

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100325\  
 Data File : VX047981.D  
 Acq On : 03 Oct 2025 09:35  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Oct 03 23:40:42 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      | 5.531  | 168  | 131937   | 50.000 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 6.739  | 114  | 225878   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.037 | 117  | 209083   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152  | 105470   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.940  | 65    | 105158   | 50.073   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 100.140% |      |
| 35) Dibromofluoromethane    | 5.367  | 113   | 82541    | 54.487   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 108.980% |      |
| 50) Toluene-d8              | 8.628  | 98    | 274356   | 52.341   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 104.680% |      |
| 62) 4-Bromofluorobenzene    | 11.061 | 95    | 105643   | 53.105   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 106.200% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.173 | 85  | 76082   | 55.688  | ug/l   | 95  |
| 3) Chloromethane             | 1.301 | 50  | 86998   | 48.451  | ug/l   | 99  |
| 4) Vinyl Chloride            | 1.380 | 62  | 90039   | 51.226  | ug/l   | 99  |
| 5) Bromomethane              | 1.611 | 94  | 61619   | 55.285  | ug/l   | 94  |
| 6) Chloroethane              | 1.691 | 64  | 59369   | 50.536  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 1.892 | 101 | 140608  | 53.876  | ug/l   | 98  |
| 8) Diethyl Ether             | 2.136 | 74  | 55863   | 52.326  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 84145   | 55.140  | ug/l   | 99  |
| 10) Methyl Iodide            | 2.453 | 142 | 108465  | 45.574  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 2.940 | 59  | 49807   | 212.945 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 80415   | 51.300  | ug/l   | 97  |
| 13) Acrolein                 | 2.233 | 56  | 54512   | 252.910 | ug/l   | 97  |
| 14) Allyl chloride           | 2.666 | 41  | 155815  | 48.170  | ug/l   | 99  |
| 15) Acrylonitrile            | 3.050 | 53  | 220195  | 254.160 | ug/l   | 100 |
| 16) Acetone                  | 2.373 | 43  | 212026  | 232.196 | ug/l   | 99  |
| 17) Carbon Disulfide         | 2.514 | 76  | 199354  | 46.455  | ug/l   | 98  |
| 18) Methyl Acetate           | 2.697 | 43  | 110641  | 54.445  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 3.105 | 73  | 292796  | 51.168  | ug/l   | 100 |
| 20) Methylene Chloride       | 2.788 | 84  | 100491  | 51.991  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 86300   | 51.136  | ug/l   | 99  |
| 22) Diisopropyl ether        | 3.745 | 45  | 337219  | 53.792  | ug/l   | 89  |
| 23) Vinyl Acetate            | 3.709 | 43  | 1294922 | 258.092 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 3.599 | 63  | 174979  | 52.515  | ug/l   | 100 |
| 25) 2-Butanone               | 4.532 | 43  | 269365  | 236.489 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 4.458 | 77  | 141274  | 51.006  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 4.477 | 96  | 109115  | 52.794  | ug/l   | 98  |
| 28) Bromochloromethane       | 4.879 | 49  | 78038   | 53.648  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 4.977 | 42  | 161165  | 235.207 | ug/l   | 99  |
| 30) Chloroform               | 5.074 | 83  | 182731  | 54.270  | ug/l   | 96  |
| 31) Cyclohexane              | 5.452 | 56  | 135050  | 48.665  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 5.361 | 97  | 150394  | 52.659  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.678 | 75  | 112584  | 50.861  | ug/l   | 99  |
| 37) Ethyl Acetate            | 4.696 | 43  | 114770  | 48.424  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 5.660 | 117 | 127673  | 53.085  | ug/l   | 94  |
| 39) Methylcyclohexane        | 7.360 | 83  | 129087  | 51.374  | ug/l   | 98  |
| 40) Benzene                  | 6.019 | 78  | 357908  | 53.235  | ug/l   | 99  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Oct 03 23:40:42 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         | 4.891  | 41   | 65648    | 53.653   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.068  | 62   | 137806   | 53.871   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.318  | 43   | 191848   | 49.355   | ug/l   | 99       |
| 44) Trichloroethene           | 7.104  | 130  | 86853    | 53.434   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 7.409  | 63   | 96150    | 55.851   | ug/l   | 97       |
| 46) Dibromomethane            | 7.562  | 93   | 68555    | 54.722   | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.805  | 83   | 148015   | 57.255   | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.677  | 41   | 97016    | 50.106   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.641  | 88   | 21578    | 1102.746 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.555  | 43   | 542948   | 251.926  | ug/l   | 99       |
| 52) Toluene                   | 8.702  | 92   | 223395   | 53.932   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.958  | 75   | 148348   | 56.258   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.348  | 75   | 157563   | 55.904   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.134  | 97   | 89860    | 56.261   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.098  | 69   | 133902   | 53.383   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.293  | 76   | 154753   | 56.403   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.226  | 63   | 353607   | 291.841  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.415  | 43   | 377604   | 243.952  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.506  | 129  | 107882   | 58.621   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.592  | 107  | 92132    | 56.633   | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.256  | 164  | 68331    | 50.133   | ug/l   | 97       |
| 65) Chlorobenzene             | 10.061 | 112  | 252022   | 53.058   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131  | 91236    | 55.663   | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.177 | 91   | 425670   | 51.938   | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.281 | 106  | 322983   | 105.878  | ug/l   | 98       |
| 69) o-Xylene                  | 10.622 | 106  | 155012   | 52.537   | ug/l   | 100      |
| 70) Styrene                   | 10.640 | 104  | 275937   | 53.373   | ug/l   | 98       |
| 71) Bromoform                 | 10.781 | 173  | 65700    | 53.681   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.945 | 105  | 401376   | 50.056   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.823 | 43   | 166829   | 45.625   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83   | 120891   | 49.831   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.219 | 75   | 133824   | 62.668   | ug/l   | 91       |
| 77) Bromobenzene              | 11.183 | 156  | 100047   | 50.659   | ug/l   | 97       |
| 78) n-propylbenzene           | 11.287 | 91   | 475224   | 50.135   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.348 | 91   | 288770   | 49.740   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.433 | 105  | 332856   | 50.525   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75   | 38324    | 45.767   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.433 | 91   | 344397   | 50.228   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.695 | 119  | 341046   | 50.571   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.732 | 105  | 336380   | 50.363   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.872 | 105  | 408921   | 51.049   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.988 | 119  | 344044   | 50.732   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.951 | 146  | 187193   | 51.031   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.024 | 146  | 191722   | 50.924   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.311 | 91   | 321357   | 51.212   | ug/l   | 98       |
| 90) Hexachloroethane          | 12.518 | 117  | 63473    | 53.310   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.317 | 146  | 179594   | 51.390   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75   | 22273    | 45.347   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.567 | 180  | 109403   | 48.169   | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.707 | 225  | 41607    | 53.932   | ug/l   | 96       |
| 95) Naphthalene               | 13.756 | 128  | 325860   | 47.116   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.938 | 180  | 104550   | 49.485   | ug/l   | 100      |

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Acq On : 03 Oct 2025 09:35  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

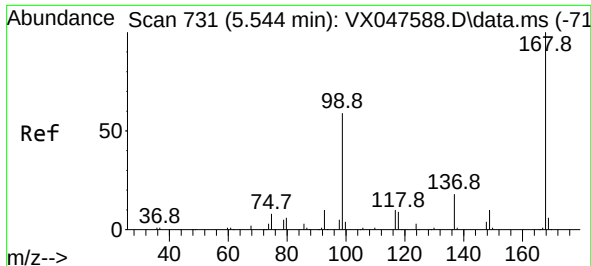
Quant Time: Oct 03 23:40:42 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 2025  
Response via : Initial Calibration

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

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

Quant Time: Oct 03 23:40:42 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





#1  
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.531 min Scan# 71

Delta R.T. -0.013 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

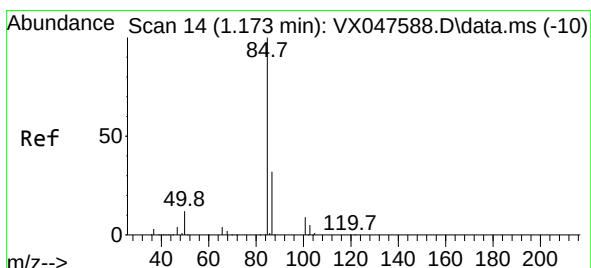
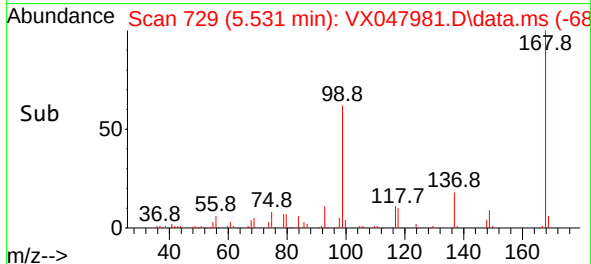
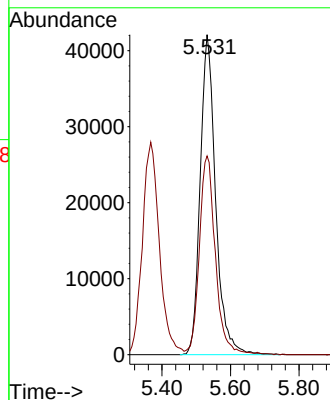
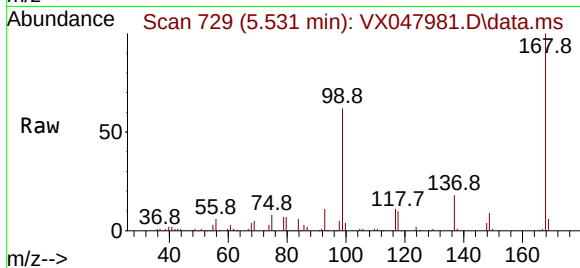
VSTDCCC050

Tgt Ion:168 Resp: 131937

Ion Ratio Lower Upper

168 100

99 62.1 48.8 73.2



#2

Dichlorodifluoromethane

Concen: 55.688 ug/l

RT: 1.173 min Scan# 14

Delta R.T. -0.000 min

Lab File: VX047981.D

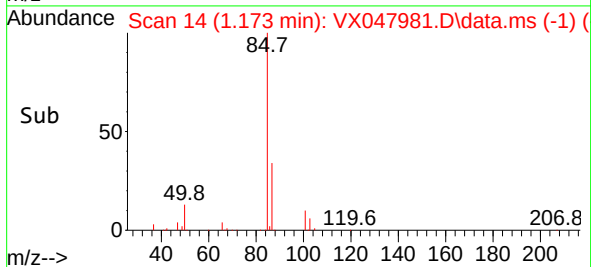
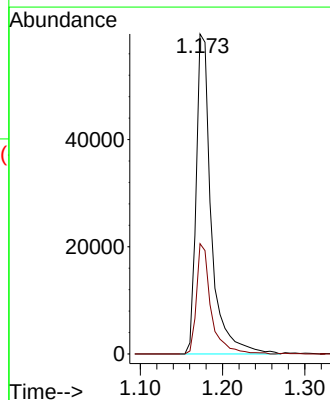
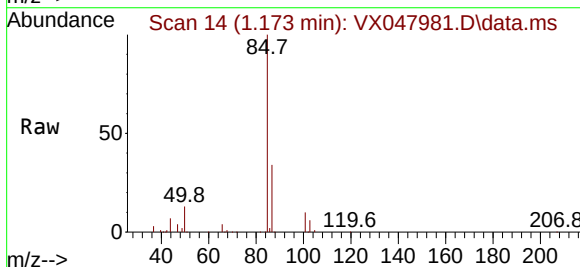
Acq: 03 Oct 2025 09:35

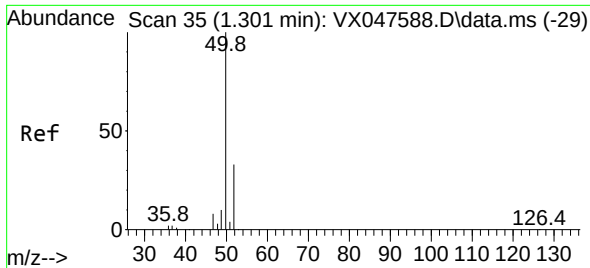
Tgt Ion: 85 Resp: 76082

Ion Ratio Lower Upper

85 100

87 34.4 15.8 47.3

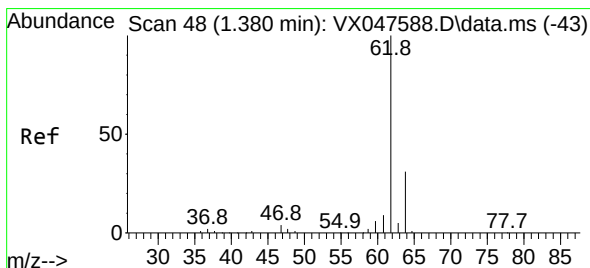
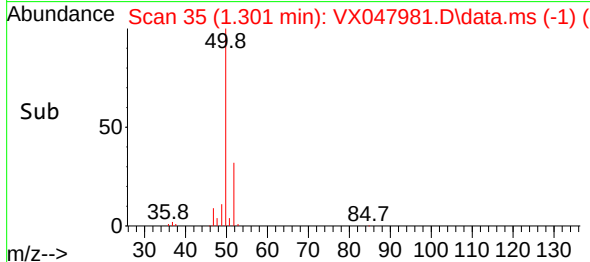
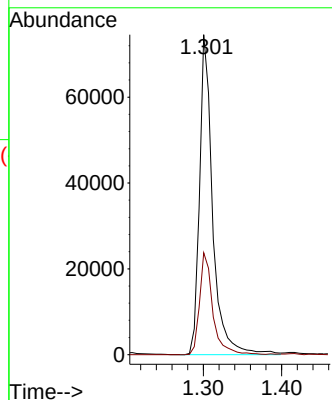
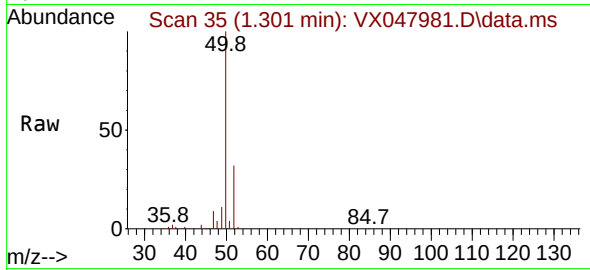




#3  
Chloromethane  
Concen: 48.451 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

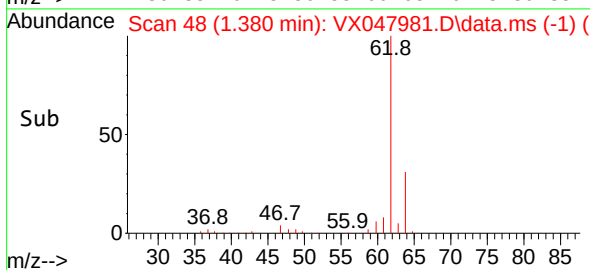
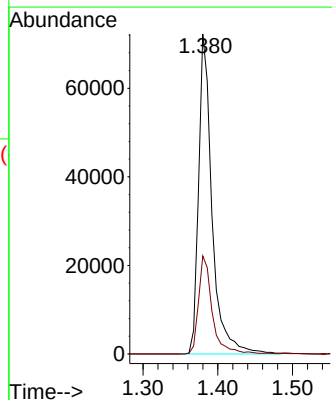
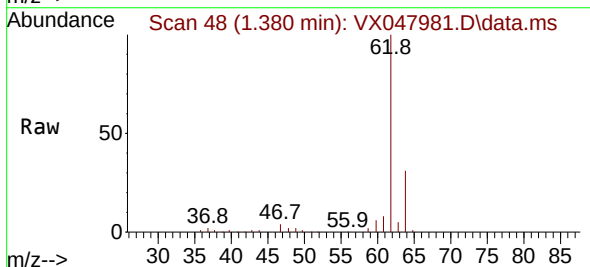
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

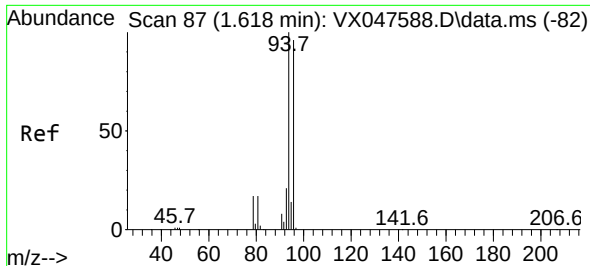
Tgt Ion: 50 Resp: 86998  
Ion Ratio Lower Upper  
50 100  
52 31.9 26.1 39.1



#4  
Vinyl Chloride  
Concen: 51.226 ug/l  
RT: 1.380 min Scan# 48  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 62 Resp: 90039  
Ion Ratio Lower Upper  
62 100  
64 30.7 24.9 37.3

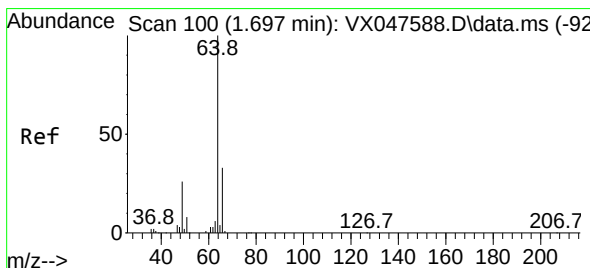
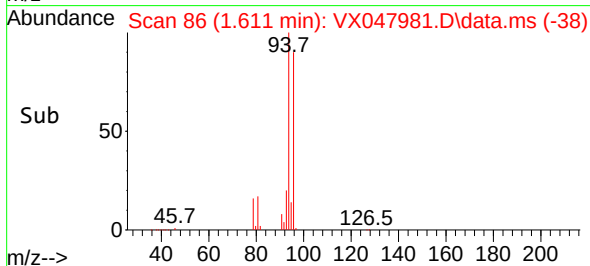
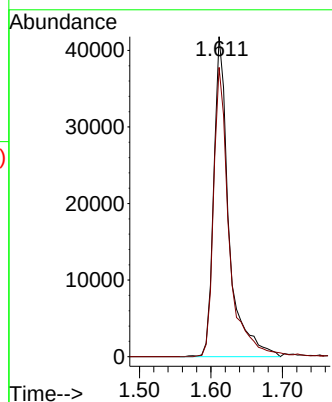
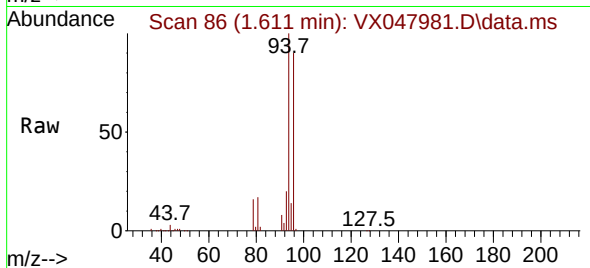




#5  
Bromomethane  
Concen: 55.285 ug/l  
RT: 1.611 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

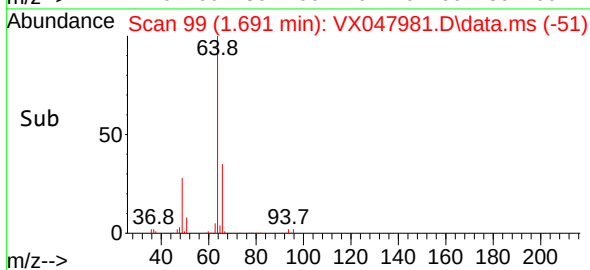
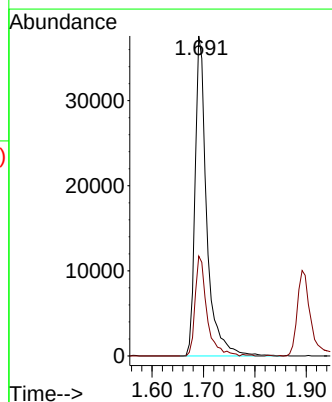
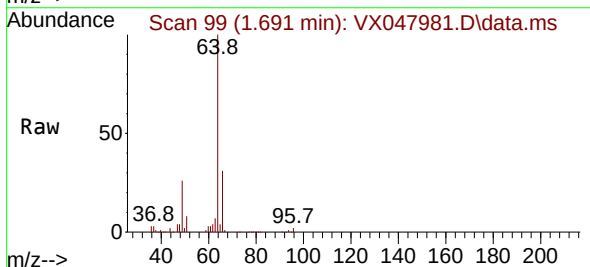
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

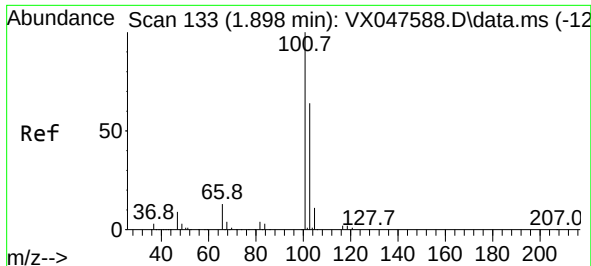
Tgt Ion: 94 Resp: 61619  
Ion Ratio Lower Upper  
94 100  
96 90.4 76.6 115.0



#6  
Chloroethane  
Concen: 50.536 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 64 Resp: 59369  
Ion Ratio Lower Upper  
64 100  
66 31.2 26.1 39.1

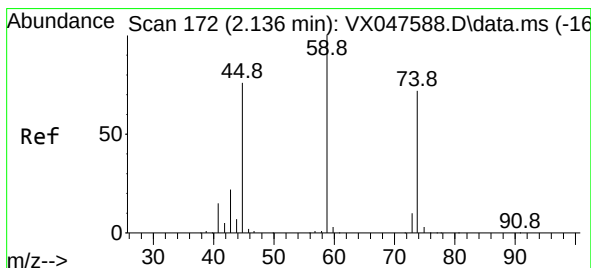
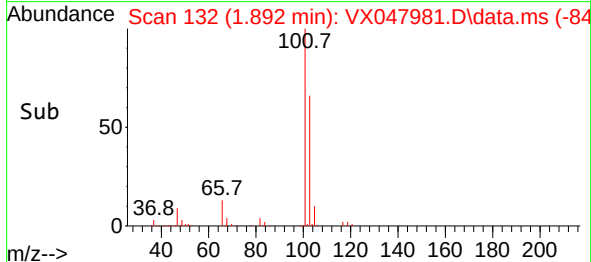
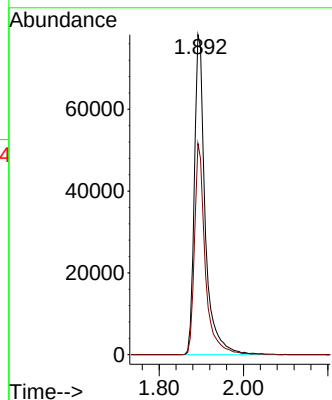
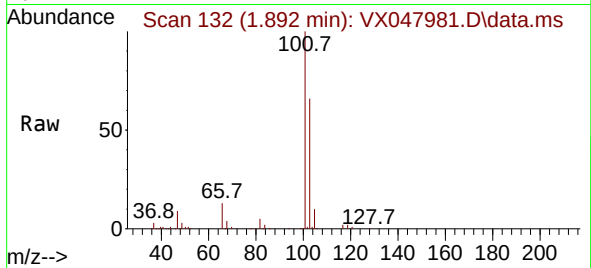




#7  
 Trichlorofluoromethane  
 Concen: 53.876 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VX047981.D  
 Acq: 03 Oct 2025 09:35

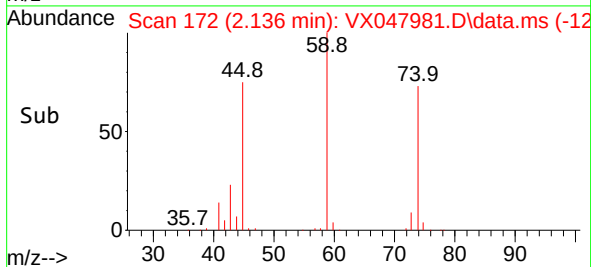
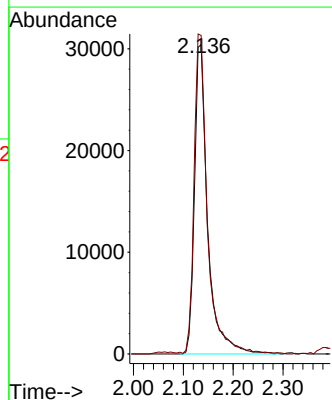
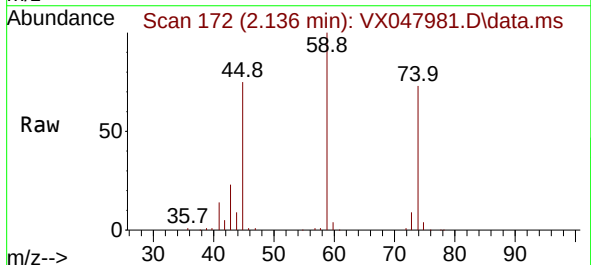
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:101 Resp: 140608  
 Ion Ratio Lower Upper  
 101 100  
 103 66.0 51.4 77.2

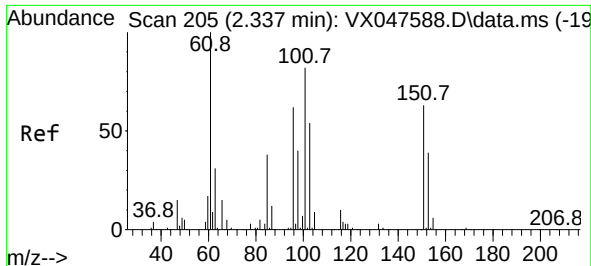


#8  
 Diethyl Ether  
 Concen: 52.326 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX047981.D  
 Acq: 03 Oct 2025 09:35

Tgt Ion: 74 Resp: 55863  
 Ion Ratio Lower Upper  
 74 100  
 45 105.2 52.3 156.8



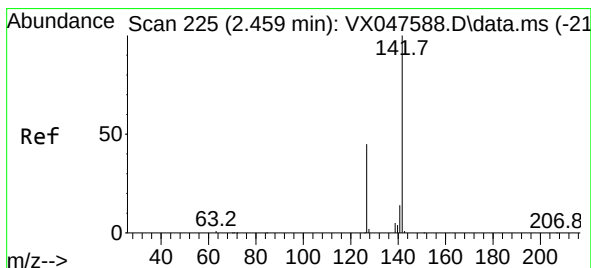
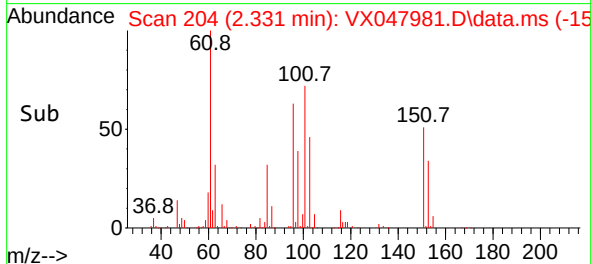
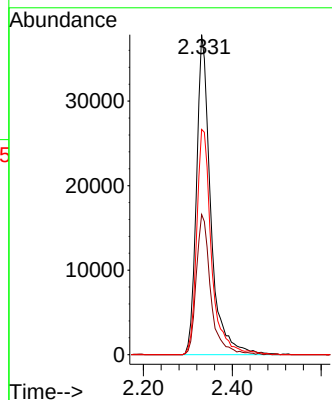
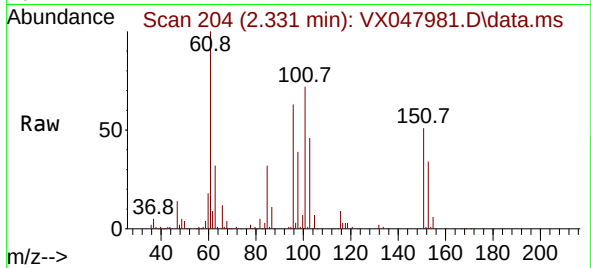




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 55.140 ug/l  
RT: 2.331 min Scan# 205  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

