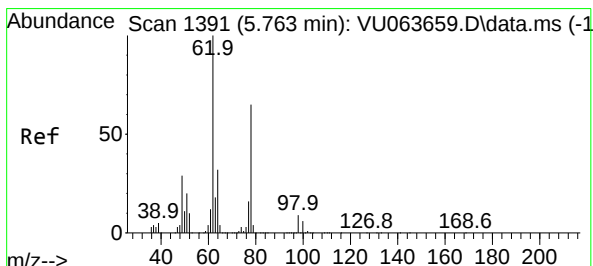
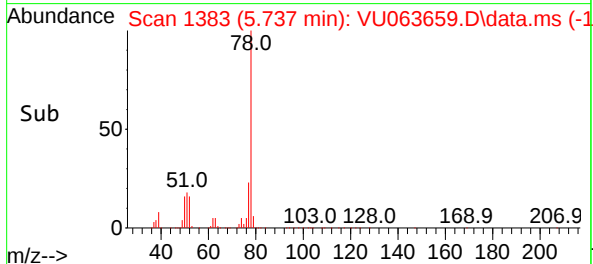
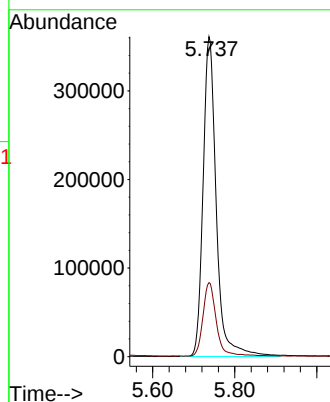
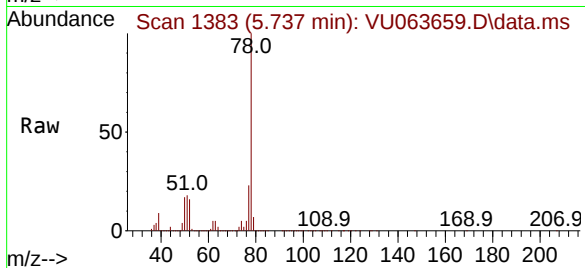




#35  
Benzene  
Concen: 10.092 ug/l  
RT: 5.737 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

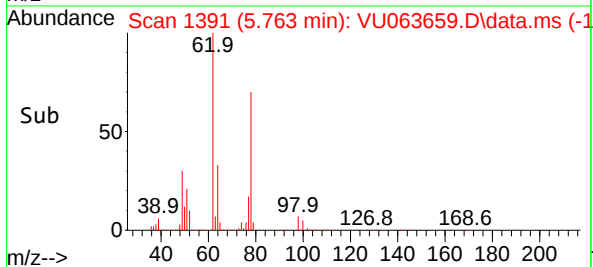
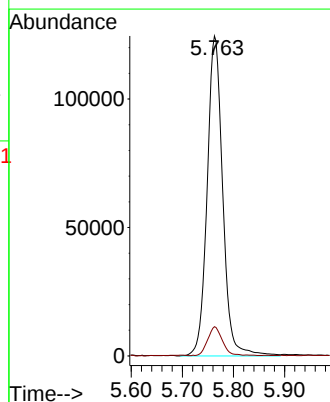
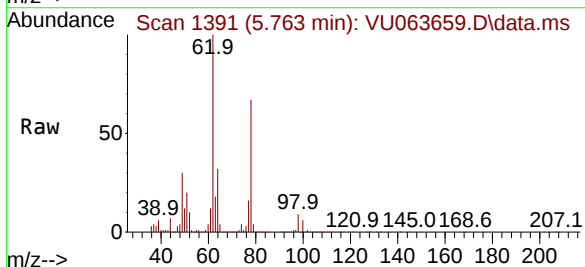
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

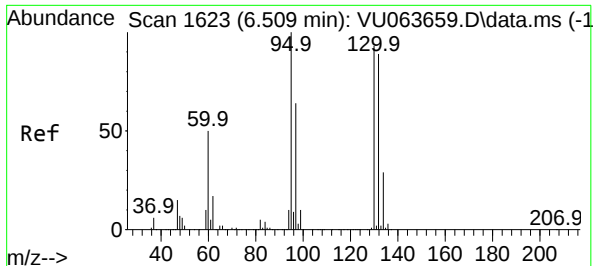
Tgt Ion: 78 Resp: 804734  
Ion Ratio Lower Upper  
78 100  
77 22.9 18.3 27.5



#36  
1,2-Dichloroethane  
Concen: 9.844 ug/l  
RT: 5.763 min Scan# 1391  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion: 62 Resp: 264281  
Ion Ratio Lower Upper  
62 100  
98 8.5 6.8 10.2





#37

Trichloroethene

Concen: 10.727 ug/l

RT: 6.509 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Instrument :

MSVOA\_U

ClientSampleId :

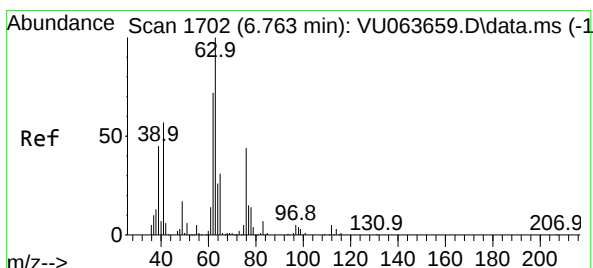
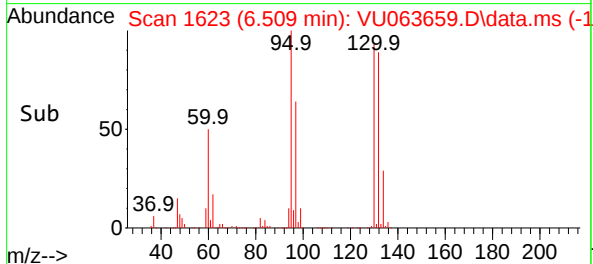
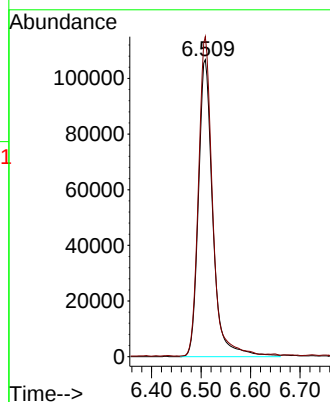
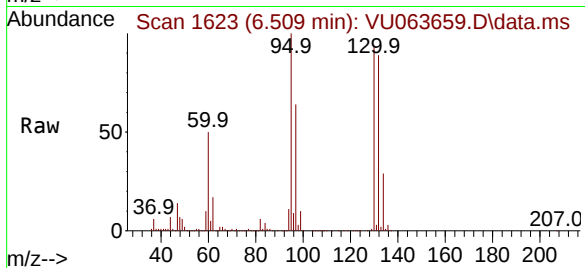
VSTDICCC010

Tgt Ion:130 Resp: 216261

Ion Ratio Lower Upper

130 100

95 107.5 86.0 129.0



#38

1,2-Dichloropropane

Concen: 10.720 ug/l

RT: 6.763 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VU063659.D

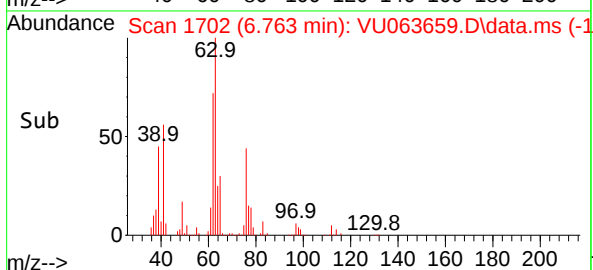
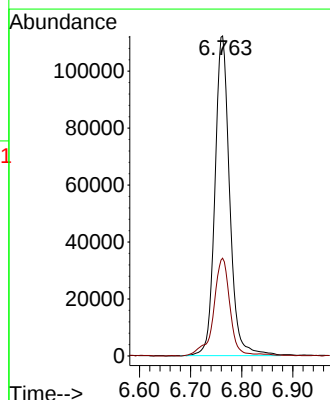
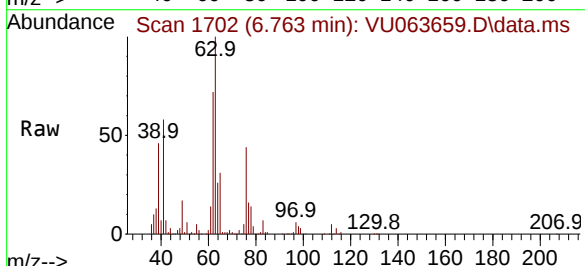
Acq: 31 Oct 2025 11:35

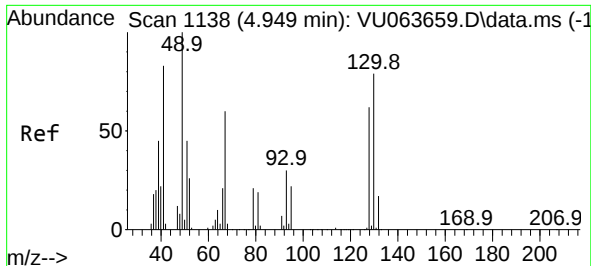
Tgt Ion: 63 Resp: 225540

Ion Ratio Lower Upper

63 100

65 30.6 24.5 36.7





#39

Methacrylonitrile

Concen: 8.599 ug/l

RT: 4.949 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 72767

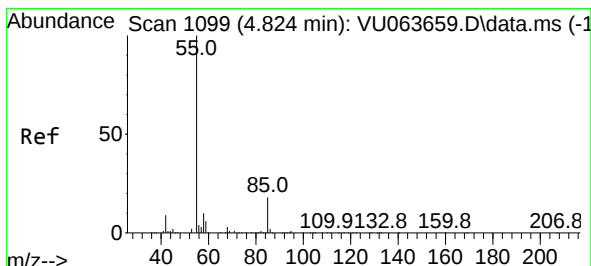
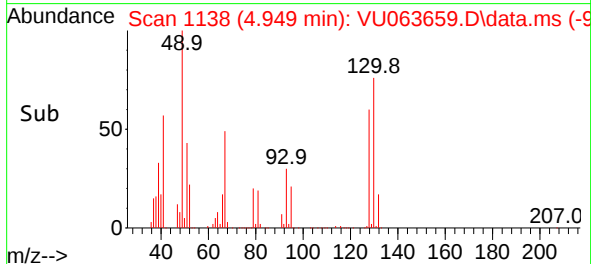
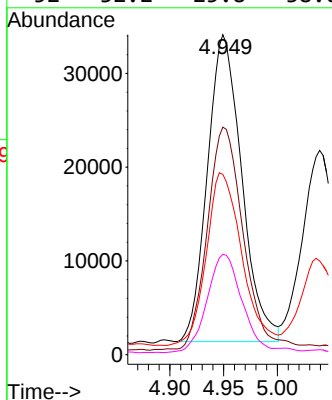
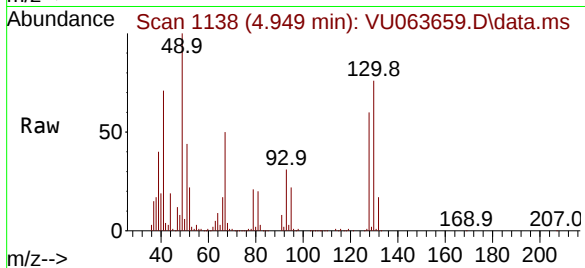
Ion Ratio Lower Upper

41 100

67 76.8 61.4 92.2

39 58.1 46.5 69.7

52 32.2 25.8 38.6



#40

Methyl acrylate

Concen: 9.155 ug/l

RT: 4.824 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Tgt Ion: 55 Resp: 106280

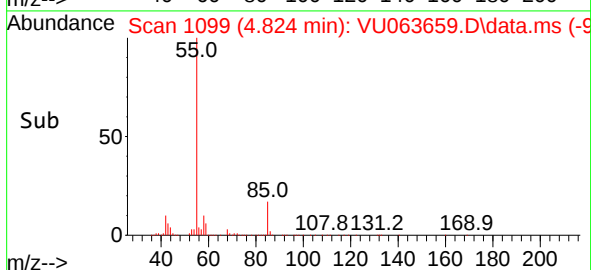
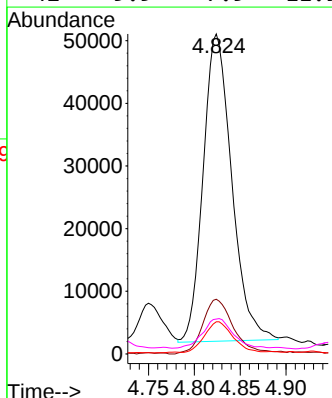
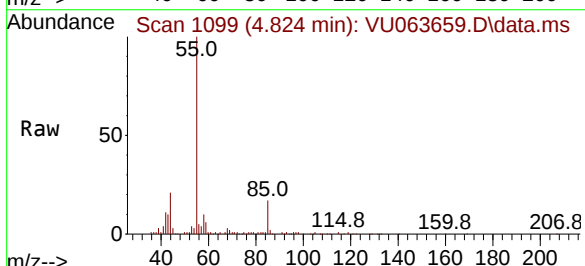
Ion Ratio Lower Upper

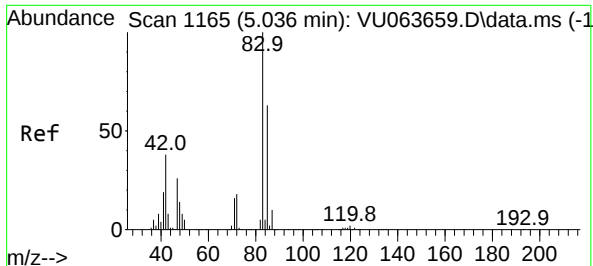
55 100

85 19.1 15.3 22.9

58 9.6 7.7 11.5

42 9.9 7.9 11.9





#41

Tetrahydrofuran

Concen: 17.099 ug/l

RT: 5.036 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICCC010

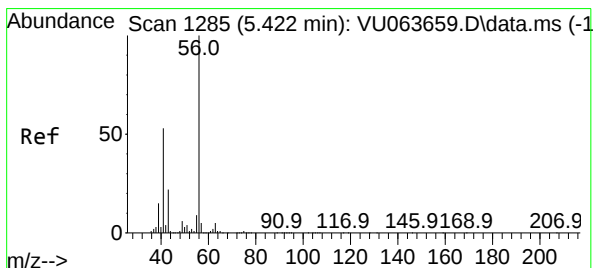
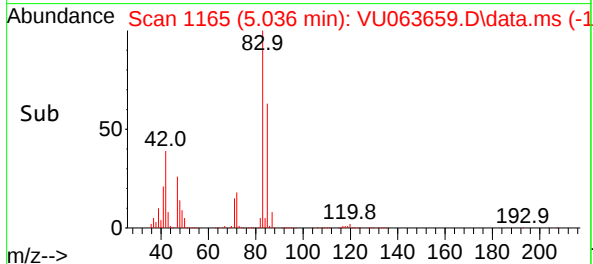
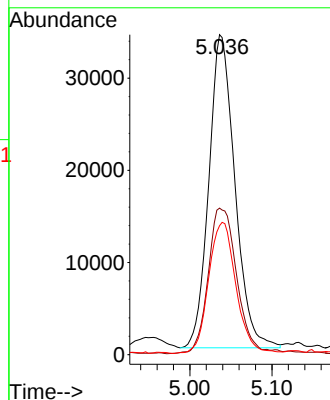
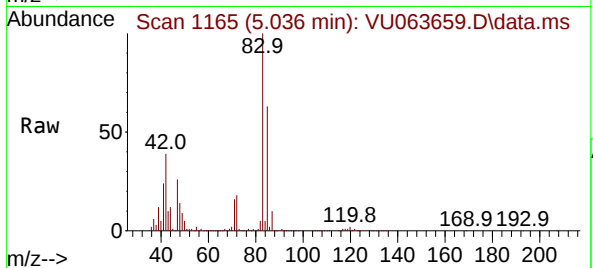
Tgt Ion: 42 Resp: 75152

