

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102825\  
 Data File : VX048402.D  
 Acq On : 28 Oct 2025 16:12  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 29 01:21:58 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102025W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 20 14:13:59 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.538  | 168   | 162270   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.745  | 114   | 279193   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.037 | 117   | 246698   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.006 | 152   | 120496   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.940  | 65    | 109990   | 48.344   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 96.680%  |
| 35) Dibromofluoromethane     | 5.373  | 113   | 75854    | 39.797   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 79.600%  |
| 50) Toluene-d8               | 8.635  | 98    | 314692   | 47.104   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 94.200%  |
| 62) 4-Bromofluorobenzene     | 11.061 | 95    | 118322   | 46.554   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 93.100%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.173  | 85    | 68460    | 41.039   | ug/l   | 97       |
| 3) Chloromethane             | 1.301  | 50    | 35783    | 22.981   | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.380  | 62    | 93857    | 65.094   | ug/l   | 100      |
| 5) Bromomethane              | 1.618  | 94    | 33297    | 34.028   | ug/l   | 98       |
| 6) Chloroethane              | 1.697  | 64    | 57409    | 67.758   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.898  | 101   | 150559   | 54.446   | ug/l   | 98       |
| 8) Diethyl Ether             | 2.136  | 74    | 56938    | 73.177   | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 2.337  | 101   | 86602    | 49.456   | ug/l   | 98       |
| 10) Methyl Iodide            | 2.459  | 142   | 318311   | 144.597  | ug/l   | 99       |
| 11) Tert butyl alcohol       | 2.941  | 59    | 44242    | 195.854  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 2.325  | 96    | 85649    | 50.275   | ug/l   | 92       |
| 13) Acrolein                 | 2.233  | 56    | 56854    | 246.778  | ug/l   | 98       |
| 14) Allyl chloride           | 2.666  | 41    | 144395   | 51.051   | ug/l   | 99       |
| 15) Acrylonitrile            | 3.056  | 53    | 198367   | 243.531  | ug/l   | 99       |
| 16) Acetone                  | 2.374  | 43    | 136336   | 174.677  | ug/l   | 100      |
| 17) Carbon Disulfide         | 2.520  | 76    | 224233   | 41.763   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.697  | 43    | 86541    | 53.092   | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 3.105  | 73    | 284837   | 49.010   | ug/l   | 100      |
| 20) Methylene Chloride       | 2.788  | 84    | 95830    | 50.389   | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 90690    | 48.463   | ug/l   | 96       |
| 22) Diisopropyl ether        | 3.751  | 45    | 319355   | 56.609   | ug/l   | 95       |
| 23) Vinyl Acetate            | 3.715  | 43    | 1064799  | 236.286  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 175233   | 51.370   | ug/l   | 100      |
| 25) 2-Butanone               | 4.538  | 43    | 207473   | 210.011  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 147498   | 47.905   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 110602   | 50.643   | ug/l   | 100      |
| 28) Bromochloromethane       | 4.885  | 49    | 72152    | 51.012   | ug/l   | 95       |
| 29) Tetrahydrofuran          | 4.989  | 42    | 144912   | 244.922  | ug/l   | 99       |
| 30) Chloroform               | 5.087  | 83    | 179857   | 49.351   | ug/l   | 97       |
| 31) Cyclohexane              | 5.465  | 56    | 142883   | 50.594   | ug/l   | 93       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 157857   | 46.998   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.678  | 75    | 117800   | 43.483   | ug/l   | 100      |
| 37) Ethyl Acetate            | 4.696  | 43    | 109610   | 48.813   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.666  | 117   | 133559   | 39.960   | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.367  | 83    | 147503   | 46.103   | ug/l   | 97       |
| 40) Benzene                  | 6.025  | 78    | 371537   | 47.237   | ug/l   | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 29 01:21:58 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102025W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 20 14:13:59 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.904  | 41   | 54139    | 45.911  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 6.074  | 62   | 131424   | 45.281  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.324  | 43   | 173825   | 47.127  | ug/l   | 97       |
| 44) Trichloroethene           | 7.111  | 130  | 94556    | 45.528  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 7.415  | 63   | 92885    | 49.670  | ug/l   | 100      |
| 46) Dibromomethane            | 7.568  | 93   | 65208    | 44.758  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.806  | 83   | 141481   | 44.976  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.678  | 41   | 87355    | 46.934  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.647  | 88   | 19185    | 780.214 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 8.555  | 43   | 487911   | 229.426 | ug/l   | 98       |
| 52) Toluene                   | 8.702  | 92   | 233730   | 46.776  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.964  | 75   | 128551   | 42.407  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.354  | 75   | 135184   | 41.333  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.135  | 97   | 85502    | 46.013  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.104  | 69   | 127394   | 46.872  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 9.293  | 76   | 148140   | 46.672  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.226  | 63   | 348064   | 238.247 | ug/l   | 98       |
| 59) 2-Hexanone                | 9.415  | 43   | 324245   | 218.657 | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.507  | 129  | 104456   | 41.823  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.592  | 107  | 86625    | 43.728  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.257  | 164  | 85610    | 46.485  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.061 | 112  | 258745   | 46.625  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131  | 89226    | 43.774  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.177 | 91   | 441986   | 46.779  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.287 | 106  | 336195   | 95.767  | ug/l   | 97       |
| 69) o-Xylene                  | 10.622 | 106  | 160741   | 47.427  | ug/l   | 98       |
| 70) Styrene                   | 10.640 | 104  | 278572   | 48.271  | ug/l   | 99       |
| 71) Bromoform                 | 10.781 | 173  | 64296    | 39.467  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.945 | 105  | 420457   | 47.774  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.823 | 43   | 151780   | 48.619  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83   | 105996   | 44.102  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.220 | 75   | 110513   | 56.556  | ug/l   | 82       |
| 77) Bromobenzene              | 11.183 | 156  | 101604   | 46.042  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.287 | 91   | 495660   | 48.641  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.348 | 91   | 296136   | 47.933  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.433 | 105  | 346016   | 47.508  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75   | 22838    | 28.435  | ug/l # | 73       |
| 82) 4-Chlorotoluene           | 11.433 | 91   | 345154   | 47.062  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.695 | 119  | 353317   | 47.214  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.732 | 105  | 348942   | 48.006  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.872 | 105  | 437614   | 48.606  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.988 | 119  | 370197   | 47.571  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.951 | 146  | 187537   | 45.079  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.024 | 146  | 190310   | 44.158  | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.311 | 91   | 341898   | 48.270  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.518 | 117  | 63560    | 41.360  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 12.317 | 146  | 177152   | 45.355  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.927 | 75   | 20094    | 41.188  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.567 | 180  | 120214   | 45.511  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 13.707 | 225  | 49049    | 49.555  | ug/l   | 100      |
| 95) Naphthalene               | 13.756 | 128  | 321656   | 45.963  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.939 | 180  | 113007   | 46.623  | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

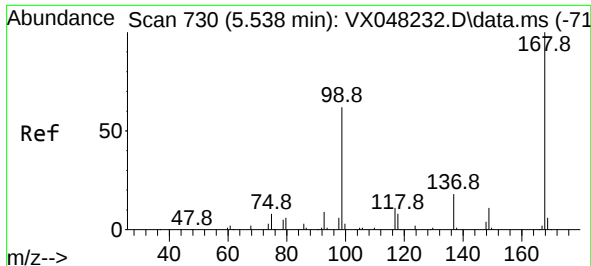
Quant Time: Oct 29 01:21:58 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102025W.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 20 14:13:59 2025  
Response via : Initial Calibration

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

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

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Quant Title : SW846 8260  
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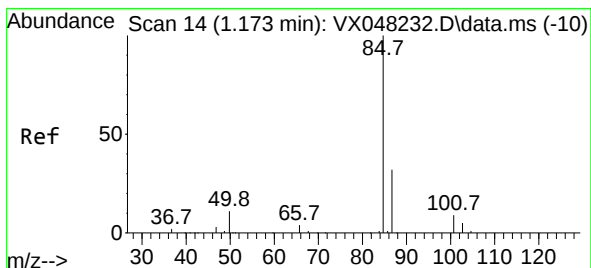
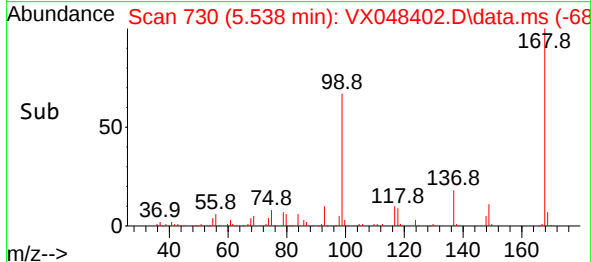
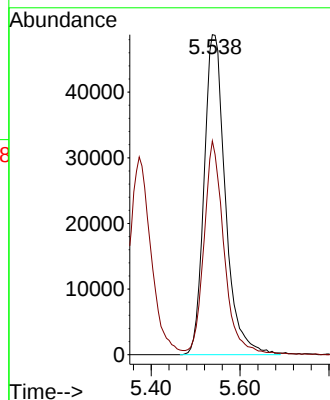
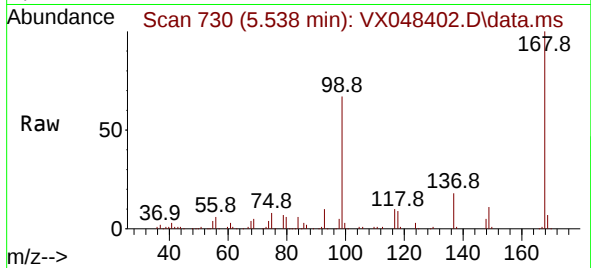




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

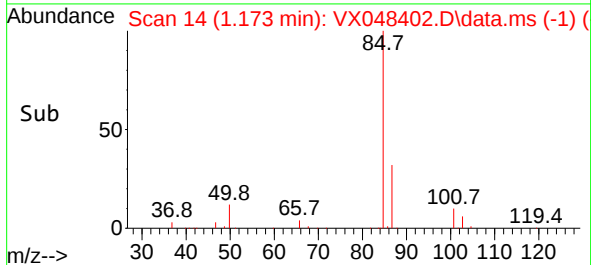
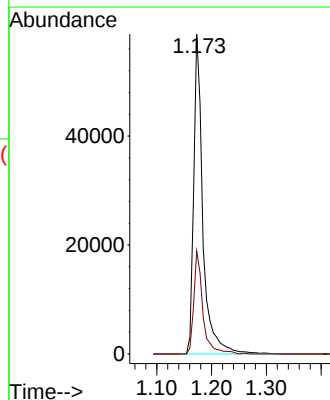
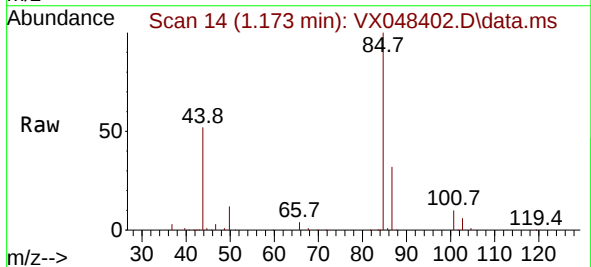
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

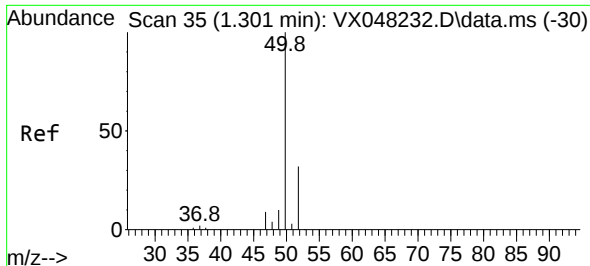
Tgt Ion:168 Resp: 162270  
Ion Ratio Lower Upper  
168 100  
99 66.4 46.4 69.6



#2  
Dichlorodifluoromethane  
Concen: 41.039 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 85 Resp: 68460  
Ion Ratio Lower Upper  
85 100  
87 32.2 15.3 45.9

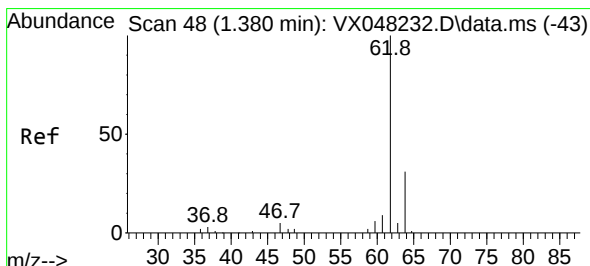
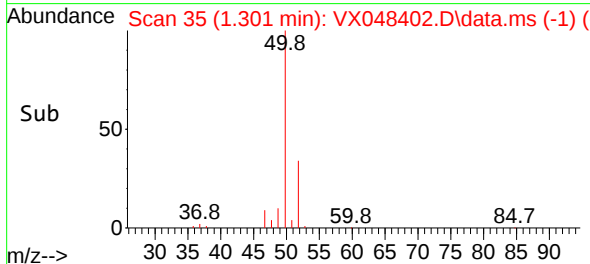
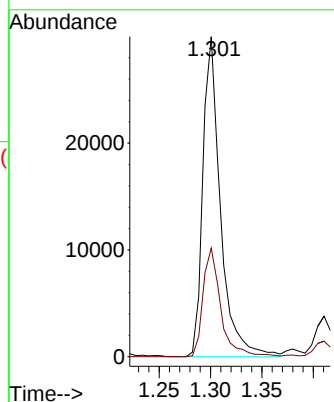
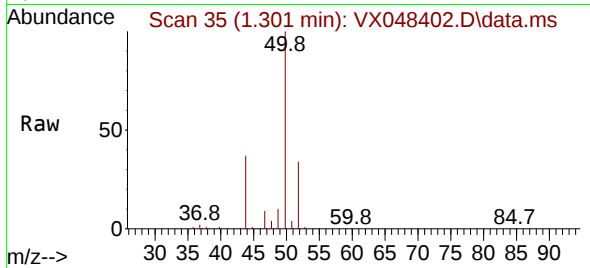