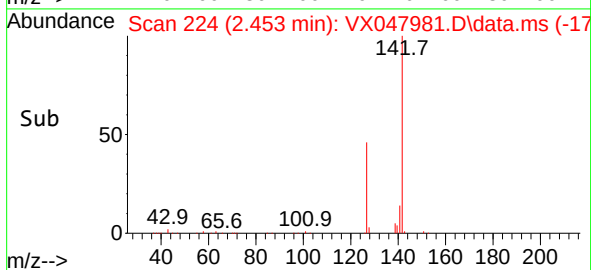
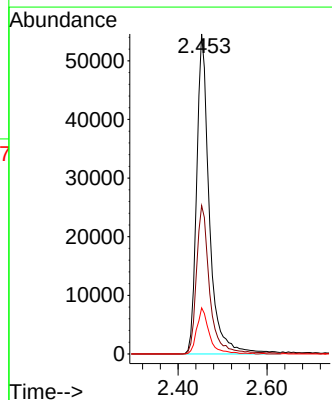
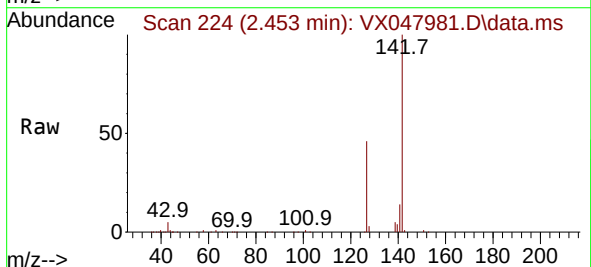
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

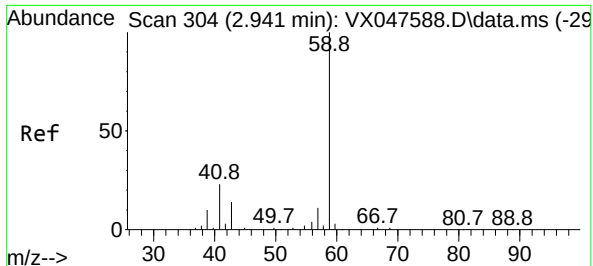
Tgt Ion:101 Resp: 84145  
Ion Ratio Lower Upper  
101 100  
85 44.5 35.5 53.3  
151 73.4 59.4 89.0



#10  
Methyl Iodide  
Concen: 45.574 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion:142 Resp: 108465  
Ion Ratio Lower Upper  
142 100  
127 48.0 37.2 55.8  
141 14.0 11.4 17.0

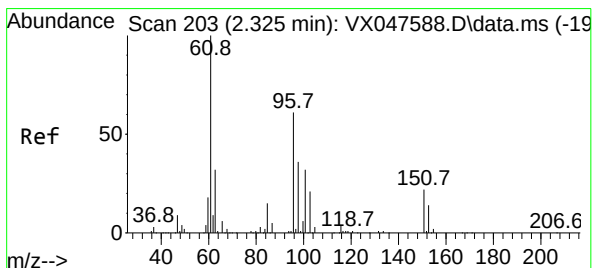
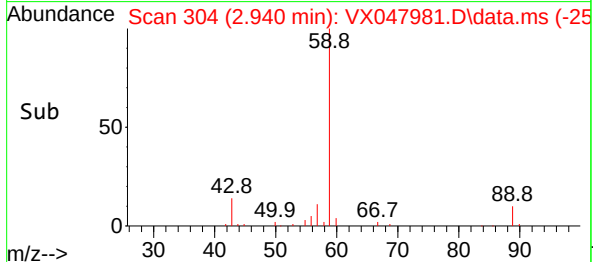
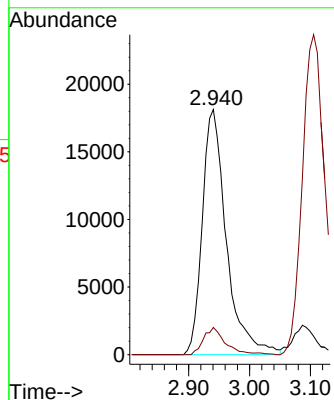
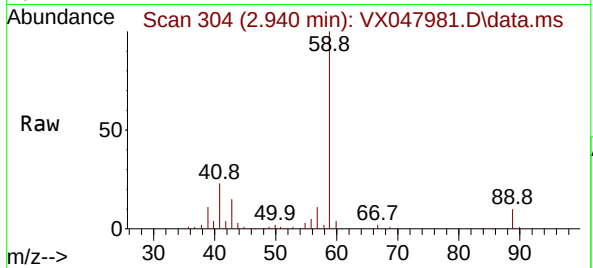




#11  
Tert butyl alcohol  
Concen: 212.945 ug/l  
RT: 2.940 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

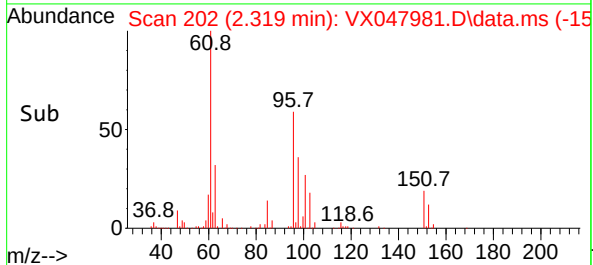
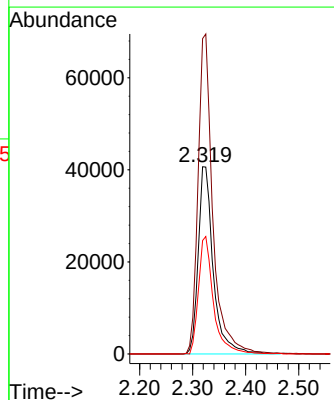
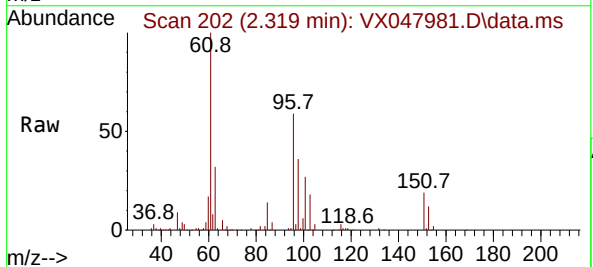
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

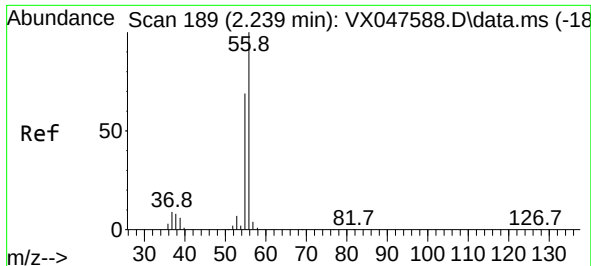
Tgt Ion: 59 Resp: 49807  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 51.300 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 96 Resp: 80415  
Ion Ratio Lower Upper  
96 100  
61 168.5 131.0 196.6  
98 60.6 47.7 71.5

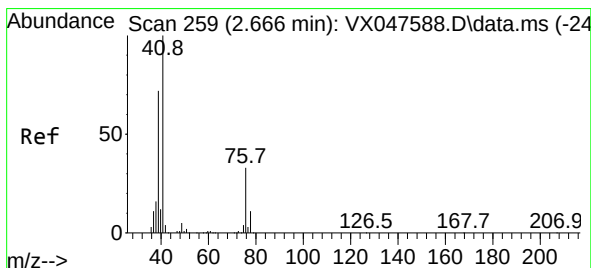
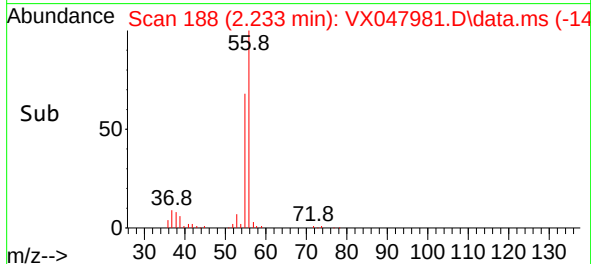
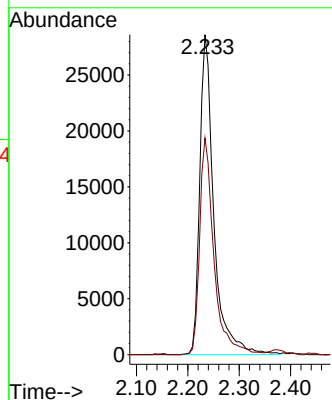
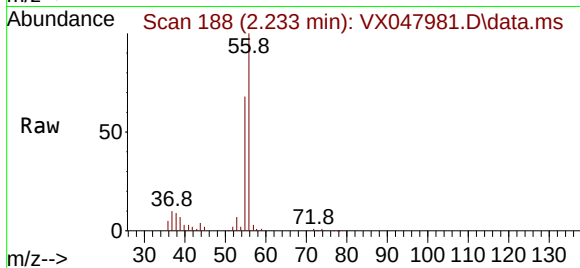




#13  
Acrolein  
Concen: 252.910 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

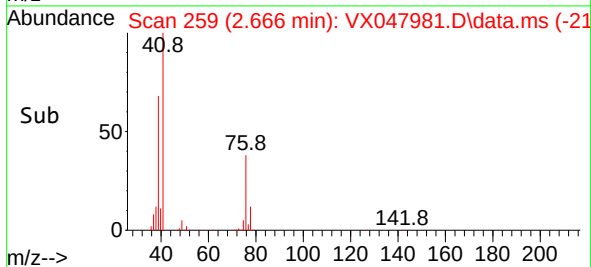
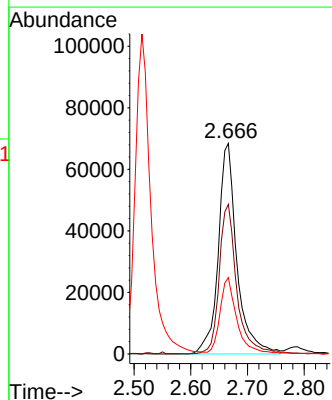
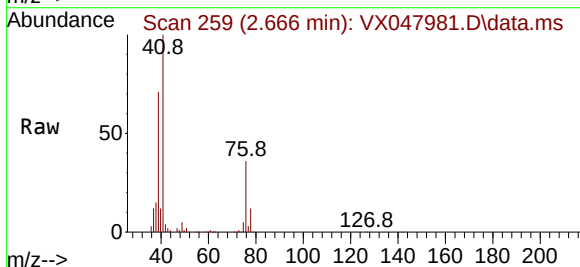
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

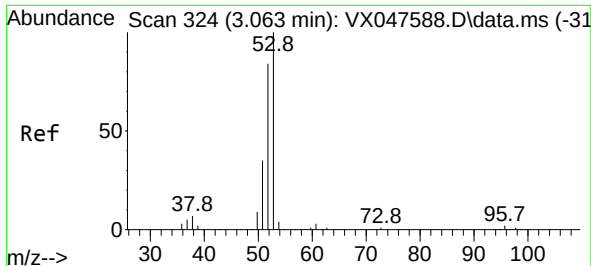
Tgt Ion: 56 Resp: 54512  
Ion Ratio Lower Upper  
56 100  
55 69.0 57.2 85.8



#14  
Allyl chloride  
Concen: 48.170 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 41 Resp: 155815  
Ion Ratio Lower Upper  
41 100  
39 67.5 54.7 82.1  
76 32.9 25.7 38.5

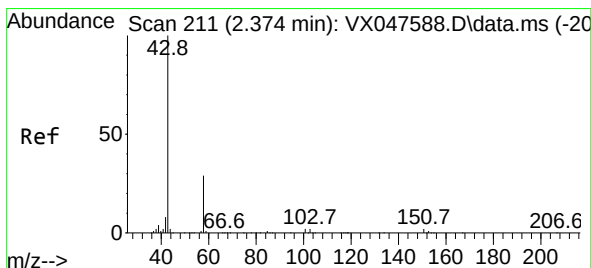
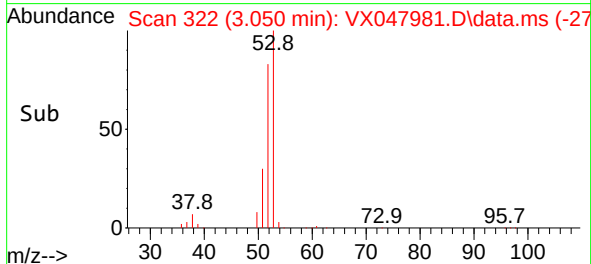
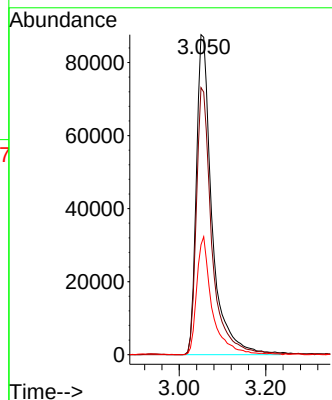
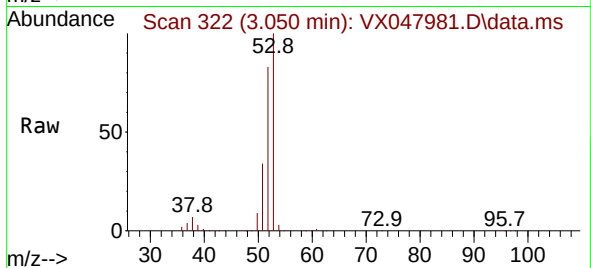




#15  
Acrylonitrile  
Concen: 254.160 ug/l  
RT: 3.050 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

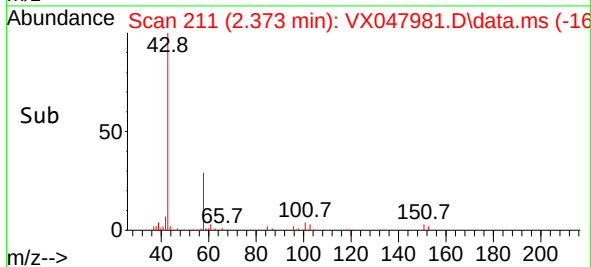
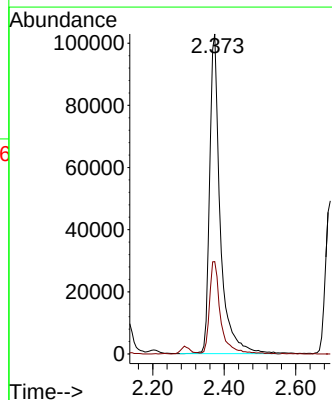
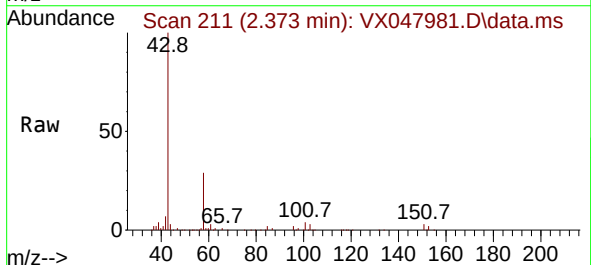
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

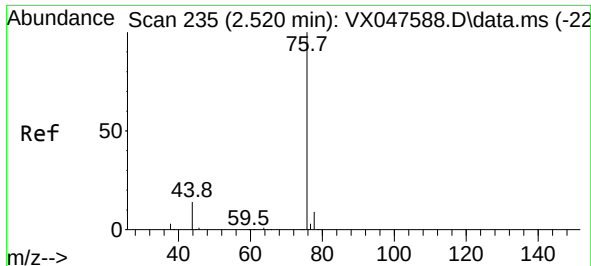
Tgt Ion: 53 Resp: 220195  
Ion Ratio Lower Upper  
53 100  
52 82.8 66.4 99.6  
51 36.5 29.5 44.3



#16  
Acetone  
Concen: 232.196 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 43 Resp: 212026  
Ion Ratio Lower Upper  
43 100  
58 28.8 23.4 35.0

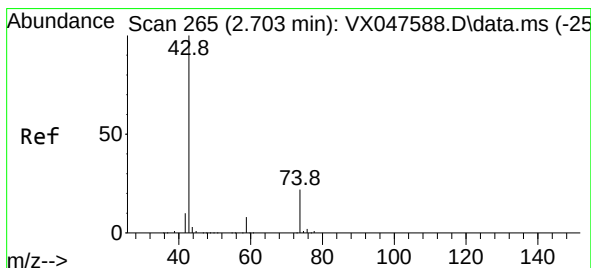
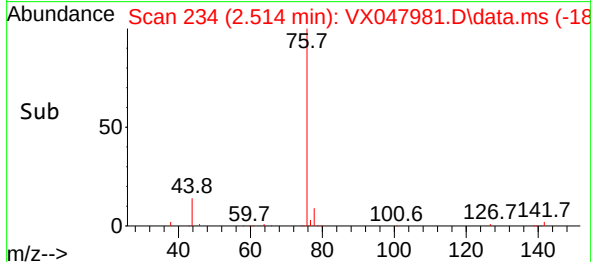
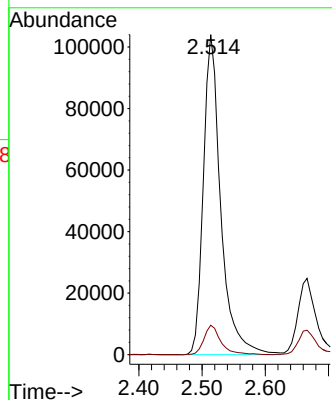
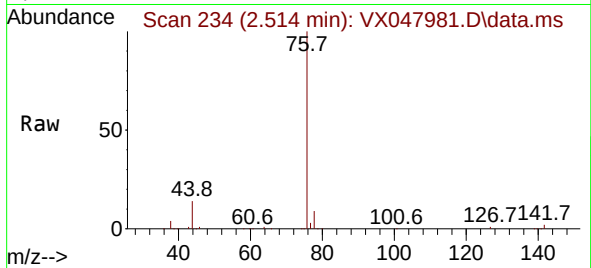




#17  
Carbon Disulfide  
Concen: 46.455 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

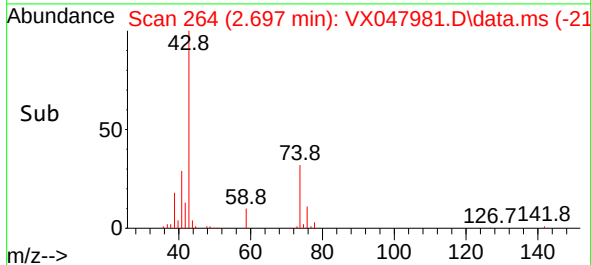
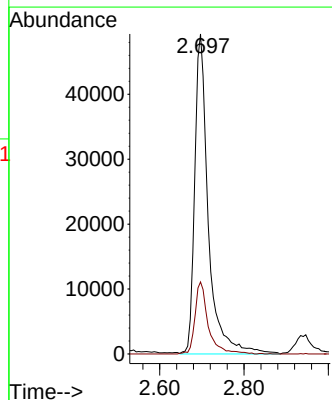
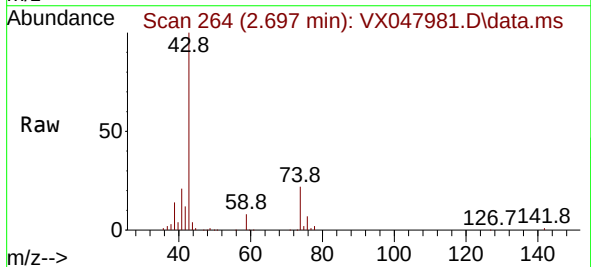
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

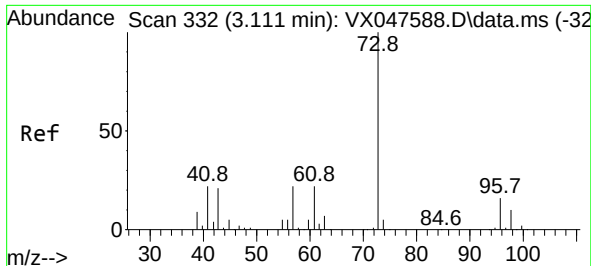
Tgt Ion: 76 Resp: 199354  
Ion Ratio Lower Upper  
76 100  
78 9.4 6.8 10.2



#18  
Methyl Acetate  
Concen: 54.445 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 43 Resp: 110641  
Ion Ratio Lower Upper  
43 100  
74 21.9 17.4 26.2

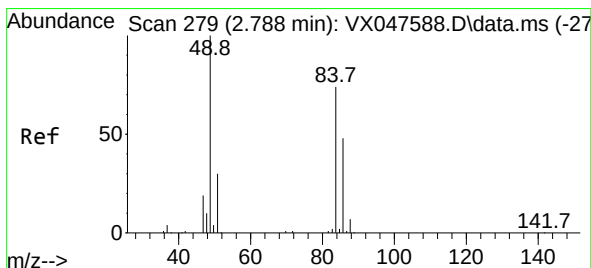
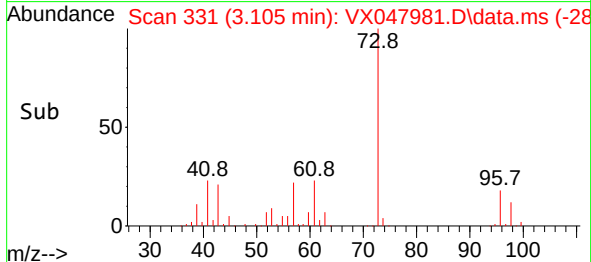
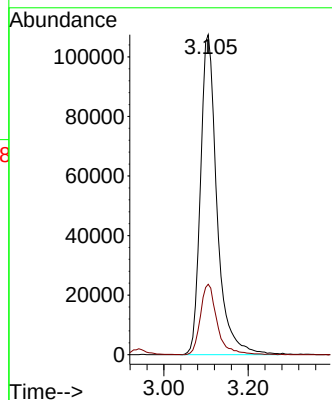
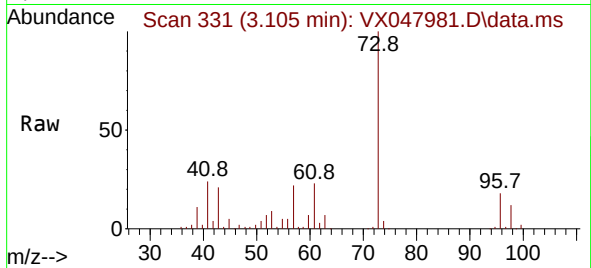




#19  
Methyl tert-butyl Ether  
Concen: 51.168 ug/l  
RT: 3.105 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

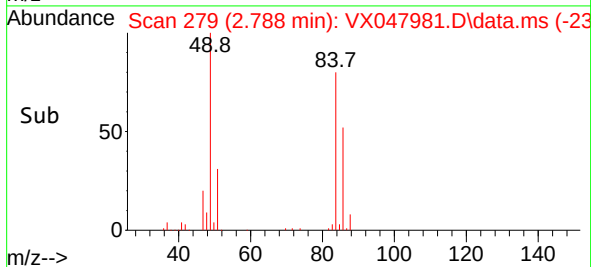
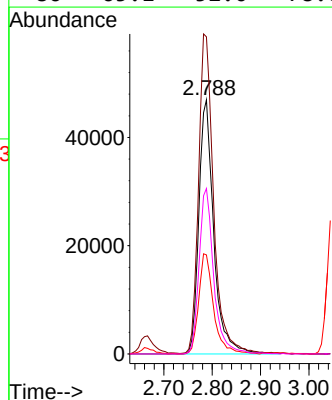
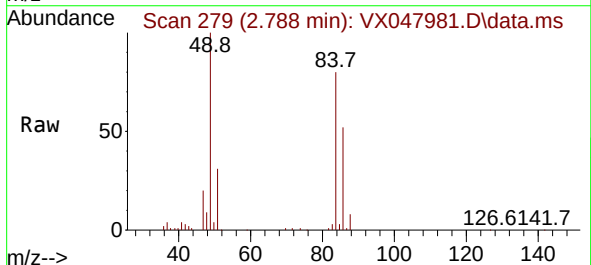
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

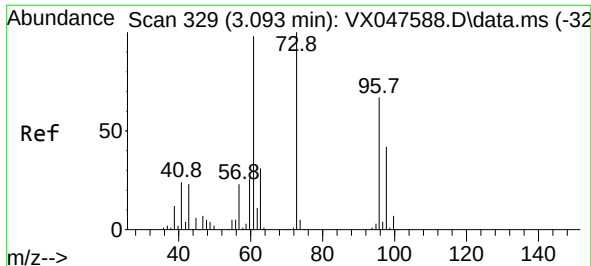
Tgt Ion: 73 Resp: 292796  
Ion Ratio Lower Upper  
73 100  
57 22.0 17.4 26.2



#20  
Methylene Chloride  
Concen: 51.991 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 84 Resp: 100491  
Ion Ratio Lower Upper  
84 100  
49 124.6 108.6 162.8  
51 39.0 32.6 48.8  
86 65.1 52.0 78.0

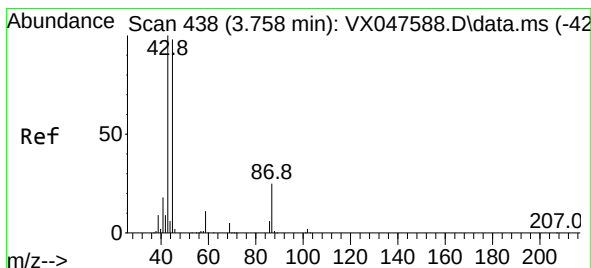
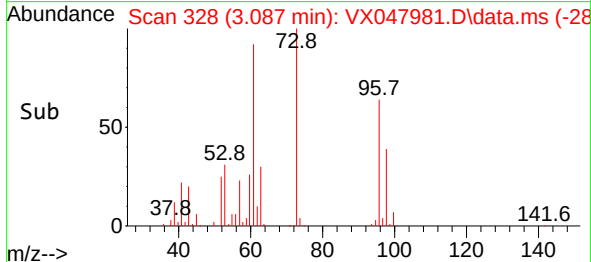
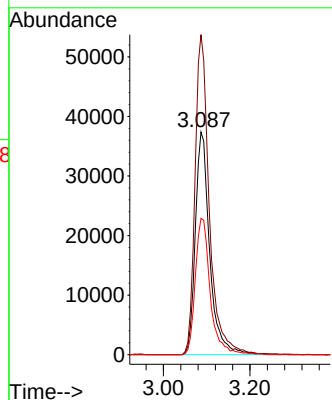
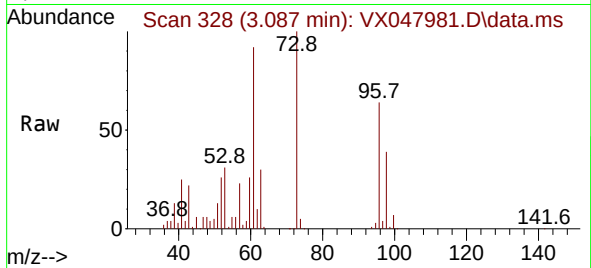




#21  
trans-1,2-Dichloroethene  
Concen: 51.136 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

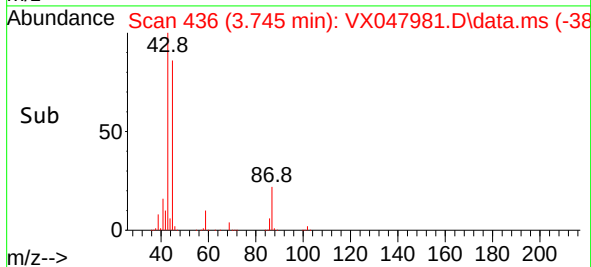
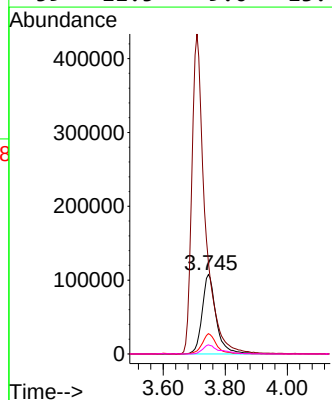
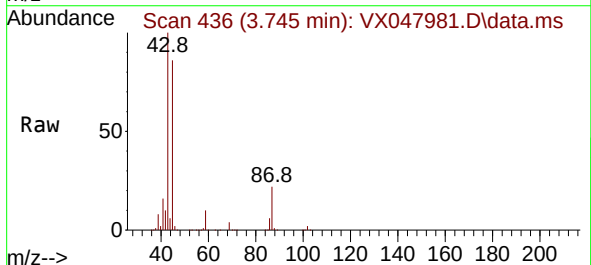
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

