

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092225\  
 Data File : VX047717.D  
 Acq On : 22 Sep 2025 19:40  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 23 01:43:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 151263   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.751  | 114  | 277250   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.037 | 117  | 250939   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152  | 120316   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.940  | 65    | 131803   | 54.742   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 109.480% |      |
| 35) Dibromofluoromethane    | 5.373  | 113   | 102447   | 55.097   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 110.200% |      |
| 50) Toluene-d8              | 8.634  | 98    | 353835   | 54.996   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 110.000% |      |
| 62) 4-Bromofluorobenzene    | 11.061 | 95    | 135585   | 55.527   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 111.060% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.172 | 85  | 88566   | 56.543  | ug/l   | 99  |
| 3) Chloromethane             | 1.300 | 50  | 110444  | 53.650  | ug/l   | 98  |
| 4) Vinyl Chloride            | 1.380 | 62  | 107172  | 53.183  | ug/l   | 99  |
| 5) Bromomethane              | 1.617 | 94  | 72614   | 56.826  | ug/l   | 96  |
| 6) Chloroethane              | 1.697 | 64  | 70585   | 52.407  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 1.898 | 101 | 150481  | 50.293  | ug/l   | 99  |
| 8) Diethyl Ether             | 2.136 | 74  | 63484   | 51.867  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 2.337 | 101 | 88522   | 50.597  | ug/l   | 99  |
| 10) Methyl Iodide            | 2.459 | 142 | 139955  | 51.292  | ug/l   | 100 |
| 11) Tert butyl alcohol       | 2.946 | 59  | 70235   | 261.918 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 2.325 | 96  | 91283   | 50.793  | ug/l   | 98  |
| 13) Acrolein                 | 2.239 | 56  | 67239   | 272.101 | ug/l   | 99  |
| 14) Allyl chloride           | 2.666 | 41  | 181689  | 48.993  | ug/l   | 97  |
| 15) Acrylonitrile            | 3.056 | 53  | 278155  | 280.040 | ug/l   | 99  |
| 16) Acetone                  | 2.373 | 43  | 217175  | 207.448 | ug/l   | 99  |
| 17) Carbon Disulfide         | 2.520 | 76  | 260128  | 52.873  | ug/l   | 97  |
| 18) Methyl Acetate           | 2.703 | 43  | 128811  | 55.287  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 343603  | 52.375  | ug/l   | 100 |
| 20) Methylene Chloride       | 2.788 | 84  | 113084  | 51.031  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 101088  | 52.246  | ug/l   | 97  |
| 22) Diisopropyl ether        | 3.751 | 45  | 374276  | 52.076  | ug/l # | 80  |
| 23) Vinyl Acetate            | 3.715 | 43  | 1575430 | 273.882 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 197744  | 51.765  | ug/l   | 100 |
| 25) 2-Butanone               | 4.544 | 43  | 337965  | 258.807 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 4.464 | 77  | 138210  | 43.525  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 123020  | 51.917  | ug/l   | 98  |
| 28) Bromochloromethane       | 4.885 | 49  | 85726   | 51.404  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 4.995 | 42  | 215954  | 274.899 | ug/l   | 99  |
| 30) Chloroform               | 5.080 | 83  | 200652  | 51.979  | ug/l   | 97  |
| 31) Cyclohexane              | 5.464 | 56  | 157545  | 49.517  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 167268  | 51.085  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 130436  | 48.007  | ug/l   | 99  |
| 37) Ethyl Acetate            | 4.702 | 43  | 147890  | 50.836  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 5.665 | 117 | 139363  | 47.209  | ug/l   | 94  |
| 39) Methylcyclohexane        | 7.366 | 83  | 149612  | 48.510  | ug/l   | 98  |
| 40) Benzene                  | 6.031 | 78  | 419576  | 50.844  | ug/l   | 100 |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 23 01:43:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|------|----------|----------|-------|----------|
| 41) Methacrylonitrile         | 4.910  | 41   | 83185    | 55.388   | ug/l  | 96       |
| 42) 1,2-Dichloroethane        | 6.074  | 62   | 155471   | 49.515   | ug/l  | 98       |
| 43) Isopropyl Acetate         | 6.324  | 43   | 249793   | 52.355   | ug/l  | 99       |
| 44) Trichloroethene           | 7.110  | 130  | 103766   | 52.011   | ug/l  | 97       |
| 45) 1,2-Dichloropropane       | 7.415  | 63   | 108998   | 51.582   | ug/l  | 100      |
| 46) Dibromomethane            | 7.568  | 93   | 79231    | 51.526   | ug/l  | 98       |
| 47) Bromodichloromethane      | 7.805  | 83   | 160815   | 50.680   | ug/l  | 99       |
| 48) Methyl methacrylate       | 7.677  | 41   | 124008   | 52.179   | ug/l  | 98       |
| 49) 1,4-Dioxane               | 7.647  | 88   | 31911    | 1328.639 | ug/l  | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.561  | 43   | 721472   | 272.732  | ug/l  | 100      |
| 52) Toluene                   | 8.702  | 92   | 257025   | 50.554   | ug/l  | 99       |
| 53) t-1,3-Dichloropropene     | 8.964  | 75   | 165158   | 51.028   | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene   | 8.354  | 75   | 176564   | 51.038   | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane     | 9.134  | 97   | 102388   | 52.227   | ug/l  | 99       |
| 56) Ethyl methacrylate        | 9.104  | 69   | 166501   | 54.080   | ug/l  | 97       |
| 57) 1,3-Dichloropropane       | 9.293  | 76   | 179432   | 53.280   | ug/l  | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.226  | 63   | 385340   | 261.171  | ug/l  | 99       |
| 59) 2-Hexanone                | 9.415  | 43   | 503551   | 265.041  | ug/l  | 99       |
| 60) Dibromochloromethane      | 9.506  | 129  | 118732   | 52.563   | ug/l  | 98       |
| 61) 1,2-Dibromoethane         | 9.592  | 107  | 107185   | 53.678   | ug/l  | 100      |
| 64) Tetrachloroethene         | 9.262  | 164  | 79987    | 48.896   | ug/l  | 95       |
| 65) Chlorobenzene             | 10.067 | 112  | 286551   | 50.265   | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.146 | 131  | 99248    | 50.451   | ug/l  | 99       |
| 67) Ethyl Benzene             | 10.177 | 91   | 489716   | 49.786   | ug/l  | 99       |
| 68) m/p-Xylenes               | 10.287 | 106  | 369200   | 100.842  | ug/l  | 98       |
| 69) o-Xylene                  | 10.628 | 106  | 179991   | 50.827   | ug/l  | 98       |
| 70) Styrene                   | 10.640 | 104  | 316706   | 51.041   | ug/l  | 98       |
| 71) Bromoform                 | 10.787 | 173  | 75426    | 51.349   | ug/l  | 99       |
| 73) Isopropylbenzene          | 10.945 | 105  | 449995   | 49.195   | ug/l  | 99       |
| 74) N-amyl acetate            | 10.829 | 43   | 222470   | 53.334   | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83   | 145865   | 52.707   | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane    | 11.225 | 75   | 163849   | 67.261   | ug/l  | 90       |
| 77) Bromobenzene              | 11.183 | 156  | 114639   | 50.885   | ug/l  | 97       |
| 78) n-propylbenzene           | 11.286 | 91   | 529287   | 48.949   | ug/l  | 100      |
| 79) 2-Chlorotoluene           | 11.347 | 91   | 323780   | 48.889   | ug/l  | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.433 | 105  | 370606   | 49.314   | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75   | 46938    | 49.137   | ug/l  | 97       |
| 82) 4-Chlorotoluene           | 11.439 | 91   | 385744   | 49.316   | ug/l  | 99       |
| 83) tert-Butylbenzene         | 11.695 | 119  | 375656   | 48.830   | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.731 | 105  | 382206   | 50.163   | ug/l  | 100      |
| 85) sec-Butylbenzene          | 11.872 | 105  | 450434   | 49.293   | ug/l  | 99       |
| 86) p-Isopropyltoluene        | 11.994 | 119  | 374399   | 48.396   | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene       | 11.951 | 146  | 207129   | 49.499   | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene       | 12.024 | 146  | 209548   | 48.791   | ug/l  | 99       |
| 89) n-Butylbenzene            | 12.317 | 91   | 342927   | 47.906   | ug/l  | 99       |
| 90) Hexachloroethane          | 12.518 | 117  | 66519    | 48.974   | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene       | 12.317 | 146  | 202068   | 50.686   | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.926 | 75   | 29730    | 53.060   | ug/l  | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.567 | 180  | 127145   | 49.073   | ug/l  | 98       |
| 94) Hexachlorobutadiene       | 13.707 | 225  | 40382    | 45.885   | ug/l  | 98       |
| 95) Naphthalene               | 13.756 | 128  | 411593   | 52.169   | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.938 | 180  | 122162   | 50.686   | ug/l  | 98       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

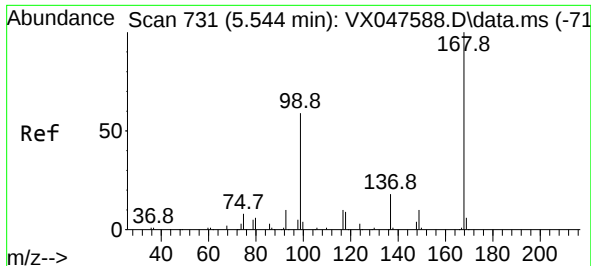
Quant Time: Sep 23 01:43:52 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 2025  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 2025  
Response via : Initial Calibration

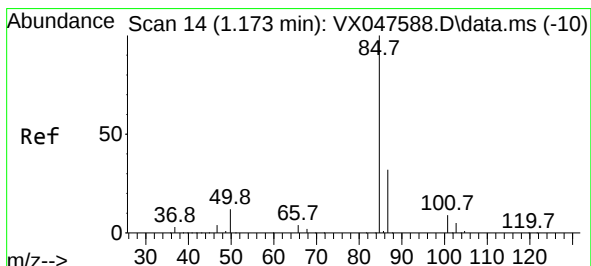
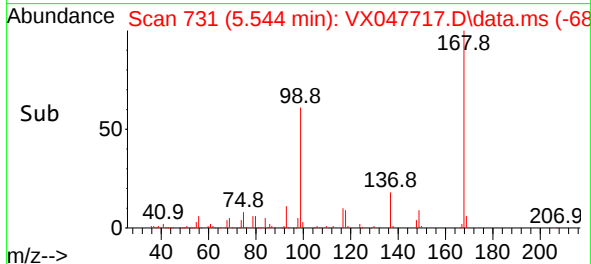
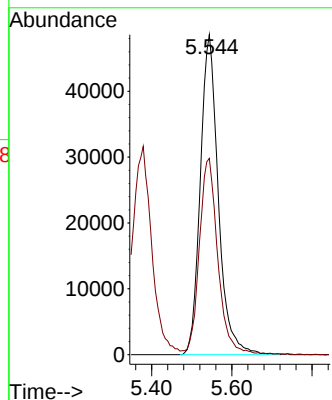
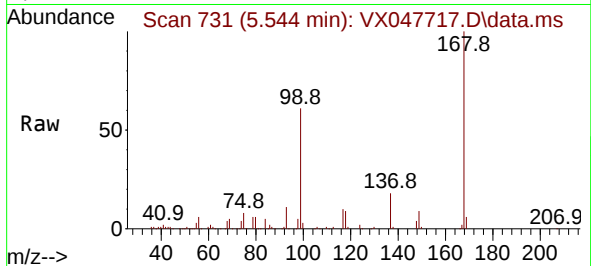




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

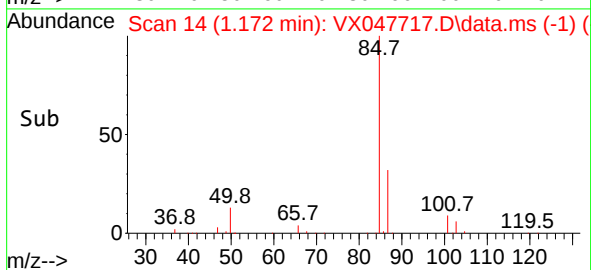
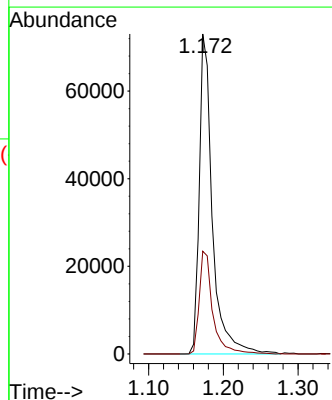
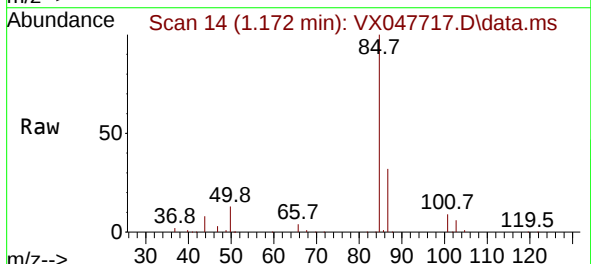
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

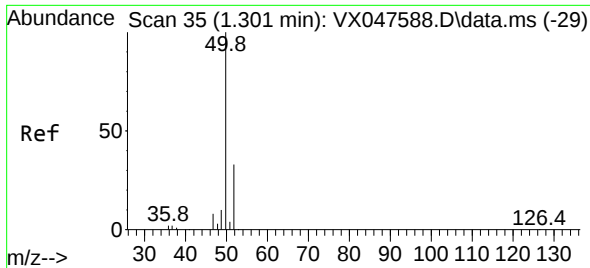
Tgt Ion:168 Resp: 151263  
Ion Ratio Lower Upper  
168 100  
99 61.0 48.8 73.2



#2  
Dichlorodifluoromethane  
Concen: 56.543 ug/l  
RT: 1.172 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 85 Resp: 88566  
Ion Ratio Lower Upper  
85 100  
87 32.1 15.8 47.3

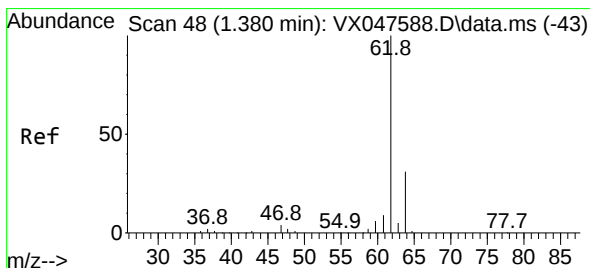
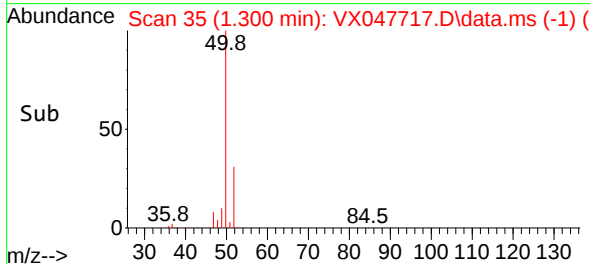
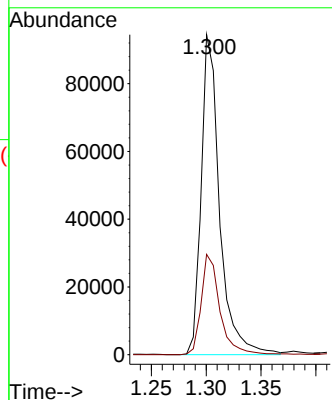
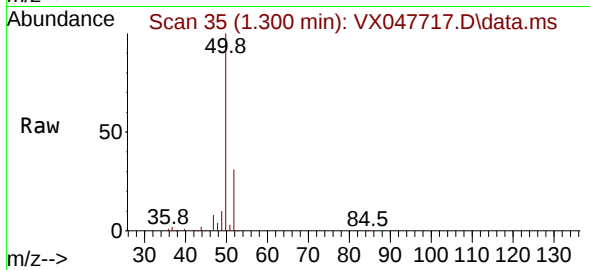




#3  
Chloromethane  
Concen: 53.650 ug/l  
RT: 1.300 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

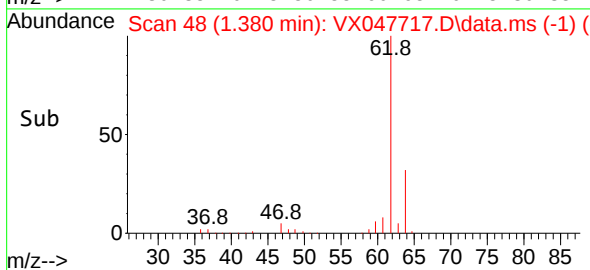
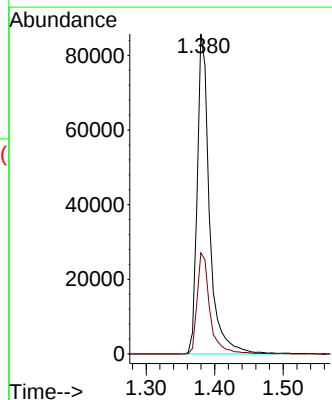
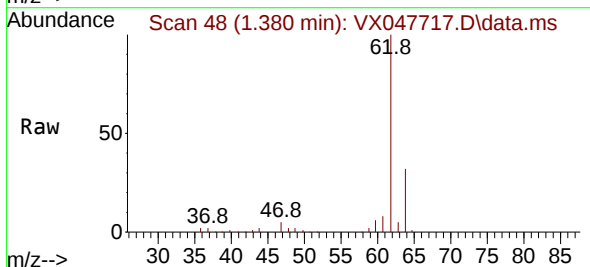
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

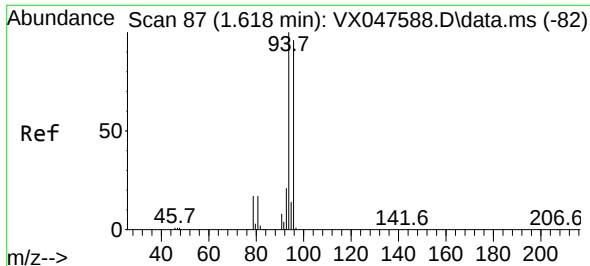
Tgt Ion: 50 Resp: 110444  
Ion Ratio Lower Upper  
50 100  
52 31.4 26.1 39.1



#4  
Vinyl Chloride  
Concen: 53.183 ug/l  
RT: 1.380 min Scan# 48  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 62 Resp: 107172  
Ion Ratio Lower Upper  
62 100  
64 31.6 24.9 37.3

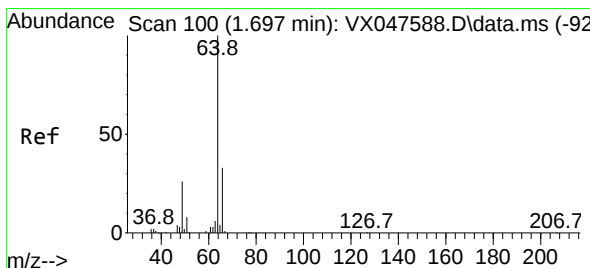
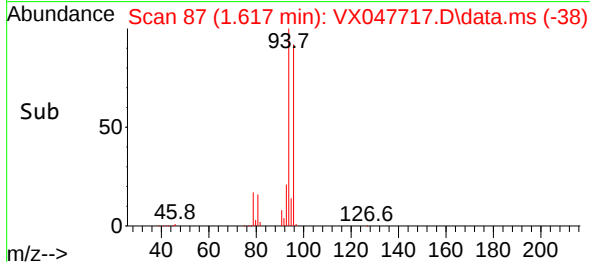
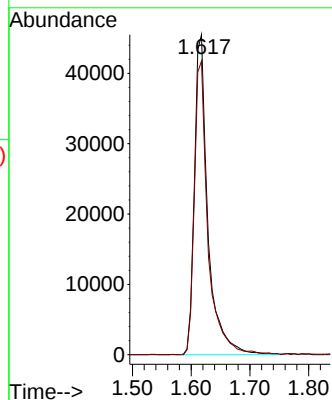
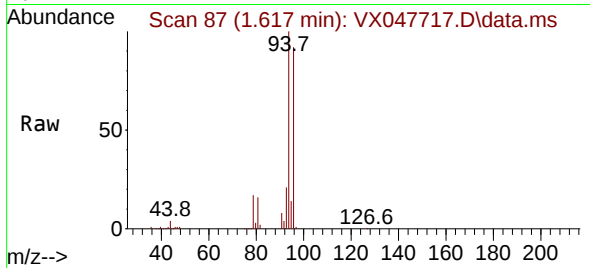




#5  
Bromomethane  
Concen: 56.826 ug/l  
RT: 1.617 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

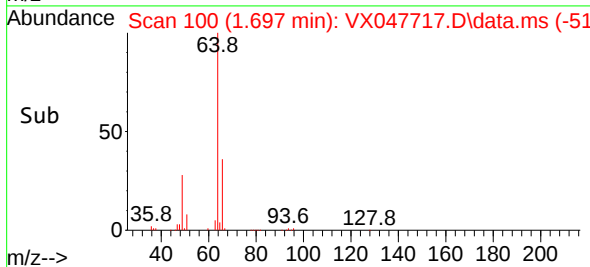
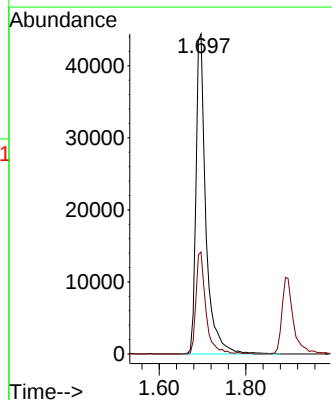
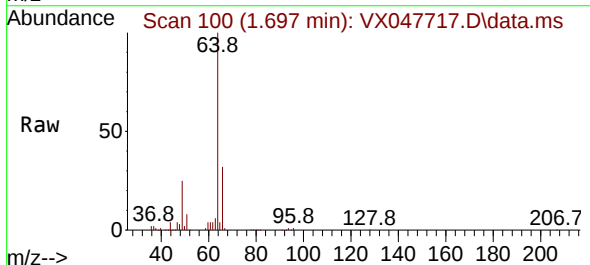
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

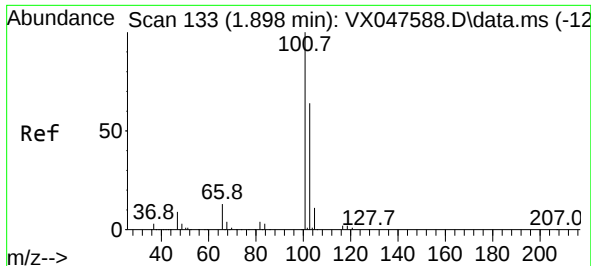
Tgt Ion: 94 Resp: 72614  
Ion Ratio Lower Upper  
94 100  
96 91.8 76.6 115.0



#6  
Chloroethane  
Concen: 52.407 ug/l  
RT: 1.697 min Scan# 100  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 64 Resp: 70585  
Ion Ratio Lower Upper  
64 100  
66 31.9 26.1 39.1

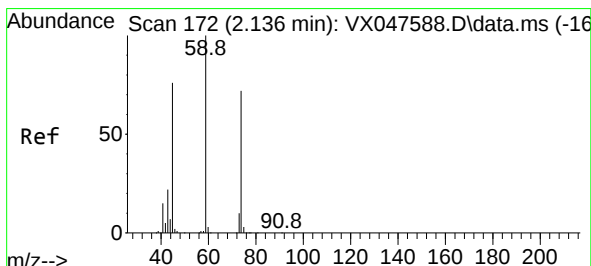
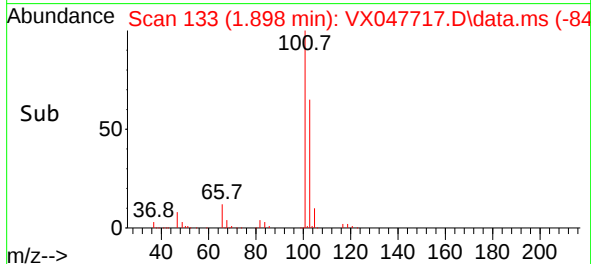
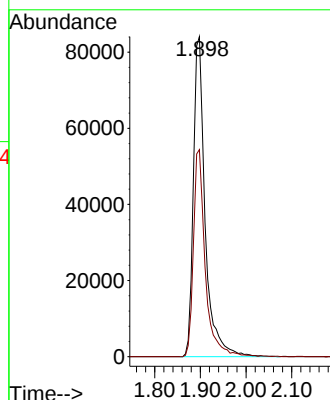
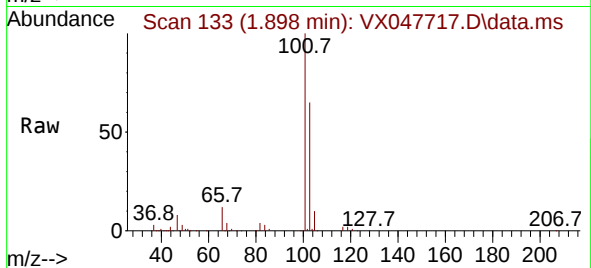




#7  
 Trichlorofluoromethane  
 Concen: 50.293 ug/l  
 RT: 1.898 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX047717.D  
 Acq: 22 Sep 2025 19:40

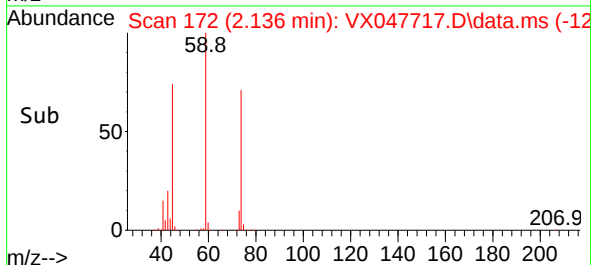
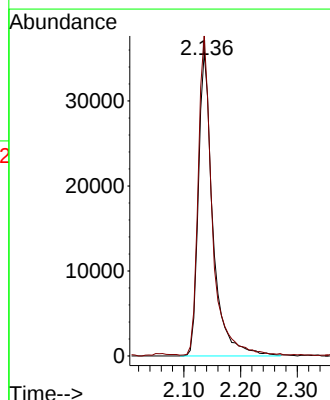
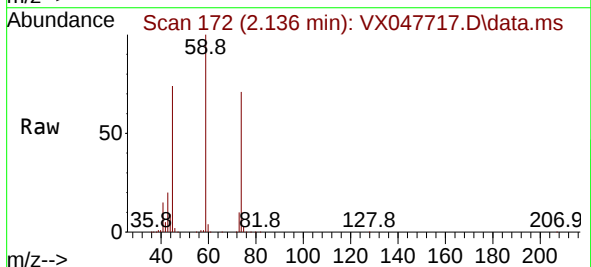
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

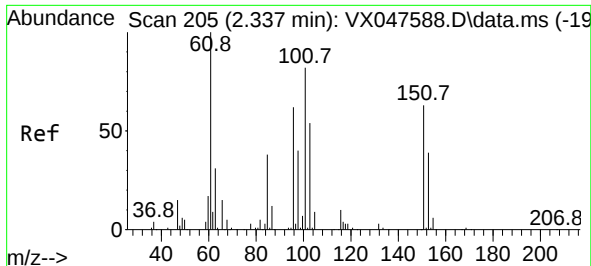
Tgt Ion:101 Resp: 150481  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 51.867 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX047717.D  
 Acq: 22 Sep 2025 19:40

Tgt Ion: 74 Resp: 63484  
 Ion Ratio Lower Upper  
 74 100  
 45 102.2 52.3 156.8

