

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\WX072125\  
 Data File : WX047059.D  
 Acq On : 21 Jul 2025 11:11  
 Operator : JC/MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC100

Quant Time: Jul 22 03:39:27 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 22 03:35:16 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.562  | 168  | 293211   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 502636   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 443709   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 210644   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 358189   | 98.067   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 196.140%# |      |
| 35) Dibromofluoromethane    | 5.397  | 113   | 304077   | 97.981   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 195.960%# |      |
| 50) Toluene-d8              | 8.653  | 98    | 951189   | 94.642   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 189.280%# |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 418790   | 96.692   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 193.380%# |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.179 | 85  | 422702  | 108.536 | ug/l   | 98  |
| 3) Chloromethane             | 1.307 | 50  | 390958  | 101.483 | ug/l   | 99  |
| 4) Vinyl Chloride            | 1.386 | 62  | 420036  | 101.428 | ug/l   | 98  |
| 5) Bromomethane              | 1.611 | 94  | 207177  | 92.097  | ug/l   | 96  |
| 6) Chloroethane              | 1.697 | 64  | 248151  | 91.235  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 1.898 | 101 | 618083  | 100.093 | ug/l   | 99  |
| 8) Diethyl Ether             | 2.148 | 74  | 214962  | 98.730  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 2.343 | 101 | 367465  | 98.771  | ug/l   | 100 |
| 10) Methyl Iodide            | 2.465 | 142 | 421251  | 111.100 | ug/l   | 99  |
| 11) Tert butyl alcohol       | 2.965 | 59  | 207609  | 496.373 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 2.337 | 96  | 365672  | 99.237  | ug/l   | 96  |
| 13) Acrolein                 | 2.245 | 56  | 390297  | 496.280 | ug/l   | 99  |
| 14) Allyl chloride           | 2.678 | 41  | 668038  | 100.294 | ug/l   | 99  |
| 15) Acrylonitrile            | 3.075 | 53  | 895719  | 514.199 | ug/l   | 99  |
| 16) Acetone                  | 2.386 | 43  | 680698  | 465.214 | ug/l   | 99  |
| 17) Carbon Disulfide         | 2.526 | 76  | 1045599 | 98.086  | ug/l   | 100 |
| 18) Methyl Acetate           | 2.715 | 43  | 381521  | 98.118  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 3.123 | 73  | 1109184 | 98.907  | ug/l   | 100 |
| 20) Methylene Chloride       | 2.806 | 84  | 382904  | 95.122  | ug/l   | 99  |
| 21) trans-1,2-Dichloroethene | 3.105 | 96  | 370810  | 98.339  | ug/l   | 97  |
| 22) Diisopropyl ether        | 3.770 | 45  | 1246566 | 97.342  | ug/l   | 99  |
| 23) Vinyl Acetate            | 3.733 | 43  | 5255654 | 511.682 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 3.623 | 63  | 690059  | 96.903  | ug/l   | 99  |
| 25) 2-Butanone               | 4.562 | 43  | 1064894 | 499.825 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 4.489 | 77  | 534633  | 96.986  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 4.501 | 96  | 433236  | 97.026  | ug/l   | 99  |
| 28) Bromochloromethane       | 4.910 | 49  | 327531  | 99.974  | ug/l   | 100 |
| 29) Tetrahydrofuran          | 5.013 | 42  | 696538  | 506.702 | ug/l   | 99  |
| 30) Chloroform               | 5.105 | 83  | 688904  | 95.036  | ug/l   | 98  |
| 31) Cyclohexane              | 5.483 | 56  | 644257  | 94.354  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 5.397 | 97  | 610295  | 96.931  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.702 | 75  | 486962  | 92.052  | ug/l   | 99  |
| 37) Ethyl Acetate            | 4.721 | 43  | 464215  | 99.573  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 5.690 | 117 | 534117  | 94.597  | ug/l   | 99  |
| 39) Methylcyclohexane        | 7.385 | 83  | 643495  | 97.426  | ug/l   | 98  |
| 40) Benzene                  | 6.050 | 78  | 1458721 | 95.282  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072125\  
 Data File : VX047059.D  
 Acq On : 21 Jul 2025 11:11  
 Operator : JC/MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC100

Quant Time: Jul 22 03:39:27 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 22 03:35:16 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 266722   | 104.648  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 514986   | 95.493   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 782743   | 103.002  | ug/l   | 99       |
| 44) Trichloroethene           | 7.129  | 130  | 372515   | 94.887   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 364769   | 95.131   | ug/l   | 97       |
| 46) Dibromomethane            | 7.586  | 93   | 262070   | 97.464   | ug/l   | 100      |
| 47) Bromodichloromethane      | 7.824  | 83   | 545715   | 95.349   | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 406578   | 98.210   | ug/l   | 100      |
| 49) 1,4-Dioxane               | 7.659  | 88   | 97685    | 2074.633 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 2213299  | 490.000  | ug/l   | 100      |
| 52) Toluene                   | 8.720  | 92   | 900379   | 95.648   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 550435   | 101.846  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 595662   | 100.700  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 333552   | 94.482   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 546929   | 104.649  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 579525   | 94.454   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 1489901  | 512.296  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 1534390  | 514.162  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 400453   | 96.718   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 350348   | 94.909   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 299042   | 93.490   | ug/l   | 96       |
| 65) Chlorobenzene             | 10.079 | 112  | 988883   | 95.134   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 338141   | 96.621   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 1752485  | 96.425   | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 1302405  | 191.494  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 624795   | 96.565   | ug/l   | 99       |
| 70) Styrene                   | 10.652 | 104  | 1072801  | 96.694   | ug/l   | 100      |
| 71) Bromoform                 | 10.799 | 173  | 259124   | 97.473   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 1645804  | 99.034   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 698465   | 105.369  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 457057   | 96.283   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 514787   | 132.033  | ug/l   | 82       |
| 77) Bromobenzene              | 11.195 | 156  | 389788   | 97.789   | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 1945548  | 97.969   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 1150165  | 96.889   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 1340151  | 97.612   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 158030   | 104.426  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 1340796  | 96.766   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 1347206  | 97.765   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 1346982  | 98.362   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 1682208  | 97.702   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 1404678  | 98.379   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 717851   | 94.782   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 726014   | 94.617   | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 1323274  | 98.826   | ug/l   | 100      |
| 90) Hexachloroethane          | 12.536 | 117  | 260929   | 102.152  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 12.329 | 146  | 684462   | 94.557   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 97209    | 106.683  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 481866   | 100.755  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 165153   | 101.539  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 1474039  | 105.135  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 464244   | 100.760  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072125\  
Data File : VX047059.D  
Acq On : 21 Jul 2025 11:11  
Operator : JC/MD  
Sample : VSTDICC100  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

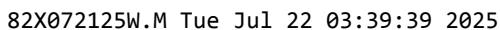
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

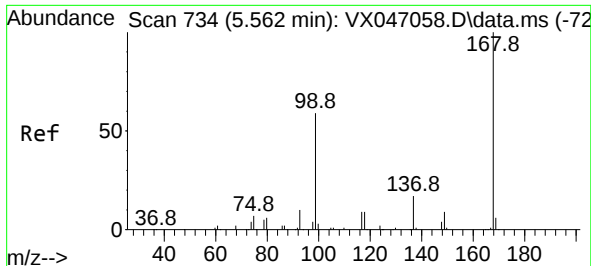
Quant Time: Jul 22 03:39:27 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 22 03:35:16 2025  
Response via : Initial Calibration

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

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

Quant Time: Jul 22 03:39:27 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072125W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 22 03:35:16 2025  
Response via : Initial Calibration

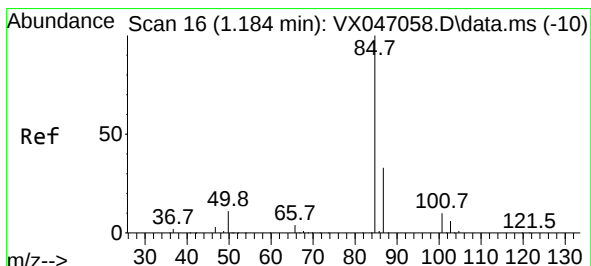
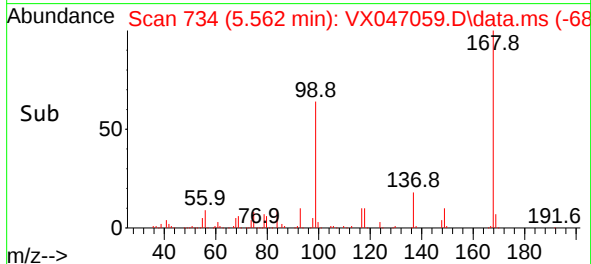
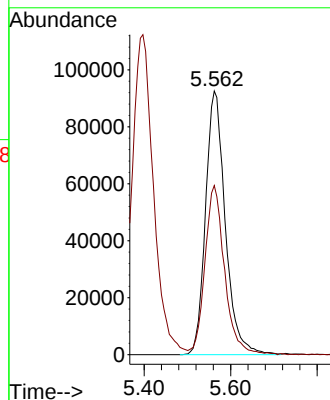
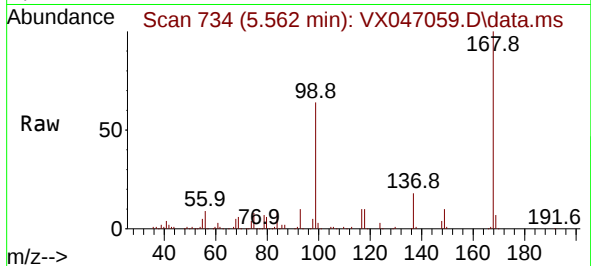




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

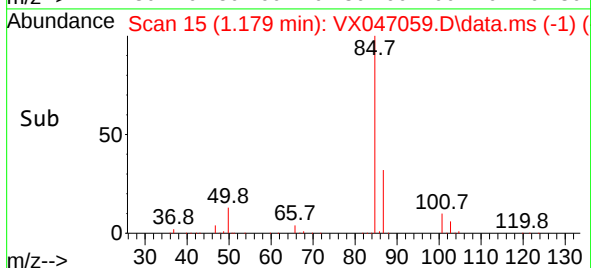
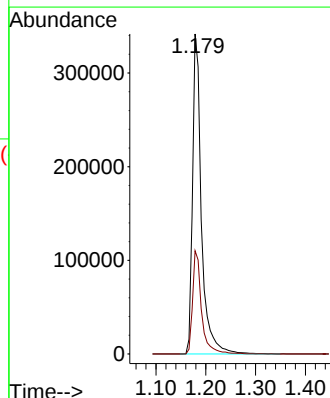
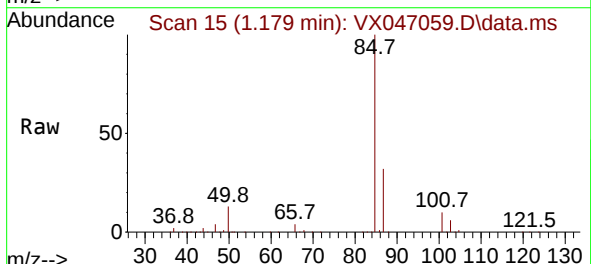
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

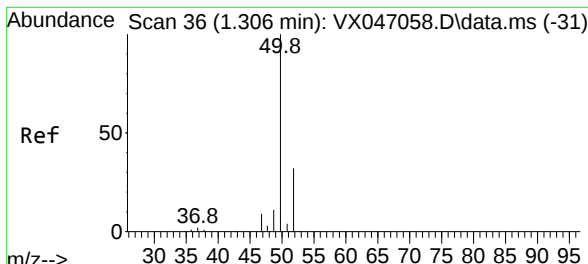
Tgt Ion:168 Resp: 293211  
Ion Ratio Lower Upper  
168 100  
99 63.8 48.0 72.0



#2  
Dichlorodifluoromethane  
Concen: 108.536 ug/l  
RT: 1.179 min Scan# 15  
Delta R.T. -0.006 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 85 Resp: 422702  
Ion Ratio Lower Upper  
85 100  
87 32.3 16.6 49.8

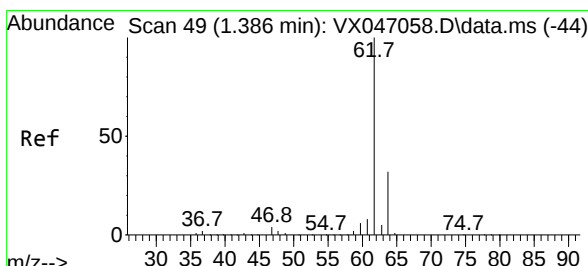
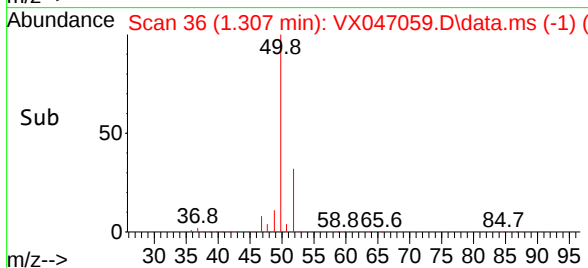
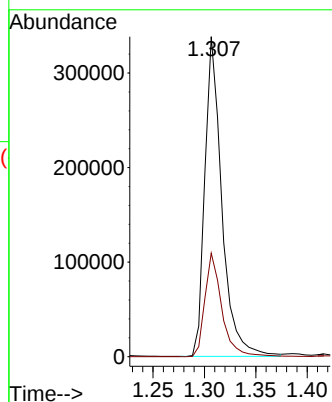
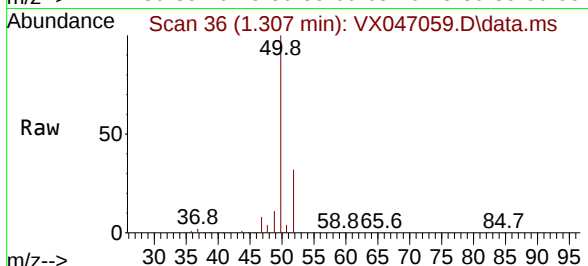




#3  
Chloromethane  
Concen: 101.483 ug/l  
RT: 1.307 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

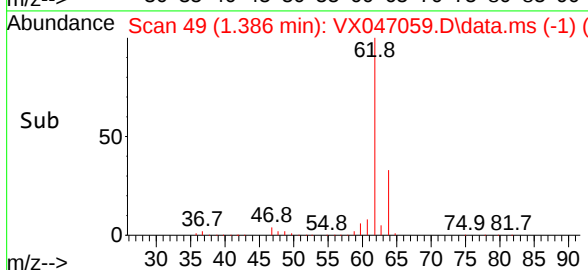
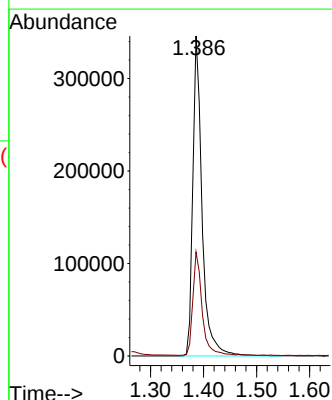
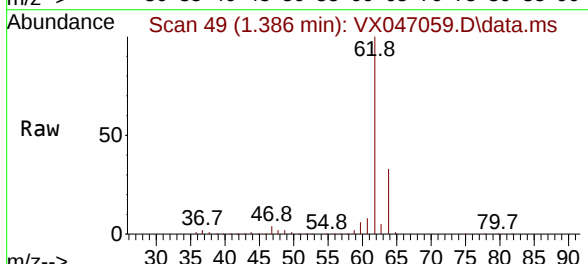
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

Tgt Ion: 50 Resp: 390958  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.4 38.2



#4  
Vinyl Chloride  
Concen: 101.428 ug/l  
RT: 1.386 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 62 Resp: 420036  
Ion Ratio Lower Upper  
62 100  
64 32.3 25.2 37.8

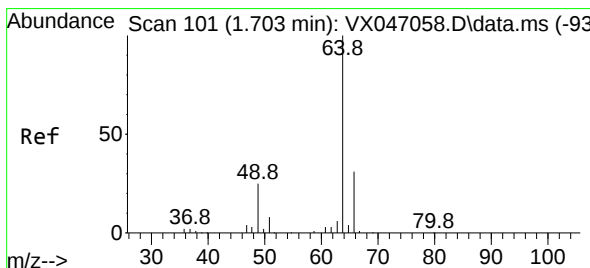
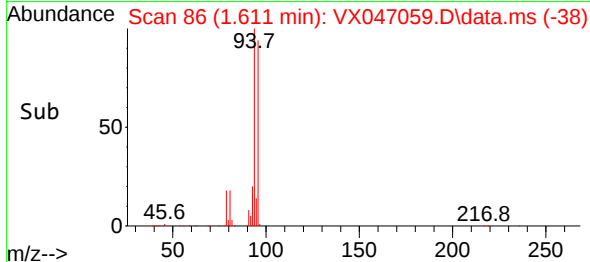
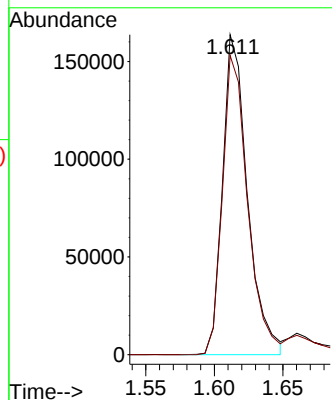
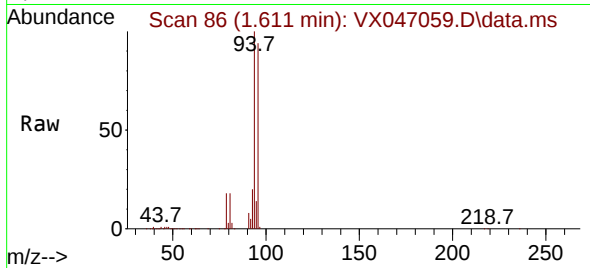




#5  
Bromomethane  
Concen: 92.097 ug/l  
RT: 1.611 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

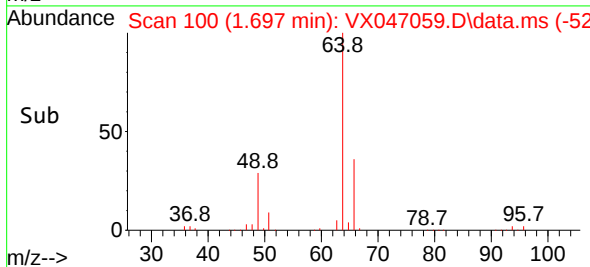
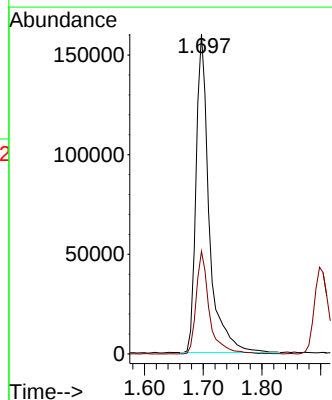
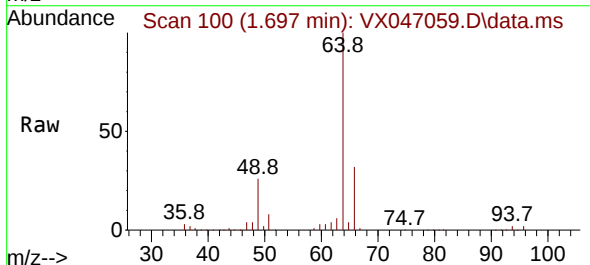
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

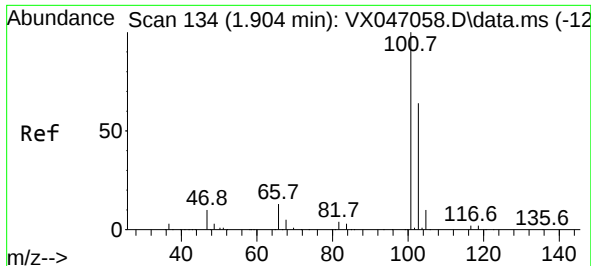
Tgt Ion: 94 Resp: 207177  
Ion Ratio Lower Upper  
94 100  
96 94.6 72.3 108.5



#6  
Chloroethane  
Concen: 91.235 ug/l  
RT: 1.697 min Scan# 100  
Delta R.T. -0.006 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 64 Resp: 248151  
Ion Ratio Lower Upper  
64 100  
66 32.2 25.0 37.6

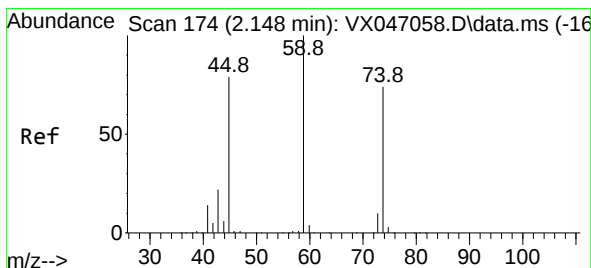
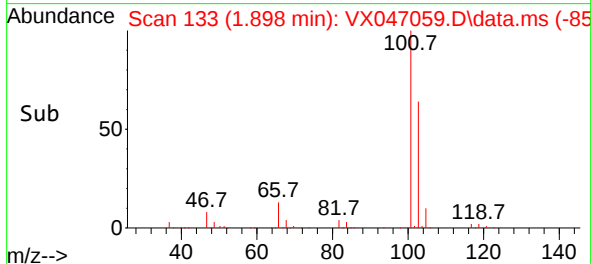
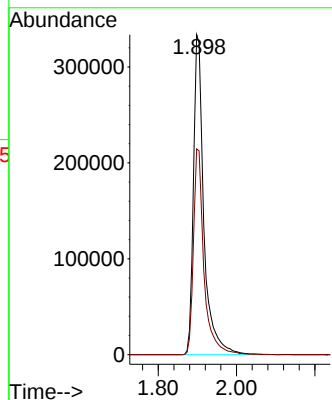
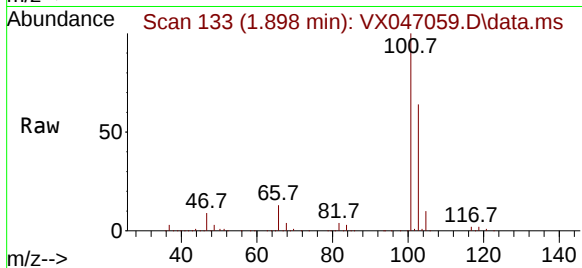




#7  
Trichlorofluoromethane  
Concen: 100.093 ug/l  
RT: 1.898 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

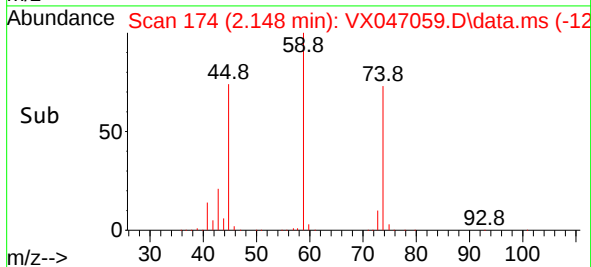
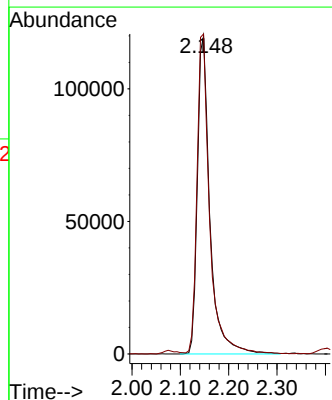
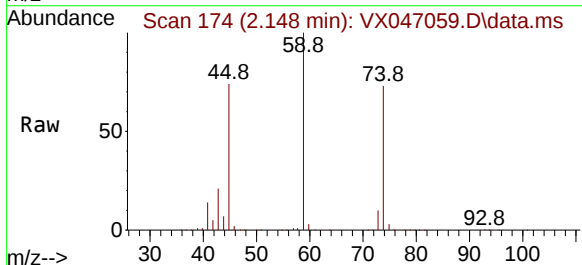
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

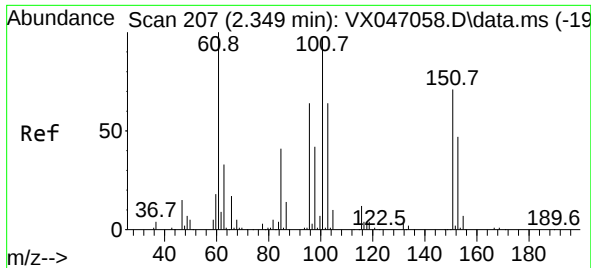
Tgt Ion:101 Resp: 618083  
Ion Ratio Lower Upper  
101 100  
103 64.3 50.9 76.3



#8  
Diethyl Ether  
Concen: 98.730 ug/l  
RT: 2.148 min Scan# 174  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 74 Resp: 214962  
Ion Ratio Lower Upper  
74 100  
45 101.2 53.0 159.0

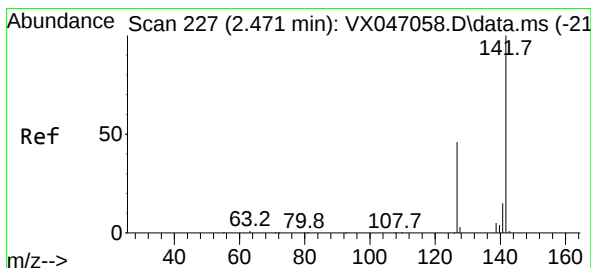
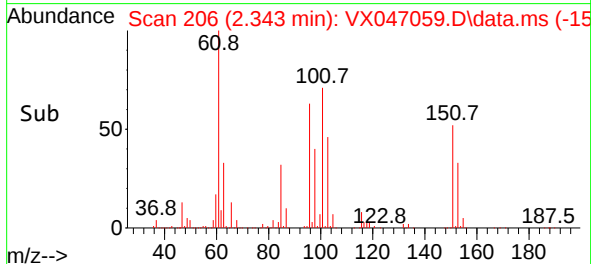
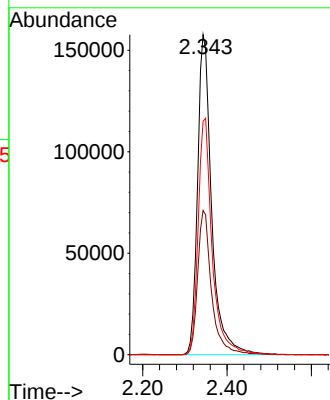
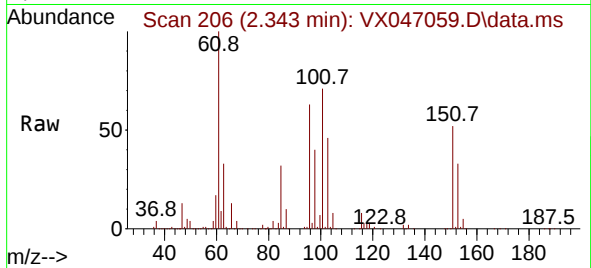




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 98.771 ug/l  
RT: 2.343 min Scan# 207  
Delta R.T. -0.006 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