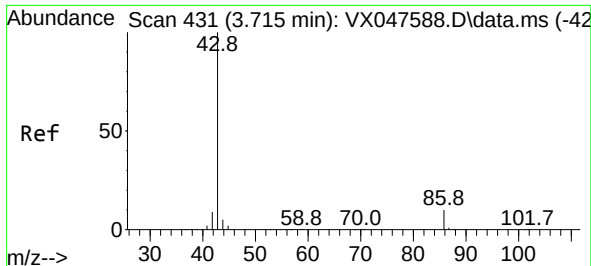
Tgt Ion: 96 Resp: 86300  
Ion Ratio Lower Upper  
96 100  
61 143.8 116.2 174.2  
98 61.3 49.3 73.9



#22  
Diisopropyl ether  
Concen: 53.792 ug/l  
RT: 3.745 min Scan# 436  
Delta R.T. -0.012 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 45 Resp: 337219  
Ion Ratio Lower Upper  
45 100  
43 116.3 81.0 121.4  
87 25.4 20.3 30.5  
59 11.5 9.0 13.4

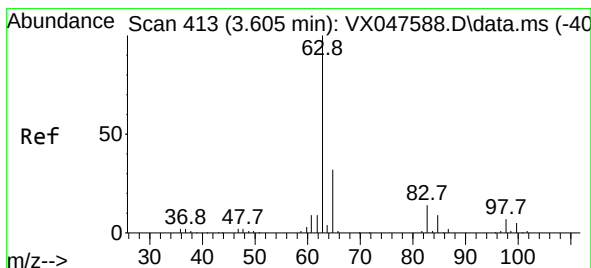
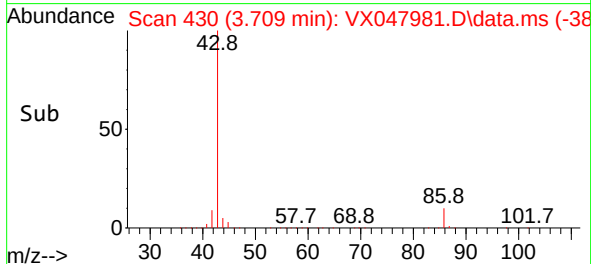
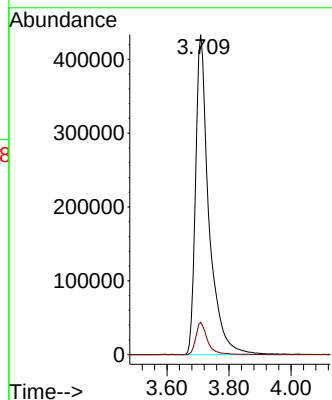
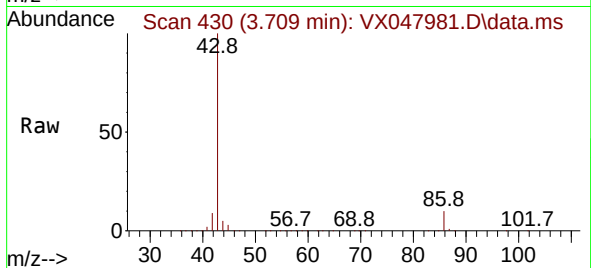




#23  
 Vinyl Acetate  
 Concen: 258.092 ug/l  
 RT: 3.709 min Scan# 412  
 Delta R.T. -0.006 min  
 Lab File: VX047981.D  
 Acq: 03 Oct 2025 09:35

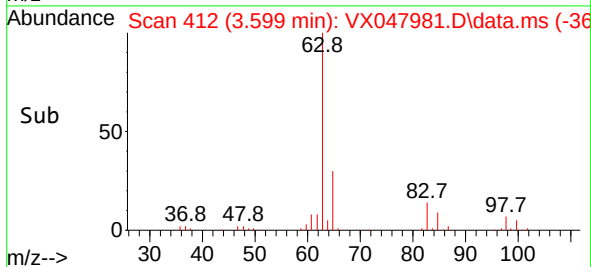
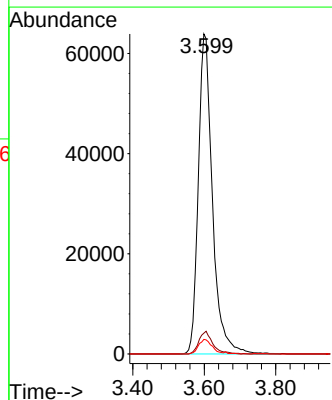
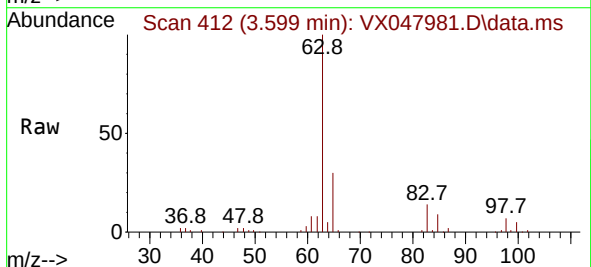
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 1294922  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 7.8 11.8

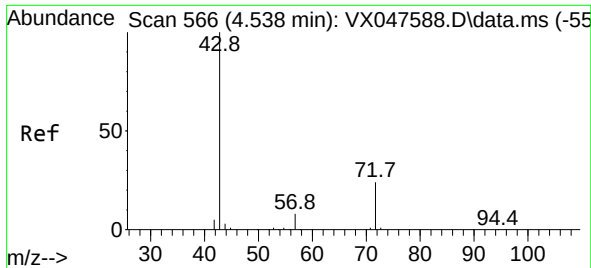


#24  
 1,1-Dichloroethane  
 Concen: 52.515 ug/l  
 RT: 3.599 min Scan# 412  
 Delta R.T. -0.006 min  
 Lab File: VX047981.D  
 Acq: 03 Oct 2025 09:35

Tgt Ion: 63 Resp: 174979  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.8 11.2  
 100 4.6 2.3 6.9



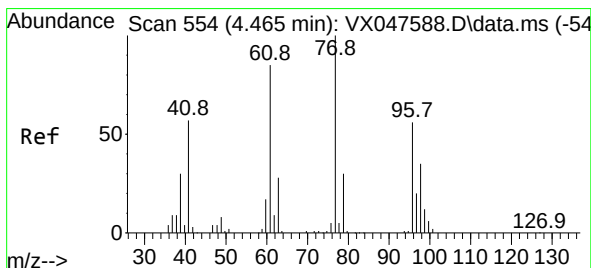
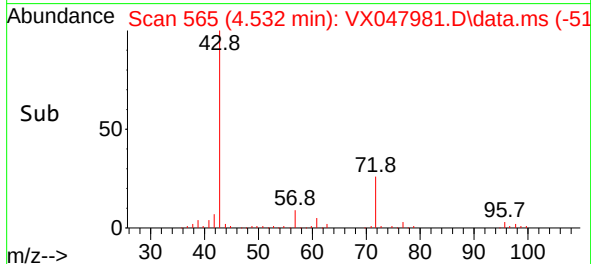
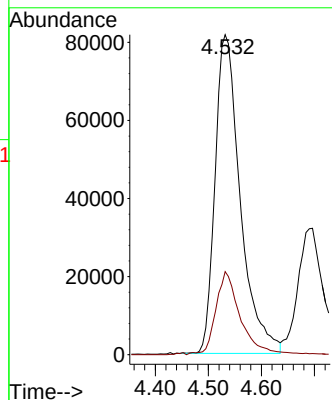
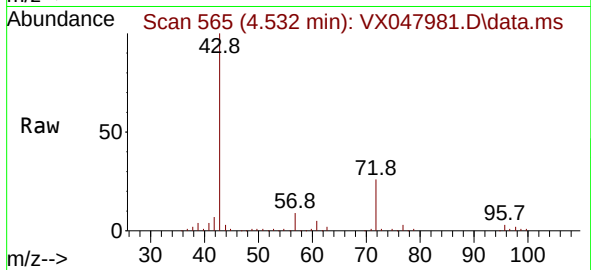




#25  
2-Butanone  
Concen: 236.489 ug/l  
RT: 4.532 min Scan# 5  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

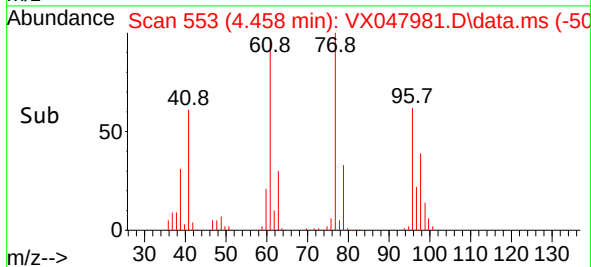
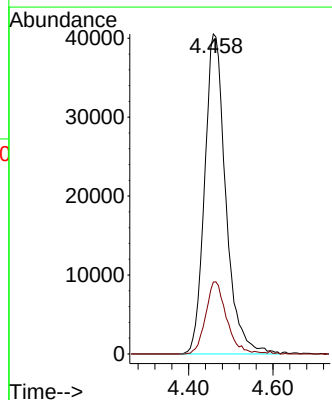
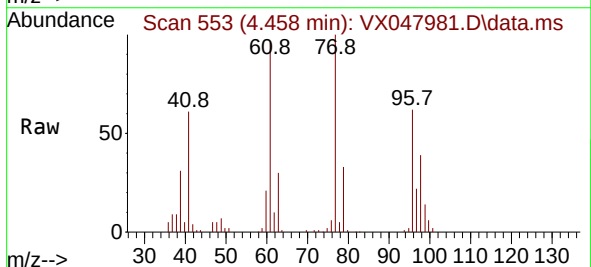
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

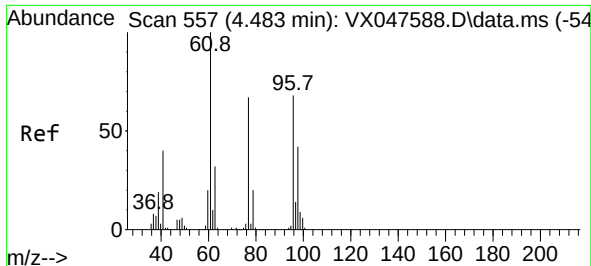
Tgt Ion: 43 Resp: 269365  
Ion Ratio Lower Upper  
43 100  
72 25.7 20.1 30.1



#26  
2,2-Dichloropropane  
Concen: 51.006 ug/l  
RT: 4.458 min Scan# 553  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 77 Resp: 141274  
Ion Ratio Lower Upper  
77 100  
97 22.4 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 52.794 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

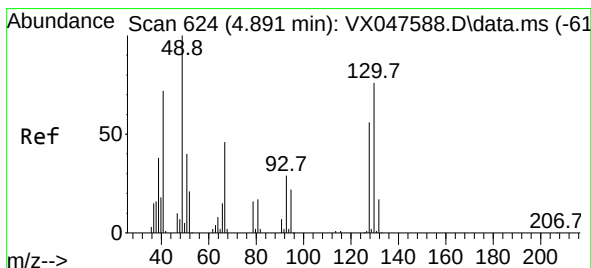
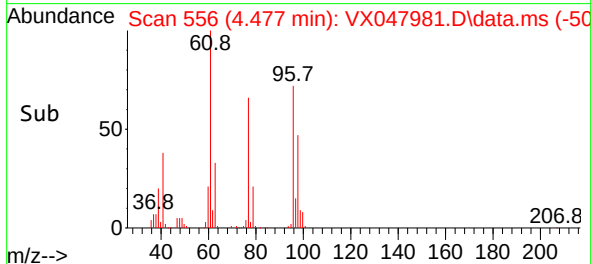
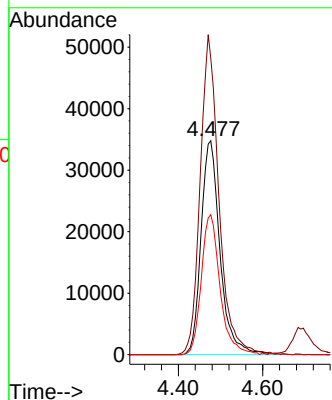
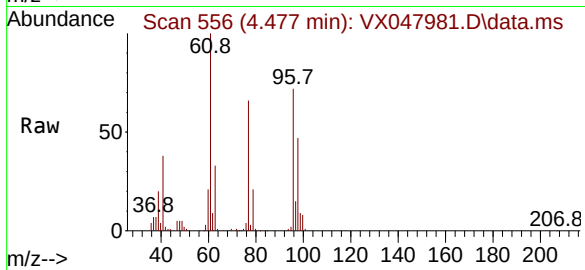
Tgt Ion: 96 Resp: 109115

Ion Ratio Lower Upper

96 100

61 148.1 0.0 303.2

98 64.6 0.0 127.8



#28

Bromochloromethane

Concen: 53.648 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

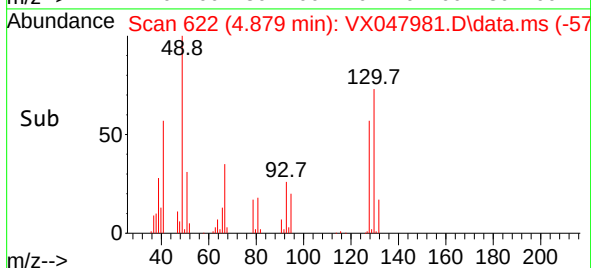
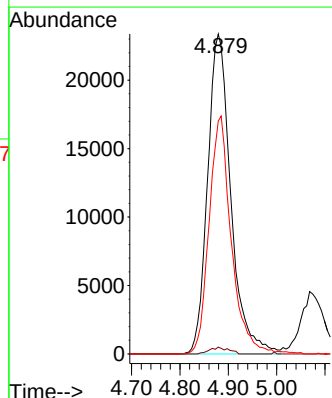
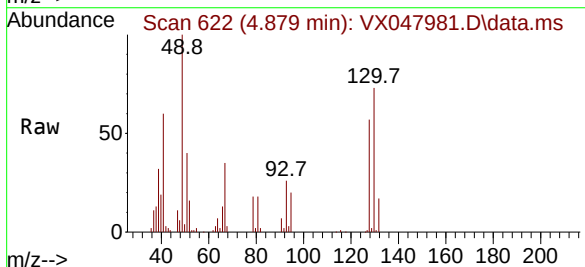
Tgt Ion: 49 Resp: 78038

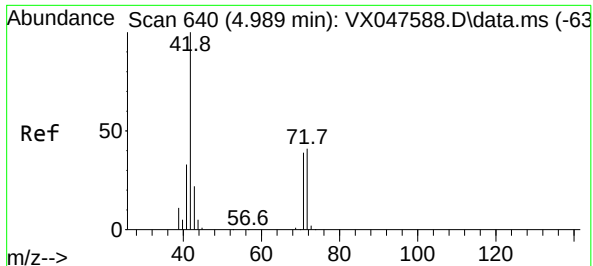
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.2

130 71.1 57.8 86.8





#29

Tetrahydrofuran

Concen: 235.207 ug/l

RT: 4.977 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

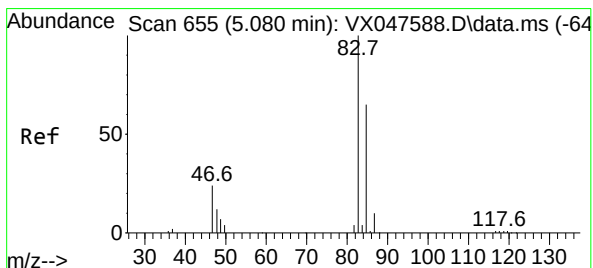
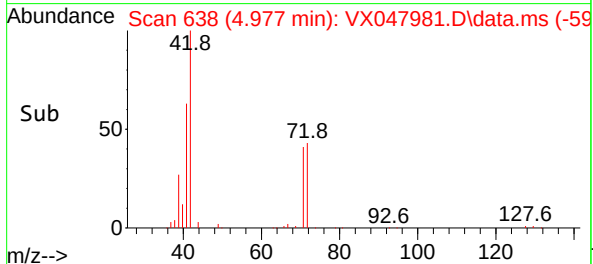
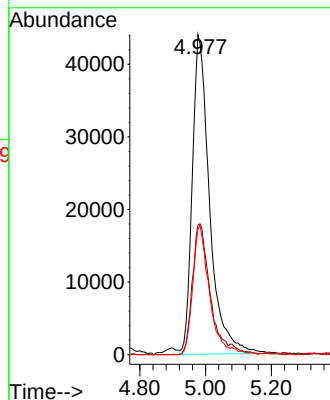
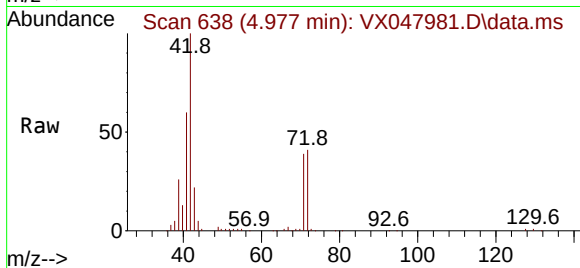
Tgt Ion: 42 Resp: 161165

Ion Ratio Lower Upper

42 100

72 42.6 34.2 51.2

71 38.8 31.9 47.9



#30

Chloroform

Concen: 54.270 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX047981.D

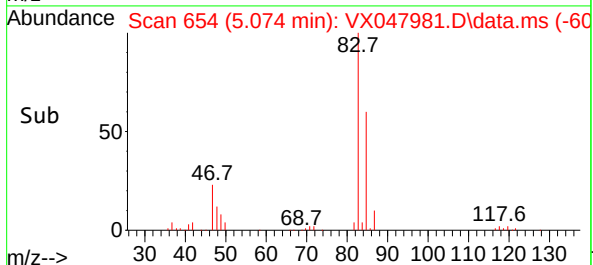
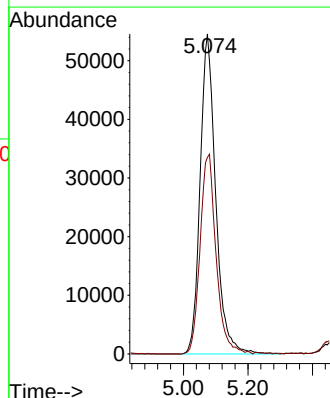
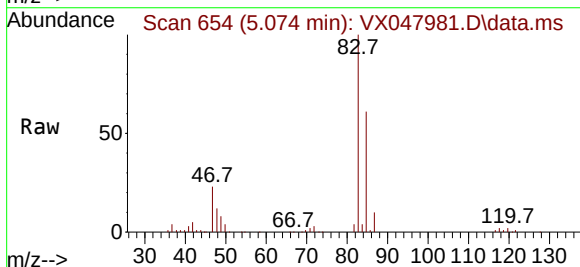
Acq: 03 Oct 2025 09:35

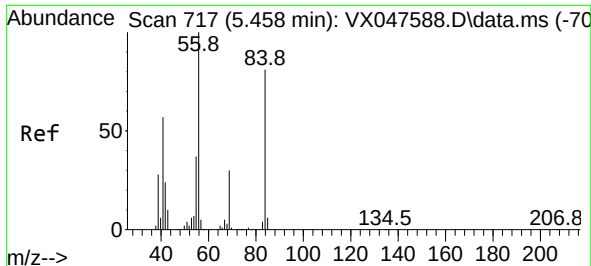
Tgt Ion: 83 Resp: 182731

Ion Ratio Lower Upper

83 100

85 61.4 51.8 77.6

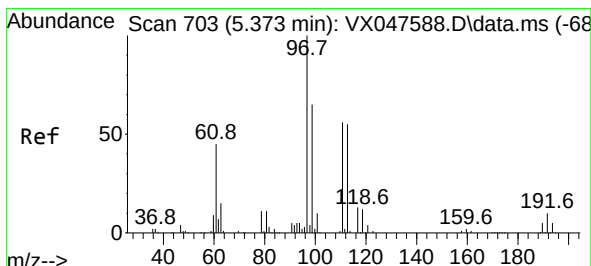
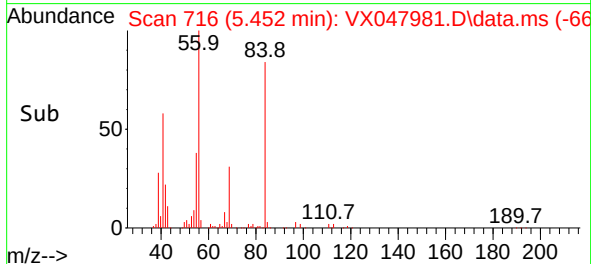
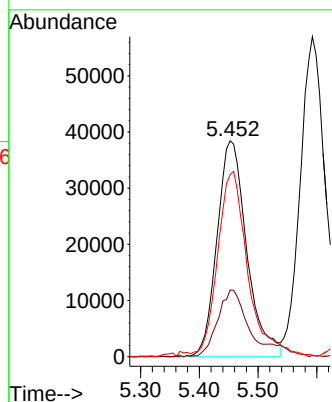
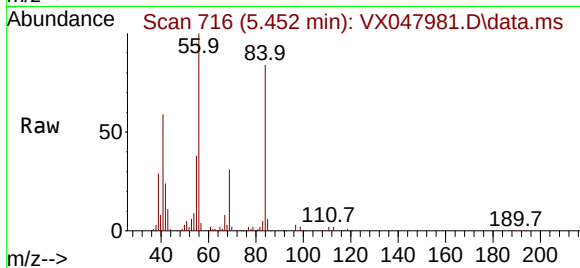




#31  
Cyclohexane  
Concen: 48.665 ug/l  
RT: 5.452 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

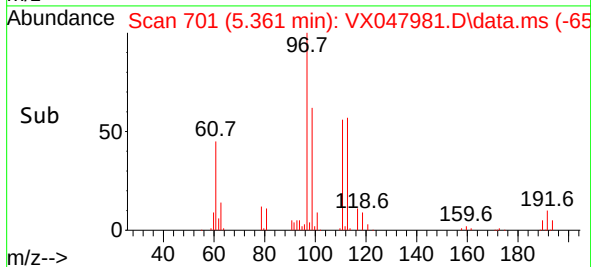
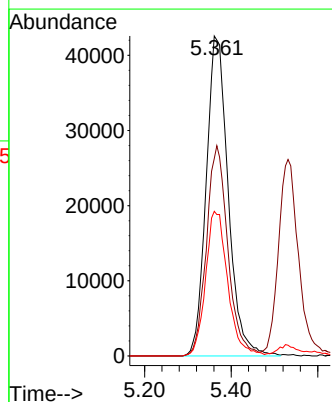
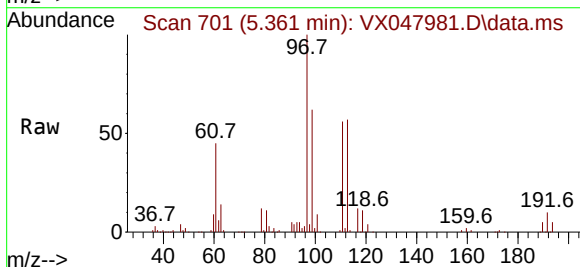
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

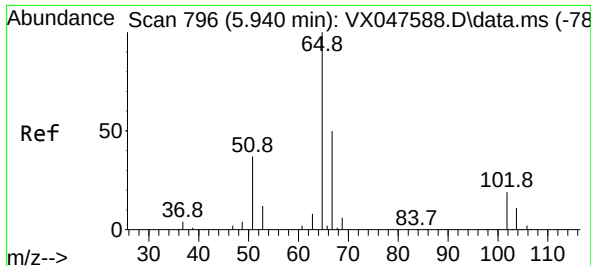
Tgt Ion: 56 Resp: 135050  
Ion Ratio Lower Upper  
56 100  
69 30.3 23.8 35.8  
84 81.8 64.6 97.0



#32  
1,1,1-Trichloroethane  
Concen: 52.659 ug/l  
RT: 5.361 min Scan# 701  
Delta R.T. -0.012 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 97 Resp: 150394  
Ion Ratio Lower Upper  
97 100  
99 63.9 50.6 76.0  
61 45.5 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 50.073 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

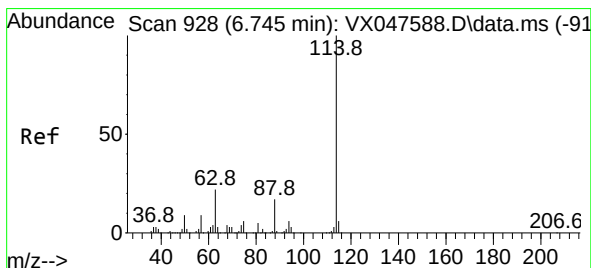
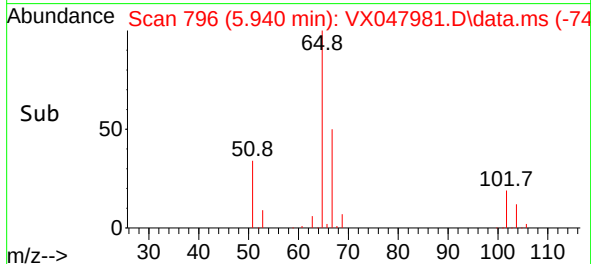
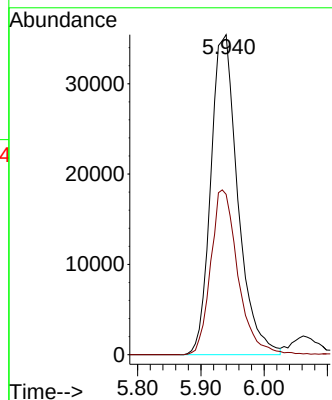
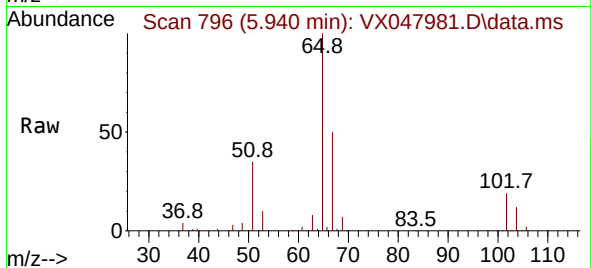
VSTDCCC050

Tgt Ion: 65 Resp: 105158

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

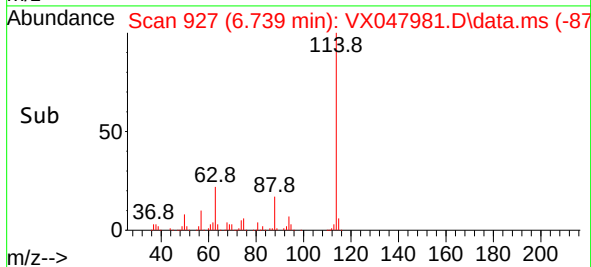
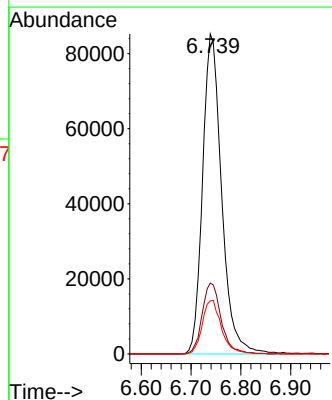
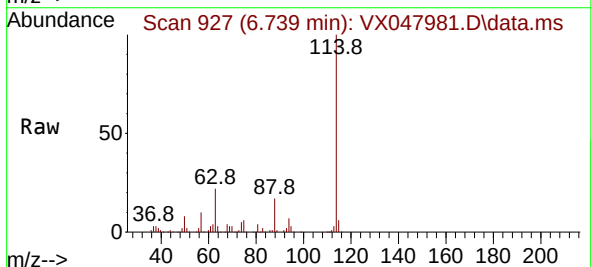
Tgt Ion: 114 Resp: 225878