Ion Ratio Lower Upper

42 100

72 50.6 40.5 60.7

71 43.8 35.0 52.6



#42

1-Chlorobutane

Concen: 10.309 ug/l

RT: 5.422 min Scan# 1285

Delta R.T. 0.000 min

Lab File: VU063659.D

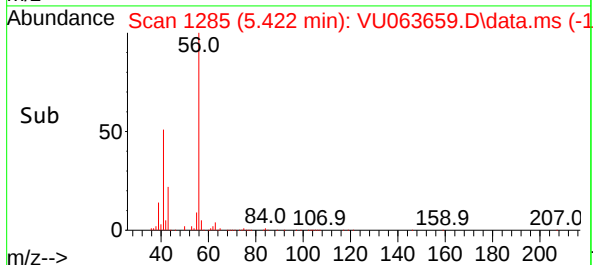
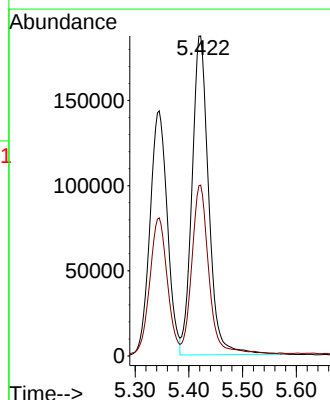
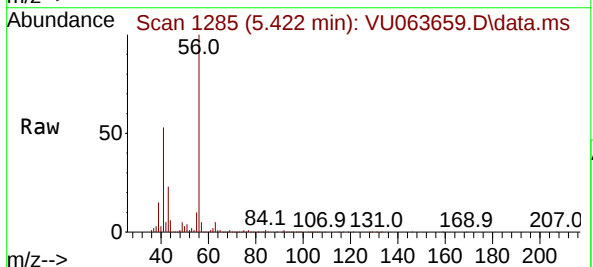
Acq: 31 Oct 2025 11:35

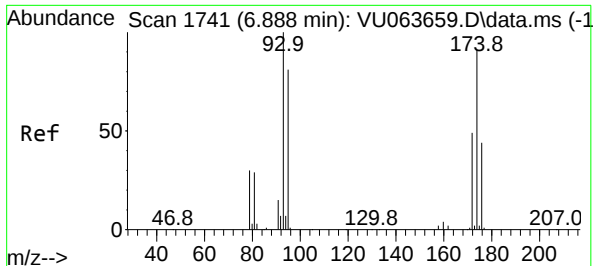
Tgt Ion: 56 Resp: 402421

Ion Ratio Lower Upper

56 100

41 51.7 25.9 77.6

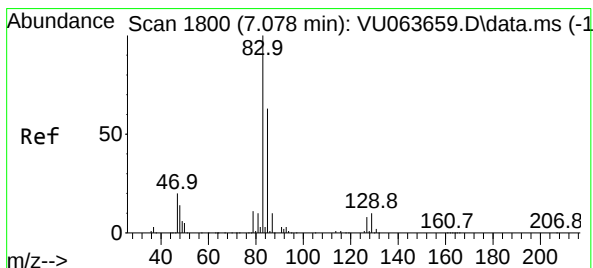
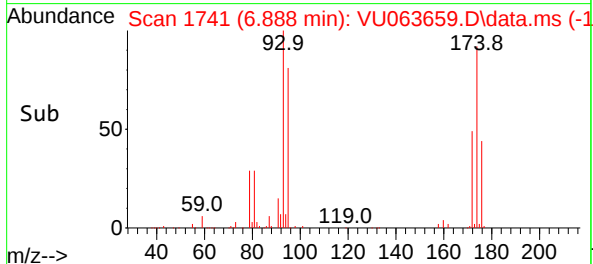
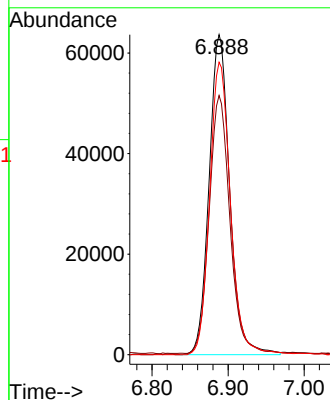
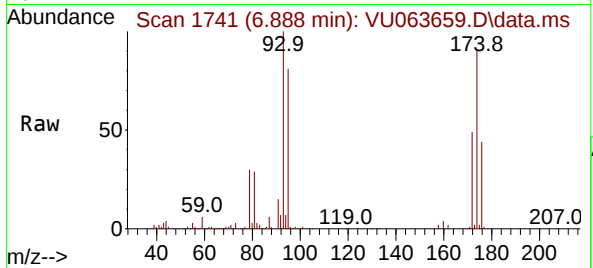




#43  
Dibromomethane  
Concen: 11.535 ug/l  
RT: 6.888 min Scan# 1741  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

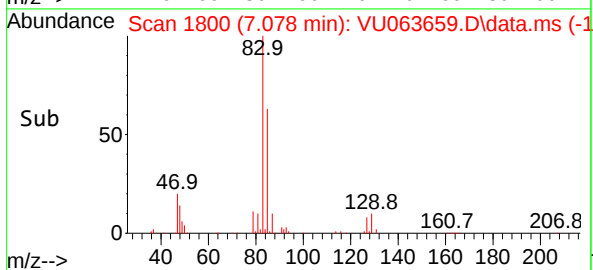
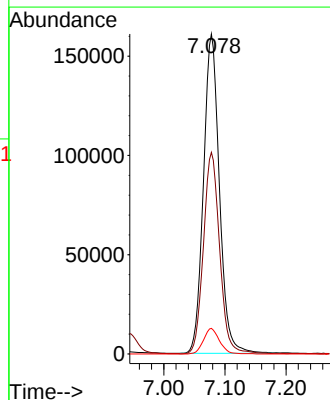
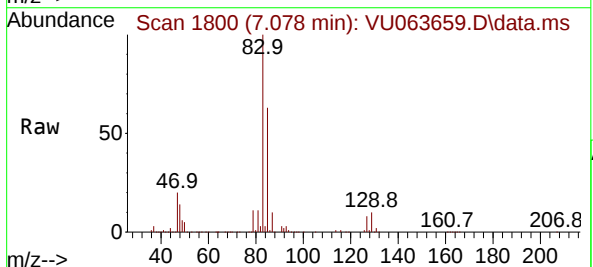
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

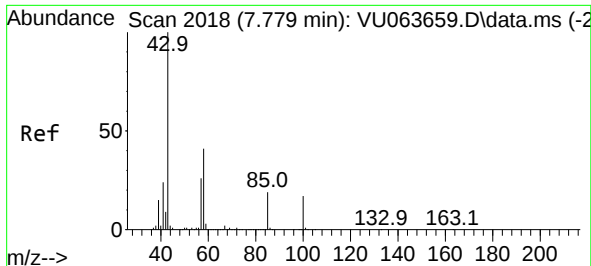
Tgt Ion: 93 Resp: 120095  
Ion Ratio Lower Upper  
93 100  
95 80.8 64.6 97.0  
174 92.3 73.8 110.8



#44  
Bromodichloromethane  
Concen: 12.878 ug/l  
RT: 7.078 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion: 83 Resp: 291367  
Ion Ratio Lower Upper  
83 100  
85 63.1 50.5 75.7  
127 8.0 6.4 9.6

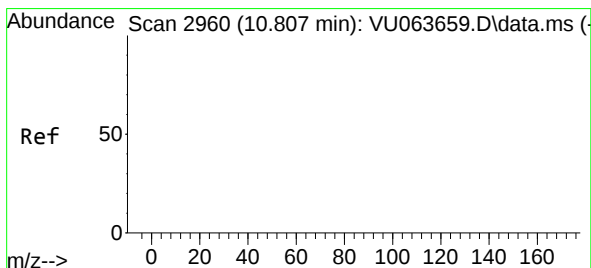
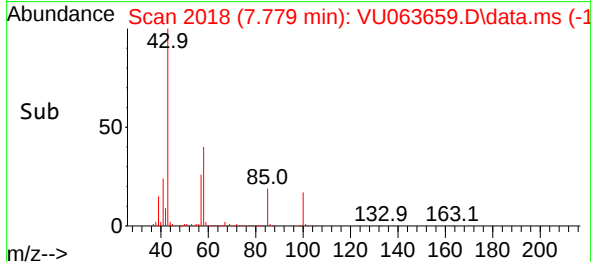
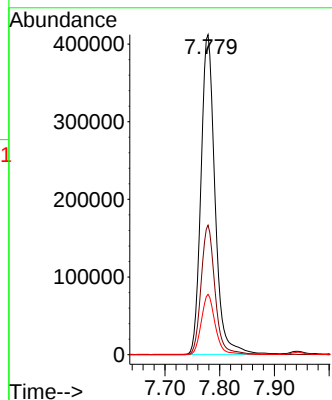
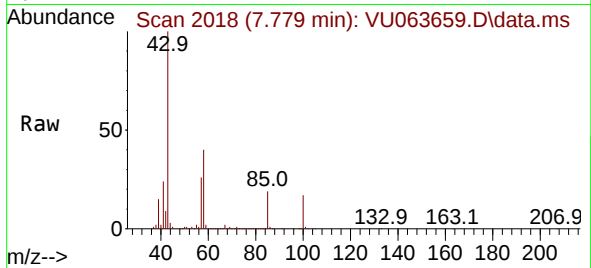




#45  
4-Methyl-2-Pentanone  
Concen: 56.814 ug/l  
RT: 7.779 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

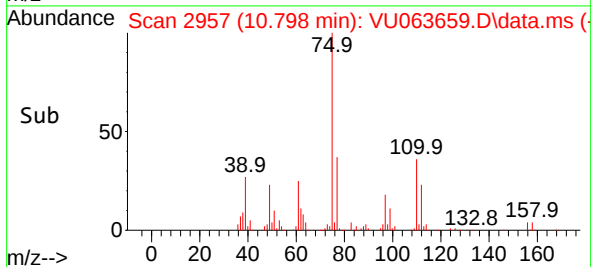
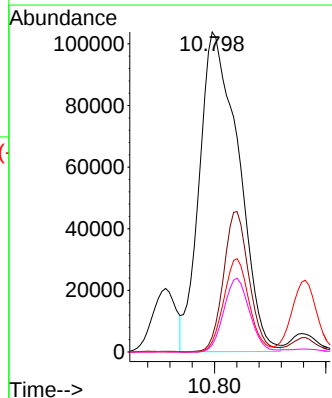
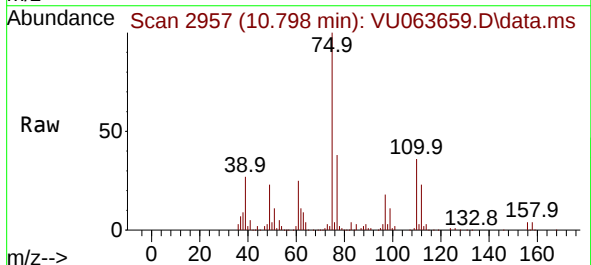
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

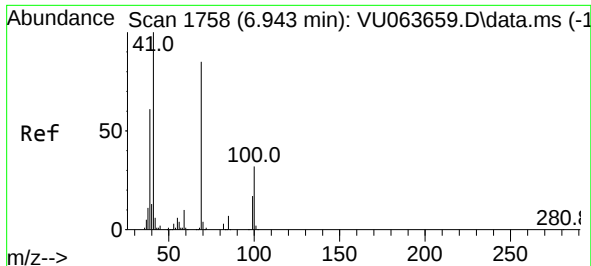
Tgt Ion: 43 Resp: 734725  
Ion Ratio Lower Upper  
43 100  
58 40.3 20.2 60.5  
85 18.8 15.0 22.6



#46  
t-1,4-Dichloro-2-butene  
Concen: 53.112 ug/l  
RT: 10.798 min Scan# 2957  
Delta R.T. -0.010 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion: 75 Resp: 252208  
Ion Ratio Lower Upper  
75 100  
53 29.1 57.2 85.8#  
89 19.3 37.9 56.9#  
88 15.3 30.1 45.1#





#47

Methyl methacrylate

Concen: 24.445 ug/l

RT: 6.943 min Scan# 1758

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 69 Resp: 230056

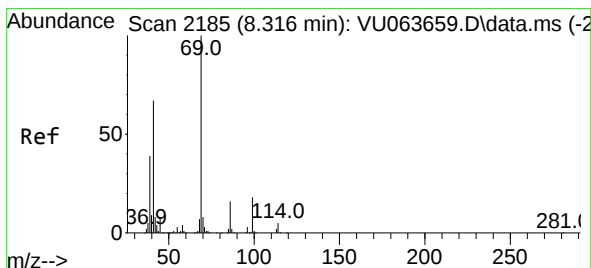
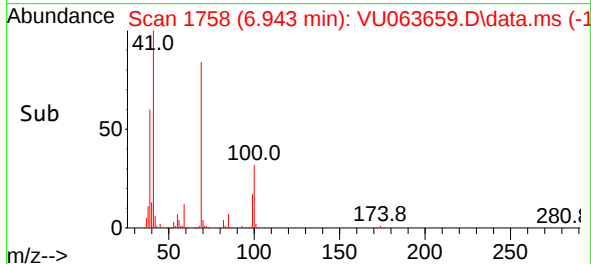
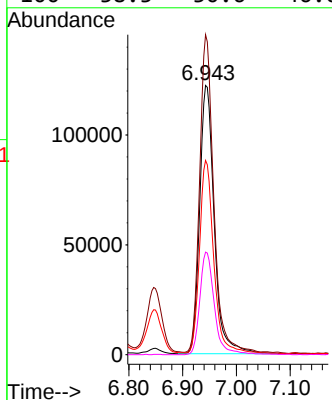
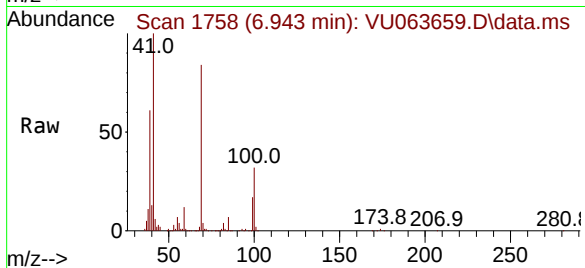
Ion Ratio Lower Upper

69 100

41 114.1 0.0 228.2

39 70.3 56.2 84.4

100 38.3 30.6 46.0



#48

Ethyl methacrylate

Concen: 13.242 ug/l

RT: 8.316 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VU063659.D

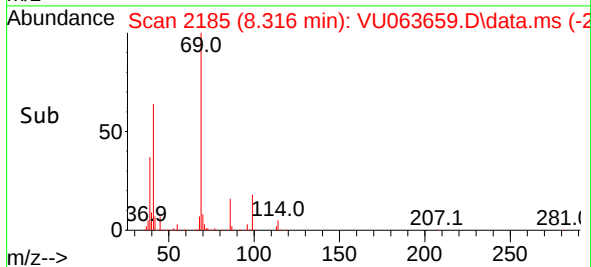
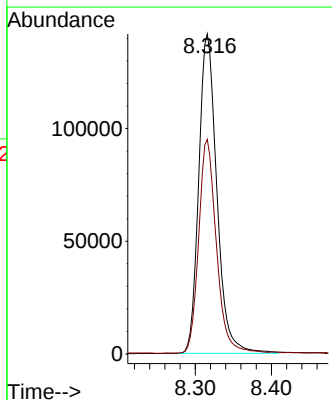
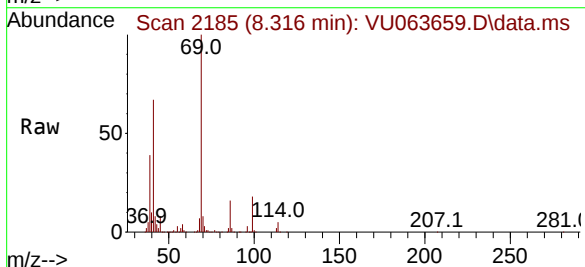
Acq: 31 Oct 2025 11:35