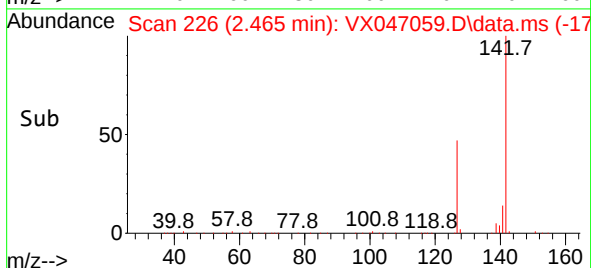
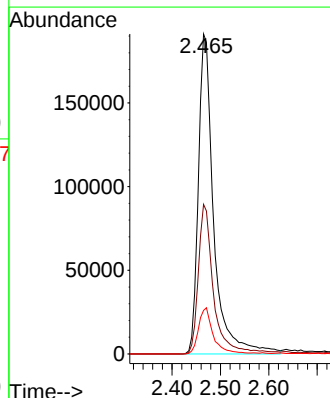
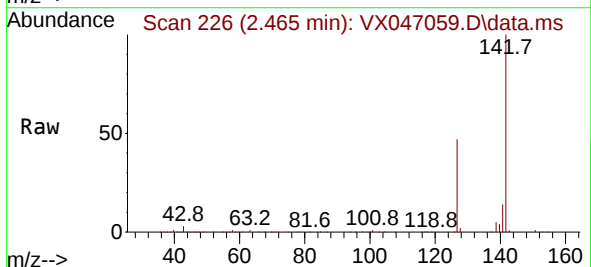
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

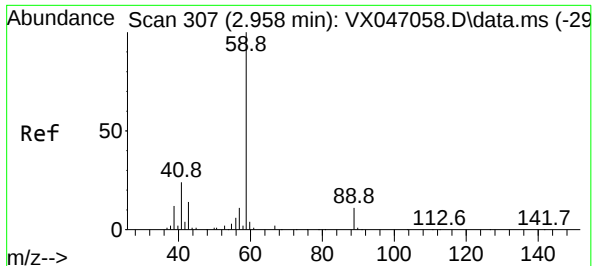
Tgt Ion:101 Resp: 367465  
Ion Ratio Lower Upper  
101 100  
85 44.5 35.4 53.0  
151 73.7 59.2 88.8



#10  
Methyl Iodide  
Concen: 111.100 ug/l  
RT: 2.465 min Scan# 226  
Delta R.T. -0.006 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion:142 Resp: 421251  
Ion Ratio Lower Upper  
142 100  
127 46.5 36.6 54.8  
141 13.7 10.9 16.3

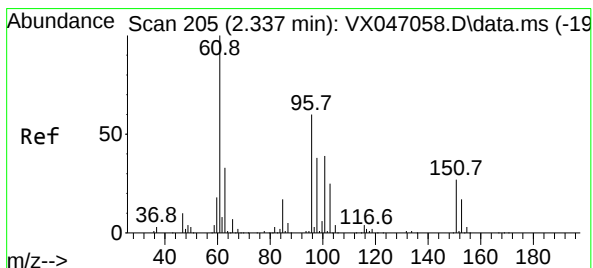
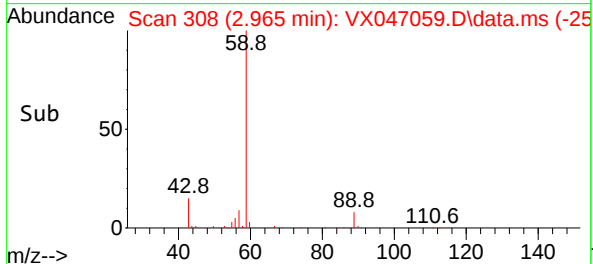
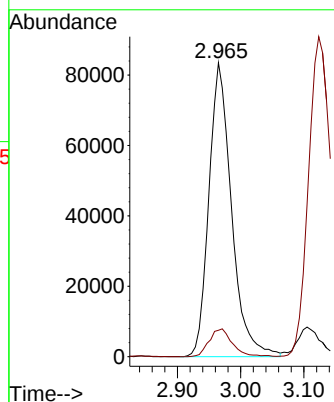
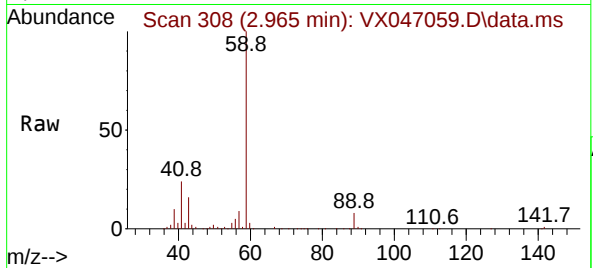




#11  
Tert butyl alcohol  
Concen: 496.373 ug/l  
RT: 2.965 min Scan# 307  
Delta R.T. 0.007 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

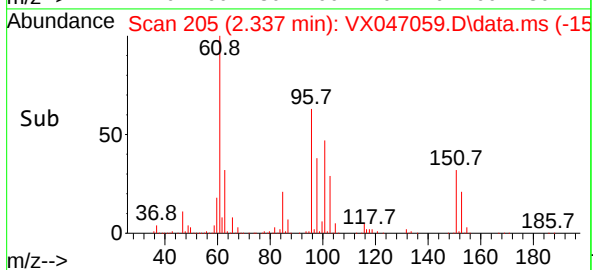
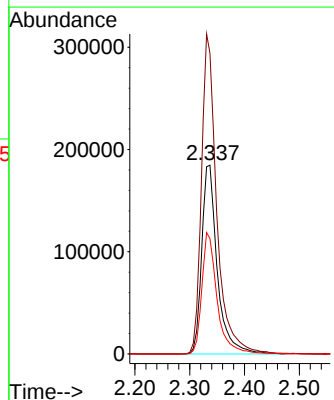
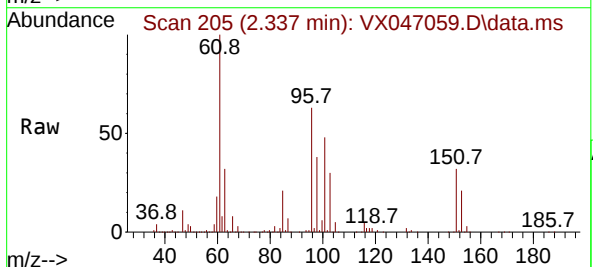
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

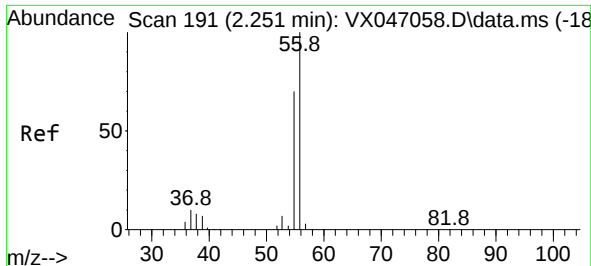
Tgt Ion: 59 Resp: 207609  
Ion Ratio Lower Upper  
59 100  
57 9.8 8.5 12.7



#12  
1,1-Dichloroethene  
Concen: 99.237 ug/l  
RT: 2.337 min Scan# 205  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 96 Resp: 365672  
Ion Ratio Lower Upper  
96 100  
61 159.2 132.6 198.8  
98 61.1 50.2 75.4

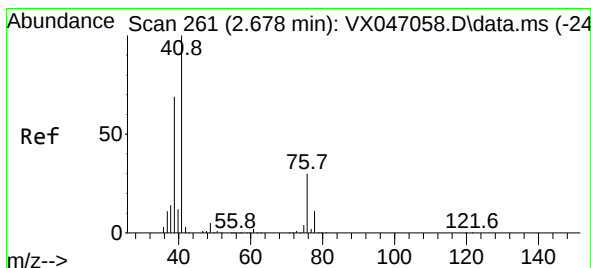
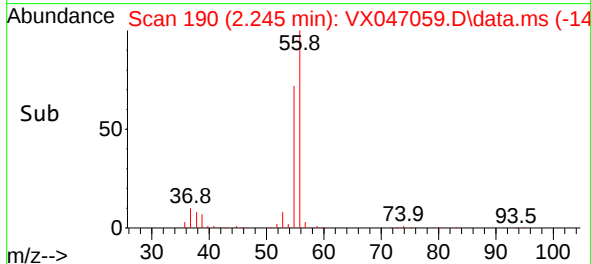
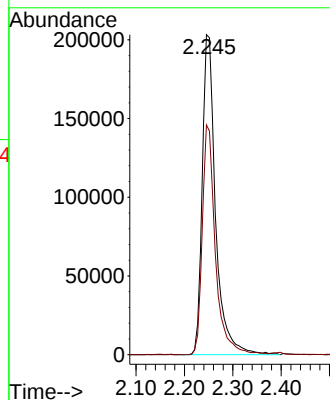
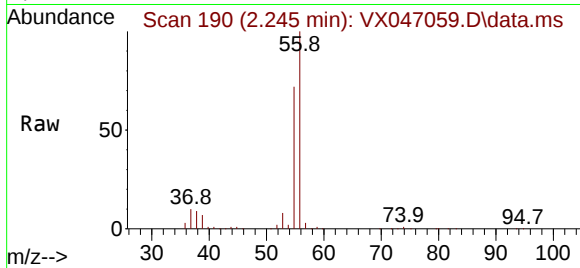




#13  
Acrolein  
Concen: 496.280 ug/l  
RT: 2.245 min Scan# 191  
Delta R.T. -0.006 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

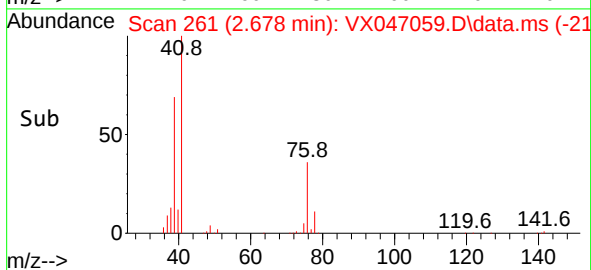
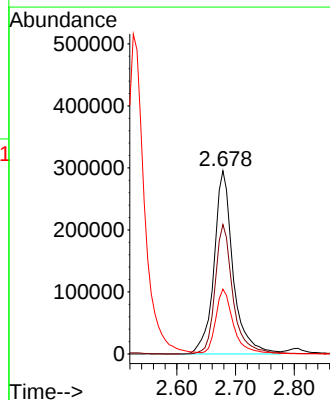
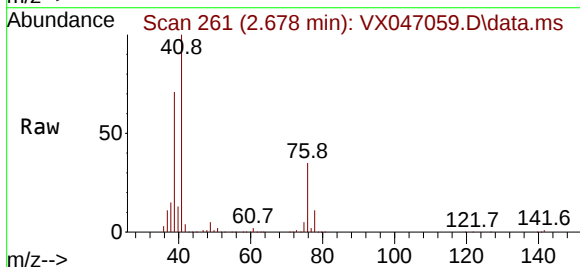
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

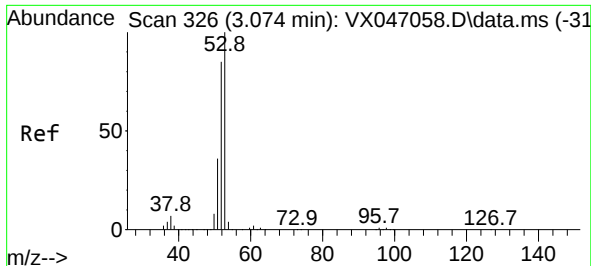
Tgt Ion: 56 Resp: 390297  
Ion Ratio Lower Upper  
56 100  
55 70.6 55.7 83.5



#14  
Allyl chloride  
Concen: 100.294 ug/l  
RT: 2.678 min Scan# 261  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 41 Resp: 668038  
Ion Ratio Lower Upper  
41 100  
39 66.1 52.6 78.8  
76 32.9 25.7 38.5

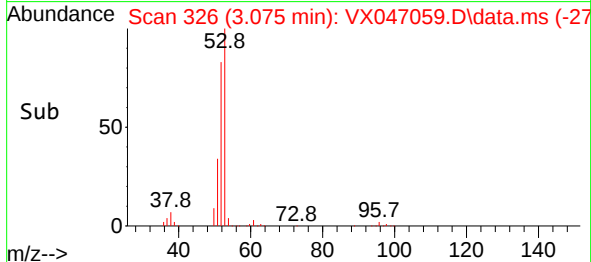
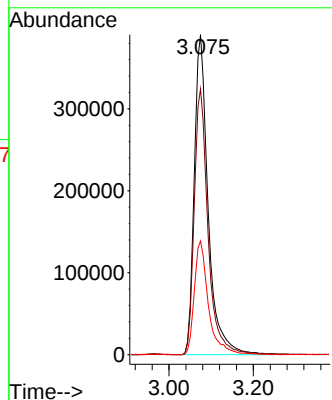
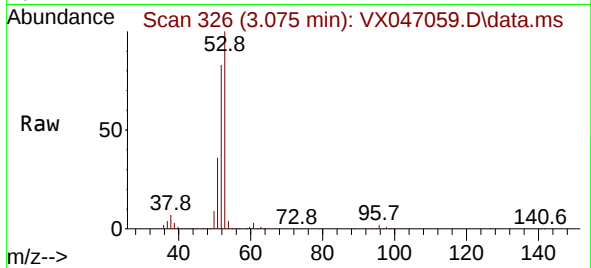




#15  
Acrylonitrile  
Concen: 514.199 ug/l  
RT: 3.075 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

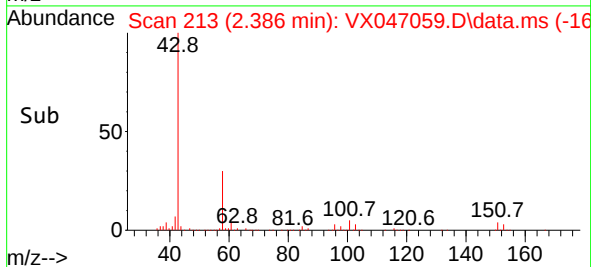
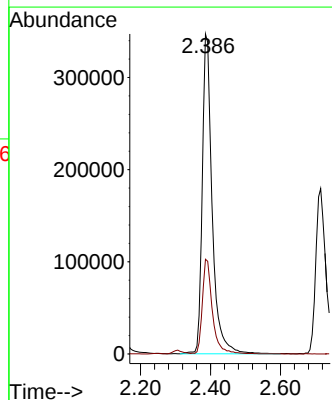
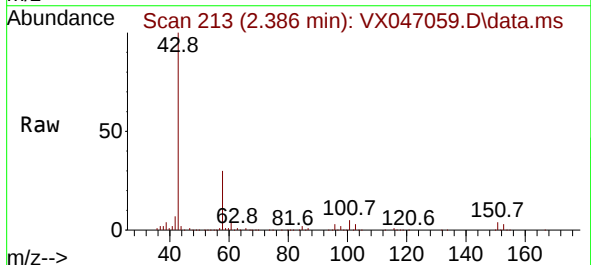
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MSVOA\_X  
ClientSampleId :  
VSTDIC100

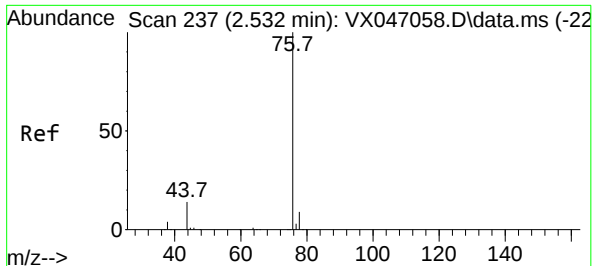
Tgt Ion: 53 Resp: 895719  
Ion Ratio Lower Upper  
53 100  
52 82.7 65.7 98.5  
51 36.3 28.8 43.2



#16  
Acetone  
Concen: 465.214 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 43 Resp: 680698  
Ion Ratio Lower Upper  
43 100  
58 29.7 24.0 36.0

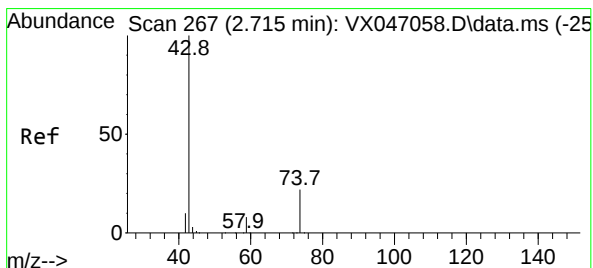
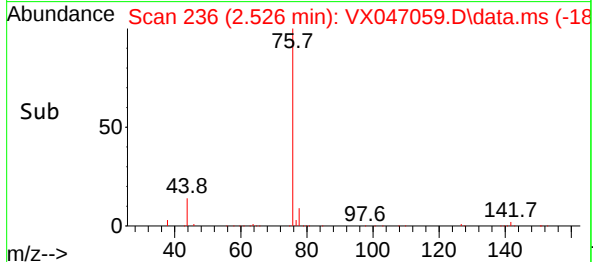
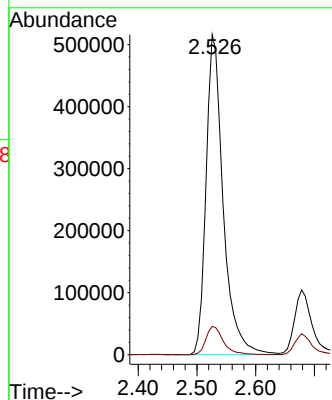
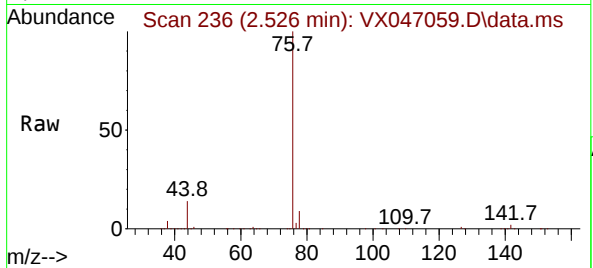




#17  
Carbon Disulfide  
Concen: 98.086 ug/l  
RT: 2.526 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

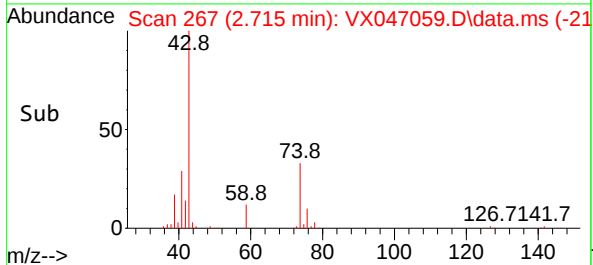
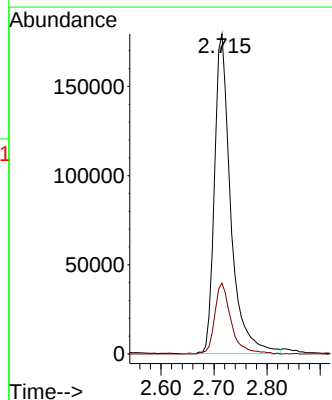
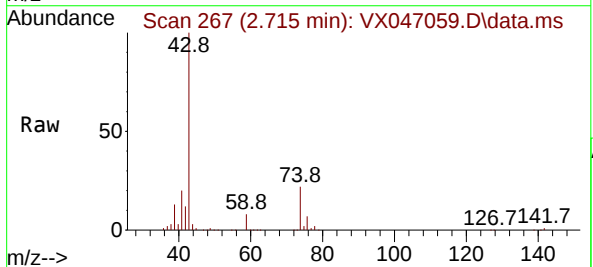
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

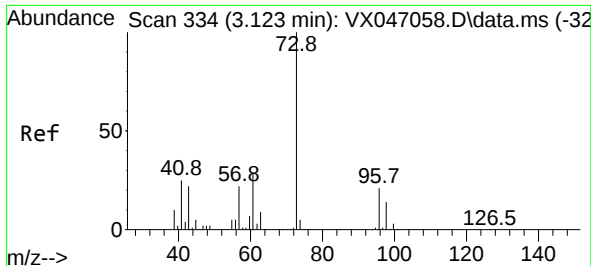
Tgt Ion: 76 Resp: 1045599  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.0 10.4



#18  
Methyl Acetate  
Concen: 98.118 ug/l  
RT: 2.715 min Scan# 267  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 43 Resp: 381521  
Ion Ratio Lower Upper  
43 100  
74 22.5 17.7 26.5

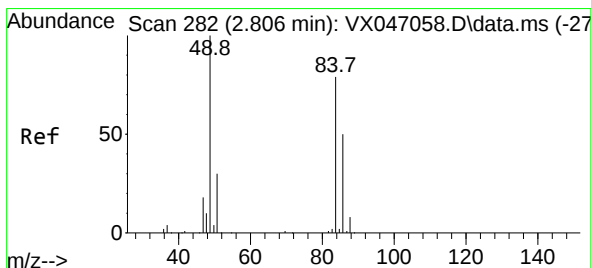
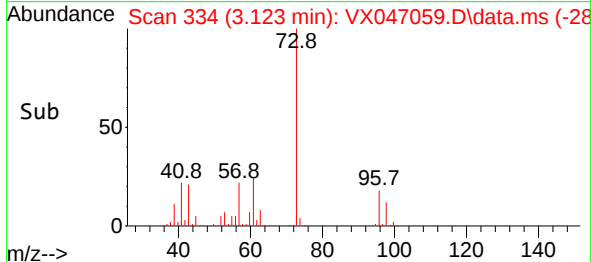
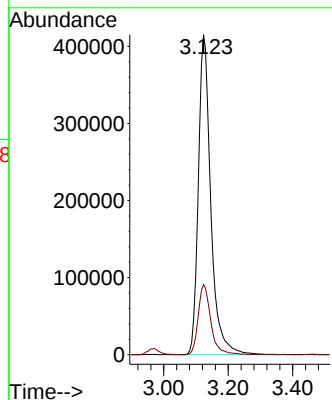
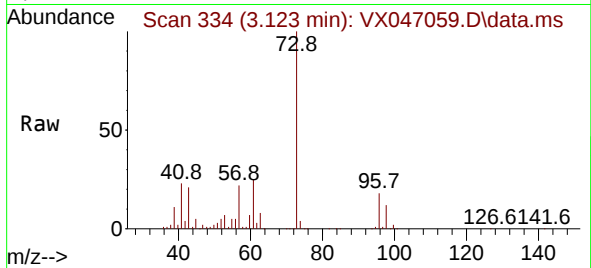




#19  
Methyl tert-butyl Ether  
Concen: 98.907 ug/l  
RT: 3.123 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

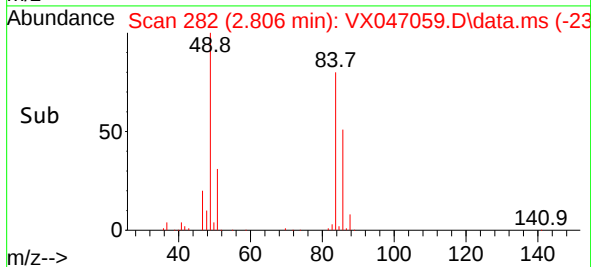
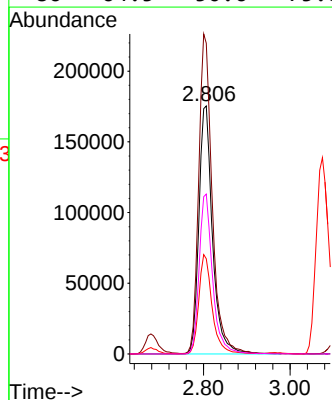
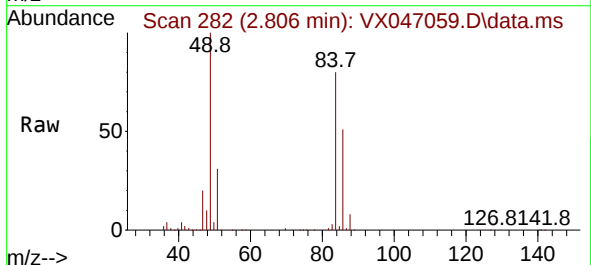
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

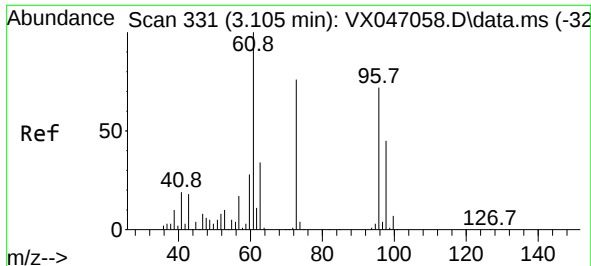
Tgt Ion: 73 Resp: 1109184  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.7 26.5



#20  
Methylene Chloride  
Concen: 95.122 ug/l  
RT: 2.806 min Scan# 282  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 84 Resp: 382904  
Ion Ratio Lower Upper  
84 100  
49 125.1 101.6 152.4  
51 38.3 30.3 45.5  
86 64.5 50.6 75.8

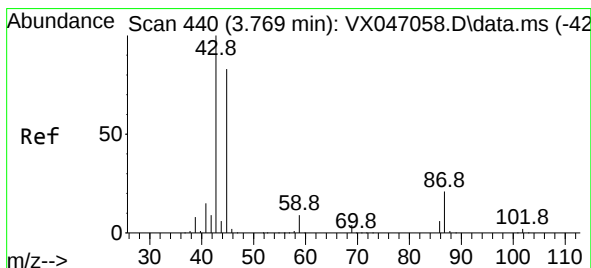
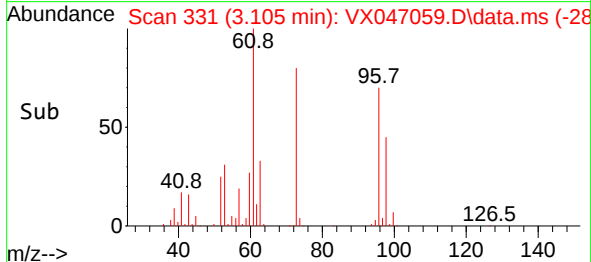
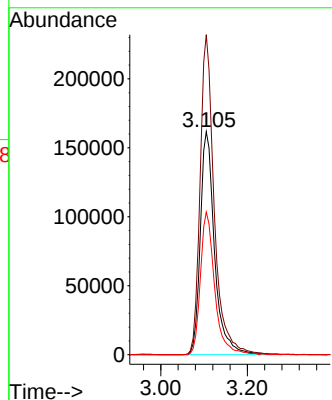
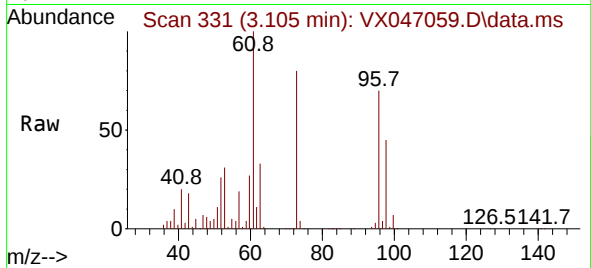




#21  
trans-1,2-Dichloroethene  
Concen: 98.339 ug/l  
RT: 3.105 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