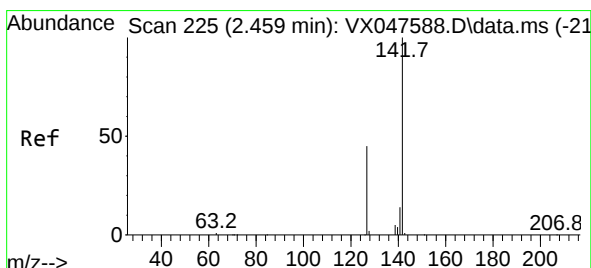
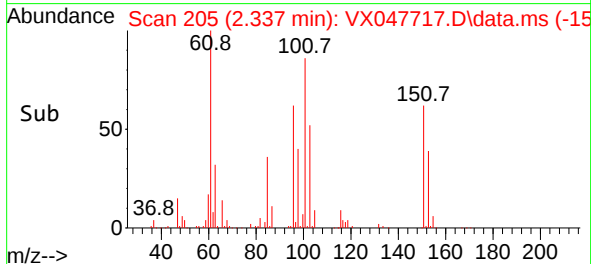
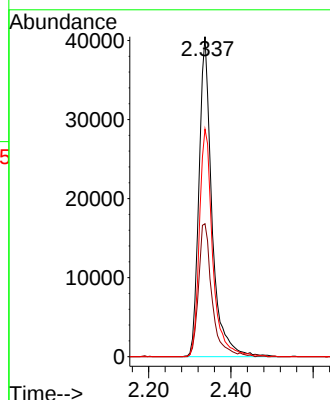
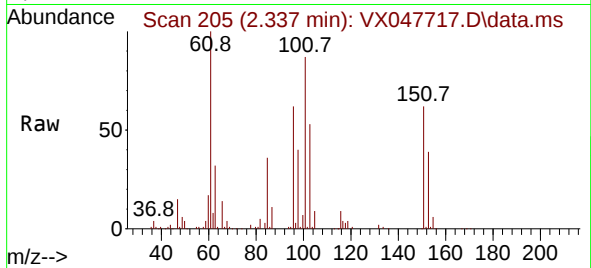




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.597 ug/l  
RT: 2.337 min Scan# 205  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

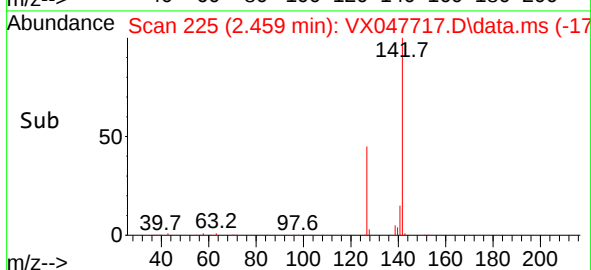
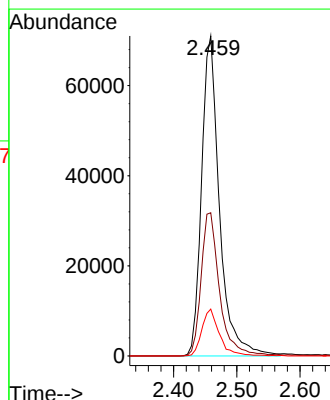
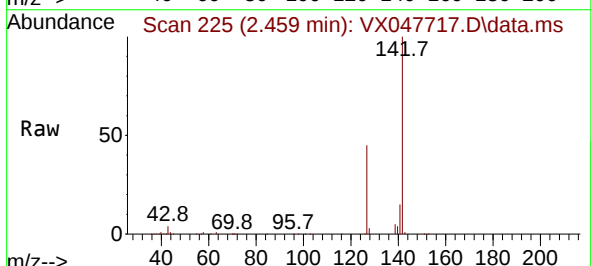
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

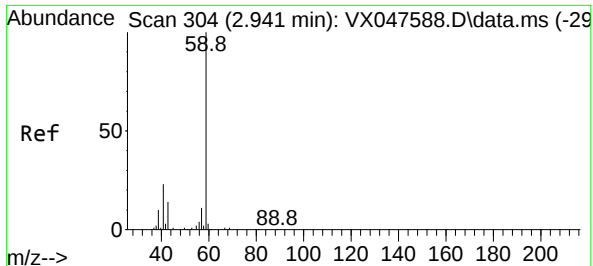
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 88522 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 43.3  | 35.5  | 53.3  |
| 151      | 73.4  | 59.4  | 89.0  |



#10  
Methyl Iodide  
Concen: 51.292 ug/l  
RT: 2.459 min Scan# 225  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 139955 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 127      | 46.4  | 37.2  | 55.8   |
| 141      | 14.5  | 11.4  | 17.0   |

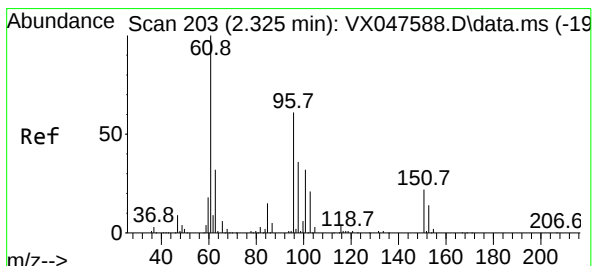
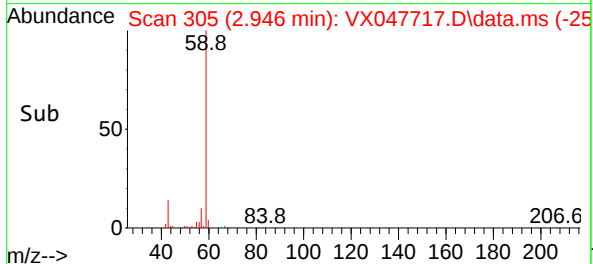
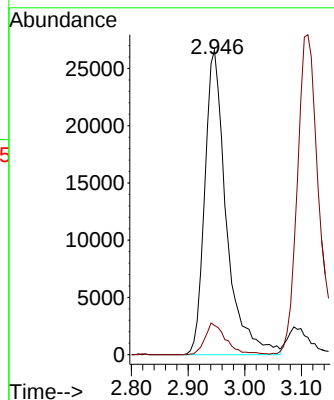
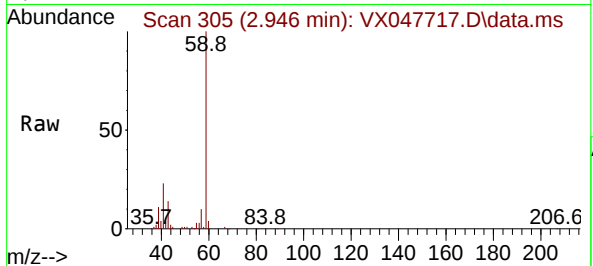




#11  
Tert butyl alcohol  
Concen: 261.918 ug/l  
RT: 2.946 min Scan# 304  
Delta R.T. 0.006 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

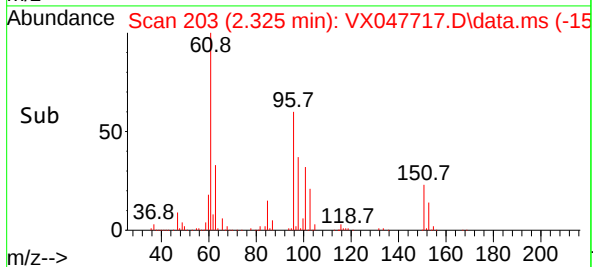
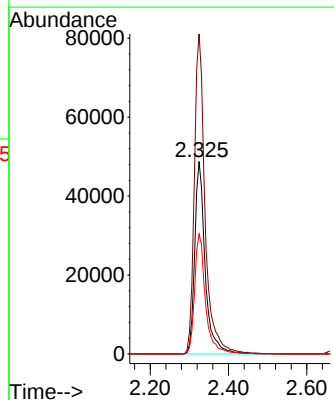
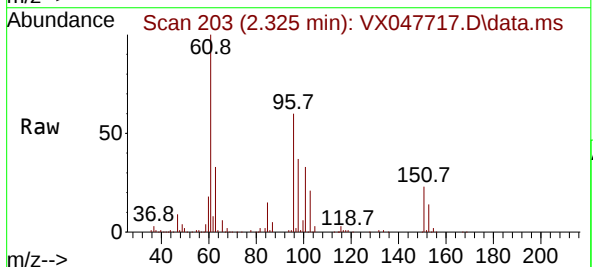
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

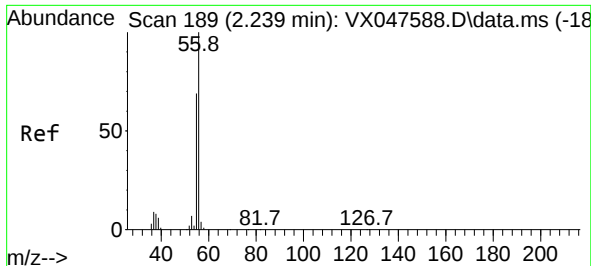
Tgt Ion: 59 Resp: 70235  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 50.793 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 96 Resp: 91283  
Ion Ratio Lower Upper  
96 100  
61 166.3 131.0 196.6  
98 62.3 47.7 71.5

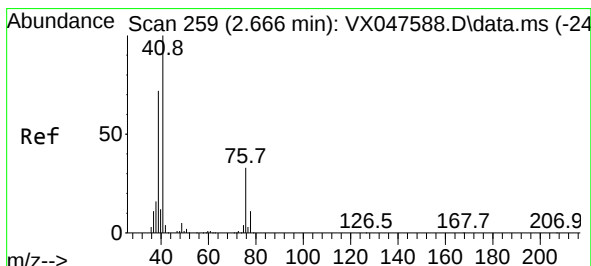
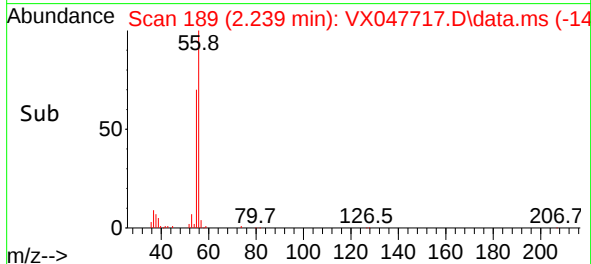
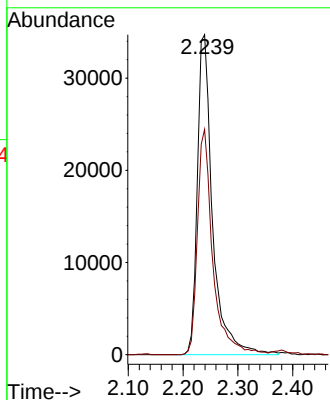
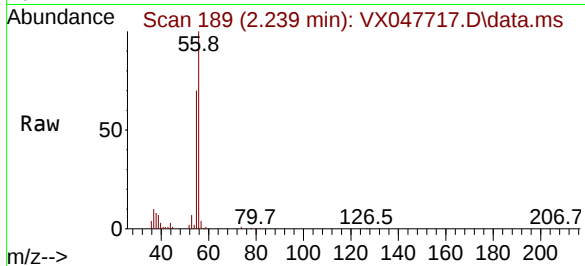




#13  
Acrolein  
Concen: 272.101 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

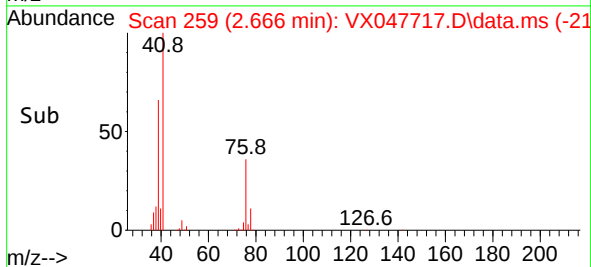
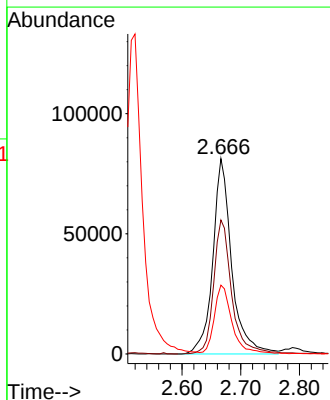
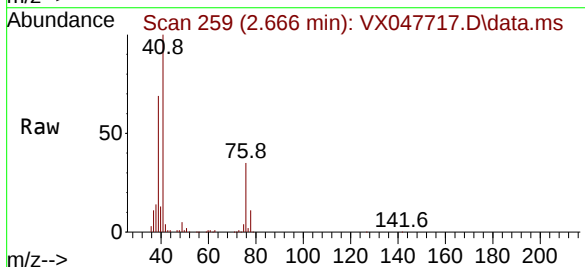
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

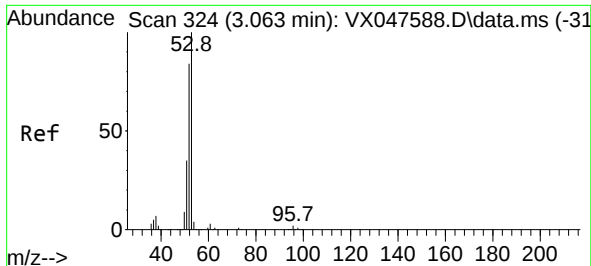
Tgt Ion: 56 Resp: 67239  
Ion Ratio Lower Upper  
56 100  
55 70.9 57.2 85.8



#14  
Allyl chloride  
Concen: 48.993 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 41 Resp: 181689  
Ion Ratio Lower Upper  
41 100  
39 65.8 54.7 82.1  
76 33.5 25.7 38.5

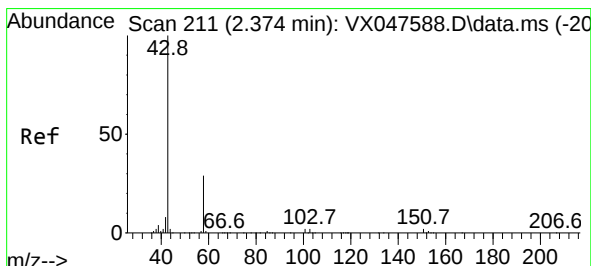
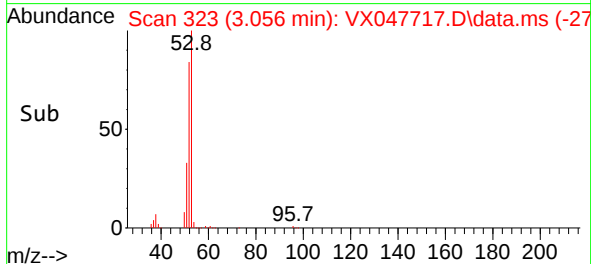
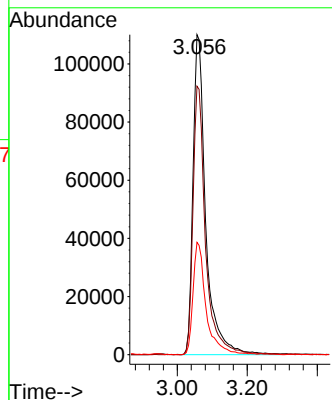
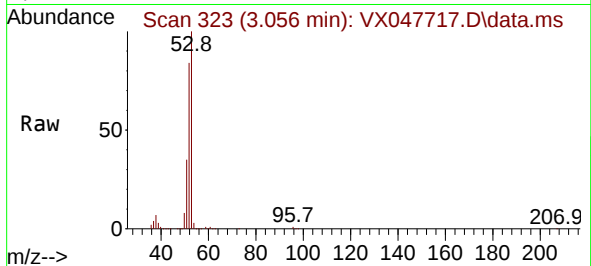




#15  
Acrylonitrile  
Concen: 280.040 ug/l  
RT: 3.056 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

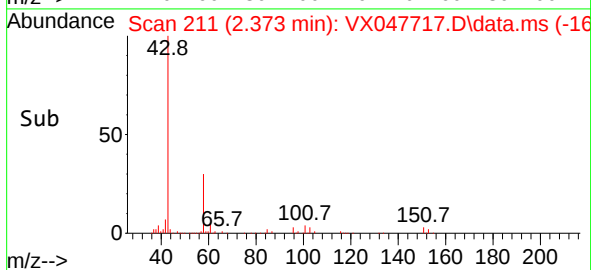
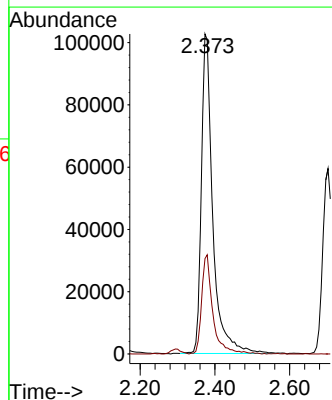
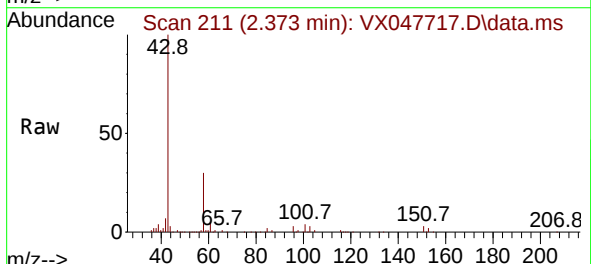
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

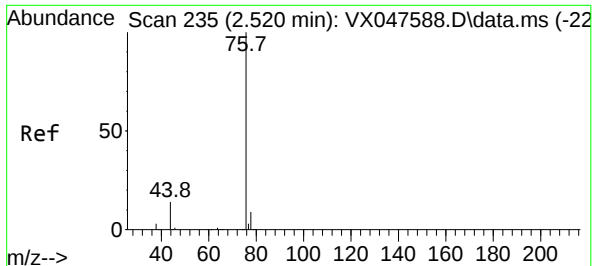
Tgt Ion: 53 Resp: 278155  
Ion Ratio Lower Upper  
53 100  
52 82.7 66.4 99.6  
51 36.1 29.5 44.3



#16  
Acetone  
Concen: 207.448 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 43 Resp: 217175  
Ion Ratio Lower Upper  
43 100  
58 29.8 23.4 35.0





#17

Carbon Disulfide

Concen: 52.873 ug/l

RT: 2.520 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

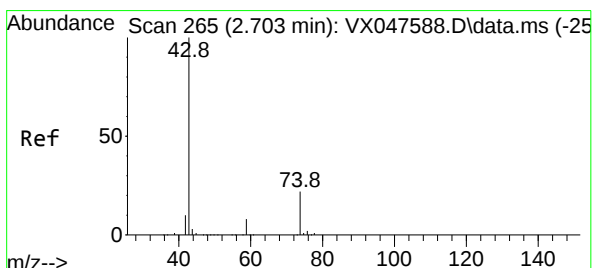
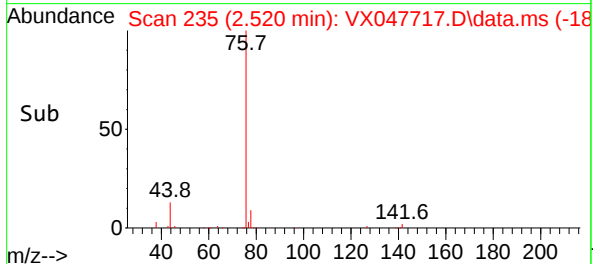
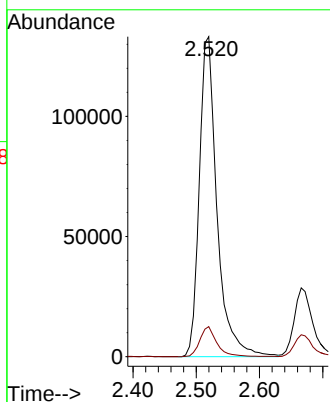
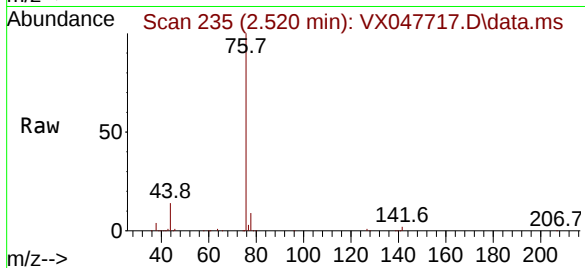
VSTDCCC050EC

Tgt Ion: 76 Resp: 260128

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2



#18

Methyl Acetate

Concen: 55.287 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX047717.D

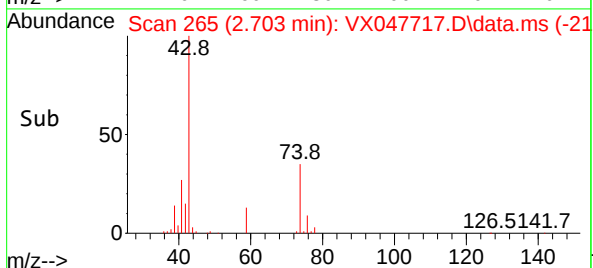
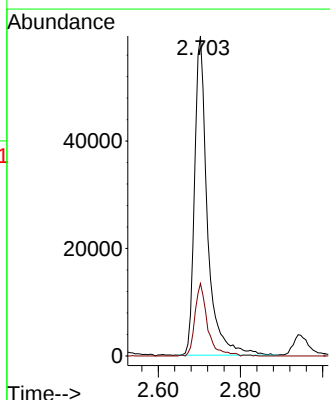
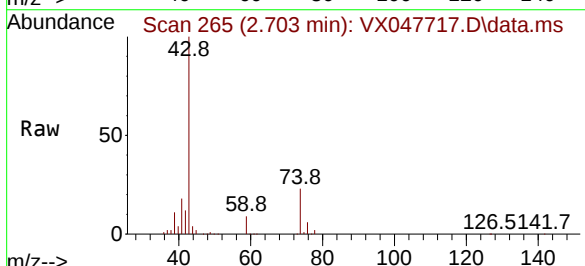
Acq: 22 Sep 2025 19:40

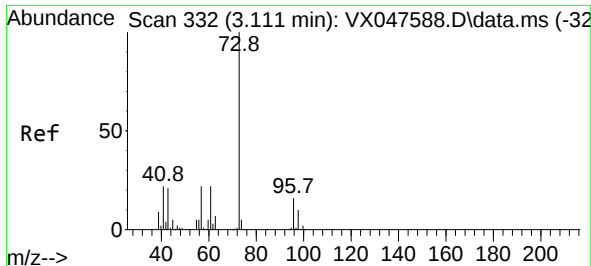
Tgt Ion: 43 Resp: 128811

Ion Ratio Lower Upper

43 100

74 22.2 17.4 26.2

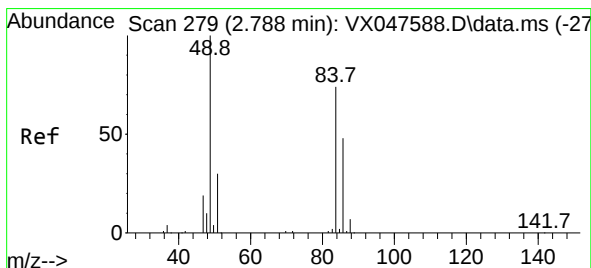
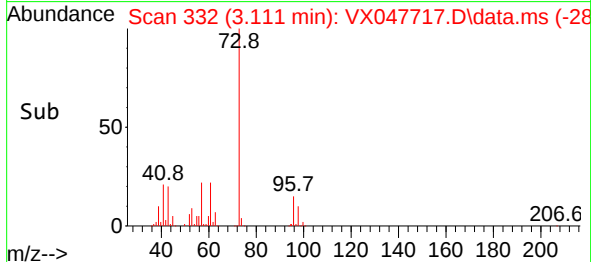
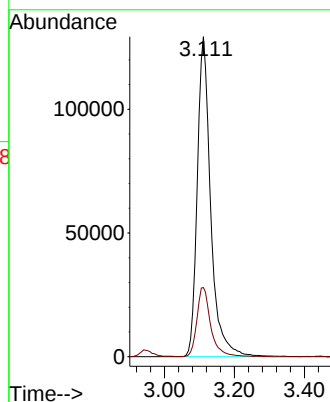
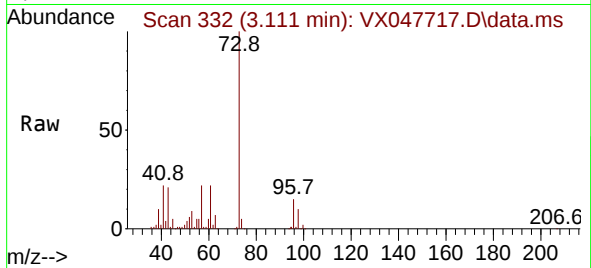




#19  
Methyl tert-butyl Ether  
Concen: 52.375 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

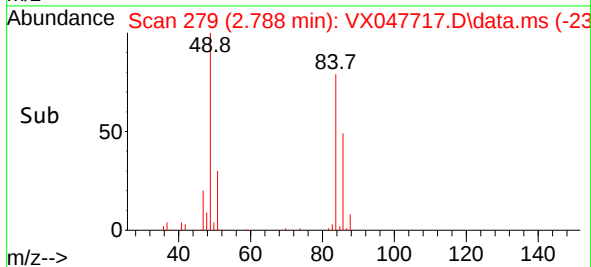
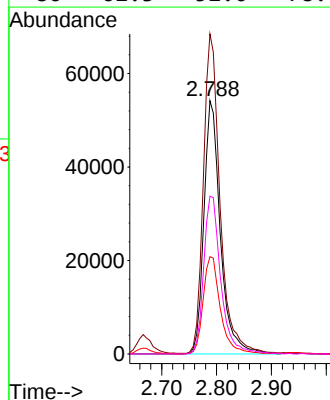
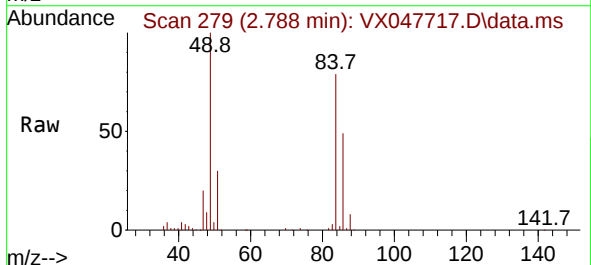
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

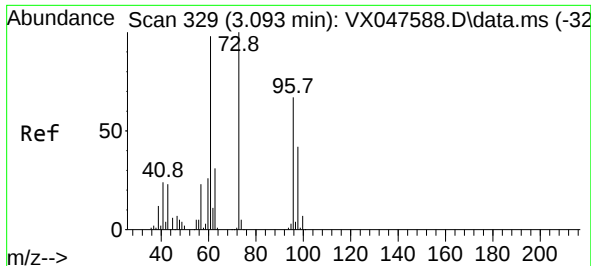
Tgt Ion: 73 Resp: 343603  
Ion Ratio Lower Upper  
73 100  
57 21.6 17.4 26.2



#20  
Methylene Chloride  
Concen: 51.031 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 84 Resp: 113084  
Ion Ratio Lower Upper  
84 100  
49 126.1 108.6 162.8  
51 38.5 32.6 48.8  
86 62.3 52.0 78.0

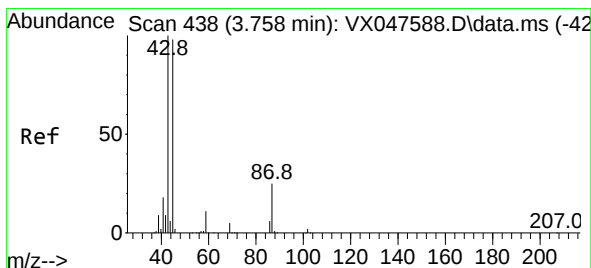
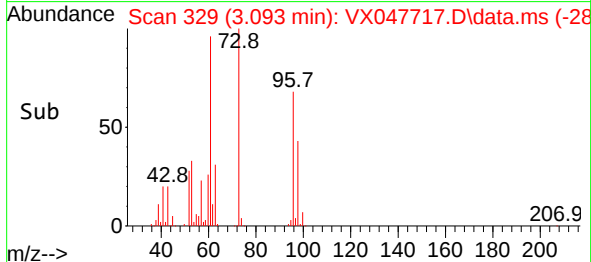
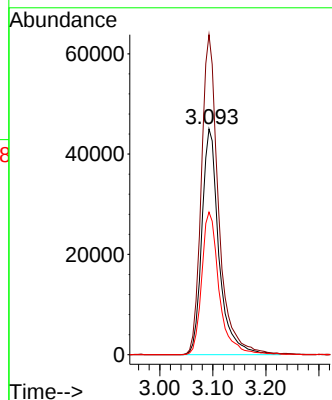
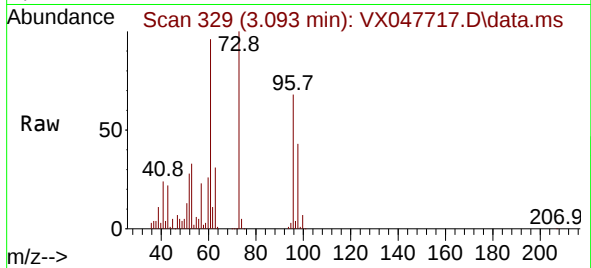