#3  
Chloromethane  
Concen: 22.981 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

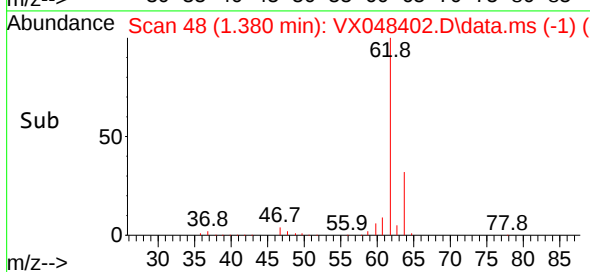
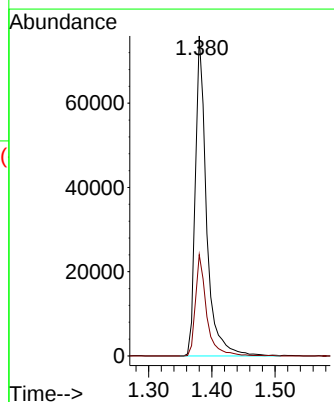
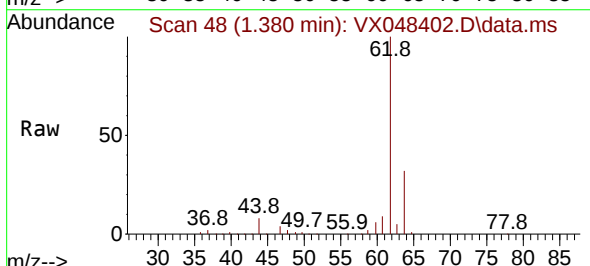
Instrument :  
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ClientSampleId :  
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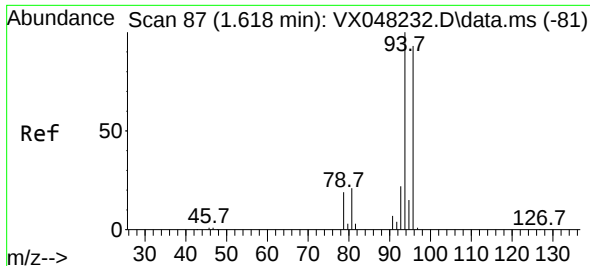
Tgt Ion: 50 Resp: 35783  
Ion Ratio Lower Upper  
50 100  
52 34.0 25.9 38.9



#4  
Vinyl Chloride  
Concen: 65.094 ug/l  
RT: 1.380 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 62 Resp: 93857  
Ion Ratio Lower Upper  
62 100  
64 31.6 25.1 37.7

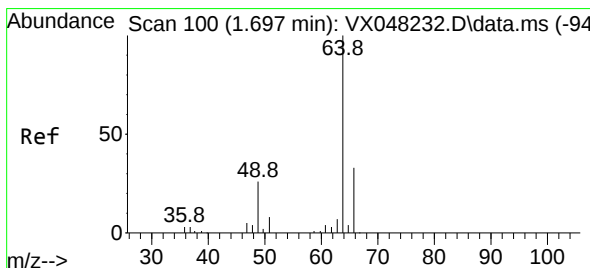
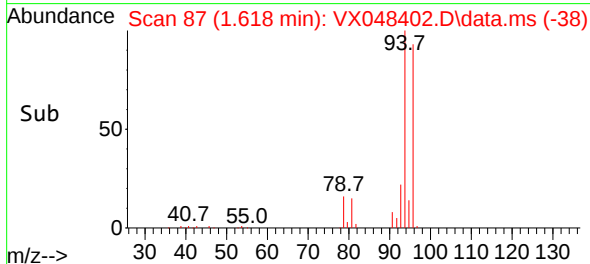
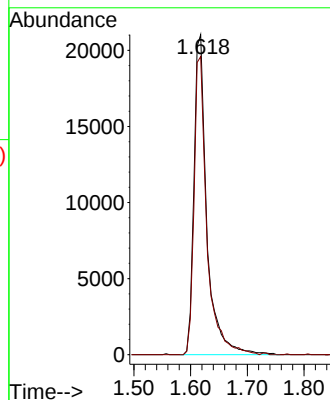
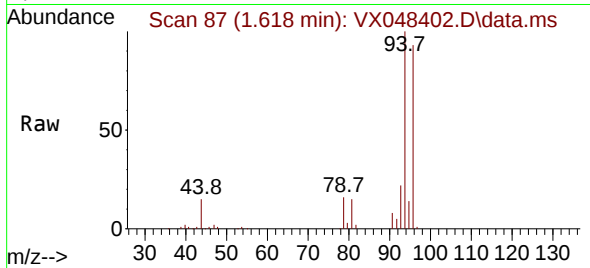




#5  
Bromomethane  
Concen: 34.028 ug/l  
RT: 1.618 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

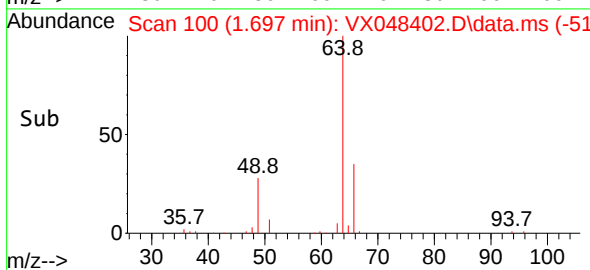
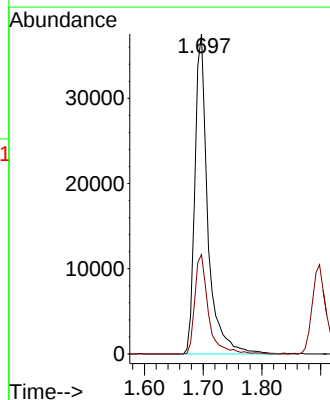
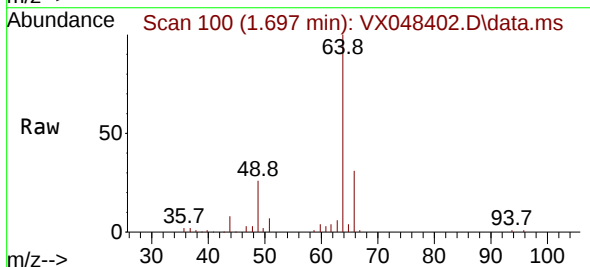
Instrument :  
MSVOA\_X  
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VSTDCCC050EC

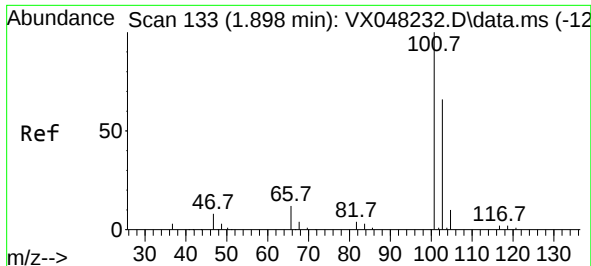
Tgt Ion: 94 Resp: 33297  
Ion Ratio Lower Upper  
94 100  
96 93.2 76.0 114.0



#6  
Chloroethane  
Concen: 67.758 ug/l  
RT: 1.697 min Scan# 100  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 64 Resp: 57409  
Ion Ratio Lower Upper  
64 100  
66 31.1 23.9 35.9

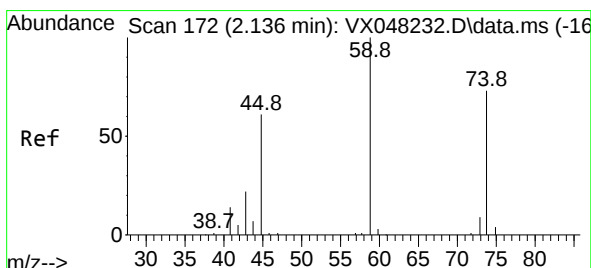
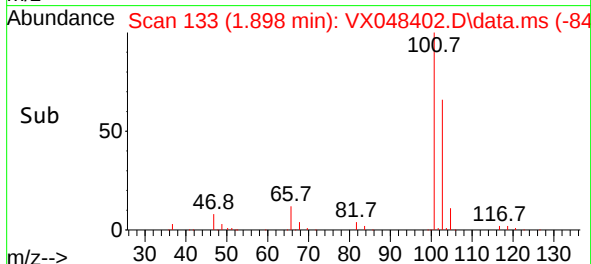
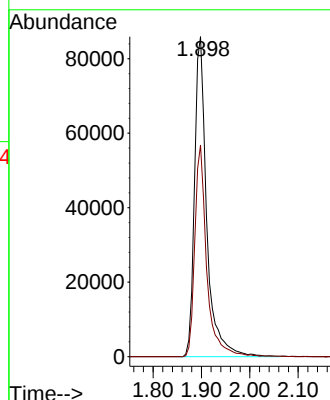
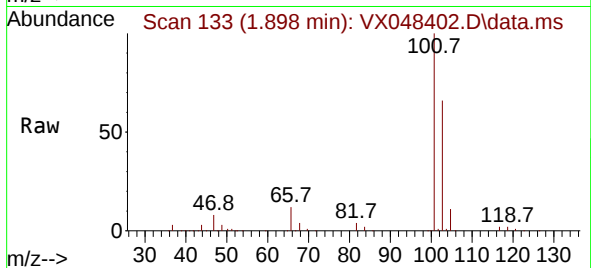




#7  
 Trichlorofluoromethane  
 Concen: 54.446 ug/l  
 RT: 1.898 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX048402.D  
 Acq: 28 Oct 2025 16:12

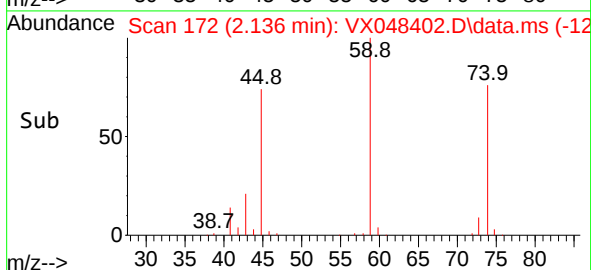
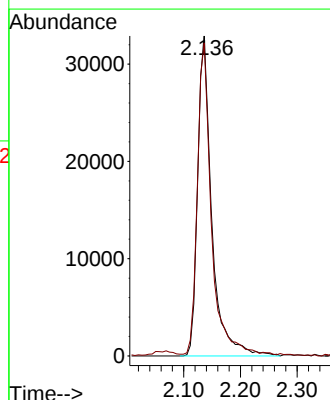
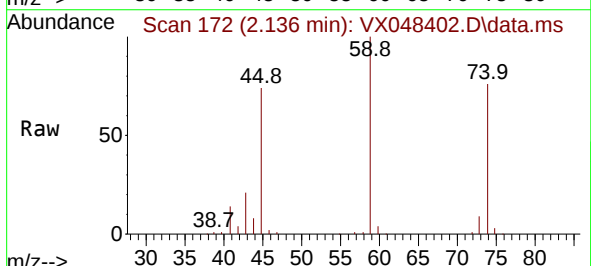
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

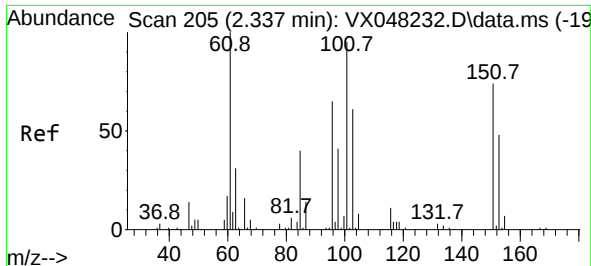
Tgt Ion:101 Resp: 150559  
 Ion Ratio Lower Upper  
 101 100  
 103 66.2 51.6 77.4



#8  
 Diethyl Ether  
 Concen: 73.177 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX048402.D  
 Acq: 28 Oct 2025 16:12