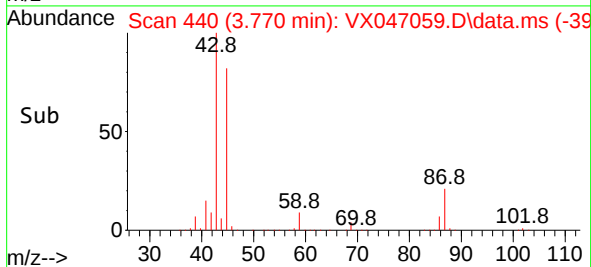
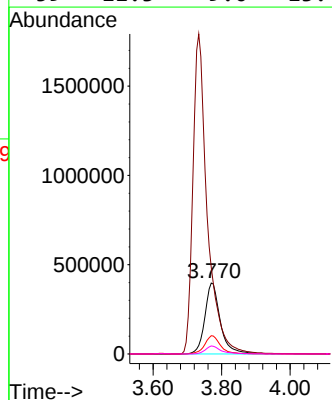
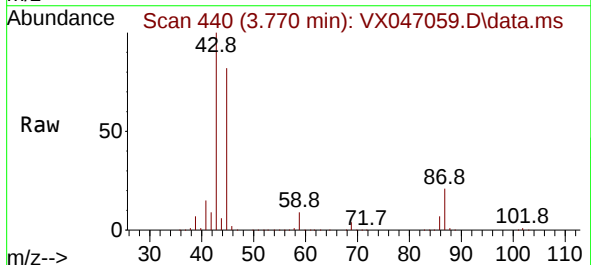
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

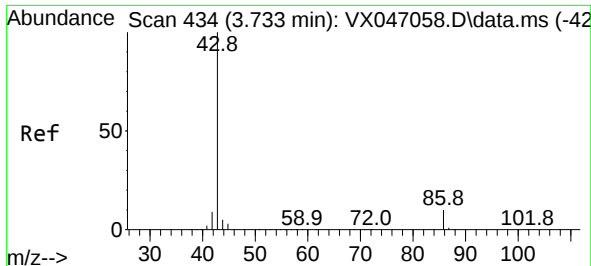
Tgt Ion: 96 Resp: 370810  
Ion Ratio Lower Upper  
96 100  
61 143.5 111.1 166.7  
98 64.0 49.6 74.4



#22  
Diisopropyl ether  
Concen: 97.342 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 45 Resp: 1246566  
Ion Ratio Lower Upper  
45 100  
43 121.8 96.8 145.2  
87 25.7 20.5 30.7  
59 11.3 9.0 13.4

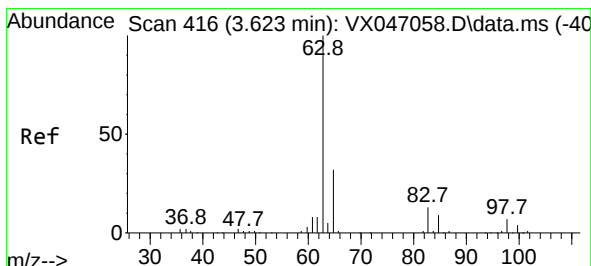
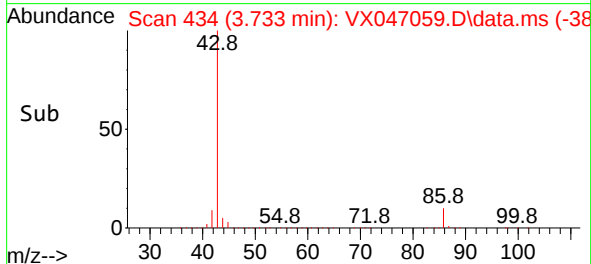
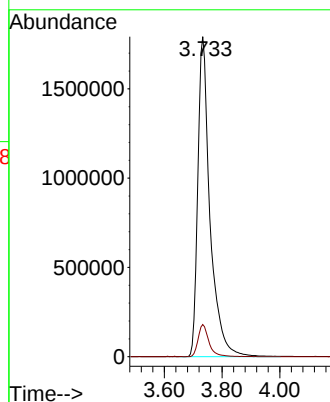
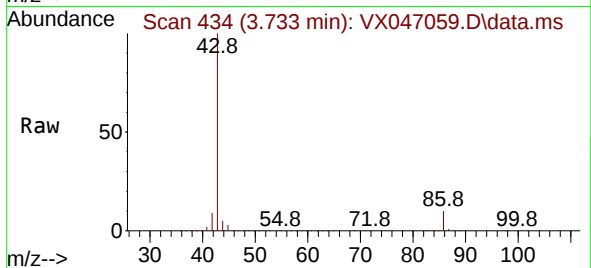




#23  
 Vinyl Acetate  
 Concen: 511.682 ug/l  
 RT: 3.733 min Scan# 411  
 Delta R.T. 0.000 min  
 Lab File: VX047059.D  
 Acq: 21 Jul 2025 11:11

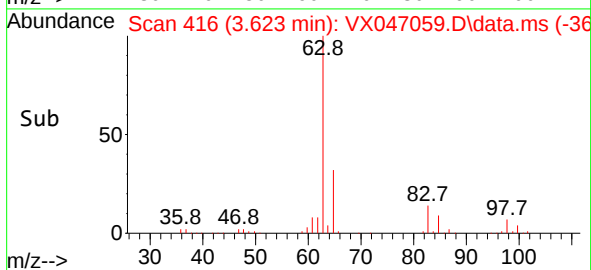
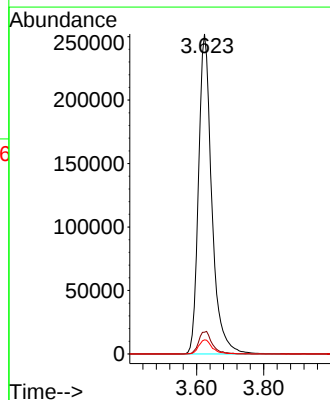
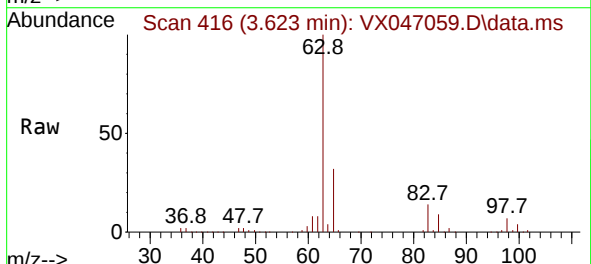
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

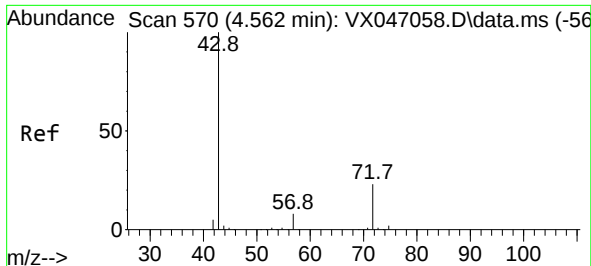
Tgt Ion: 43 Resp: 5255654  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 8.1 12.1



#24  
 1,1-Dichloroethane  
 Concen: 96.903 ug/l  
 RT: 3.623 min Scan# 416  
 Delta R.T. 0.000 min  
 Lab File: VX047059.D  
 Acq: 21 Jul 2025 11:11

Tgt Ion: 63 Resp: 690059  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.6 10.8  
 100 4.4 2.3 6.8

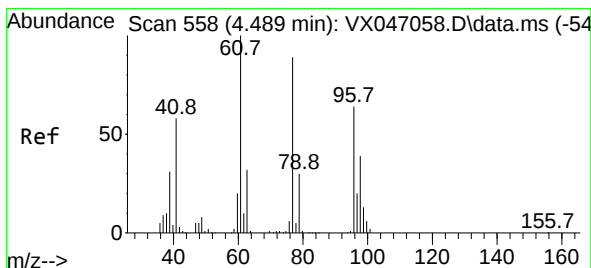
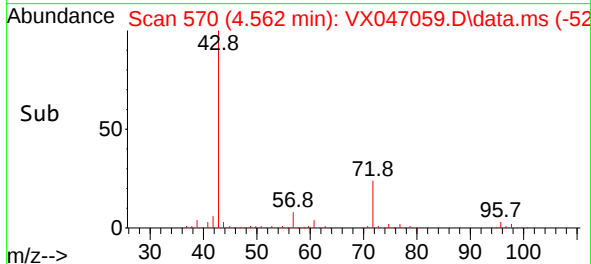
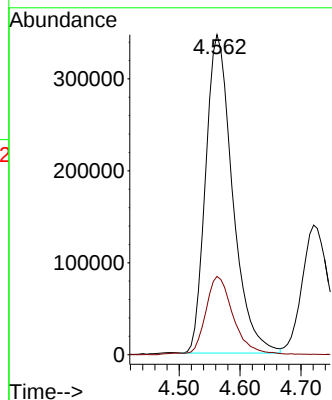
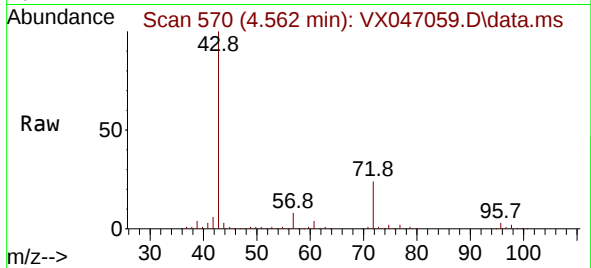




#25  
2-Butanone  
Concen: 499.825 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

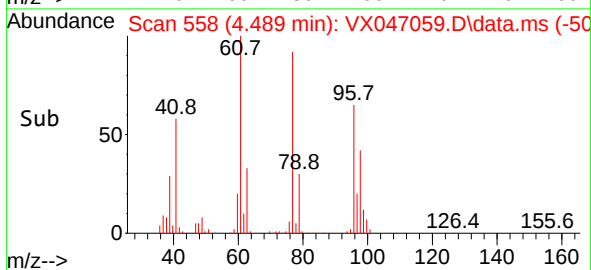
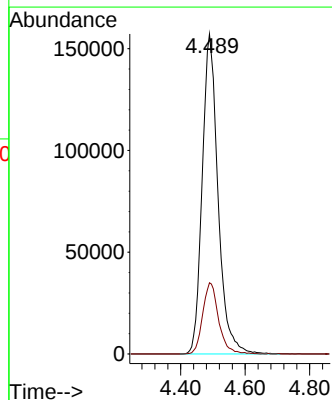
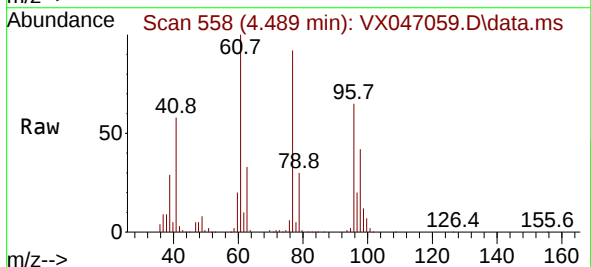
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tgt Ion: 43 Resp: 1064894  
Ion Ratio Lower Upper  
43 100  
72 24.2 18.8 28.2



#26  
2,2-Dichloropropane  
Concen: 96.986 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 77 Resp: 534633  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 97.026 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

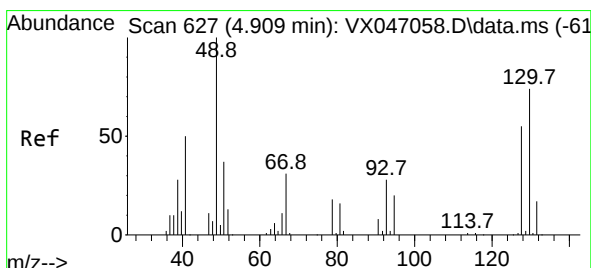
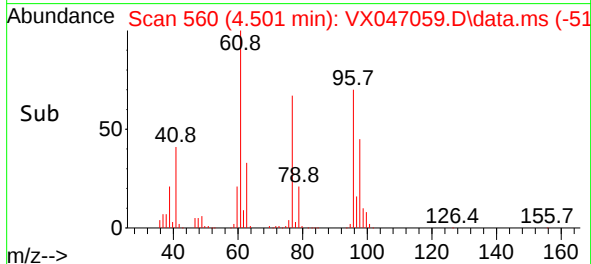
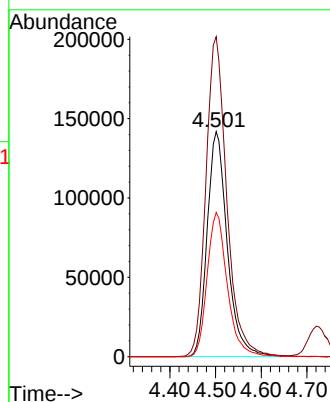
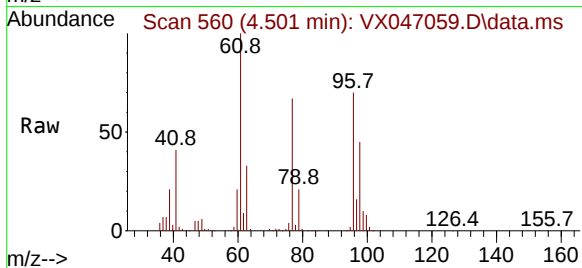
Tgt Ion: 96 Resp: 433236

Ion Ratio Lower Upper

96 100

61 147.5 0.0 298.6

98 64.3 0.0 128.8



#28

Bromochloromethane

Concen: 99.974 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

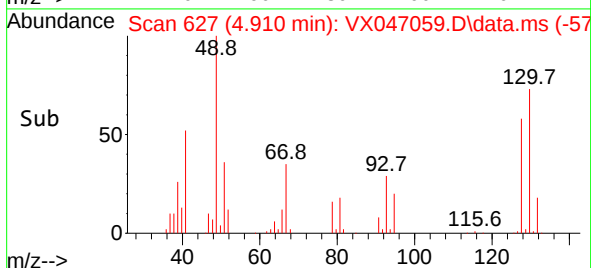
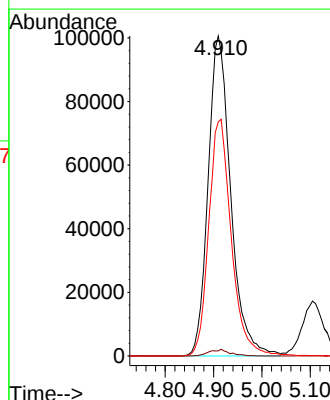
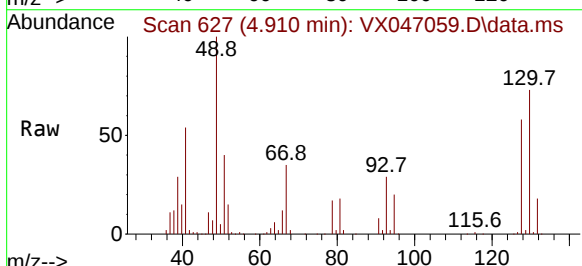
Tgt Ion: 49 Resp: 327531

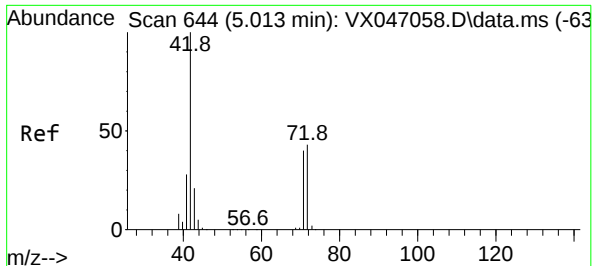
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 73.6 59.0 88.4





#29

Tetrahydrofuran

Concen: 506.702 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

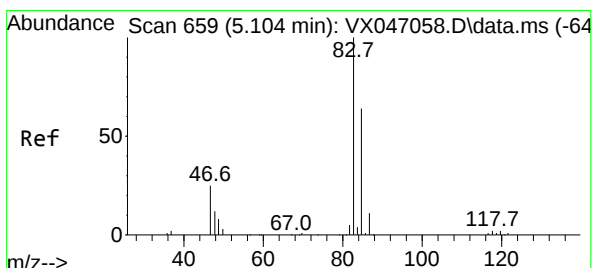
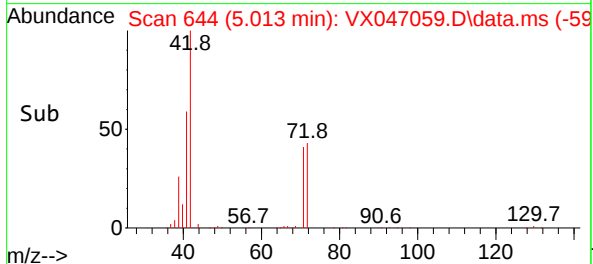
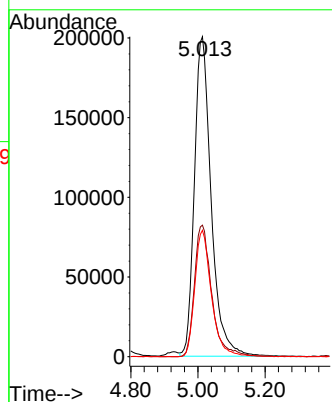
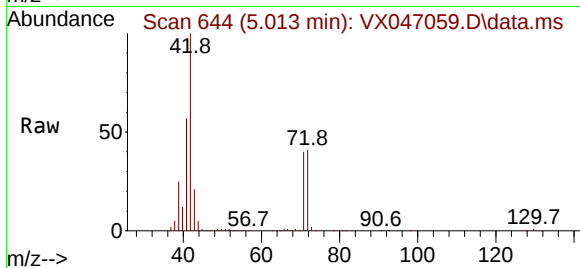
Tgt Ion: 42 Resp: 696538

Ion Ratio Lower Upper

42 100

72 42.6 33.7 50.5

71 39.4 31.0 46.4



#30

Chloroform

Concen: 95.036 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX047059.D

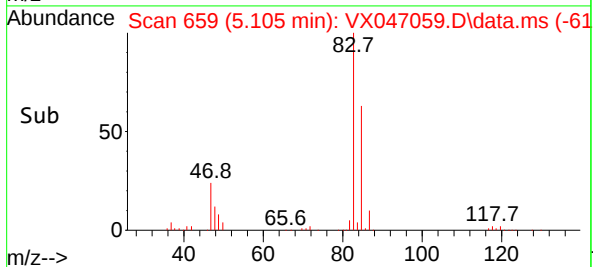
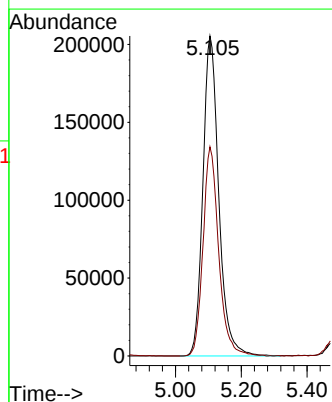
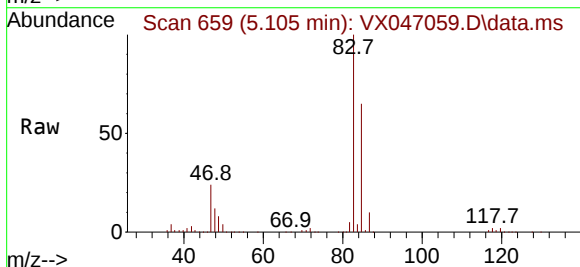
Acq: 21 Jul 2025 11:11

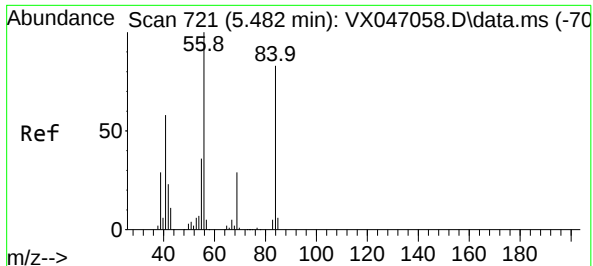
Tgt Ion: 83 Resp: 688904

Ion Ratio Lower Upper

83 100

85 65.4 50.9 76.3

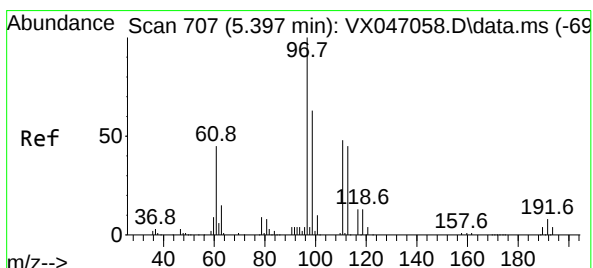
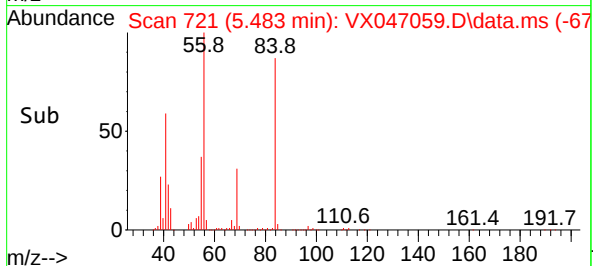
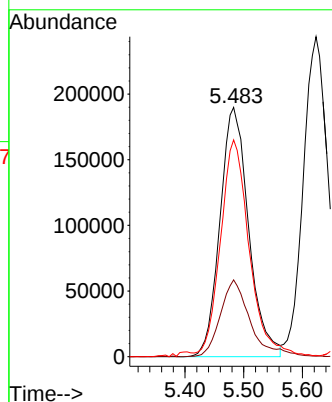
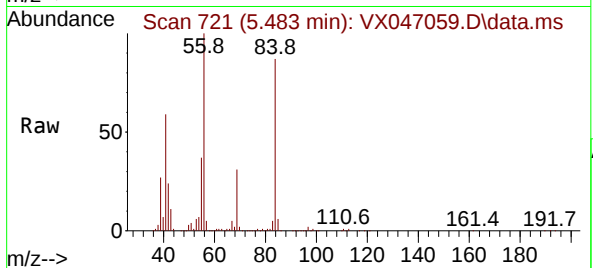




#31  
Cyclohexane  
Concen: 94.354 ug/l  
RT: 5.483 min Scan# 721  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

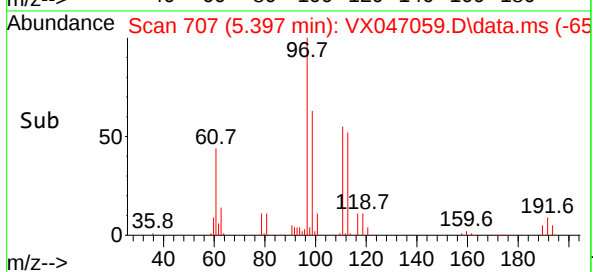
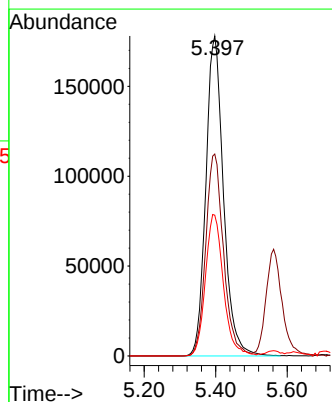
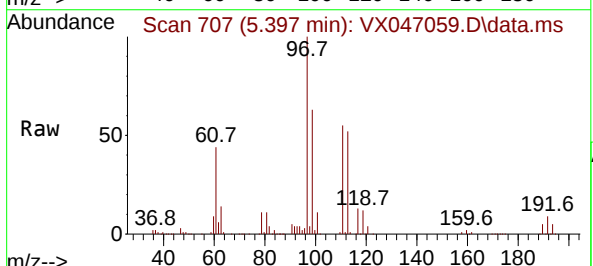
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tgt Ion: 56 Resp: 644257  
Ion Ratio Lower Upper  
56 100  
69 30.4 23.3 34.9  
84 85.3 66.5 99.7



#32  
1,1,1-Trichloroethane  
Concen: 96.931 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 97 Resp: 610295  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.2 76.8  
61 45.1 37.1 55.7

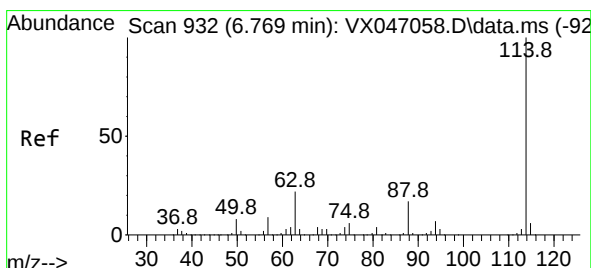
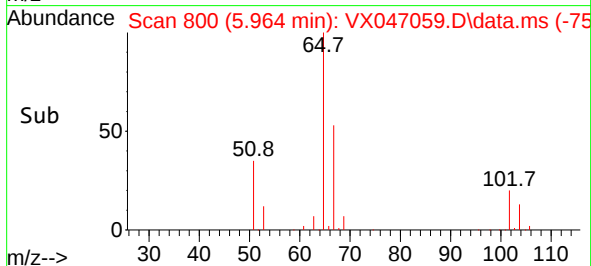
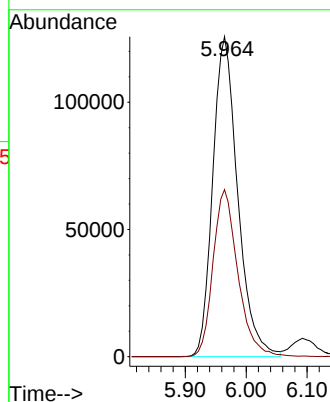
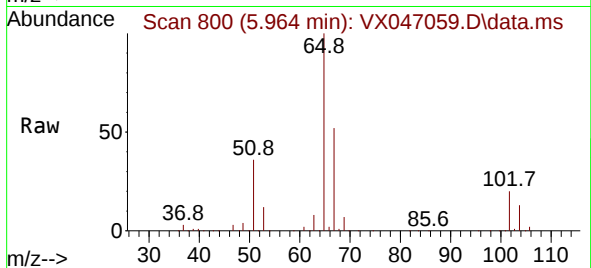




#33  
 1,2-Dichloroethane-d4  
 Concen: 98.067 ug/l  
 RT: 5.964 min Scan# 800  
 Delta R.T. 0.000 min  
 Lab File: VX047059.D  
 Acq: 21 Jul 2025 11:11

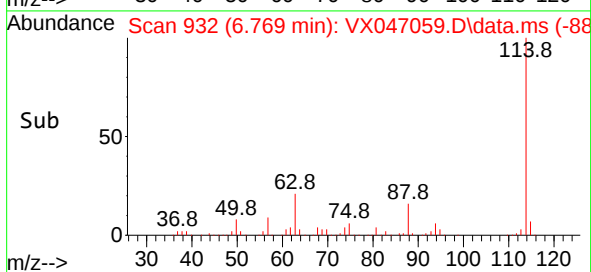
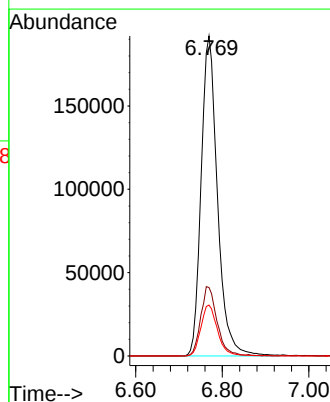
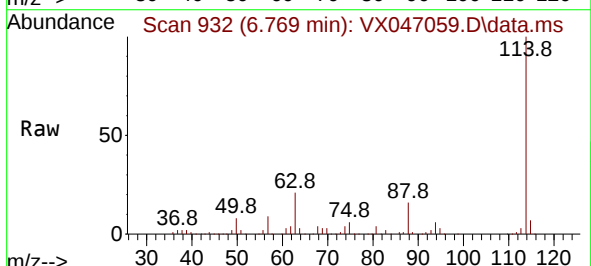
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