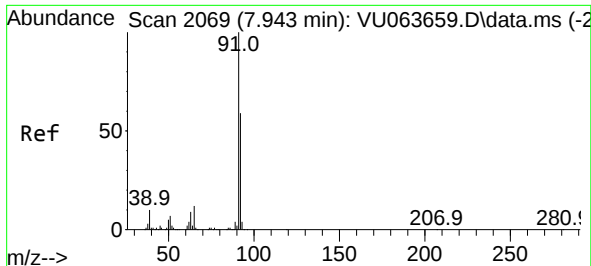
Tgt Ion: 69 Resp: 234529

Ion Ratio Lower Upper

69 100

41 65.5 32.8 98.3





#49

Toluene

Concen: 12.273 ug/l

RT: 7.943 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Instrument :

MSVOA\_U

ClientSampleId :

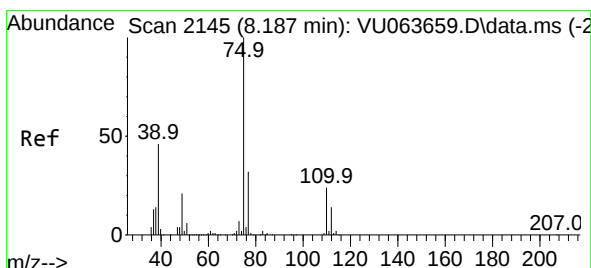
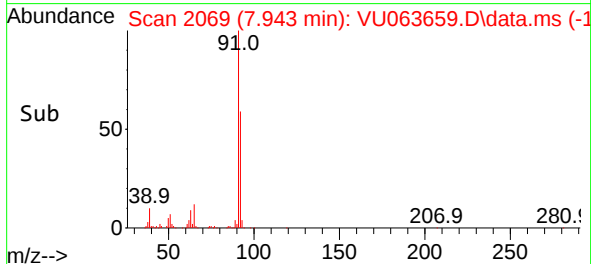
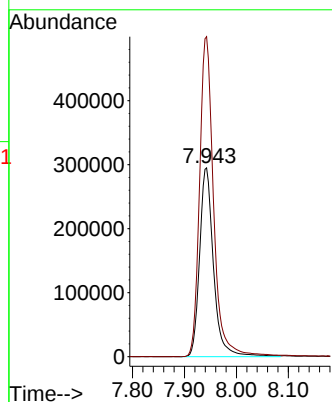
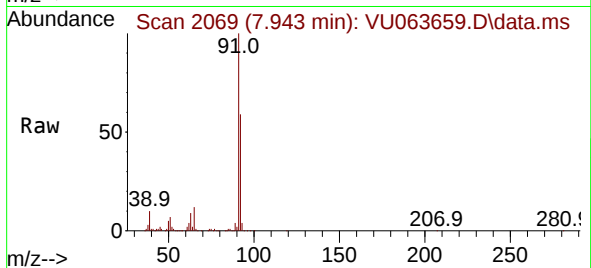
VSTDICCC010

Tgt Ion: 92 Resp: 549555

Ion Ratio Lower Upper

92 100

91 171.0 136.8 205.2



#50

t-1,3-Dichloropropene

Concen: 14.294 ug/l

RT: 8.187 min Scan# 2145

Delta R.T. 0.000 min

Lab File: VU063659.D

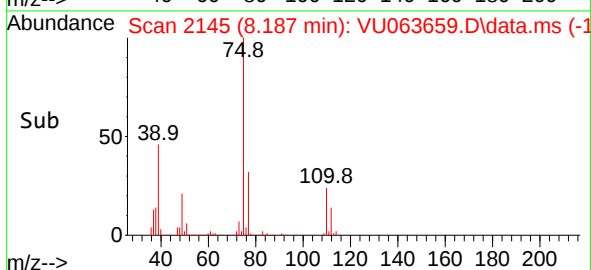
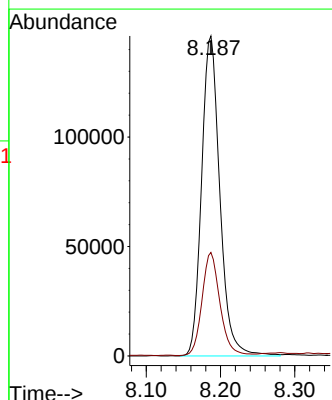
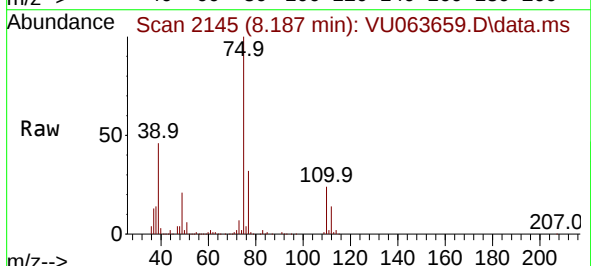
Acq: 31 Oct 2025 11:35

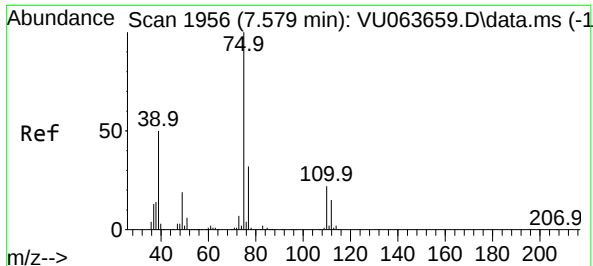
Tgt Ion: 75 Resp: 249889

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6





#51

cis-1,3-Dichloropropene

Concen: 13.805 ug/l

RT: 7.579 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICCC010

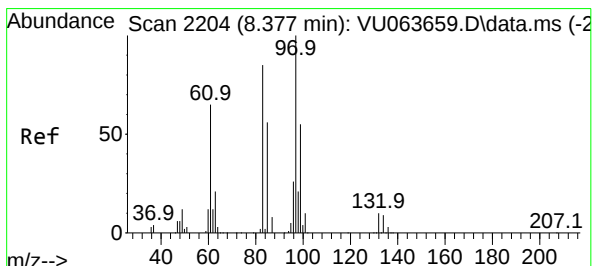
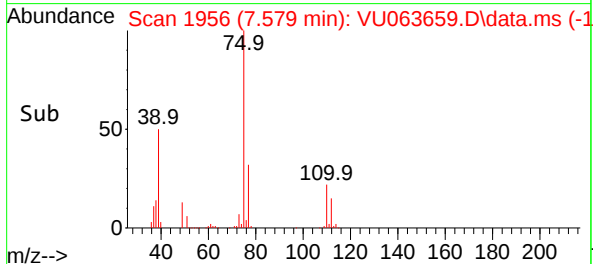
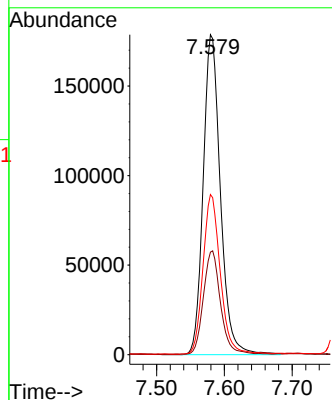
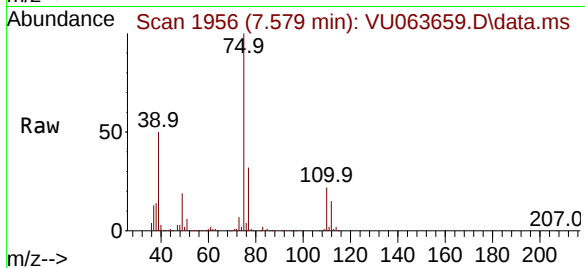
Tgt Ion: 75 Resp: 315720

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 49.9 39.9 59.9



#52

1,1,2-Trichloroethane

Concen: 11.217 ug/l

RT: 8.377 min Scan# 2204

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Tgt Ion: 97 Resp: 163340

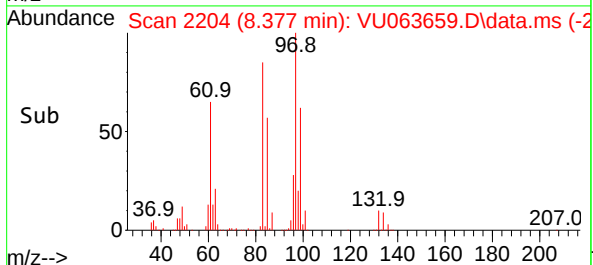
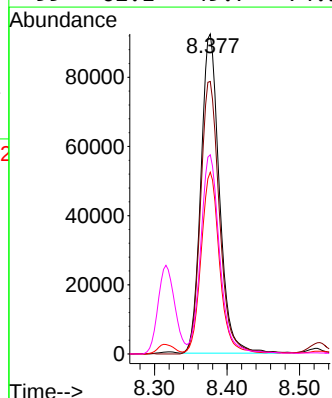
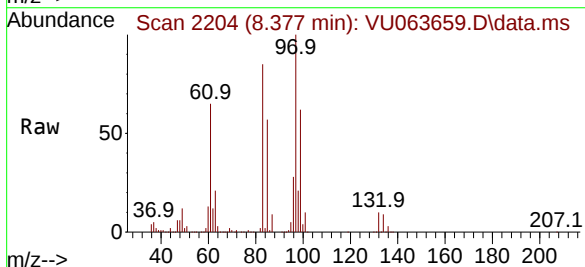
Ion Ratio Lower Upper

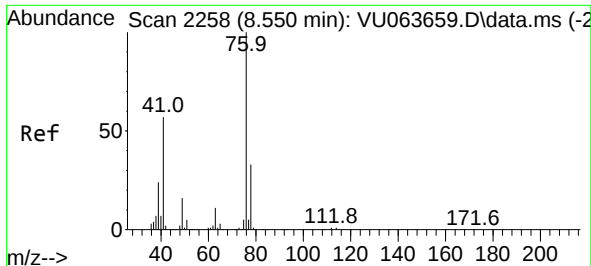
97 100

83 85.4 68.3 102.5

85 56.6 45.3 67.9

99 62.1 49.7 74.5

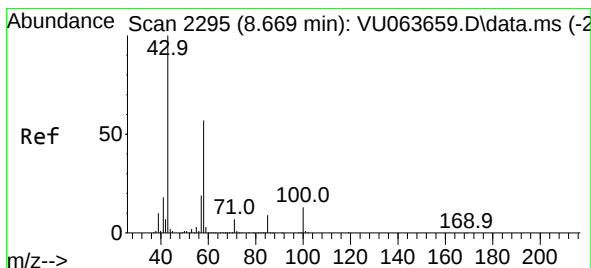
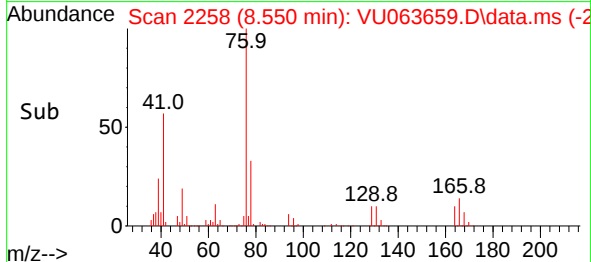
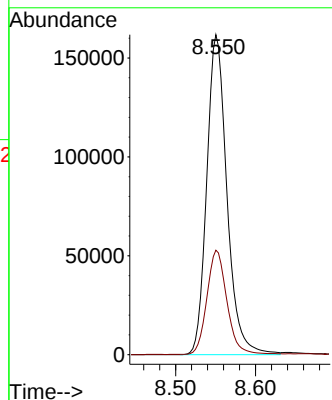
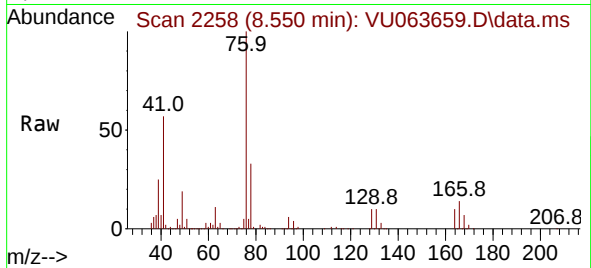




#53  
1,3-Dichloropropane  
Concen: 11.211 ug/l  
RT: 8.550 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

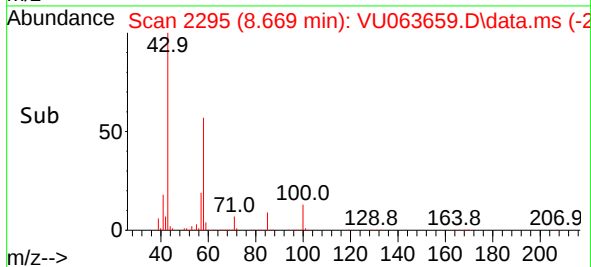
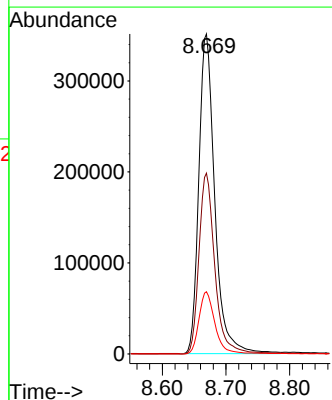
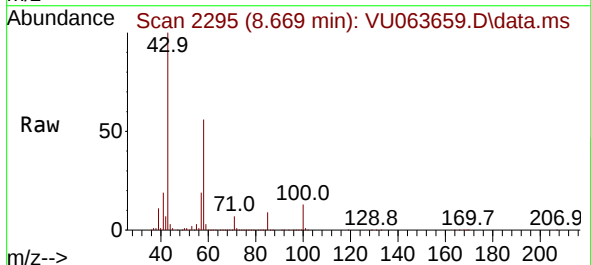
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

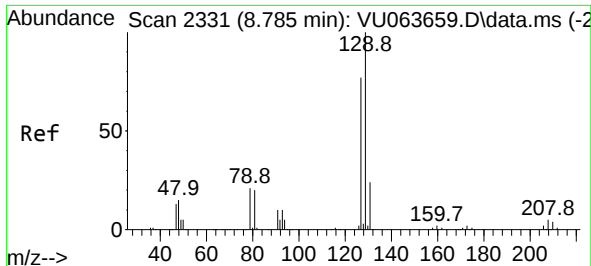
Tgt Ion: 76 Resp: 284750  
Ion Ratio Lower Upper  
76 100  
78 32.2 25.8 38.6



#54  
2-Hexanone  
Concen: 62.603 ug/l  
RT: 8.669 min Scan# 2295  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion: 43 Resp: 610899  
Ion Ratio Lower Upper  
43 100  
58 56.3 36.3 76.3  
57 19.7 0.0 39.7

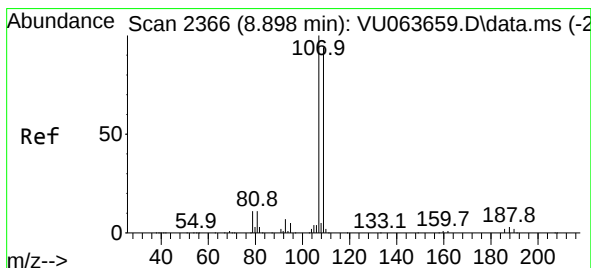
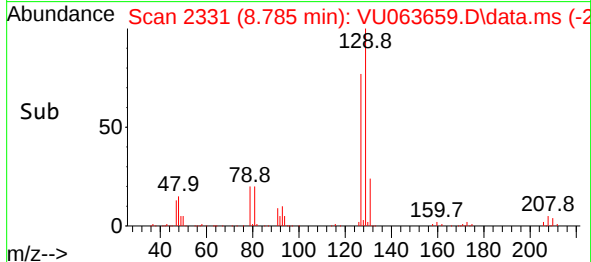
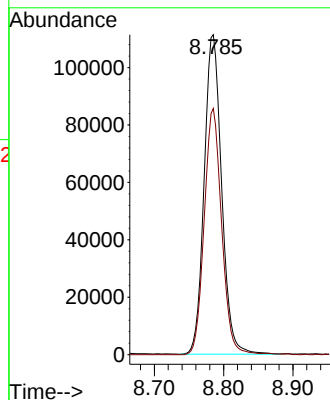
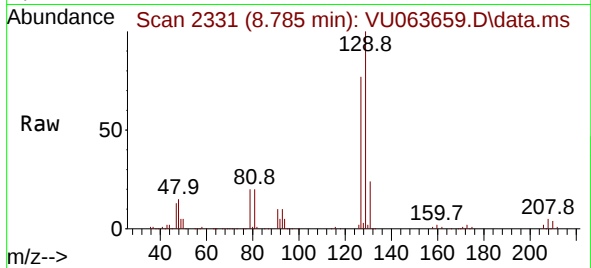