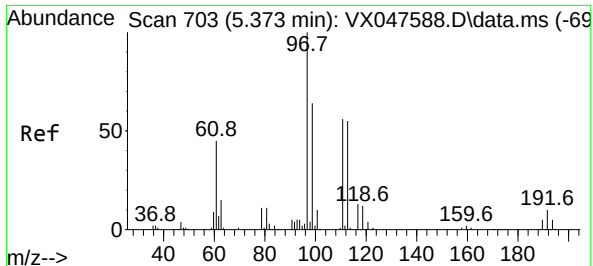
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.0

88 16.6 0.0 34.2





#35

Dibromofluoromethane

Concen: 54.487 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

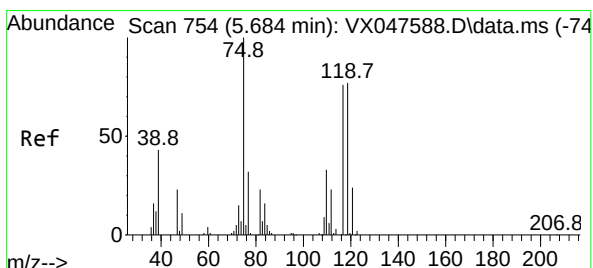
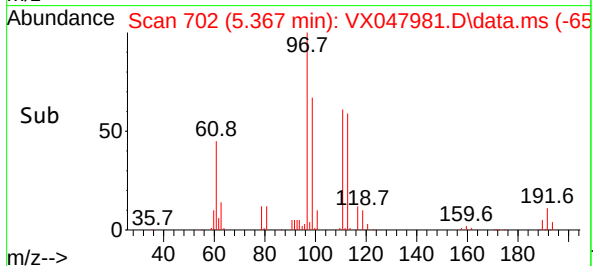
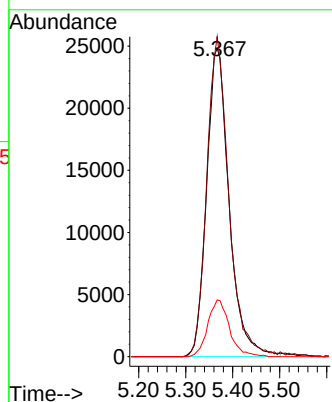
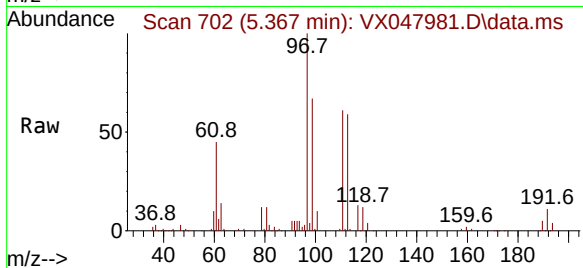
Tgt Ion:113 Resp: 82541

Ion Ratio Lower Upper

113 100

111 101.7 80.9 121.3

192 17.8 14.2 21.4



#36

1,1-Dichloropropene

Concen: 50.861 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

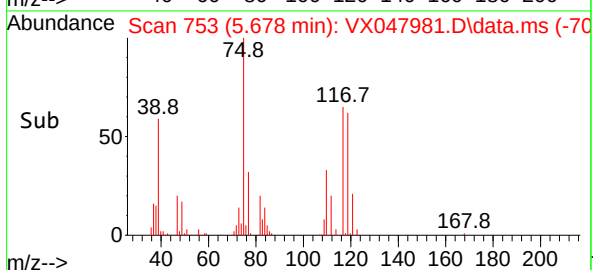
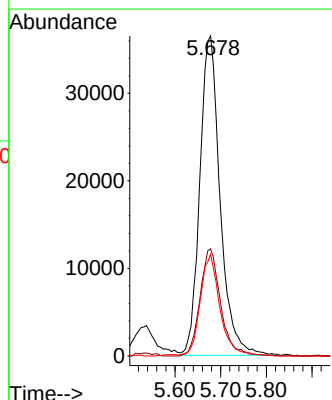
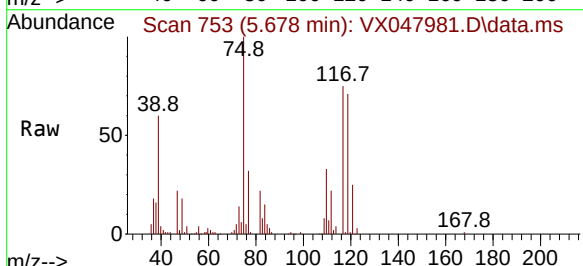
Tgt Ion: 75 Resp: 112584

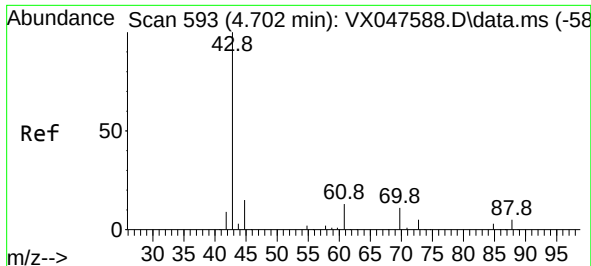
Ion Ratio Lower Upper

75 100

110 34.0 16.7 50.1

77 30.8 24.3 36.5





#37

Ethyl Acetate

Concen: 48.424 ug/l

RT: 4.696 min Scan# 593

Delta R.T. -0.006 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

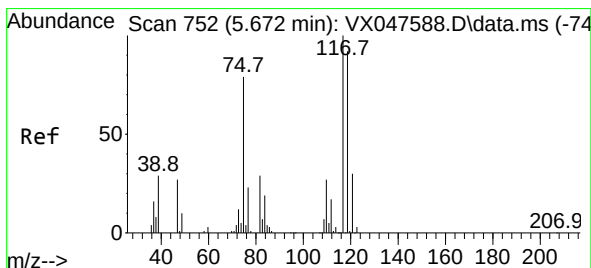
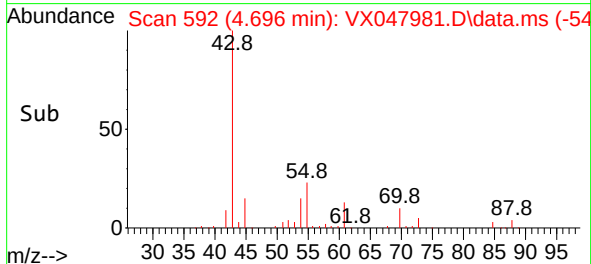
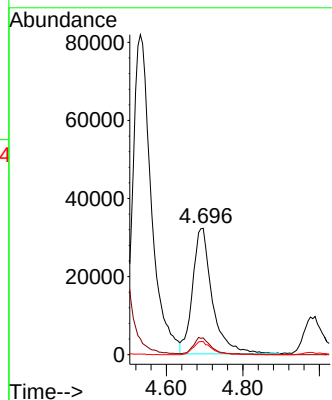
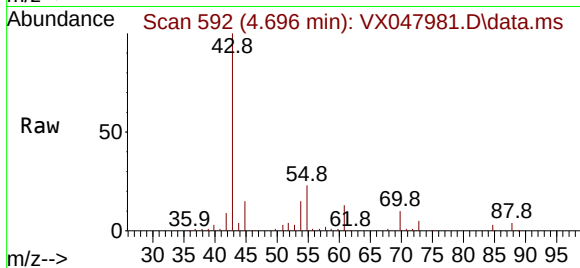
Tgt Ion: 43 Resp: 114770

Ion Ratio Lower Upper

43 100

61 11.1 9.8 14.8

70 10.0 7.9 11.9



#38

Carbon Tetrachloride

Concen: 53.085 ug/l

RT: 5.660 min Scan# 750

Delta R.T. -0.012 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

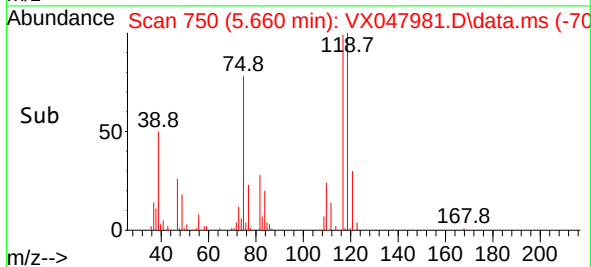
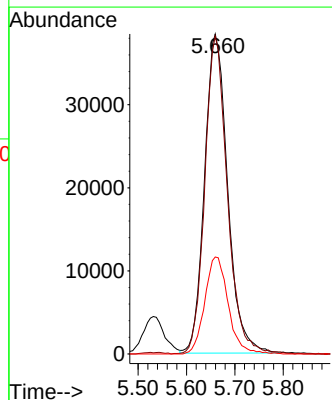
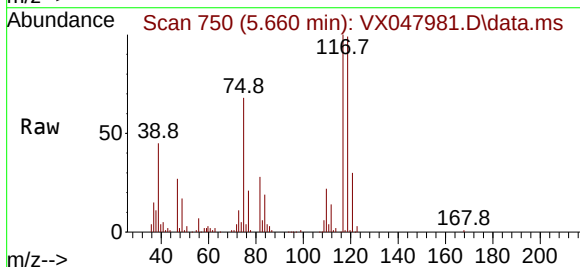
Tgt Ion: 117 Resp: 127673

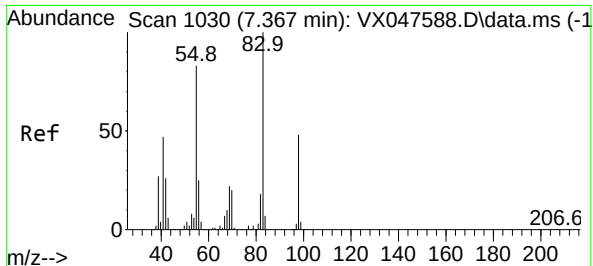
Ion Ratio Lower Upper

117 100

119 99.4 73.4 110.2

121 30.4 23.8 35.6





#39

Methylcyclohexane

Concen: 51.374 ug/l

RT: 7.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

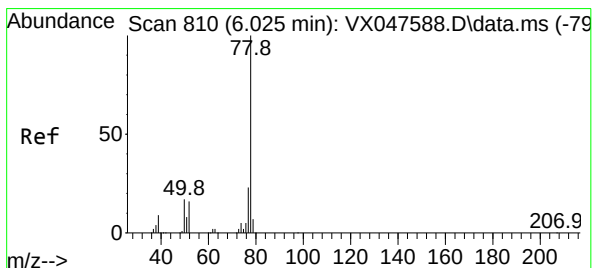
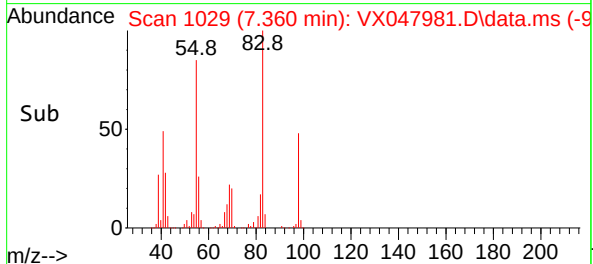
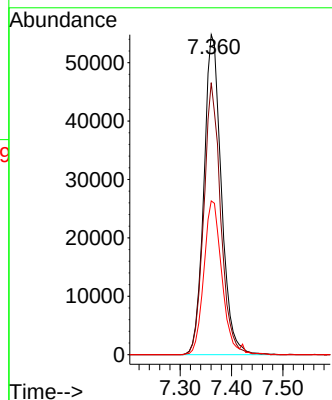
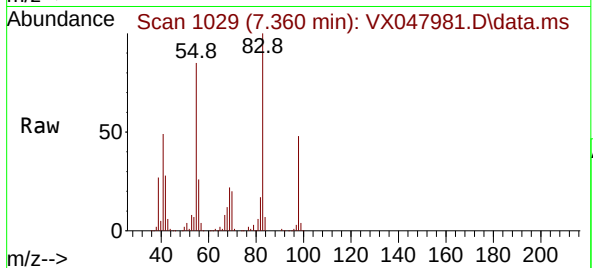
Tgt Ion: 83 Resp: 129087

Ion Ratio Lower Upper

83 100

55 85.0 66.4 99.6

98 48.0 38.1 57.1



#40

Benzene

Concen: 53.235 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX047981.D

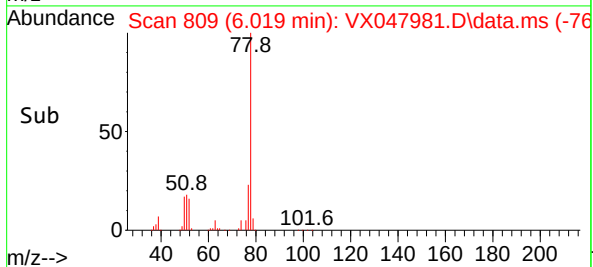
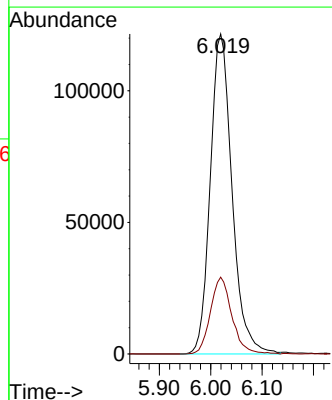
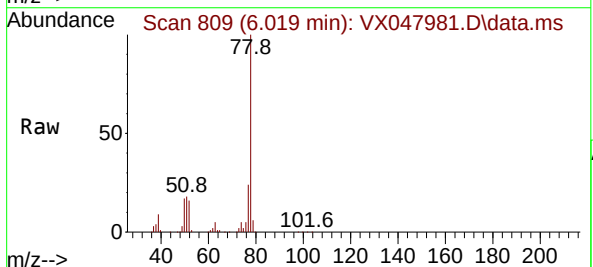
Acq: 03 Oct 2025 09:35

Tgt Ion: 78 Resp: 357908

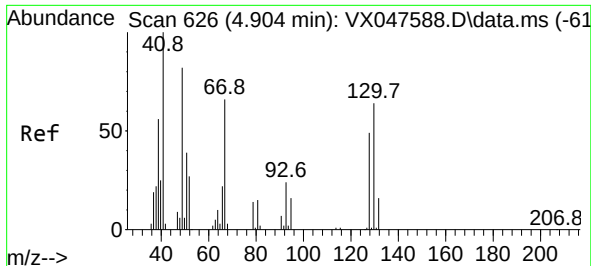
Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2





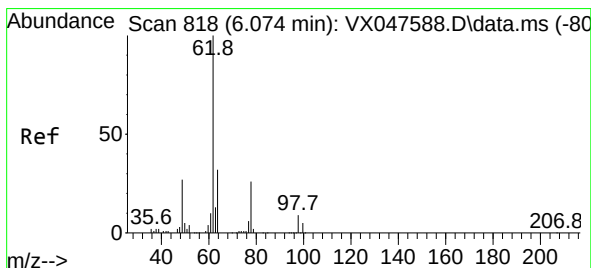
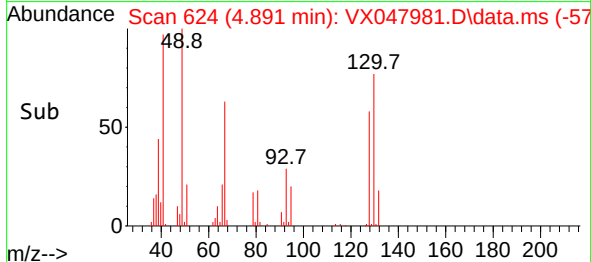
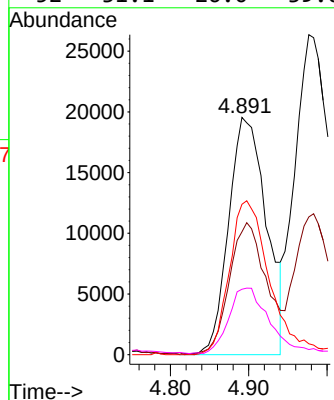
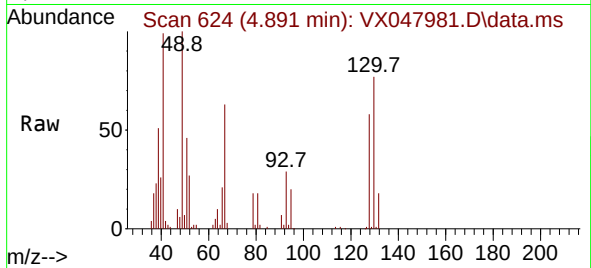


#41  
Methacrylonitrile  
Concen: 53.653 ug/l  
RT: 4.891 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 65648

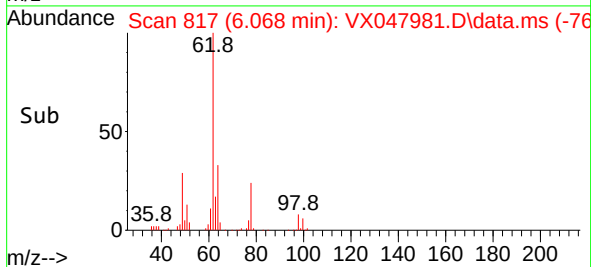
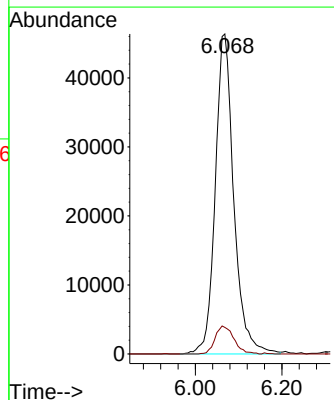
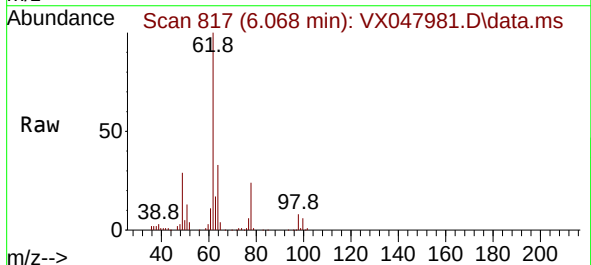
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 56.0  | 43.3  | 64.9  |
| 67  | 69.5  | 58.6  | 87.8  |
| 52  | 31.1  | 26.0  | 39.0  |

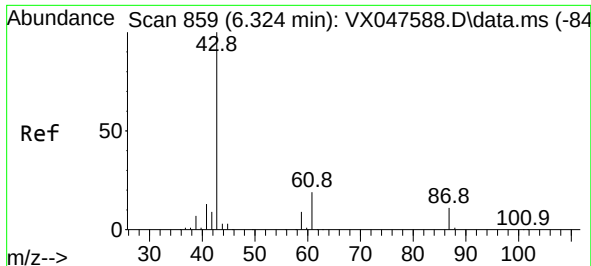


#42  
1,2-Dichloroethane  
Concen: 53.871 ug/l  
RT: 6.068 min Scan# 817  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 62 Resp: 137806

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.9   | 0.0   | 17.0  |

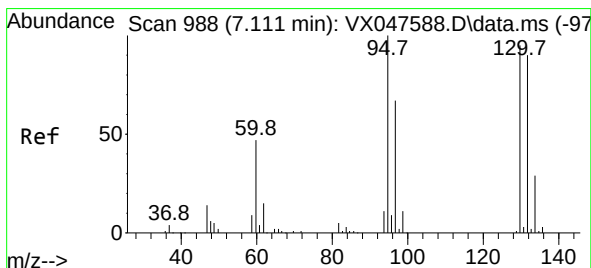
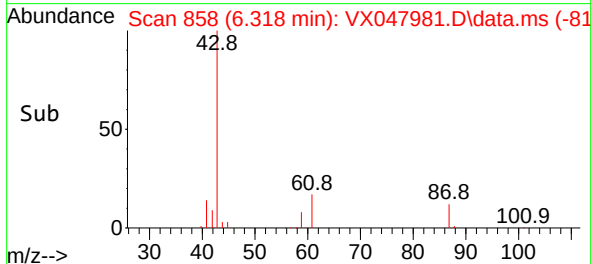
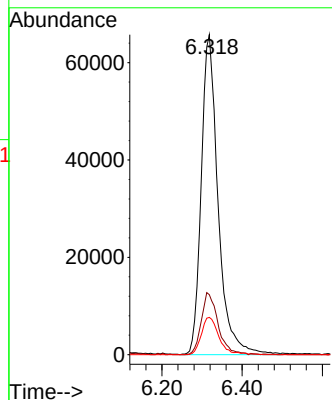
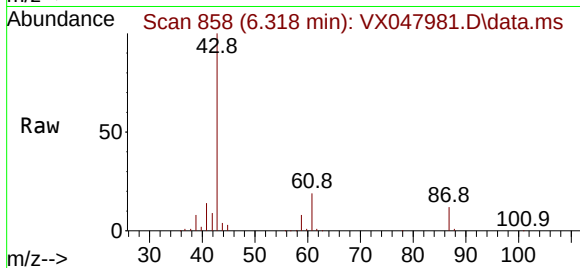




#43  
Isopropyl Acetate  
Concen: 49.355 ug/l  
RT: 6.318 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

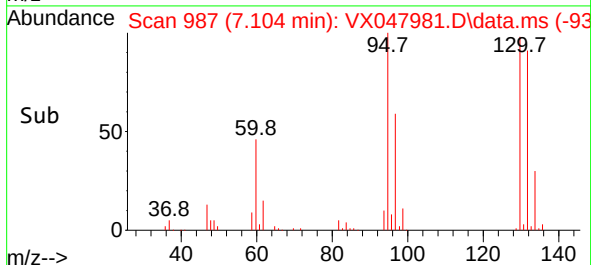
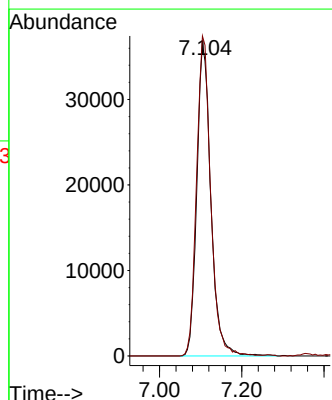
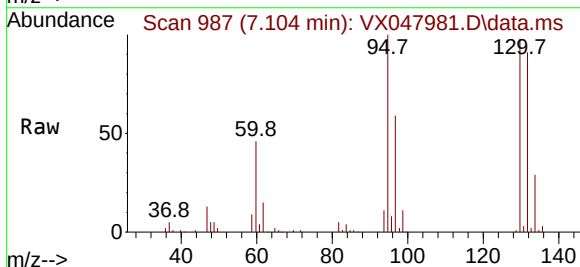
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

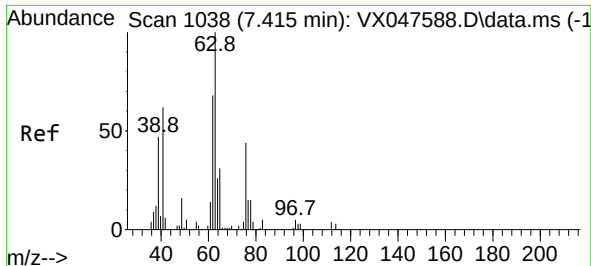
Tgt Ion: 43 Resp: 191848  
Ion Ratio Lower Upper  
43 100  
61 19.3 15.2 22.8  
87 12.2 9.6 14.4



#44  
Trichloroethene  
Concen: 53.434 ug/l  
RT: 7.104 min Scan# 987  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion:130 Resp: 86853  
Ion Ratio Lower Upper  
130 100  
95 102.4 0.0 210.8





#45

1,2-Dichloropropane

Concen: 55.851 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

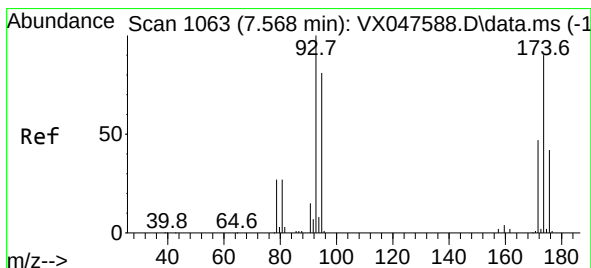
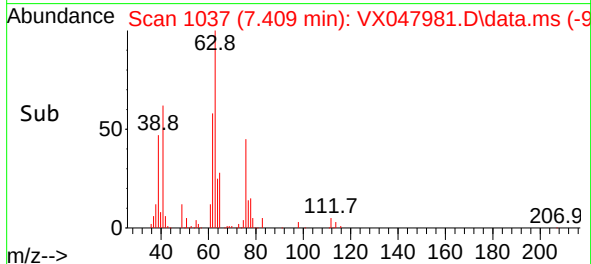
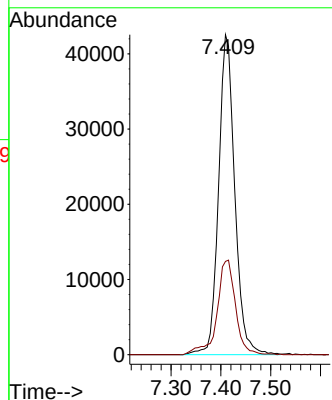
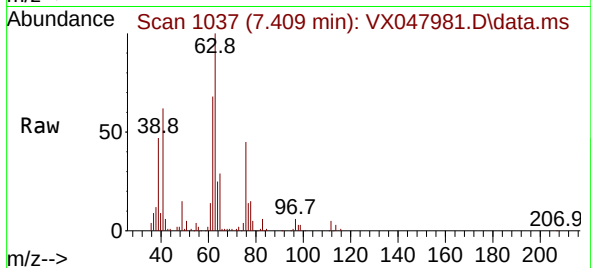
VSTDCCC050

Tgt Ion: 63 Resp: 96150

Ion Ratio Lower Upper

63 100

65 29.2 24.7 37.1



#46

Dibromomethane

Concen: 54.722 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

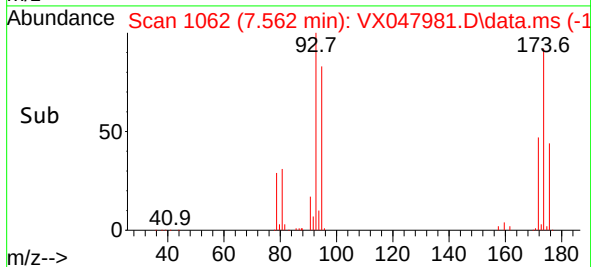
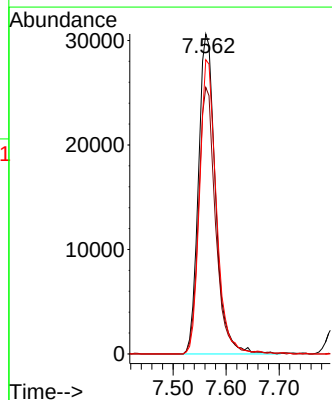
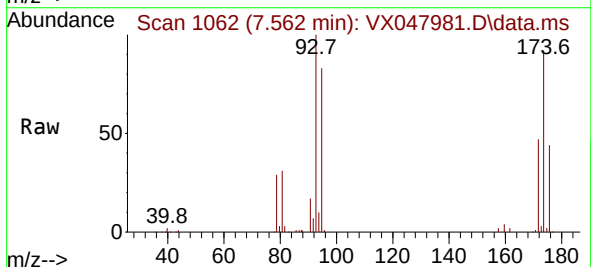
Tgt Ion: 93 Resp: 68555