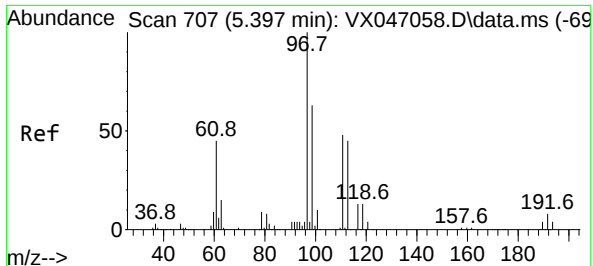
Tgt Ion: 65 Resp: 358189  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.769 min Scan# 932  
 Delta R.T. 0.000 min  
 Lab File: VX047059.D  
 Acq: 21 Jul 2025 11:11

Tgt Ion: 114 Resp: 502636  
 Ion Ratio Lower Upper  
 114 100  
 63 21.4 0.0 43.2  
 88 15.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 97.981 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

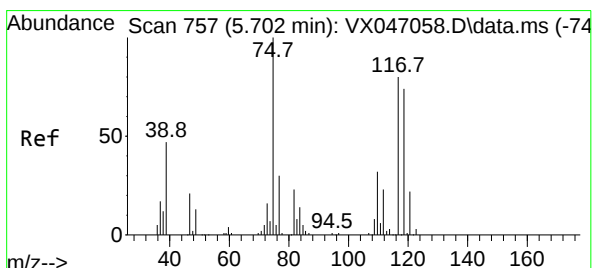
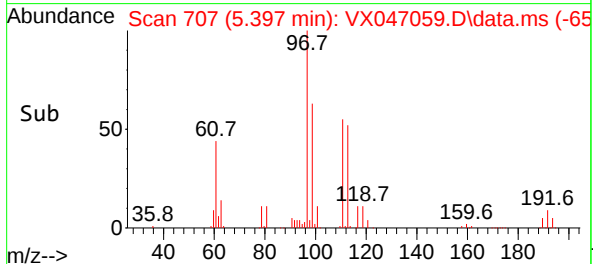
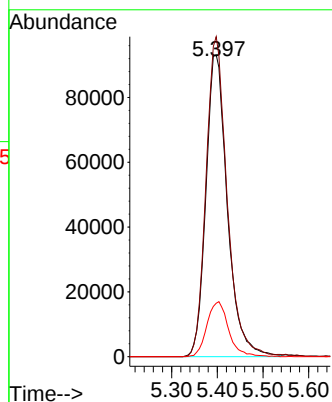
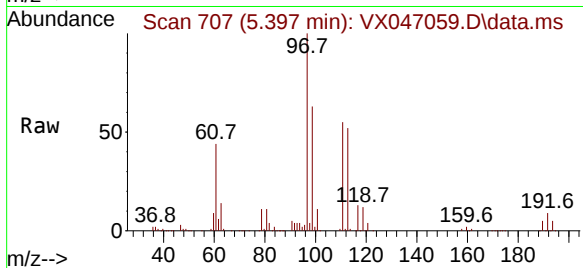
Tgt Ion:113 Resp: 304077

Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 18.4 14.9 22.3



#36

1,1-Dichloropropene

Concen: 92.052 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

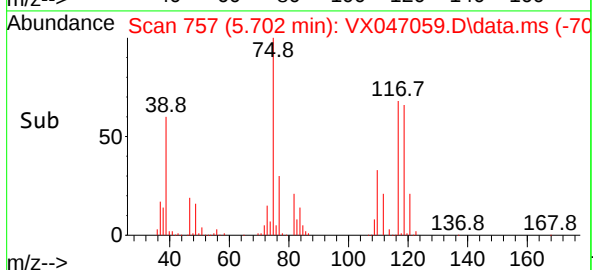
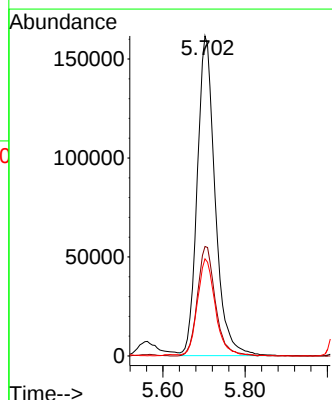
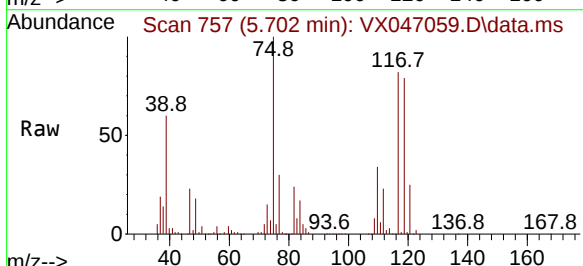
Tgt Ion: 75 Resp: 486962

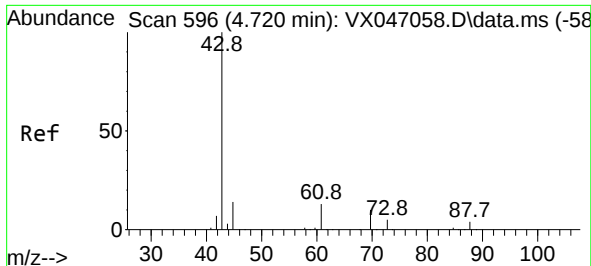
Ion Ratio Lower Upper

75 100

110 34.5 17.2 51.5

77 30.5 25.1 37.7





#37

Ethyl Acetate

Concen: 99.573 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

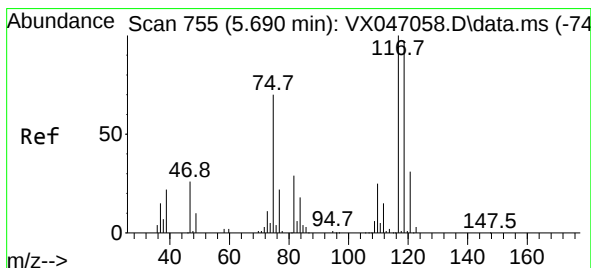
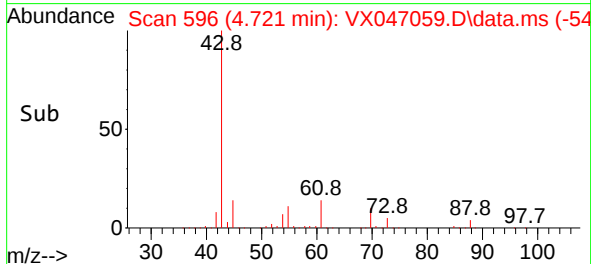
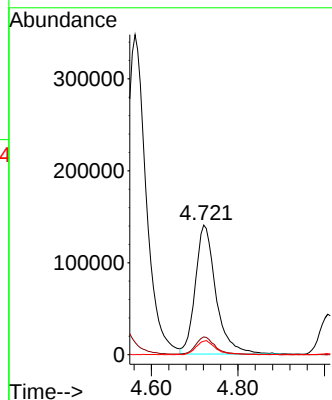
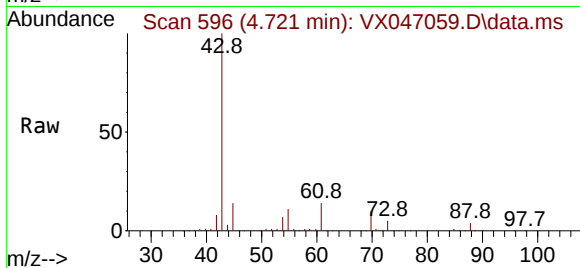
Tgt Ion: 43 Resp: 464215

Ion Ratio Lower Upper

43 100

61 13.0 10.2 15.2

70 10.3 8.1 12.1



#38

Carbon Tetrachloride

Concen: 94.597 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

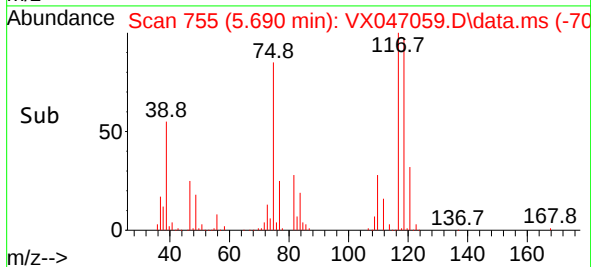
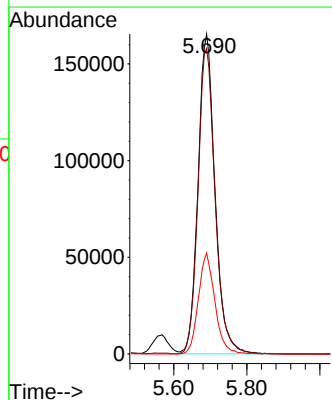
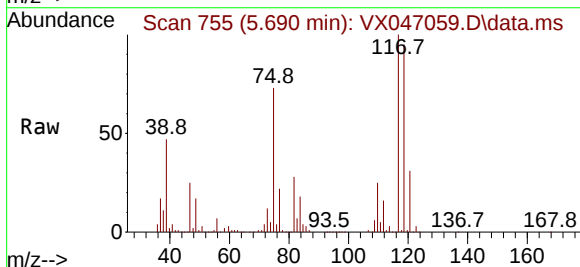
Tgt Ion: 117 Resp: 534117

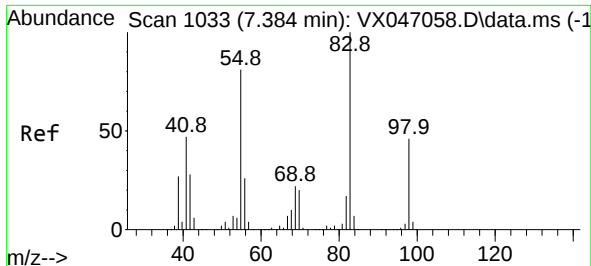
Ion Ratio Lower Upper

117 100

119 95.4 76.6 115.0

121 31.5 24.4 36.6

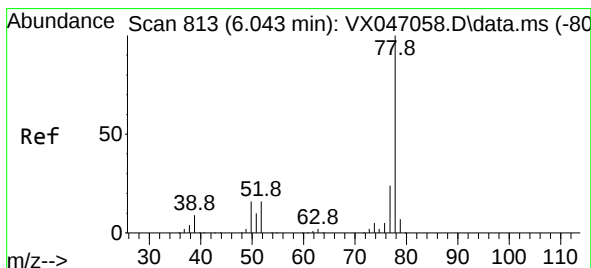
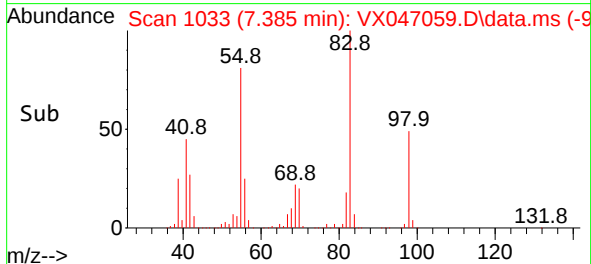
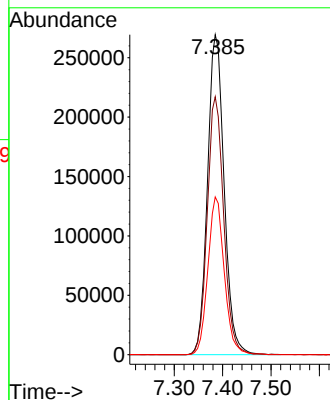
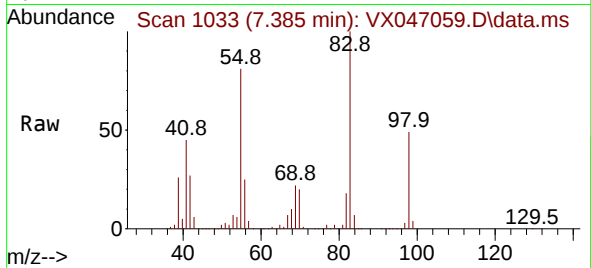




#39  
Methylcyclohexane  
Concen: 97.426 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

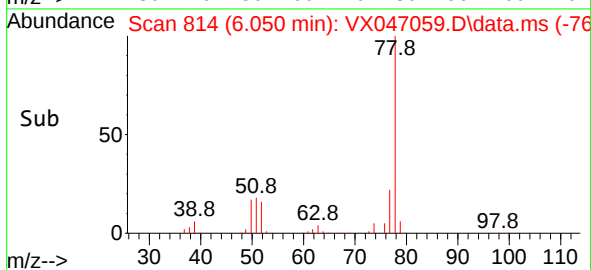
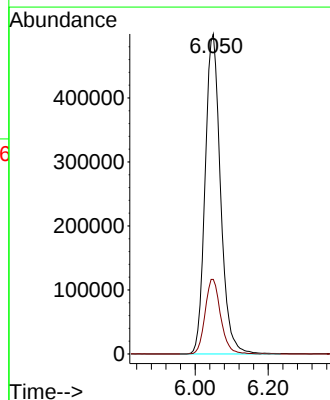
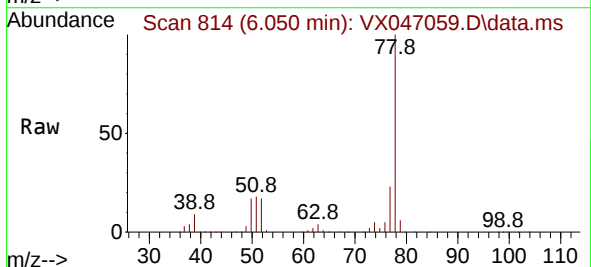
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

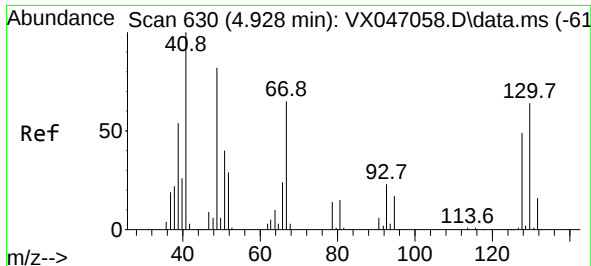
Tgt Ion: 83 Resp: 643495  
Ion Ratio Lower Upper  
83 100  
55 80.6 64.5 96.7  
98 49.3 36.9 55.3



#40  
Benzene  
Concen: 95.282 ug/l  
RT: 6.050 min Scan# 814  
Delta R.T. 0.006 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 78 Resp: 1458721  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.0 28.4

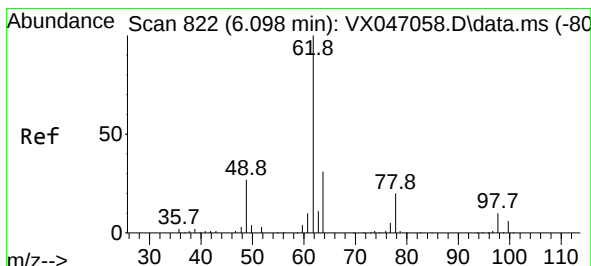
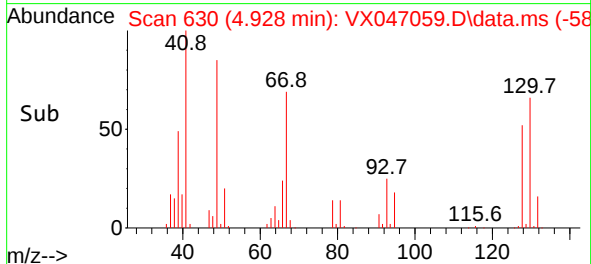
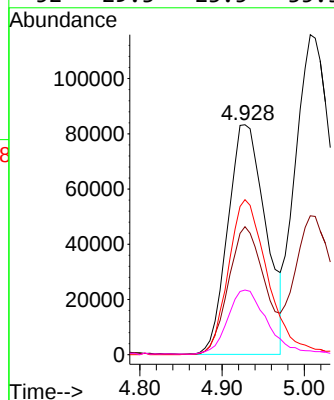
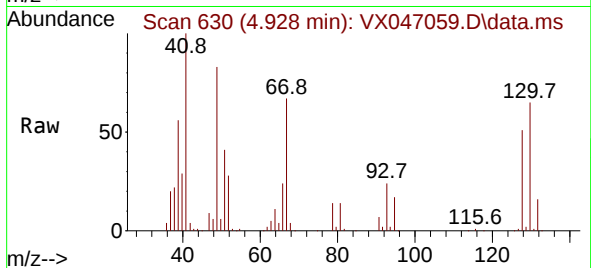




#41  
Methacrylonitrile  
Concen: 104.648 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

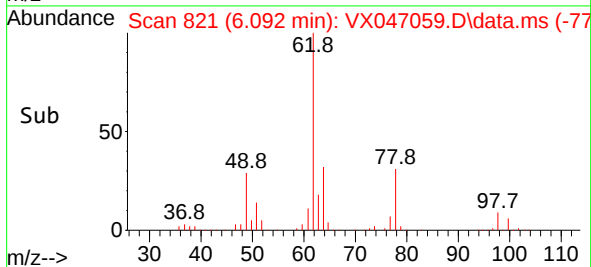
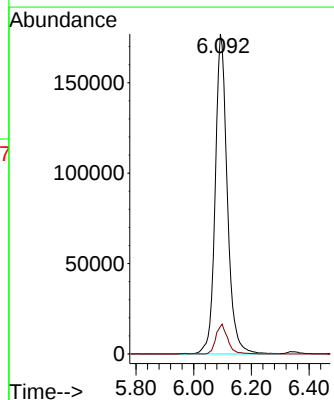
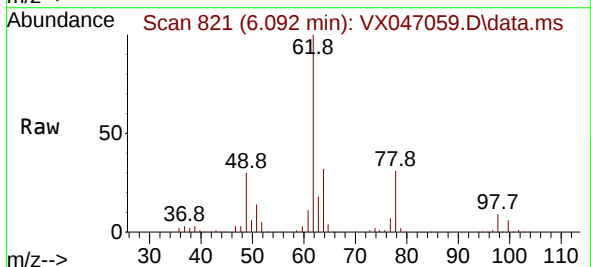
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

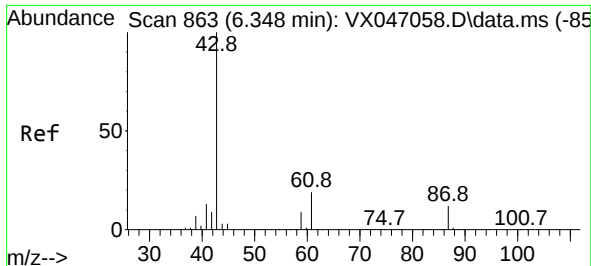
Tgt Ion: 41 Resp: 266722  
Ion Ratio Lower Upper  
41 100  
39 53.6 44.2 66.2  
67 71.1 56.4 84.6  
52 29.3 23.5 35.3



#42  
1,2-Dichloroethane  
Concen: 95.493 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 62 Resp: 514986  
Ion Ratio Lower Upper  
62 100  
98 9.0 0.0 18.8

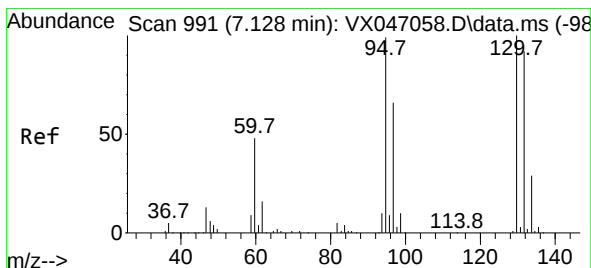
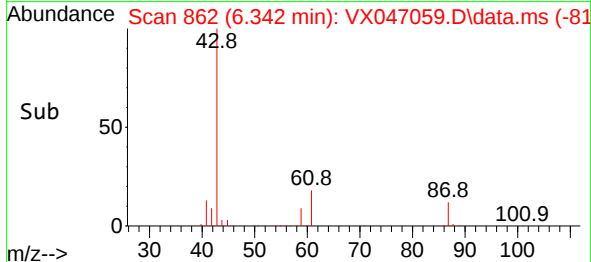
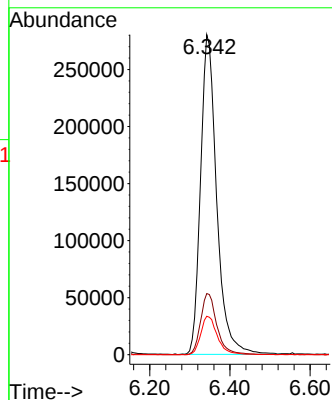
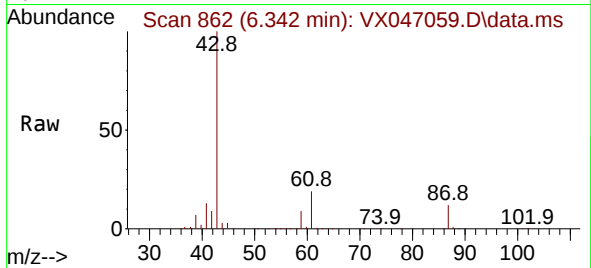




#43  
Isopropyl Acetate  
Concen: 103.002 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

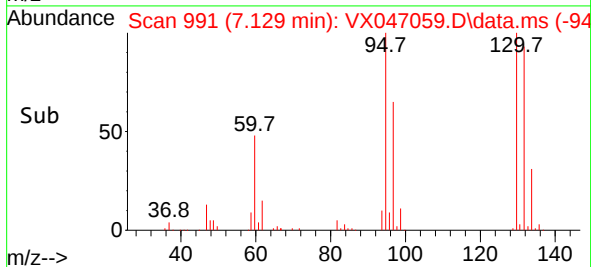
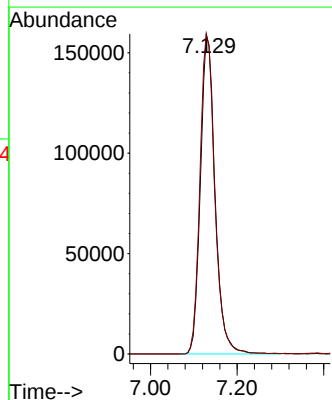
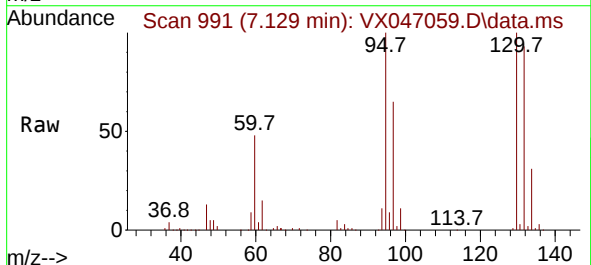
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

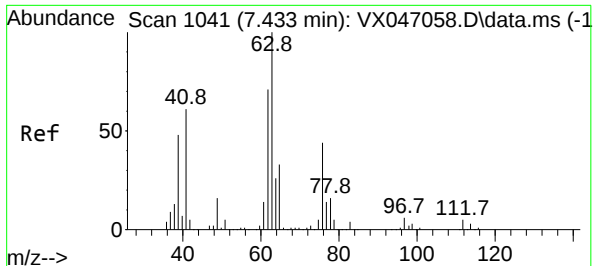
Tgt Ion: 43 Resp: 782743  
Ion Ratio Lower Upper  
43 100  
61 19.3 15.1 22.7  
87 12.3 9.7 14.5



#44  
Trichloroethene  
Concen: 94.887 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion:130 Resp: 372515  
Ion Ratio Lower Upper  
130 100  
95 99.8 0.0 198.6





#45

1,2-Dichloropropane

Concen: 95.131 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

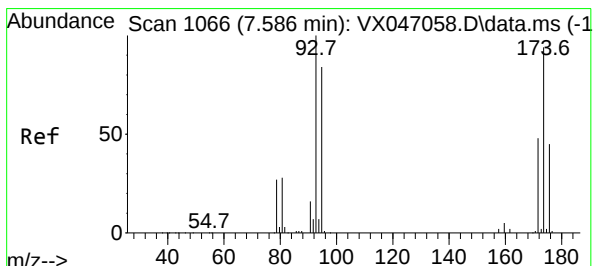
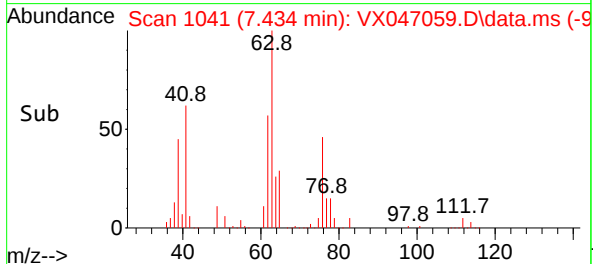
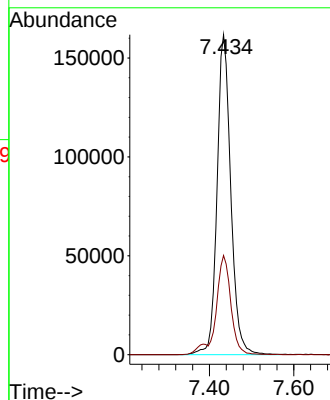
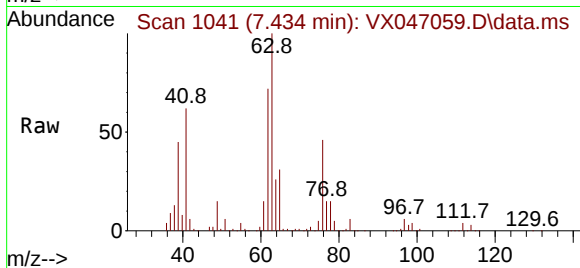
VSTDIC100

Tgt Ion: 63 Resp: 364769

Ion Ratio Lower Upper

63 100

65 31.0 26.3 39.5



#46

Dibromomethane

Concen: 97.464 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

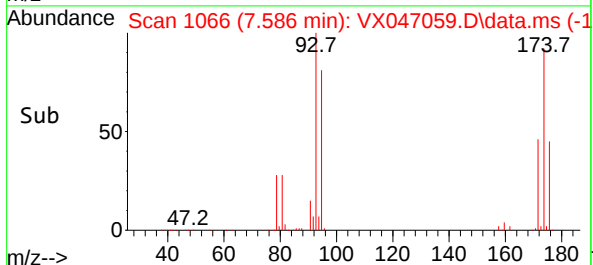
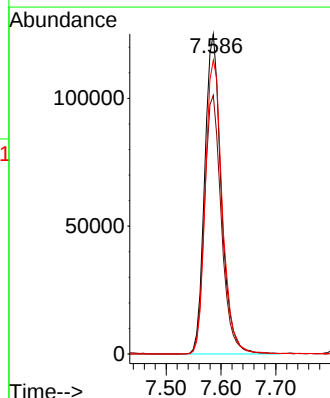
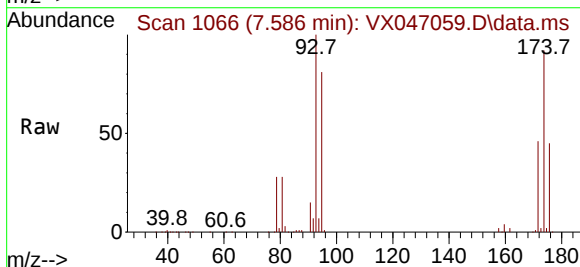
Tgt Ion: 93 Resp: 262070