#55  
Dibromochloromethane  
Concen: 13.301 ug/l  
RT: 8.785 min Scan# 2331  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

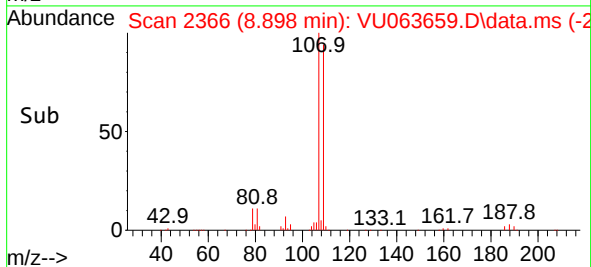
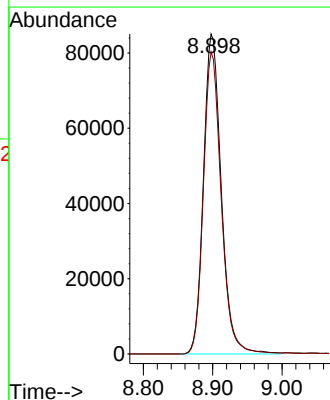
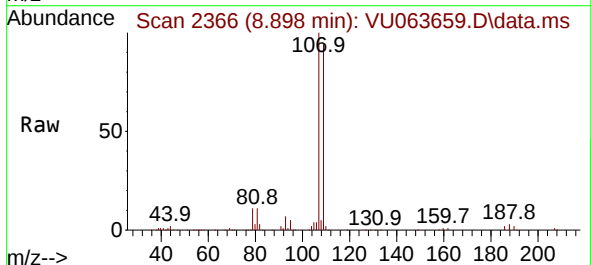
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

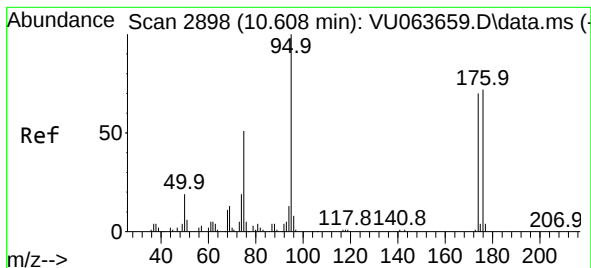
Tgt Ion:129 Resp: 194475  
Ion Ratio Lower Upper  
129 100  
127 76.7 61.4 92.0



#56  
1,2-Dibromoethane  
Concen: 11.881 ug/l  
RT: 8.898 min Scan# 2366  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion:107 Resp: 151781  
Ion Ratio Lower Upper  
107 100  
109 94.0 0.0 188.0





#57

4-Bromofluorobenzene

Concen: 1.226 ug/l

RT: 10.608 min Scan# 2898

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICCC010

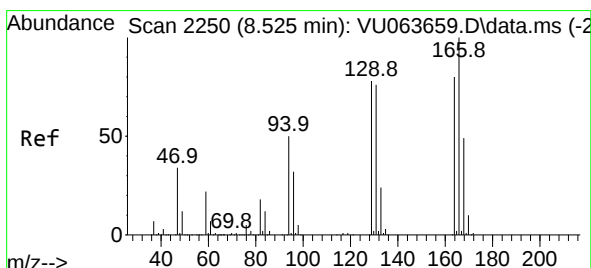
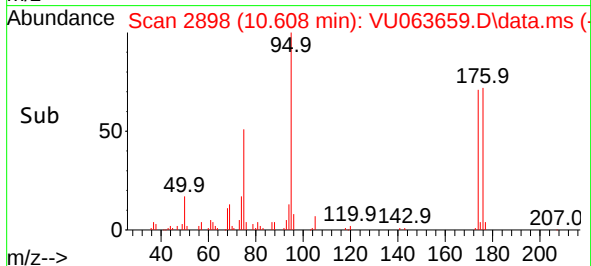
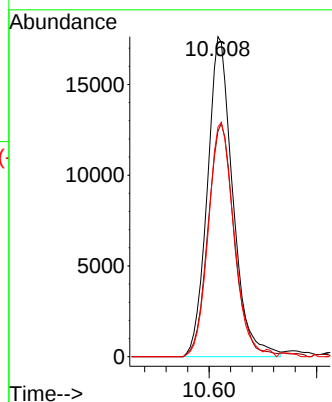
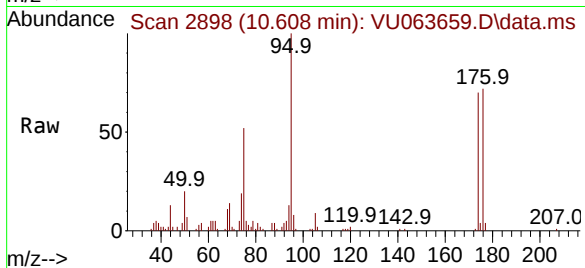
Tgt Ion: 95 Resp: 28932

Ion Ratio Lower Upper

95 100

174 74.9 59.9 89.9

176 73.5 58.8 88.2



#58

Tetrachloroethene

Concen: 11.568 ug/l

RT: 8.525 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Tgt Ion: 164 Resp: 232519

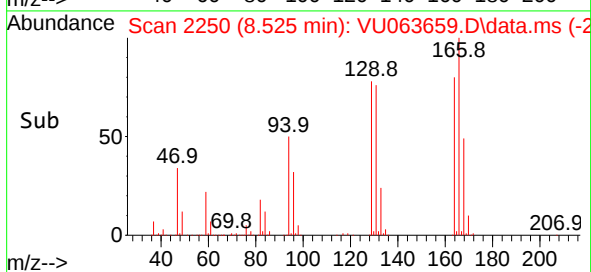
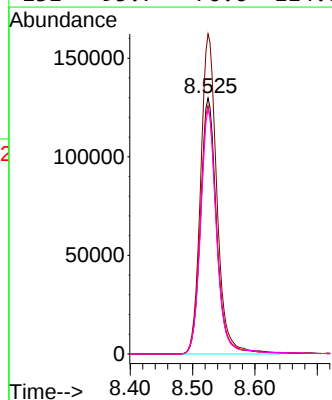
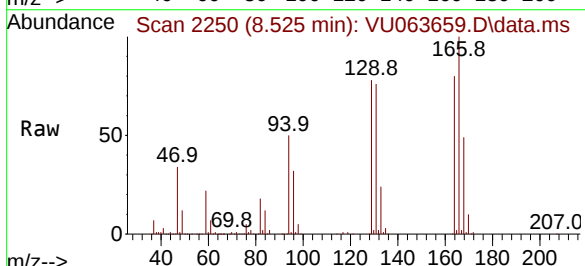
Ion Ratio Lower Upper

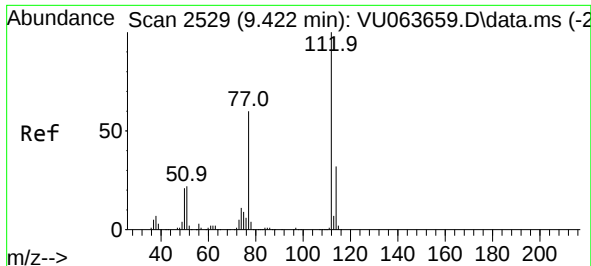
164 100

166 125.1 100.1 150.1

129 97.0 77.6 116.4

131 95.7 76.6 114.8

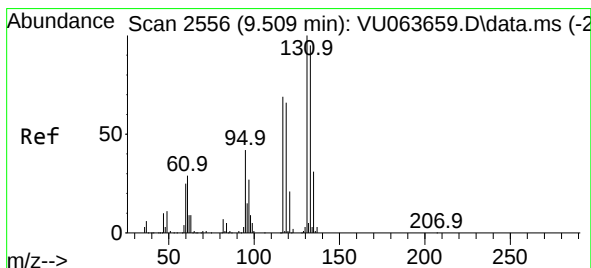
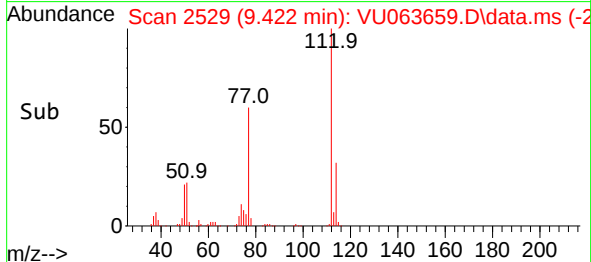
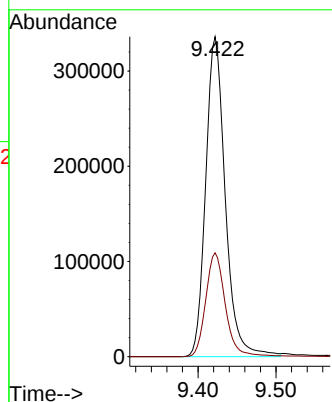
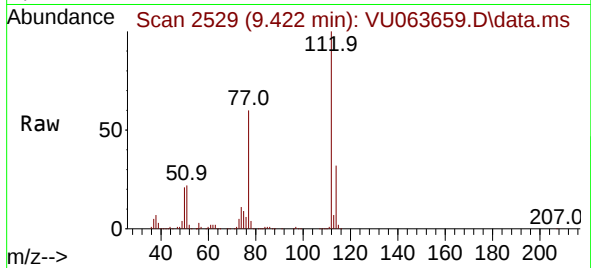




#59  
Chlorobenzene  
Concen: 11.540 ug/l  
RT: 9.422 min Scan# 2529  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

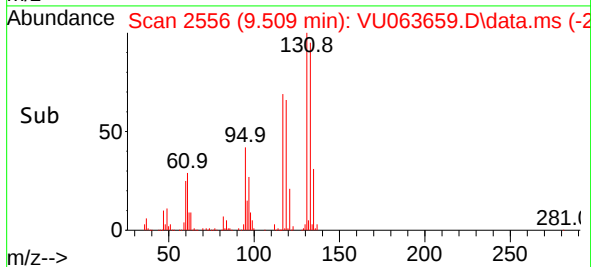
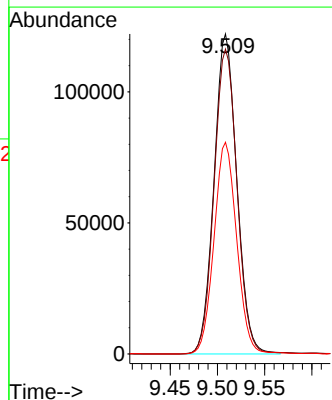
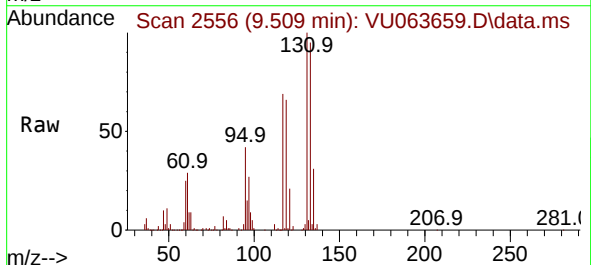
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

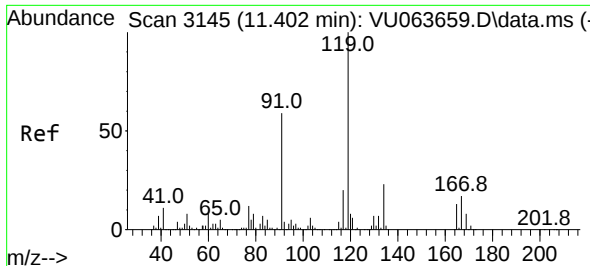
Tgt Ion:112 Resp: 587388  
Ion Ratio Lower Upper  
112 100  
114 32.5 26.0 39.0



#60  
1,1,1,2-Tetrachloroethane  
Concen: 12.212 ug/l  
RT: 9.509 min Scan# 2556  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion:131 Resp: 204724  
Ion Ratio Lower Upper  
131 100  
133 96.3 77.0 115.6  
119 66.0 52.8 79.2

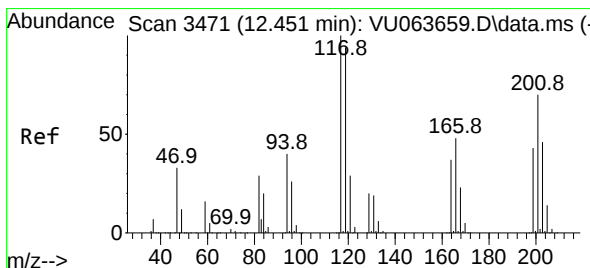
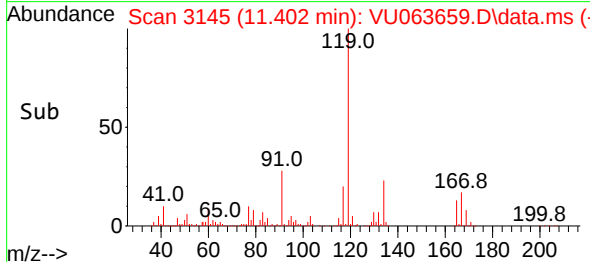
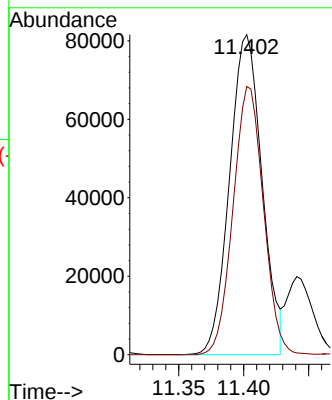
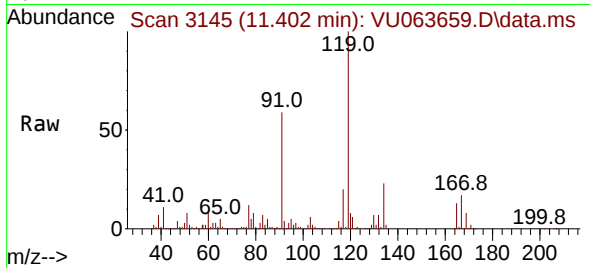




#61  
Pentachloroethane  
Concen: 11.860 ug/l  
RT: 11.402 min Scan# 3145  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

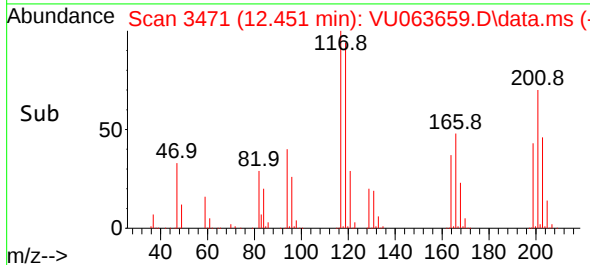
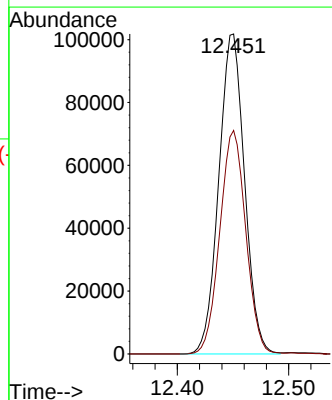
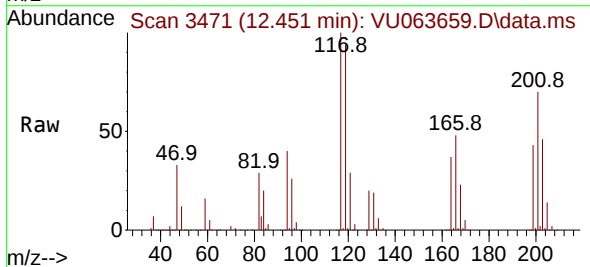
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