#21  
trans-1,2-Dichloroethene  
Concen: 52.246 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

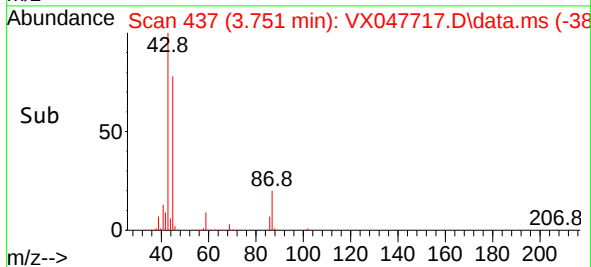
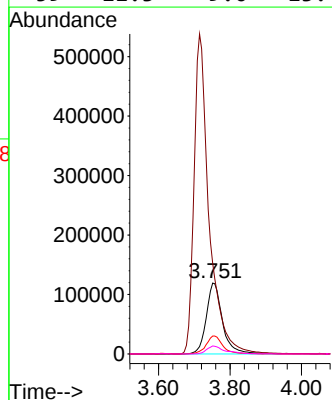
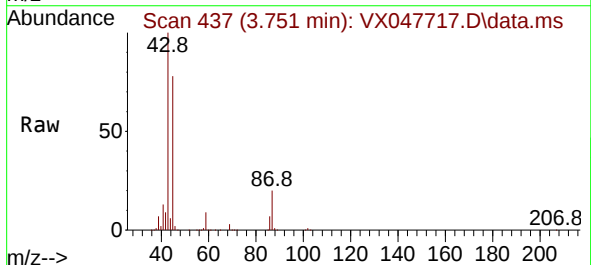
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

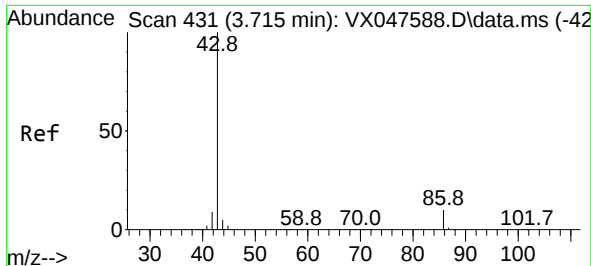
Tgt Ion: 96 Resp: 101088  
Ion Ratio Lower Upper  
96 100  
61 141.7 116.2 174.2  
98 63.2 49.3 73.9



#22  
Diisopropyl ether  
Concen: 52.076 ug/l  
RT: 3.751 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 45 Resp: 374276  
Ion Ratio Lower Upper  
45 100  
43 128.0 81.0 121.4#  
87 25.4 20.3 30.5  
59 11.3 9.0 13.4

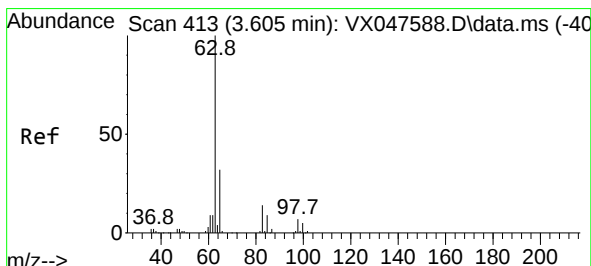
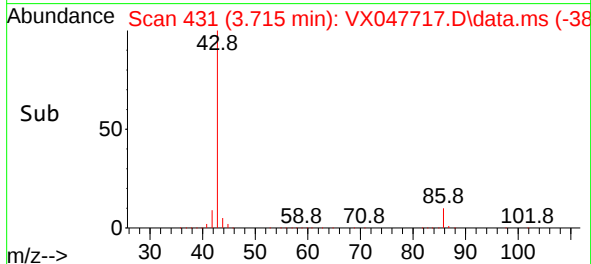
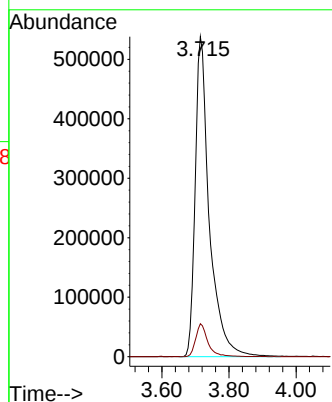
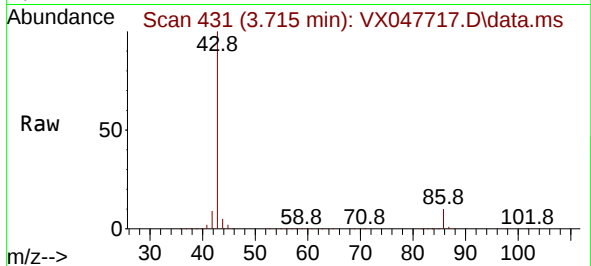




#23  
 Vinyl Acetate  
 Concen: 273.882 ug/l  
 RT: 3.715 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX047717.D  
 Acq: 22 Sep 2025 19:40

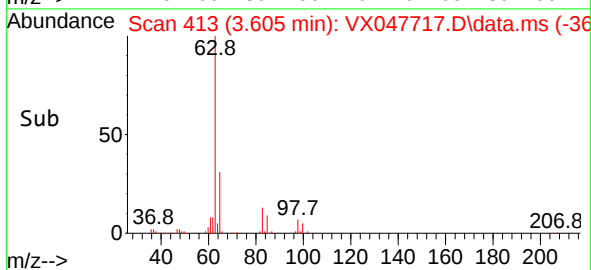
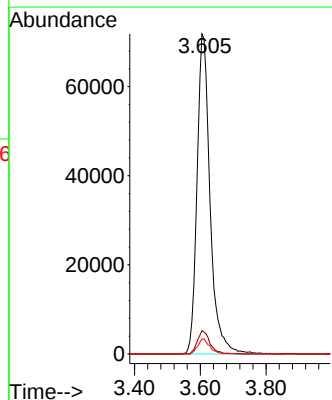
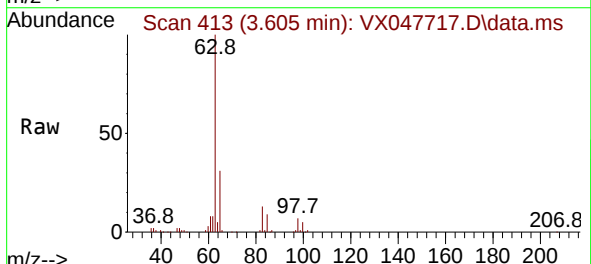
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

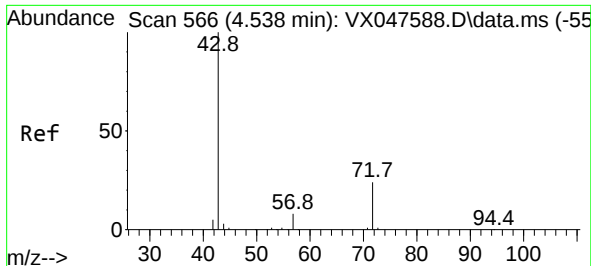
Tgt Ion: 43 Resp: 1575430  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 51.765 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX047717.D  
 Acq: 22 Sep 2025 19:40

Tgt Ion: 63 Resp: 197744  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.8 11.2  
 100 4.7 2.3 6.9





#25

2-Butanone

Concen: 258.807 ug/l

RT: 4.544 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

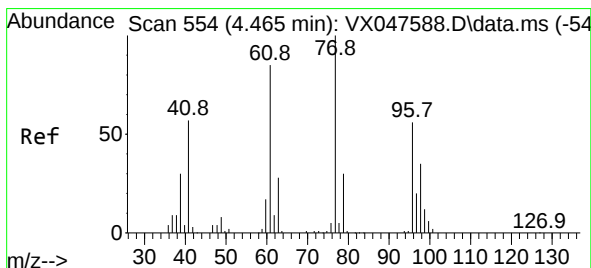
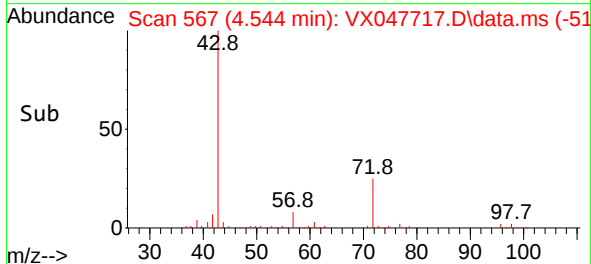
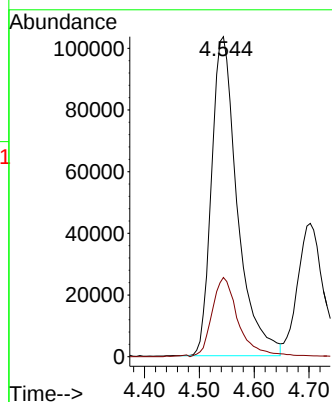
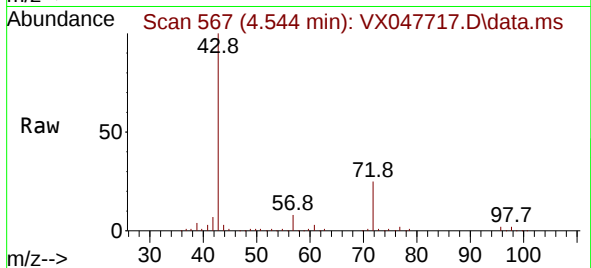
VSTDCCC050EC

Tgt Ion: 43 Resp: 337965

Ion Ratio Lower Upper

43 100

72 24.5 20.1 30.1



#26

2,2-Dichloropropane

Concen: 43.525 ug/l

RT: 4.464 min Scan# 554

Delta R.T. -0.000 min

Lab File: VX047717.D

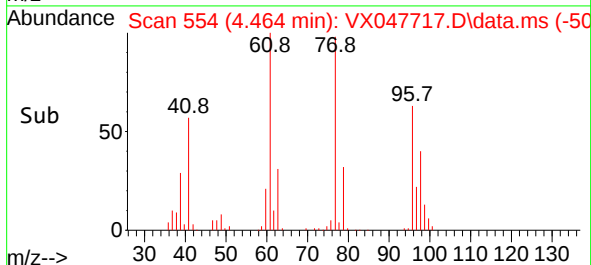
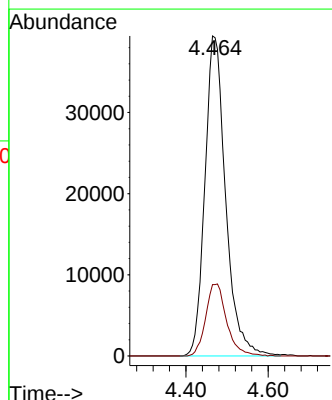
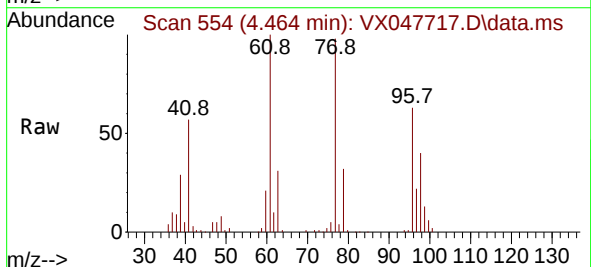
Acq: 22 Sep 2025 19:40

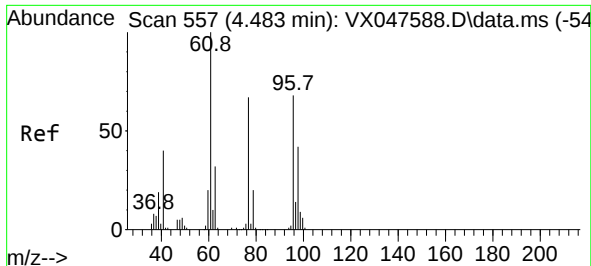
Tgt Ion: 77 Resp: 138210

Ion Ratio Lower Upper

77 100

97 22.7 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 51.917 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

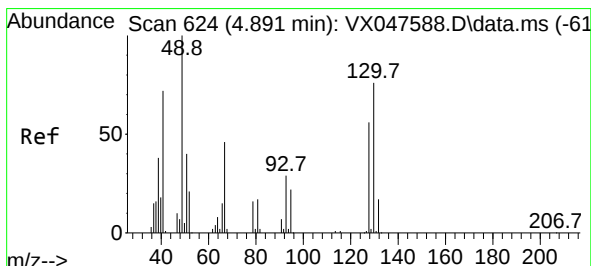
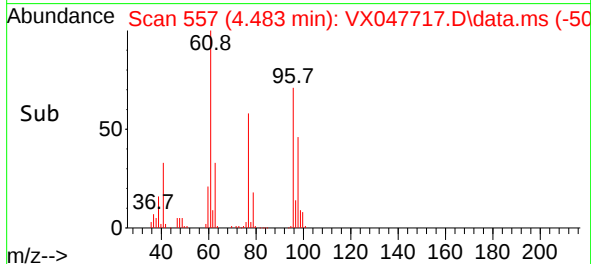
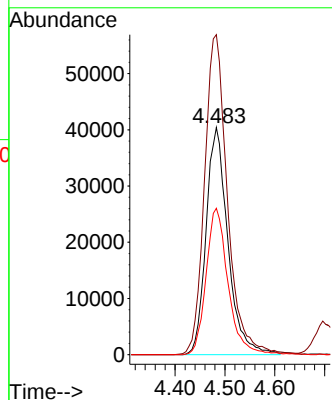
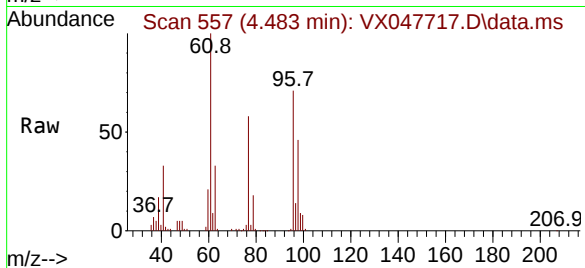
Tgt Ion: 96 Resp: 123020

Ion Ratio Lower Upper

96 100

61 147.9 0.0 303.2

98 64.8 0.0 127.8



#28

Bromochloromethane

Concen: 51.404 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

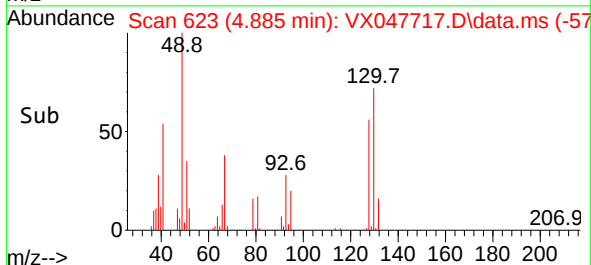
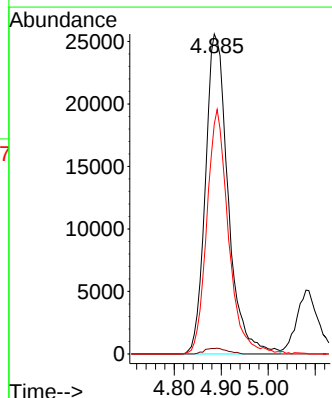
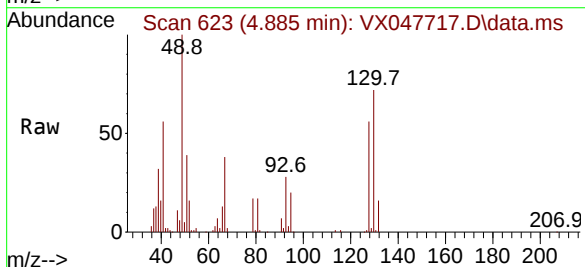
Tgt Ion: 49 Resp: 85726

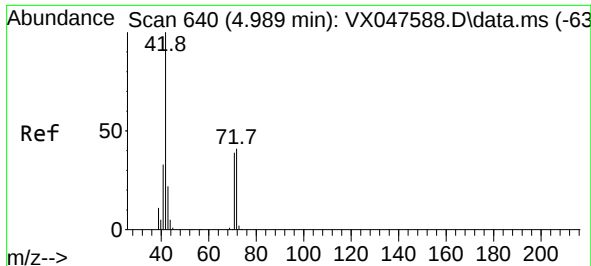
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

130 72.9 57.8 86.8





#29

Tetrahydrofuran

Concen: 274.899 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

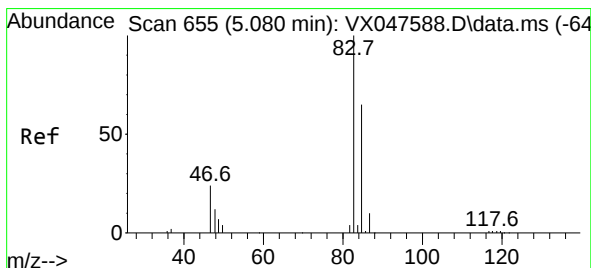
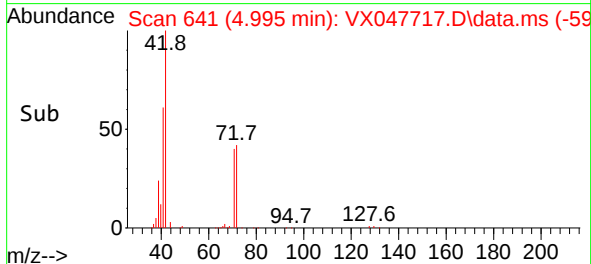
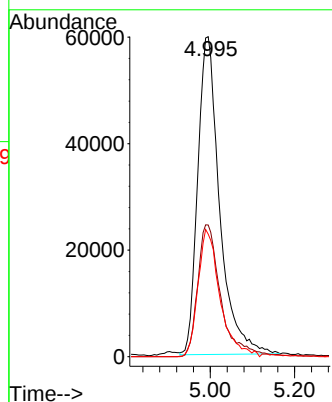
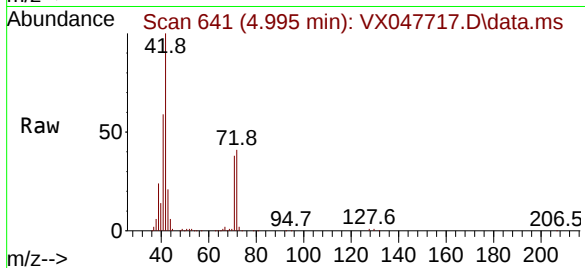
Tgt Ion: 42 Resp: 215954

Ion Ratio Lower Upper

42 100

72 43.7 34.2 51.2

71 40.0 31.9 47.9



#30

Chloroform

Concen: 51.979 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.000 min

Lab File: VX047717.D

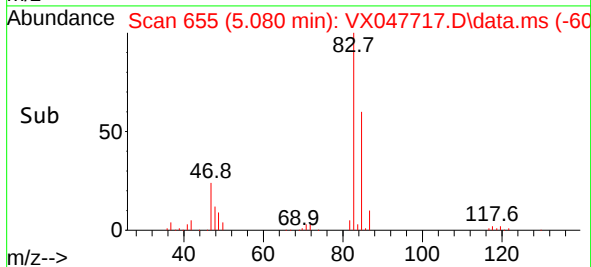
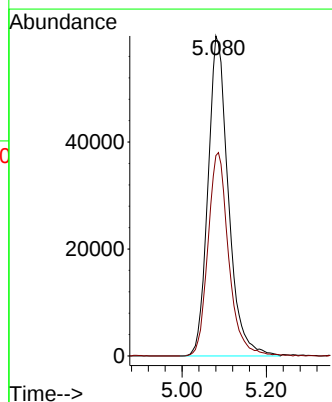
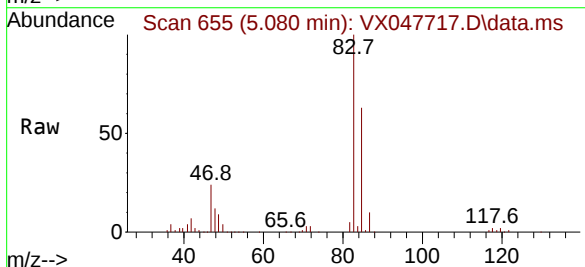
Acq: 22 Sep 2025 19:40

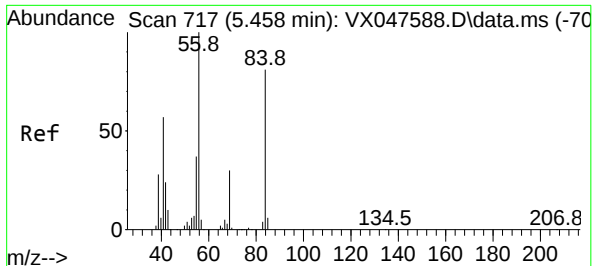
Tgt Ion: 83 Resp: 200652

Ion Ratio Lower Upper

83 100

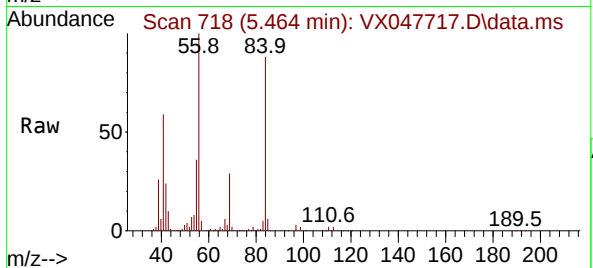
85 62.6 51.8 77.6





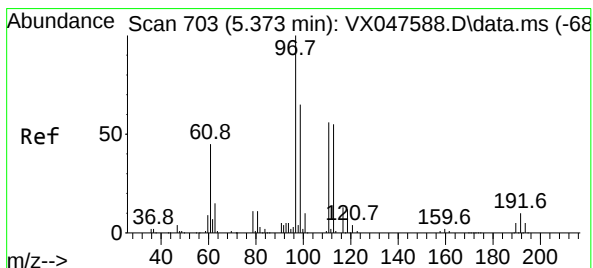
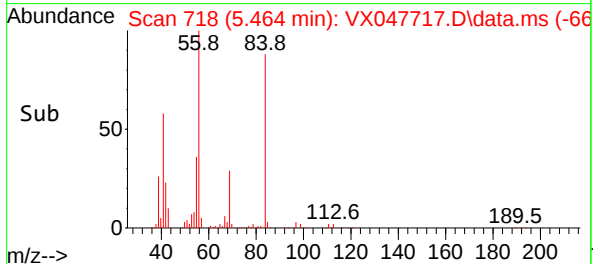
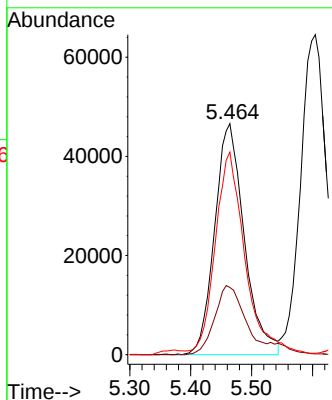
#31  
Cyclohexane  
Concen: 49.517 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 157545

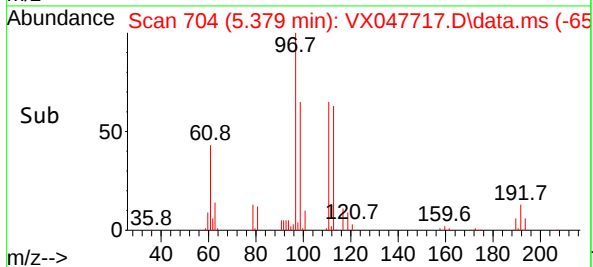
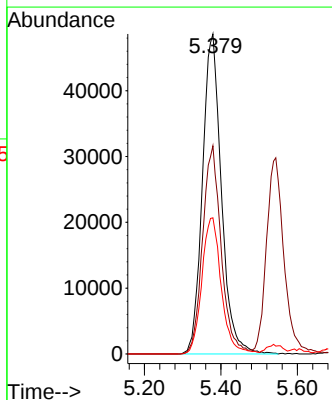
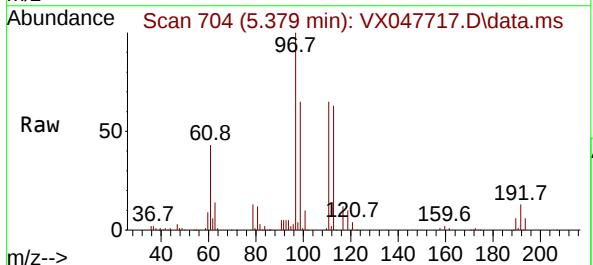
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 28.7  | 23.8  | 35.8  |
| 84  | 86.0  | 64.6  | 97.0  |

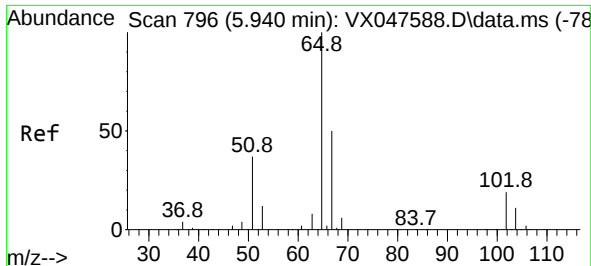


#32  
1,1,1-Trichloroethane  
Concen: 51.085 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 97 Resp: 167268

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.8  | 50.6  | 76.0  |
| 61  | 43.6  | 35.8  | 53.8  |





#33

1,2-Dichloroethane-d4

Concen: 54.742 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

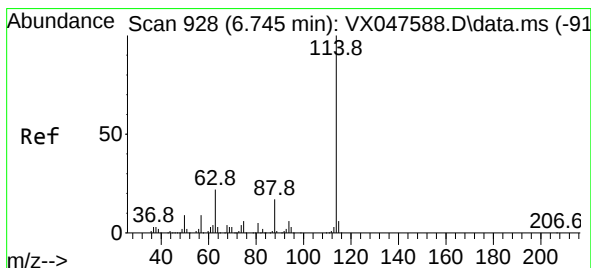
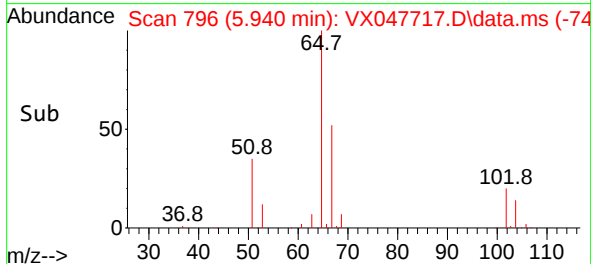
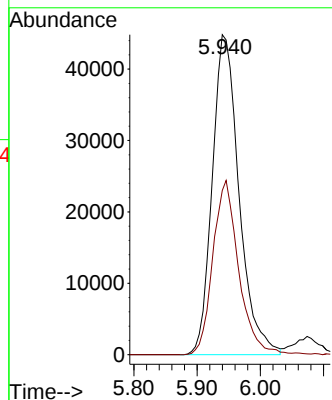
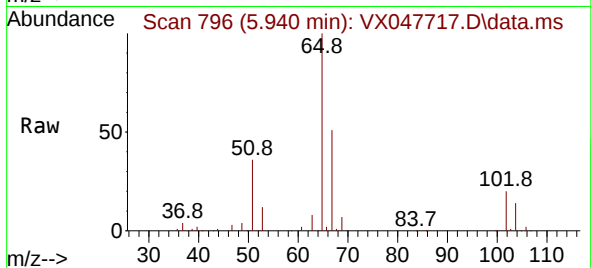
VSTDCCC050EC