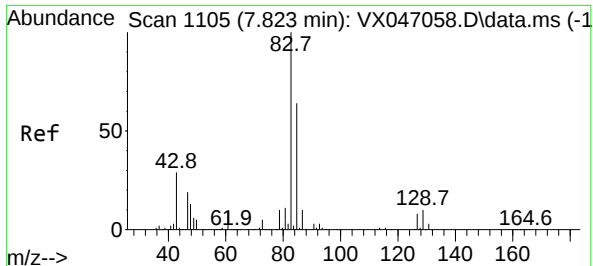
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

174 94.1 74.6 112.0

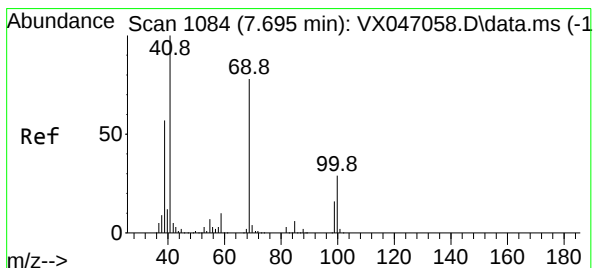
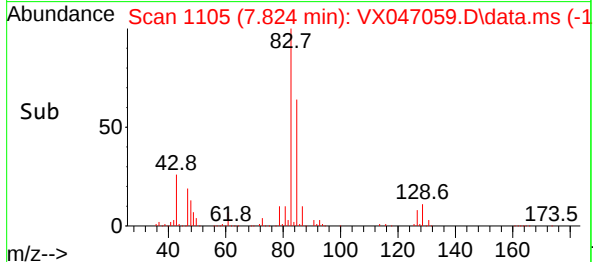
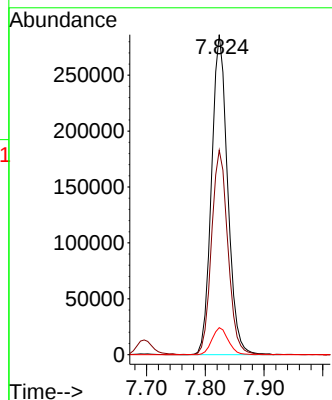
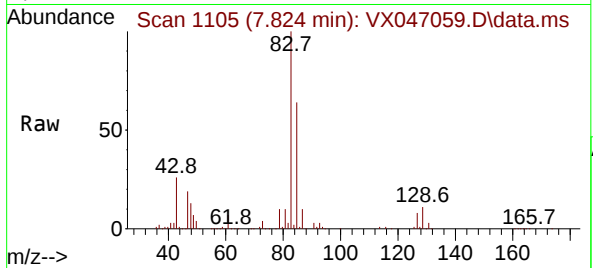




#47  
Bromodichloromethane  
Concen: 95.349 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

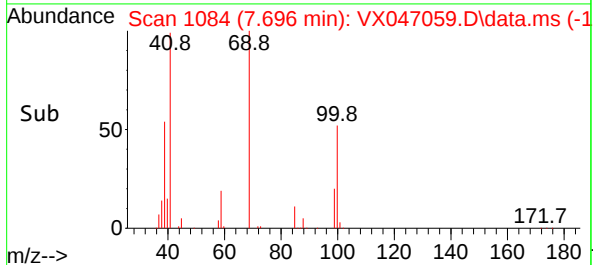
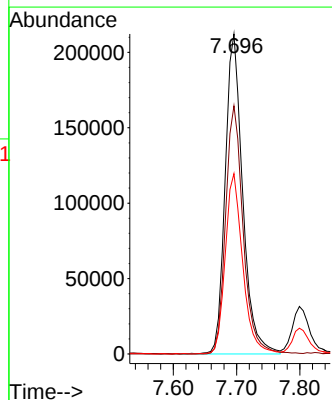
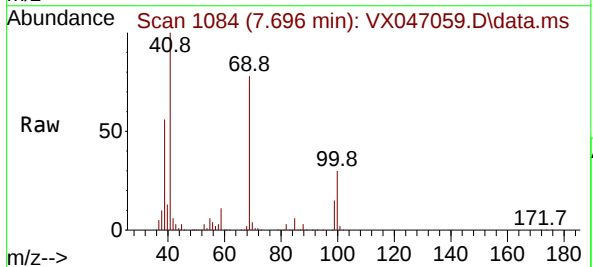
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

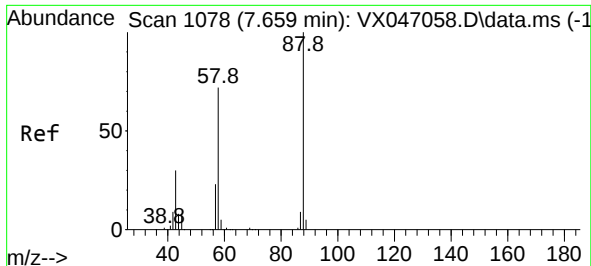
Tgt Ion: 83 Resp: 545715  
Ion Ratio Lower Upper  
83 100  
85 63.9 49.9 74.9  
127 8.4 6.6 10.0



#48  
Methyl methacrylate  
Concen: 98.210 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 41 Resp: 406578  
Ion Ratio Lower Upper  
41 100  
69 77.9 62.3 93.5  
39 56.4 44.8 67.2





#49

1,4-Dioxane

Concen: 2074.633 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

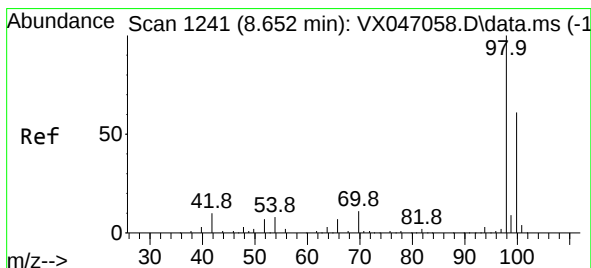
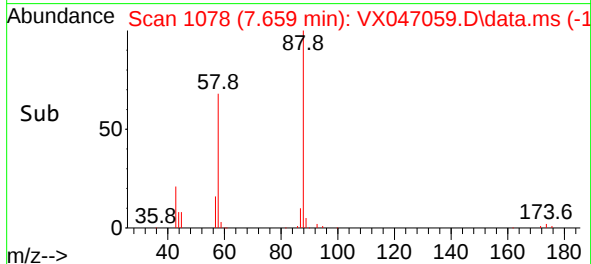
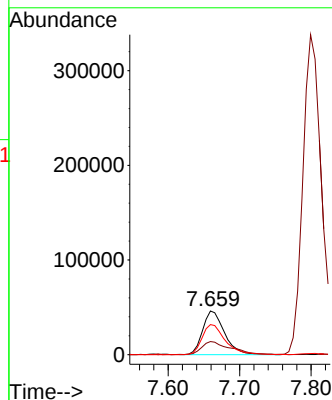
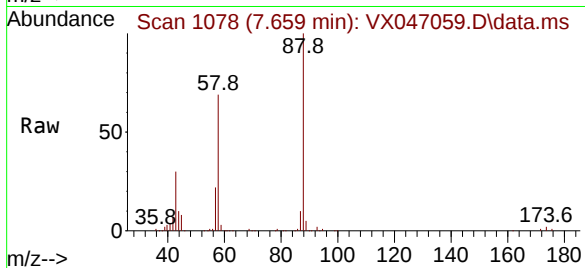
Tgt Ion: 88 Resp: 97685

Ion Ratio Lower Upper

88 100

43 39.0 33.6 50.4

58 73.2 58.8 88.2



#50

Toluene-d8

Concen: 94.642 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047059.D

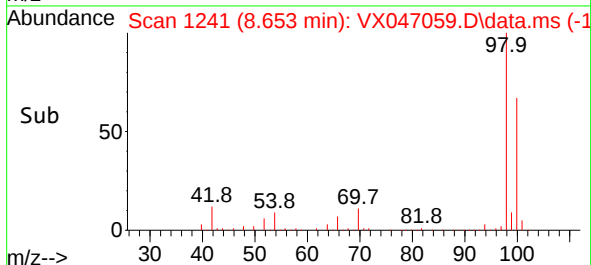
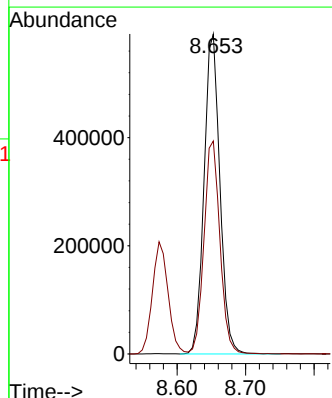
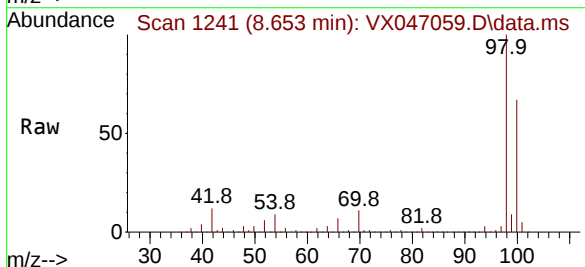
Acq: 21 Jul 2025 11:11

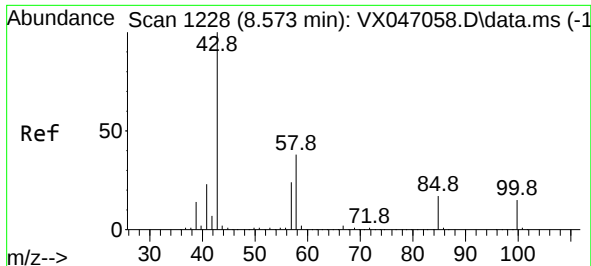
Tgt Ion: 98 Resp: 951189

Ion Ratio Lower Upper

98 100

100 67.0 53.3 79.9

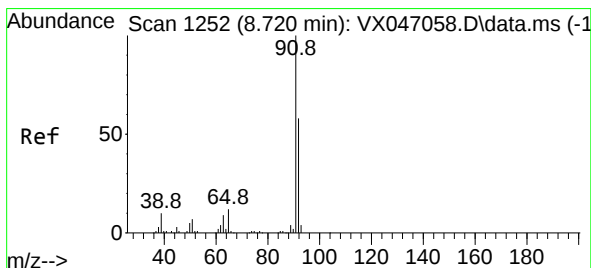
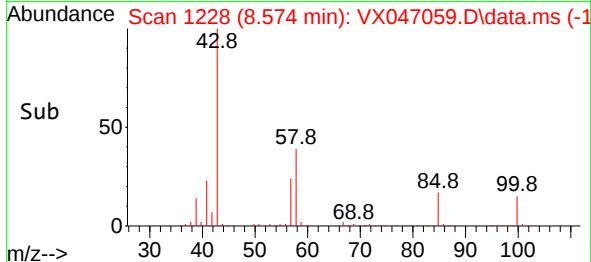
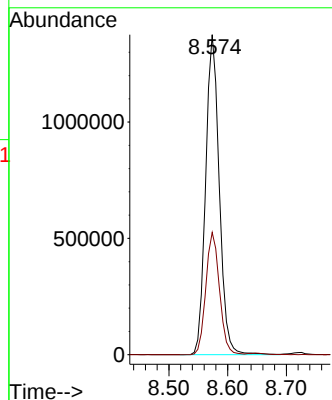
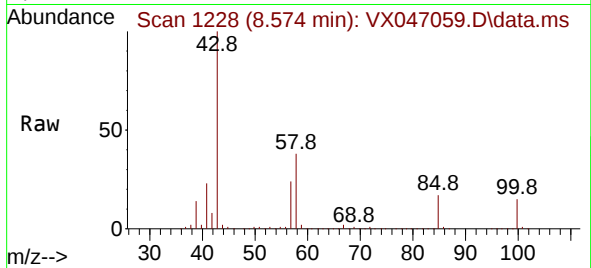




#51  
4-Methyl-2-Pentanone  
Concen: 490.000 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

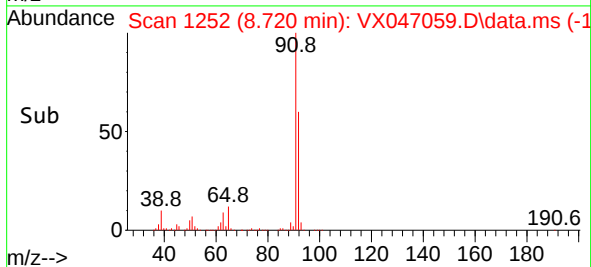
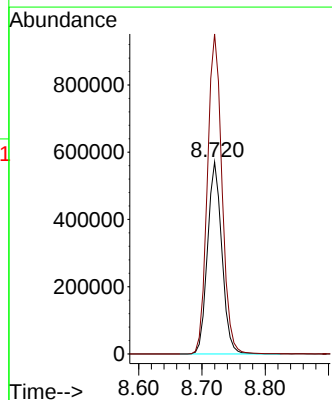
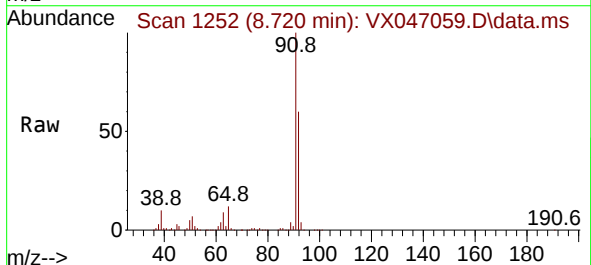
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

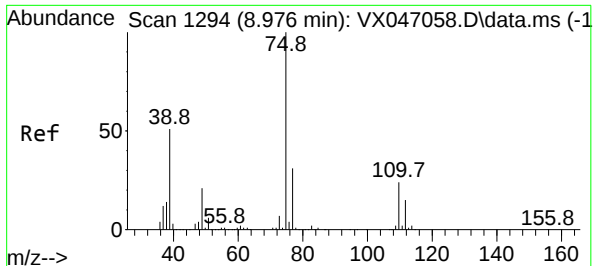
Tgt Ion: 43 Resp: 2213299  
Ion Ratio Lower Upper  
43 100  
58 38.3 30.6 45.8



#52  
Toluene  
Concen: 95.648 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 92 Resp: 900379  
Ion Ratio Lower Upper  
92 100  
91 169.7 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 101.846 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

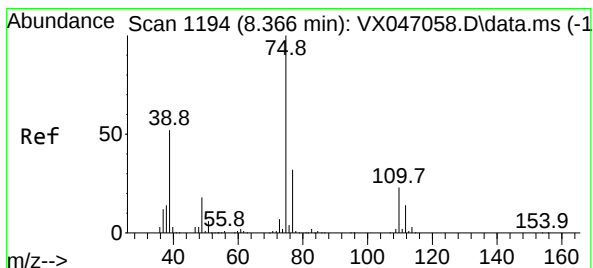
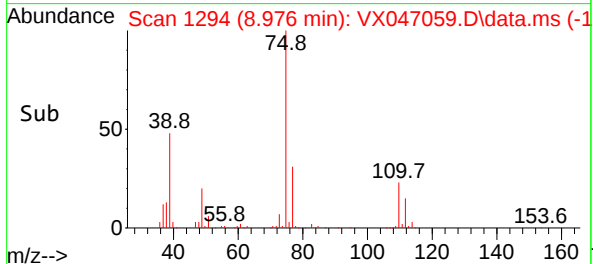
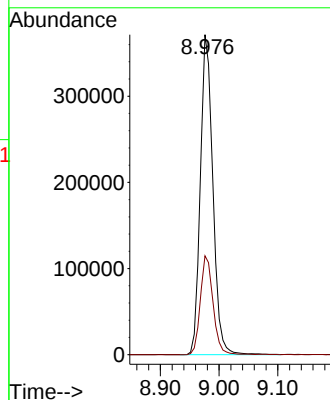
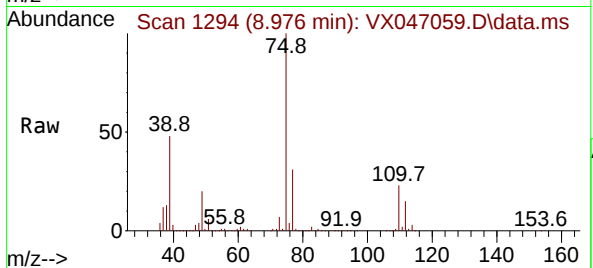
VSTDIC100

Tgt Ion: 75 Resp: 550435

Ion Ratio Lower Upper

75 100

77 30.9 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 100.700 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

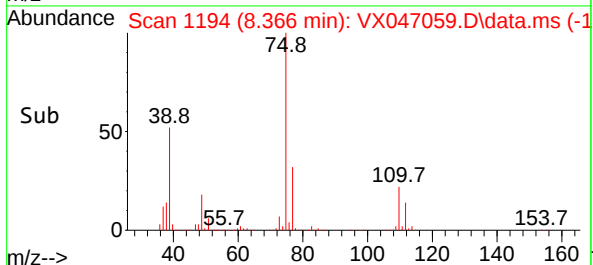
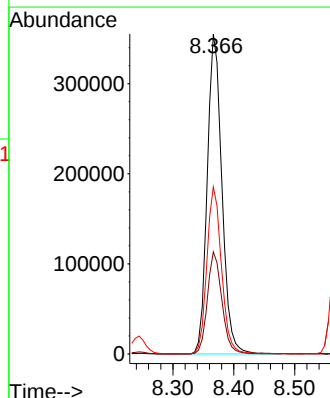
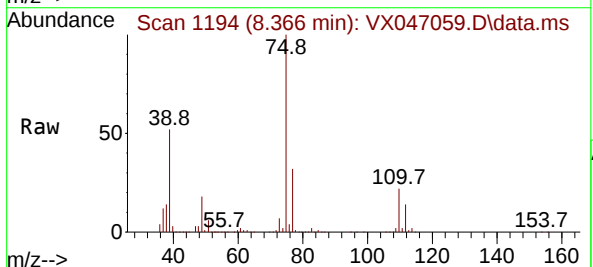
Tgt Ion: 75 Resp: 595662

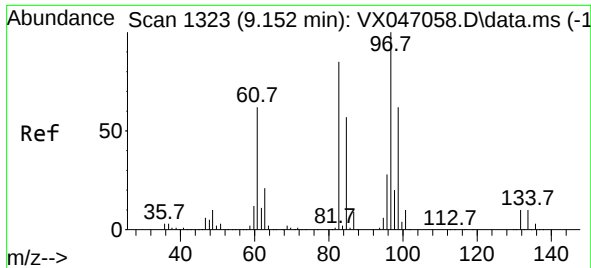
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

39 52.1 41.8 62.6



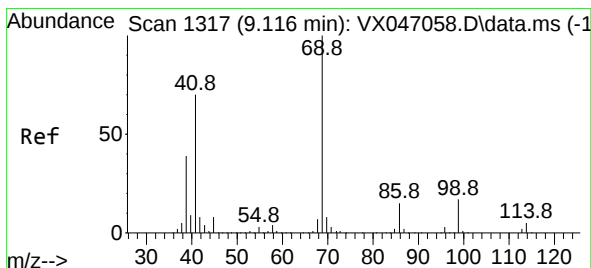
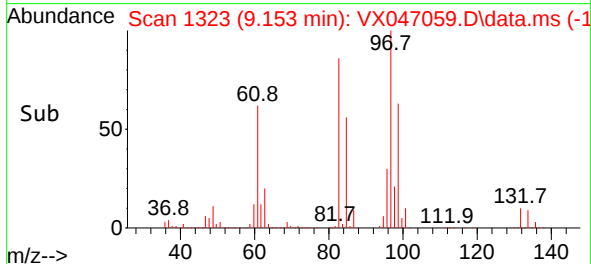
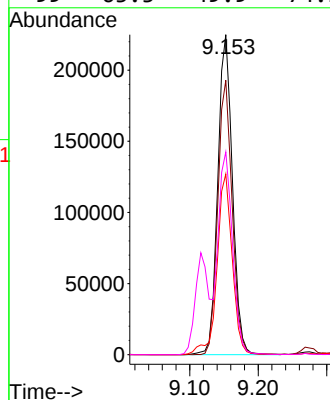
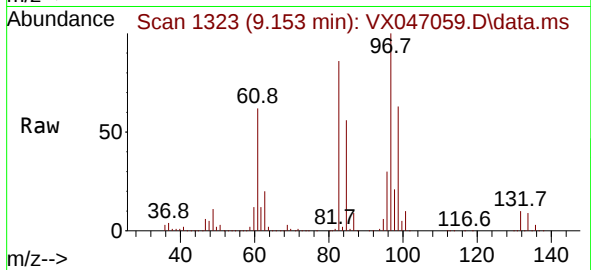


#55  
1,1,2-Trichloroethane  
Concen: 94.482 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tgt Ion: 97 Resp: 333552

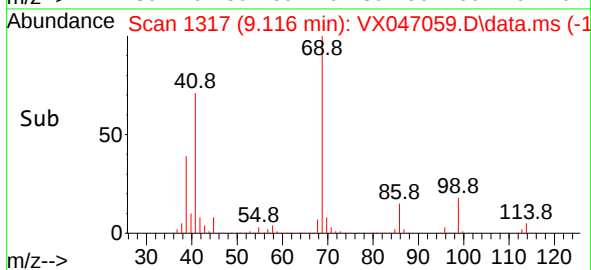
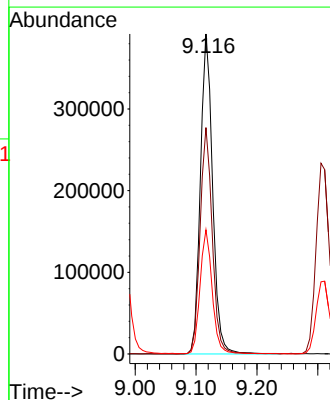
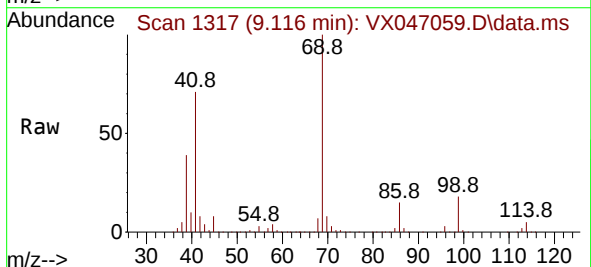
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.8  | 68.0  | 102.0 |
| 85  | 56.5  | 45.2  | 67.8  |
| 99  | 63.3  | 49.9  | 74.9  |

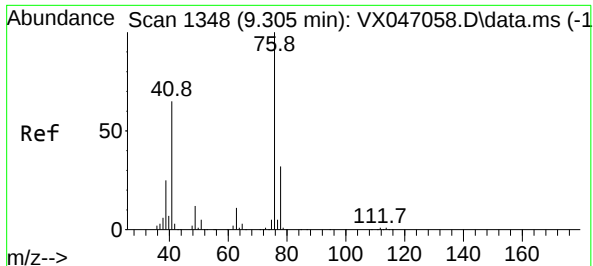


#56  
Ethyl methacrylate  
Concen: 104.649 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 69 Resp: 546929

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 70.7  | 56.1  | 84.1  |
| 39  | 38.2  | 31.1  | 46.7  |





#57

1,3-Dichloropropane

Concen: 94.454 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

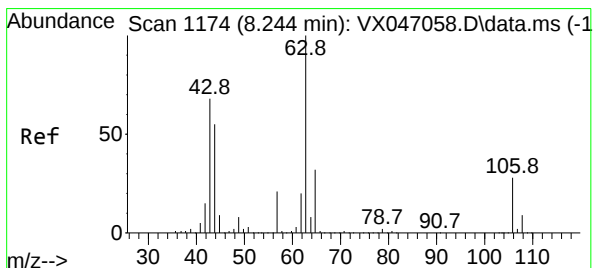
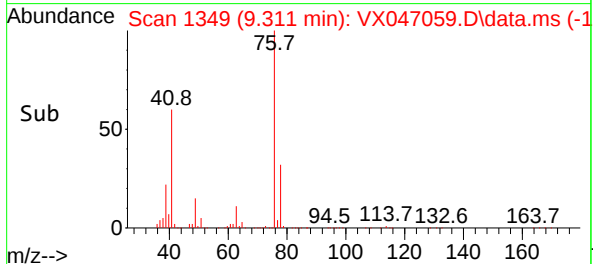
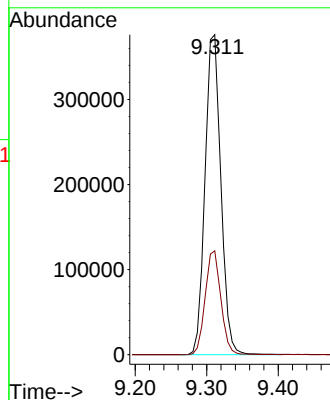
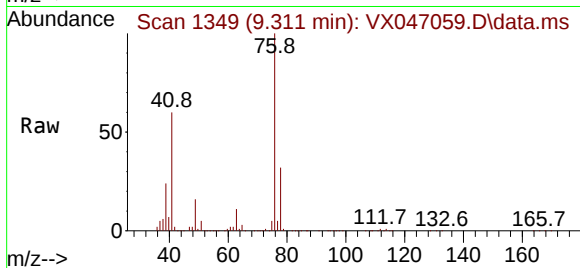
VSTDICC100

Tgt Ion: 76 Resp: 579525

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 512.296 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX047059.D

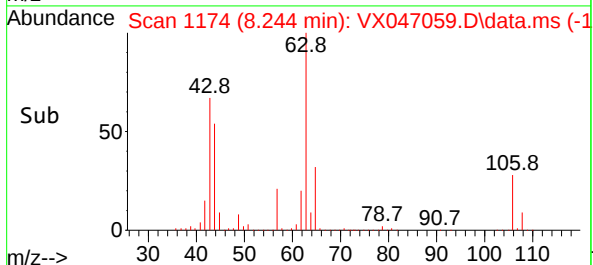
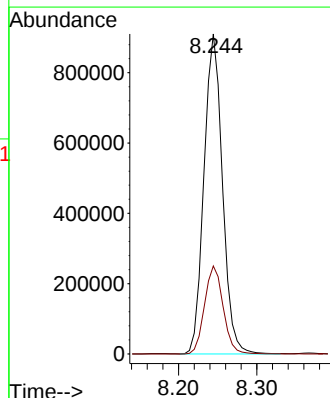
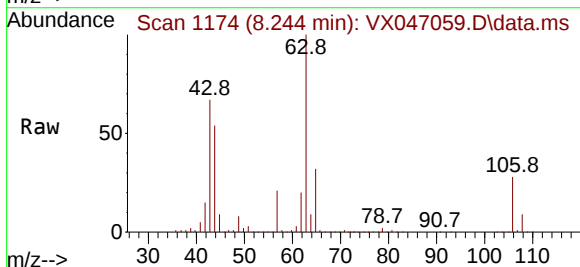
Acq: 21 Jul 2025 11:11