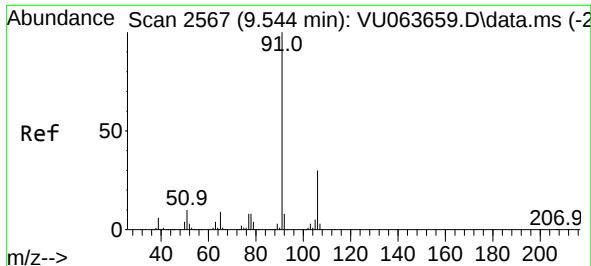
Tgt Ion:117 Resp: 141630  
Ion Ratio Lower Upper  
117 100  
167 78.5 62.8 94.2



#62  
Hexachloroethane  
Concen: 14.906 ug/l  
RT: 12.451 min Scan# 3471  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion:117 Resp: 163481  
Ion Ratio Lower Upper  
117 100  
201 70.4 56.3 84.5

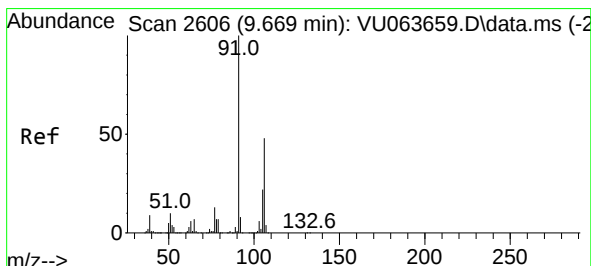
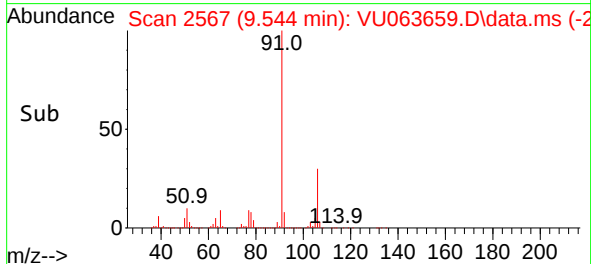
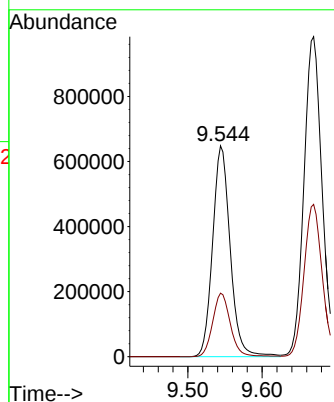
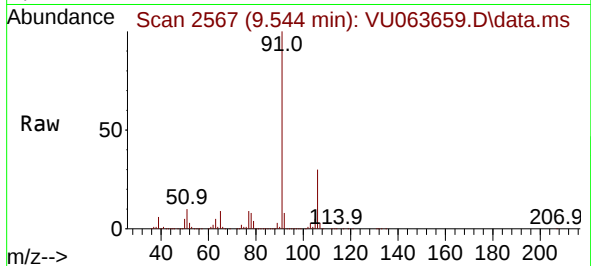




#63  
Ethyl Benzene  
Concen: 12.167 ug/l  
RT: 9.544 min Scan# 2567  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

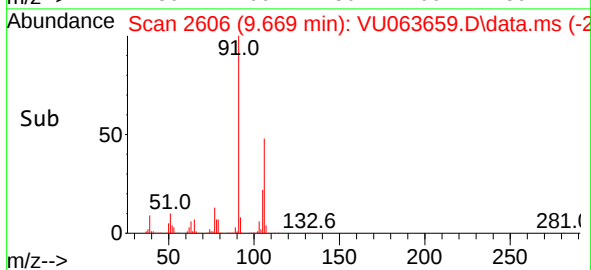
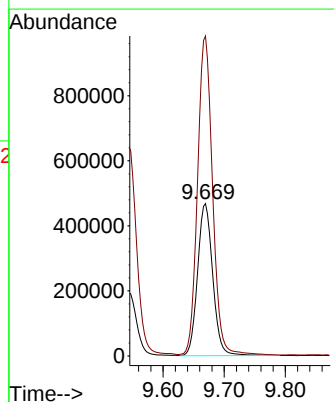
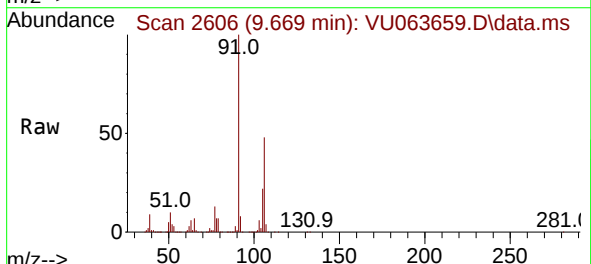
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

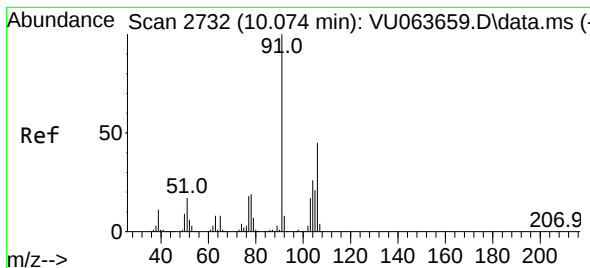
Tgt Ion: 91 Resp: 1065172  
Ion Ratio Lower Upper  
91 100  
106 30.1 24.1 36.1



#64  
m/p-Xylenes  
Concen: 23.987 ug/l  
RT: 9.669 min Scan# 2606  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion:106 Resp: 804722  
Ion Ratio Lower Upper  
106 100  
91 208.7 167.0 250.4

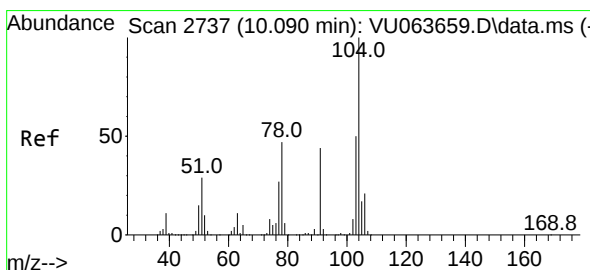
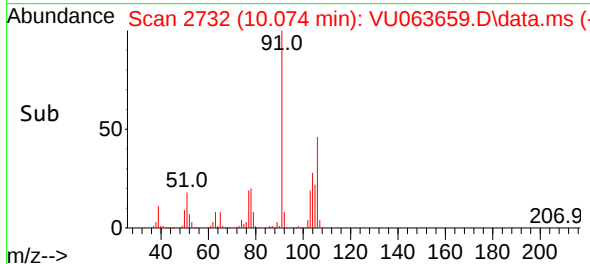
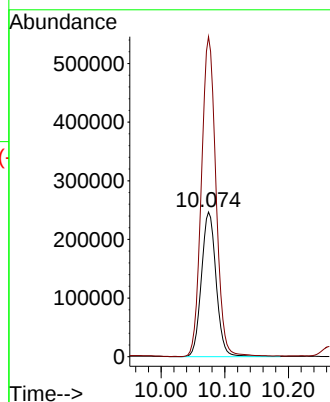
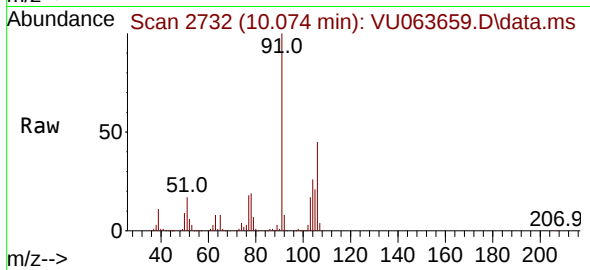




#65  
o-Xylene  
Concen: 11.828 ug/l  
RT: 10.074 min Scan# 2732  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

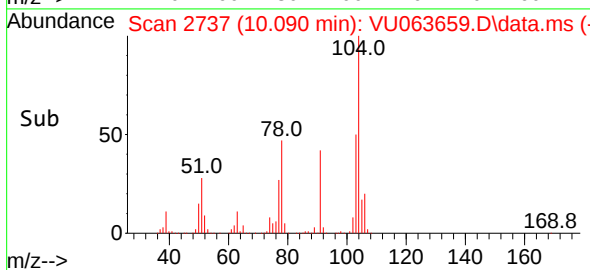
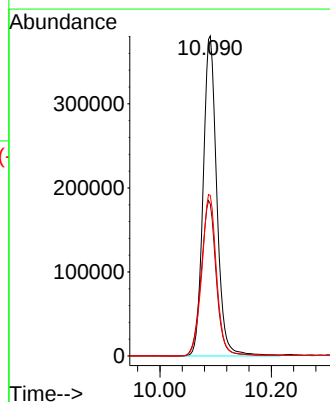
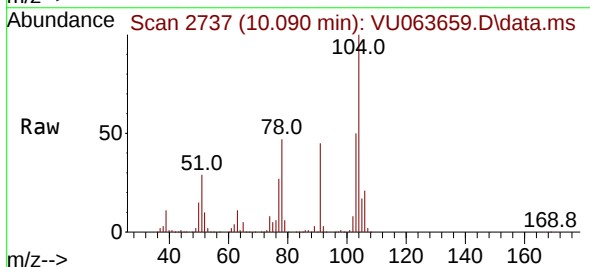
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

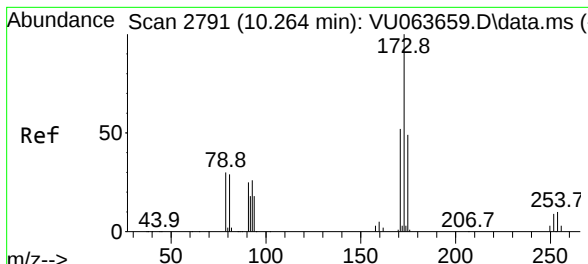
Tgt Ion:106 Resp: 396587  
Ion Ratio Lower Upper  
106 100  
91 218.6 109.3 327.9



#66  
Styrene  
Concen: 12.145 ug/l  
RT: 10.090 min Scan# 2737  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion:104 Resp: 649762  
Ion Ratio Lower Upper  
104 100  
78 53.5 42.8 64.2  
103 54.9 43.9 65.9

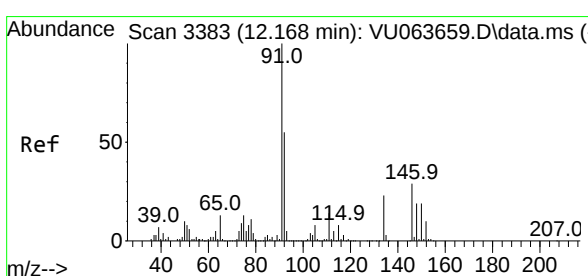
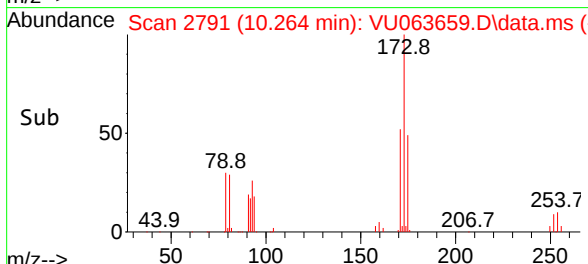
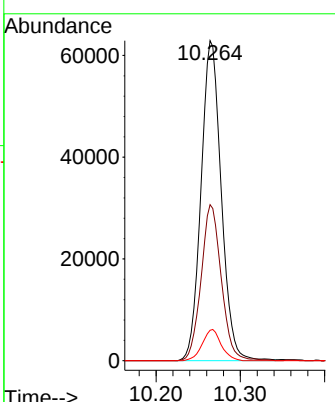
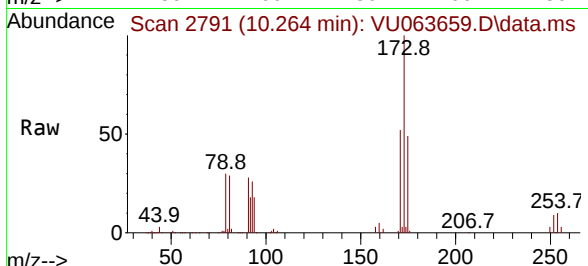




#67  
 Bromoform  
 Concen: 14.273 ug/l  
 RT: 10.264 min Scan# 2791  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

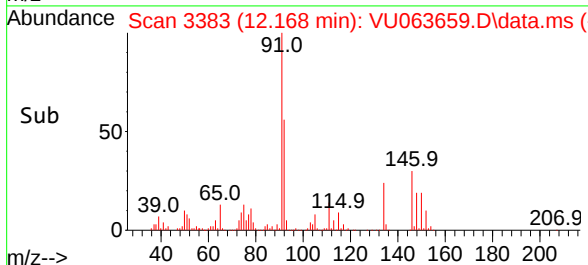
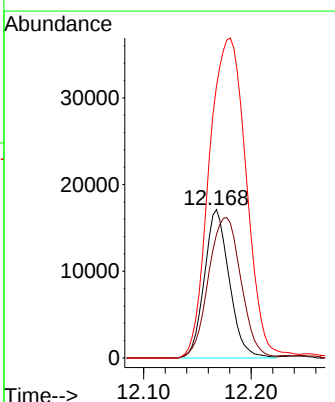
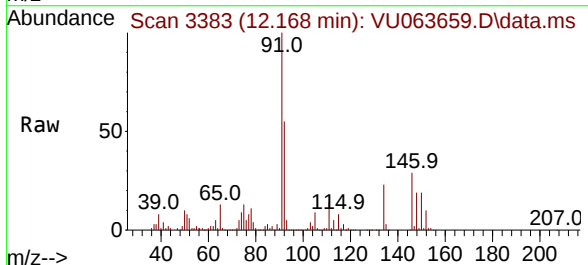
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICCC010

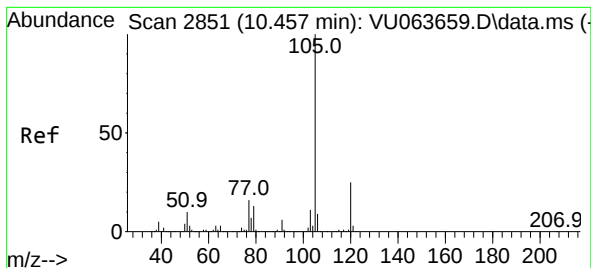
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 173   | Resp: | 104959 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.7  | 39.0  | 58.4   |
| 254       | 9.2   | 7.4   | 11.0   |



#68  
 1,2-Dichlorobenzene-d4  
 Concen: 1.170 ug/l  
 RT: 12.168 min Scan# 3383  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 27479 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 123.6 | 0.0   | 247.2 |
| 150       | 321.8 | 0.0   | 643.6 |





#69

Isopropylbenzene

Concen: 12.013 ug/l

RT: 10.457 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Instrument :

MSVOA\_U

ClientSampleId :