Tgt Ion: 65 Resp: 131803

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

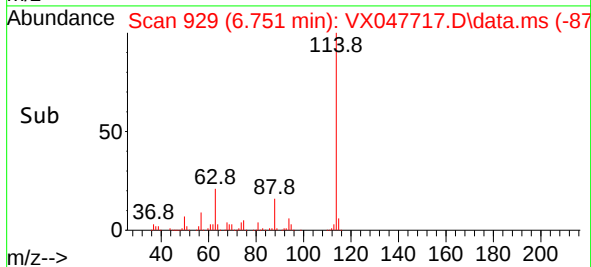
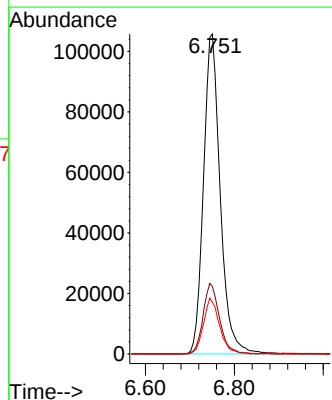
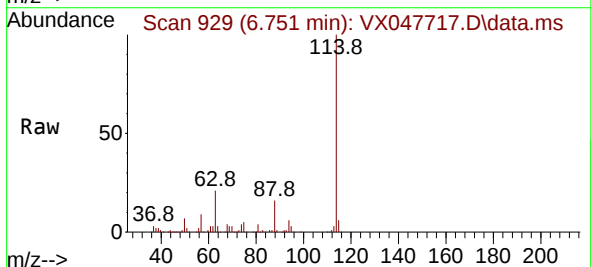
Tgt Ion: 114 Resp: 277250

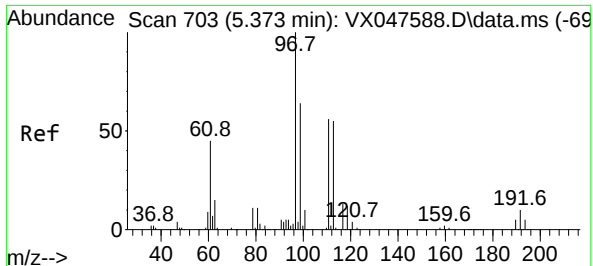
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

88 16.2 0.0 34.2

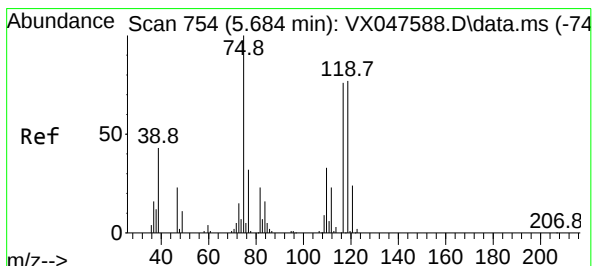
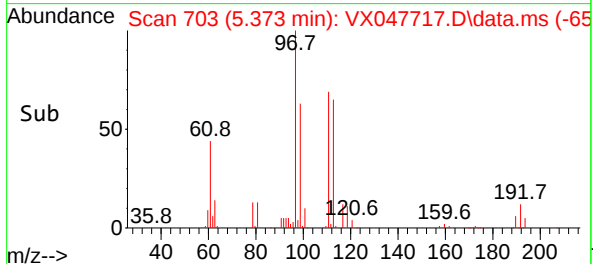
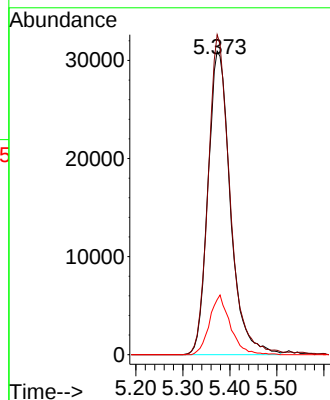
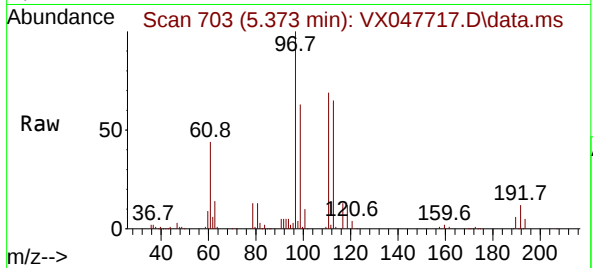




#35  
Dibromofluoromethane  
Concen: 55.097 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

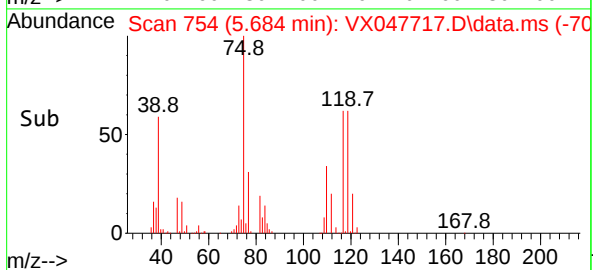
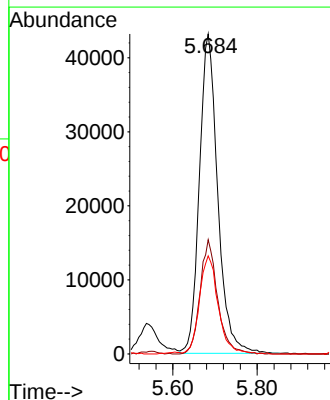
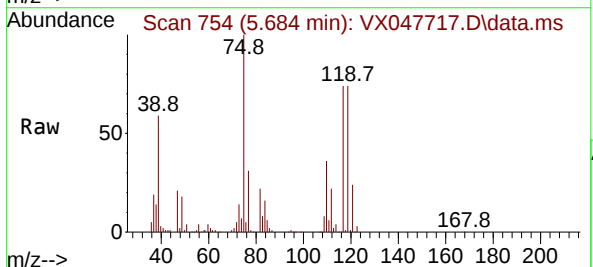
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

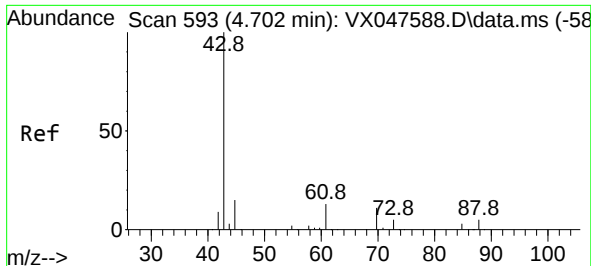
Tgt Ion:113 Resp: 102447  
Ion Ratio Lower Upper  
113 100  
111 103.0 80.9 121.3  
192 18.3 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 48.007 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 75 Resp: 130436  
Ion Ratio Lower Upper  
75 100  
110 34.3 16.7 50.1  
77 30.9 24.3 36.5





#37

Ethyl Acetate

Concen: 50.836 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

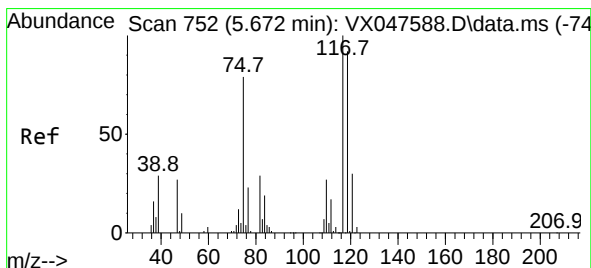
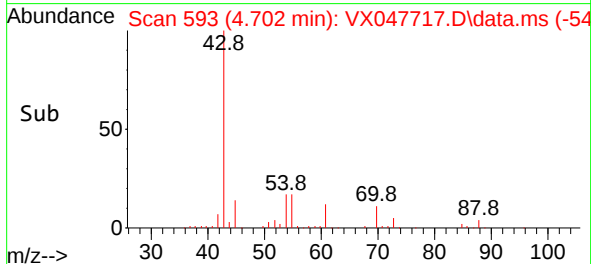
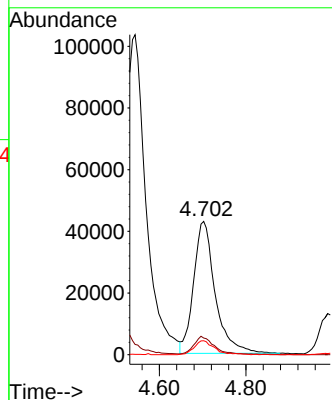
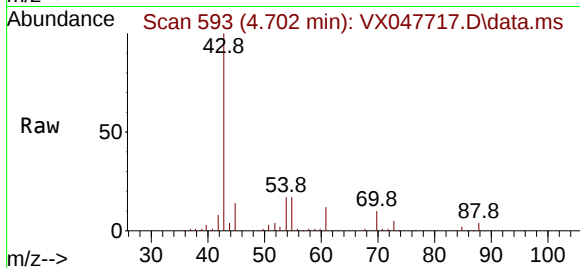
Tgt Ion: 43 Resp: 147890

Ion Ratio Lower Upper

43 100

61 13.5 9.8 14.8

70 9.9 7.9 11.9



#38

Carbon Tetrachloride

Concen: 47.209 ug/l

RT: 5.665 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

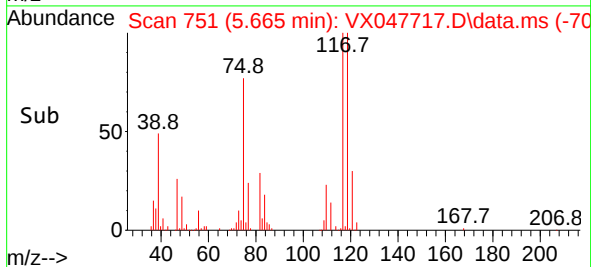
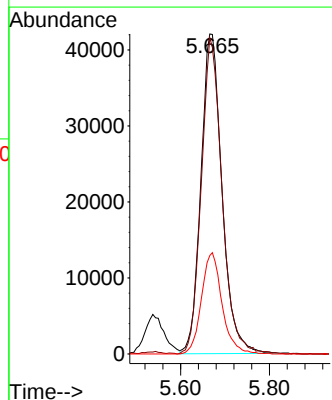
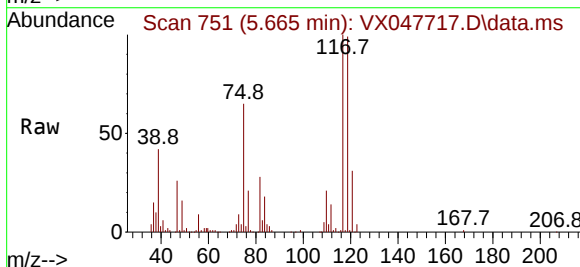
Tgt Ion: 117 Resp: 139363

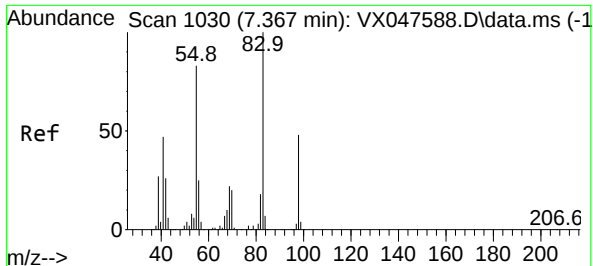
Ion Ratio Lower Upper

117 100

119 98.8 73.4 110.2

121 30.8 23.8 35.6





#39

Methylcyclohexane

Concen: 48.510 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

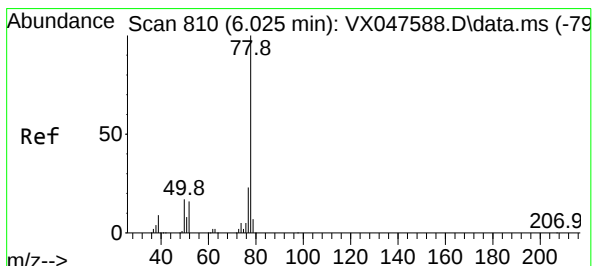
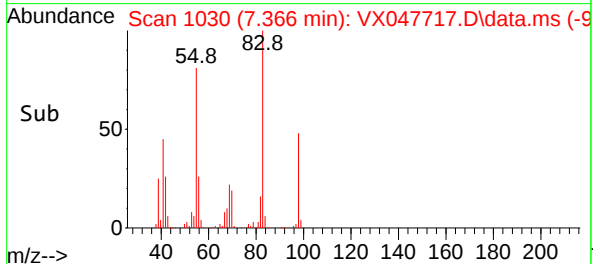
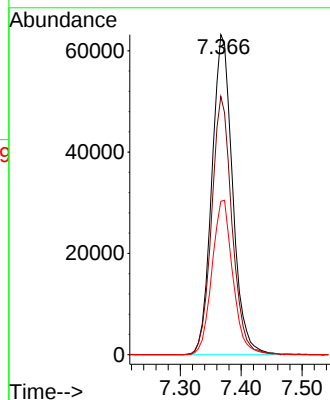
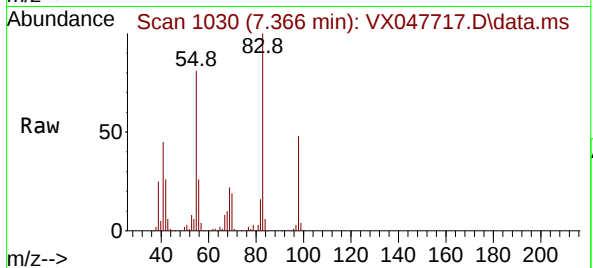
Tgt Ion: 83 Resp: 149612

Ion Ratio Lower Upper

83 100

55 80.7 66.4 99.6

98 48.0 38.1 57.1



#40

Benzene

Concen: 50.844 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX047717.D

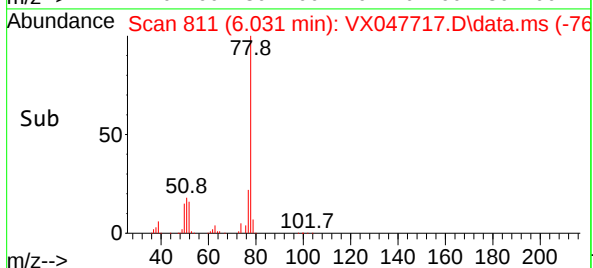
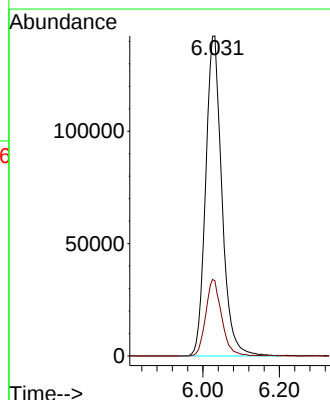
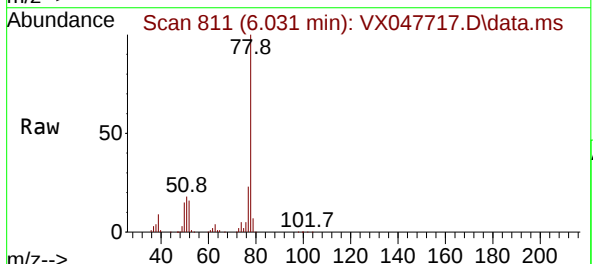
Acq: 22 Sep 2025 19:40

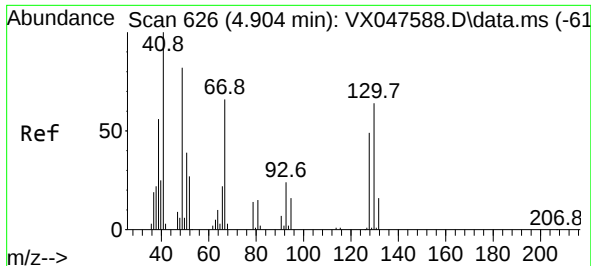
Tgt Ion: 78 Resp: 419576

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

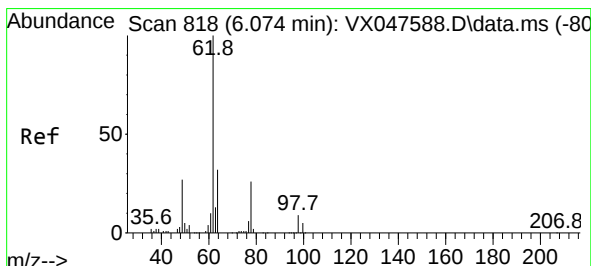
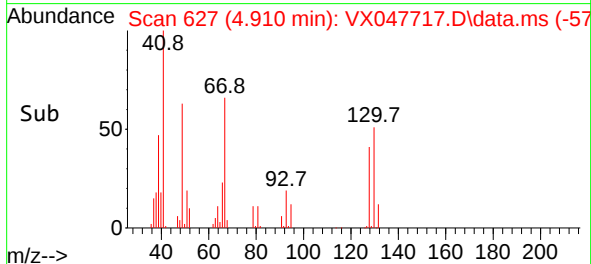
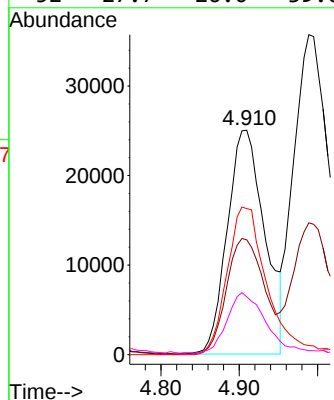
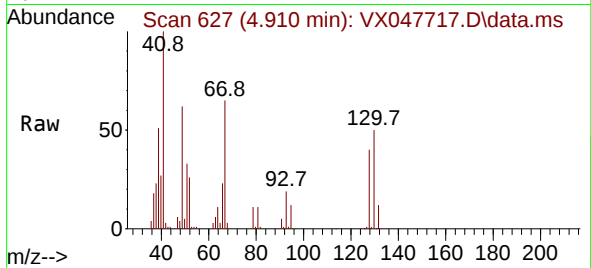




#41  
Methacrylonitrile  
Concen: 55.388 ug/l  
RT: 4.910 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

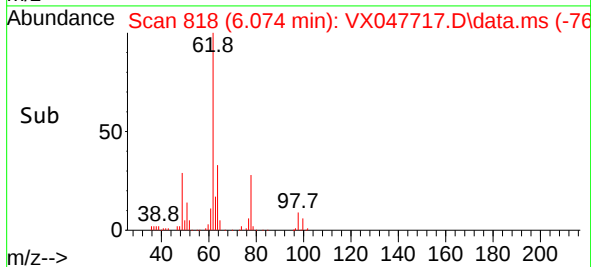
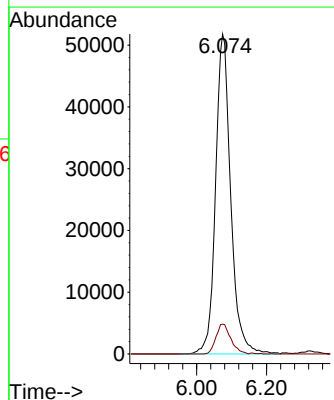
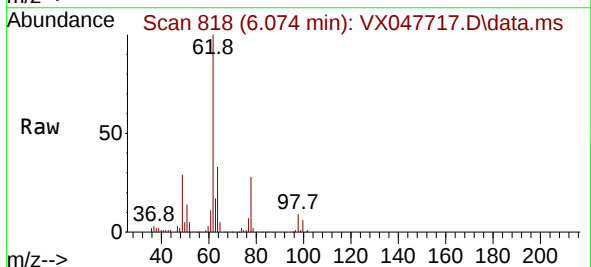
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

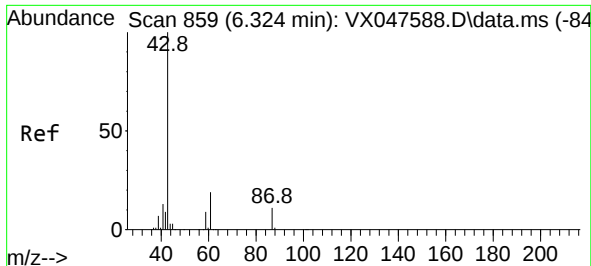
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 83185 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 50.9  | 43.3  | 64.9  |
| 67       | 71.8  | 58.6  | 87.8  |
| 52       | 27.7  | 26.0  | 39.0  |



#42  
1,2-Dichloroethane  
Concen: 49.515 ug/l  
RT: 6.074 min Scan# 818  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 155471 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.1   | 0.0   | 17.0   |

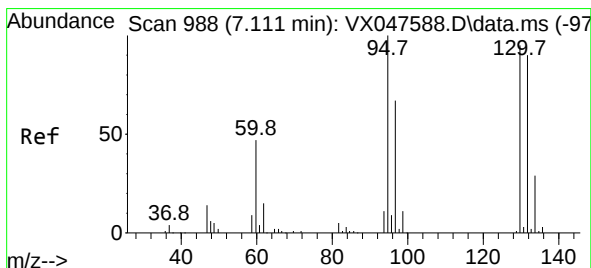
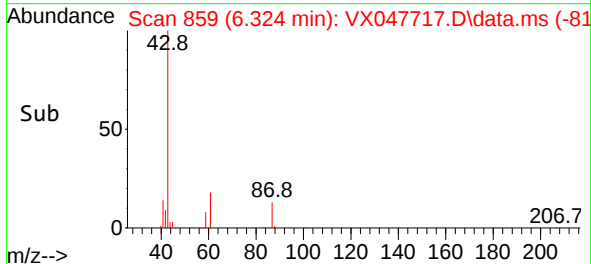
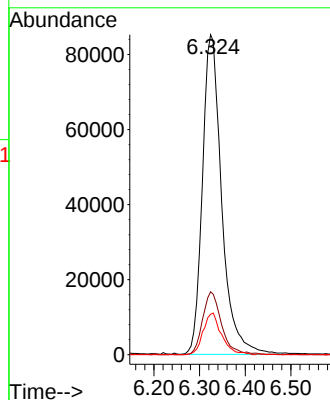
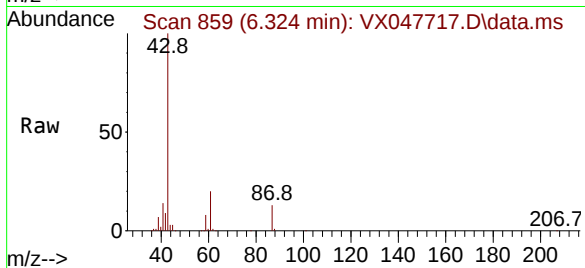




#43  
Isopropyl Acetate  
Concen: 52.355 ug/l  
RT: 6.324 min Scan# 859  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

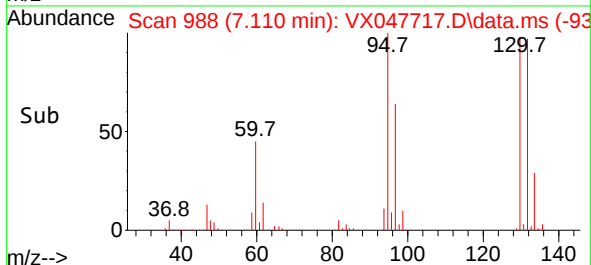
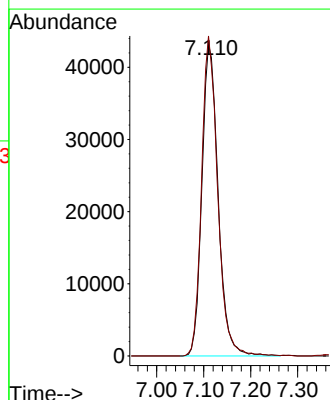
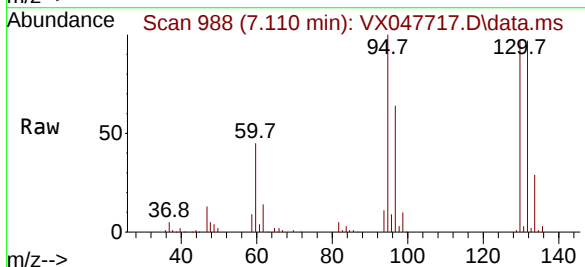
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

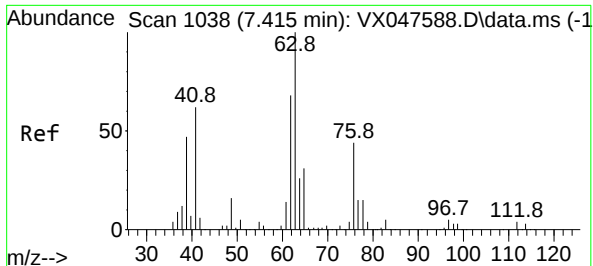
Tgt Ion: 43 Resp: 249793  
Ion Ratio Lower Upper  
43 100  
61 19.4 15.2 22.8  
87 12.3 9.6 14.4



#44  
Trichloroethene  
Concen: 52.011 ug/l  
RT: 7.110 min Scan# 988  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion:130 Resp: 103766  
Ion Ratio Lower Upper  
130 100  
95 102.6 0.0 210.8





#45

1,2-Dichloropropane

Concen: 51.582 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

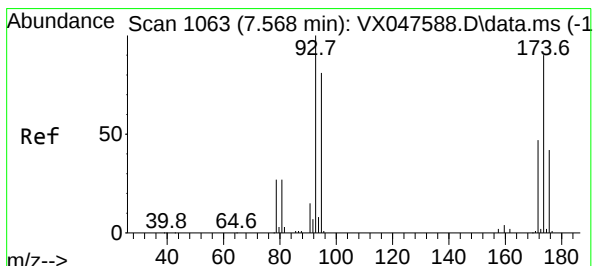
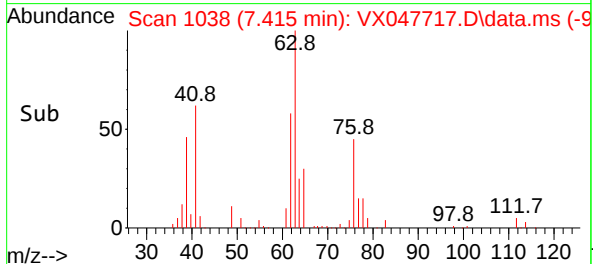
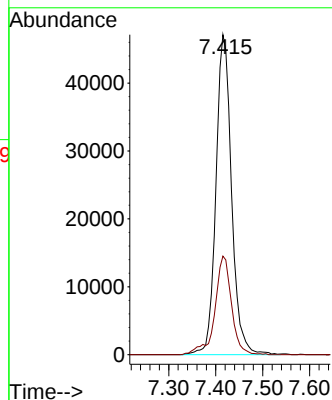
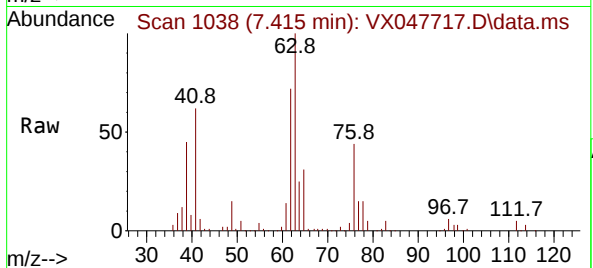
VSTDCCC050EC

Tgt Ion: 63 Resp: 108998

Ion Ratio Lower Upper

63 100

65 30.8 24.7 37.1



#46

Dibromomethane

Concen: 51.526 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

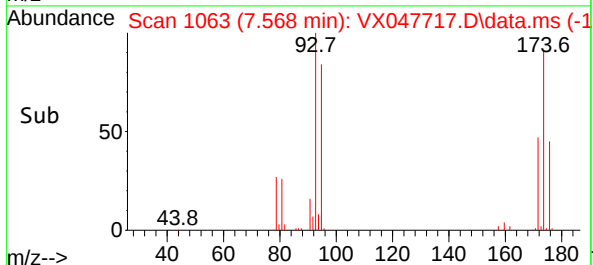
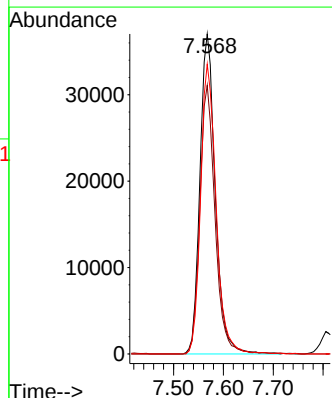
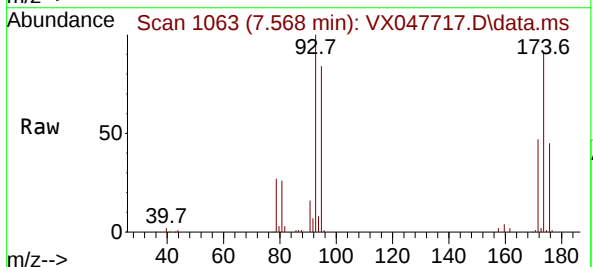
Tgt Ion: 93 Resp: 79231