Tgt Ion: 74 Resp: 56938  
 Ion Ratio Lower Upper  
 74 100  
 45 96.8 50.0 149.8

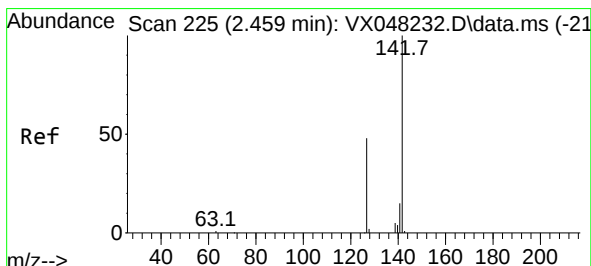
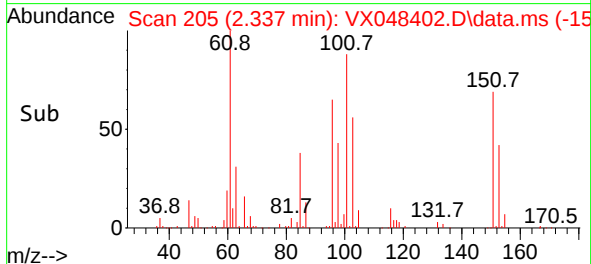
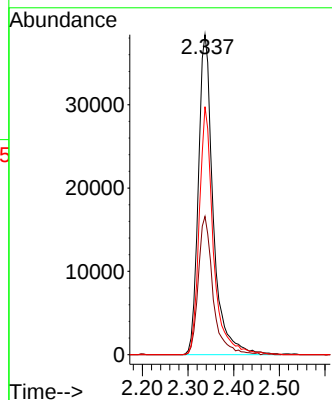
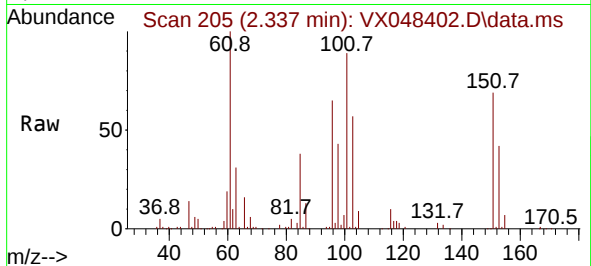




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 49.456 ug/l  
 RT: 2.337 min Scan# 205  
 Delta R.T. 0.000 min  
 Lab File: VX048402.D  
 Acq: 28 Oct 2025 16:12

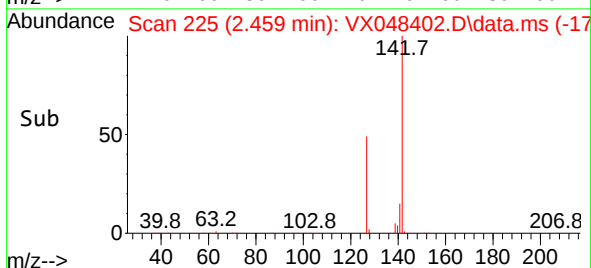
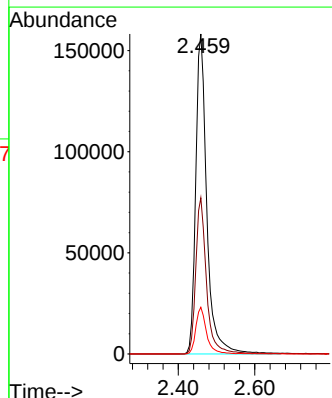
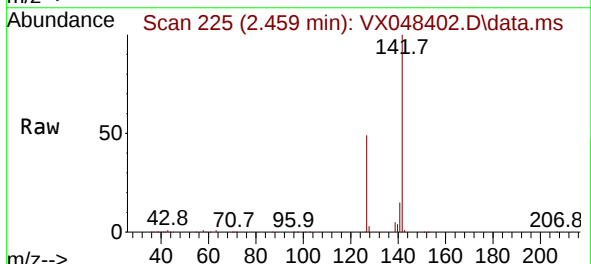
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

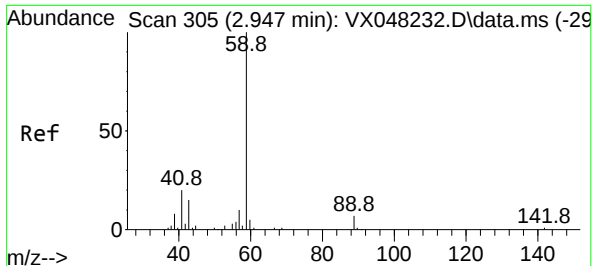
Tgt Ion:101 Resp: 86602  
 Ion Ratio Lower Upper  
 101 100  
 85 43.0 35.6 53.4  
 151 74.2 58.0 87.0



#10  
 Methyl Iodide  
 Concen: 144.597 ug/l  
 RT: 2.459 min Scan# 225  
 Delta R.T. 0.000 min  
 Lab File: VX048402.D  
 Acq: 28 Oct 2025 16:12

Tgt Ion:142 Resp: 318311  
 Ion Ratio Lower Upper  
 142 100  
 127 47.1 38.5 57.7  
 141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 195.854 ug/l

RT: 2.941 min Scan# 305

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA\_X

ClientSampleId :

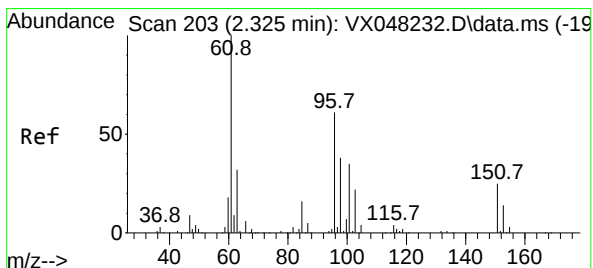
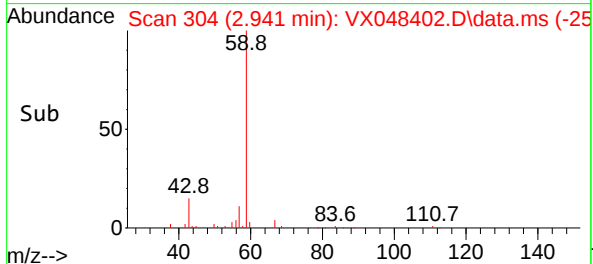
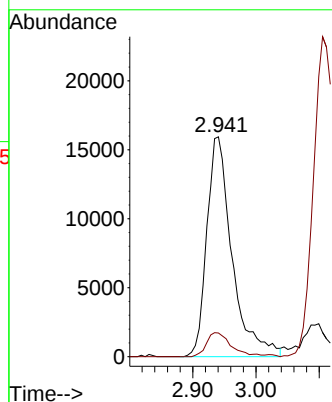
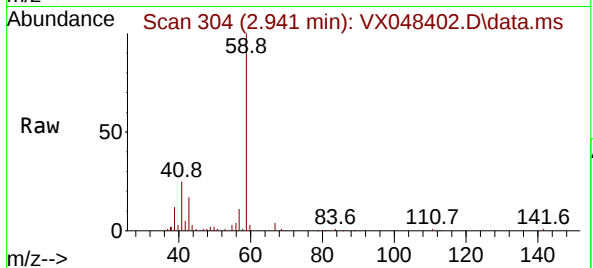
VSTDCCC050EC

Tgt Ion: 59 Resp: 44242

Ion Ratio Lower Upper

59 100

57 10.8 8.2 12.4



#12

1,1-Dichloroethene

Concen: 50.275 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

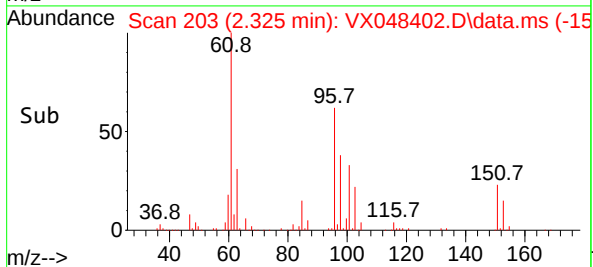
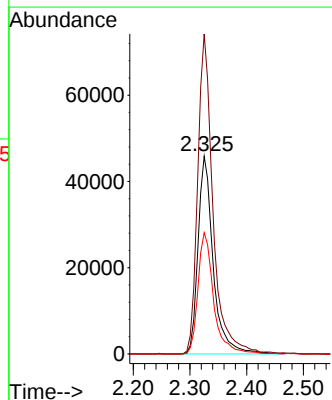
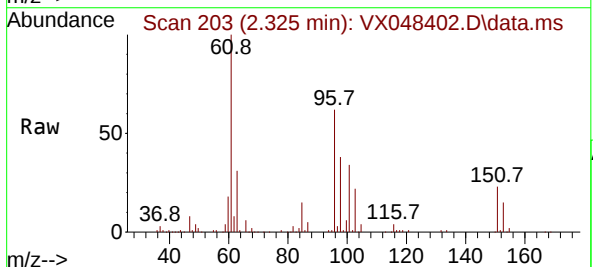
Tgt Ion: 96 Resp: 85649

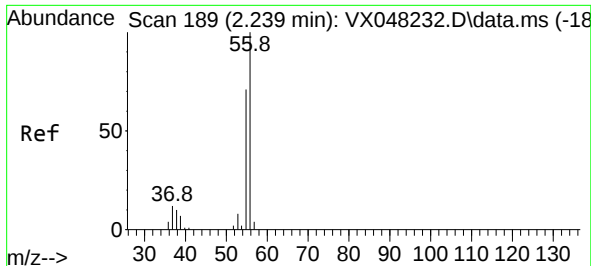
Ion Ratio Lower Upper

96 100

61 161.8 139.0 208.6

98 61.3 52.4 78.6

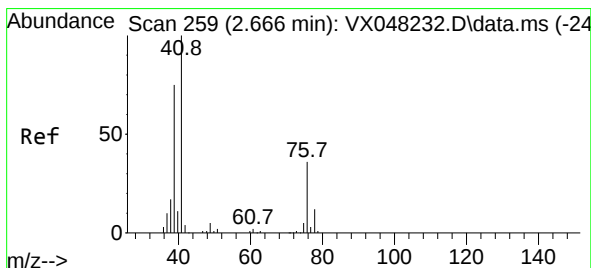
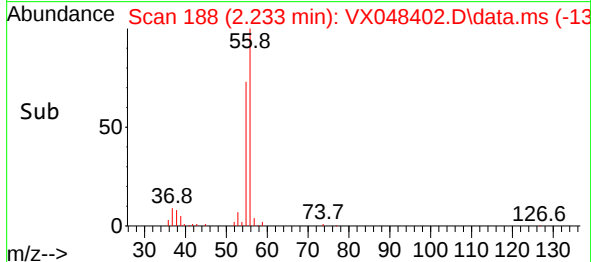
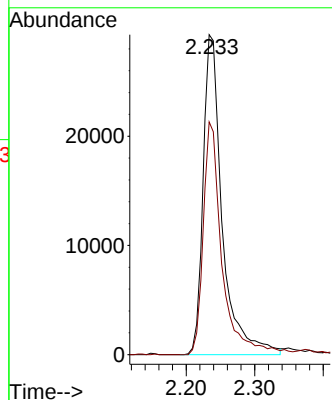
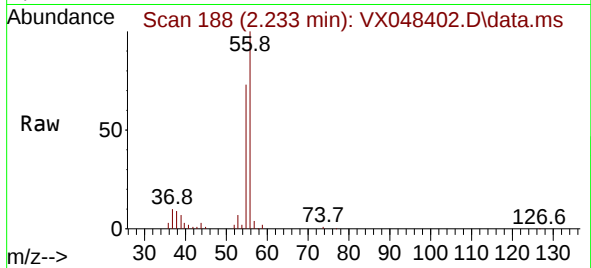




#13  
Acrolein  
Concen: 246.778 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

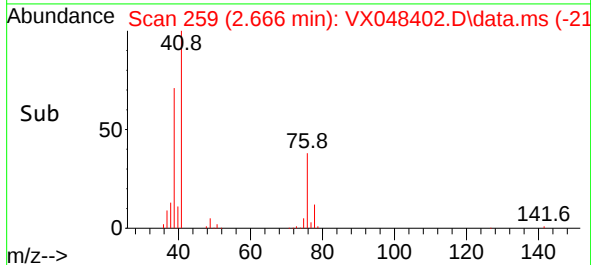
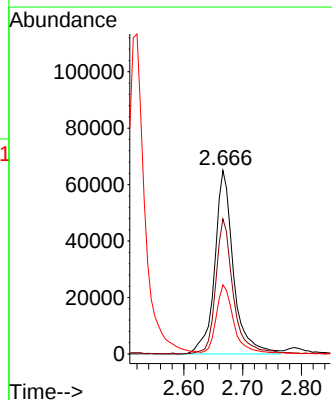
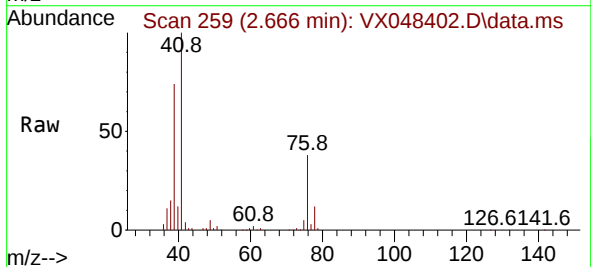
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

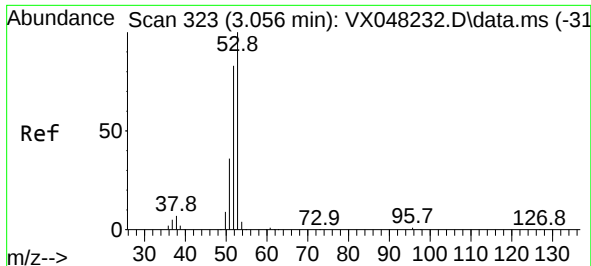
Tgt Ion: 56 Resp: 56854  
Ion Ratio Lower Upper  
56 100  
55 71.5 56.1 84.1



#14  
Allyl chloride  
Concen: 51.051 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 41 Resp: 144395  
Ion Ratio Lower Upper  
41 100  
39 69.1 56.0 84.0  
76 35.1 27.5 41.3