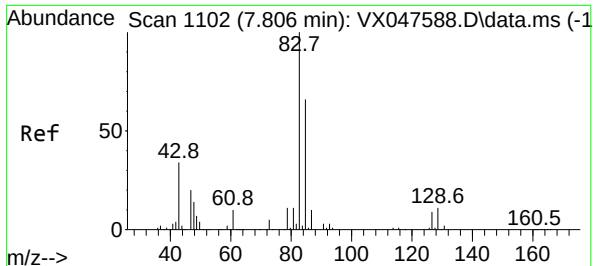
Ion Ratio Lower Upper

93 100

95 82.2 65.0 97.6

174 89.6 71.6 107.4

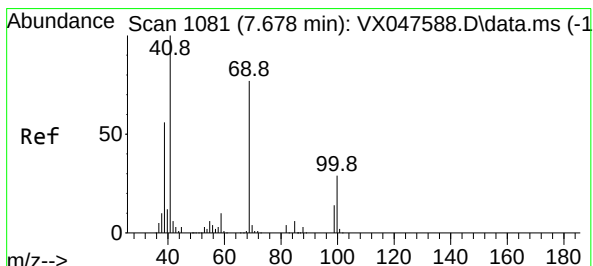
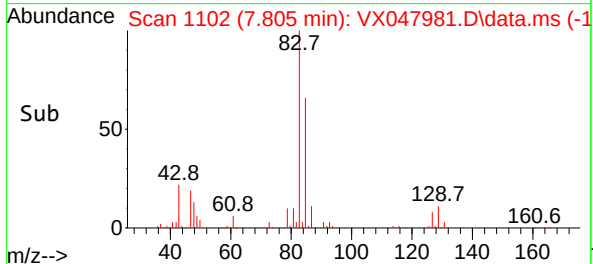
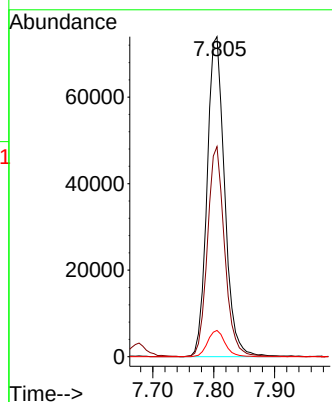
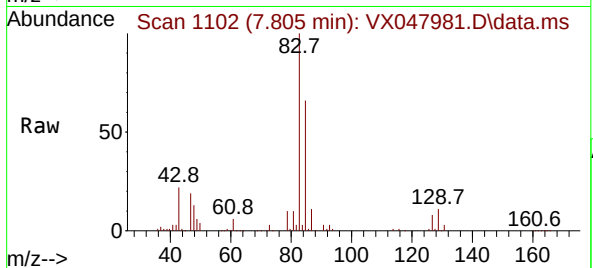




#47  
Bromodichloromethane  
Concen: 57.255 ug/l  
RT: 7.805 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

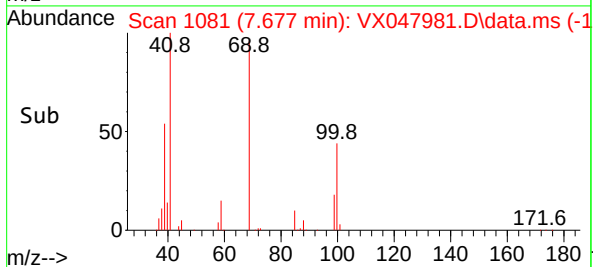
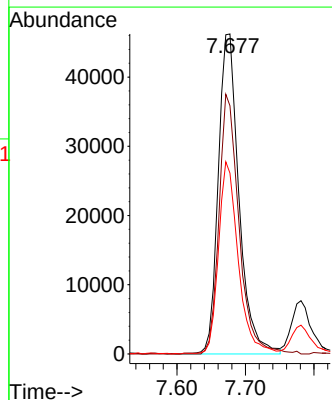
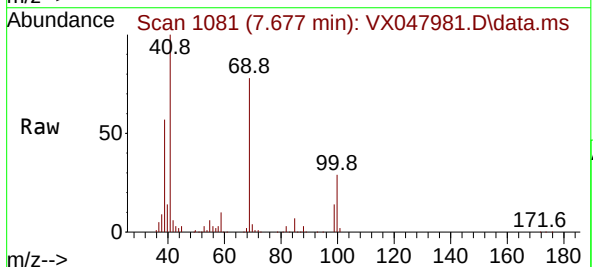
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

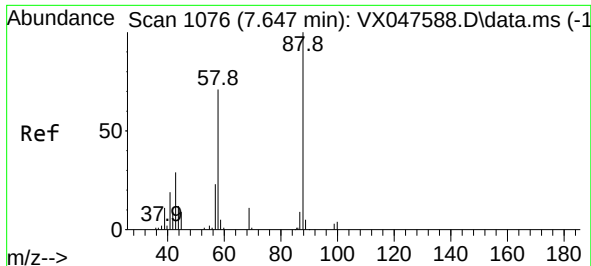
Tgt Ion: 83 Resp: 148015  
Ion Ratio Lower Upper  
83 100  
85 65.7 52.5 78.7  
127 8.2 6.9 10.3



#48  
Methyl methacrylate  
Concen: 50.106 ug/l  
RT: 7.677 min Scan# 1081  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 41 Resp: 97016  
Ion Ratio Lower Upper  
41 100  
69 78.2 61.4 92.2  
39 57.4 45.8 68.6





#49

1,4-Dioxane

Concen: 1102.746 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

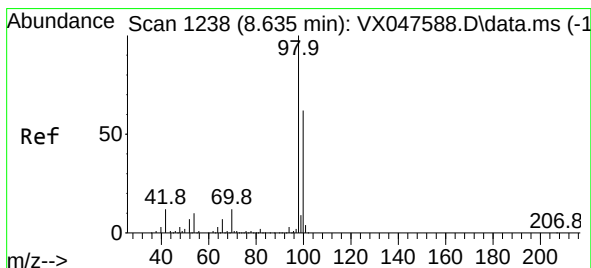
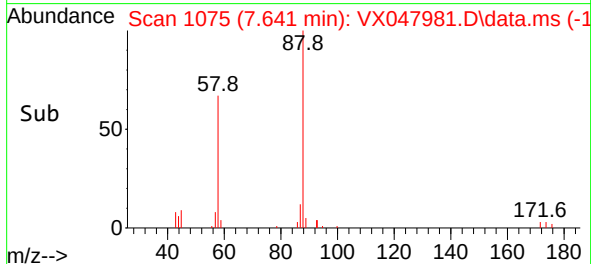
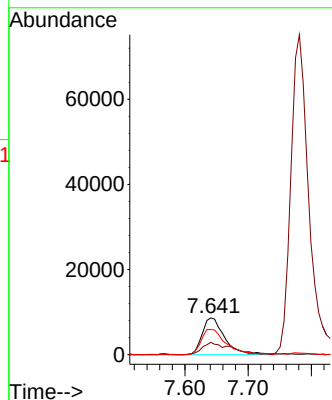
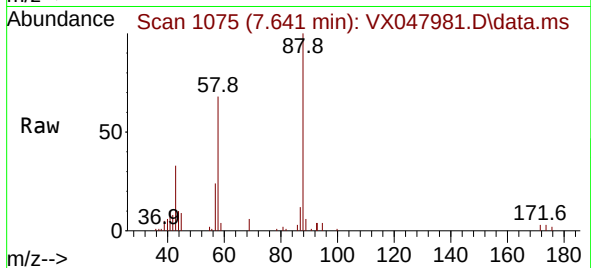
Tgt Ion: 88 Resp: 21578

Ion Ratio Lower Upper

88 100

43 41.4 30.2 45.2

58 75.0 59.5 89.3



#50

Toluene-d8

Concen: 52.341 ug/l

RT: 8.628 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VX047981.D

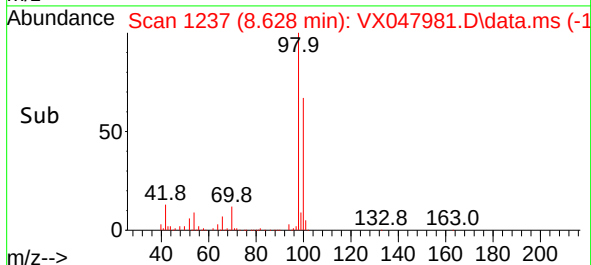
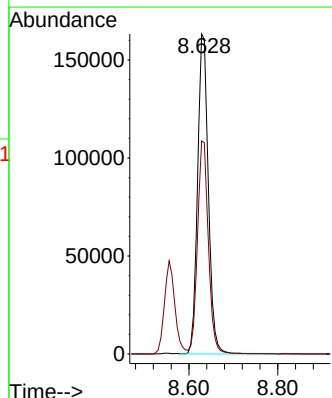
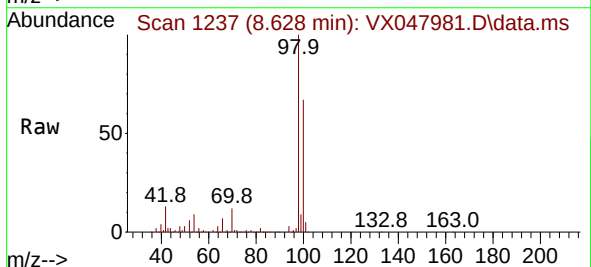
Acq: 03 Oct 2025 09:35

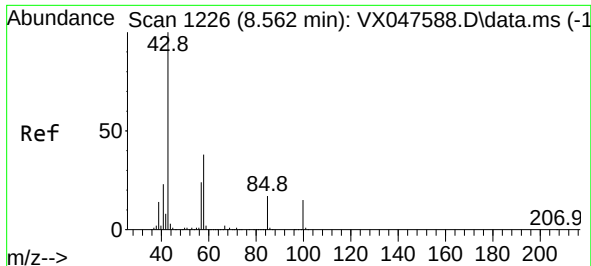
Tgt Ion: 98 Resp: 274356

Ion Ratio Lower Upper

98 100

100 67.0 53.0 79.4

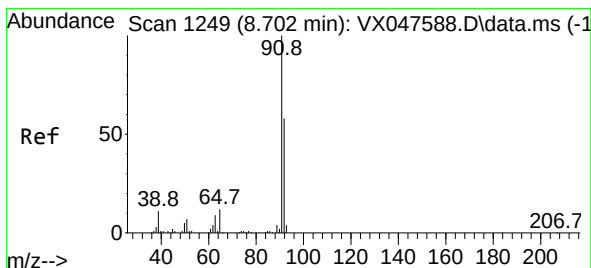
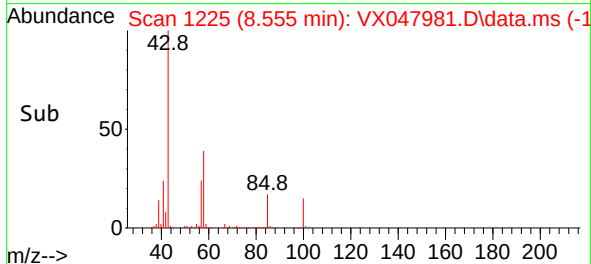
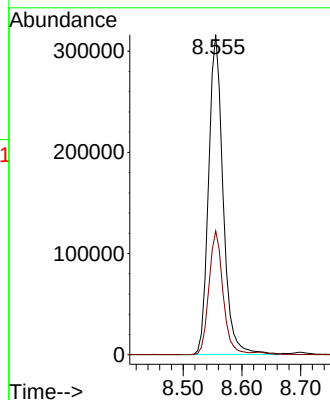
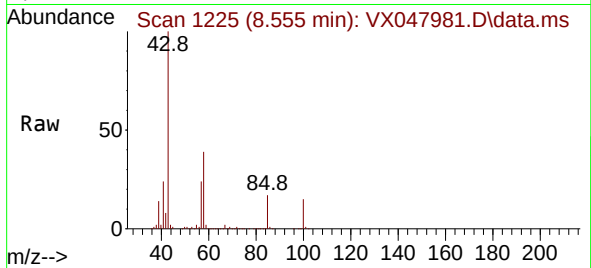




#51  
4-Methyl-2-Pentanone  
Concen: 251.926 ug/l  
RT: 8.555 min Scan# 1225  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

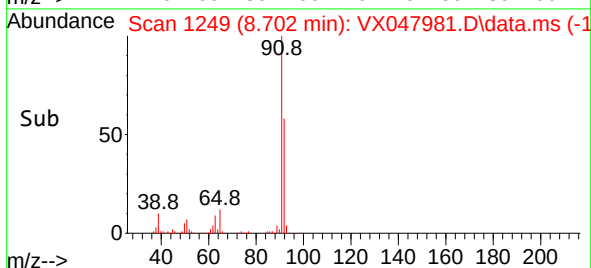
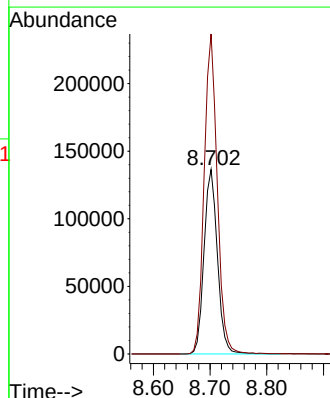
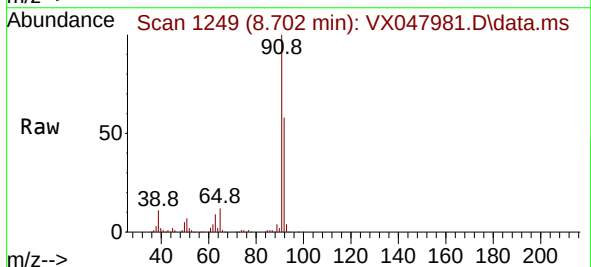
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

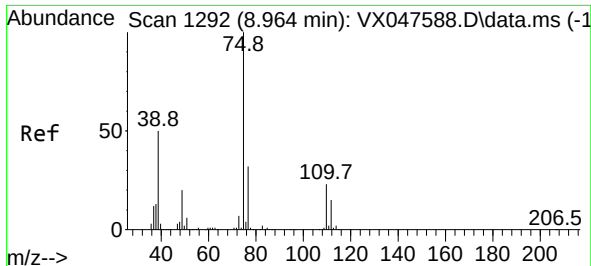
Tgt Ion: 43 Resp: 542948  
Ion Ratio Lower Upper  
43 100  
58 37.6 30.3 45.5



#52  
Toluene  
Concen: 53.932 ug/l  
RT: 8.702 min Scan# 1249  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 92 Resp: 223395  
Ion Ratio Lower Upper  
92 100  
91 170.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 56.258 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

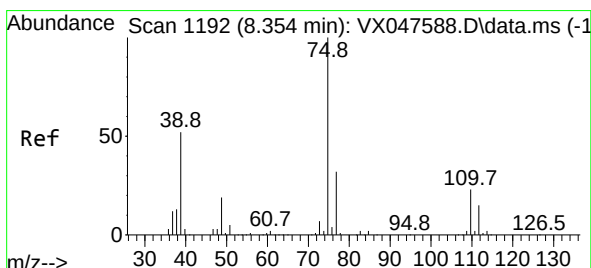
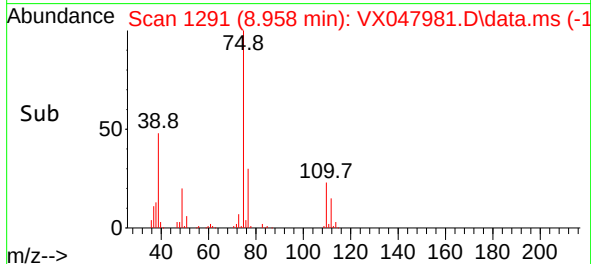
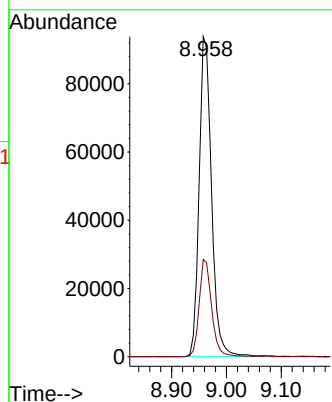
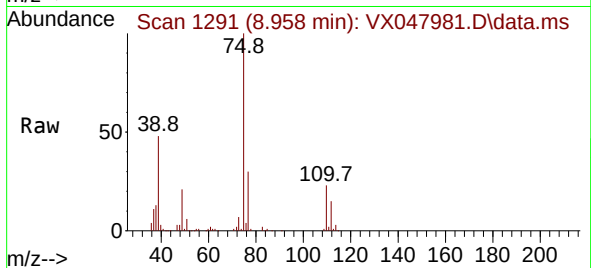
VSTDCCC050

Tgt Ion: 75 Resp: 148348

Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 55.904 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

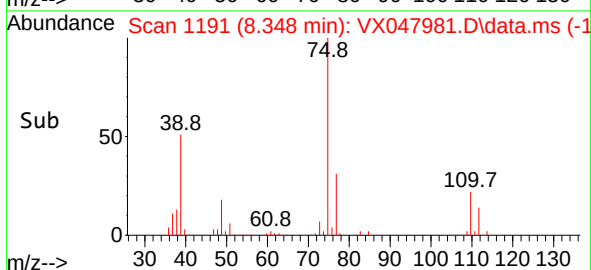
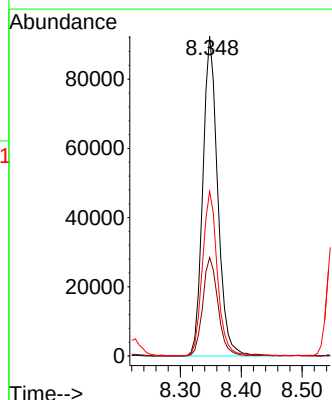
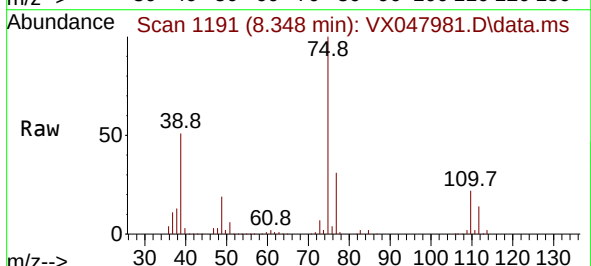
Tgt Ion: 75 Resp: 157563

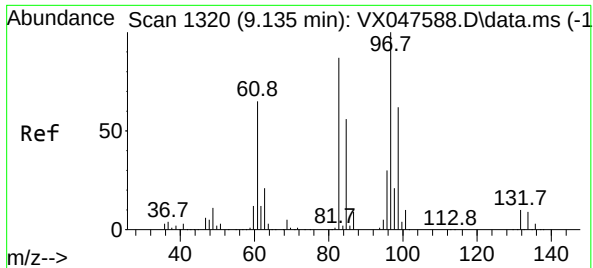
Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.6

39 50.8 41.4 62.2

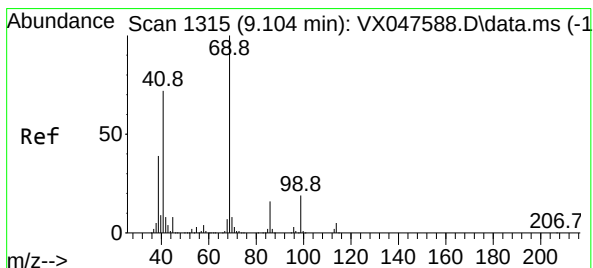
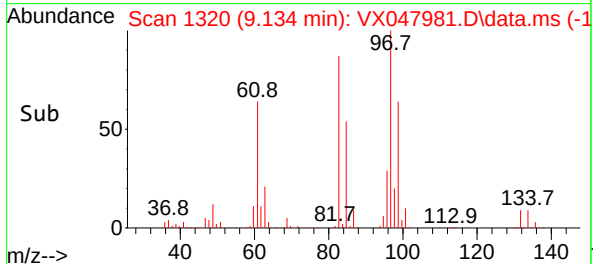
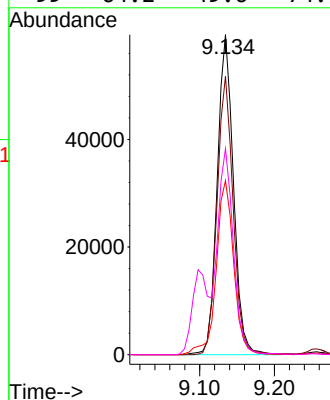
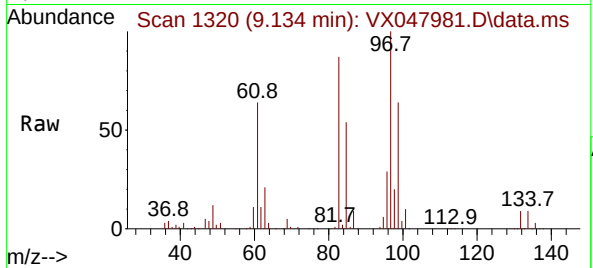




#55  
 1,1,2-Trichloroethane  
 Concen: 56.261 ug/l  
 RT: 9.134 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX047981.D  
 Acq: 03 Oct 2025 09:35

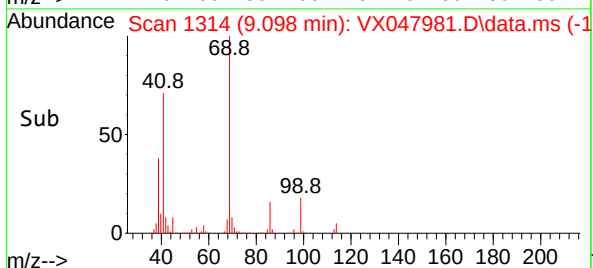
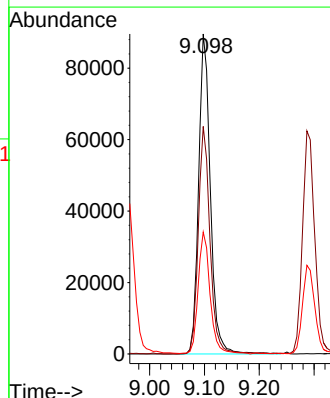
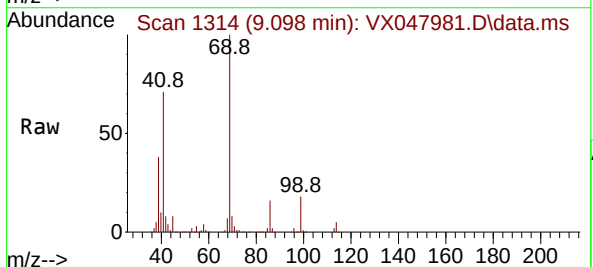
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 89860 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 87.1     | 69.6 104.4  |
| 85 54.4     | 45.0 67.6   |
| 99 64.2     | 49.6 74.4   |

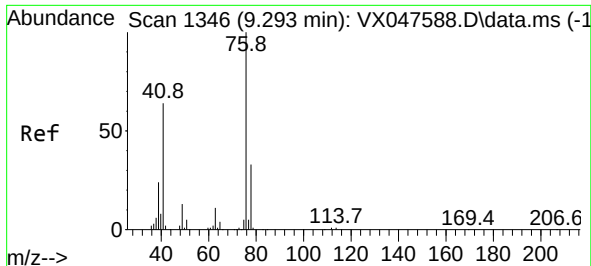


#56  
 Ethyl methacrylate  
 Concen: 53.383 ug/l  
 RT: 9.098 min Scan# 1314  
 Delta R.T. -0.006 min  
 Lab File: VX047981.D  
 Acq: 03 Oct 2025 09:35

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 133902 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 70.7     | 58.6 87.8    |
| 39 38.8     | 31.5 47.3    |







#57

1,3-Dichloropropane

Concen: 56.403 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

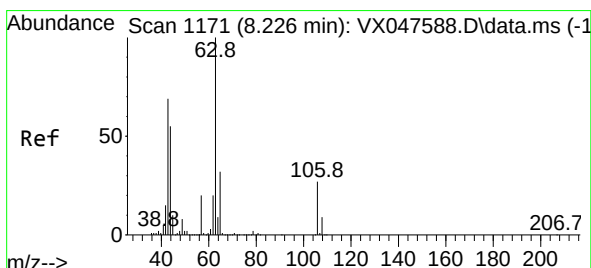
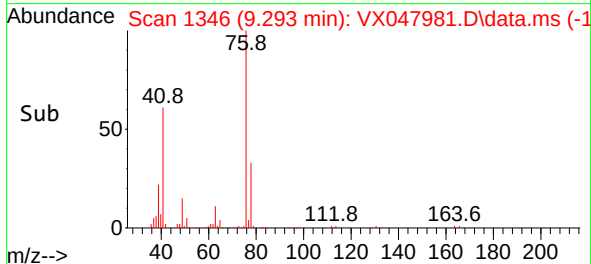
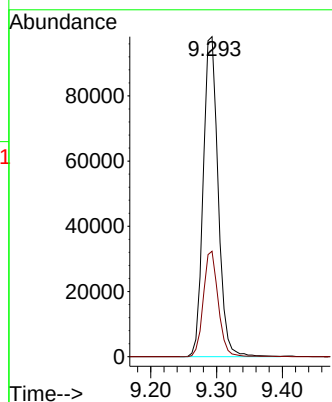
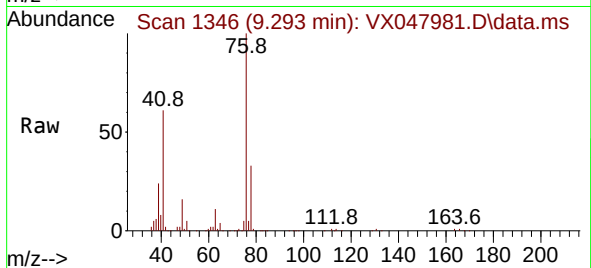
VSTDCCC050

Tgt Ion: 76 Resp: 154753

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 291.841 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX047981.D

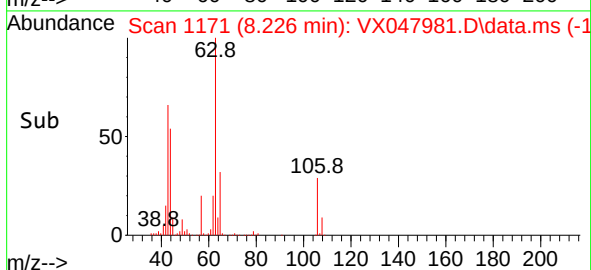
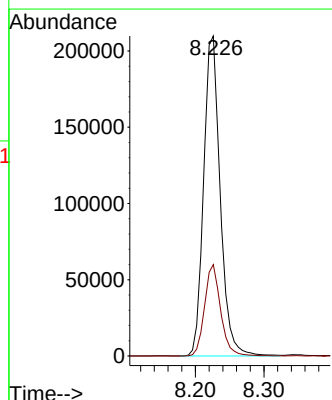
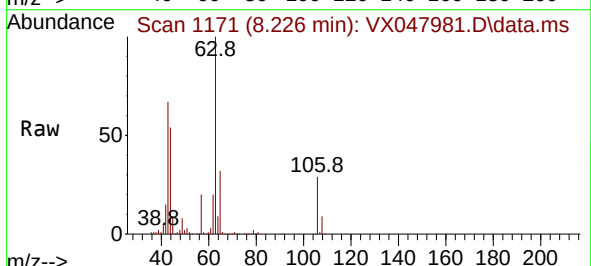
Acq: 03 Oct 2025 09:35