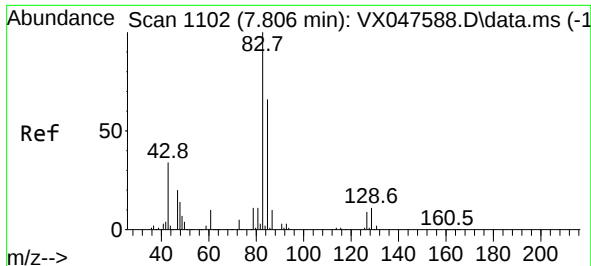
Ion Ratio Lower Upper

93 100

95 82.8 65.0 97.6

174 91.4 71.6 107.4

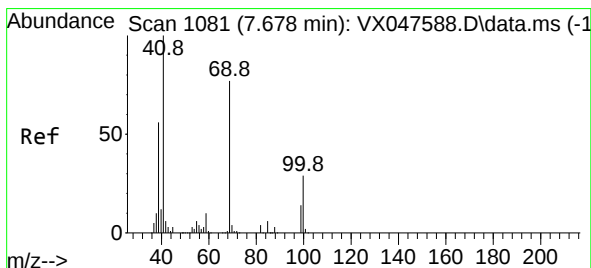
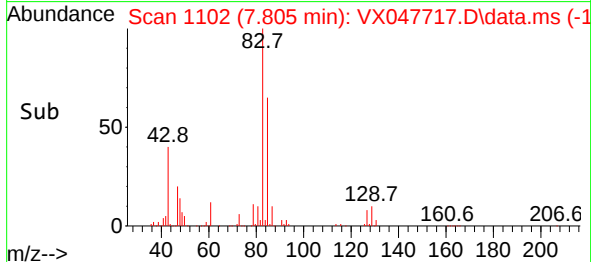
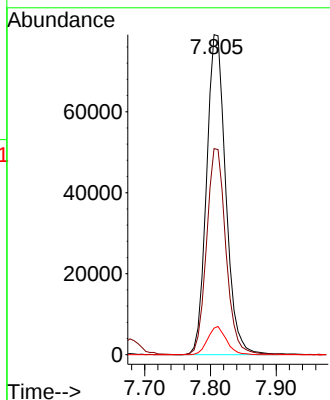
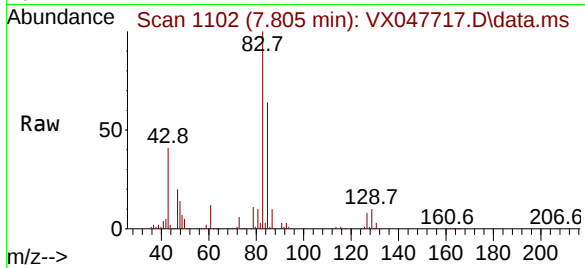




#47  
Bromodichloromethane  
Concen: 50.680 ug/l  
RT: 7.805 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

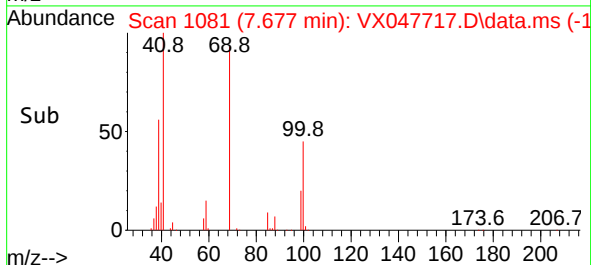
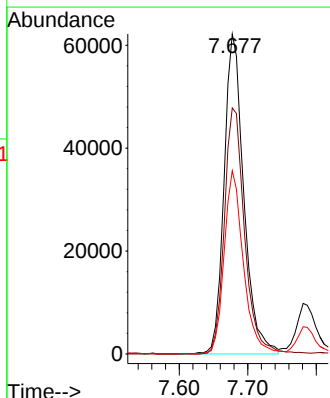
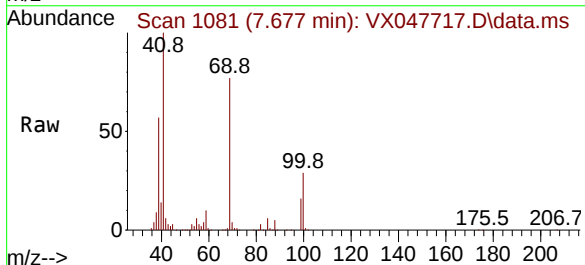
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

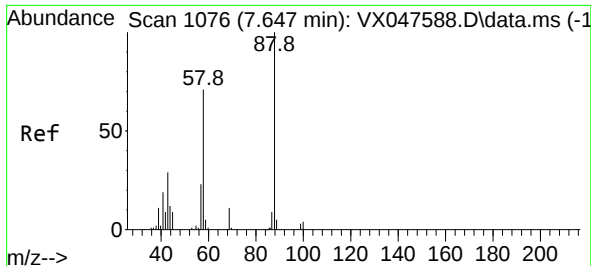
Tgt Ion: 83 Resp: 160815  
Ion Ratio Lower Upper  
83 100  
85 64.4 52.5 78.7  
127 8.3 6.9 10.3



#48  
Methyl methacrylate  
Concen: 52.179 ug/l  
RT: 7.677 min Scan# 1081  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 41 Resp: 124008  
Ion Ratio Lower Upper  
41 100  
69 79.0 61.4 92.2  
39 56.1 45.8 68.6





#49

1,4-Dioxane

Concen: 1328.639 ug/l

RT: 7.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

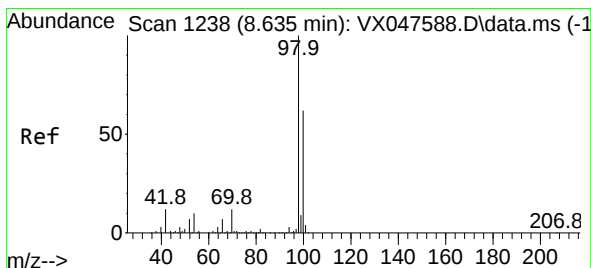
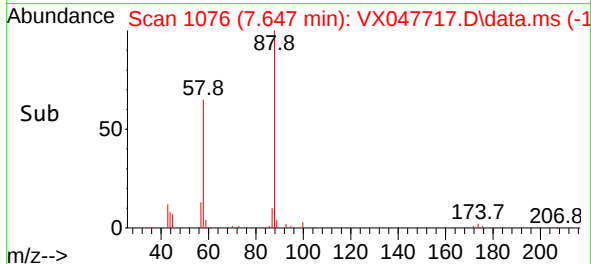
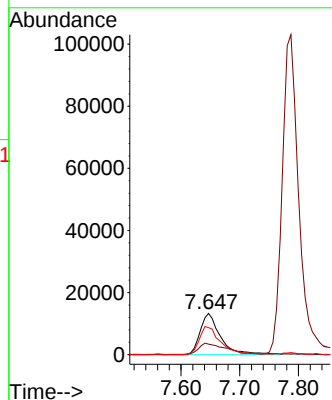
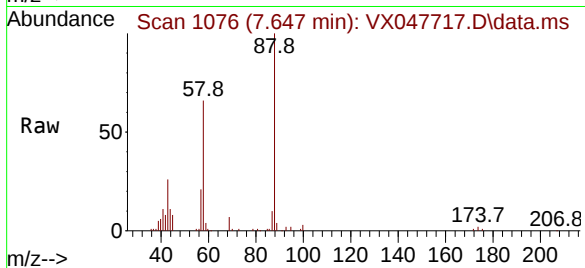
Tgt Ion: 88 Resp: 31911

Ion Ratio Lower Upper

88 100

43 35.9 30.2 45.2

58 71.9 59.5 89.3



#50

Toluene-d8

Concen: 54.996 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047717.D

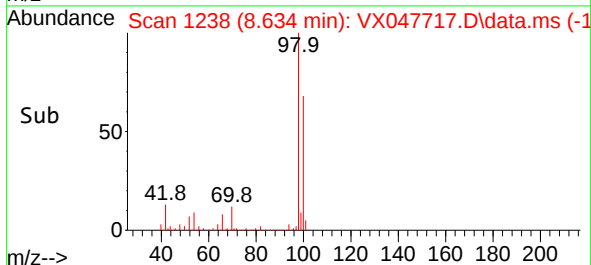
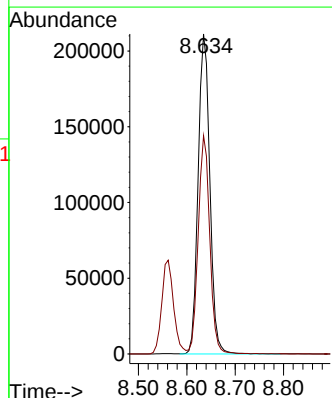
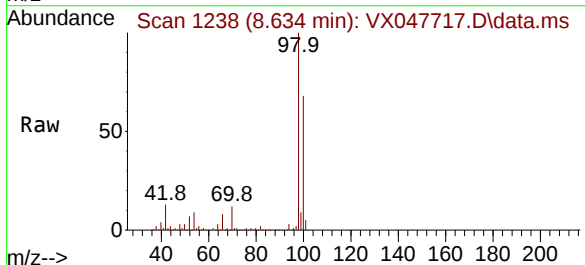
Acq: 22 Sep 2025 19:40

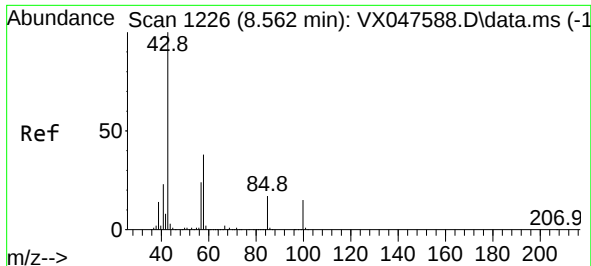
Tgt Ion: 98 Resp: 353835

Ion Ratio Lower Upper

98 100

100 67.3 53.0 79.4

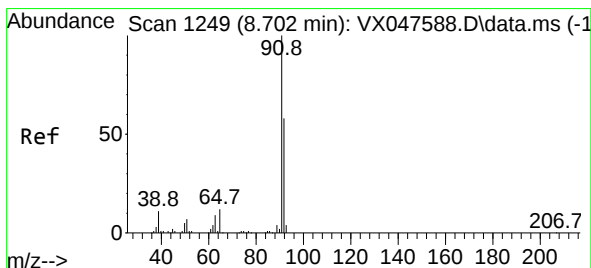
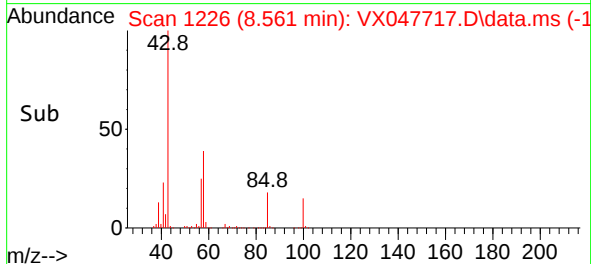
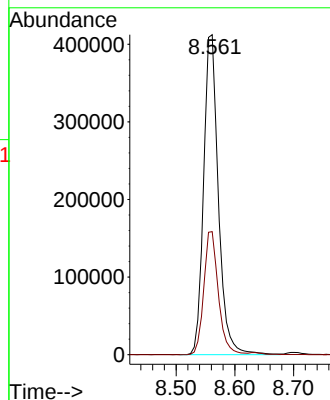
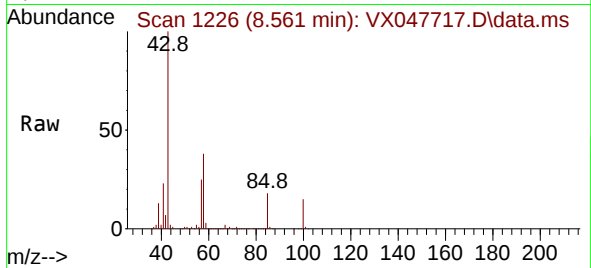




#51  
4-Methyl-2-Pentanone  
Concen: 272.732 ug/l  
RT: 8.561 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

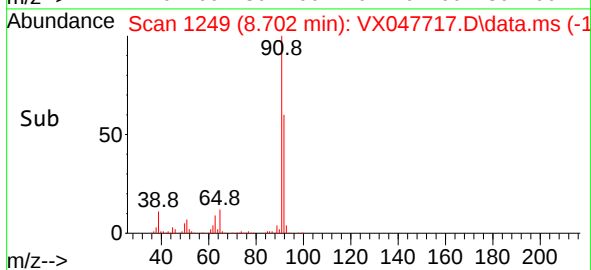
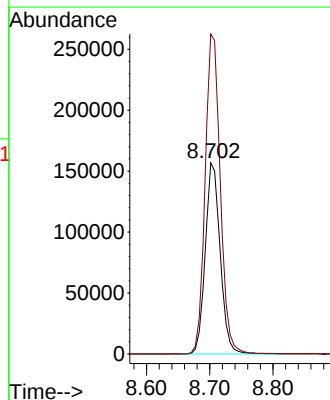
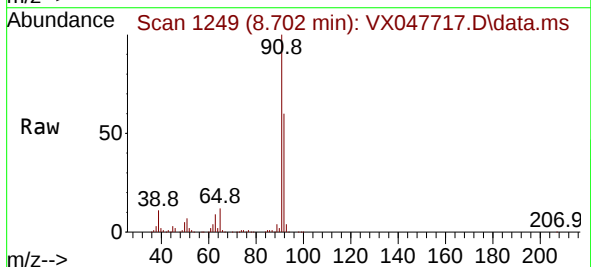
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

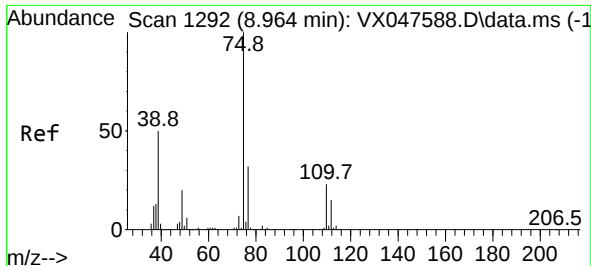
Tgt Ion: 43 Resp: 721472  
Ion Ratio Lower Upper  
43 100  
58 38.0 30.3 45.5



#52  
Toluene  
Concen: 50.554 ug/l  
RT: 8.702 min Scan# 1249  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 92 Resp: 257025  
Ion Ratio Lower Upper  
92 100  
91 170.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 51.028 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

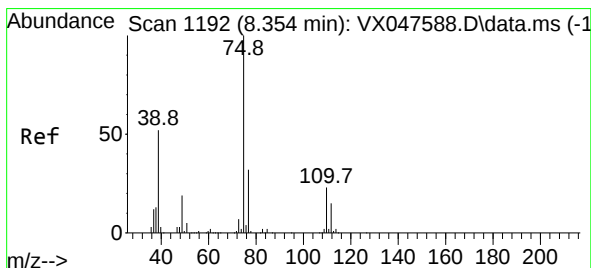
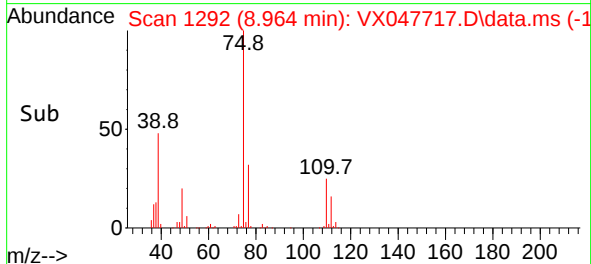
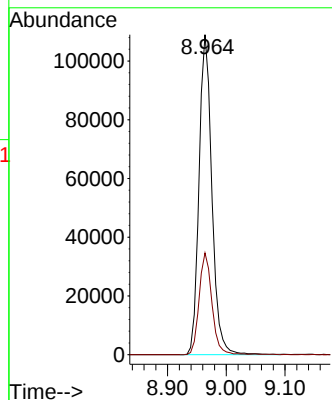
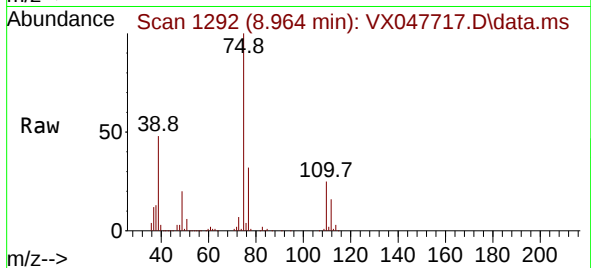
VSTDCCC050EC

Tgt Ion: 75 Resp: 165158

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.038 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

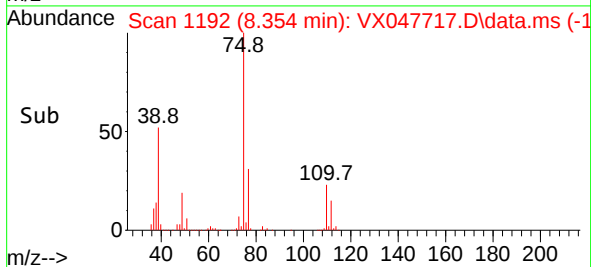
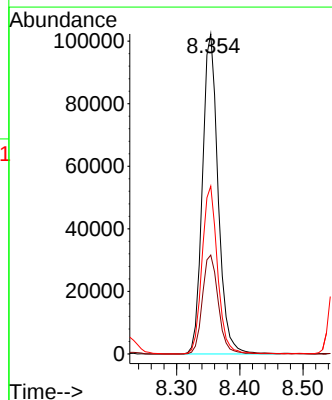
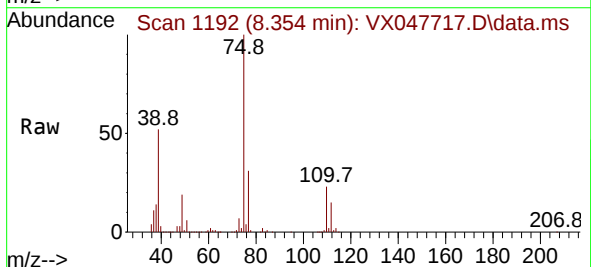
Tgt Ion: 75 Resp: 176564

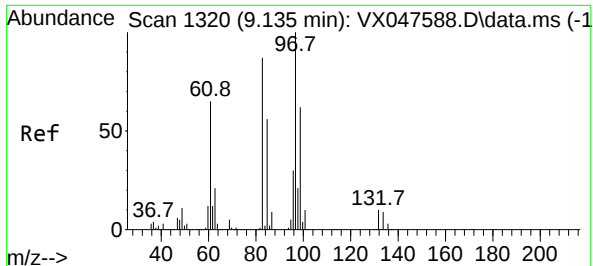
Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6

39 52.4 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 52.227 ug/l

RT: 9.134 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 102388

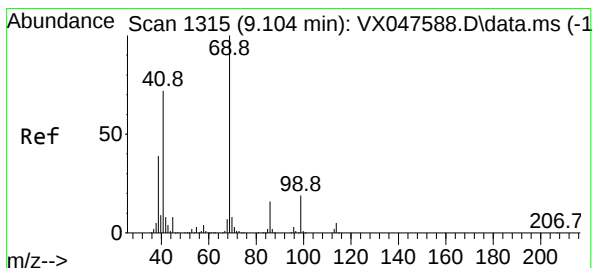
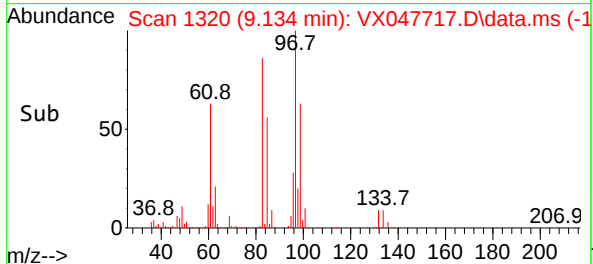
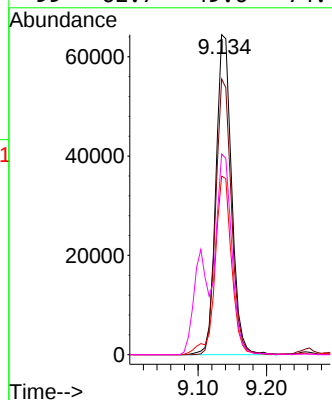
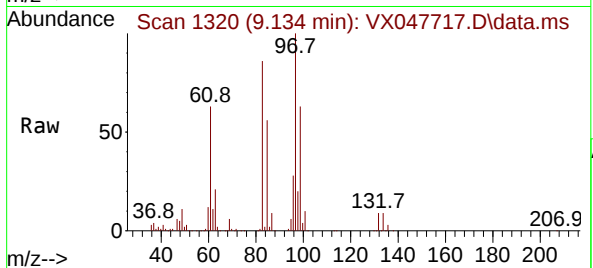
Ion Ratio Lower Upper

97 100

83 86.1 69.6 104.4

85 55.8 45.0 67.6

99 62.7 49.6 74.4



#56

Ethyl methacrylate

Concen: 54.080 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

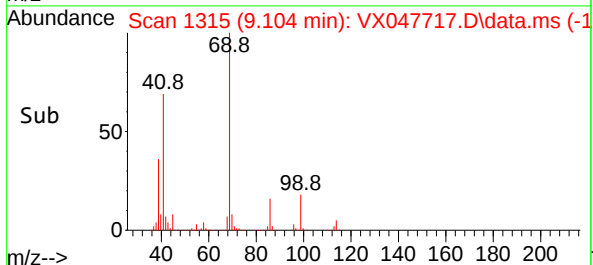
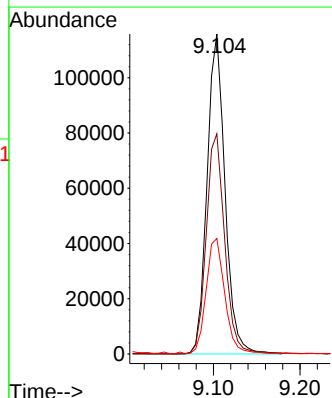
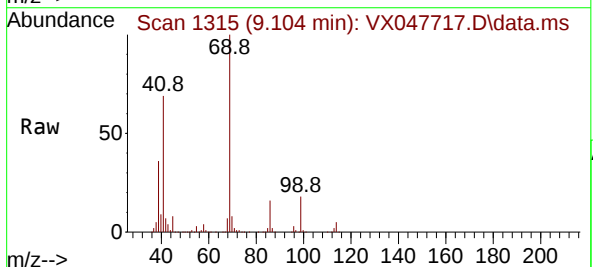
Tgt Ion: 69 Resp: 166501

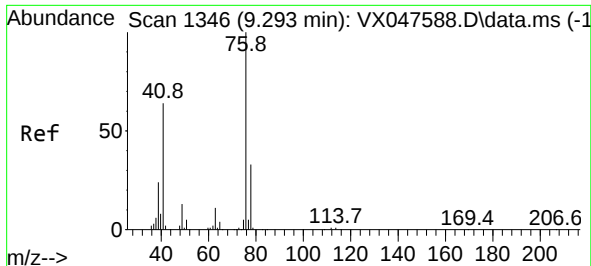
Ion Ratio Lower Upper

69 100

41 71.1 58.6 87.8

39 37.8 31.5 47.3

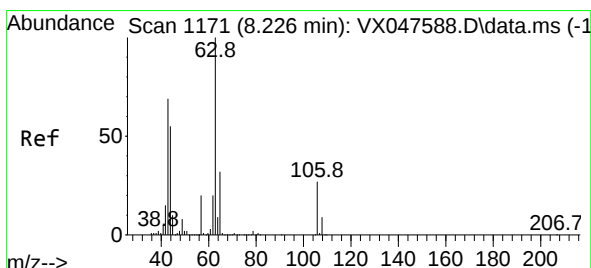
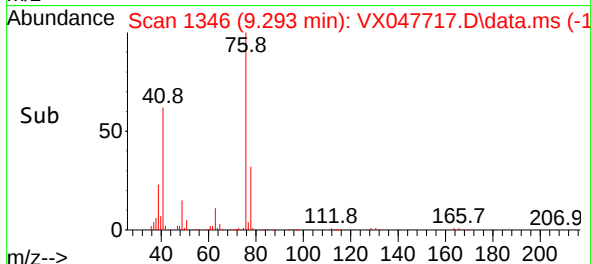
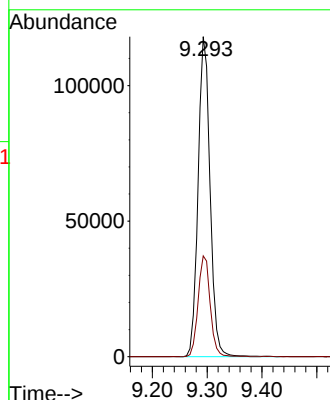
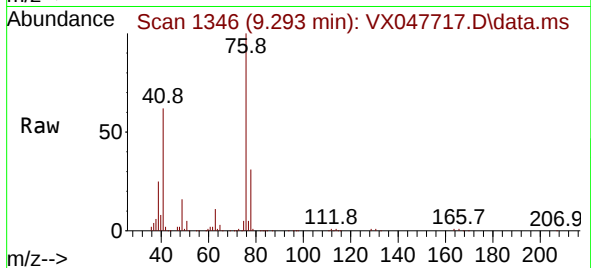




#57  
1,3-Dichloropropane  
Concen: 53.280 ug/l  
RT: 9.293 min Scan# 11346  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

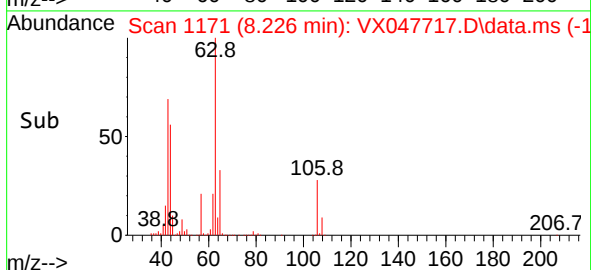
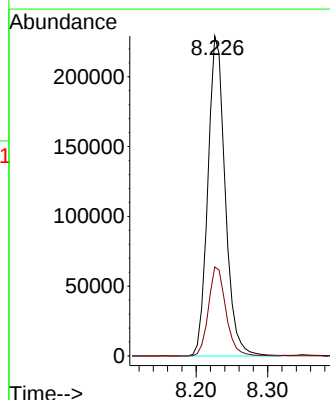
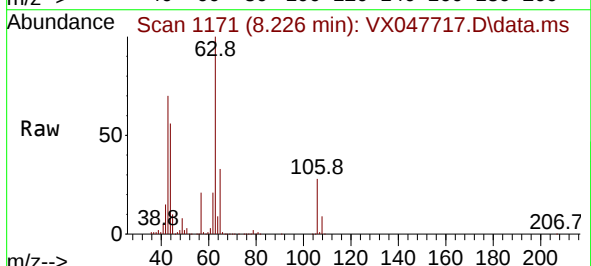
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

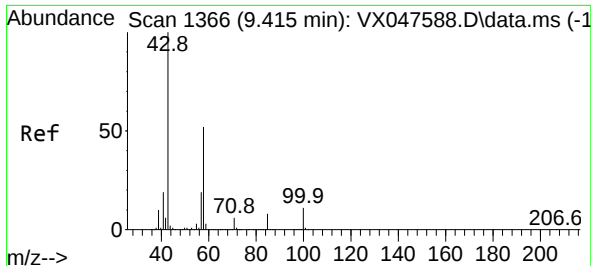
Tgt Ion: 76 Resp: 179432  
Ion Ratio Lower Upper  
76 100  
78 31.8 26.2 39.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 261.171 ug/l  
RT: 8.226 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 63 Resp: 385340  
Ion Ratio Lower Upper  
63 100  
106 28.1 21.9 32.9