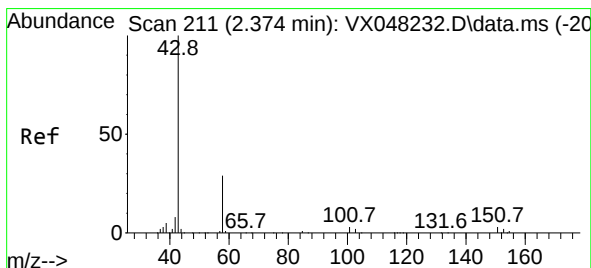
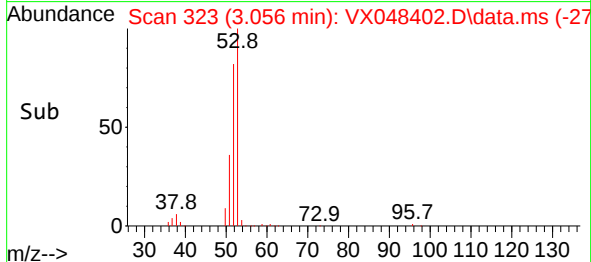
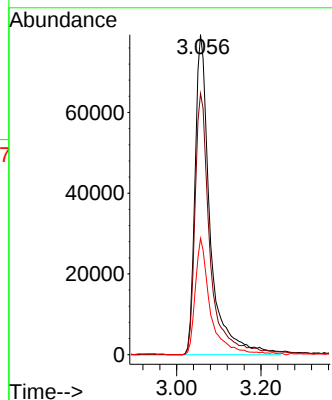
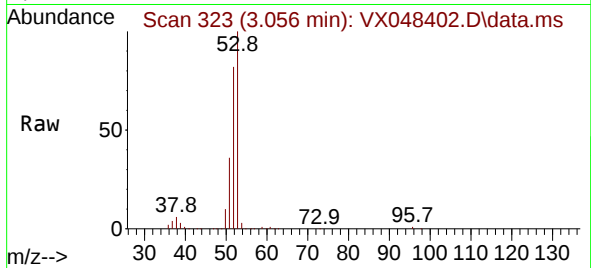




#15  
Acrylonitrile  
Concen: 243.531 ug/l  
RT: 3.056 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

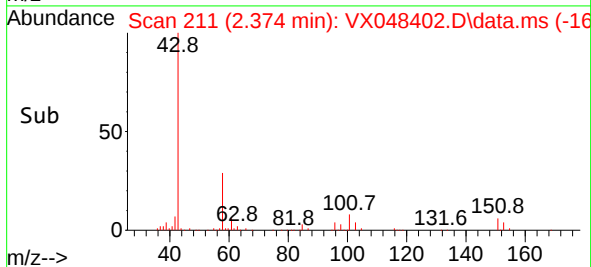
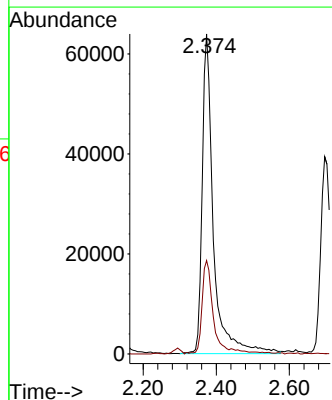
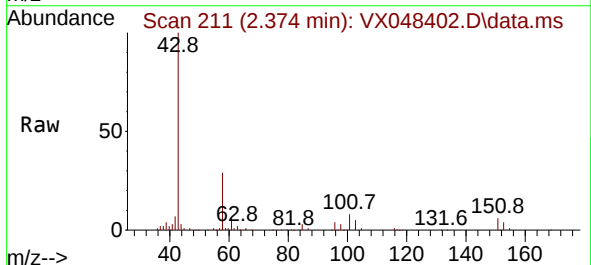
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

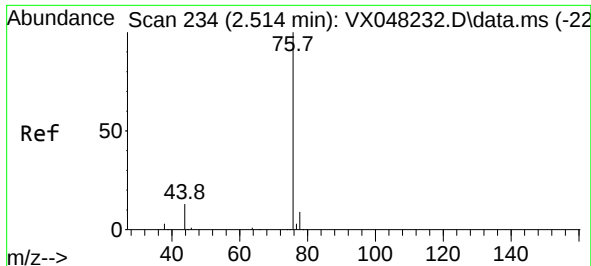
Tgt Ion: 53 Resp: 198367  
Ion Ratio Lower Upper  
53 100  
52 81.4 66.1 99.1  
51 36.4 29.0 43.4



#16  
Acetone  
Concen: 174.677 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 43 Resp: 136336  
Ion Ratio Lower Upper  
43 100  
58 29.1 23.4 35.2

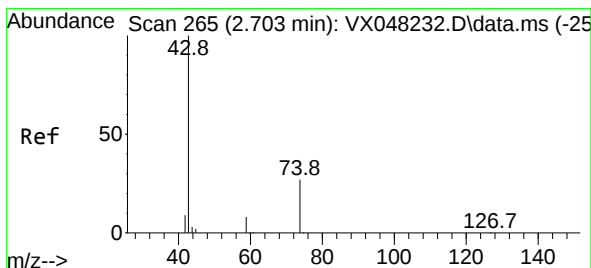
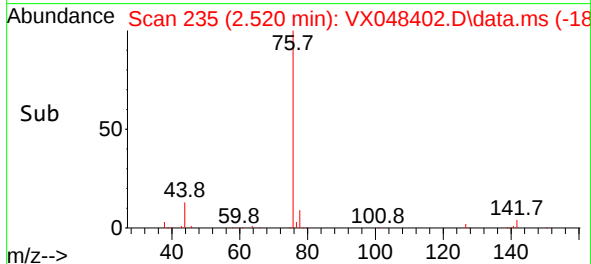
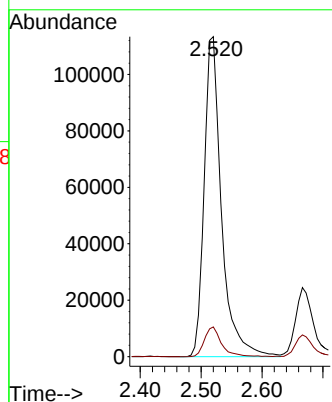
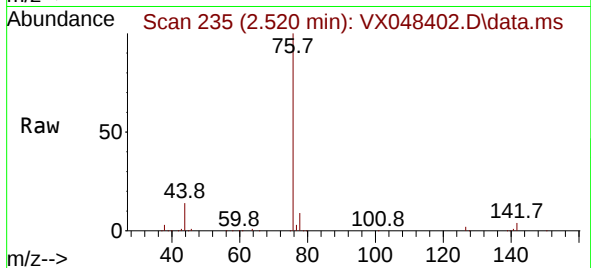




#17  
Carbon Disulfide  
Concen: 41.763 ug/l  
RT: 2.520 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

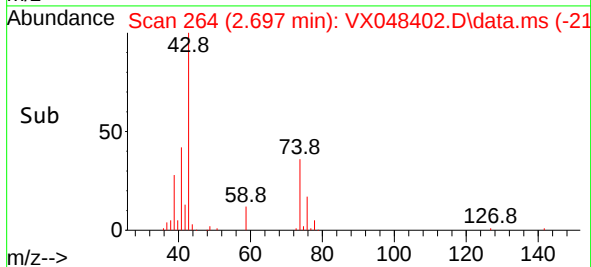
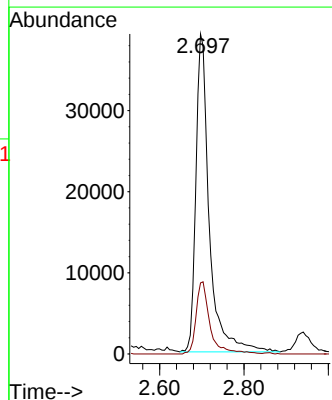
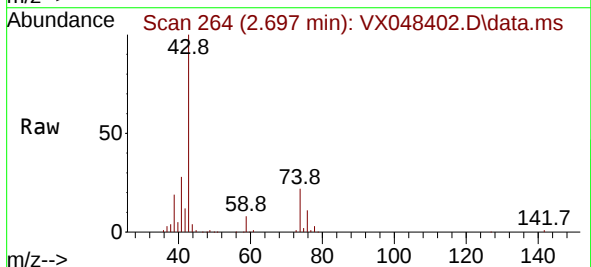
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

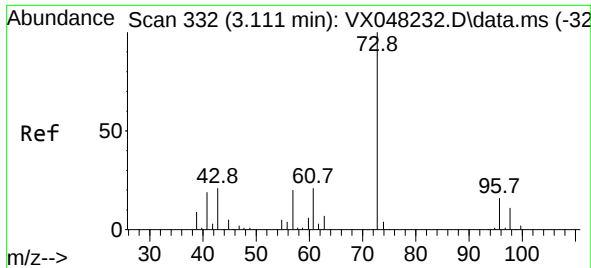
Tgt Ion: 76 Resp: 224233  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.1 10.7



#18  
Methyl Acetate  
Concen: 53.092 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 43 Resp: 86541  
Ion Ratio Lower Upper  
43 100  
74 23.7 17.5 26.3

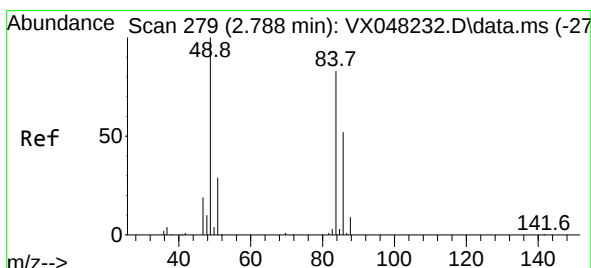
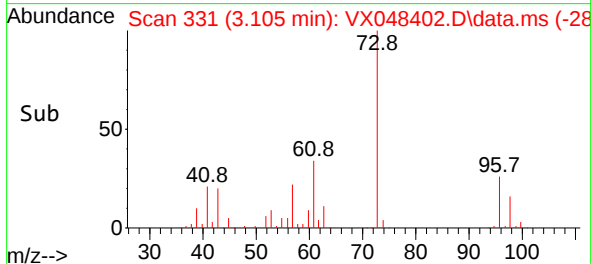
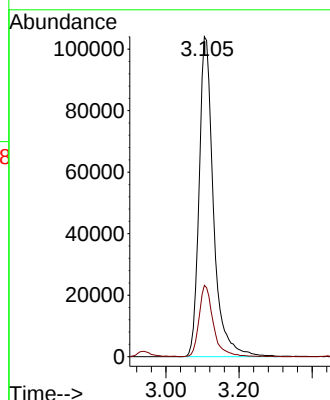
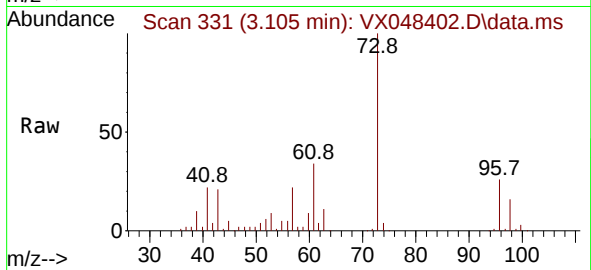




#19  
Methyl tert-butyl Ether  
Concen: 49.010 ug/l  
RT: 3.105 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

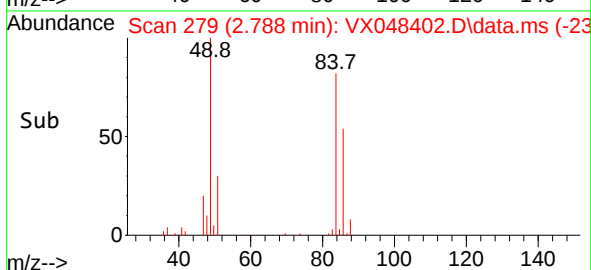
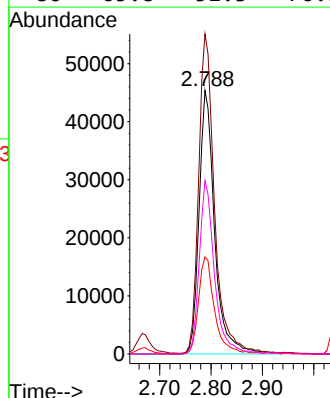
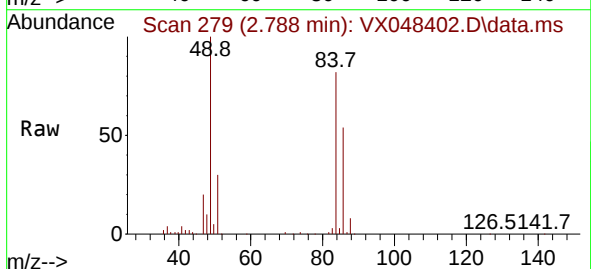
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

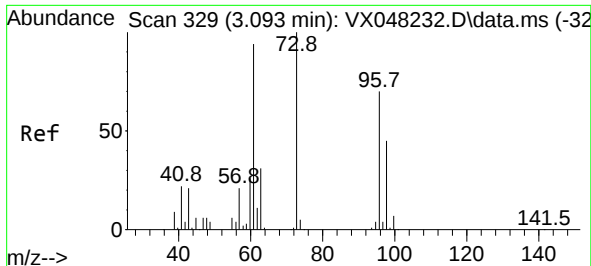
Tgt Ion: 73 Resp: 284837  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.7 26.5



#20  
Methylene Chloride  
Concen: 50.389 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 84 Resp: 95830  
Ion Ratio Lower Upper  
84 100  
49 121.2 104.1 156.1  
51 36.9 31.3 46.9  
86 65.8 51.3 76.9