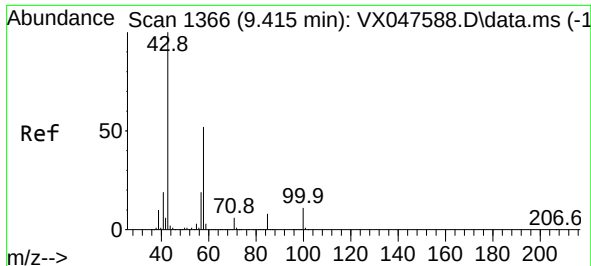
Tgt Ion: 63 Resp: 353607

Ion Ratio Lower Upper

63 100

106 27.6 21.9 32.9

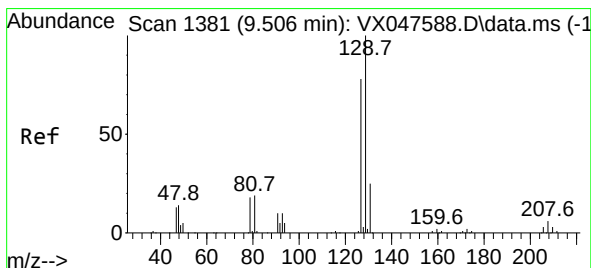
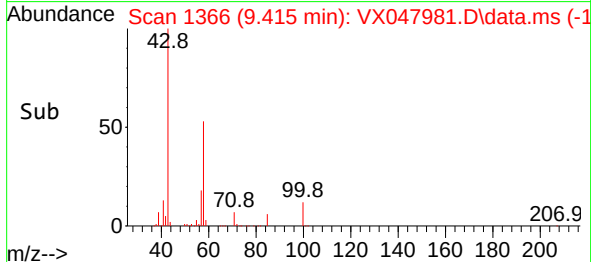
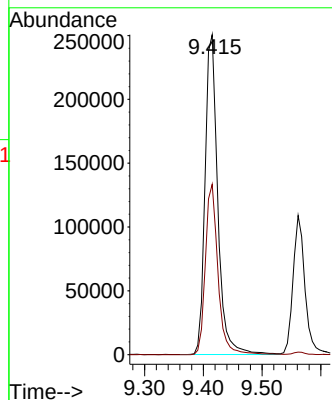
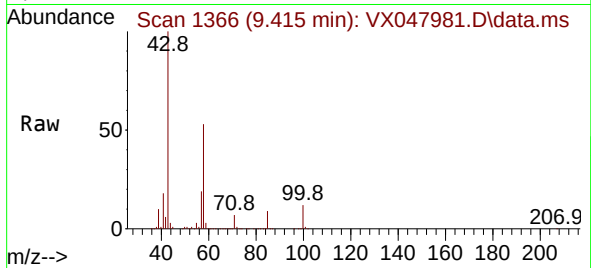




#59  
2-Hexanone  
Concen: 243.952 ug/l  
RT: 9.415 min Scan# 1366  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

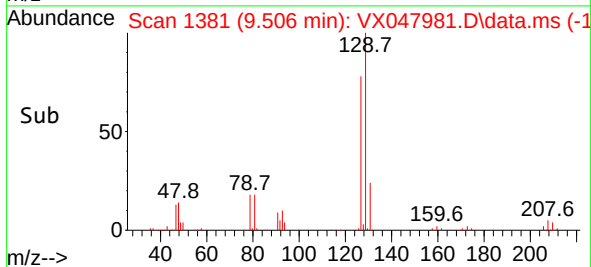
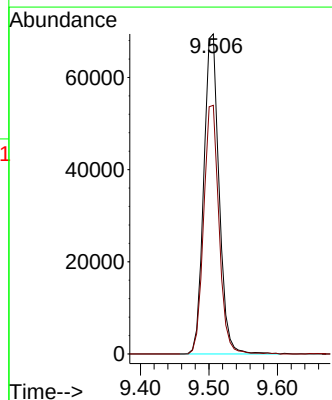
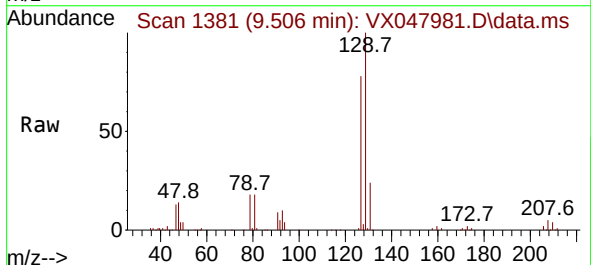
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

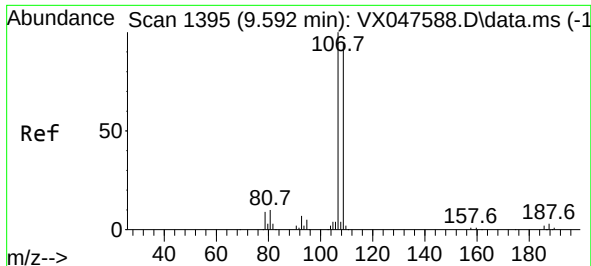
Tgt Ion: 43 Resp: 377604  
Ion Ratio Lower Upper  
43 100  
58 52.9 26.1 78.2



#60  
Dibromochloromethane  
Concen: 58.621 ug/l  
RT: 9.506 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 129 Resp: 107882  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.4 115.2

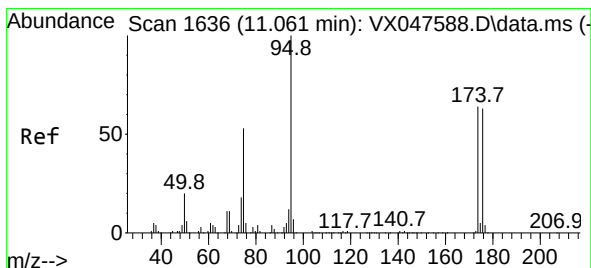
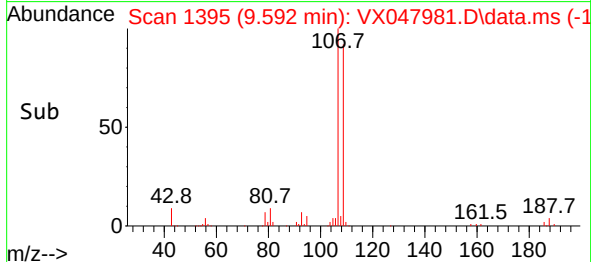
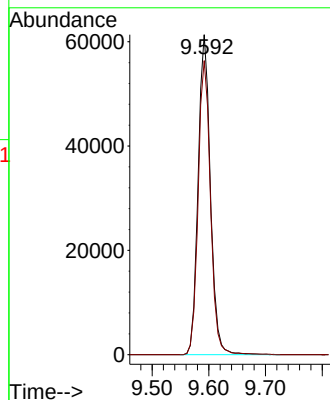
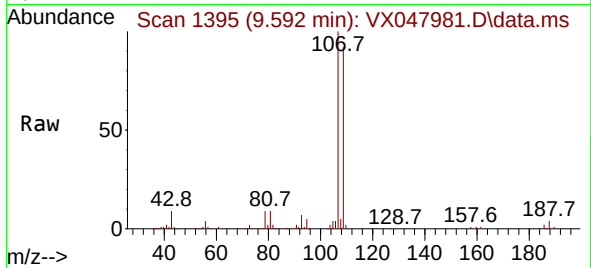




#61  
1,2-Dibromoethane  
Concen: 56.633 ug/l  
RT: 9.592 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

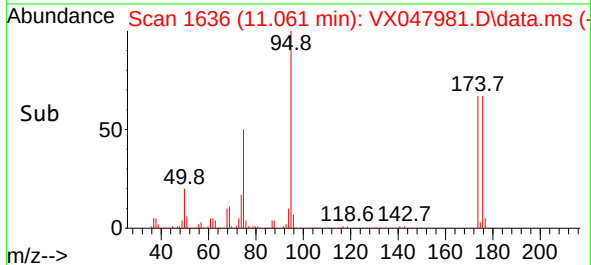
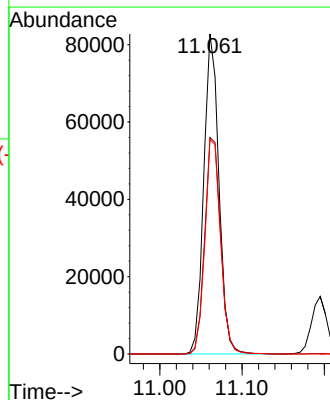
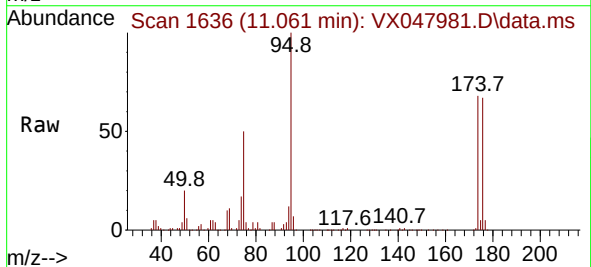
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

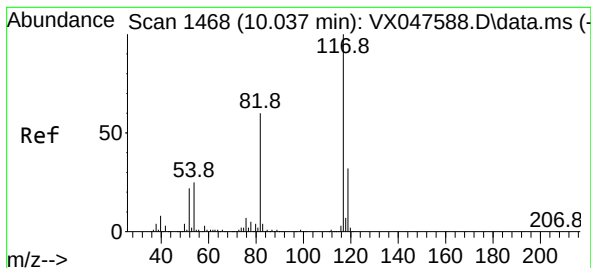
Tgt Ion:107 Resp: 92132  
Ion Ratio Lower Upper  
107 100  
109 92.3 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 53.105 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 95 Resp: 105643  
Ion Ratio Lower Upper  
95 100  
174 71.4 0.0 141.6  
176 69.3 0.0 138.4

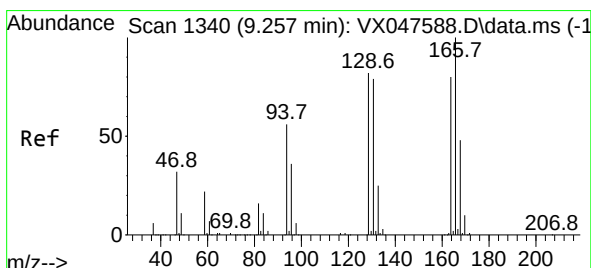
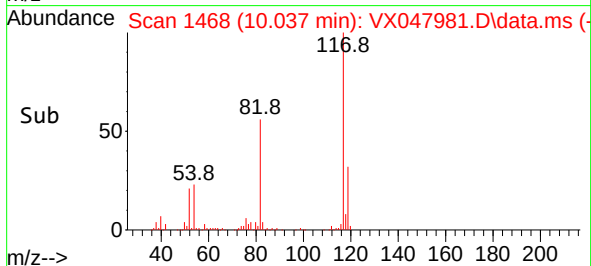
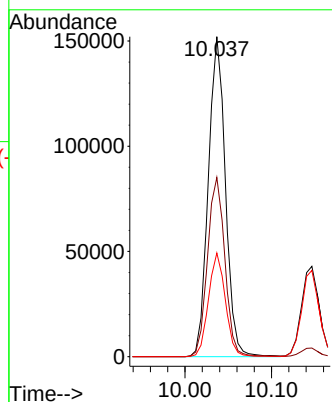
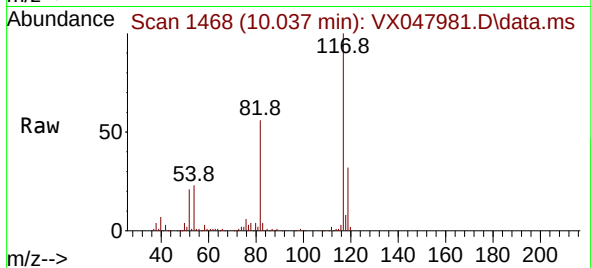




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

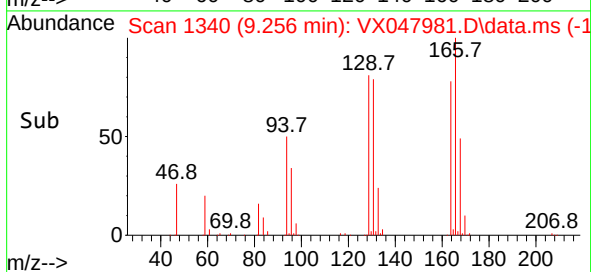
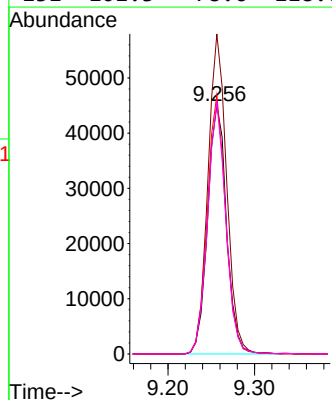
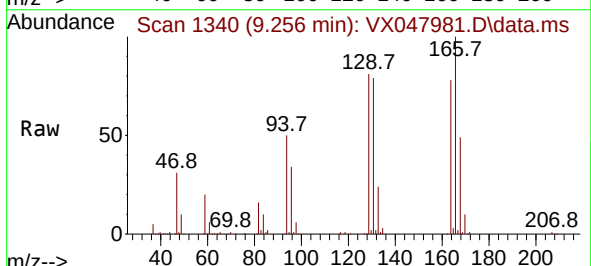
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

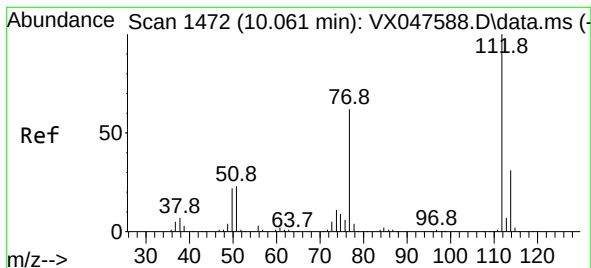
Tgt Ion:117 Resp: 209083  
Ion Ratio Lower Upper  
117 100  
82 56.0 47.8 71.6  
119 32.4 25.2 37.8



#64  
Tetrachloroethene  
Concen: 50.133 ug/l  
RT: 9.256 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion:164 Resp: 68331  
Ion Ratio Lower Upper  
164 100  
166 128.8 100.2 150.2  
129 104.1 81.8 122.6  
131 101.3 78.6 118.0

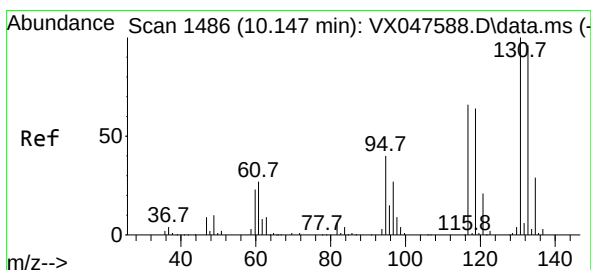
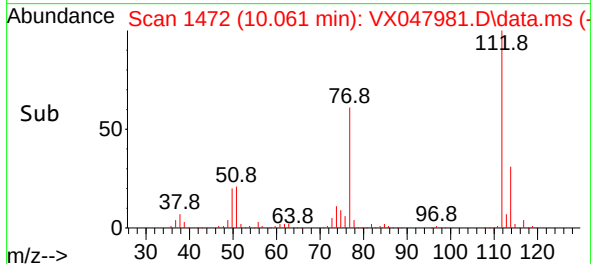
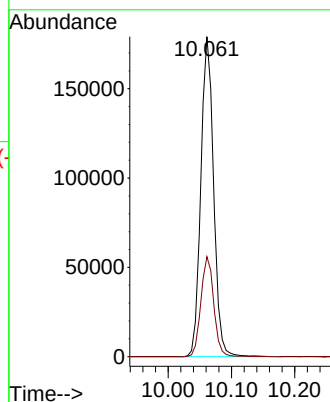
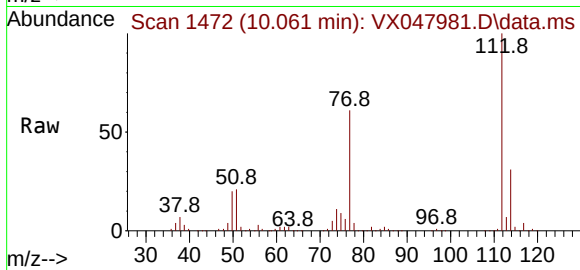




#65  
Chlorobenzene  
Concen: 53.058 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

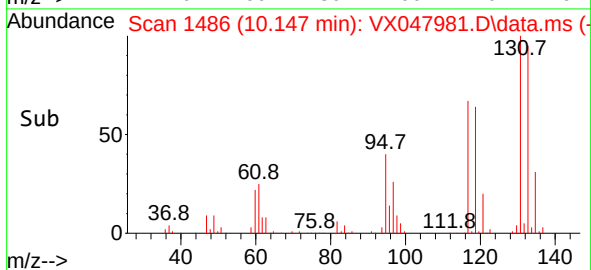
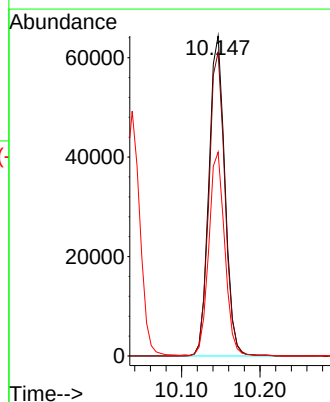
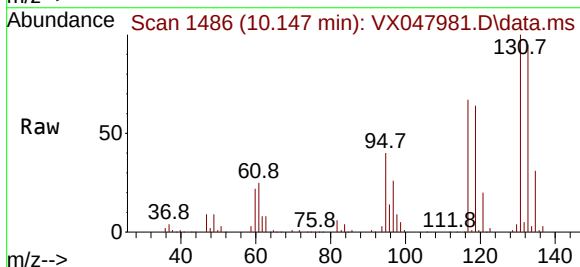
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

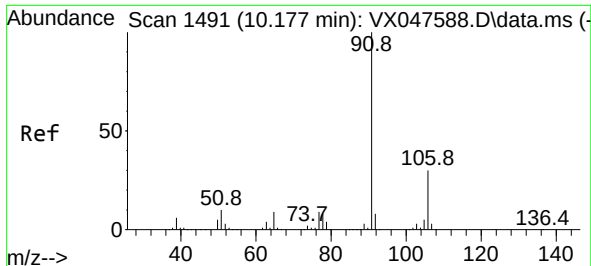
Tgt Ion:112 Resp: 252022  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.663 ug/l  
RT: 10.147 min Scan# 1486  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion:131 Resp: 91236  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.3 142.0  
119 63.8 32.0 96.0





#67

Ethyl Benzene

Concen: 51.938 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

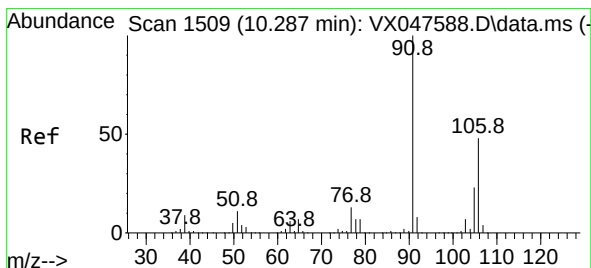
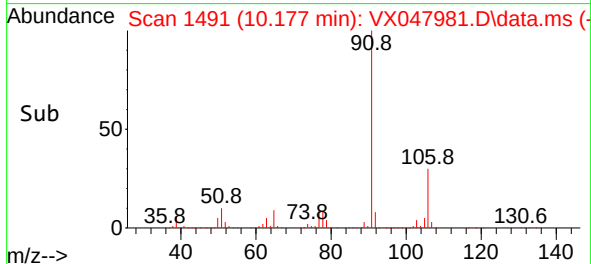
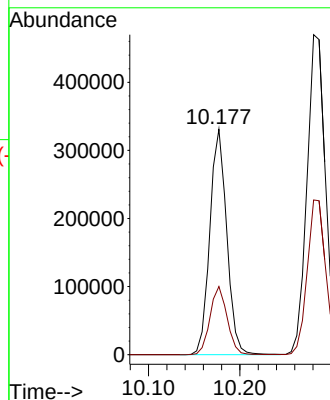
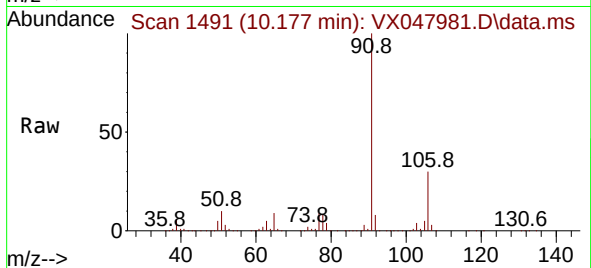
VSTDCCC050

Tgt Ion: 91 Resp: 425670

Ion Ratio Lower Upper

91 100

106 30.2 24.3 36.5



#68

m/p-Xylenes

Concen: 105.878 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX047981.D

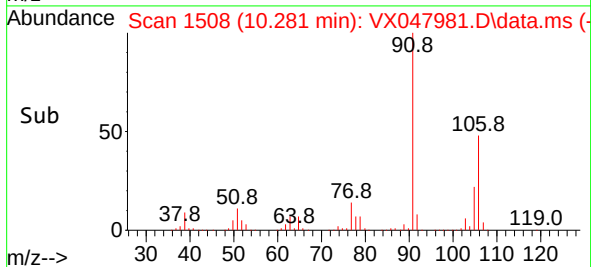
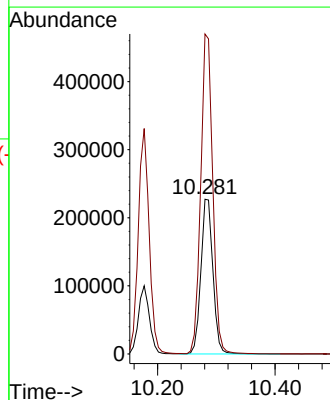
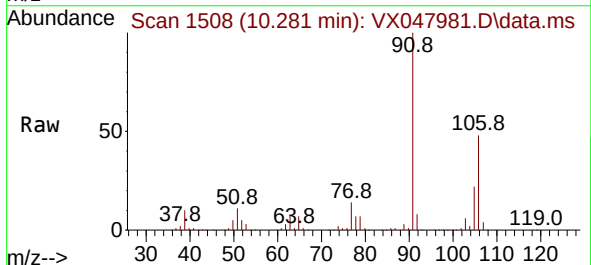
Acq: 03 Oct 2025 09:35

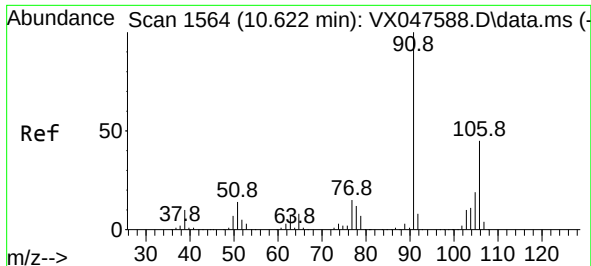
Tgt Ion:106 Resp: 322983

Ion Ratio Lower Upper

106 100

91 206.4 167.8 251.8

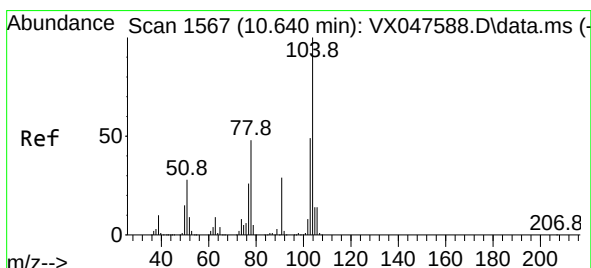
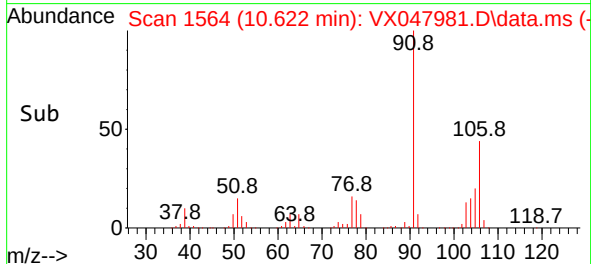
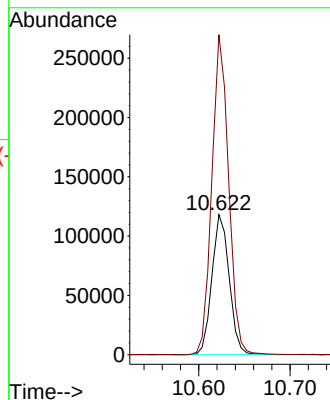
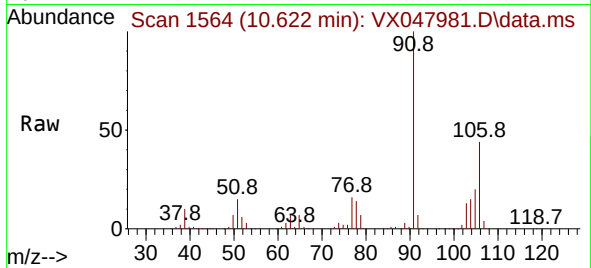




#69  
o-Xylene  
Concen: 52.537 ug/l  
RT: 10.622 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

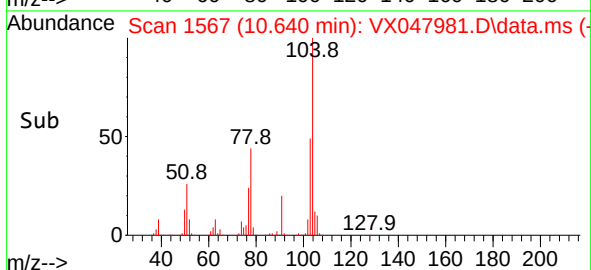
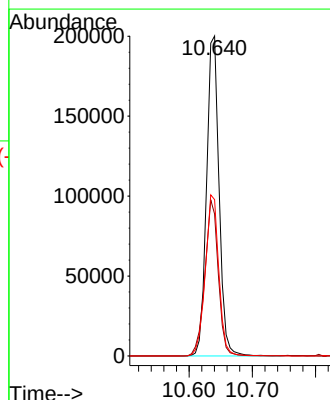
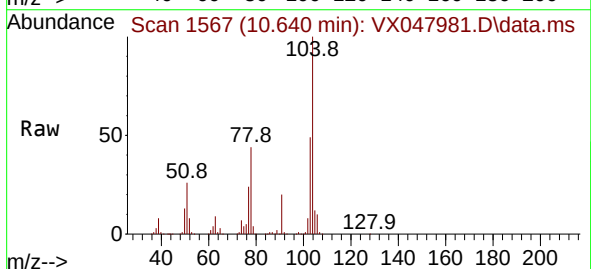
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

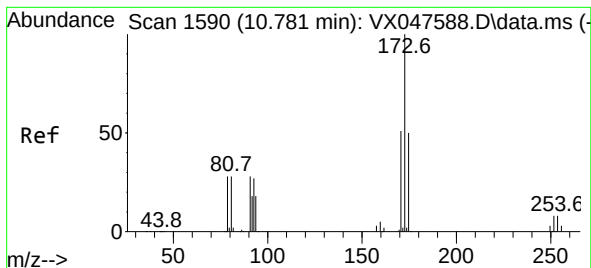
Tgt Ion:106 Resp: 155012  
Ion Ratio Lower Upper  
106 100  
91 222.1 111.1 333.4



#70  
Styrene  
Concen: 53.373 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion:104 Resp: 275937  
Ion Ratio Lower Upper  
104 100  
78 52.2 43.1 64.7  
103 54.5 43.1 64.7





#71

Bromoform

Concen: 53.681 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

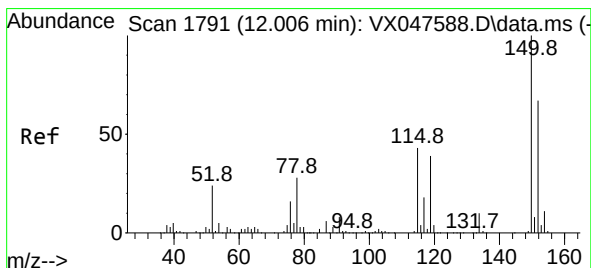
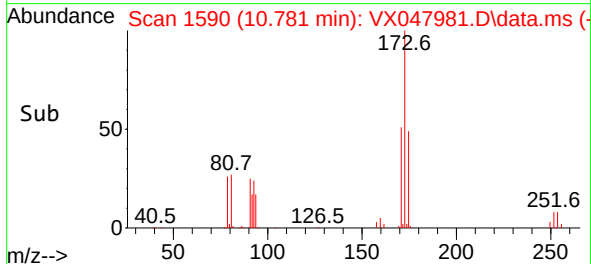
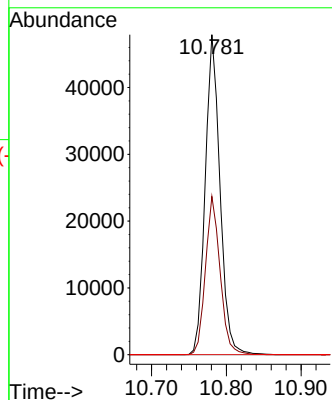
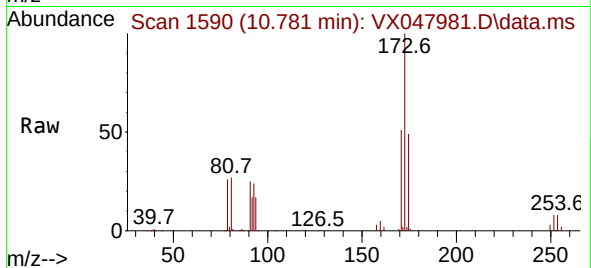
Tgt Ion:173 Resp: 65700