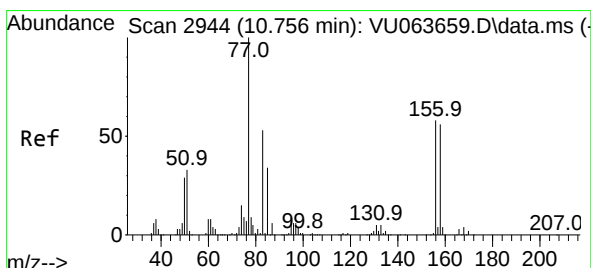
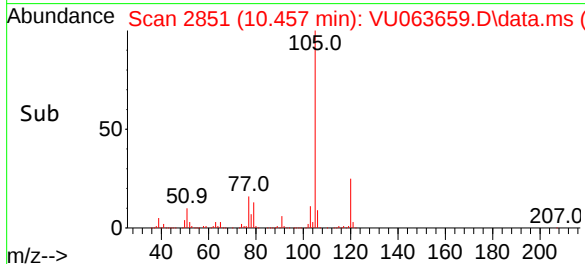
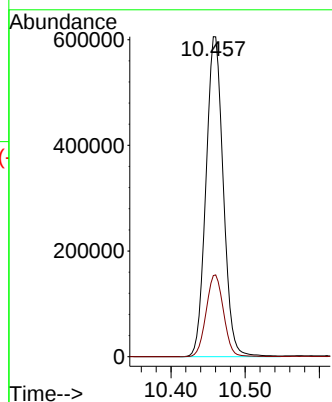
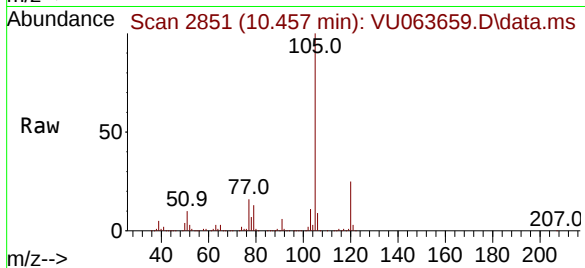
VSTDICCC010

Tgt Ion:105 Resp: 978476

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#70

1,1,2,2-Tetrachloroethane

Concen: 11.141 ug/l

RT: 10.756 min Scan# 2944

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

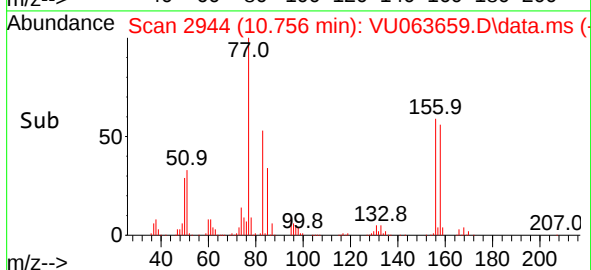
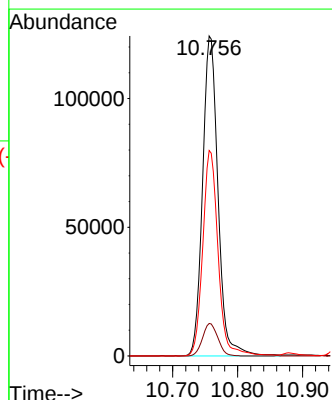
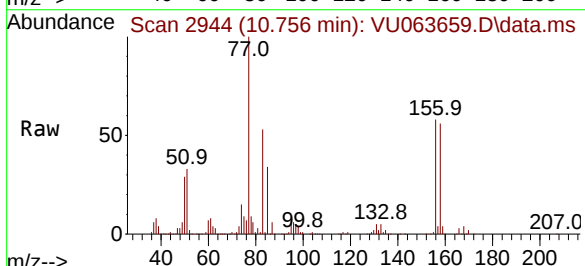
Tgt Ion: 83 Resp: 206010

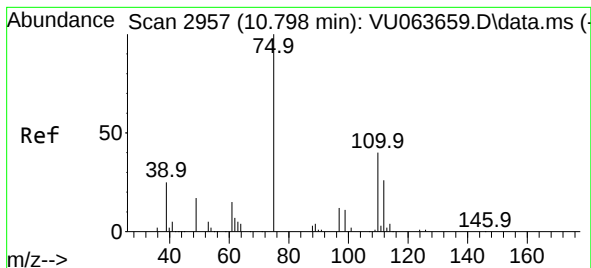
Ion Ratio Lower Upper

83 100

131 10.1 8.1 12.1

85 63.8 51.0 76.6





#71

1,2,3-Trichloropropane

Concen: 17.692 ug/l

RT: 10.798 min Scan# 2957

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 252208

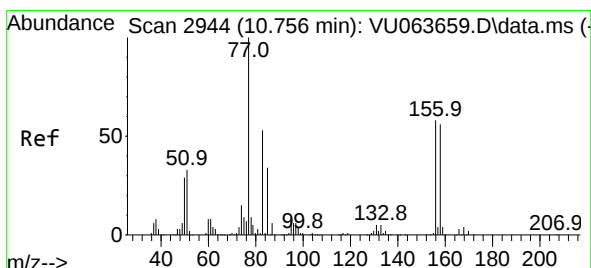
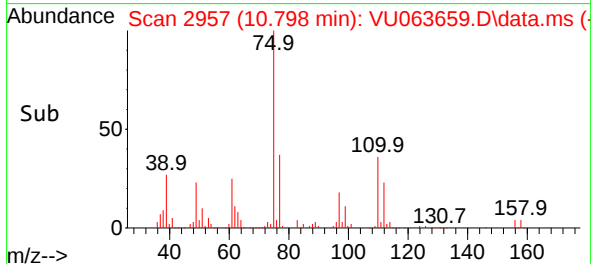
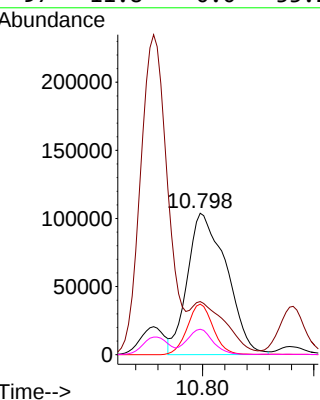
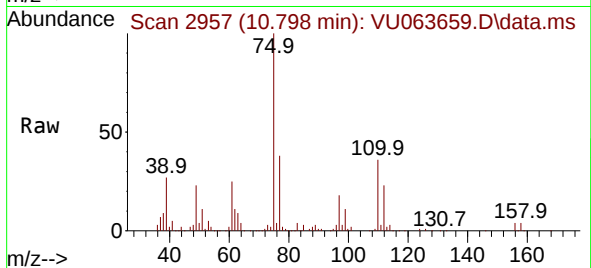
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 23.7 0.0 66.4

97 11.8 0.0 33.2



#72

Bromobenzene

Concen: 11.300 ug/l

RT: 10.756 min Scan# 2944

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

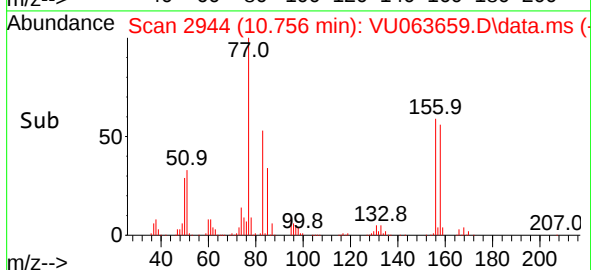
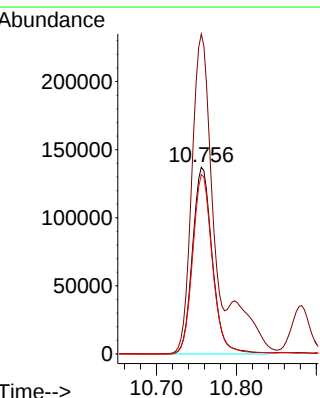
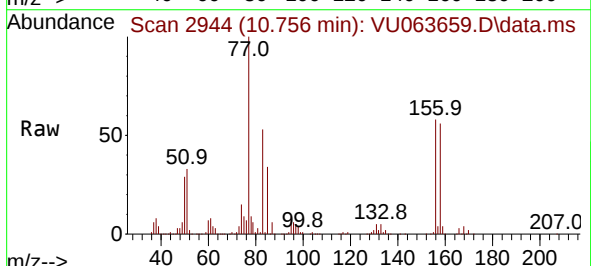
Tgt Ion:156 Resp: 236710

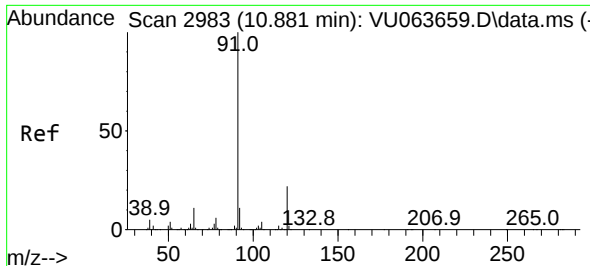
Ion Ratio Lower Upper

156 100

77 168.6 0.0 337.2

158 95.9 0.0 191.8

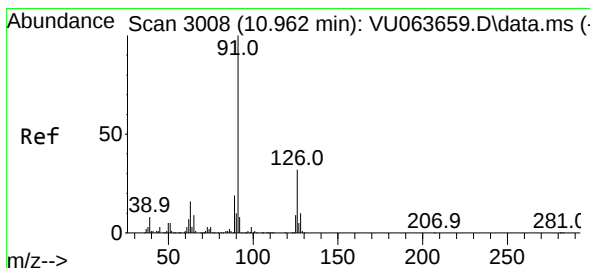
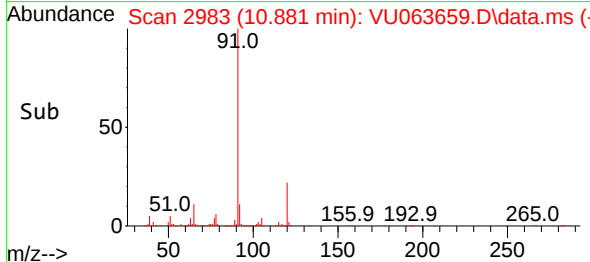
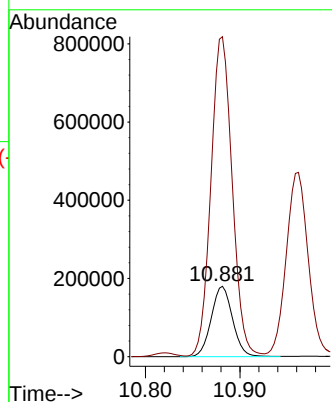
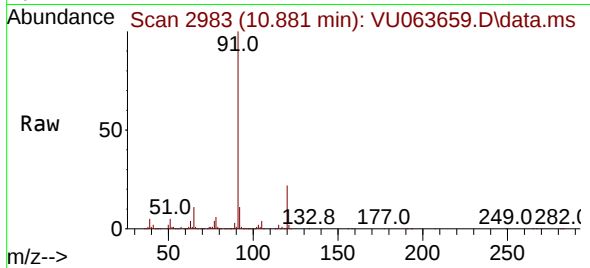




#73  
n-propylbenzene  
Concen: 12.052 ug/l  
RT: 10.881 min Scan# 2983  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

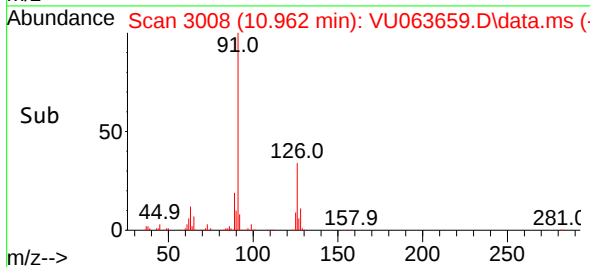
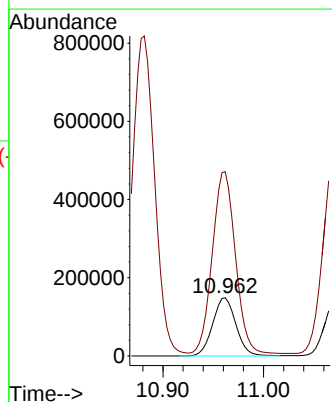
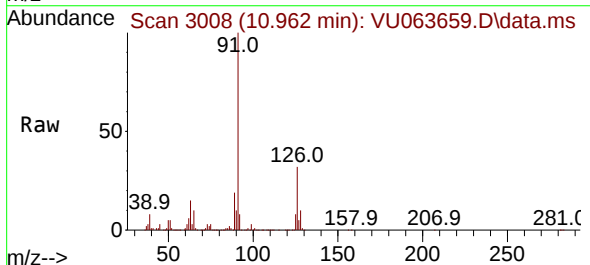
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

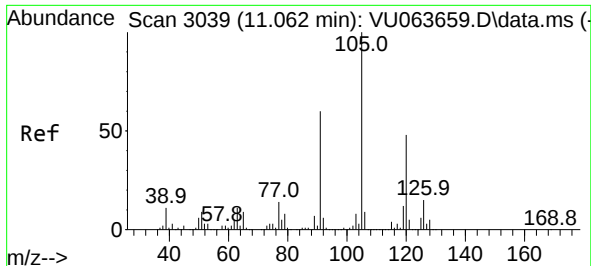
Tgt Ion:120 Resp: 281663  
Ion Ratio Lower Upper  
120 100  
91 451.8 361.4 542.2



#74  
2-Chlorotoluene  
Concen: 11.378 ug/l  
RT: 10.962 min Scan# 3008  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion:126 Resp: 239220  
Ion Ratio Lower Upper  
126 100  
91 317.4 0.0 634.8

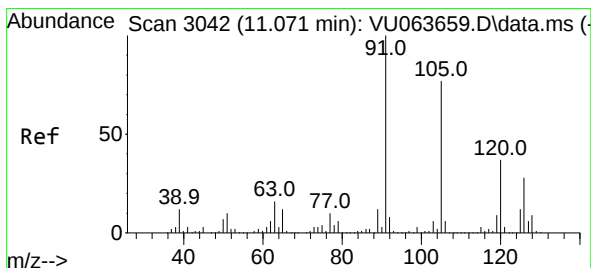
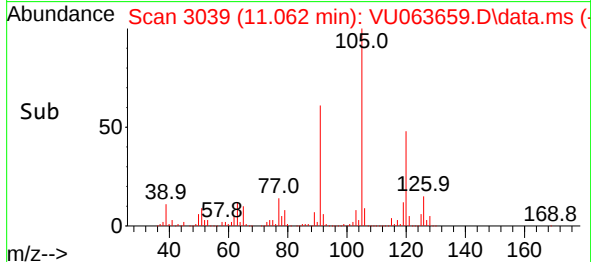
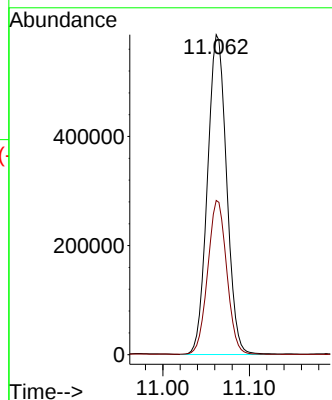
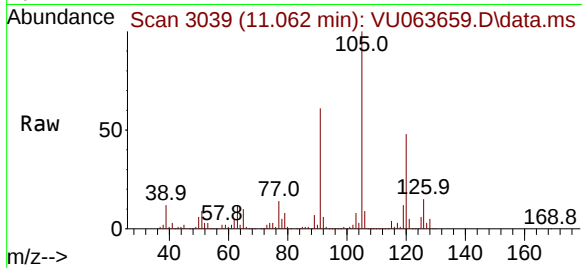




#75  
1,3,5-Trimethylbenzene  
Concen: 11.893 ug/l  
RT: 11.062 min Scan# 3039  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

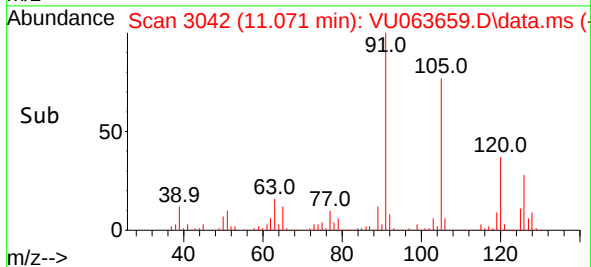
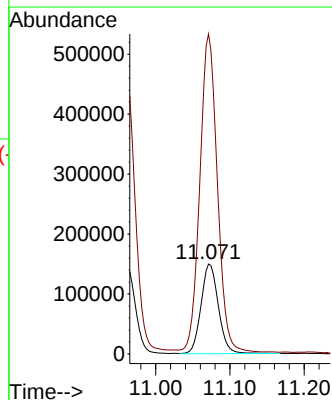
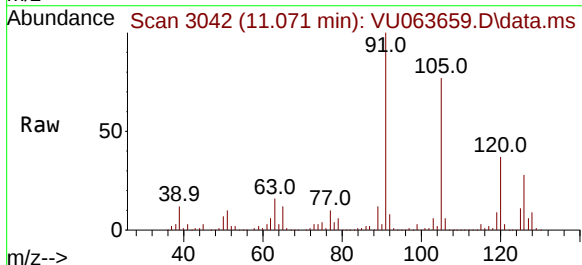
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