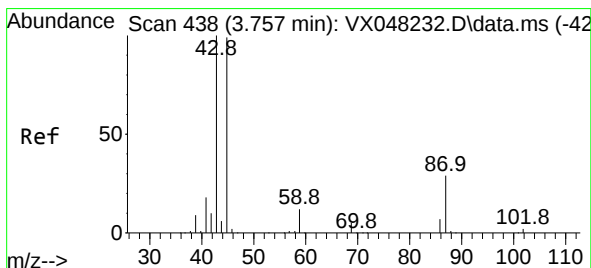
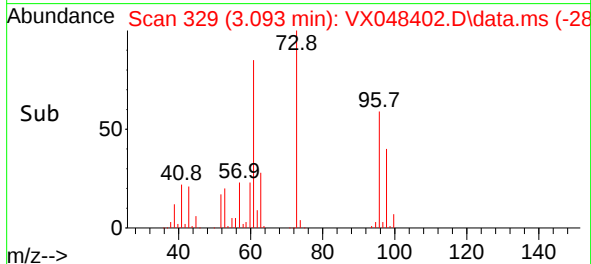
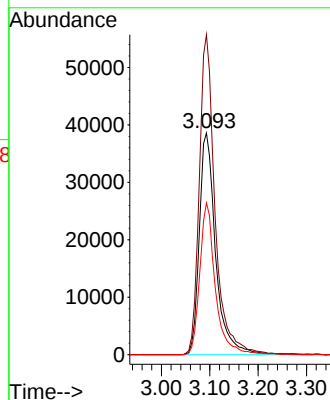
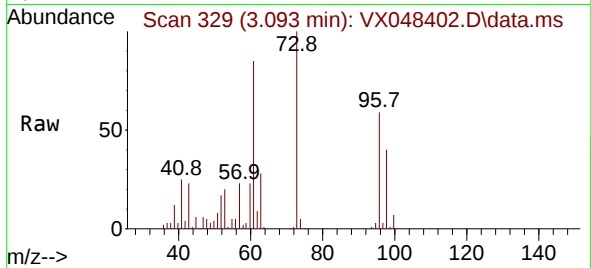




#21  
trans-1,2-Dichloroethene  
Concen: 48.463 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

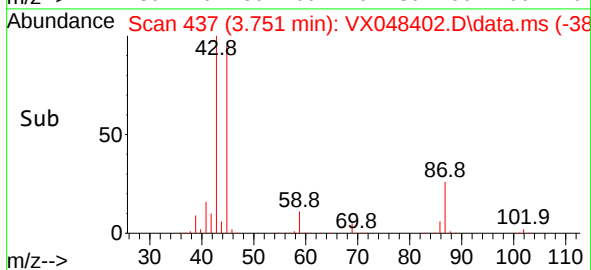
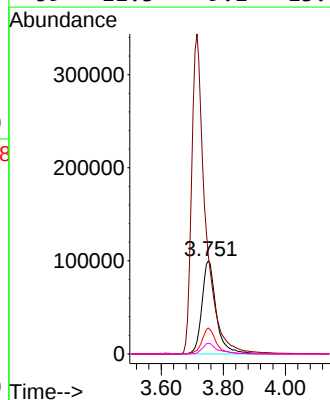
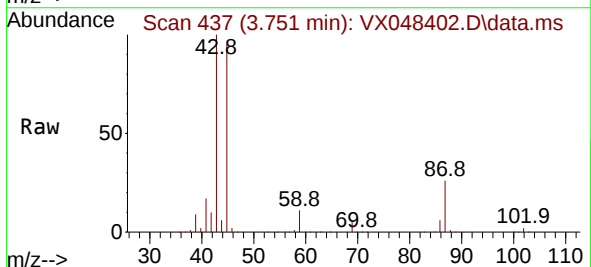
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

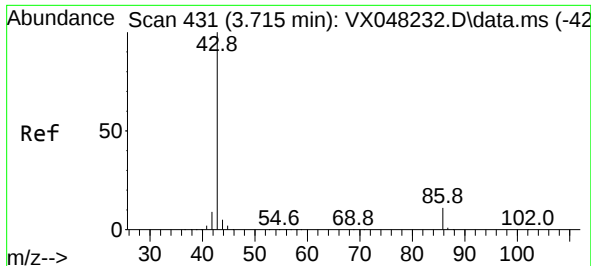
Tgt Ion: 96 Resp: 90690  
Ion Ratio Lower Upper  
96 100  
61 144.3 111.9 167.9  
98 68.4 51.2 76.8



#22  
Diisopropyl ether  
Concen: 56.609 ug/l  
RT: 3.751 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 45 Resp: 319355  
Ion Ratio Lower Upper  
45 100  
43 105.6 89.8 134.8  
87 27.8 20.6 31.0  
59 11.3 9.1 13.7

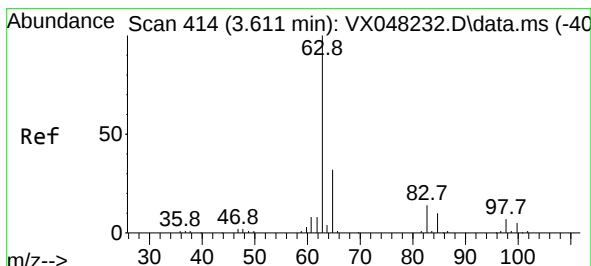
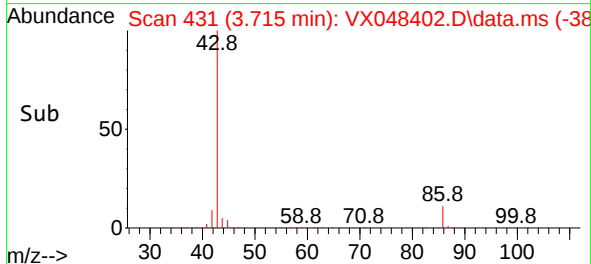
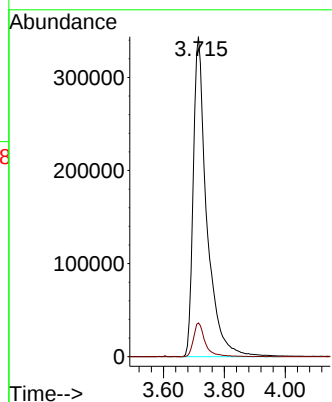
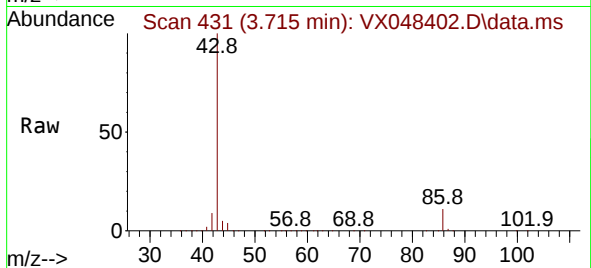




#23  
Vinyl Acetate  
Concen: 236.286 ug/l  
RT: 3.715 min Scan# 413  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

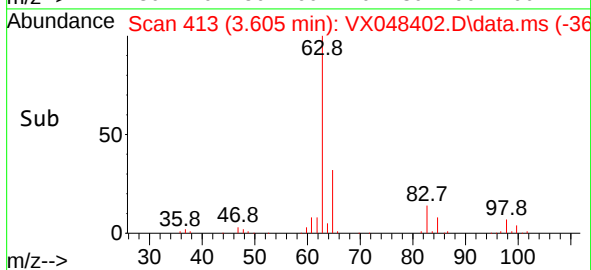
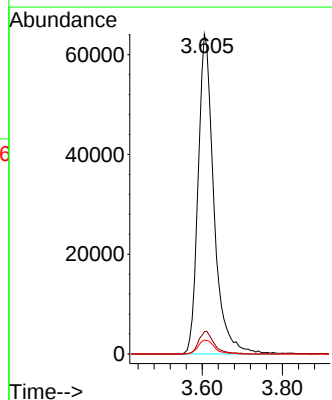
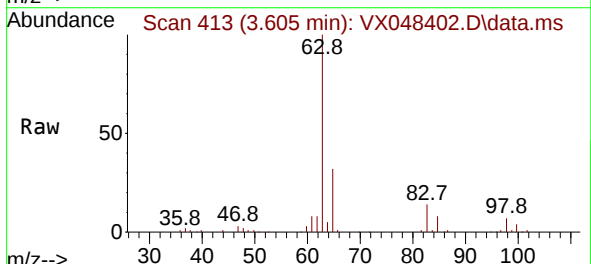
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

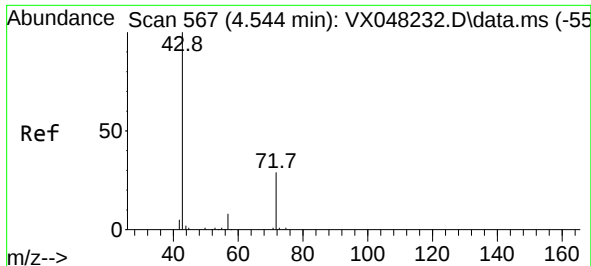
Tgt Ion: 43 Resp: 1064799  
Ion Ratio Lower Upper  
43 100  
86 10.6 7.9 11.9



#24  
1,1-Dichloroethane  
Concen: 51.370 ug/l  
RT: 3.605 min Scan# 413  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 63 Resp: 175233  
Ion Ratio Lower Upper  
63 100  
98 7.0 3.5 10.6  
100 4.4 2.1 6.3

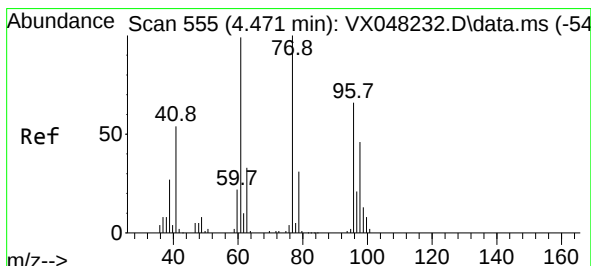
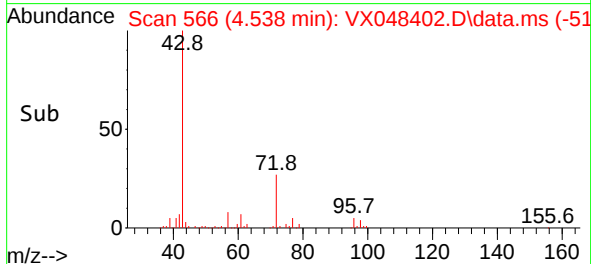
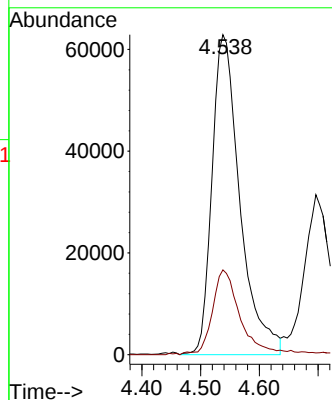
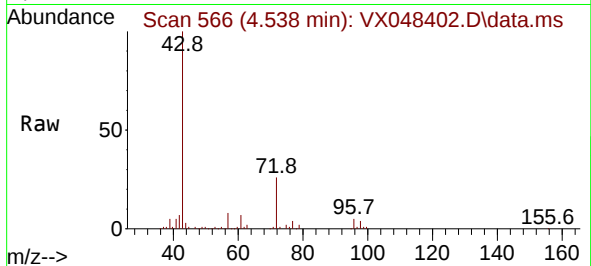




#25  
2-Butanone  
Concen: 210.011 ug/l  
RT: 4.538 min Scan# 566  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

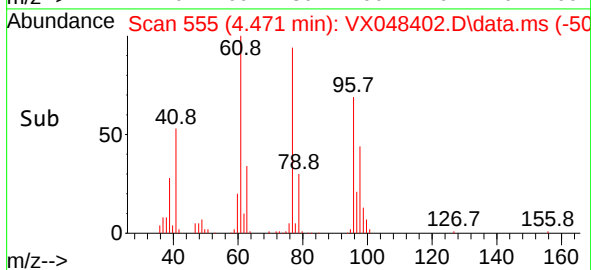
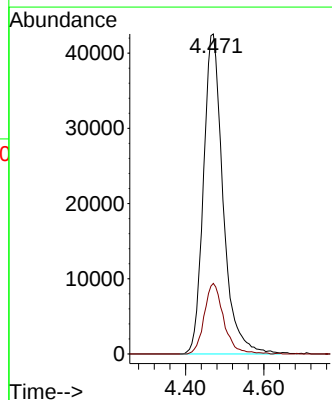
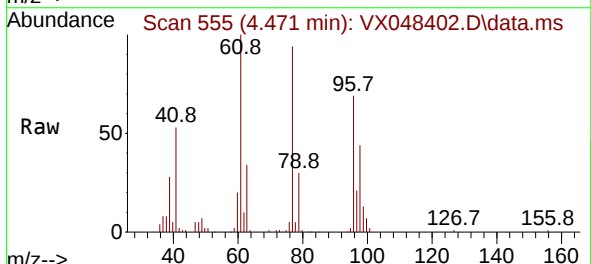
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

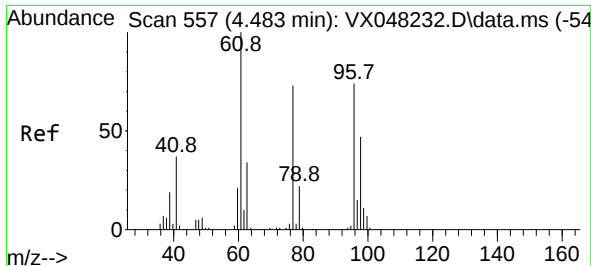
Tgt Ion: 43 Resp: 207473  
Ion Ratio Lower Upper  
43 100  
72 25.9 19.9 29.9