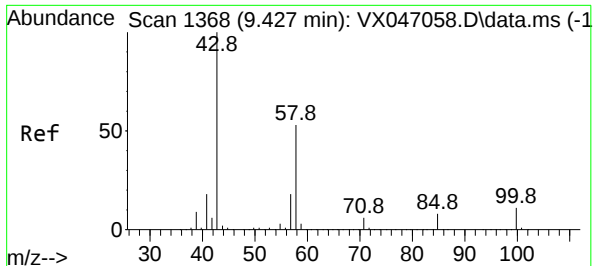
Tgt Ion: 63 Resp: 1489901

Ion Ratio Lower Upper

63 100

106 27.7 22.2 33.4





#59

2-Hexanone

Concen: 514.162 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

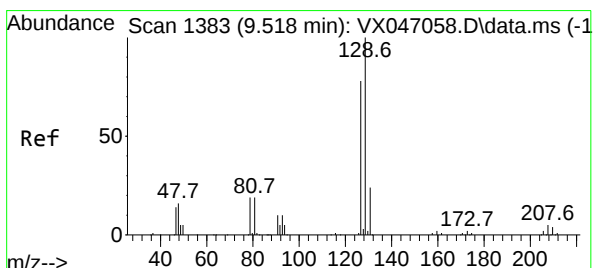
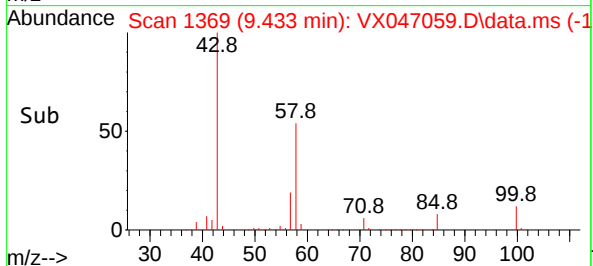
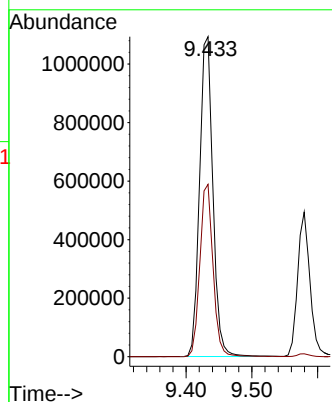
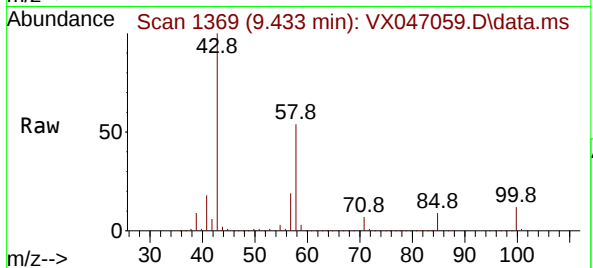
VSTDIC100

Tgt Ion: 43 Resp: 1534390

Ion Ratio Lower Upper

43 100

58 53.4 26.5 79.5



#60

Dibromochloromethane

Concen: 96.718 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX047059.D

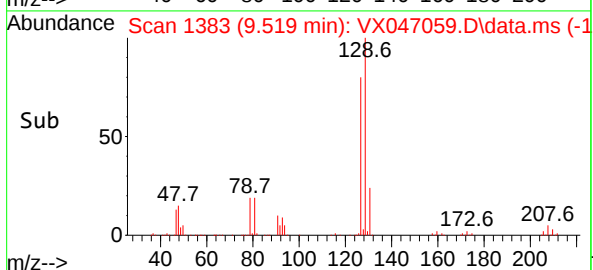
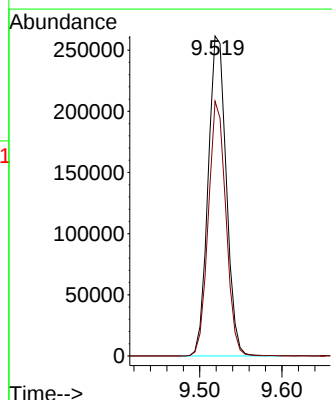
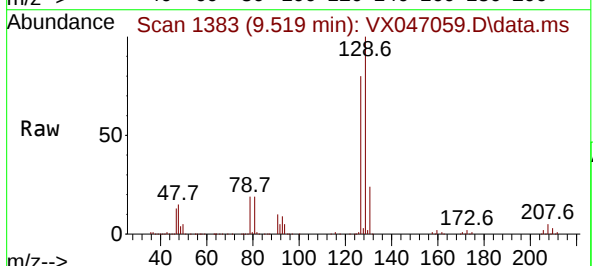
Acq: 21 Jul 2025 11:11

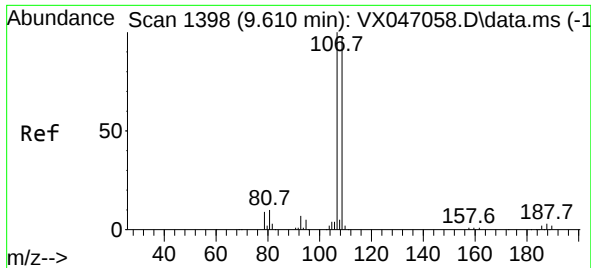
Tgt Ion: 129 Resp: 400453

Ion Ratio Lower Upper

129 100

127 77.1 38.6 115.8

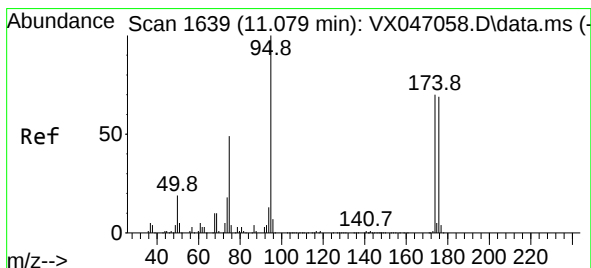
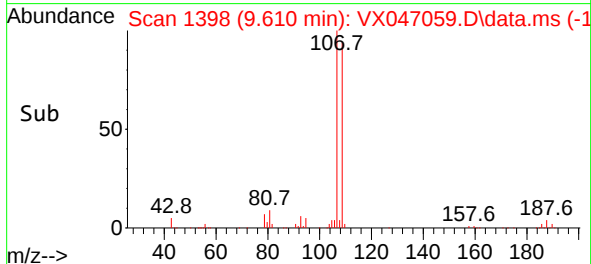
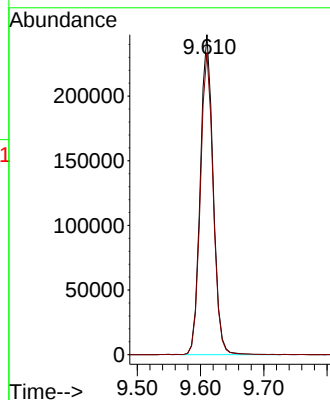
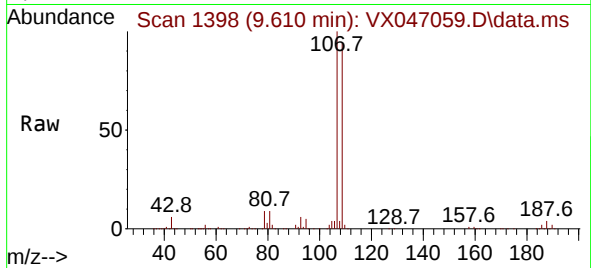




#61  
1,2-Dibromoethane  
Concen: 94.909 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

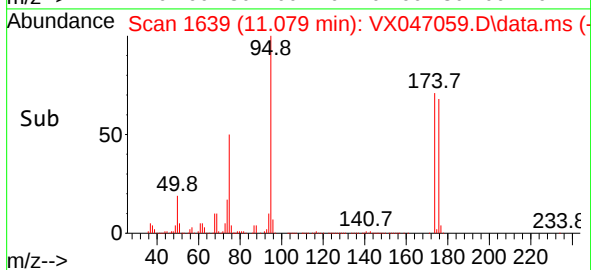
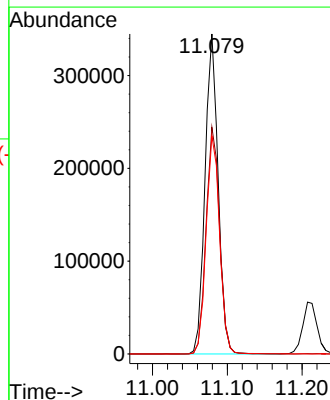
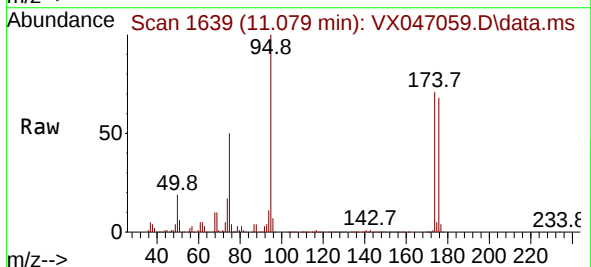
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

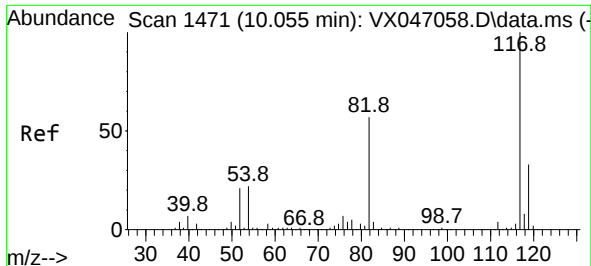
Tgt Ion:107 Resp: 350348  
Ion Ratio Lower Upper  
107 100  
109 94.2 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 96.692 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 95 Resp: 418790  
Ion Ratio Lower Upper  
95 100  
174 73.6 0.0 144.6  
176 70.3 0.0 139.6

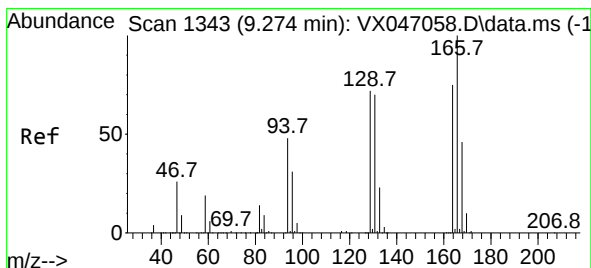
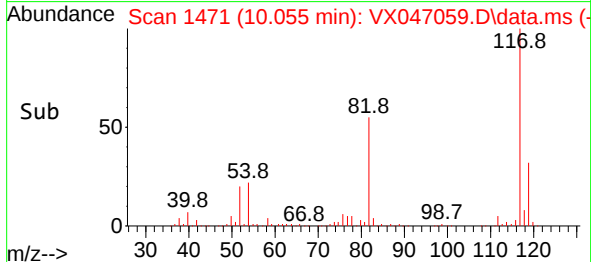
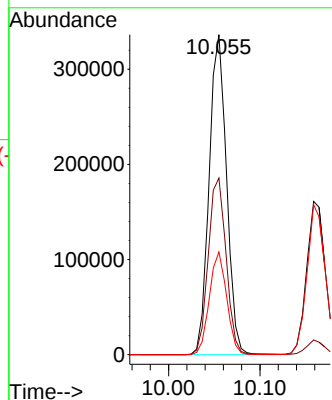
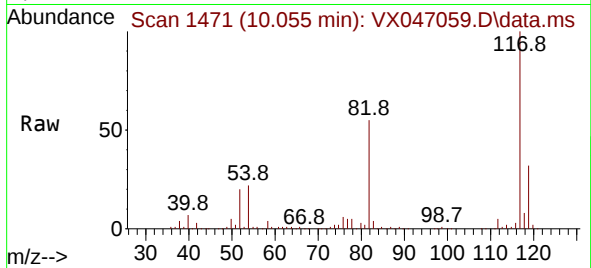




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

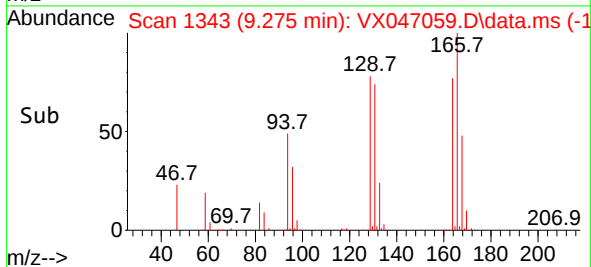
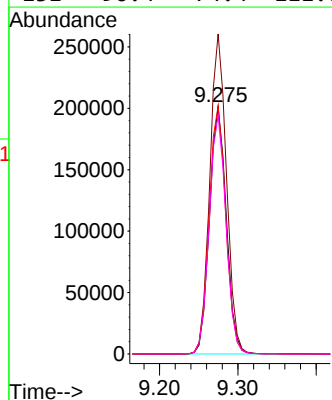
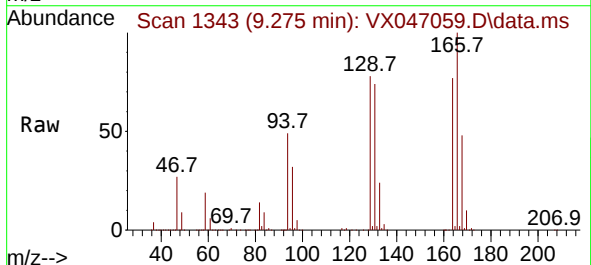
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

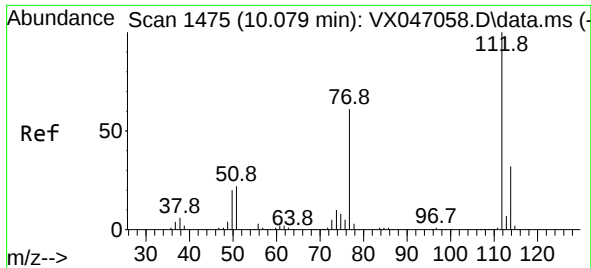
Tgt Ion:117 Resp: 443709  
Ion Ratio Lower Upper  
117 100  
82 55.2 45.4 68.2  
119 32.1 26.1 39.1



#64  
Tetrachloroethene  
Concen: 93.490 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion:164 Resp: 299042  
Ion Ratio Lower Upper  
164 100  
166 129.5 106.2 159.4  
129 100.5 76.6 114.8  
131 96.4 74.4 111.6

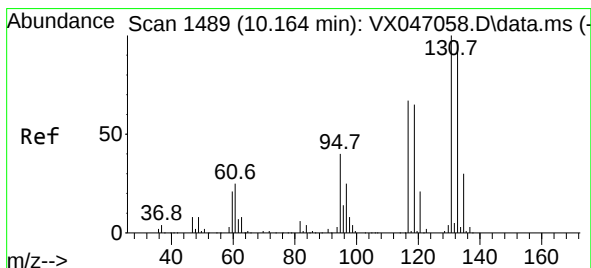
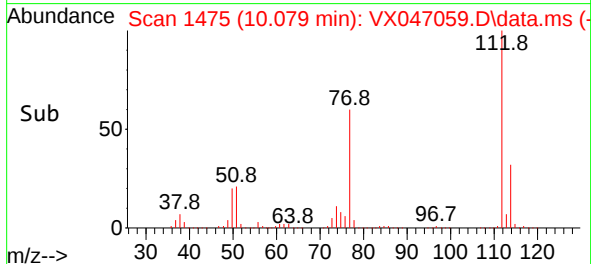
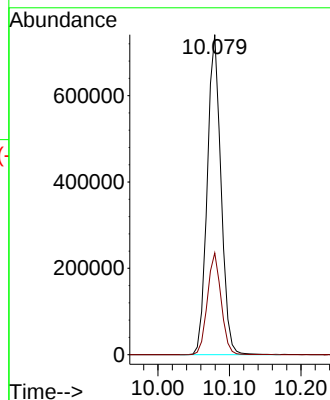
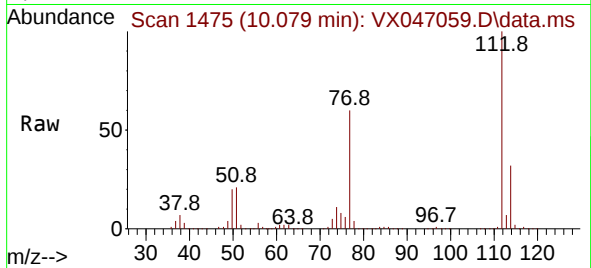




#65  
Chlorobenzene  
Concen: 95.134 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

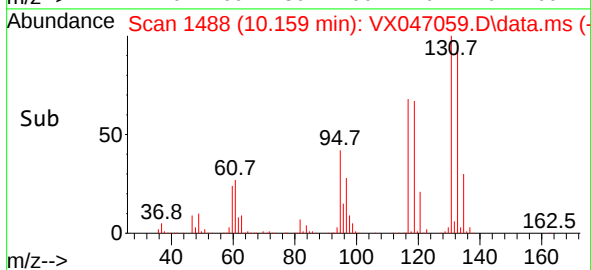
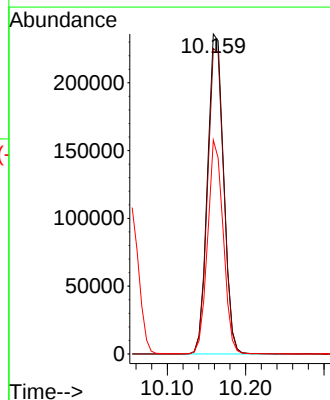
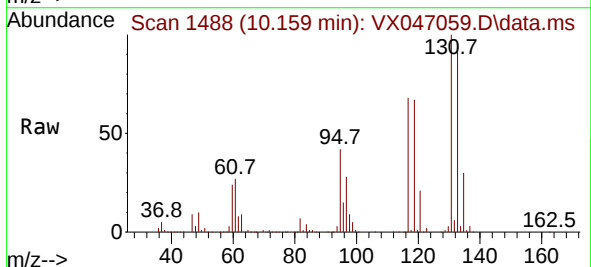
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

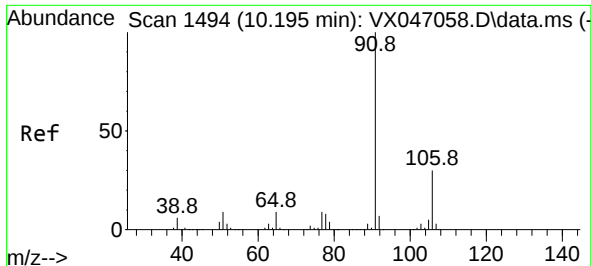
Tgt Ion:112 Resp: 988883  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 96.621 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion:131 Resp: 338141  
Ion Ratio Lower Upper  
131 100  
133 95.7 48.4 145.3  
119 64.2 32.4 97.0





#67

Ethyl Benzene

Concen: 96.425 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

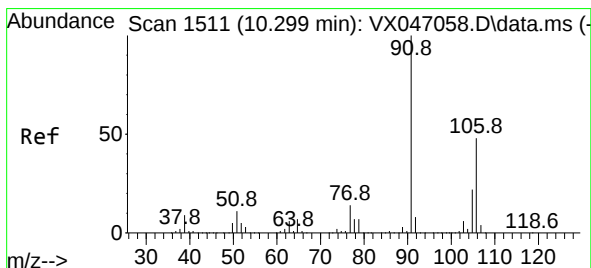
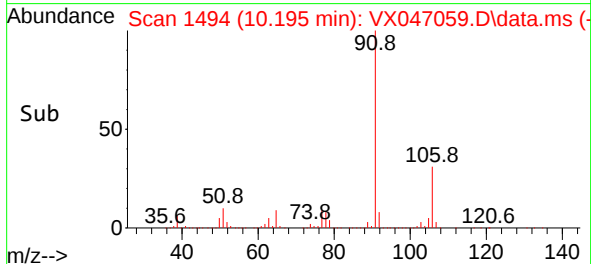
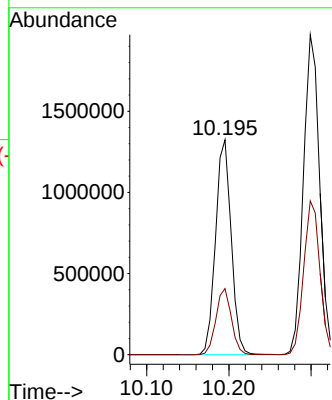
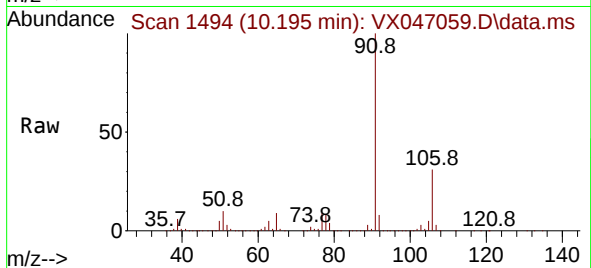
VSTDIC100

Tgt Ion: 91 Resp: 1752485

Ion Ratio Lower Upper

91 100

106 30.7 24.2 36.4



#68

m/p-Xylenes

Concen: 191.494 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047059.D

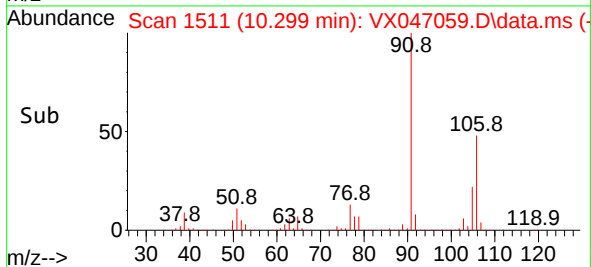
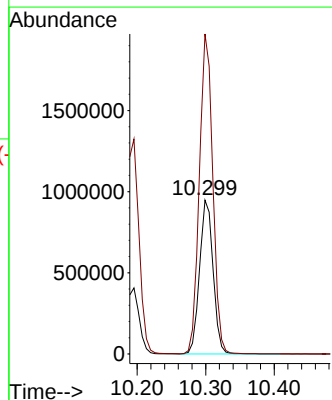
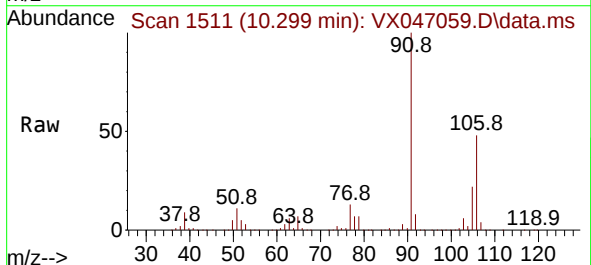
Acq: 21 Jul 2025 11:11

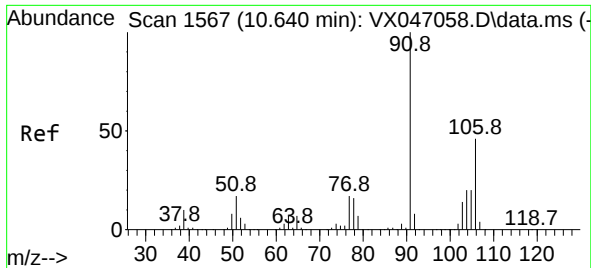
Tgt Ion:106 Resp: 1302405

Ion Ratio Lower Upper

106 100

91 206.9 167.4 251.0

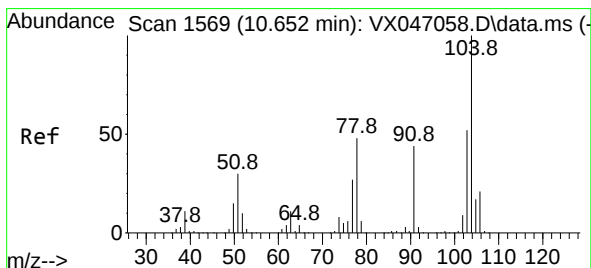
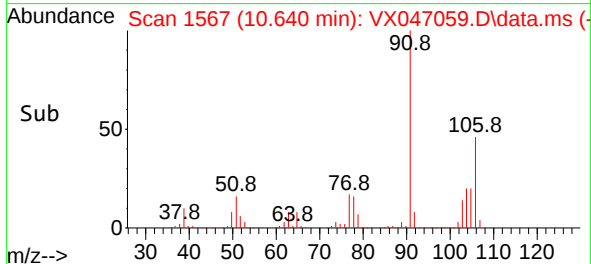
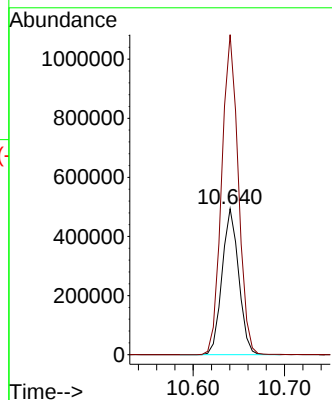
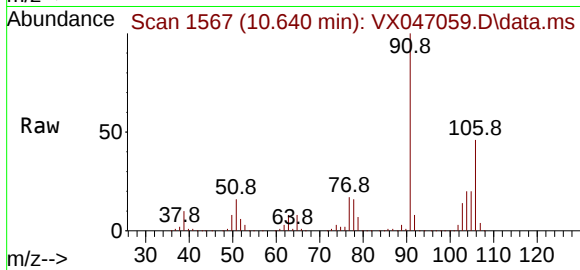




#69  
o-Xylene  
Concen: 96.565 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

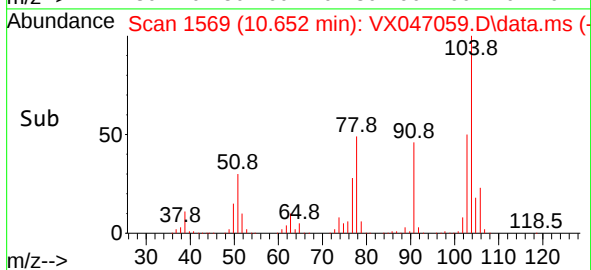
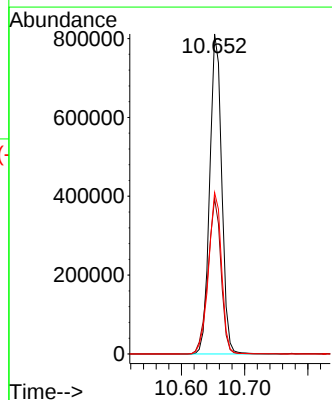
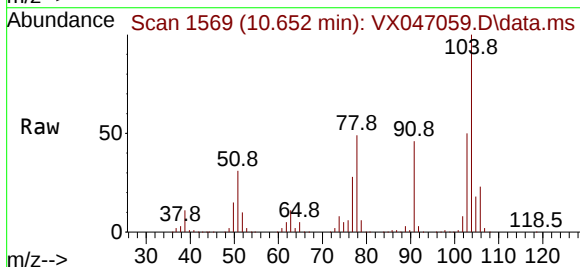
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tgt Ion:106 Resp: 624795  
Ion Ratio Lower Upper  
106 100  
91 219.8 110.3 331.0



#70  
Styrene  
Concen: 96.694 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion:104 Resp: 1072801  
Ion Ratio Lower Upper  
104 100  
78 52.8 42.0 63.0  
103 54.7 43.8 65.6