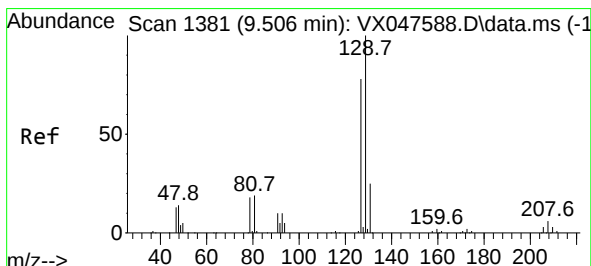
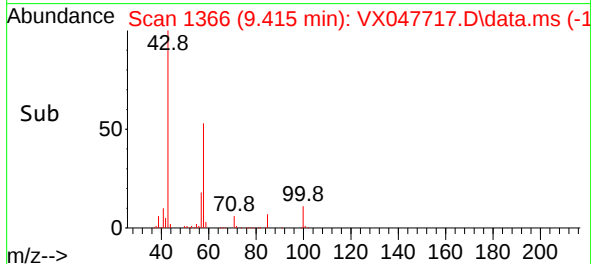
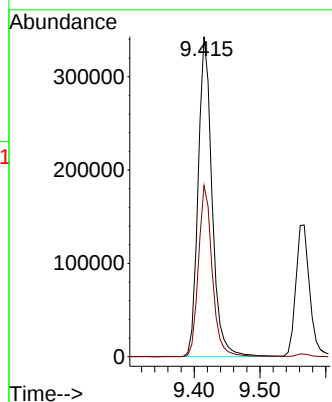
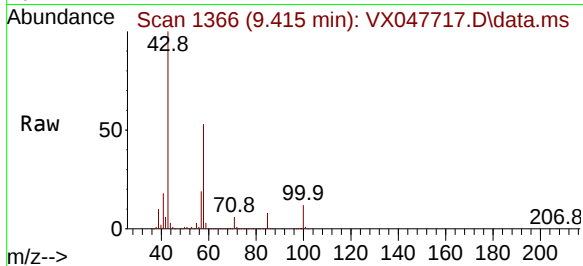




#59  
2-Hexanone  
Concen: 265.041 ug/l  
RT: 9.415 min Scan# 1366  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

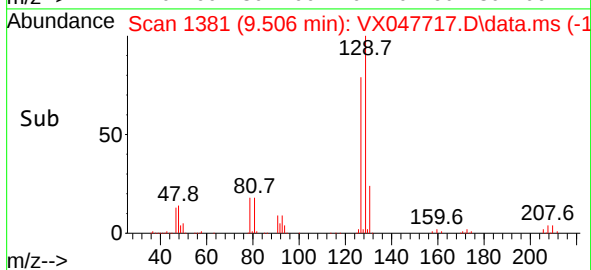
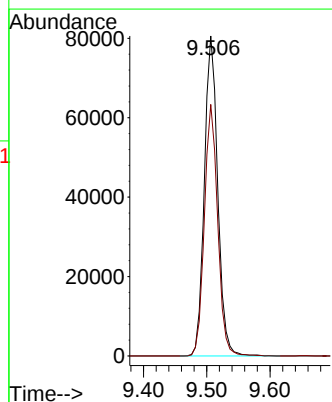
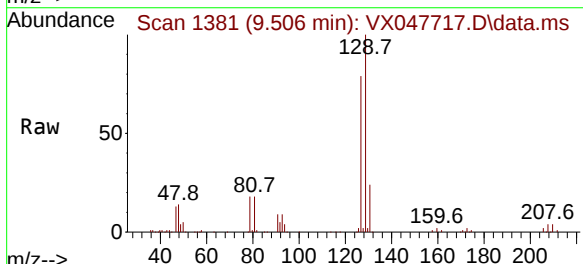
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

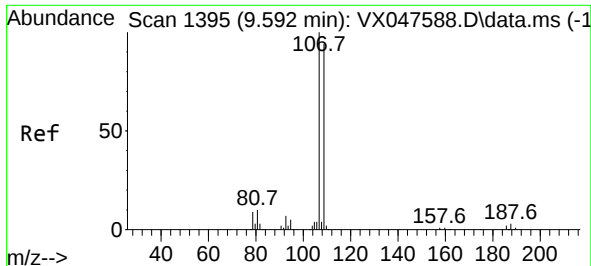
Tgt Ion: 43 Resp: 503551  
Ion Ratio Lower Upper  
43 100  
58 53.1 26.1 78.2



#60  
Dibromochloromethane  
Concen: 52.563 ug/l  
RT: 9.506 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 129 Resp: 118732  
Ion Ratio Lower Upper  
129 100  
127 78.6 38.4 115.2

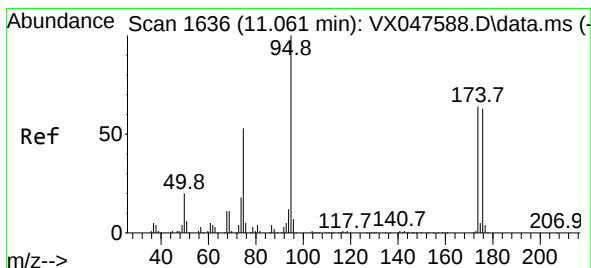
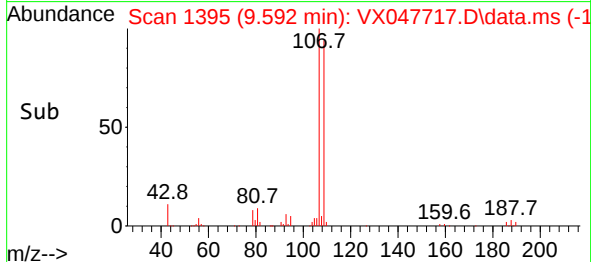
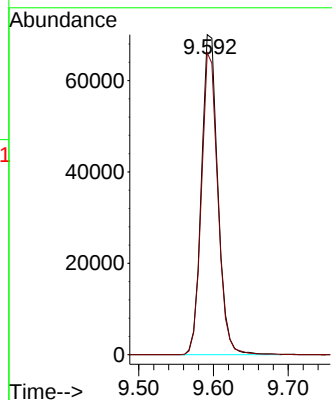
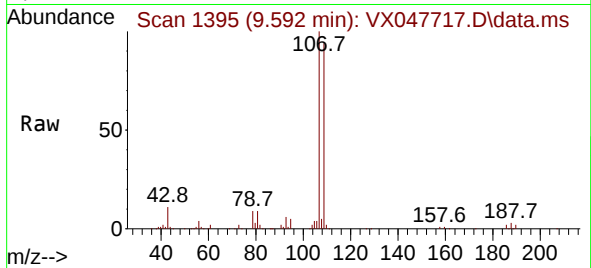




#61  
1,2-Dibromoethane  
Concen: 53.678 ug/l  
RT: 9.592 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

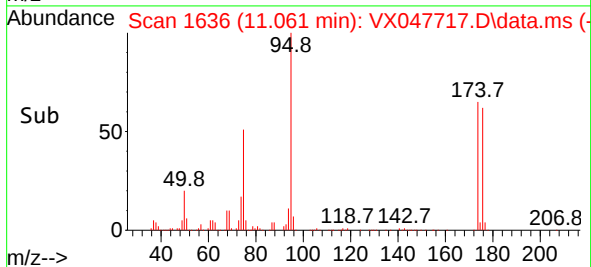
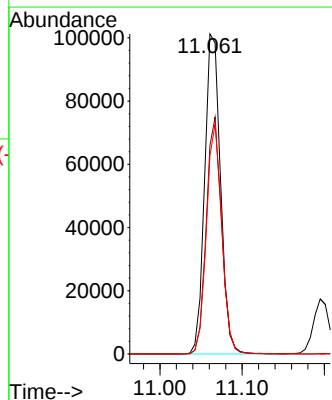
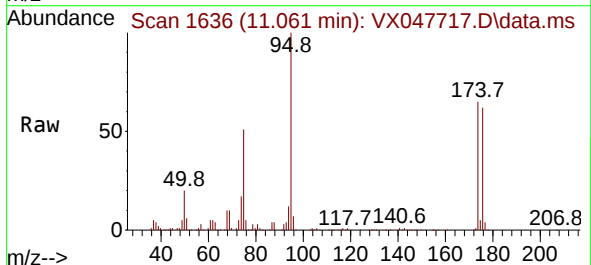
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

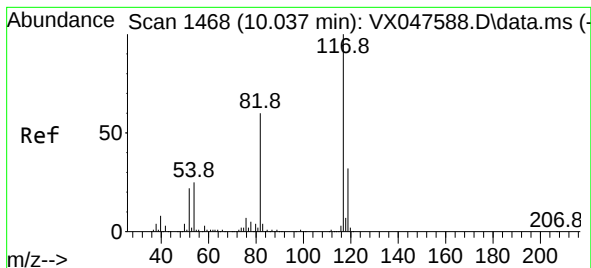
Tgt Ion:107 Resp: 107185  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 55.527 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 95 Resp: 135585  
Ion Ratio Lower Upper  
95 100  
174 71.6 0.0 141.6  
176 69.8 0.0 138.4

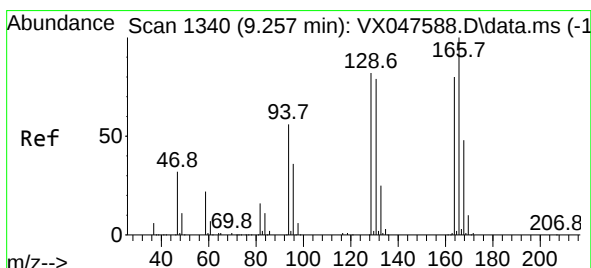
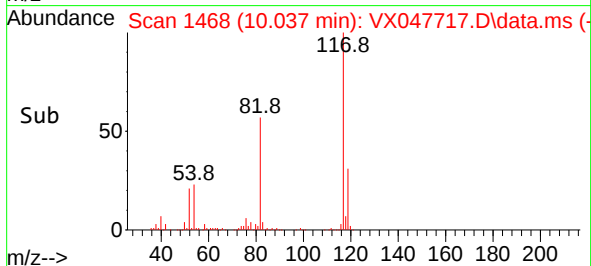
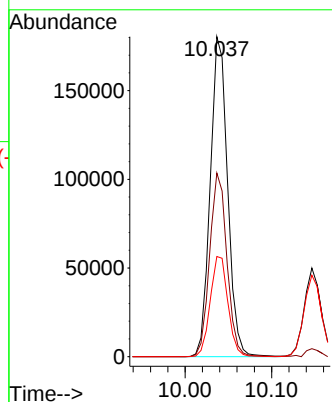
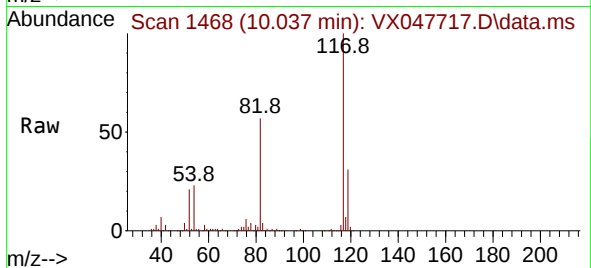




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

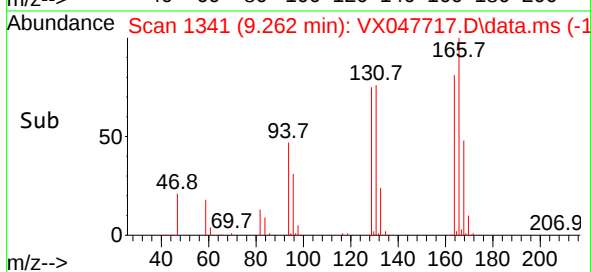
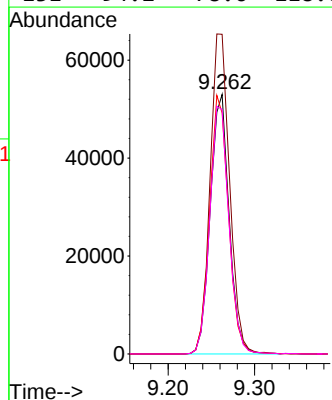
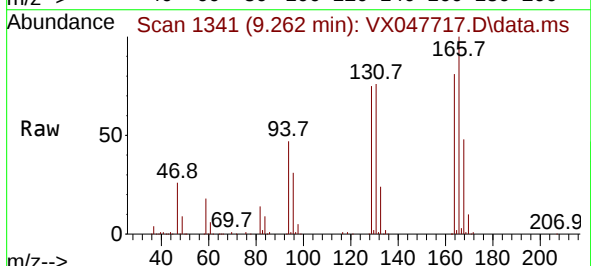
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

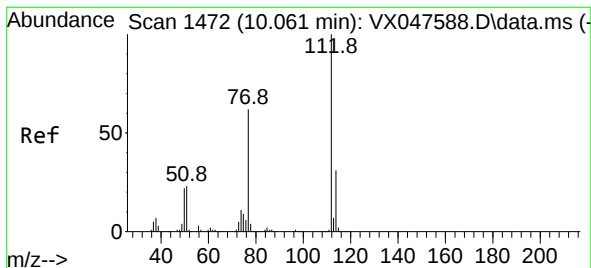
Tgt Ion:117 Resp: 250939  
Ion Ratio Lower Upper  
117 100  
82 57.4 47.8 71.6  
119 31.3 25.2 37.8



#64  
Tetrachloroethene  
Concen: 48.896 ug/l  
RT: 9.262 min Scan# 1341  
Delta R.T. 0.006 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion:164 Resp: 79987  
Ion Ratio Lower Upper  
164 100  
166 123.2 100.2 150.2  
129 92.9 81.8 122.6  
131 94.2 78.6 118.0





#65

Chlorobenzene

Concen: 50.265 ug/l

RT: 10.067 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

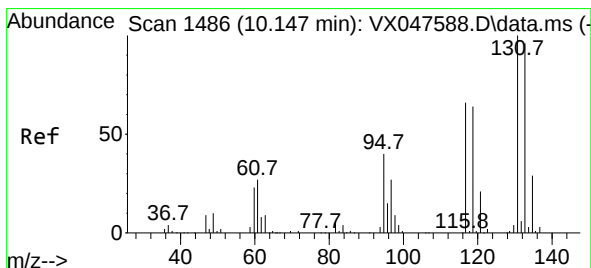
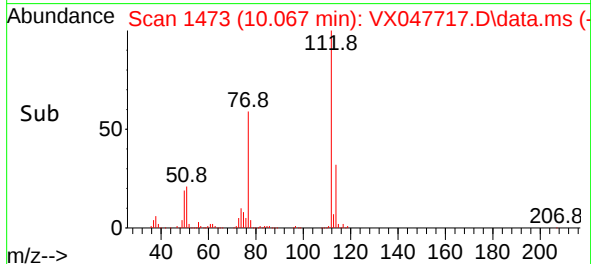
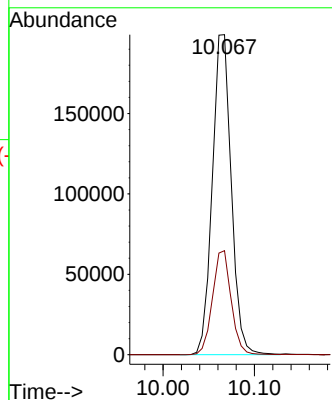
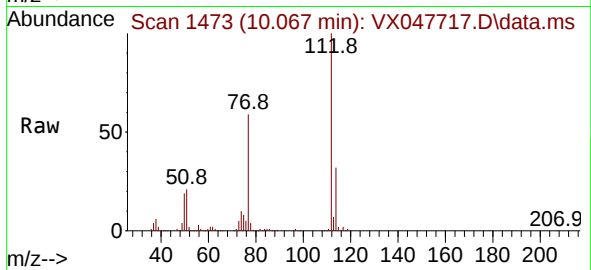
VSTDCCC050EC

Tgt Ion:112 Resp: 286551

Ion Ratio Lower Upper

112 100

114 32.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 50.451 ug/l

RT: 10.146 min Scan# 1486

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

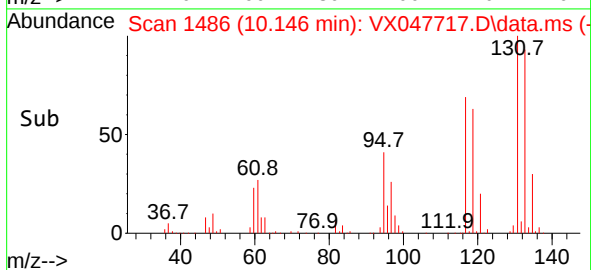
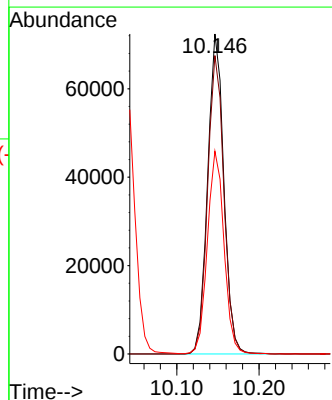
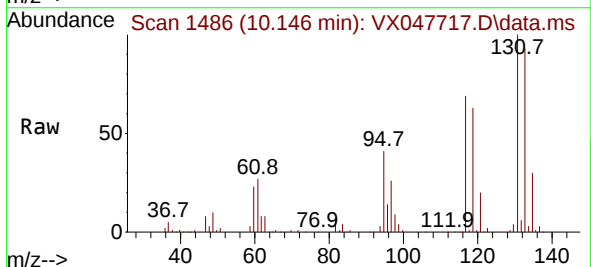
Tgt Ion:131 Resp: 99248

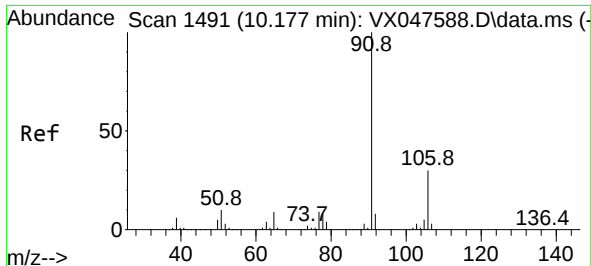
Ion Ratio Lower Upper

131 100

133 94.0 47.3 142.0

119 65.1 32.0 96.0





#67

Ethyl Benzene

Concen: 49.786 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

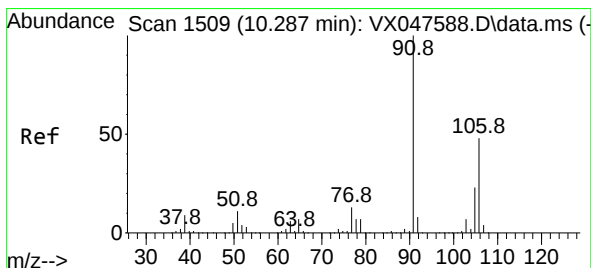
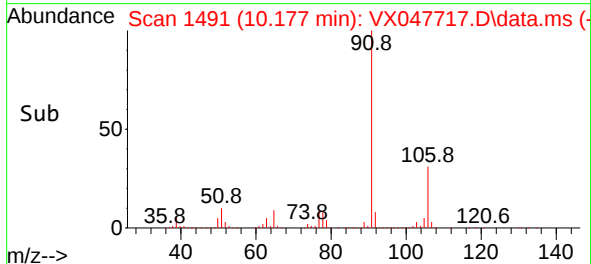
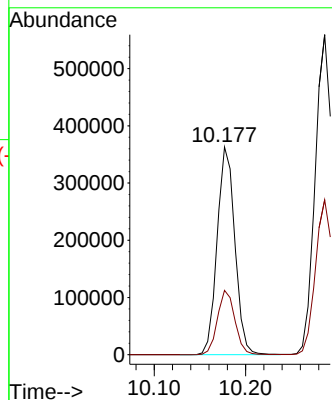
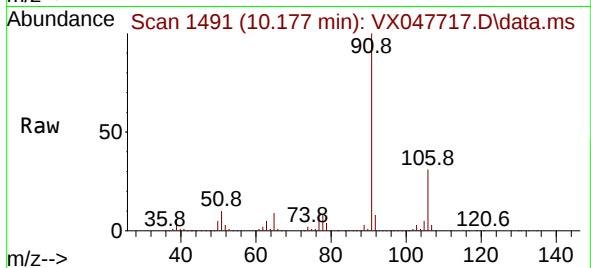
VSTDCCC050EC

Tgt Ion: 91 Resp: 489716

Ion Ratio Lower Upper

91 100

106 31.0 24.3 36.5



#68

m/p-Xylenes

Concen: 100.842 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX047717.D

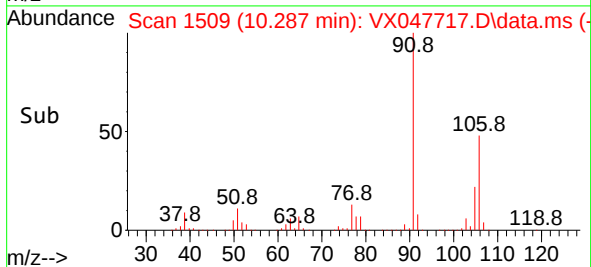
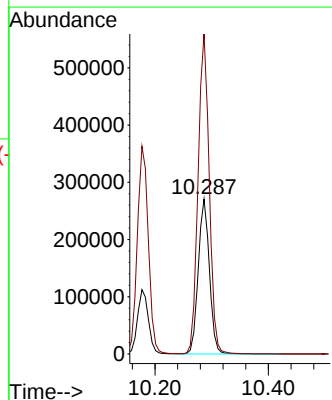
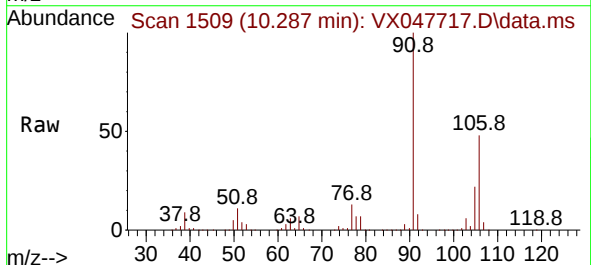
Acq: 22 Sep 2025 19:40

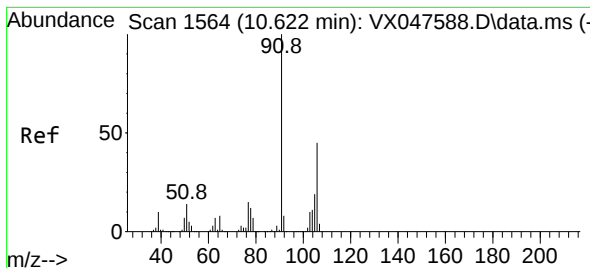
Tgt Ion:106 Resp: 369200

Ion Ratio Lower Upper

106 100

91 206.6 167.8 251.8





#69

o-Xylene

Concen: 50.827 ug/l

RT: 10.628 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

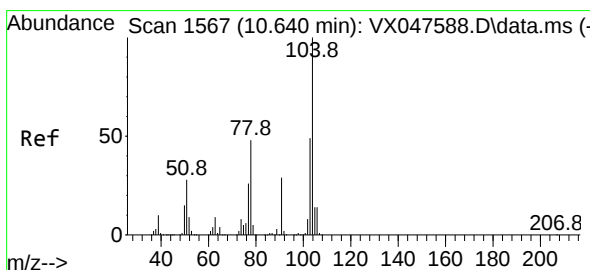
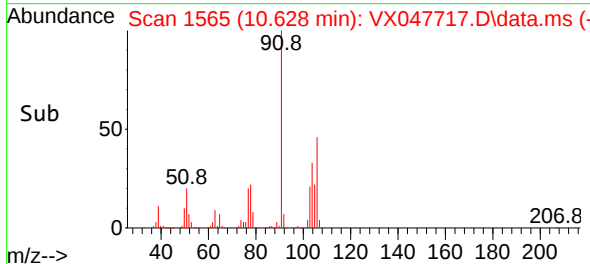
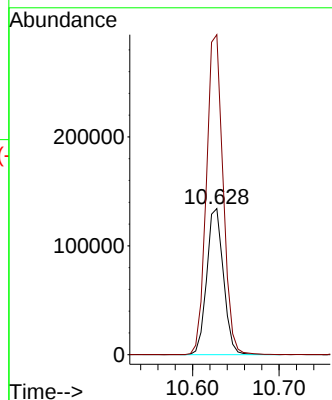
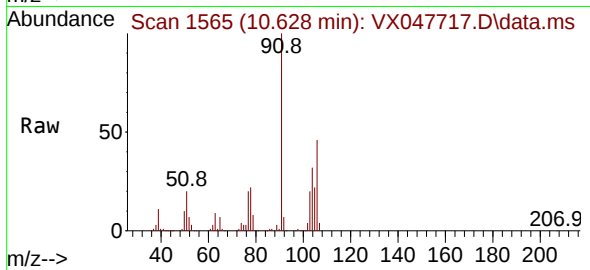
VSTDCCC050EC

Tgt Ion:106 Resp: 179991

Ion Ratio Lower Upper

106 100

91 218.4 111.1 333.4



#70

Styrene

Concen: 51.041 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

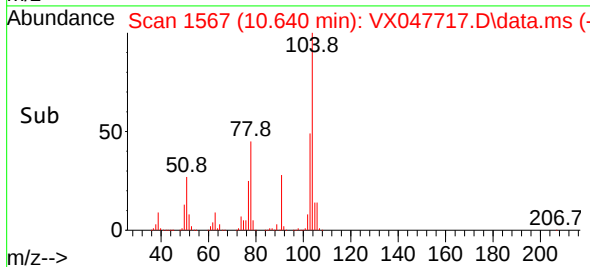
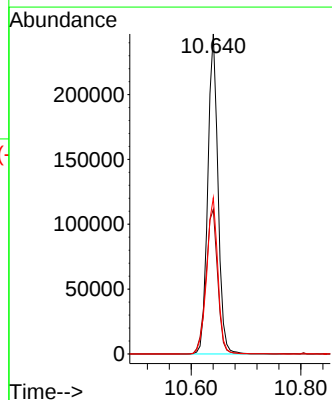
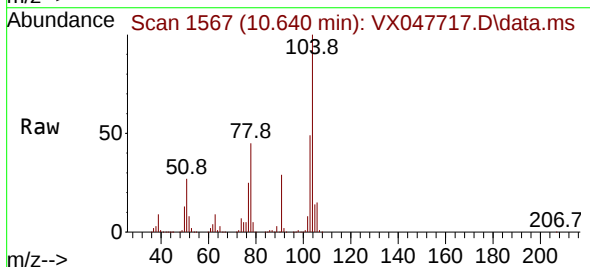
Tgt Ion:104 Resp: 316706