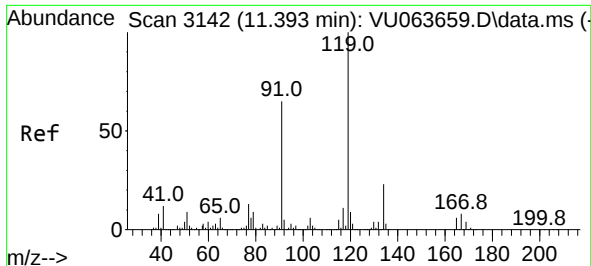
Tgt Ion:105 Resp: 901769  
Ion Ratio Lower Upper  
105 100  
120 47.7 38.2 57.2



#76  
4-Chlorotoluene  
Concen: 11.047 ug/l  
RT: 11.071 min Scan# 3042  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion:126 Resp: 242531  
Ion Ratio Lower Upper  
126 100  
91 358.3 0.0 716.6

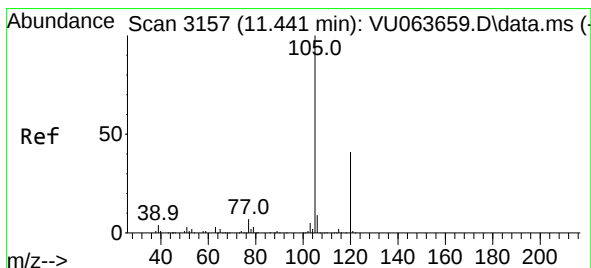
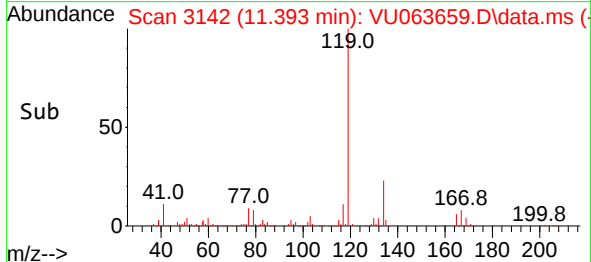
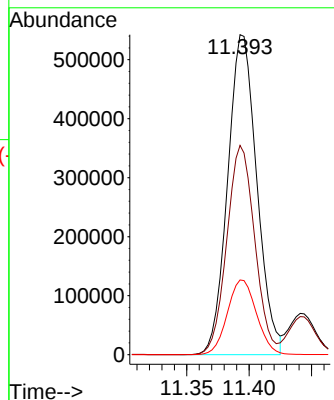
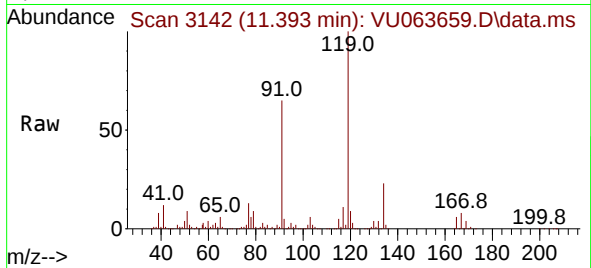




#77  
 tert-Butylbenzene  
 Concen: 11.996 ug/l  
 RT: 11.393 min Scan# 3142  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

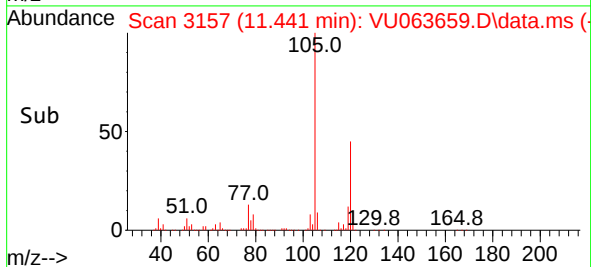
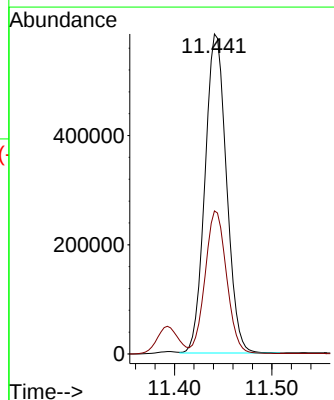
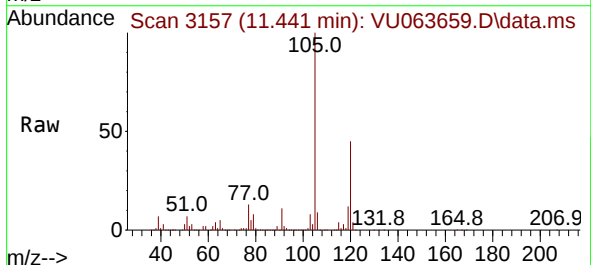
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICCC010

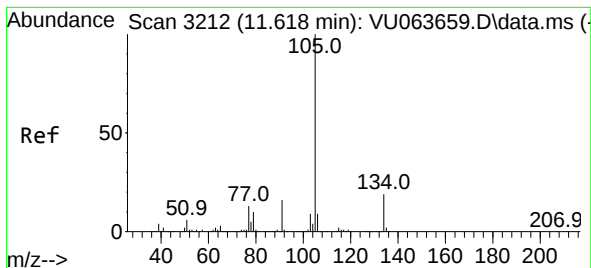
Tgt Ion:119 Resp: 883218  
 Ion Ratio Lower Upper  
 119 100  
 91 62.5 31.3 93.8  
 134 23.4 18.7 28.1



#78  
 1,2,4-Trimethylbenzene  
 Concen: 12.135 ug/l  
 RT: 11.441 min Scan# 3157  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

Tgt Ion:105 Resp: 894964  
 Ion Ratio Lower Upper  
 105 100  
 120 44.7 22.4 67.0





#79

sec-Butylbenzene

Concen: 11.860 ug/l

RT: 11.618 min Scan# 3212

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

Instrument :

MSVOA\_U

ClientSampleId :

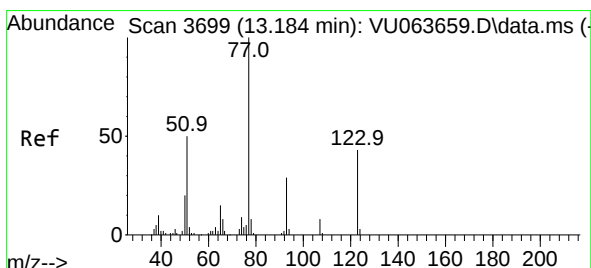
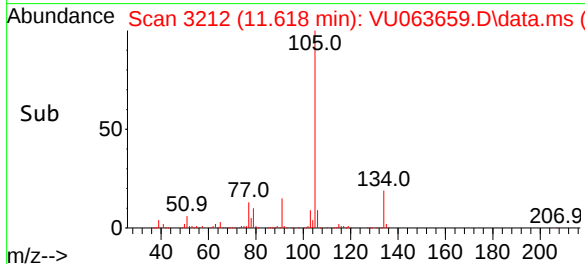
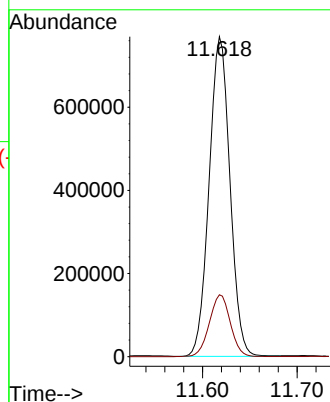
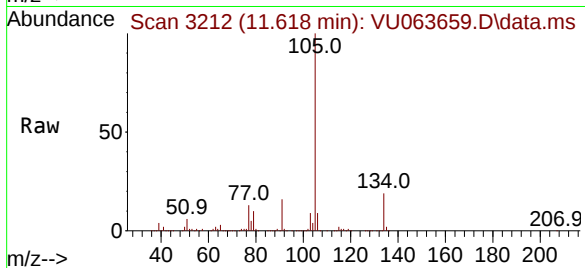
VSTDICCC010

Tgt Ion:105 Resp: 1177182

Ion Ratio Lower Upper

105 100

134 19.6 15.7 23.5



#80

Nitrobenzene

Concen: 110.072 ug/l

RT: 13.184 min Scan# 3699

Delta R.T. 0.000 min

Lab File: VU063659.D

Acq: 31 Oct 2025 11:35

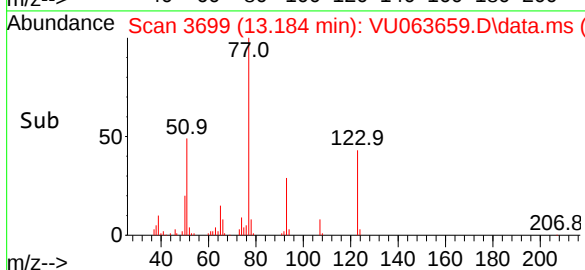
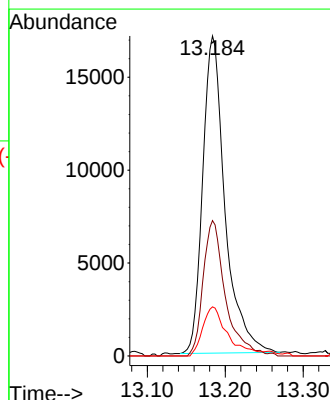
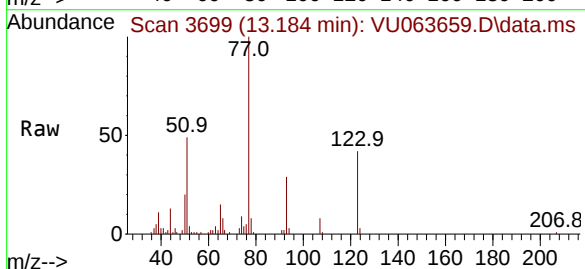
Tgt Ion: 77 Resp: 33994

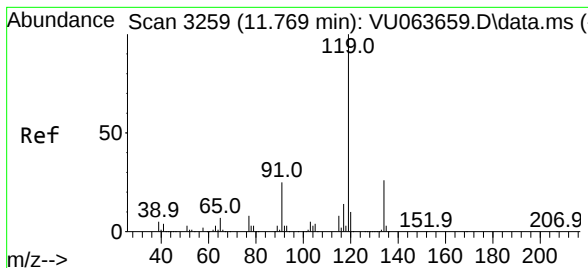
Ion Ratio Lower Upper

77 100

123 41.3 18.2 64.4

65 15.4 13.6 17.2

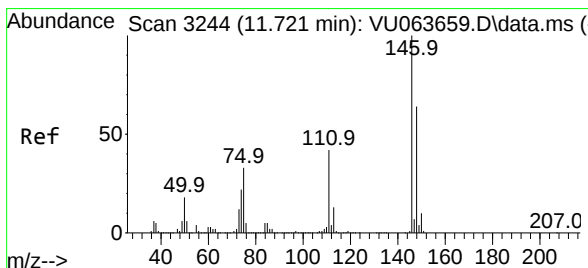
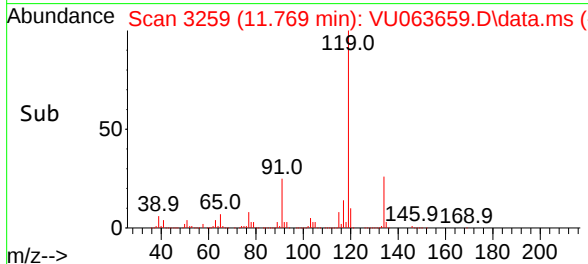
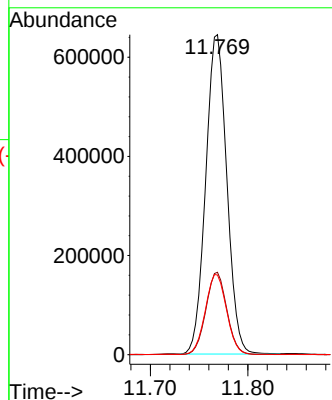
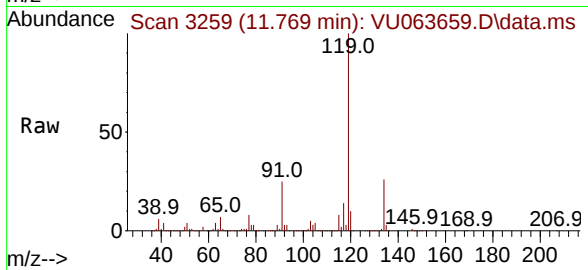




#81  
 p-Isopropyltoluene  
 Concen: 12.152 ug/l  
 RT: 11.769 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

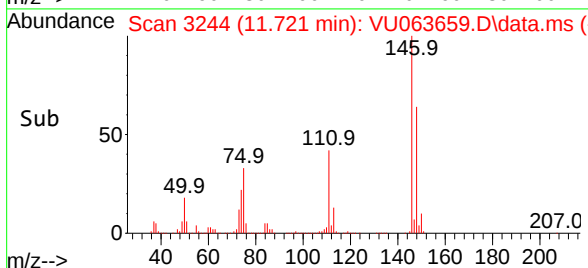
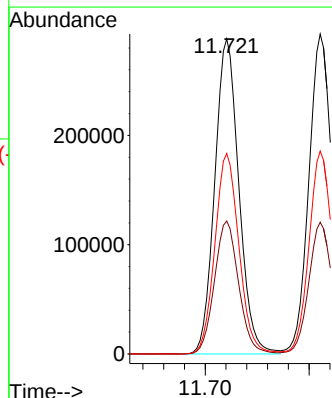
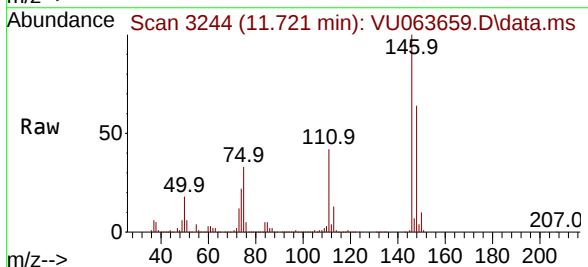
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICCC010

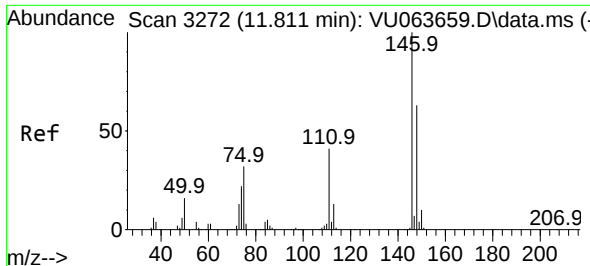
Tgt Ion:119 Resp: 970334  
 Ion Ratio Lower Upper  
 119 100  
 134 25.4 20.3 30.5  
 91 25.1 20.1 30.1



#82  
 1,3-Dichlorobenzene  
 Concen: 11.123 ug/l  
 RT: 11.721 min Scan# 3244  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

Tgt Ion:146 Resp: 465069  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 33.8 50.8  
 148 63.5 50.8 76.2