#71

Bromoform

Concen: 97.473 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

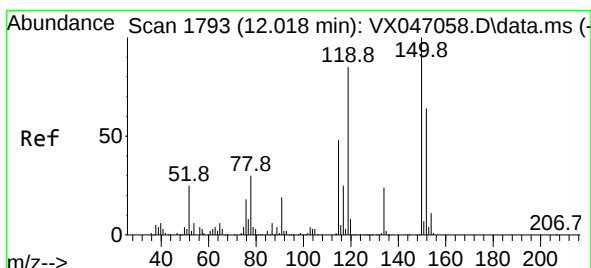
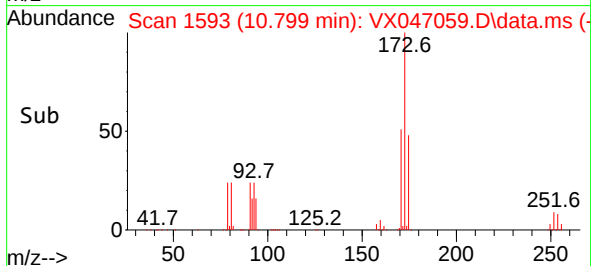
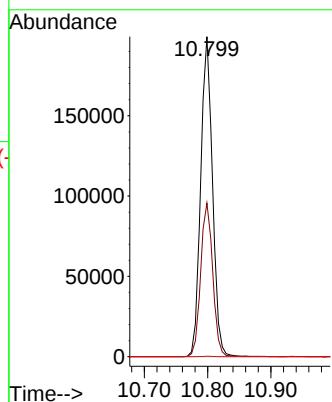
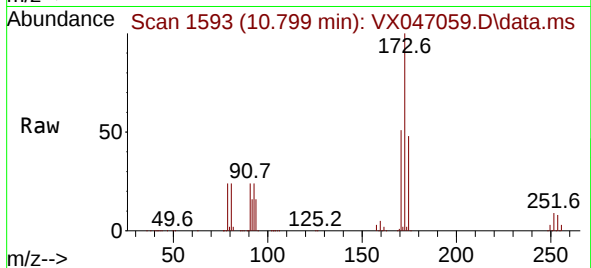
Tgt Ion:173 Resp: 259124

Ion Ratio Lower Upper

173 100

175 49.0 24.2 72.6

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

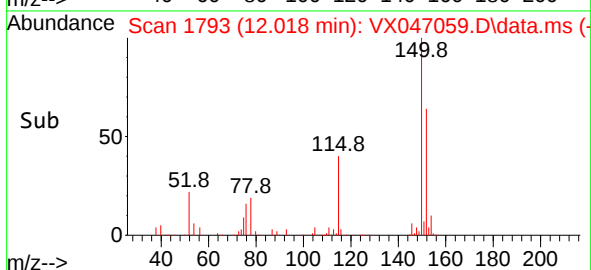
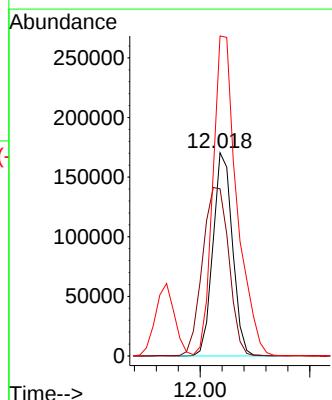
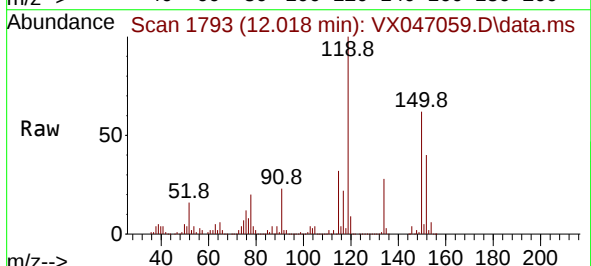
Tgt Ion:152 Resp: 210644

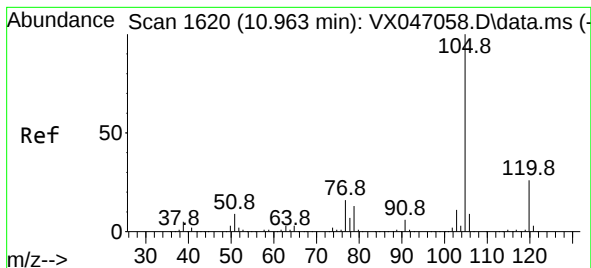
Ion Ratio Lower Upper

152 100

115 112.2 45.6 136.7

150 193.3 0.0 354.6





#73

Isopropylbenzene

Concen: 99.034 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

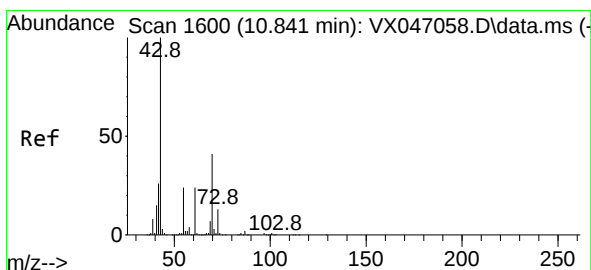
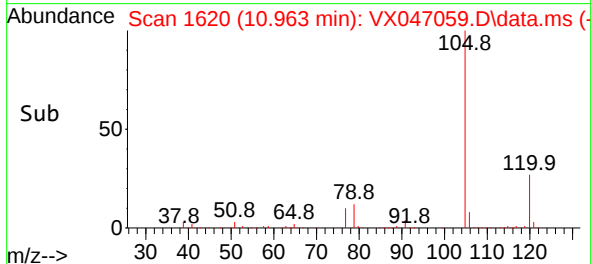
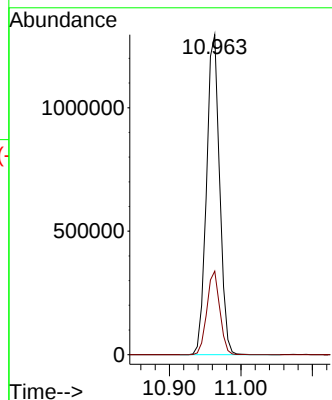
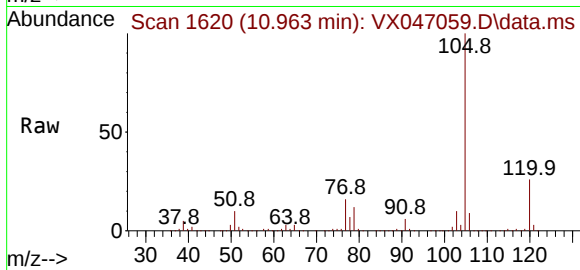
VSTDIC100

Tgt Ion:105 Resp: 1645804

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



#74

N-ethyl acetate

Concen: 105.369 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Tgt Ion: 43 Resp: 698465

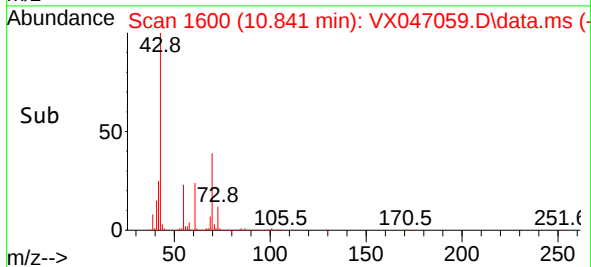
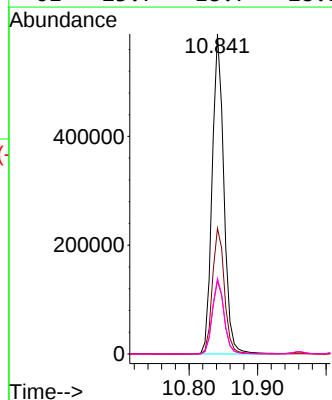
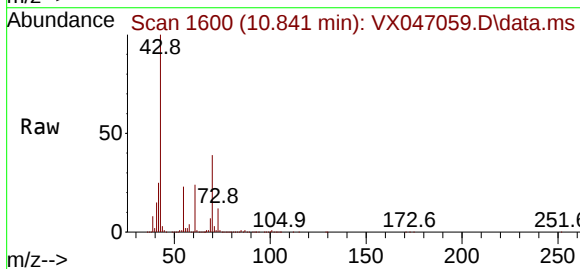
Ion Ratio Lower Upper

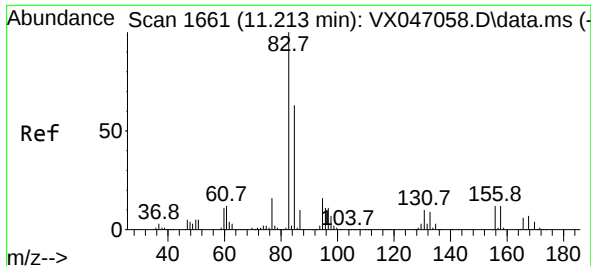
43 100

70 40.5 32.3 48.5

55 23.3 18.9 28.3

61 23.7 18.7 28.1

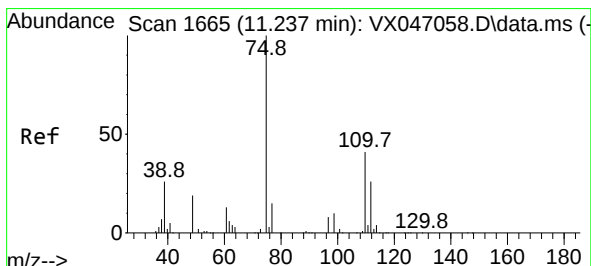
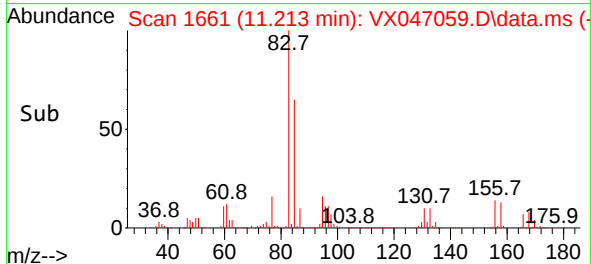
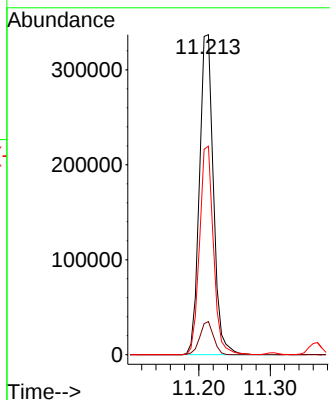
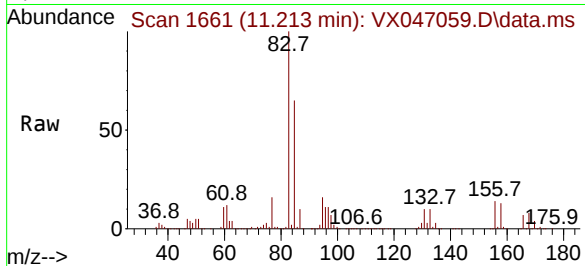




#75  
1,1,2,2-Tetrachloroethane  
Concen: 96.283 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

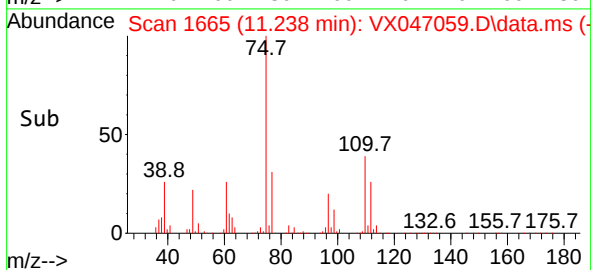
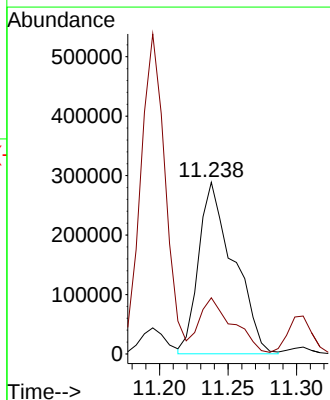
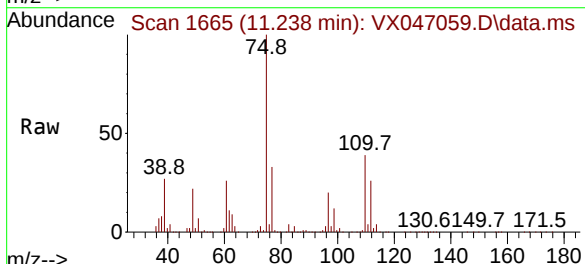
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

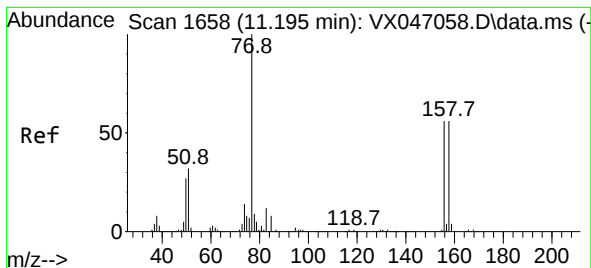
Tgt Ion: 83 Resp: 457057  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.0 14.9  
85 64.8 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 132.033 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 75 Resp: 514787  
Ion Ratio Lower Upper  
75 100  
77 31.8 21.6 65.0





#77

Bromobenzene

Concen: 97.789 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

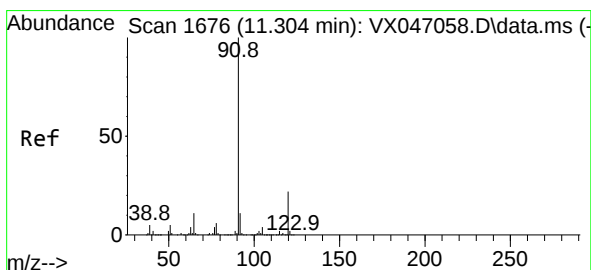
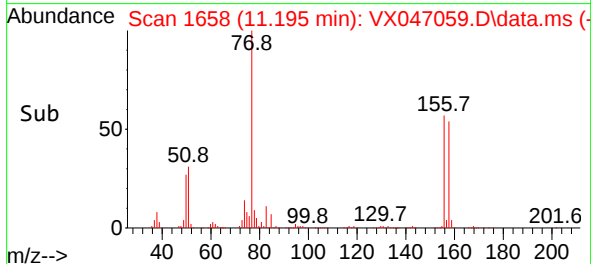
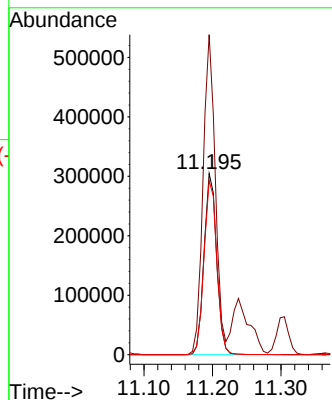
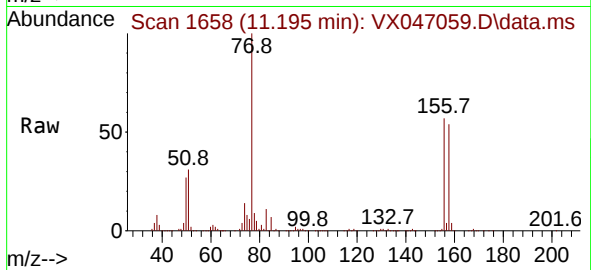
Tgt Ion:156 Resp: 389788

Ion Ratio Lower Upper

156 100

77 172.5 87.3 261.9

158 97.8 48.9 146.6



#78

n-propylbenzene

Concen: 97.969 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX047059.D

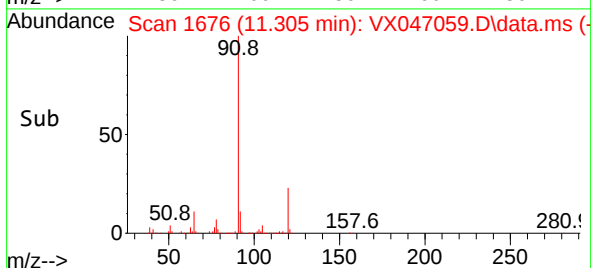
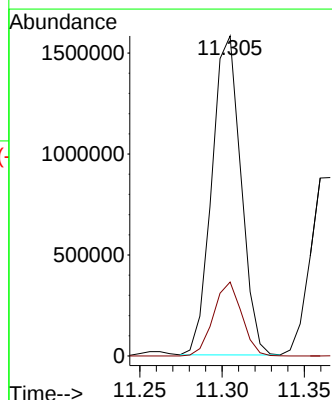
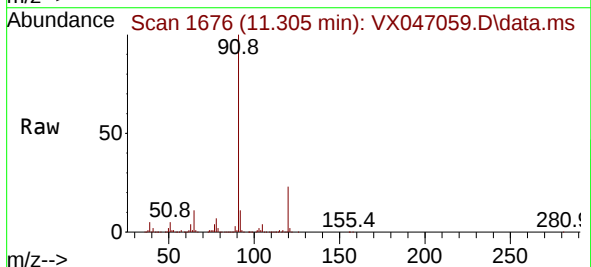
Acq: 21 Jul 2025 11:11

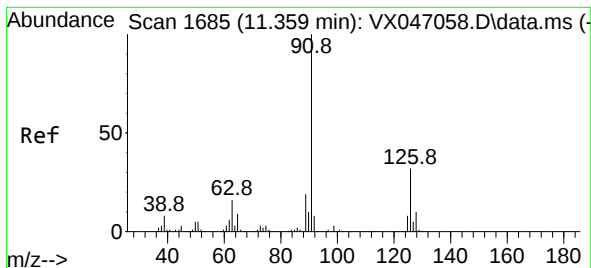
Tgt Ion: 91 Resp: 1945548

Ion Ratio Lower Upper

91 100

120 22.5 11.0 33.0





#79

2-Chlorotoluene

Concen: 96.889 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

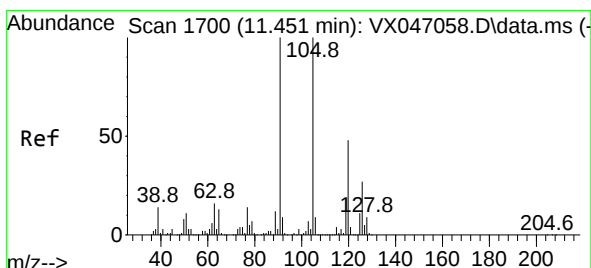
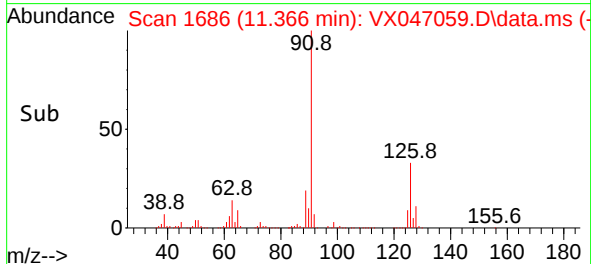
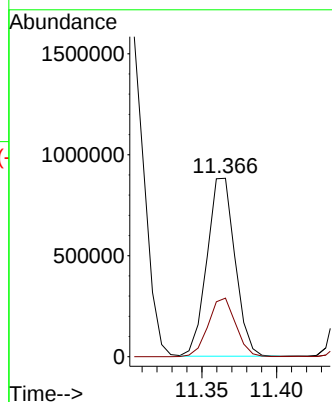
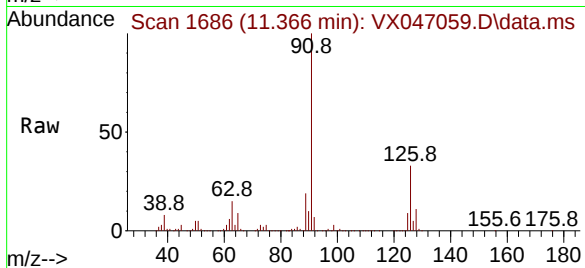
VSTDIC100

Tgt Ion: 91 Resp: 1150165

Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 97.612 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX047059.D

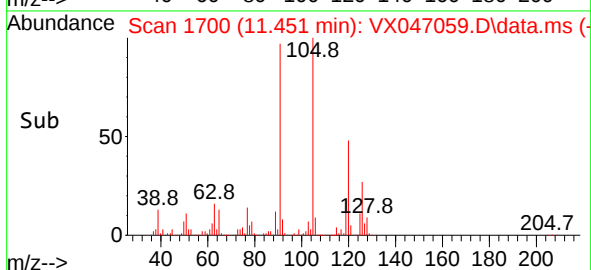
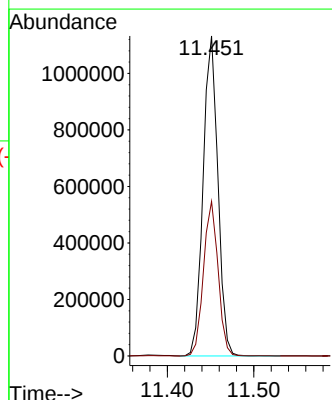
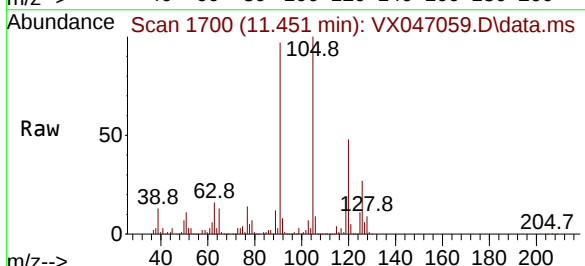
Acq: 21 Jul 2025 11:11

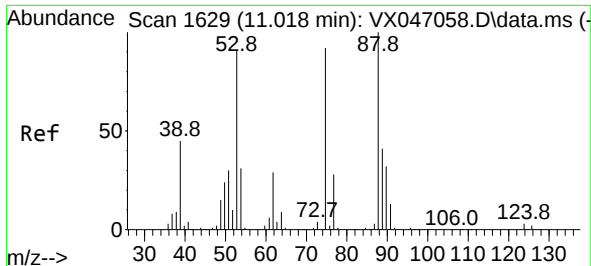
Tgt Ion: 105 Resp: 1340151

Ion Ratio Lower Upper

105 100

120 47.8 23.8 71.5

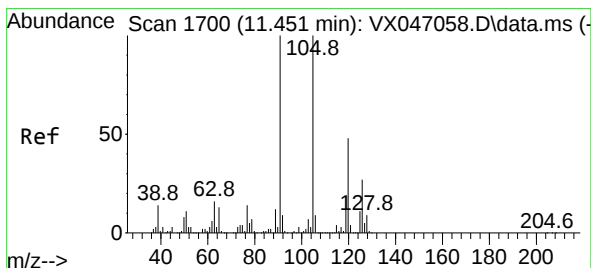
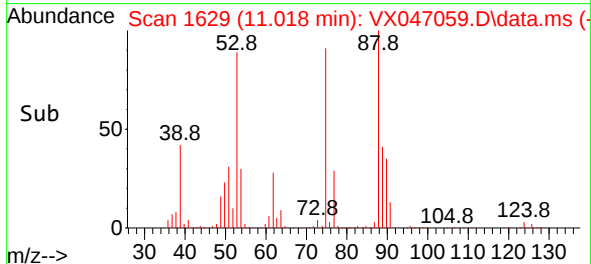
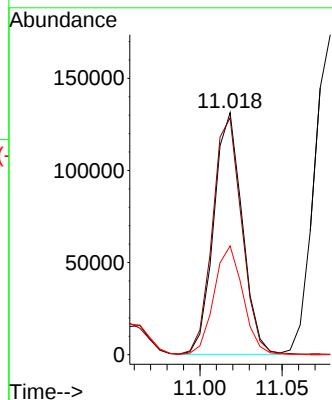
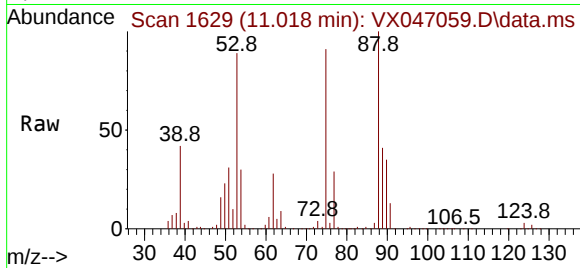




#81  
trans-1,4-Dichloro-2-butene  
Concen: 104.426 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

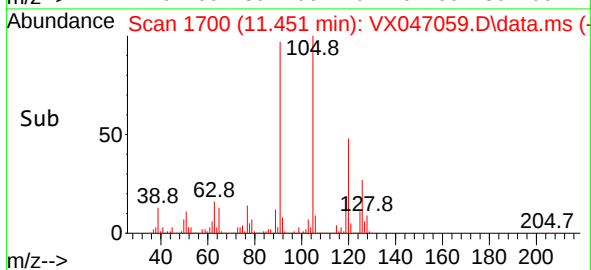
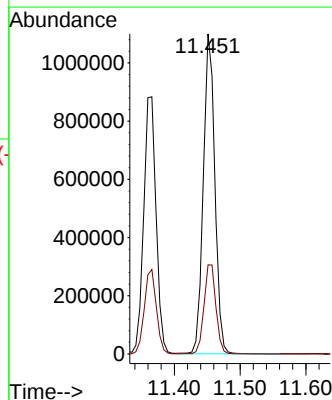
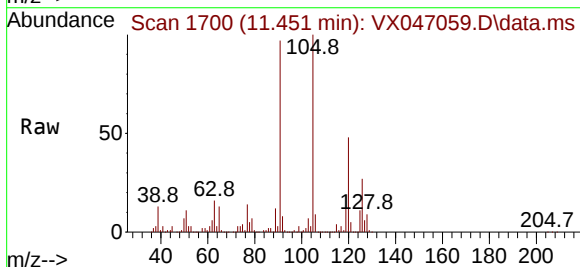
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tgt Ion: 75 Resp: 158030  
Ion Ratio Lower Upper  
75 100  
53 101.5 84.2 126.4  
89 45.8 36.0 54.0



#82  
4-Chlorotoluene  
Concen: 96.766 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion: 91 Resp: 1340796  
Ion Ratio Lower Upper  
91 100  
126 28.9 14.1 42.3

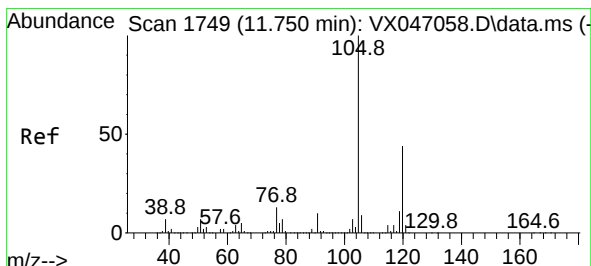
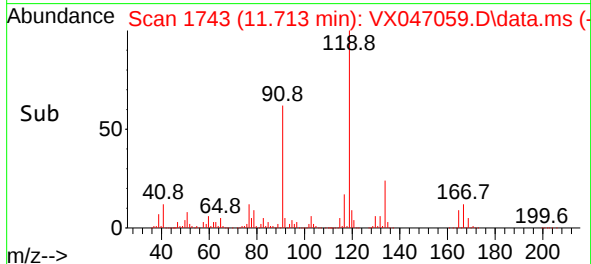
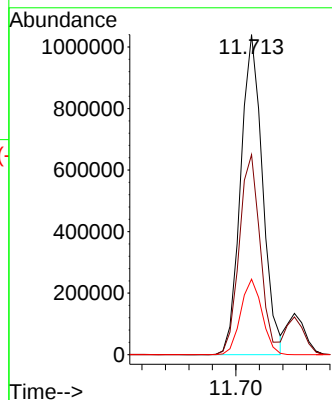
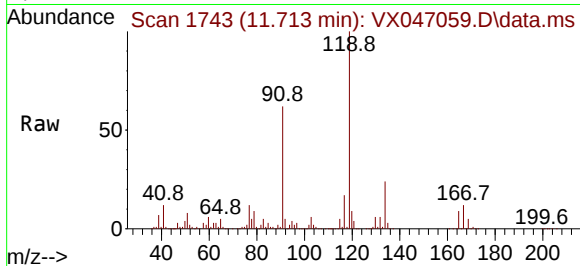