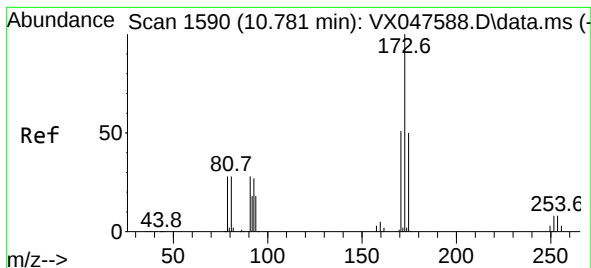
Ion Ratio Lower Upper

104 100

78 52.0 43.1 64.7

103 53.5 43.1 64.7





#71

Bromoform

Concen: 51.349 ug/l

RT: 10.787 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

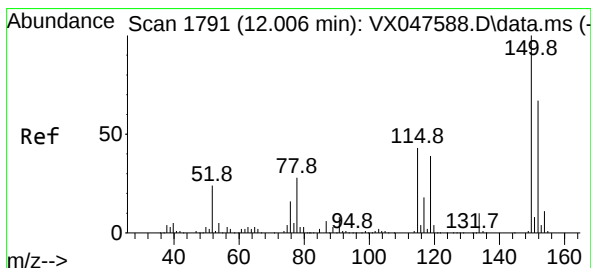
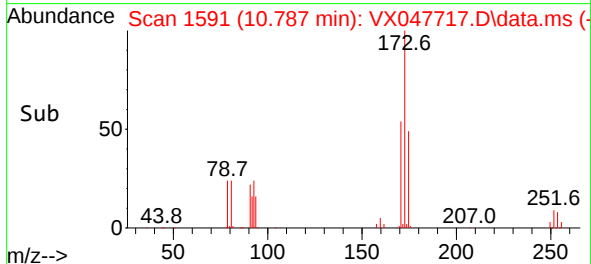
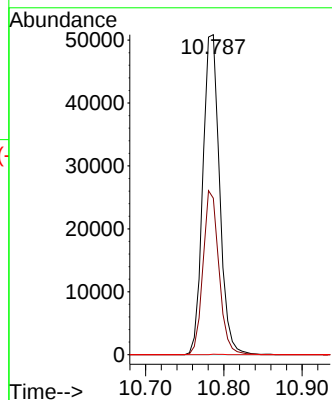
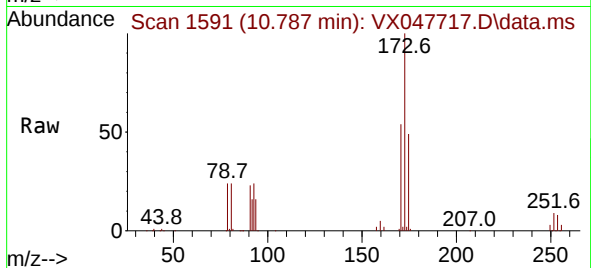
Tgt Ion:173 Resp: 75426

Ion Ratio Lower Upper

173 100

175 48.8 24.9 74.6

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

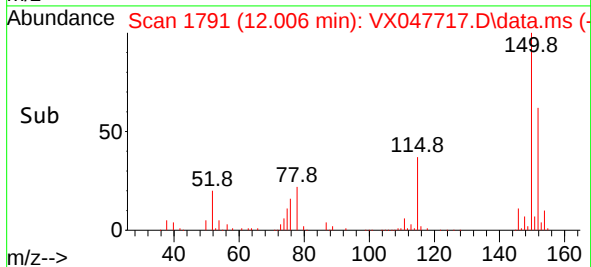
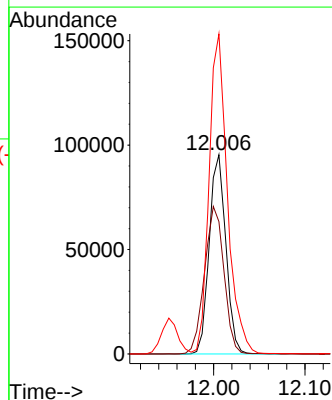
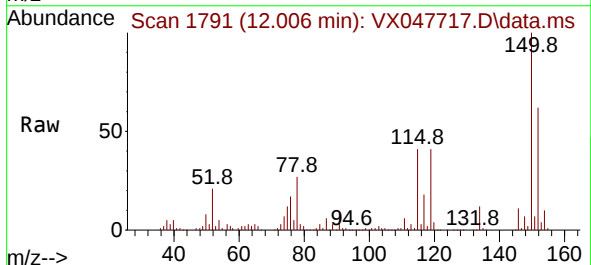
Tgt Ion:152 Resp: 120316

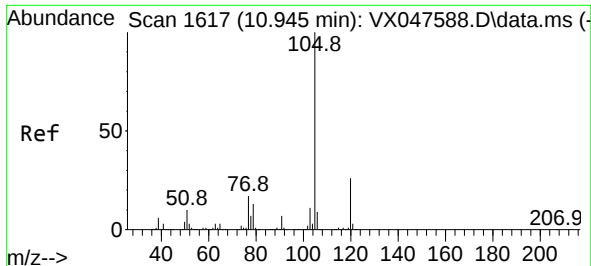
Ion Ratio Lower Upper

152 100

115 87.0 44.9 134.5

150 177.2 0.0 352.0

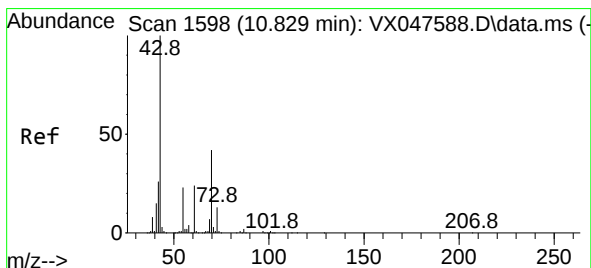
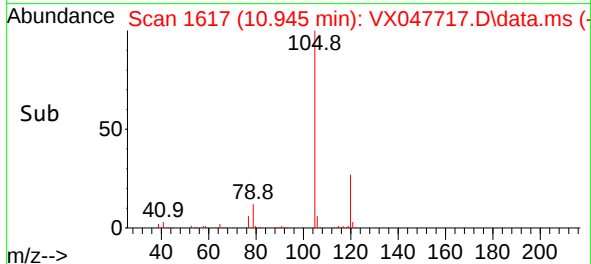
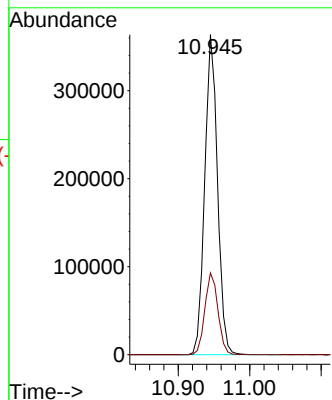
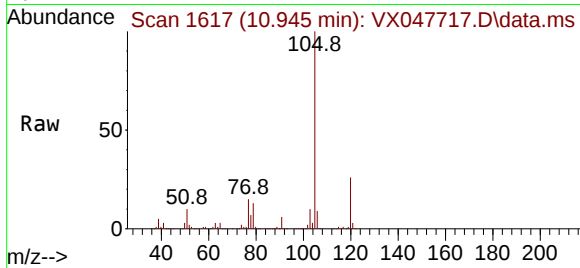




#73  
Isopropylbenzene  
Concen: 49.195 ug/l  
RT: 10.945 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

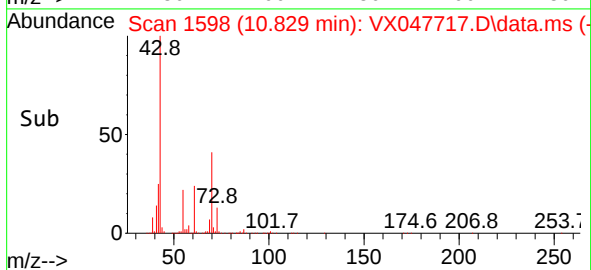
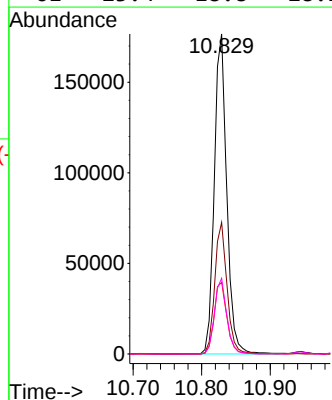
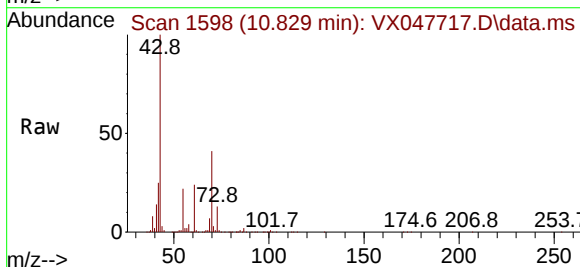
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

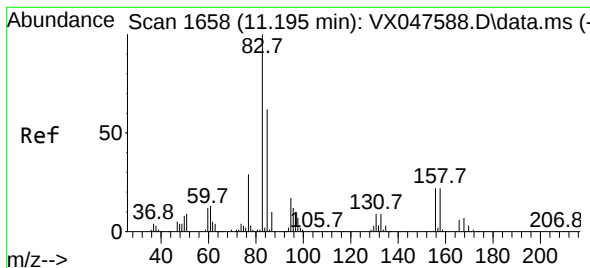
Tgt Ion:105 Resp: 449995  
Ion Ratio Lower Upper  
105 100  
120 26.2 12.8 38.4



#74  
N-ethyl acetate  
Concen: 53.334 ug/l  
RT: 10.829 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 43 Resp: 222470  
Ion Ratio Lower Upper  
43 100  
70 40.6 32.0 48.0  
55 23.0 18.9 28.3  
61 23.4 18.8 28.2

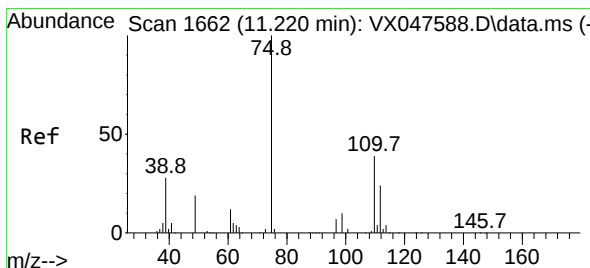
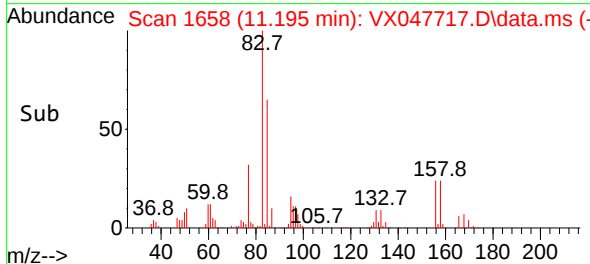
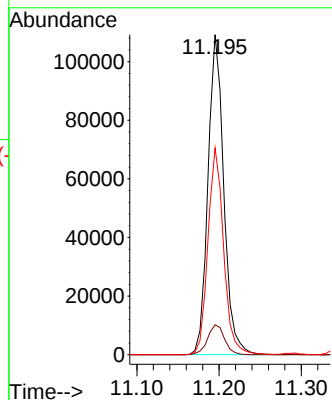
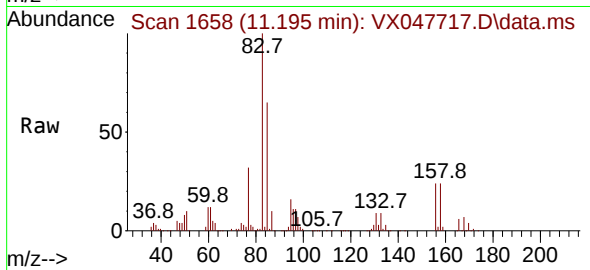




#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.707 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

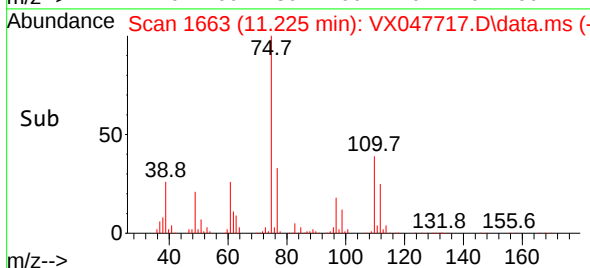
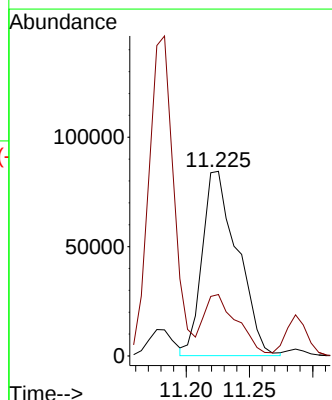
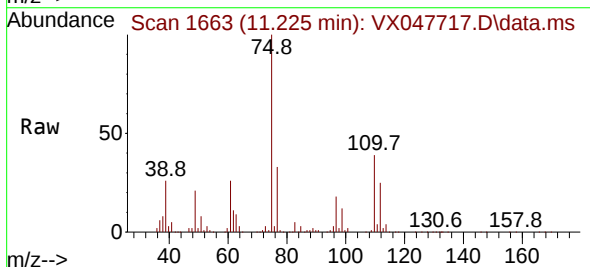
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

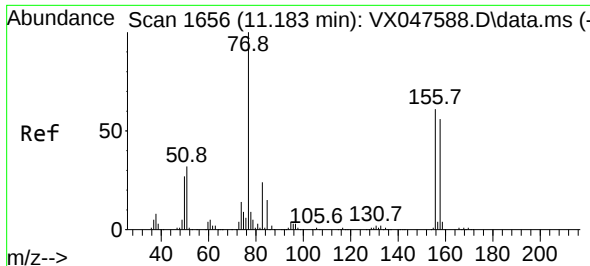
Tgt Ion: 83 Resp: 145865  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.0 14.9  
85 64.0 31.6 95.0



#76  
1,2,3-Trichloropropane  
Concen: 67.261 ug/l  
RT: 11.225 min Scan# 1663  
Delta R.T. 0.006 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 75 Resp: 163849  
Ion Ratio Lower Upper  
75 100  
77 31.4 18.8 56.4

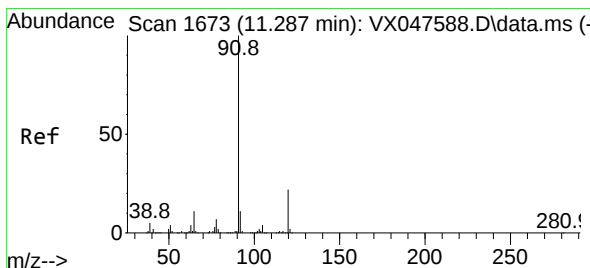
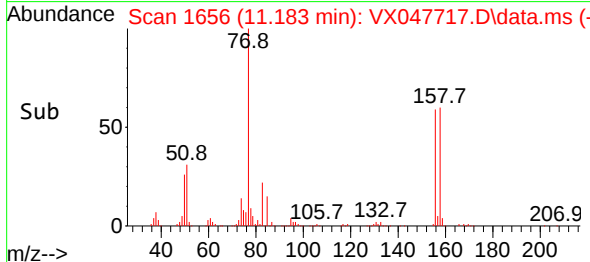
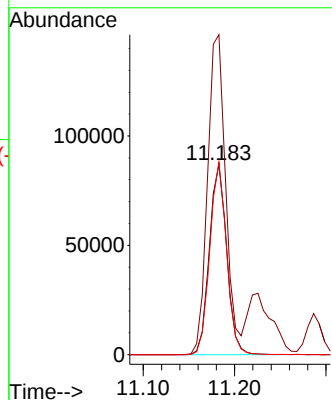
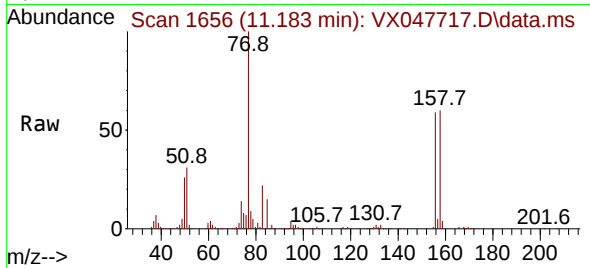




#77  
Bromobenzene  
Concen: 50.885 ug/l  
RT: 11.183 min Scan# 1656  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

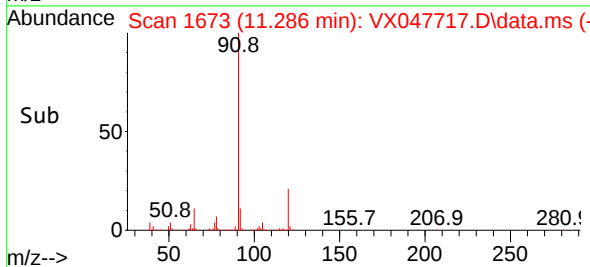
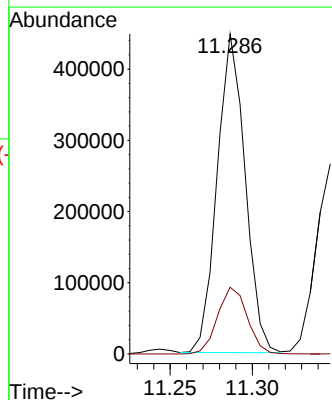
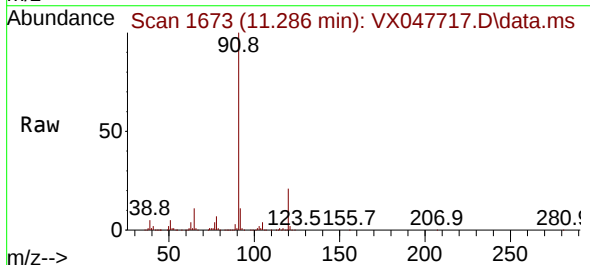
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

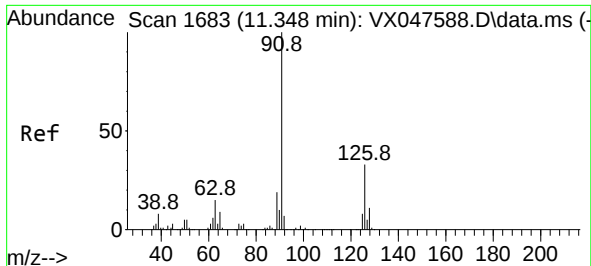
Tgt Ion:156 Resp: 114639  
Ion Ratio Lower Upper  
156 100  
77 175.4 89.7 269.1  
158 98.0 47.9 143.6



#78  
n-propylbenzene  
Concen: 48.949 ug/l  
RT: 11.286 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 91 Resp: 529287  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.1 33.1

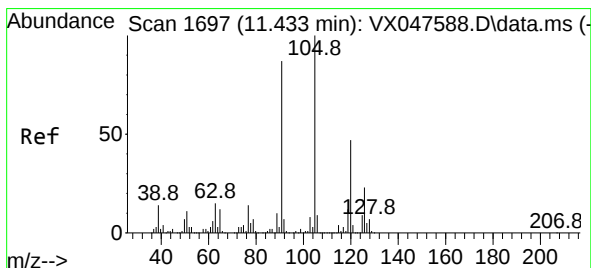
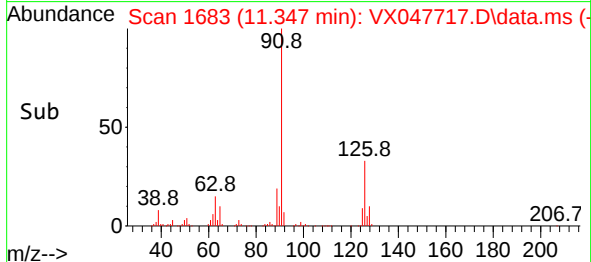
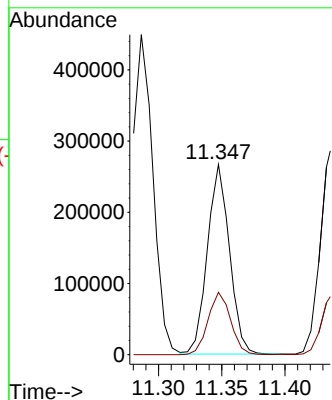
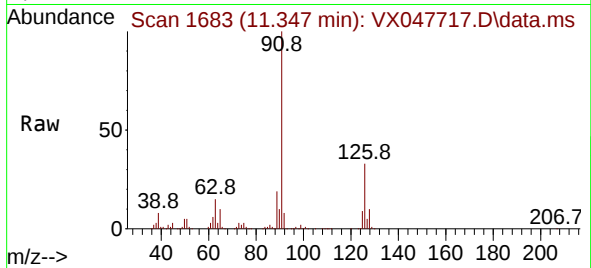




#79  
2-Chlorotoluene  
Concen: 48.889 ug/l  
RT: 11.347 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

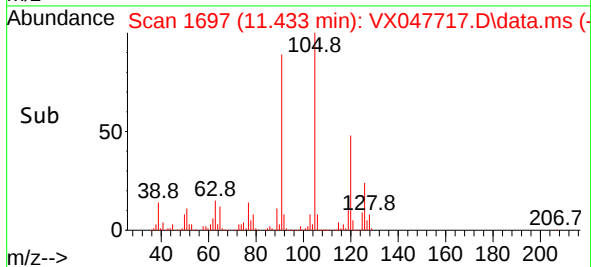
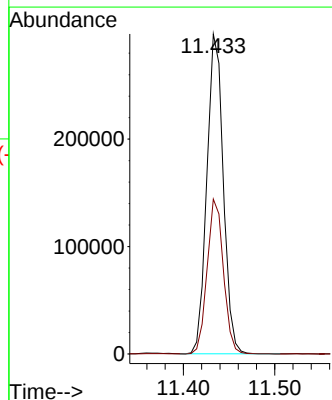
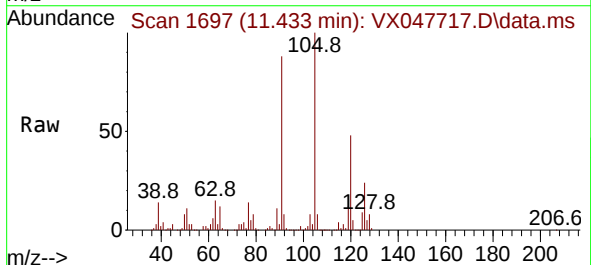
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

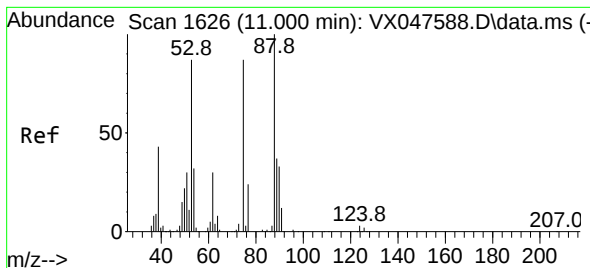
Tgt Ion: 91 Resp: 323780  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.1 48.3



#80  
1,3,5-Trimethylbenzene  
Concen: 49.314 ug/l  
RT: 11.433 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 105 Resp: 370606  
Ion Ratio Lower Upper  
105 100  
120 48.0 23.6 70.8

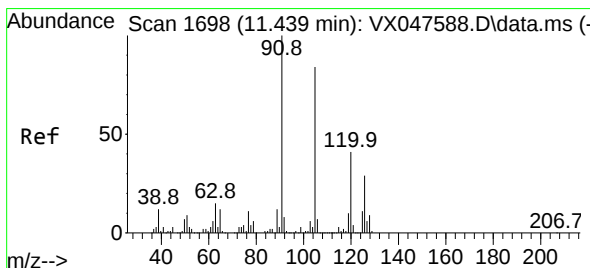
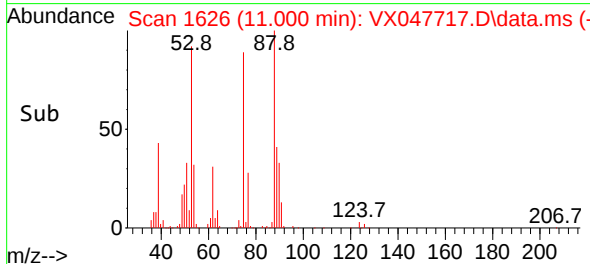
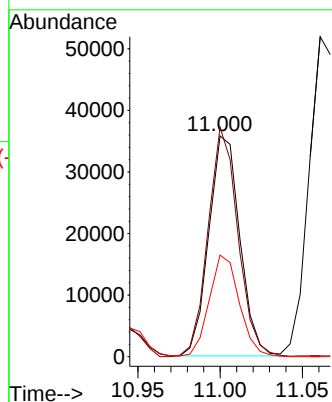
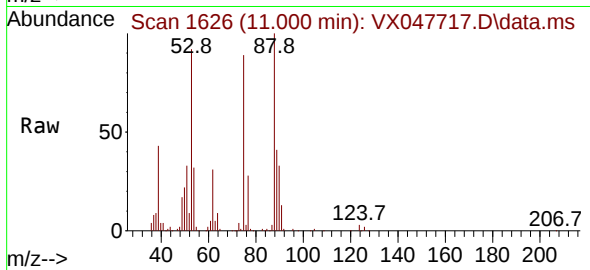




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.137 ug/l  
RT: 11.000 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

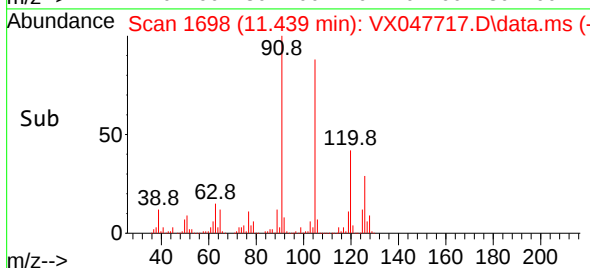
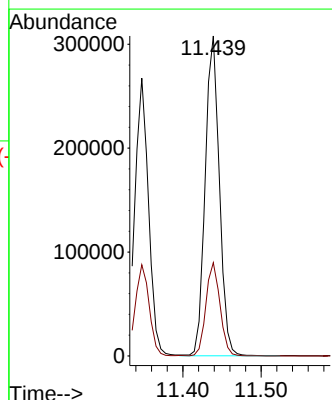
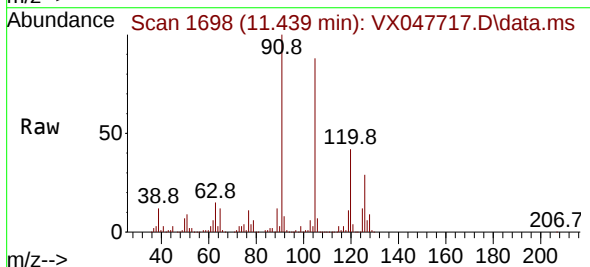
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

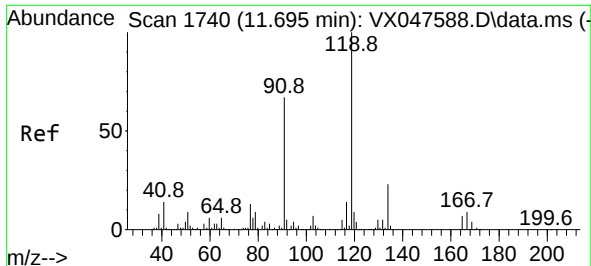
Tgt Ion: 75 Resp: 46938  
Ion Ratio Lower Upper  
75 100  
53 100.5 83.4 125.2  
89 44.9 36.3 54.5



#82  
4-Chlorotoluene  
Concen: 49.316 ug/l  
RT: 11.439 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 91 Resp: 385744  
Ion Ratio Lower Upper  
91 100  
126 28.8 14.2 42.6

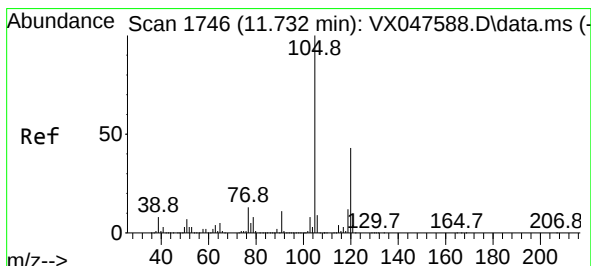
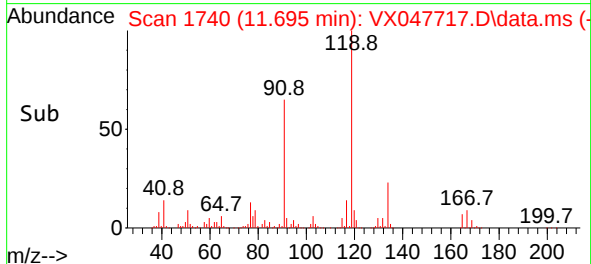
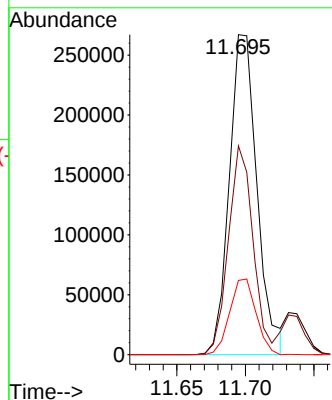
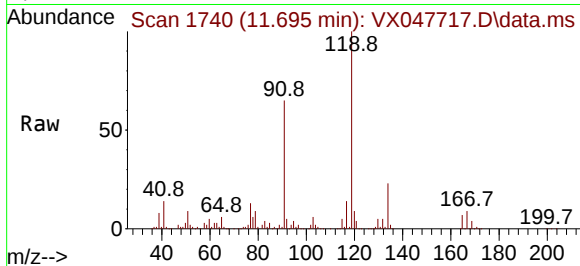