#26  
2,2-Dichloropropane  
Concen: 47.905 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.006 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 77 Resp: 147498  
Ion Ratio Lower Upper  
77 100  
97 21.9 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 50.643 ug/l

RT: 4.483 min Scan# 511

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

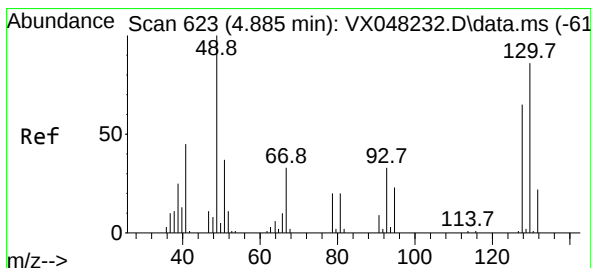
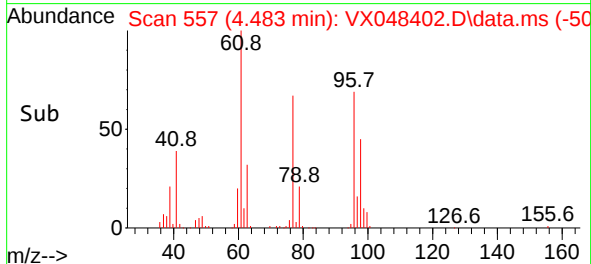
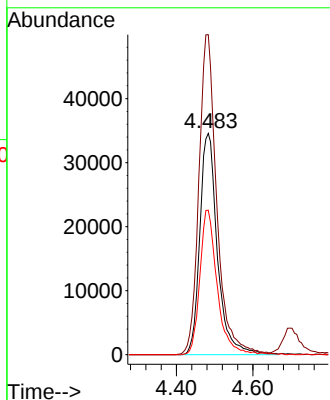
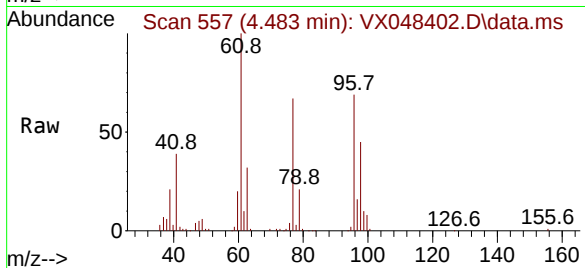
Tgt Ion: 96 Resp: 110602

Ion Ratio Lower Upper

96 100

61 146.8 0.0 294.2

98 64.1 0.0 128.4



#28

Bromochloromethane

Concen: 51.012 ug/l

RT: 4.885 min Scan# 623

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

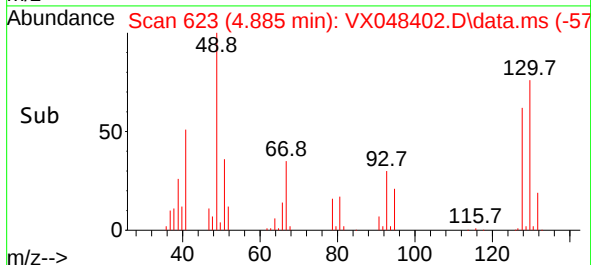
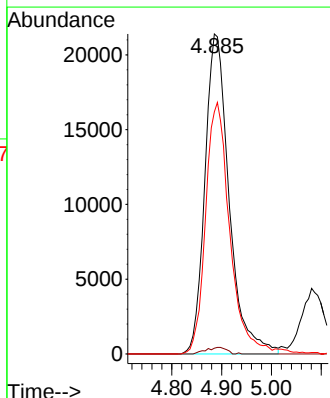
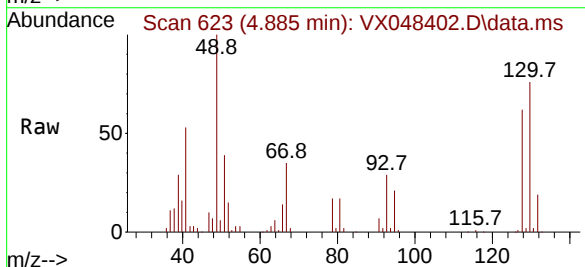
Tgt Ion: 49 Resp: 72152

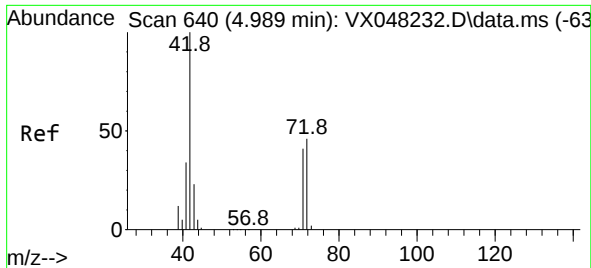
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.4

130 78.1 59.3 88.9

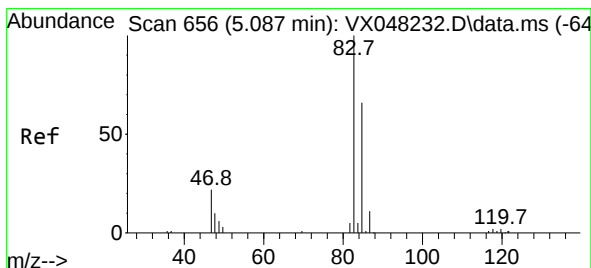
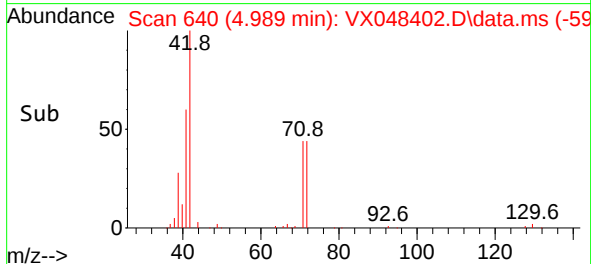
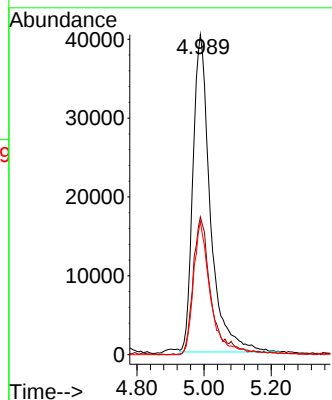
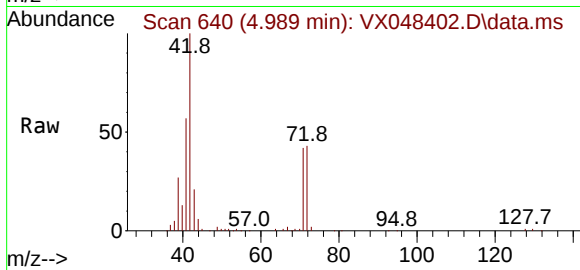




#29  
Tetrahydrofuran  
Concen: 244.922 ug/l  
RT: 4.989 min Scan# 640  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

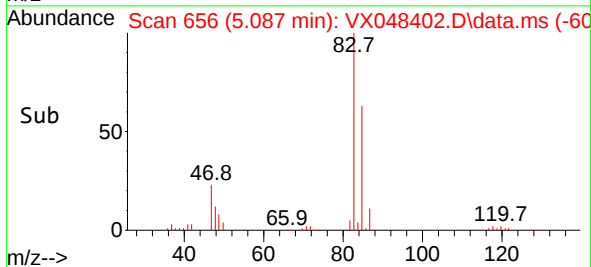
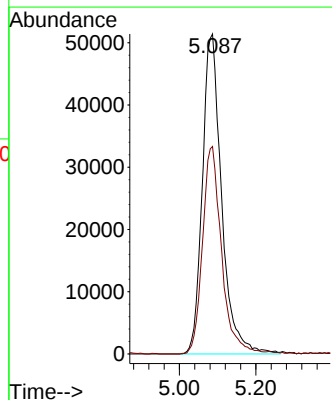
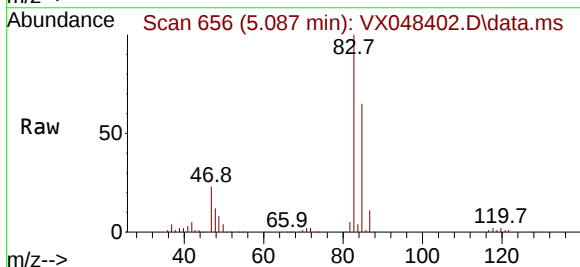
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

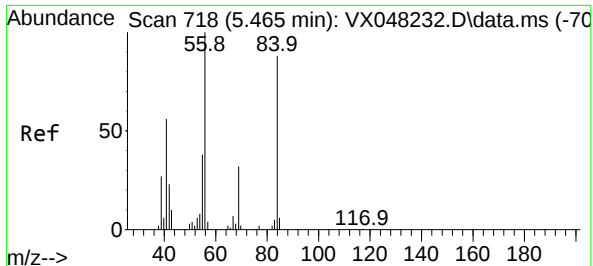
Tgt Ion: 42 Resp: 144912  
Ion Ratio Lower Upper  
42 100  
72 45.0 35.3 52.9  
71 40.7 32.2 48.4



#30  
Chloroform  
Concen: 49.351 ug/l  
RT: 5.087 min Scan# 656  
Delta R.T. 0.006 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 83 Resp: 179857  
Ion Ratio Lower Upper  
83 100  
85 64.9 50.1 75.1

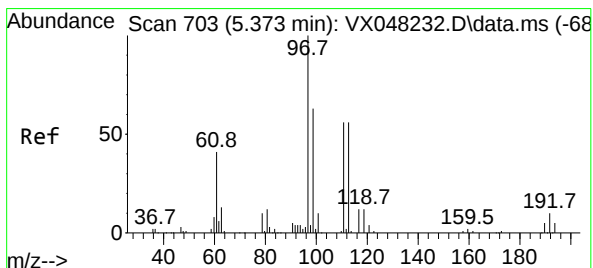
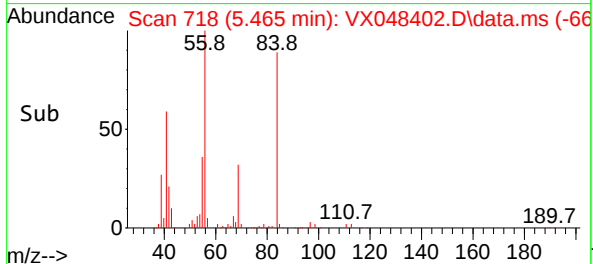
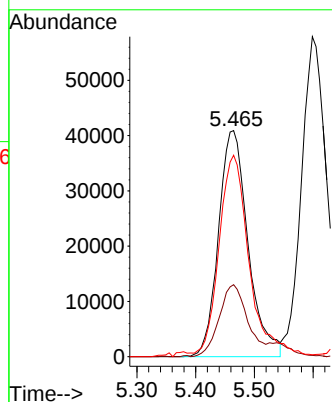
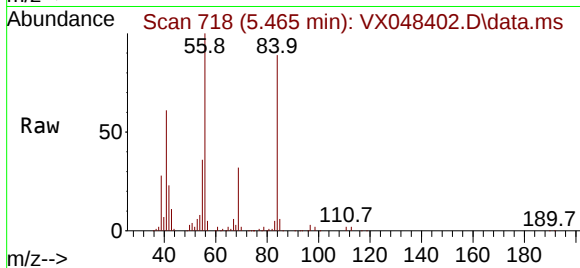




#31  
Cyclohexane  
Concen: 50.594 ug/l  
RT: 5.465 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

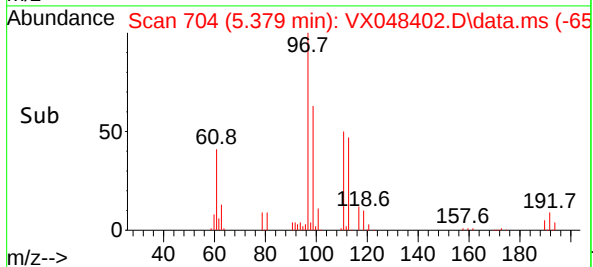
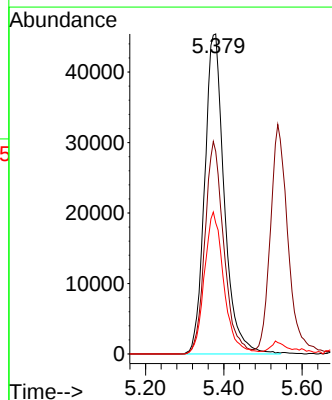
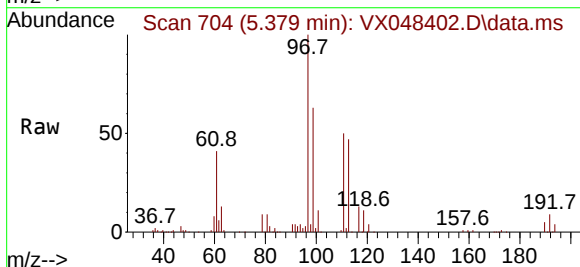
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