#83  
tert-Butylbenzene  
Concen: 97.765 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

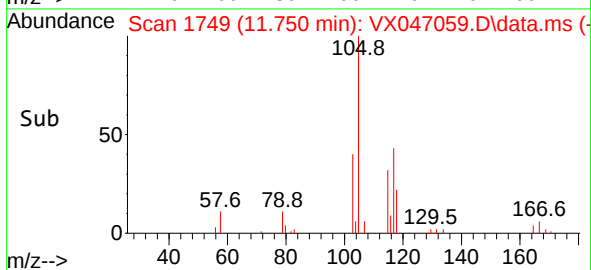
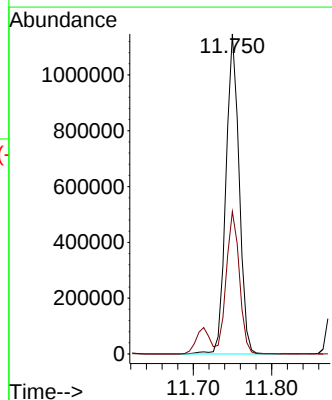
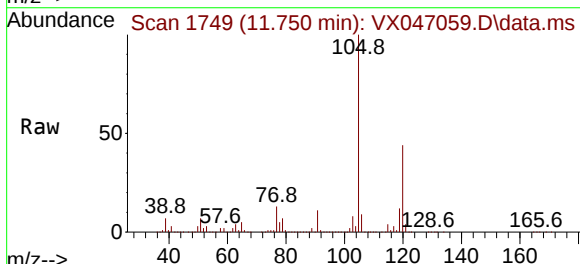
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

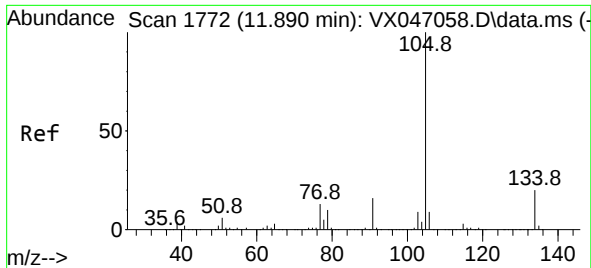
Tgt Ion:119 Resp: 1347206  
Ion Ratio Lower Upper  
119 100  
91 60.5 29.6 88.8  
134 23.0 11.4 34.1



#84  
1,2,4-Trimethylbenzene  
Concen: 98.362 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion:105 Resp: 1346982  
Ion Ratio Lower Upper  
105 100  
120 44.4 22.0 66.0

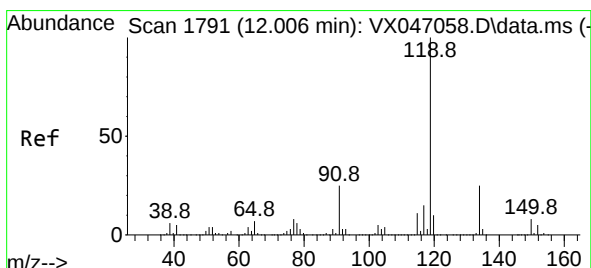
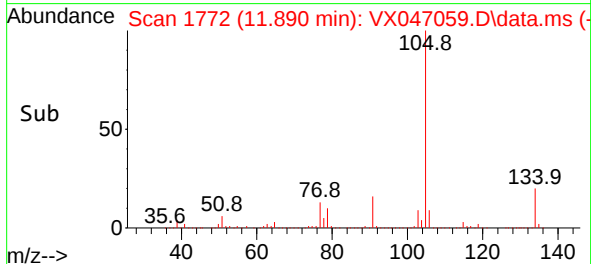
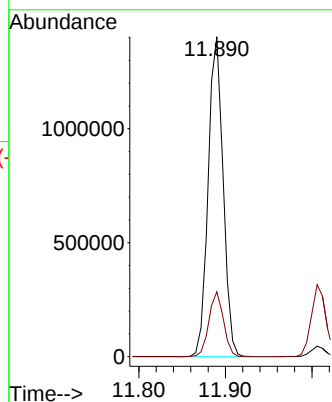
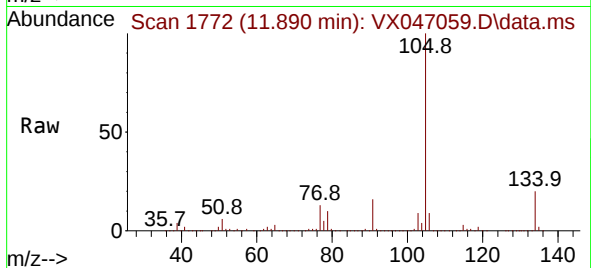




#85  
 sec-Butylbenzene  
 Concen: 97.702 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX047059.D  
 Acq: 21 Jul 2025 11:11

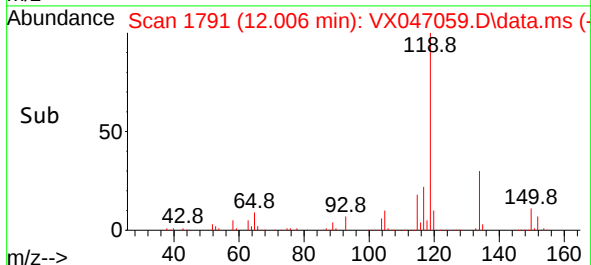
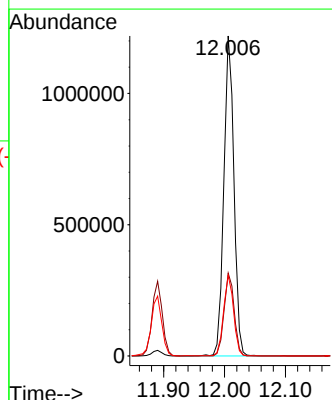
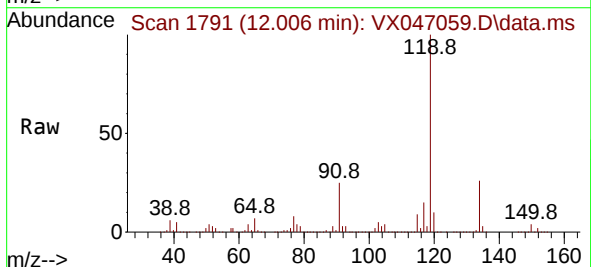
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

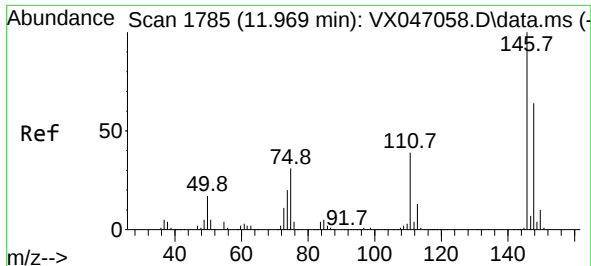
Tgt Ion:105 Resp: 1682208  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.9 29.7



#86  
 p-Isopropyltoluene  
 Concen: 98.379 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX047059.D  
 Acq: 21 Jul 2025 11:11

Tgt Ion:119 Resp: 1404678  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 12.8 38.4  
 91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 94.782 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

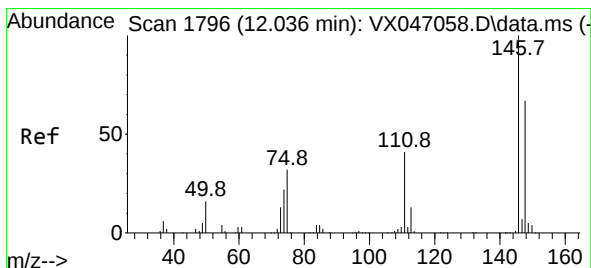
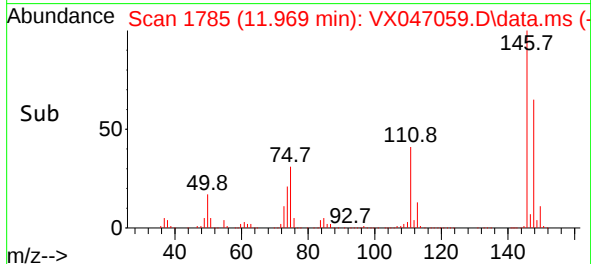
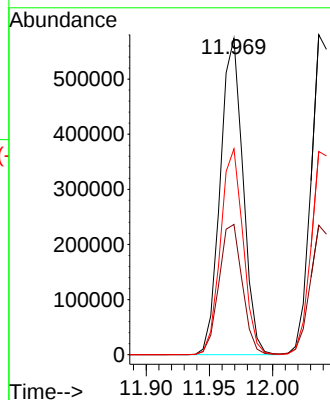
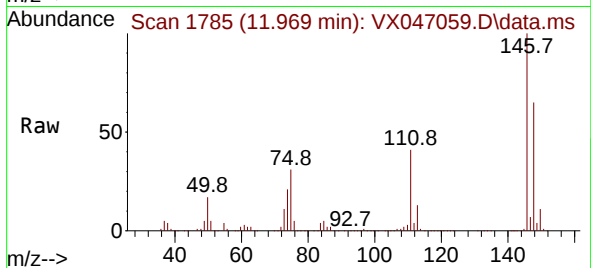
Tgt Ion:146 Resp: 717851

Ion Ratio Lower Upper

146 100

111 42.2 21.0 63.0

148 64.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 94.617 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

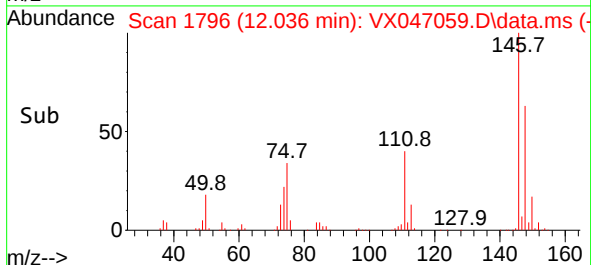
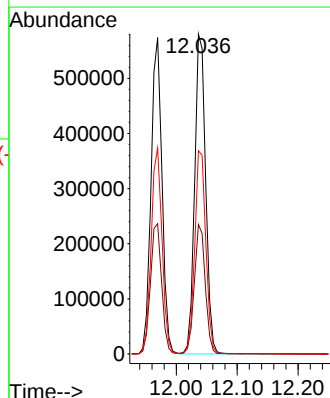
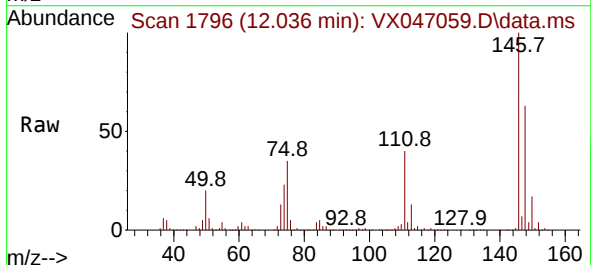
Tgt Ion:146 Resp: 726014

Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.9

148 64.2 33.0 98.9





#89

n-Butylbenzene

Concen: 98.826 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

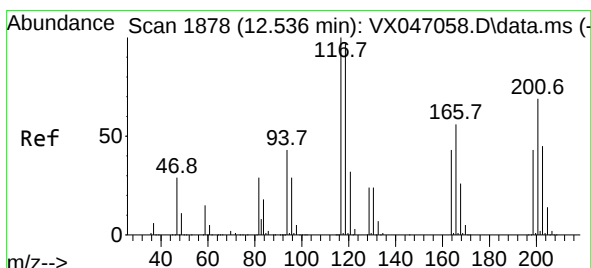
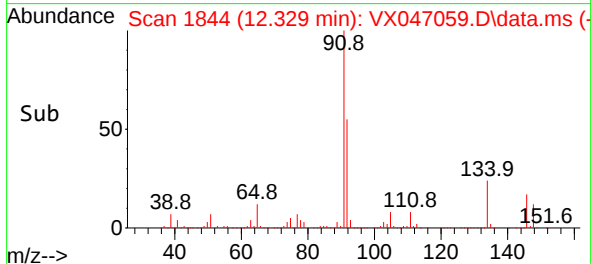
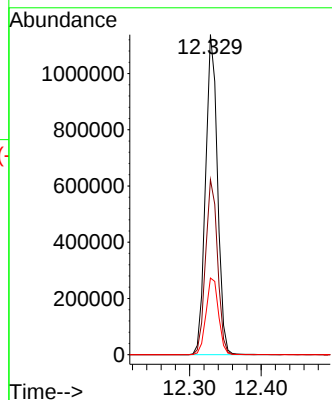
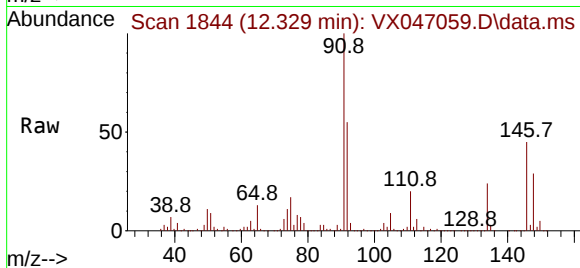
Tgt Ion: 91 Resp: 1323274

Ion Ratio Lower Upper

91 100

92 54.9 27.5 82.5

134 25.0 12.8 38.3



#90

Hexachloroethane

Concen: 102.152 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX047059.D

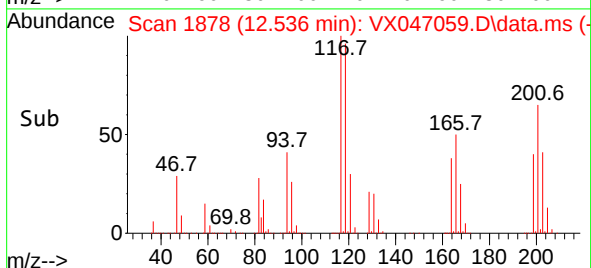
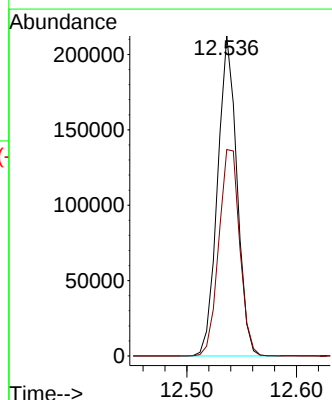
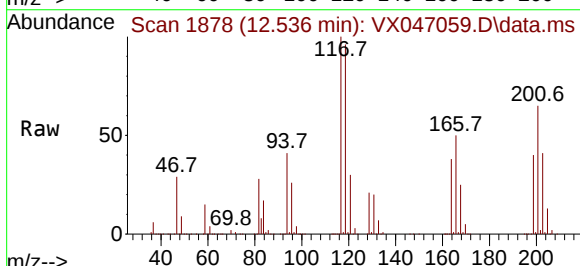
Acq: 21 Jul 2025 11:11

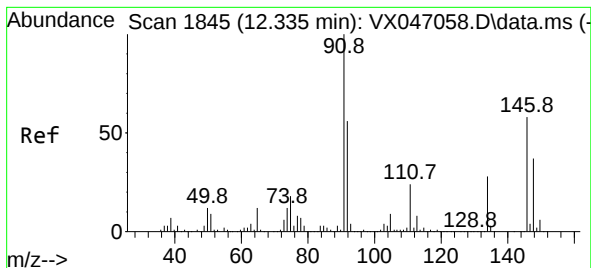
Tgt Ion: 117 Resp: 260929

Ion Ratio Lower Upper

117 100

201 69.6 34.8 104.5





#91

1,2-Dichlorobenzene

Concen: 94.557 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

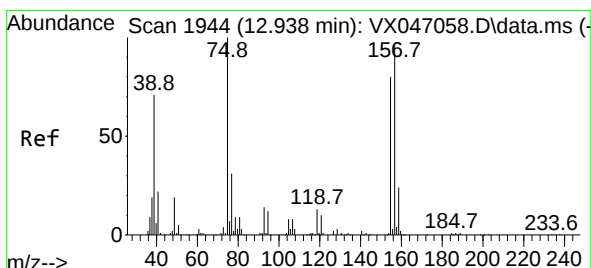
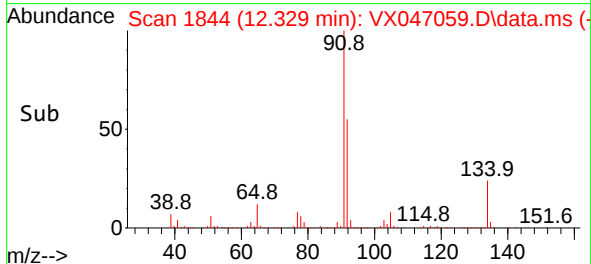
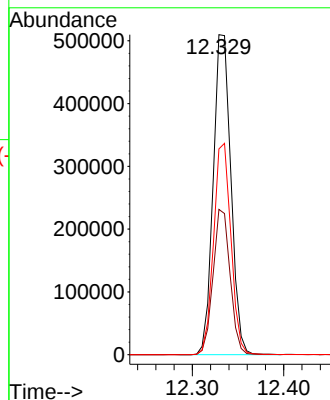
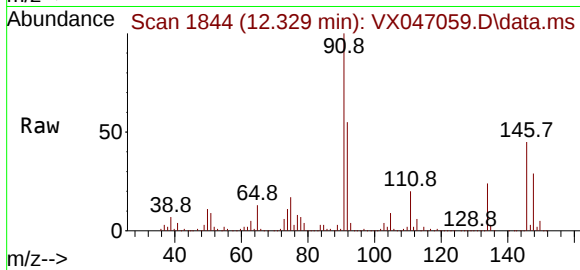
Tgt Ion:146 Resp: 684462

Ion Ratio Lower Upper

146 100

111 43.9 21.6 64.6

148 64.8 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 106.683 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

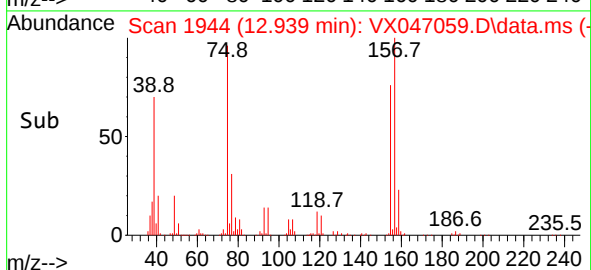
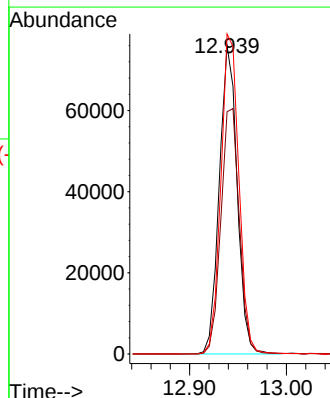
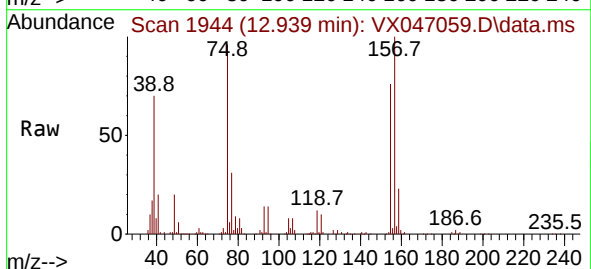
Tgt Ion: 75 Resp: 97209

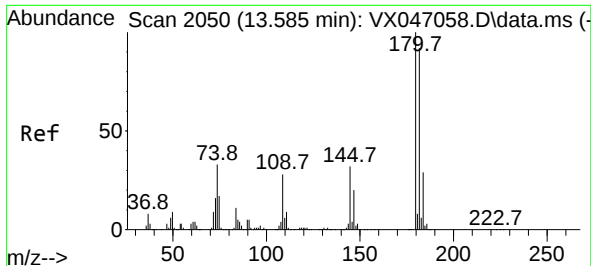
Ion Ratio Lower Upper

75 100

155 82.3 41.3 124.1

157 104.9 52.8 158.3

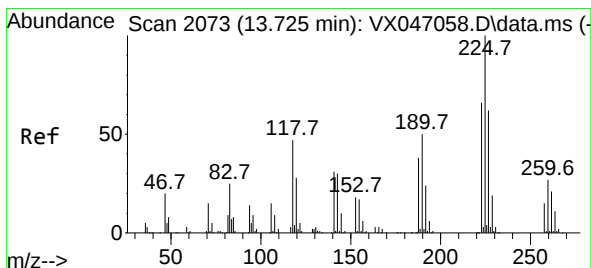
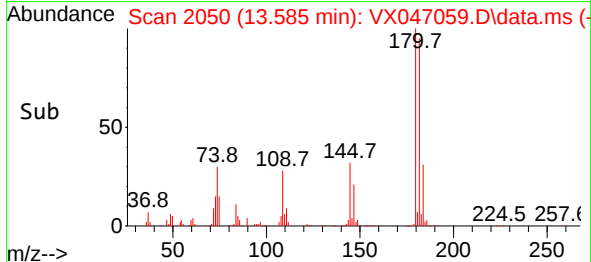
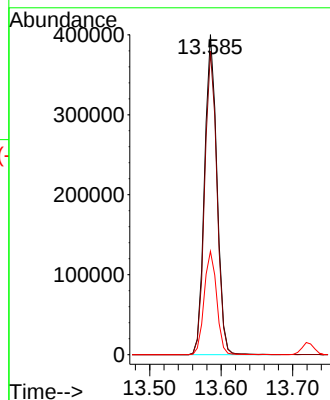
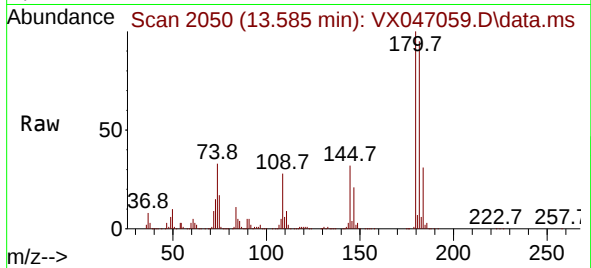




#93  
1,2,4-Trichlorobenzene  
Concen: 100.755 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

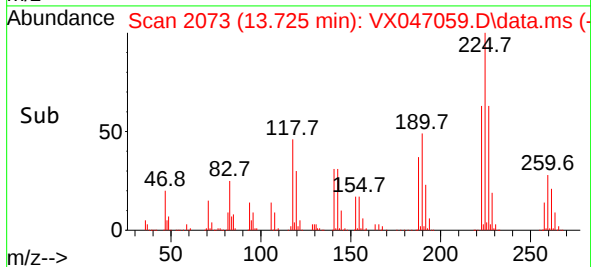
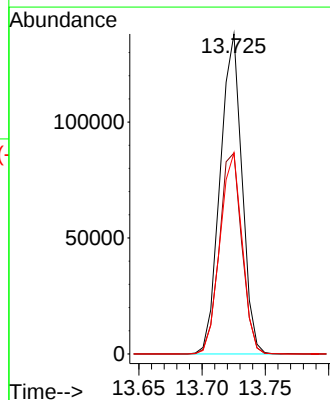
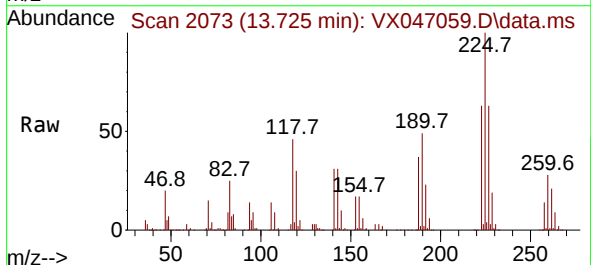
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

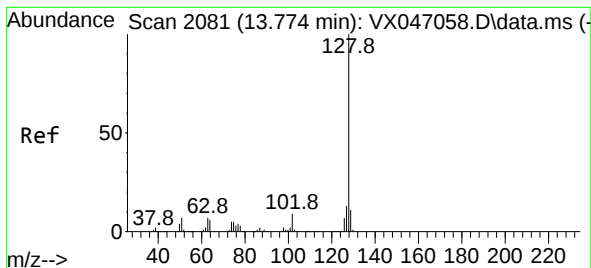
Tgt Ion:180 Resp: 481866  
Ion Ratio Lower Upper  
180 100  
182 94.4 47.3 141.8  
145 32.6 16.4 49.1



#94  
Hexachlorobutadiene  
Concen: 101.539 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX047059.D  
Acq: 21 Jul 2025 11:11

Tgt Ion:225 Resp: 165153  
Ion Ratio Lower Upper  
225 100  
223 64.9 31.6 95.0  
227 63.9 32.9 98.6





#95

Naphthalene

Concen: 105.135 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC100

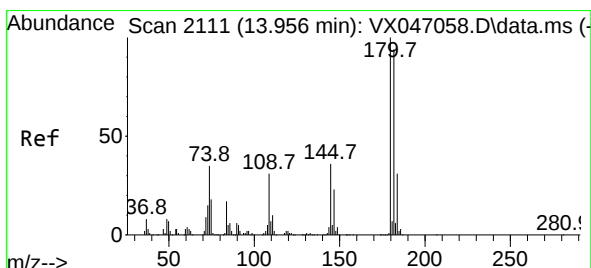
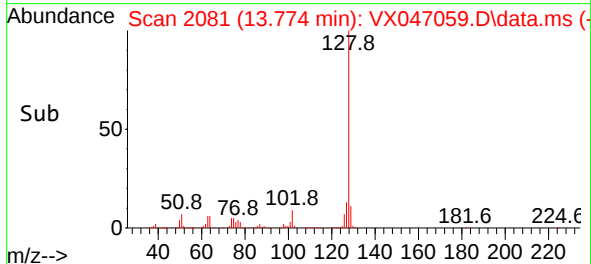
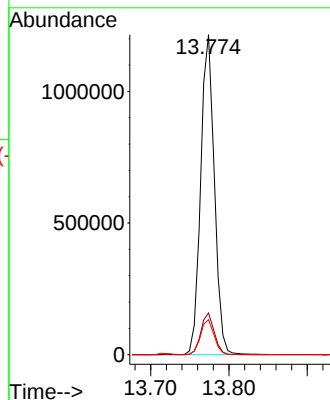
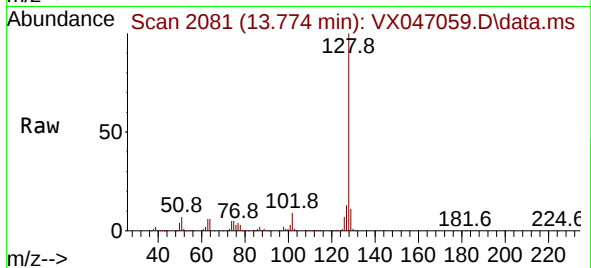
Tgt Ion:128 Resp: 1474039

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 100.760 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047059.D

Acq: 21 Jul 2025 11:11

Tgt Ion:180 Resp: 464244

Ion Ratio Lower Upper

180 100

182 93.9 46.9 140.6

145 34.4 17.3 52.0