Ion Ratio Lower Upper

173 100

175 49.1 24.9 74.6

254 0.0 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: VX047981.D

Acq: 03 Oct 2025 09:35

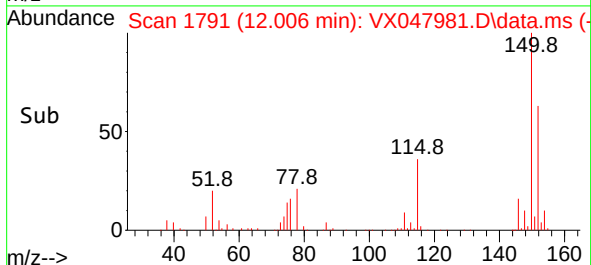
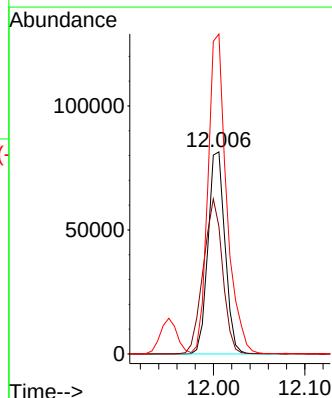
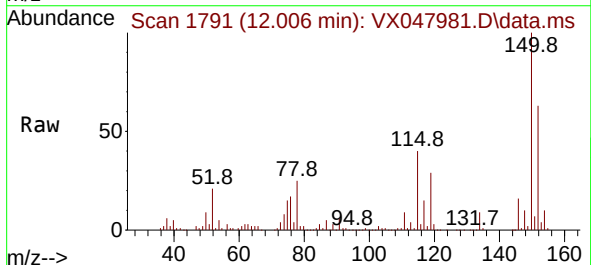
Tgt Ion:152 Resp: 105470

Ion Ratio Lower Upper

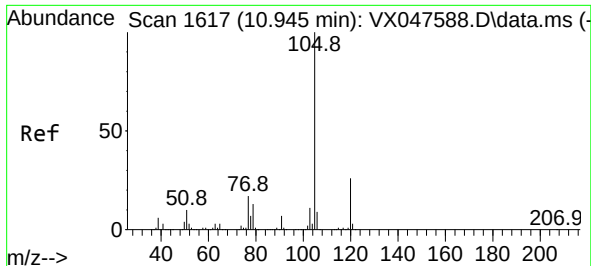
152 100

115 87.2 44.9 134.5

150 173.4 0.0 352.0



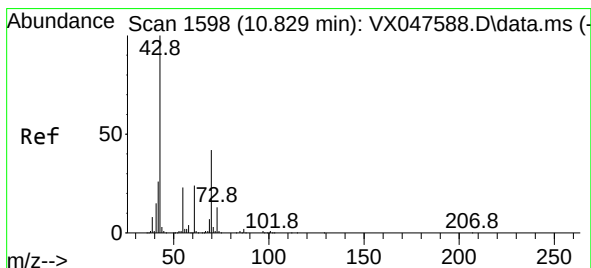
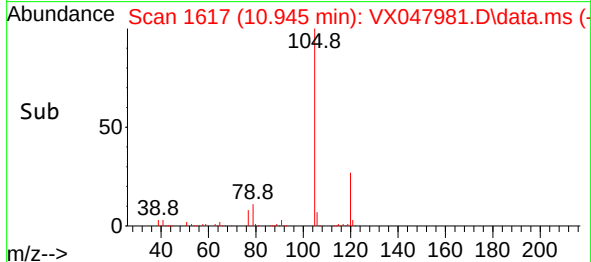
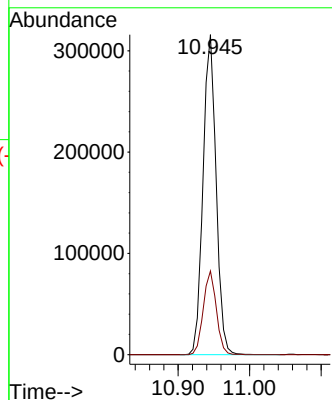
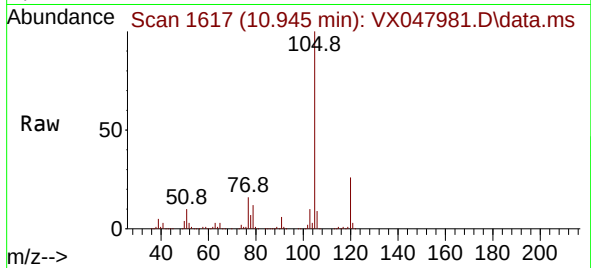




#73  
Isopropylbenzene  
Concen: 50.056 ug/l  
RT: 10.945 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

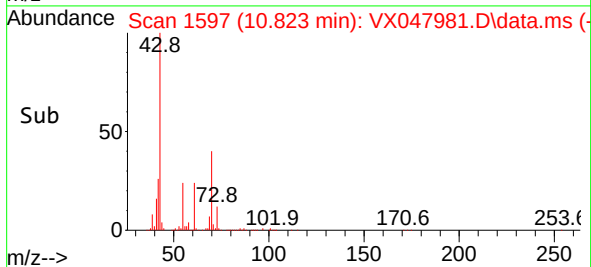
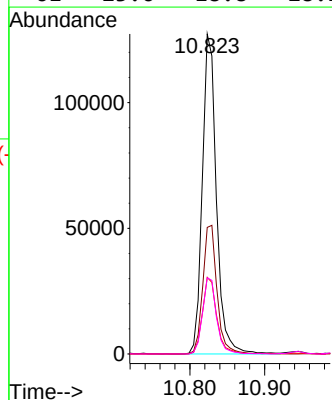
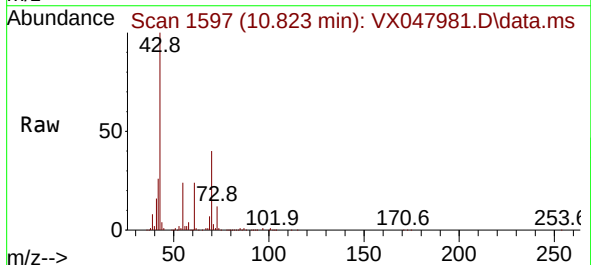
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

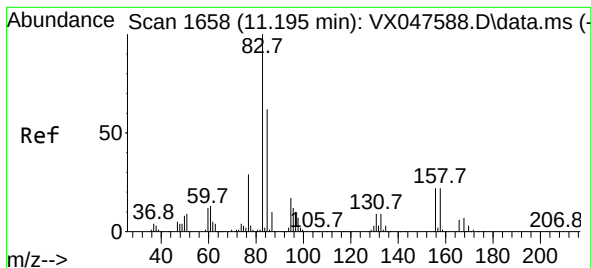
Tgt Ion:105 Resp: 401376  
Ion Ratio Lower Upper  
105 100  
120 26.0 12.8 38.4



#74  
N-ethyl acetate  
Concen: 45.625 ug/l  
RT: 10.823 min Scan# 1597  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 43 Resp: 166829  
Ion Ratio Lower Upper  
43 100  
70 40.8 32.0 48.0  
55 24.4 18.9 28.3  
61 23.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.831 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

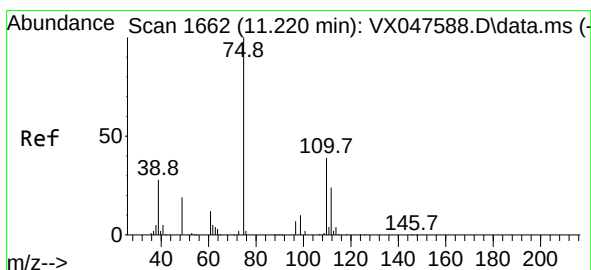
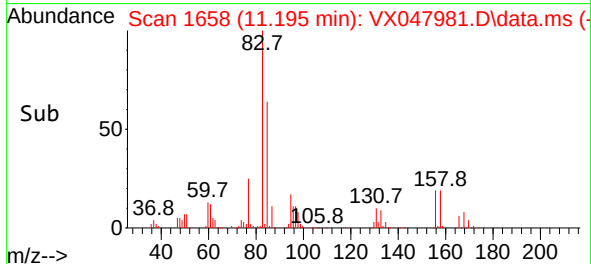
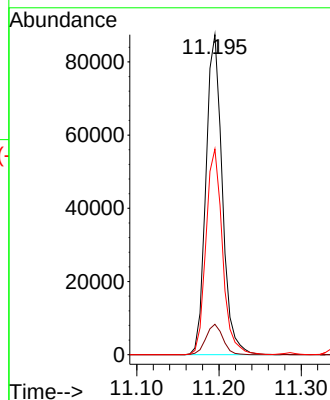
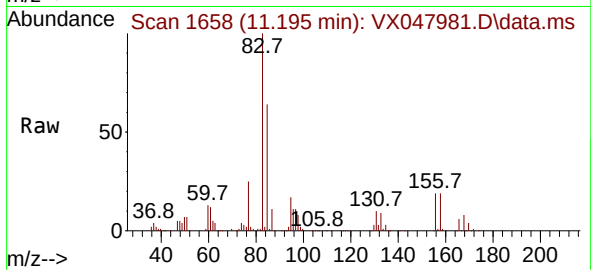
Tgt Ion: 83 Resp: 120891

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 65.0 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 62.668 ug/l

RT: 11.219 min Scan# 1662

Delta R.T. -0.000 min

Lab File: VX047981.D

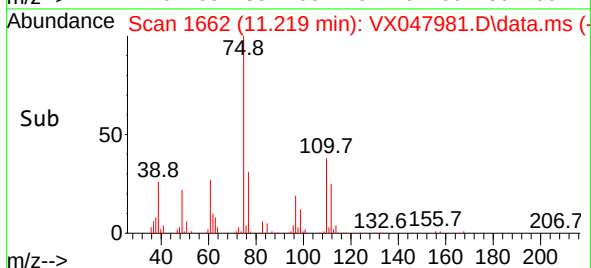
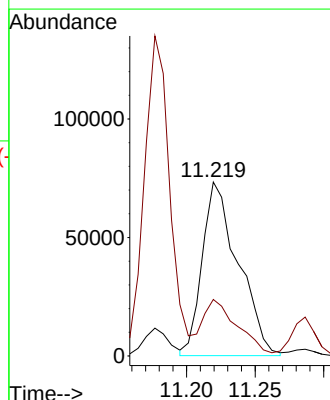
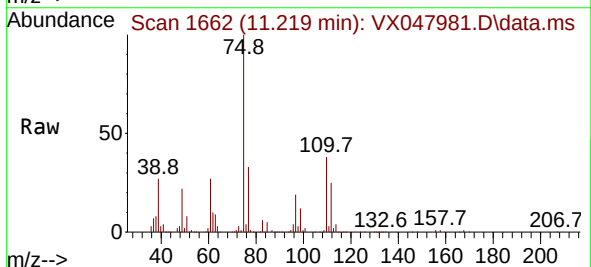
Acq: 03 Oct 2025 09:35

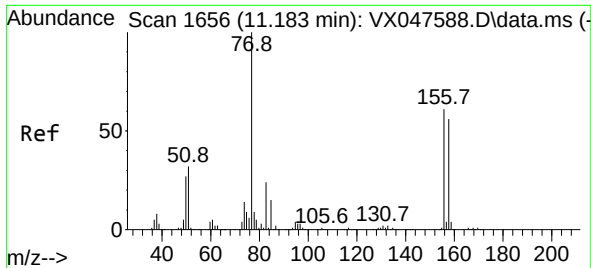
Tgt Ion: 75 Resp: 133824

Ion Ratio Lower Upper

75 100

77 32.5 18.8 56.4

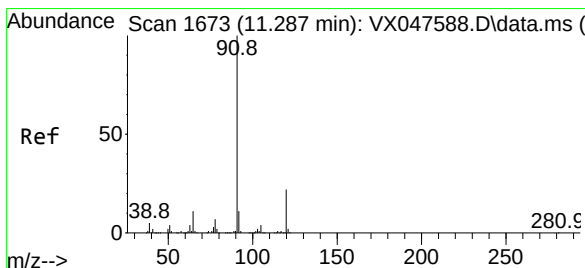
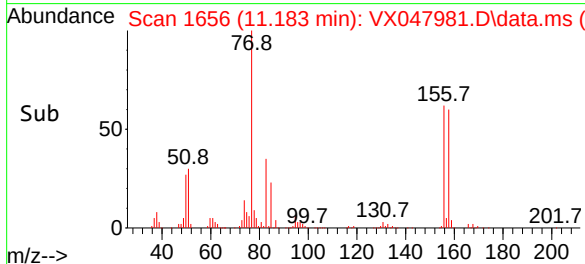
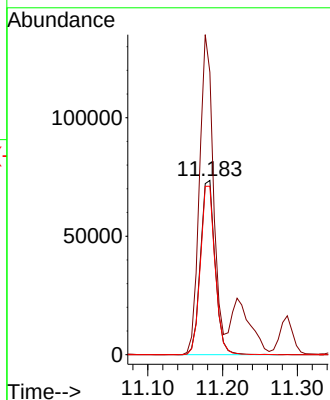
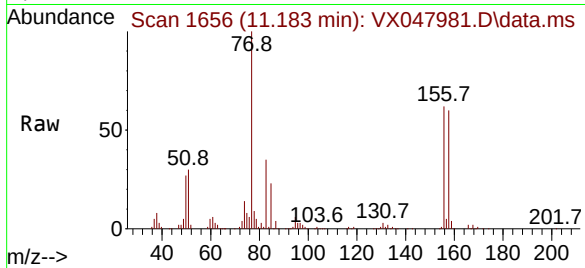




#77  
Bromobenzene  
Concen: 50.659 ug/l  
RT: 11.183 min Scan# 1656  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

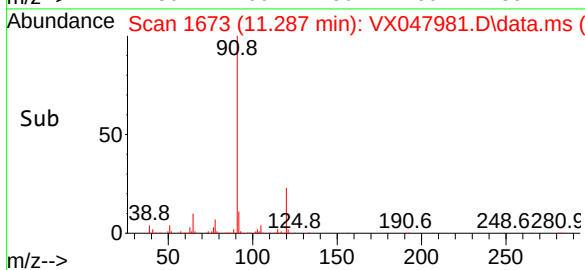
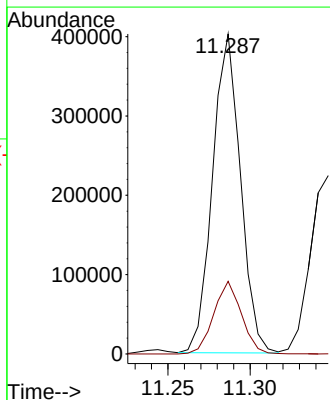
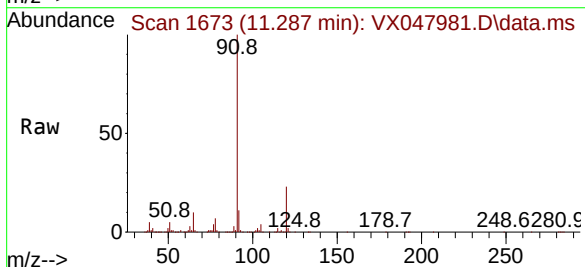
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

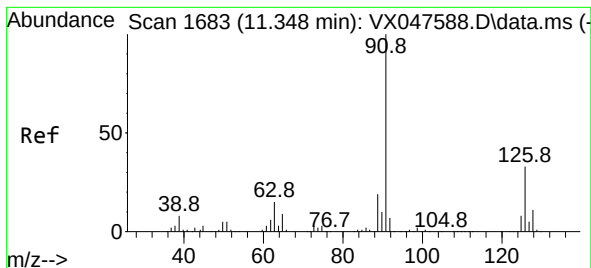
Tgt Ion:156 Resp: 100047  
Ion Ratio Lower Upper  
156 100  
77 173.7 89.7 269.1  
158 97.4 47.9 143.6



#78  
n-propylbenzene  
Concen: 50.135 ug/l  
RT: 11.287 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 91 Resp: 475224  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.1 33.1

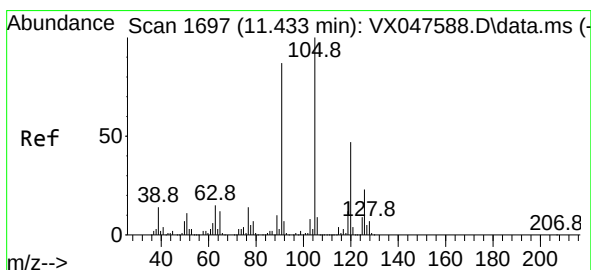
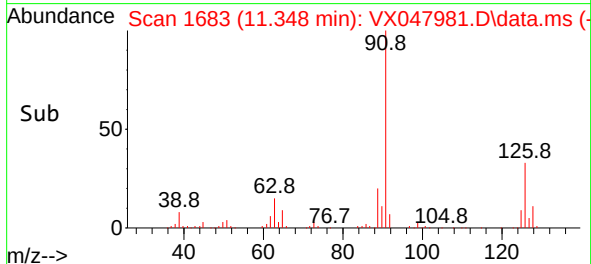
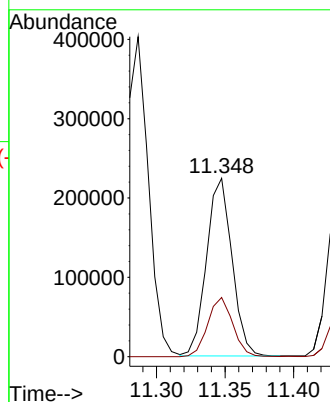
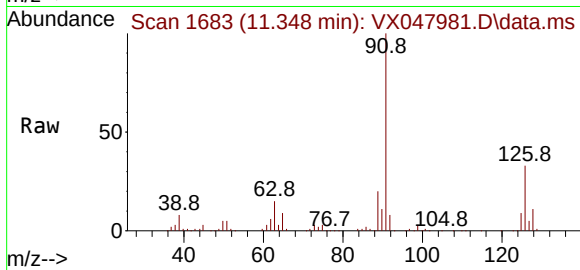




#79  
2-Chlorotoluene  
Concen: 49.740 ug/l  
RT: 11.348 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

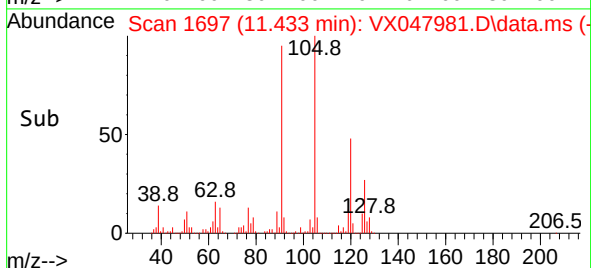
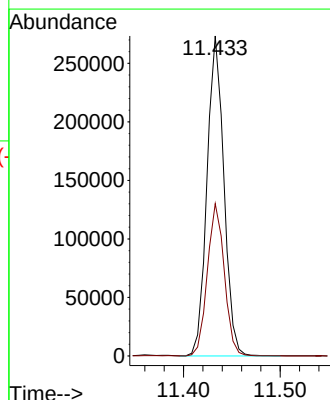
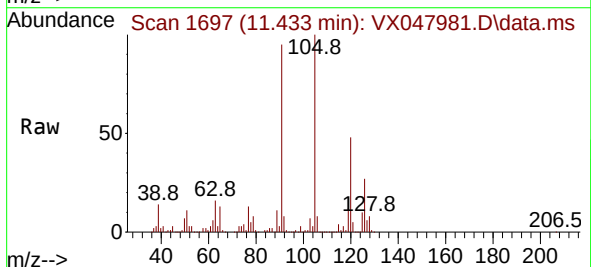
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

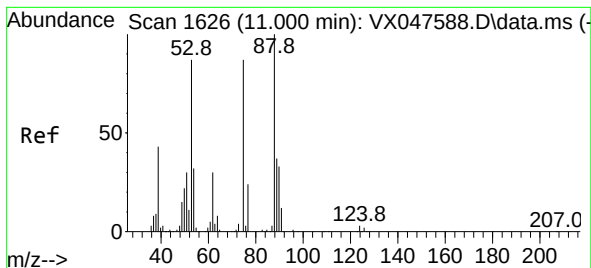
Tgt Ion: 91 Resp: 288770  
Ion Ratio Lower Upper  
91 100  
126 32.9 16.1 48.3



#80  
1,3,5-Trimethylbenzene  
Concen: 50.525 ug/l  
RT: 11.433 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 105 Resp: 332856  
Ion Ratio Lower Upper  
105 100  
120 47.6 23.6 70.8

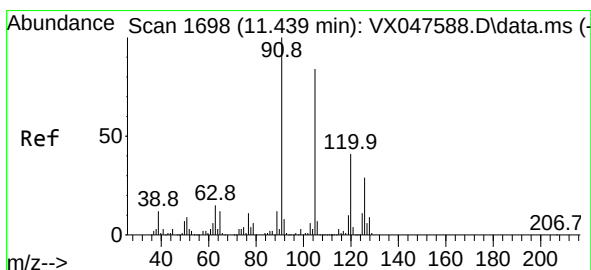
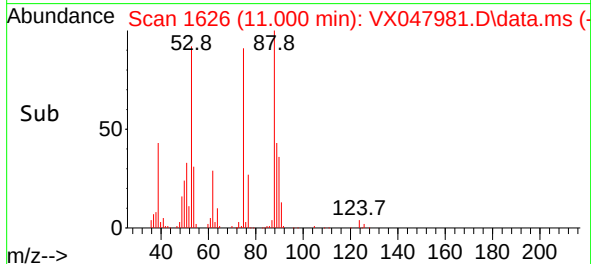
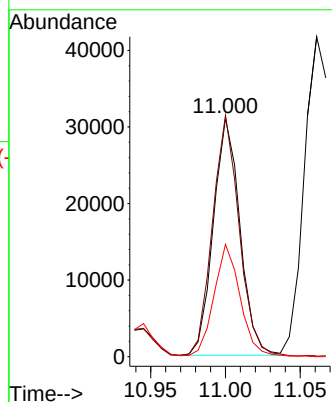
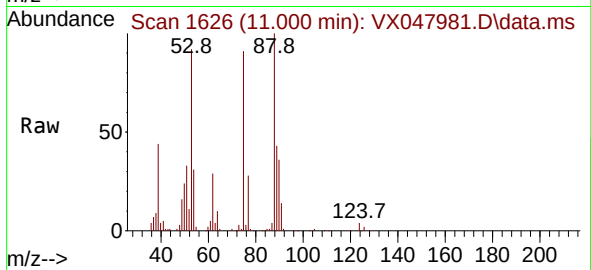




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.767 ug/l  
RT: 11.000 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

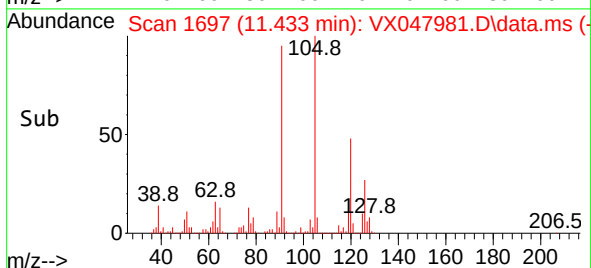
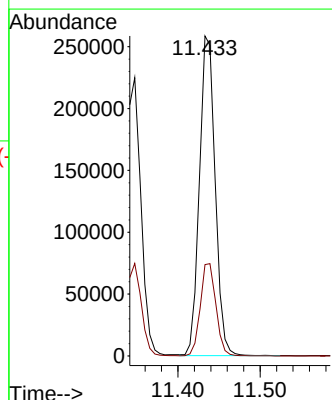
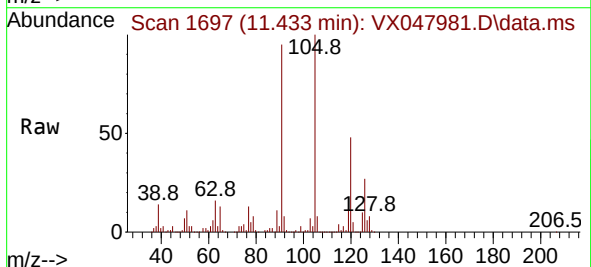
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

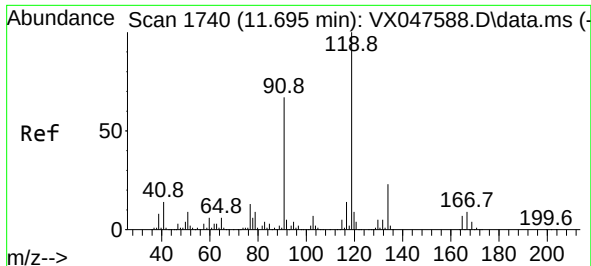
Tgt Ion: 75 Resp: 38324  
Ion Ratio Lower Upper  
75 100  
53 102.1 83.4 125.2  
89 47.0 36.3 54.5



#82  
4-Chlorotoluene  
Concen: 50.228 ug/l  
RT: 11.433 min Scan# 1697  
Delta R.T. -0.006 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 91 Resp: 344397  
Ion Ratio Lower Upper  
91 100  
126 28.7 14.2 42.6

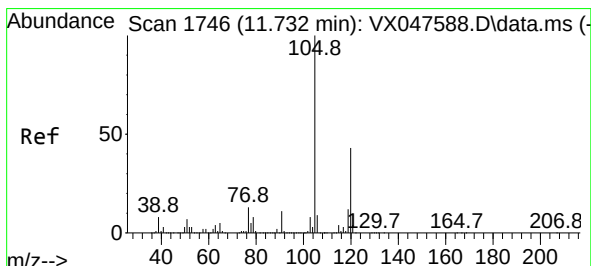
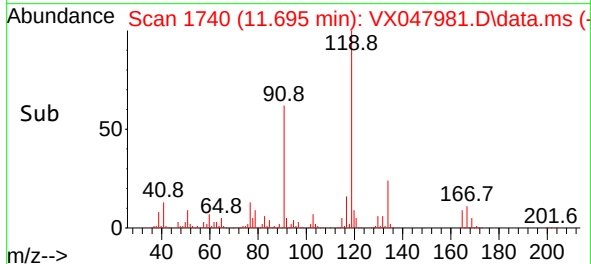
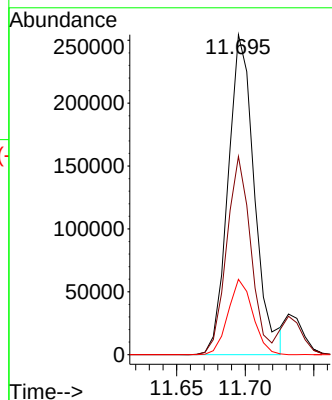
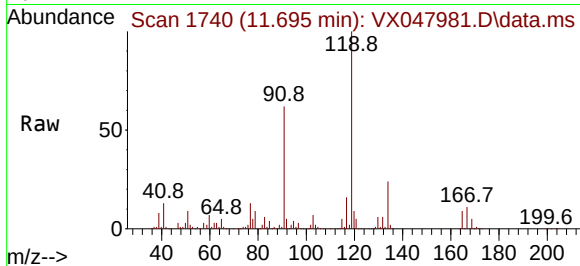




#83  
tert-Butylbenzene  
Concen: 50.571 ug/l  
RT: 11.695 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