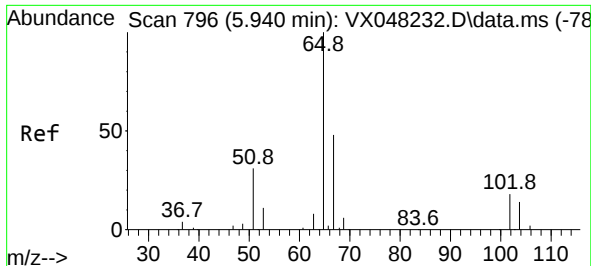
Tgt Ion: 56 Resp: 142883  
Ion Ratio Lower Upper  
56 100  
69 31.5 23.0 34.6  
84 87.3 64.6 97.0



#32  
1,1,1-Trichloroethane  
Concen: 46.998 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 97 Resp: 157857  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.7 77.5  
61 44.1 34.8 52.2

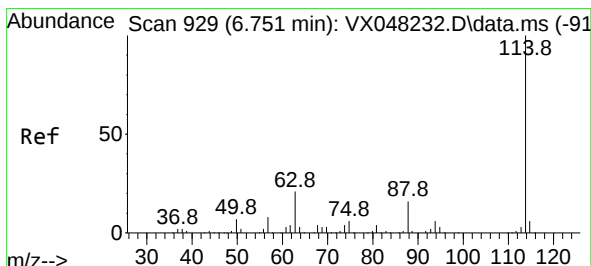
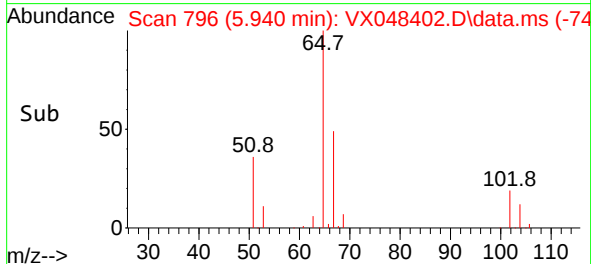
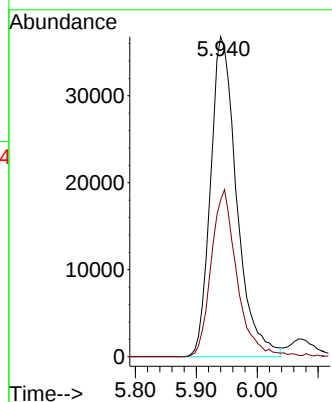
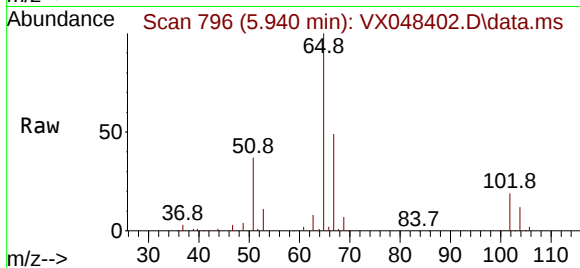




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.344 ug/l  
 RT: 5.940 min Scan# 796  
 Delta R.T. 0.000 min  
 Lab File: VX048402.D  
 Acq: 28 Oct 2025 16:12

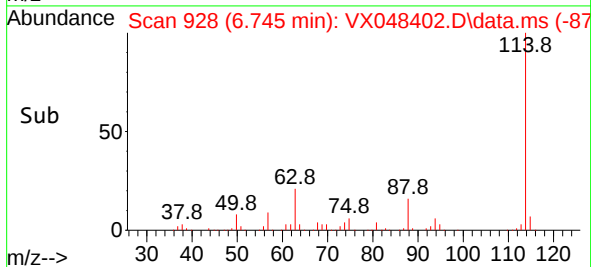
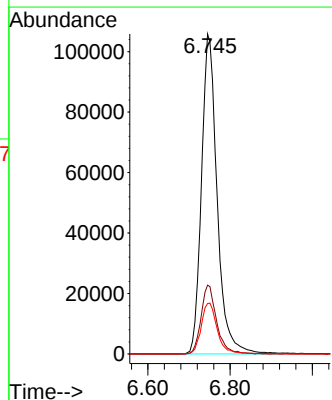
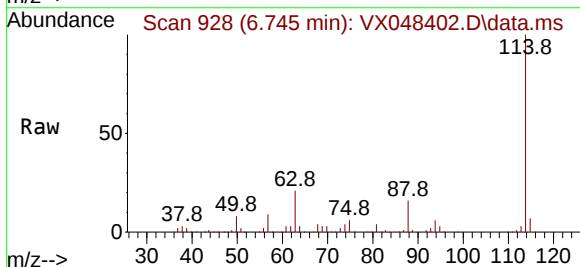
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

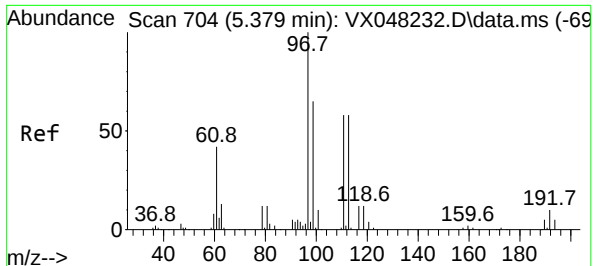
Tgt Ion: 65 Resp: 109990  
 Ion Ratio Lower Upper  
 65 100  
 67 51.2 0.0 105.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.745 min Scan# 928  
 Delta R.T. -0.000 min  
 Lab File: VX048402.D  
 Acq: 28 Oct 2025 16:12

Tgt Ion: 114 Resp: 279193  
 Ion Ratio Lower Upper  
 114 100  
 63 21.5 0.0 43.2  
 88 15.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 39.797 ug/l

RT: 5.373 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

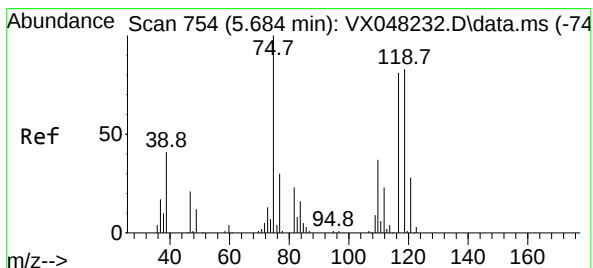
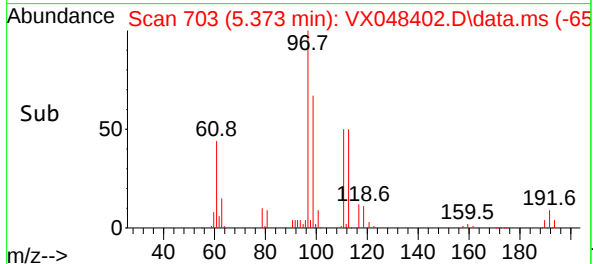
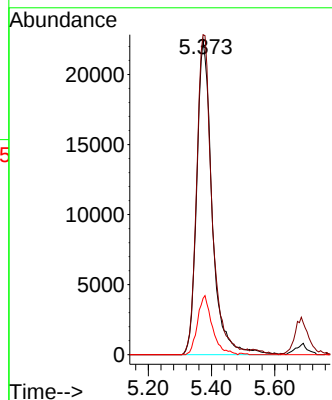
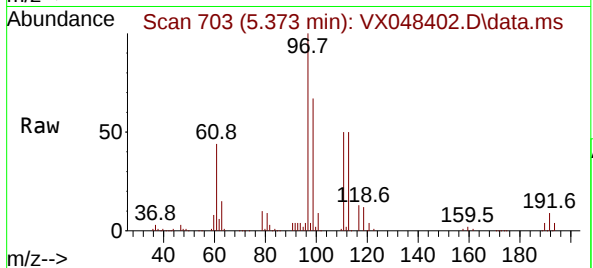
Tgt Ion:113 Resp: 75854

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 18.0 15.1 22.7



#36

1,1-Dichloropropene

Concen: 43.483 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

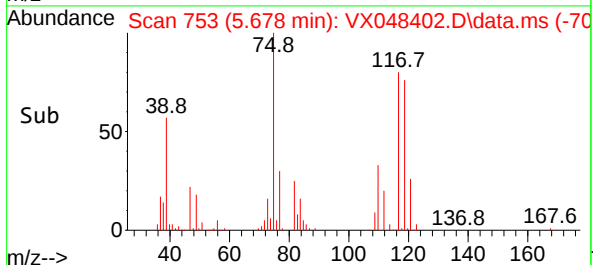
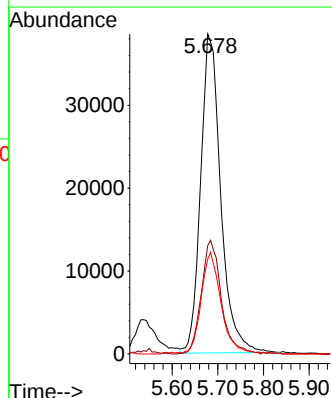
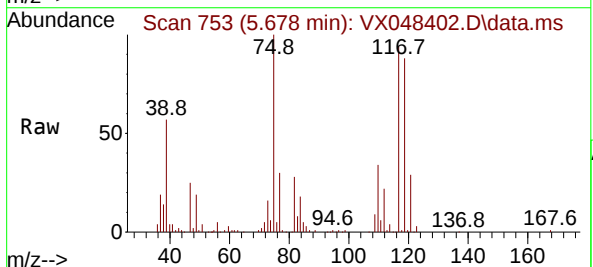
Tgt Ion: 75 Resp: 117800

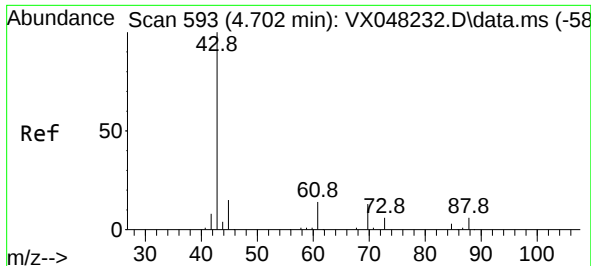
Ion Ratio Lower Upper

75 100

110 35.3 17.7 53.1

77 30.7 24.3 36.5





#37

Ethyl Acetate

Concen: 48.813 ug/l

RT: 4.696 min Scan# 592

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

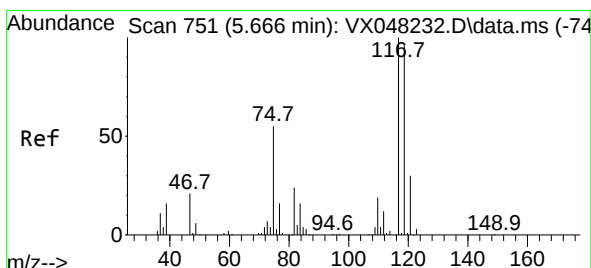
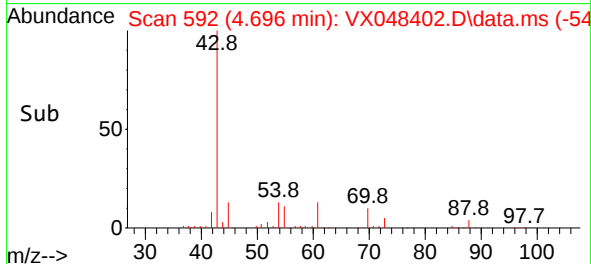
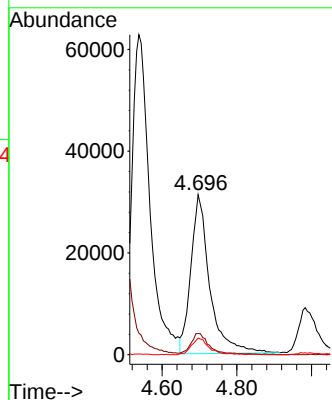
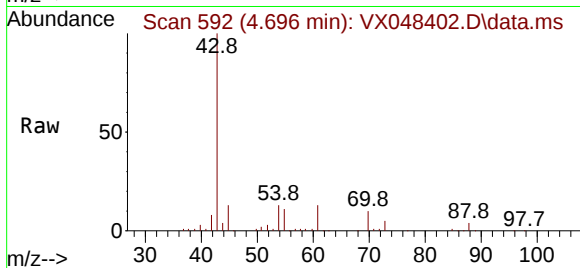
Tgt Ion: 43 Resp: 109610

Ion Ratio Lower Upper

43 100

61 11.8 10.6 15.8

70 9.3 7.8 11.6



#38

Carbon Tetrachloride

Concen: 39.960 ug/l

RT: 5.666 min Scan# 751

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

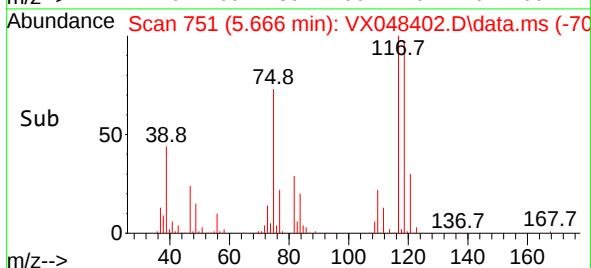
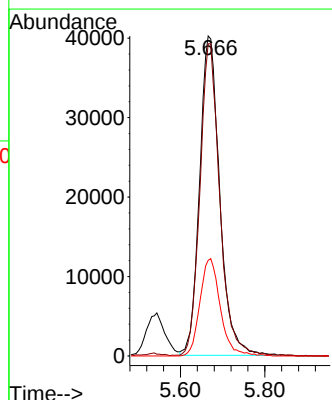
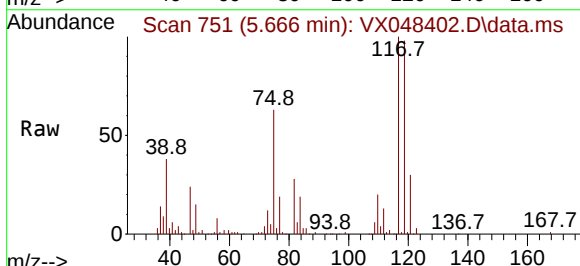
Tgt Ion: 117 Resp: 133559