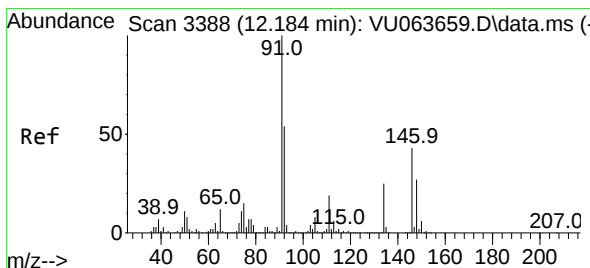
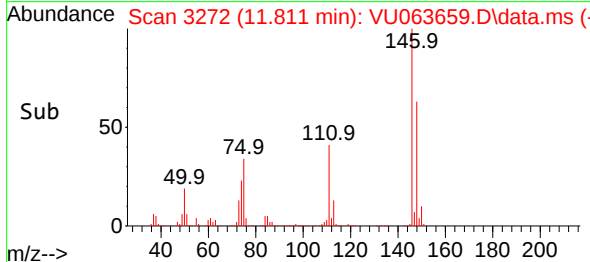
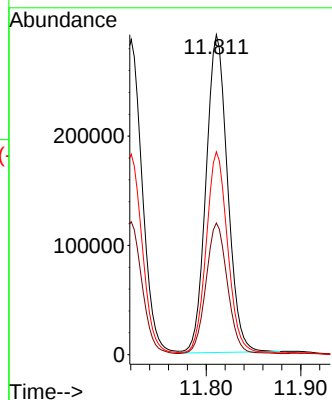
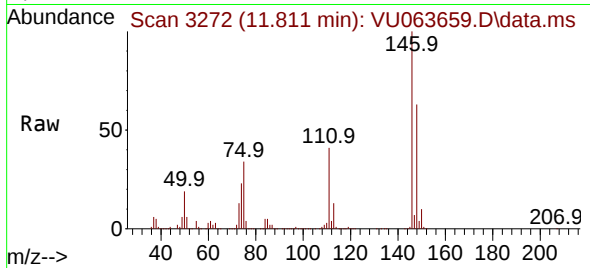




#83  
1,4-Dichlorobenzene  
Concen: 10.729 ug/l  
RT: 11.811 min Scan# 3272  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

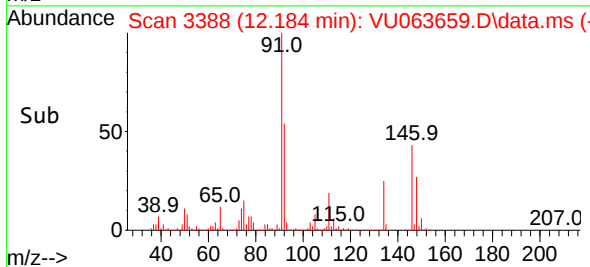
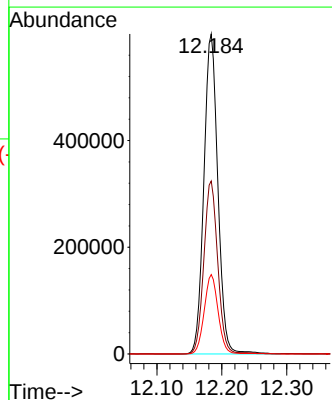
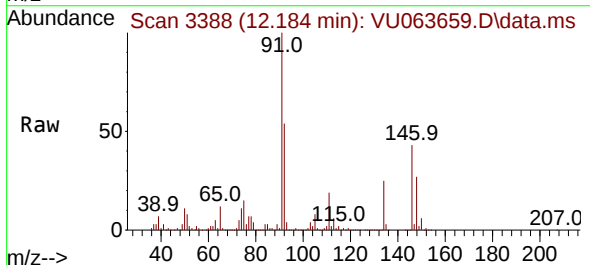
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

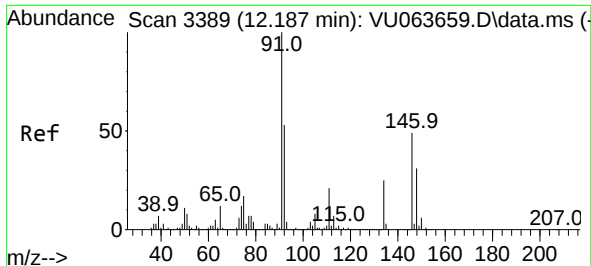
Tgt Ion:146 Resp: 460256  
Ion Ratio Lower Upper  
146 100  
111 41.2 33.0 49.4  
148 63.3 50.6 76.0



#84  
n-Butylbenzene  
Concen: 12.061 ug/l  
RT: 12.184 min Scan# 3388  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion: 91 Resp: 900376  
Ion Ratio Lower Upper  
91 100  
92 53.9 43.1 64.7  
134 24.6 19.7 29.5

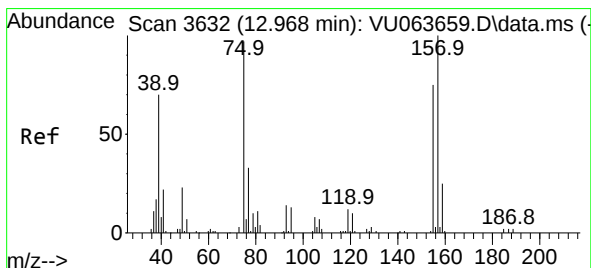
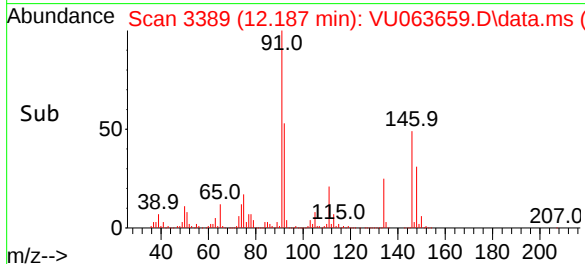
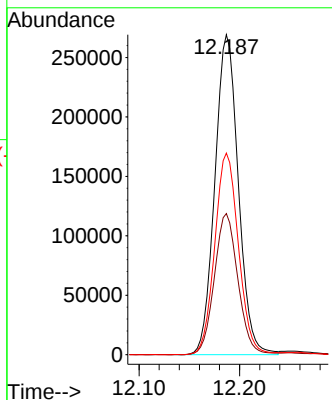
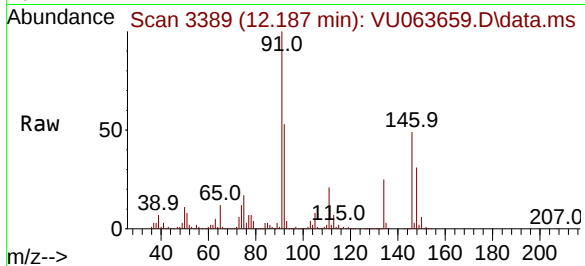




#85  
 1,2-Dichlorobenzene  
 Concen: 10.843 ug/l  
 RT: 12.187 min Scan# 31  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

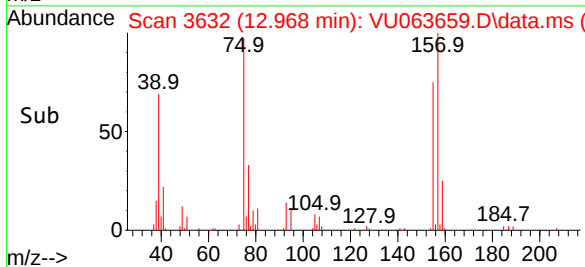
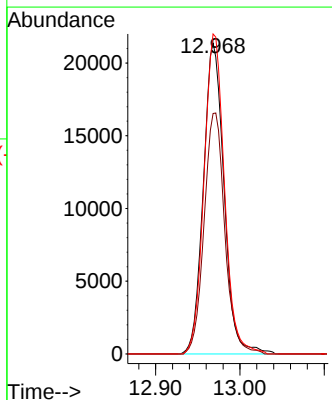
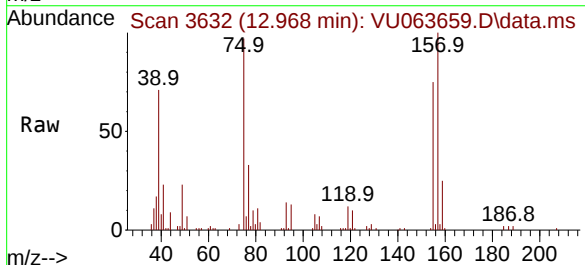
Instrument :  
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 ClientSampleId :  
 VSTDICCC010

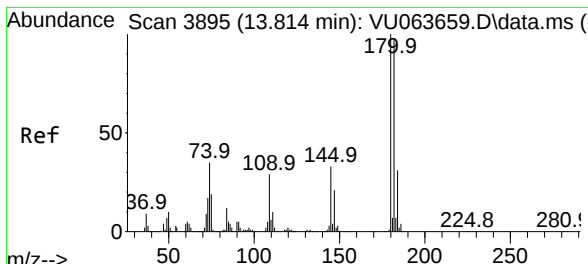
Tgt Ion:146 Resp: 436485  
 Ion Ratio Lower Upper  
 146 100  
 111 44.4 22.2 66.6  
 148 63.7 31.9 95.5



#86  
 1,2-Dibromo-3-Chloropropane  
 Concen: 14.479 ug/l  
 RT: 12.968 min Scan# 3632  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

Tgt Ion: 75 Resp: 36502  
 Ion Ratio Lower Upper  
 75 100  
 155 77.8 62.2 93.4  
 157 101.6 81.3 121.9

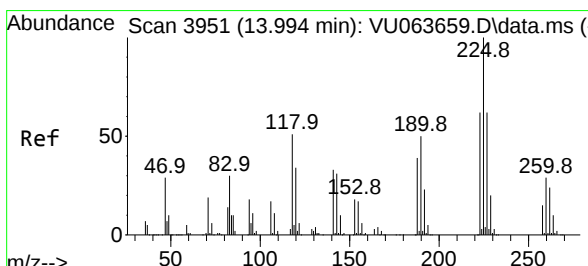
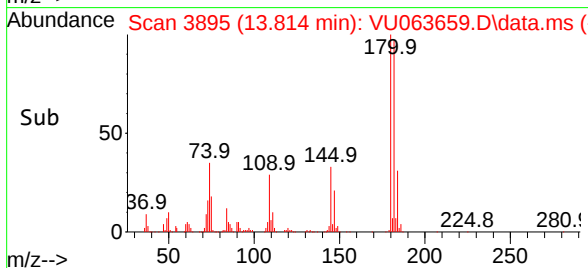
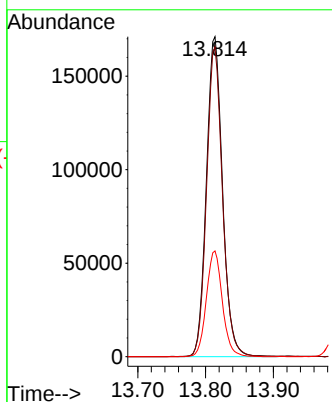
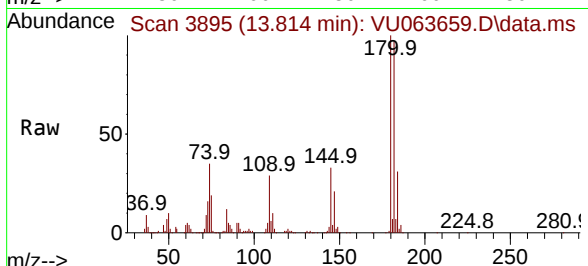




#87  
 1,2,4-Trichlorobenzene  
 Concen: 11.564 ug/l  
 RT: 13.814 min Scan# 3895  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

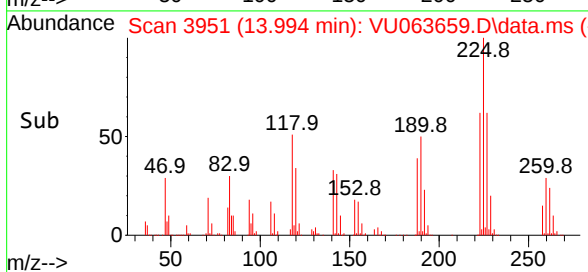
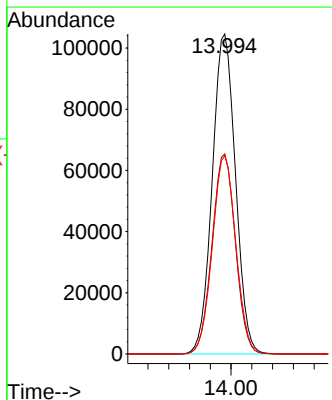
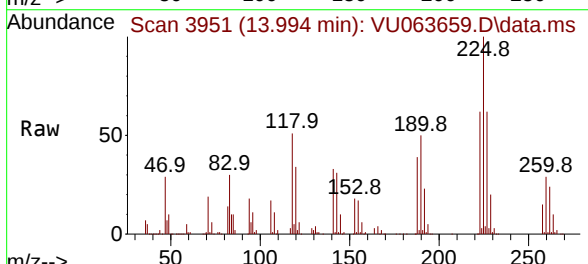
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 ClientSampleId :  
 VSTDICCC010

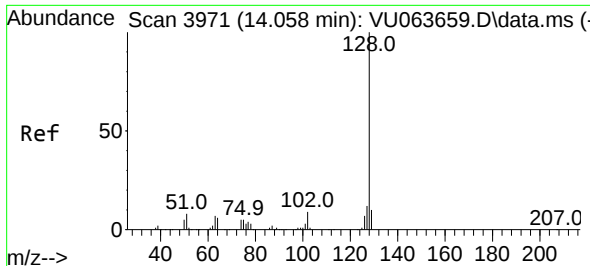
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 283669 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.5  | 76.4  | 114.6  |
| 145       | 32.7  | 26.2  | 39.2   |



#88  
 Hexachlorobutadiene  
 Concen: 10.793 ug/l  
 RT: 13.994 min Scan# 3951  
 Delta R.T. 0.000 min  
 Lab File: VU063659.D  
 Acq: 31 Oct 2025 11:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 162752 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 62.8  | 50.2  | 75.4   |
| 227       | 62.5  | 50.0  | 75.0   |

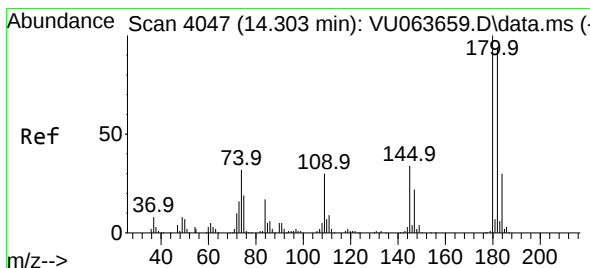
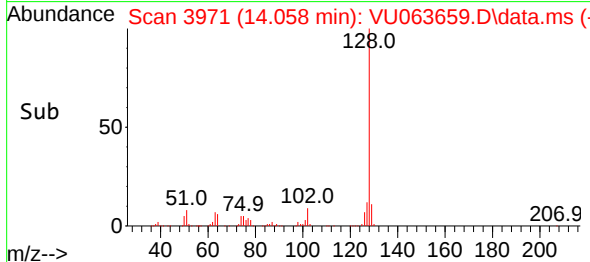
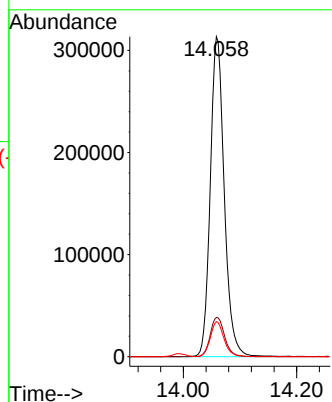
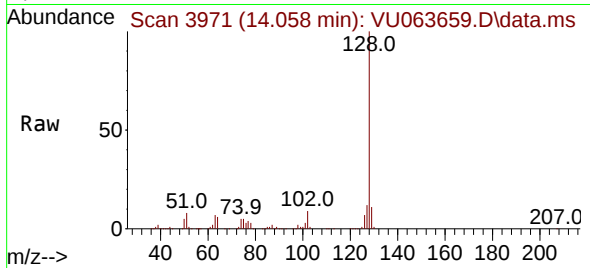




#89  
Naphthalene  
Concen: 12.129 ug/l  
RT: 14.058 min Scan# 3971  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

Tgt Ion:128 Resp: 537333  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 10.7 8.6 12.8



#90  
1,2,3-Trichlorobenzene  
Concen: 11.283 ug/l  
RT: 14.303 min Scan# 4047  
Delta R.T. 0.000 min  
Lab File: VU063659.D  
Acq: 31 Oct 2025 11:35

Tgt Ion:180 Resp: 261367  
Ion Ratio Lower Upper  
180 100  
182 94.2 75.4 113.0  
145 34.3 27.4 41.2