#83  
tert-Butylbenzene  
Concen: 48.830 ug/l  
RT: 11.695 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

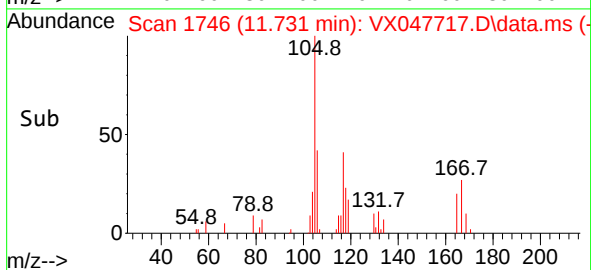
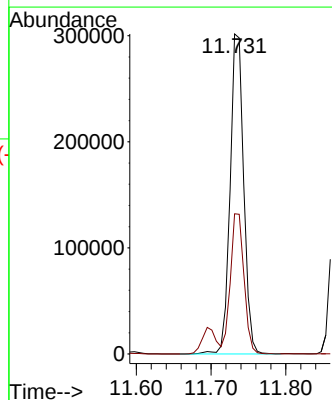
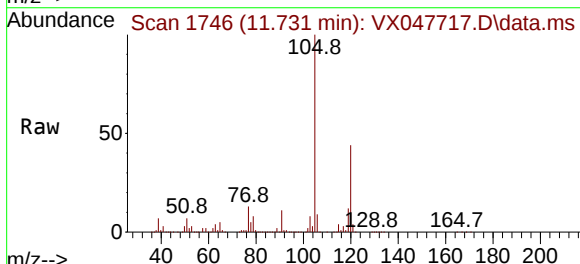
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

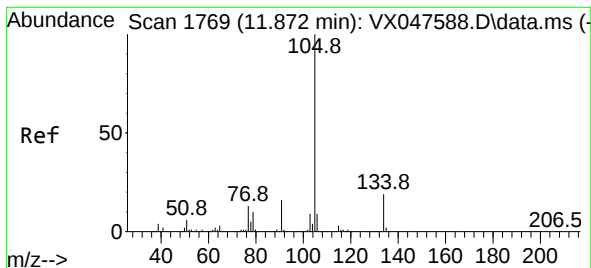
Tgt Ion:119 Resp: 375656  
Ion Ratio Lower Upper  
119 100  
91 58.0 29.6 88.8  
134 22.5 11.0 33.0



#84  
1,2,4-Trimethylbenzene  
Concen: 50.163 ug/l  
RT: 11.731 min Scan# 1746  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion:105 Resp: 382206  
Ion Ratio Lower Upper  
105 100  
120 43.8 22.1 66.1





#85

sec-Butylbenzene

Concen: 49.293 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

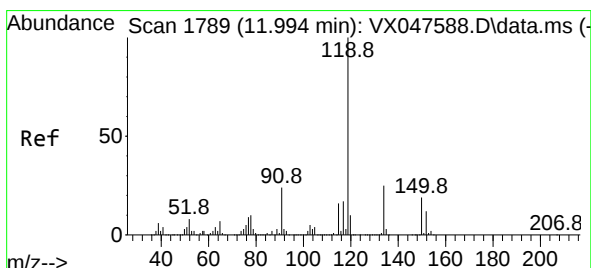
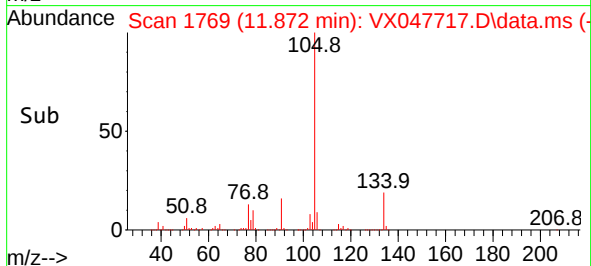
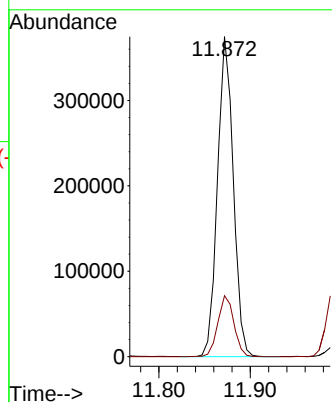
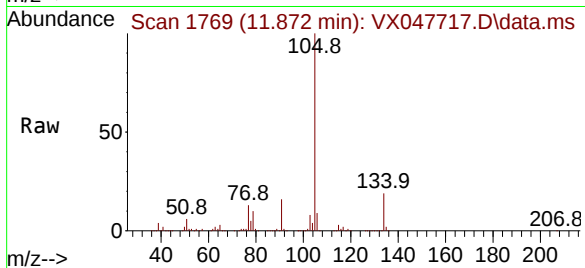
VSTDCCC050EC

Tgt Ion:105 Resp: 450434

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.5



#86

p-Isopropyltoluene

Concen: 48.396 ug/l

RT: 11.994 min Scan# 1789

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

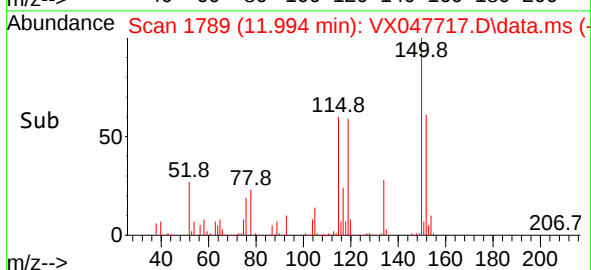
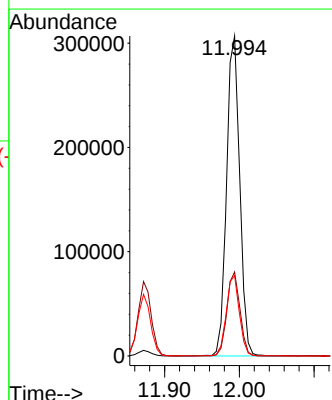
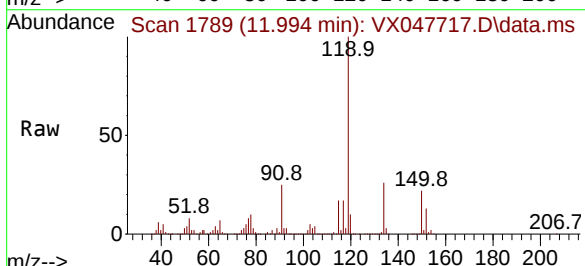
Tgt Ion:119 Resp: 374399

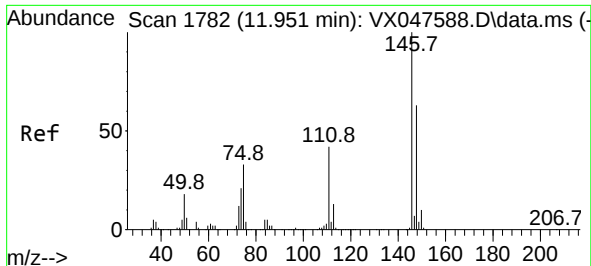
Ion Ratio Lower Upper

119 100

134 26.1 12.6 37.8

91 25.1 12.6 37.6

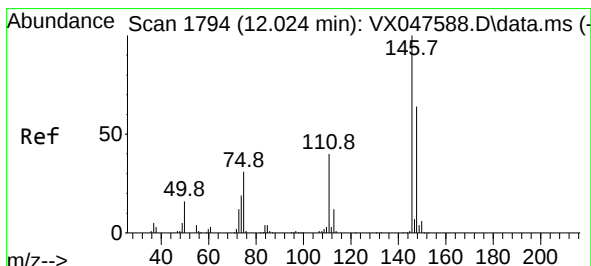
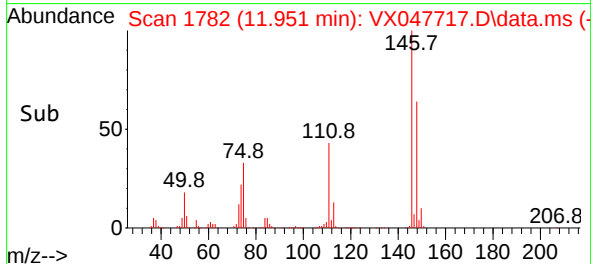
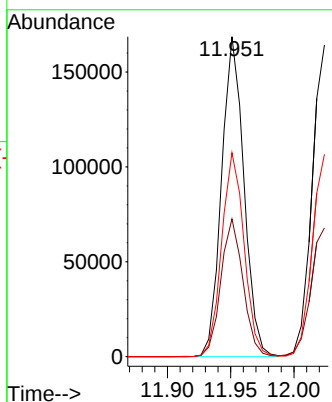
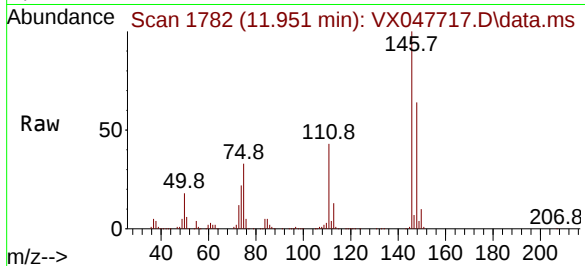




#87  
1,3-Dichlorobenzene  
Concen: 49.499 ug/l  
RT: 11.951 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

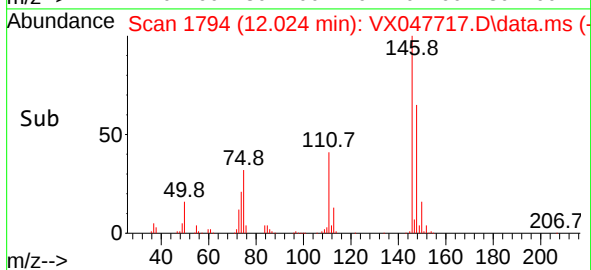
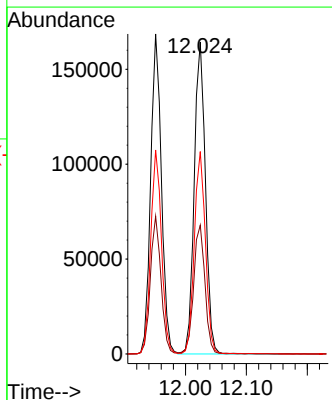
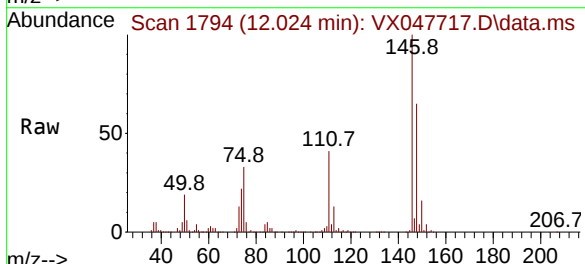
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

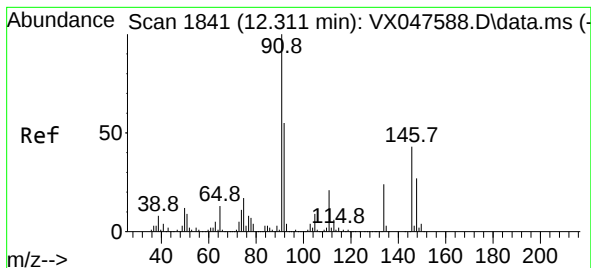
Tgt Ion:146 Resp: 207129  
Ion Ratio Lower Upper  
146 100  
111 42.7 21.5 64.5  
148 63.9 32.0 96.0



#88  
1,4-Dichlorobenzene  
Concen: 48.791 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion:146 Resp: 209548  
Ion Ratio Lower Upper  
146 100  
111 41.6 20.8 62.4  
148 64.3 31.7 95.1





#89

n-Butylbenzene

Concen: 47.906 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

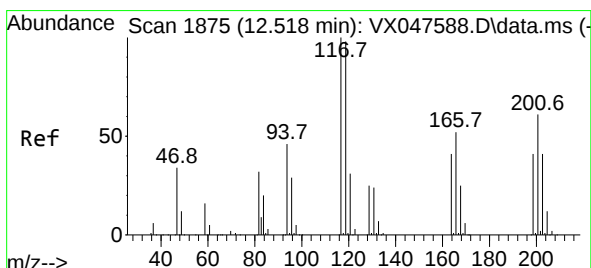
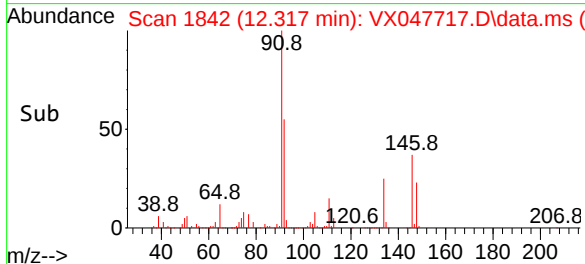
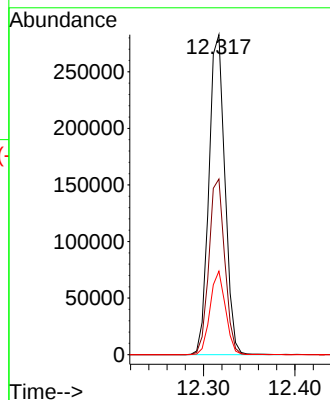
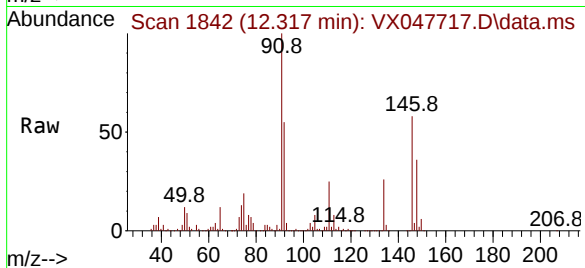
Tgt Ion: 91 Resp: 342927

Ion Ratio Lower Upper

91 100

92 54.5 27.6 82.7

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 48.974 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX047717.D

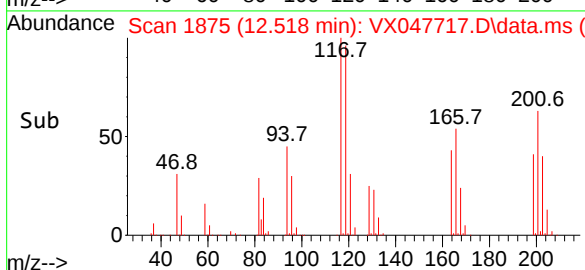
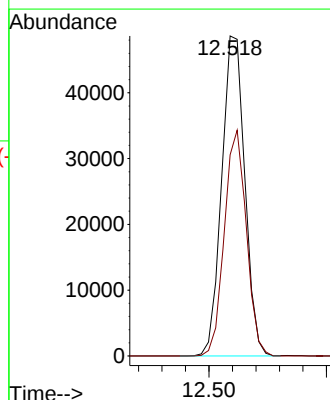
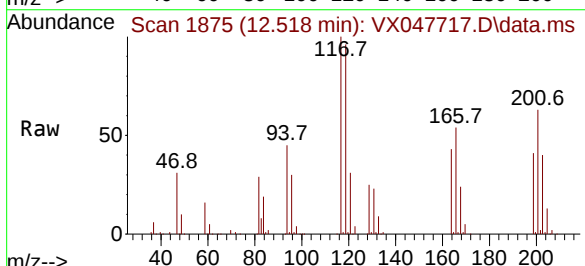
Acq: 22 Sep 2025 19:40

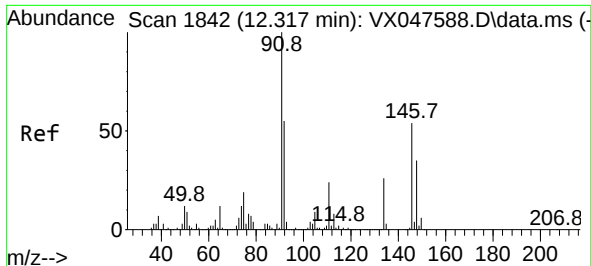
Tgt Ion: 117 Resp: 66519

Ion Ratio Lower Upper

117 100

201 67.1 34.2 102.5

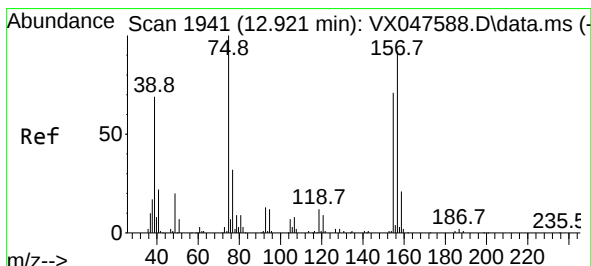
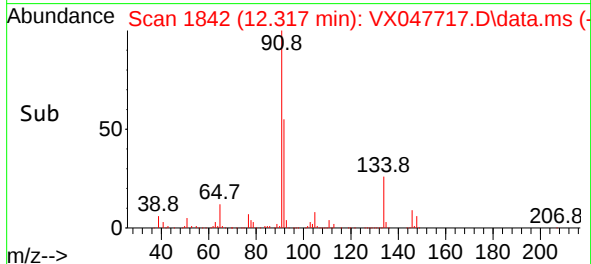
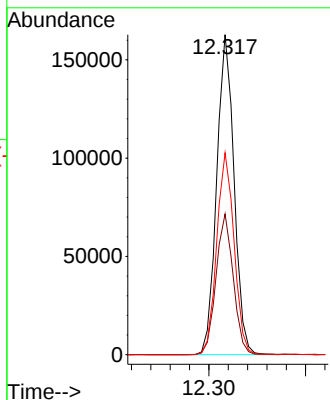
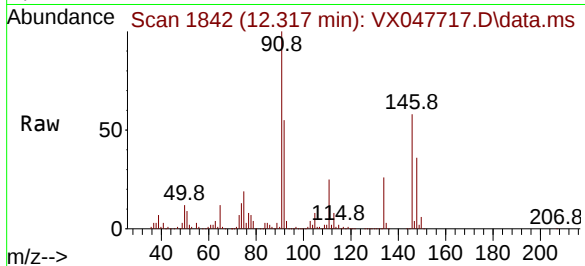




#91  
1,2-Dichlorobenzene  
Concen: 50.686 ug/l  
RT: 12.317 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

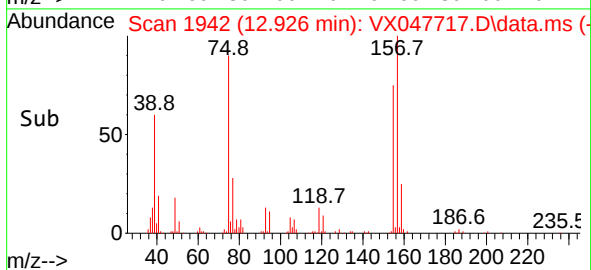
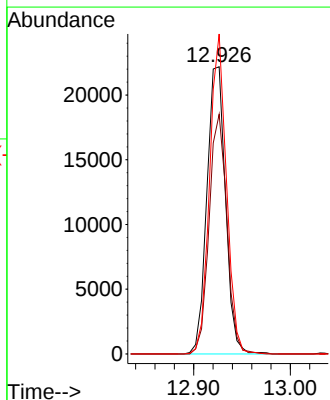
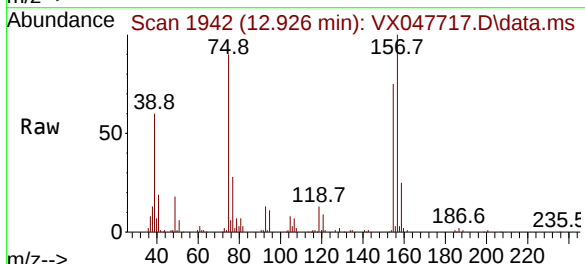
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

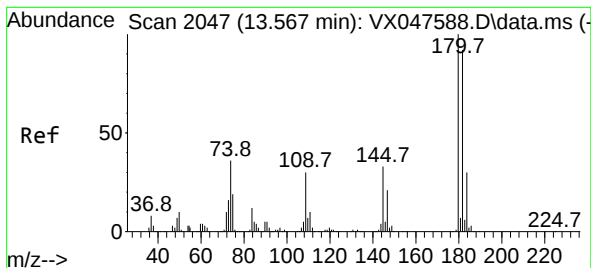
Tgt Ion:146 Resp: 202068  
Ion Ratio Lower Upper  
146 100  
111 43.7 22.2 66.6  
148 63.2 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 53.060 ug/l  
RT: 12.926 min Scan# 1942  
Delta R.T. 0.006 min  
Lab File: VX047717.D  
Acq: 22 Sep 2025 19:40

Tgt Ion: 75 Resp: 29730  
Ion Ratio Lower Upper  
75 100  
155 79.9 37.7 113.1  
157 100.6 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 49.073 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

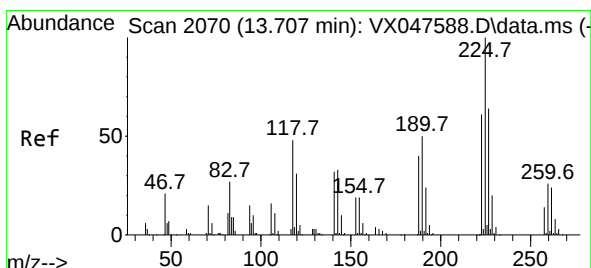
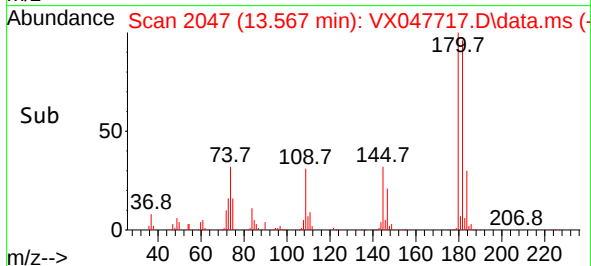
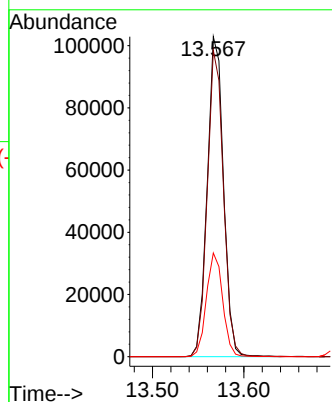
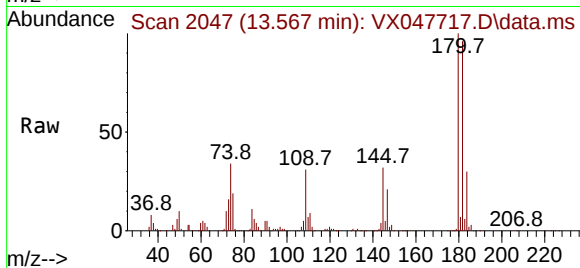
Tgt Ion:180 Resp: 127145

Ion Ratio Lower Upper

180 100

182 95.3 46.6 139.8

145 32.5 16.4 49.1



#94

Hexachlorobutadiene

Concen: 45.885 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

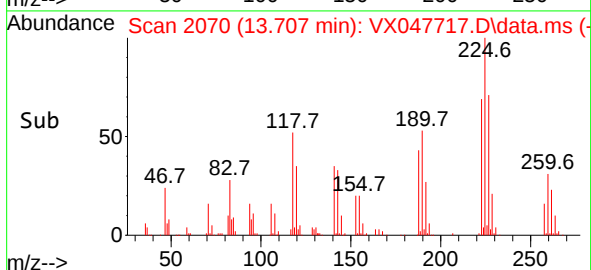
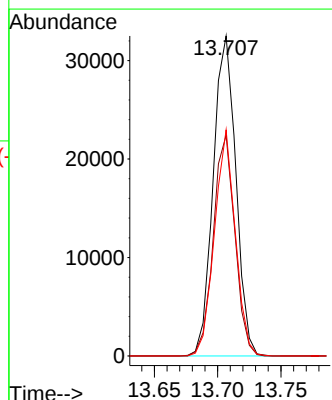
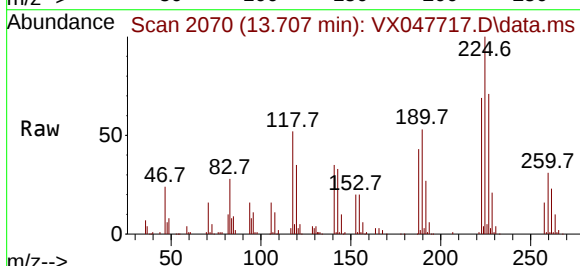
Tgt Ion:225 Resp: 40382

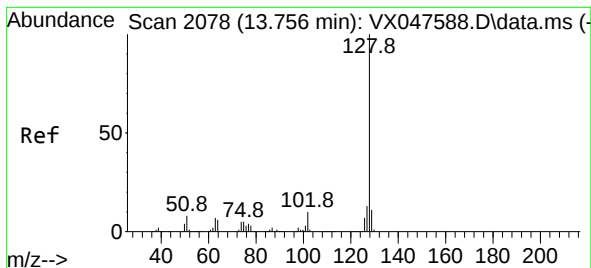
Ion Ratio Lower Upper

225 100

223 65.9 31.7 95.1

227 65.1 32.0 96.0





#95

Naphthalene

Concen: 52.169 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

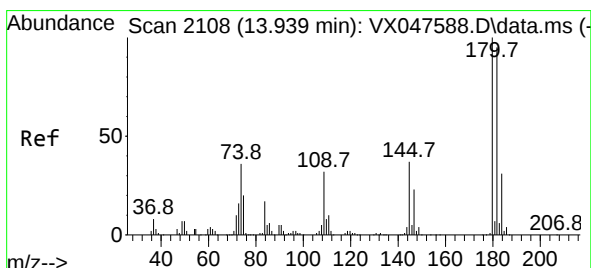
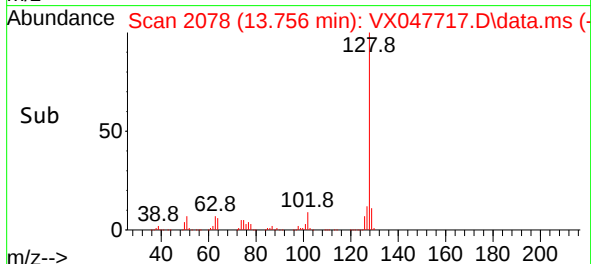
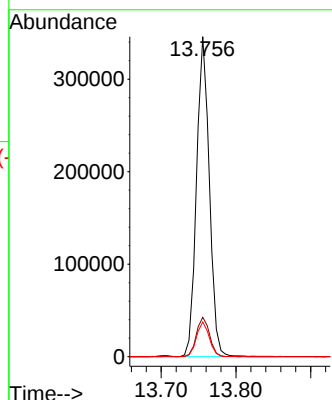
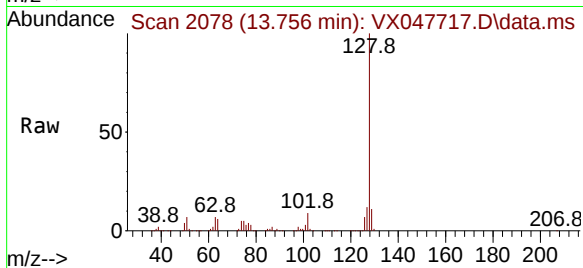
Tgt Ion:128 Resp: 411593

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.686 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX047717.D

Acq: 22 Sep 2025 19:40

Tgt Ion:180 Resp: 122162

Ion Ratio Lower Upper

180 100

182 93.6 47.6 142.8

145 34.8 17.9 53.7