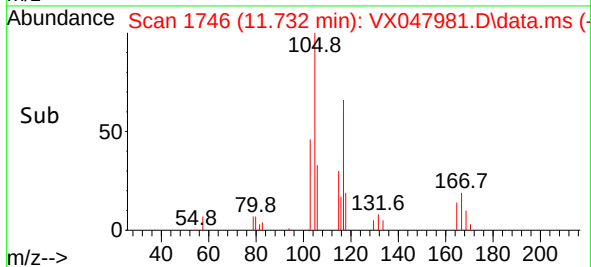
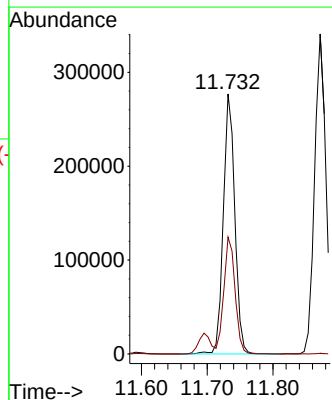
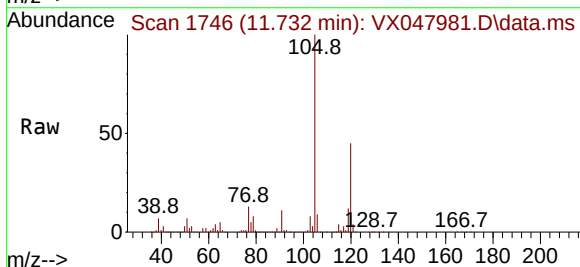
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

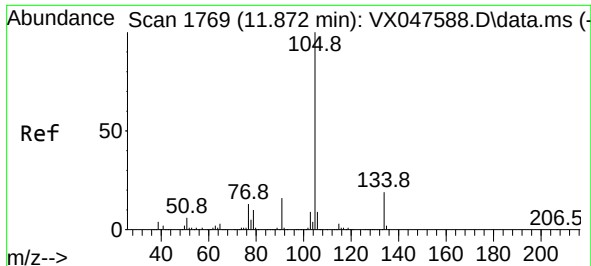
Tgt Ion:119 Resp: 341046  
Ion Ratio Lower Upper  
119 100  
91 57.1 29.6 88.8  
134 22.2 11.0 33.0



#84  
1,2,4-Trimethylbenzene  
Concen: 50.363 ug/l  
RT: 11.732 min Scan# 1746  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion:105 Resp: 336380  
Ion Ratio Lower Upper  
105 100  
120 43.9 22.1 66.1

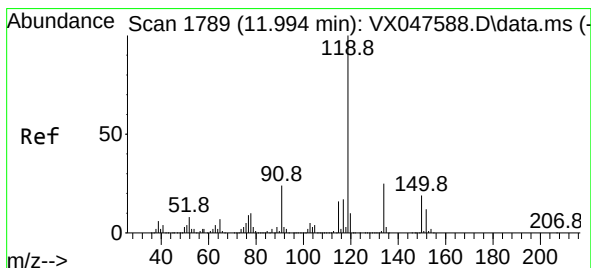
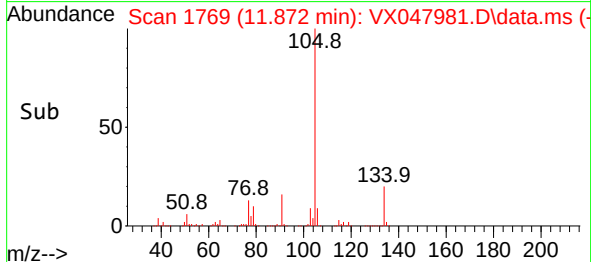
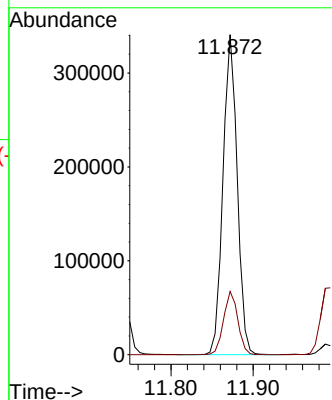
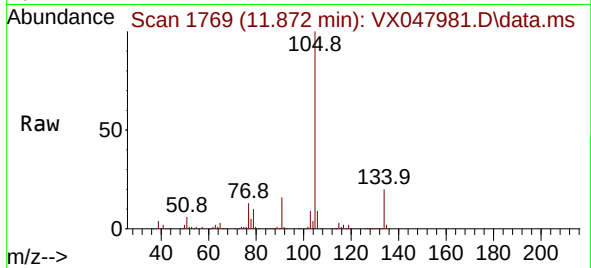




#85  
 sec-Butylbenzene  
 Concen: 51.049 ug/l  
 RT: 11.872 min Scan# 1769  
 Delta R.T. -0.000 min  
 Lab File: VX047981.D  
 Acq: 03 Oct 2025 09:35

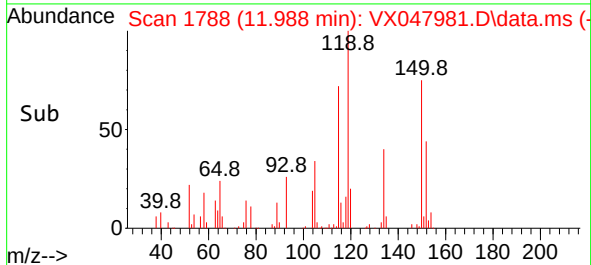
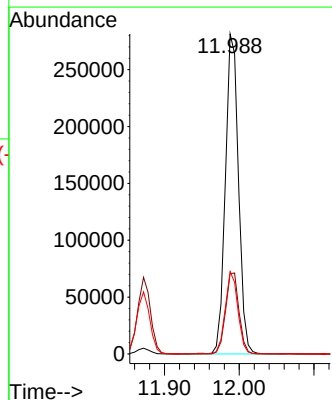
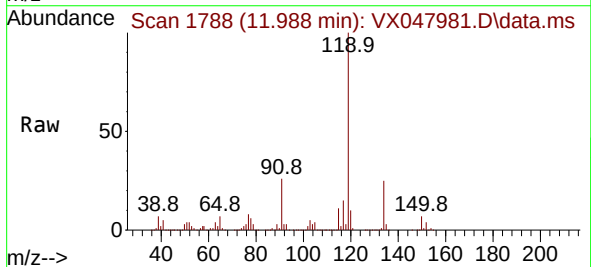
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

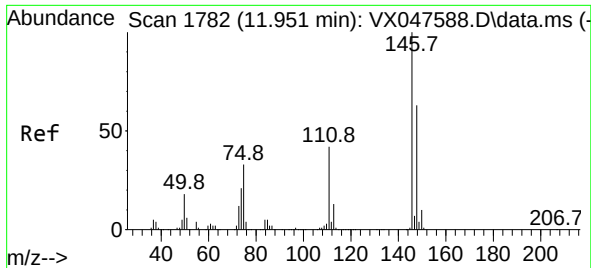
Tgt Ion:105 Resp: 408921  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 9.8 29.5



#86  
 p-Isopropyltoluene  
 Concen: 50.732 ug/l  
 RT: 11.988 min Scan# 1788  
 Delta R.T. -0.006 min  
 Lab File: VX047981.D  
 Acq: 03 Oct 2025 09:35

Tgt Ion:119 Resp: 344044  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 12.6 37.8  
 91 24.8 12.6 37.6

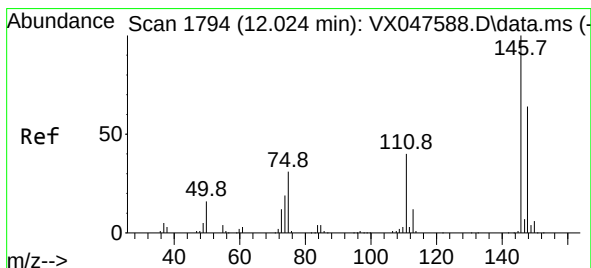
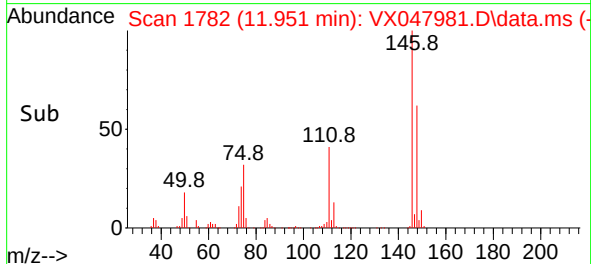
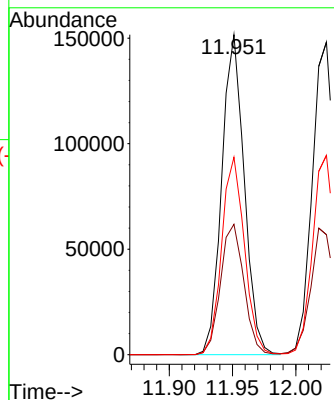
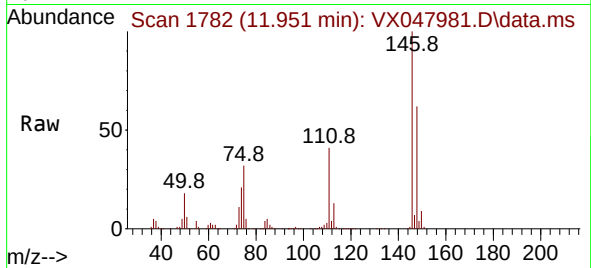




#87  
 1,3-Dichlorobenzene  
 Concen: 51.031 ug/l  
 RT: 11.951 min Scan# 1782  
 Delta R.T. -0.000 min  
 Lab File: VX047981.D  
 Acq: 03 Oct 2025 09:35

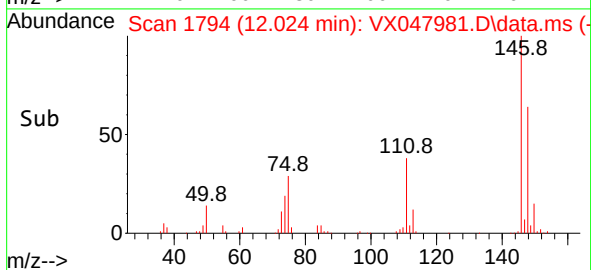
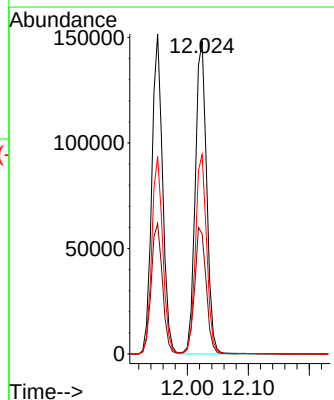
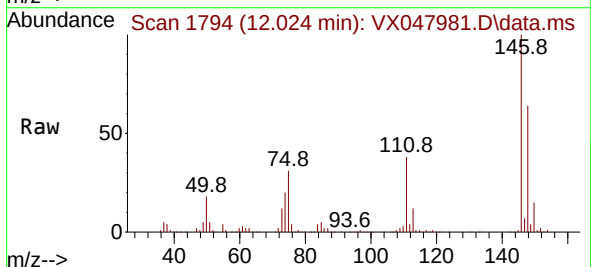
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:146 Resp: 187193  
 Ion Ratio Lower Upper  
 146 100  
 111 42.6 21.5 64.5  
 148 62.6 32.0 96.0

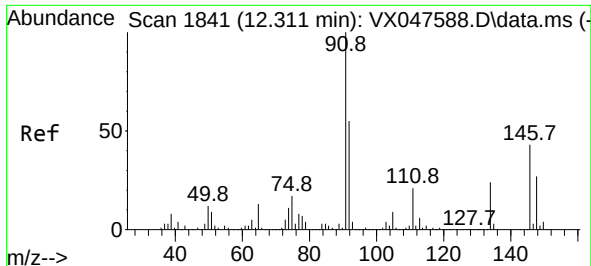


#88  
 1,4-Dichlorobenzene  
 Concen: 50.924 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. -0.000 min  
 Lab File: VX047981.D  
 Acq: 03 Oct 2025 09:35

Tgt Ion:146 Resp: 191722  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 20.8 62.4  
 148 62.7 31.7 95.1







#89

n-Butylbenzene

Concen: 51.212 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

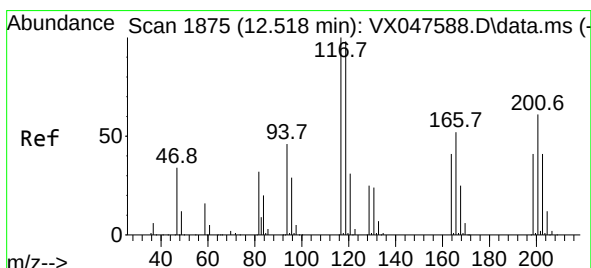
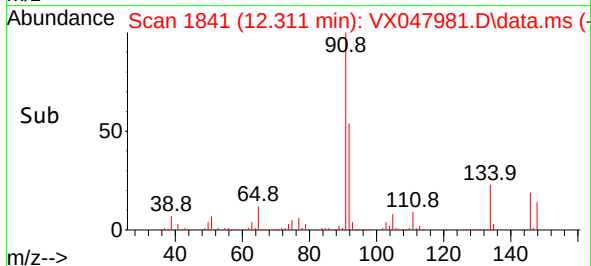
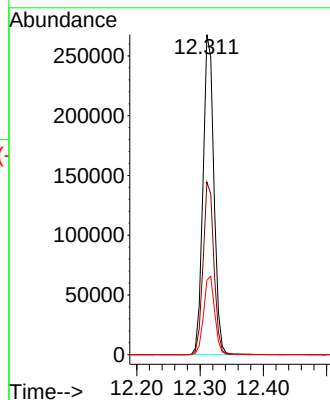
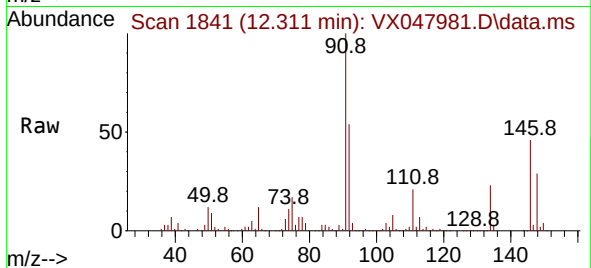
Tgt Ion: 91 Resp: 321357

Ion Ratio Lower Upper

91 100

92 53.6 27.6 82.7

134 24.8 12.6 37.8



#90

Hexachloroethane

Concen: 53.310 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VX047981.D

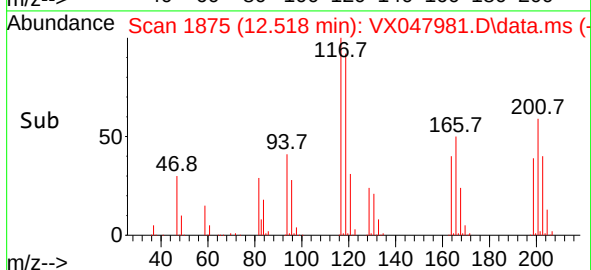
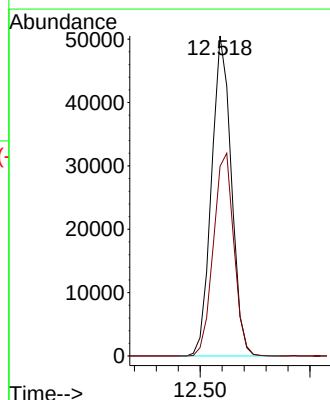
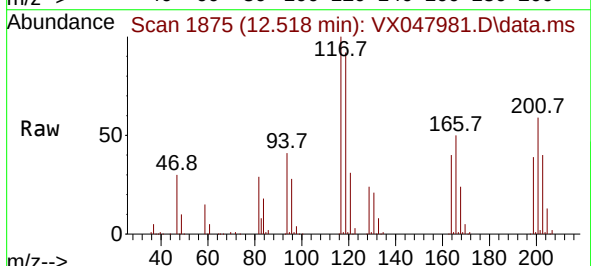
Acq: 03 Oct 2025 09:35

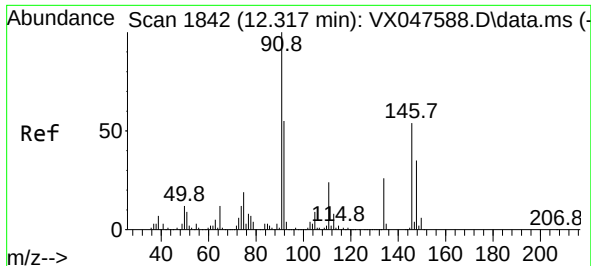
Tgt Ion: 117 Resp: 63473

Ion Ratio Lower Upper

117 100

201 65.6 34.2 102.5

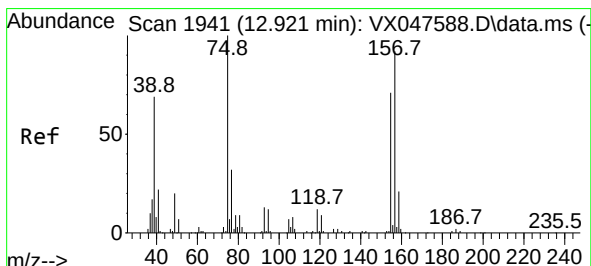
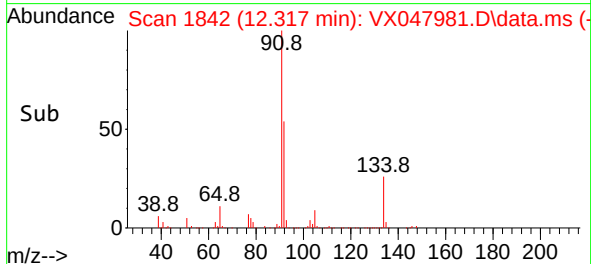
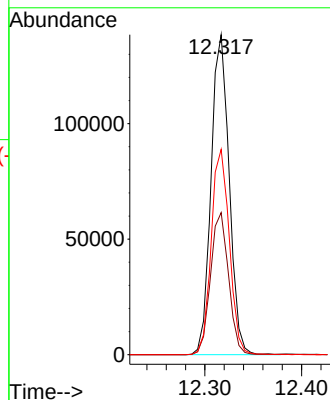
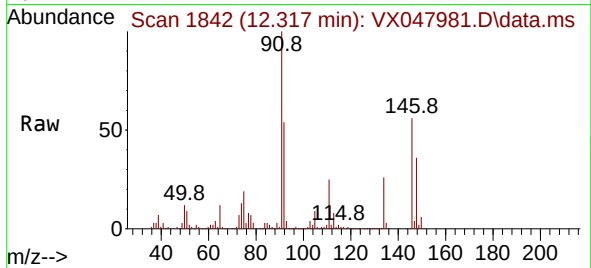




#91  
1,2-Dichlorobenzene  
Concen: 51.390 ug/l  
RT: 12.317 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

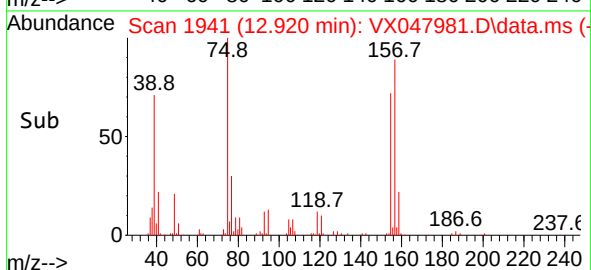
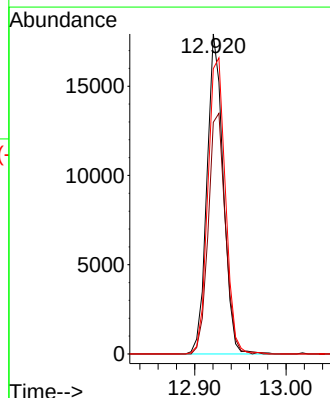
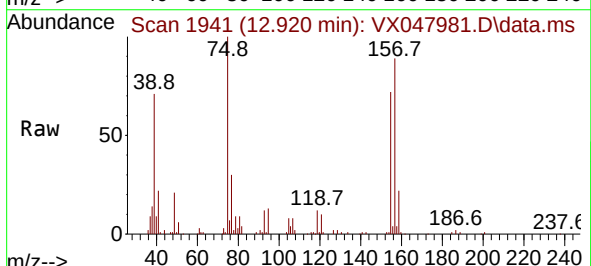
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

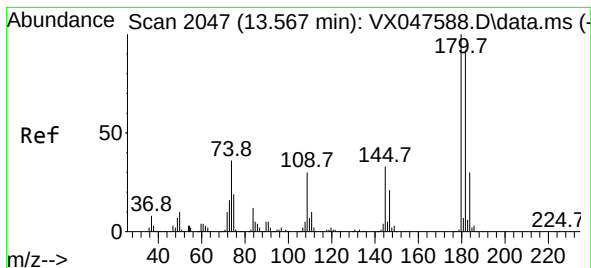
Tgt Ion:146 Resp: 179594  
Ion Ratio Lower Upper  
146 100  
111 44.3 22.2 66.6  
148 64.4 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 45.347 ug/l  
RT: 12.920 min Scan# 1941  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion: 75 Resp: 22273  
Ion Ratio Lower Upper  
75 100  
155 78.7 37.7 113.1  
157 99.4 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 48.169 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

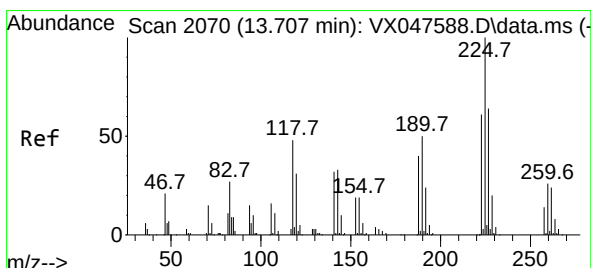
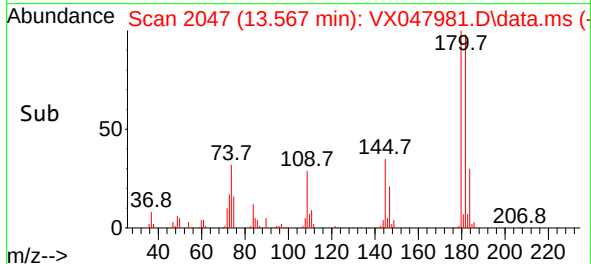
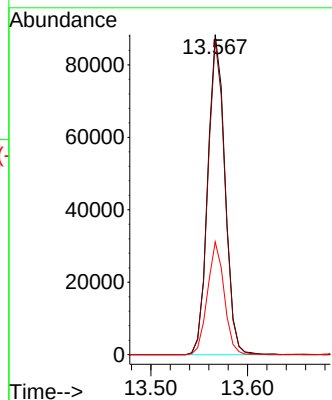
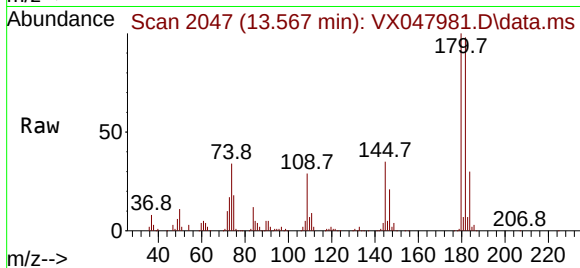
Tgt Ion:180 Resp: 109403

Ion Ratio Lower Upper

180 100

182 97.4 46.6 139.8

145 34.2 16.4 49.1



#94

Hexachlorobutadiene

Concen: 53.932 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VX047981.D

Acq: 03 Oct 2025 09:35

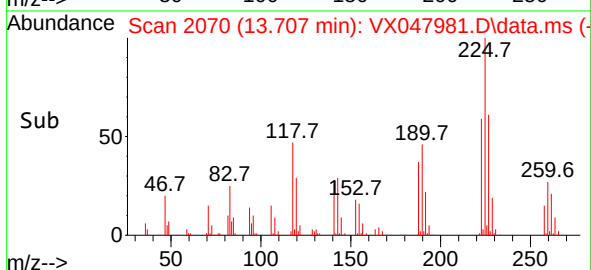
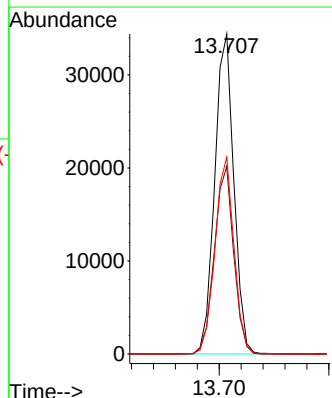
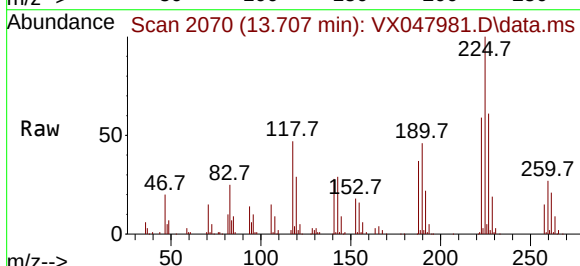
Tgt Ion:225 Resp: 41607

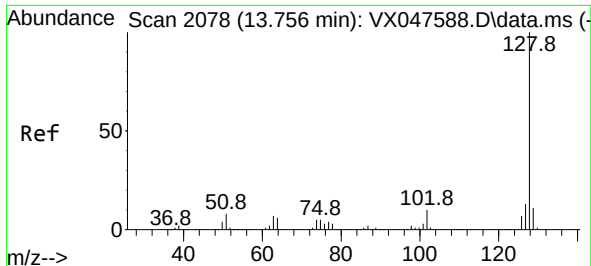
Ion Ratio Lower Upper

225 100

223 59.3 31.7 95.1

227 61.1 32.0 96.0

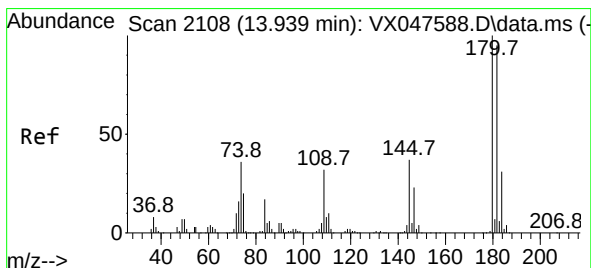
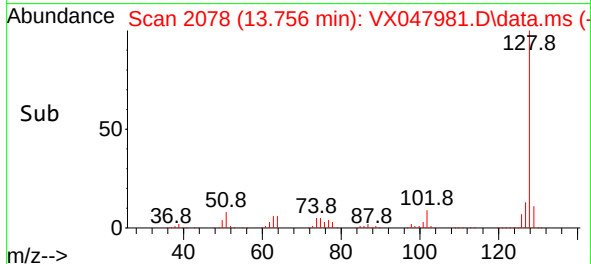
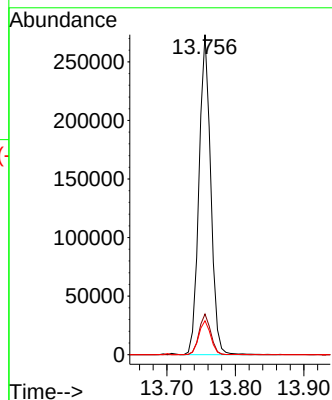
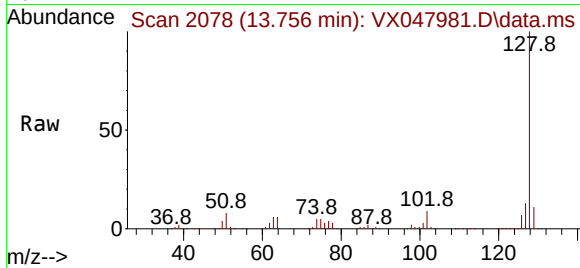




#95  
Naphthalene  
Concen: 47.116 ug/l  
RT: 13.756 min Scan# 2078  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 325860  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 10.9 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 49.485 ug/l  
RT: 13.938 min Scan# 2108  
Delta R.T. -0.000 min  
Lab File: VX047981.D  
Acq: 03 Oct 2025 09:35

Tgt Ion:180 Resp: 104550  
Ion Ratio Lower Upper  
180 100  
182 95.1 47.6 142.8  
145 34.9 17.9 53.7