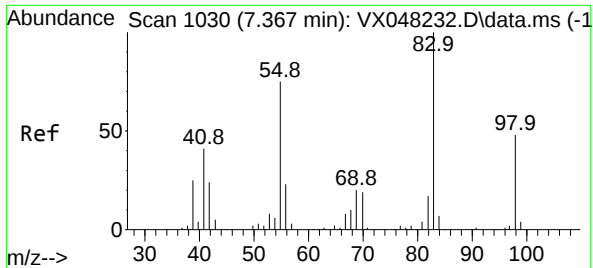
Ion Ratio Lower Upper

117 100

119 97.5 77.2 115.8

121 30.0 24.8 37.2

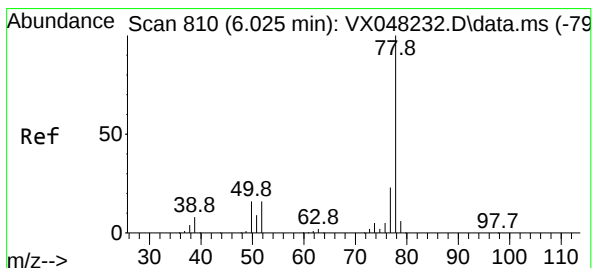
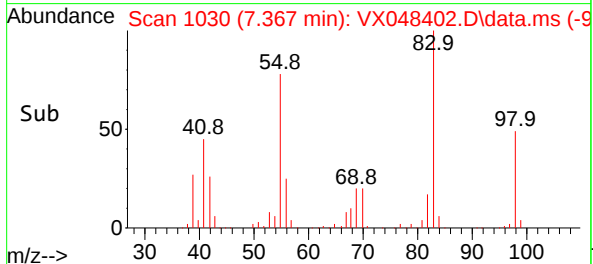
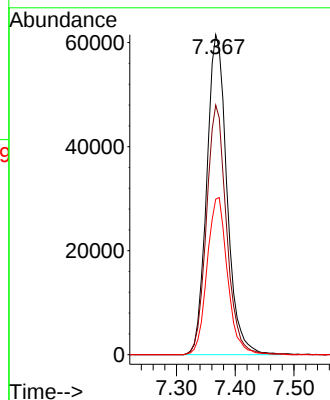
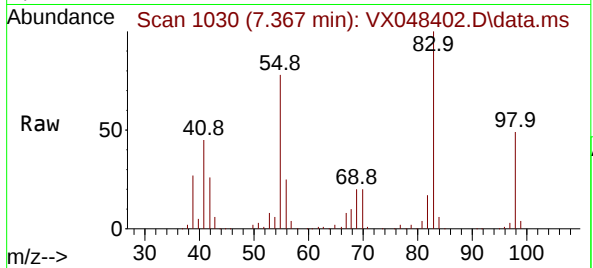




#39  
Methylcyclohexane  
Concen: 46.103 ug/l  
RT: 7.367 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

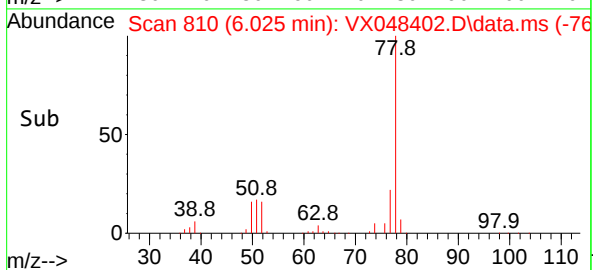
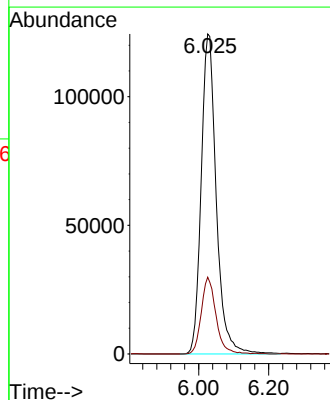
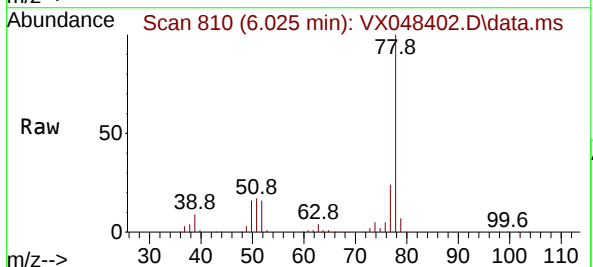
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

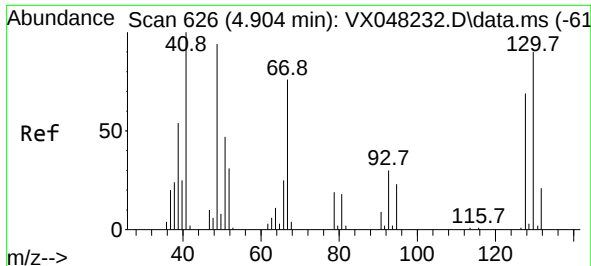
Tgt Ion: 83 Resp: 147503  
Ion Ratio Lower Upper  
83 100  
55 78.0 66.2 99.2  
98 48.6 38.9 58.3



#40  
Benzene  
Concen: 47.237 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 78 Resp: 371537  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.3 28.9



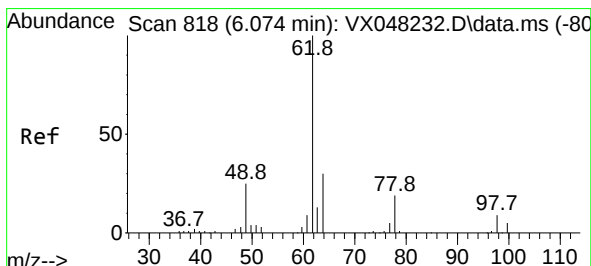
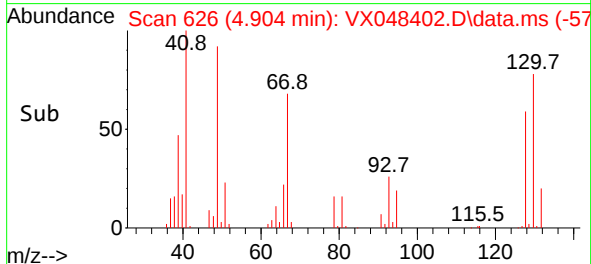
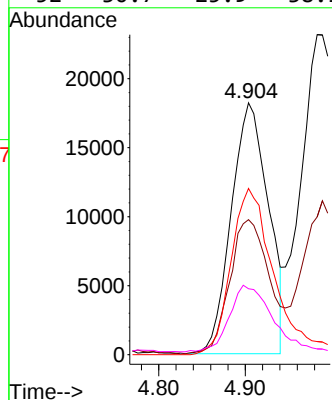
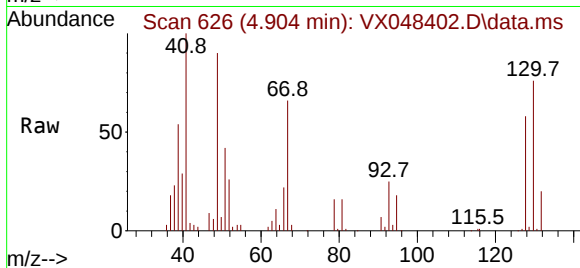


#41  
Methacrylonitrile  
Concen: 45.911 ug/l  
RT: 4.904 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 54139

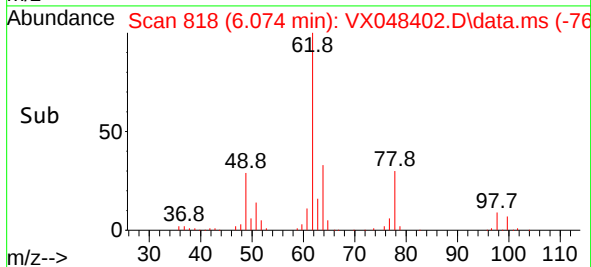
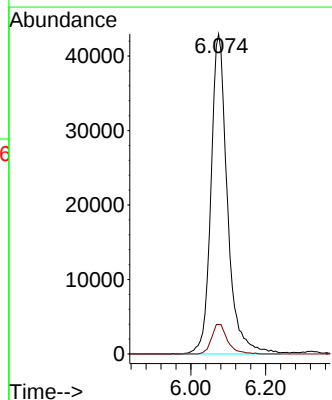
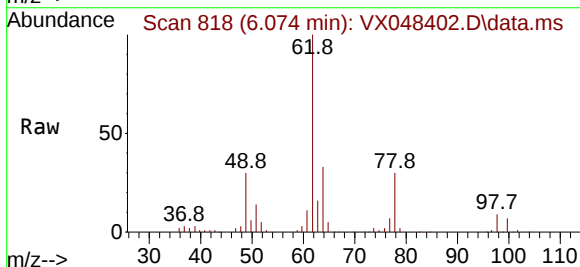
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 57.6  | 44.0  | 66.0  |
| 67  | 78.8  | 58.7  | 88.1  |
| 52  | 30.7  | 25.9  | 38.9  |

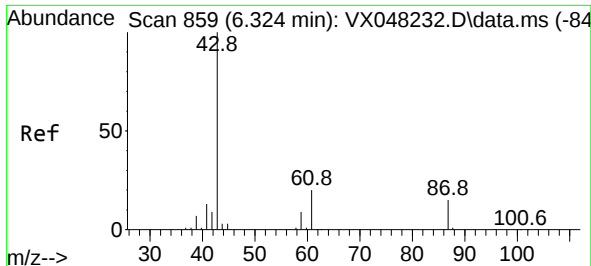


#42  
1,2-Dichloroethane  
Concen: 45.281 ug/l  
RT: 6.074 min Scan# 818  
Delta R.T. 0.006 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 62 Resp: 131424

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.0   | 0.0   | 17.2  |

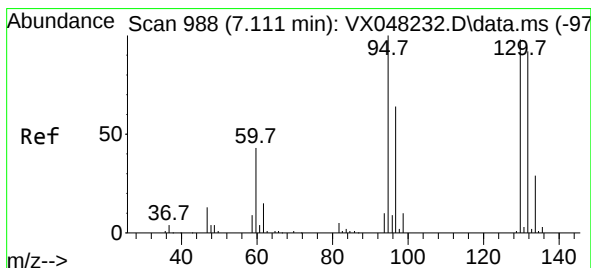
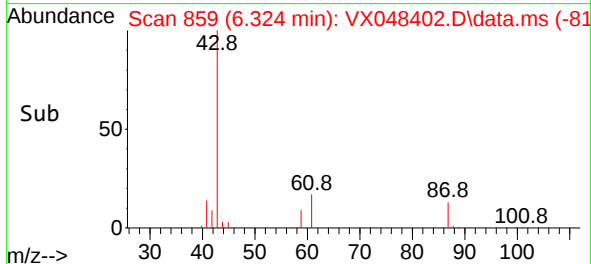
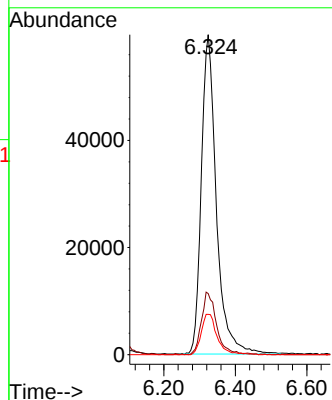
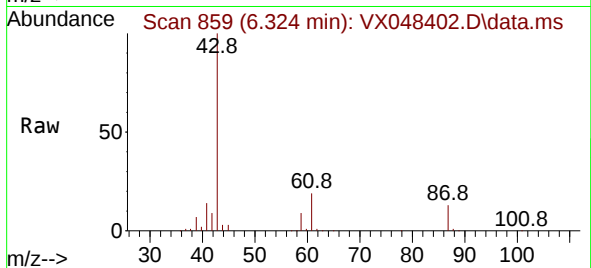




#43  
Isopropyl Acetate  
Concen: 47.127 ug/l  
RT: 6.324 min Scan# 859  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

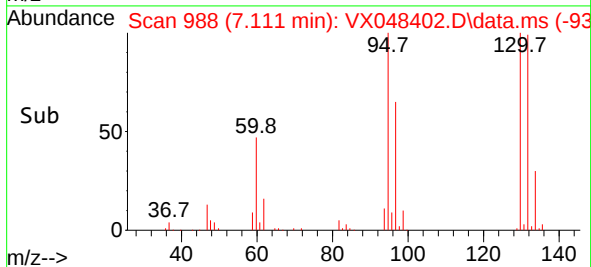
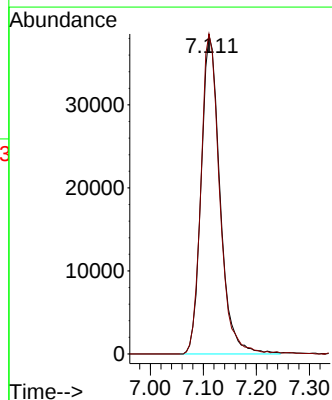
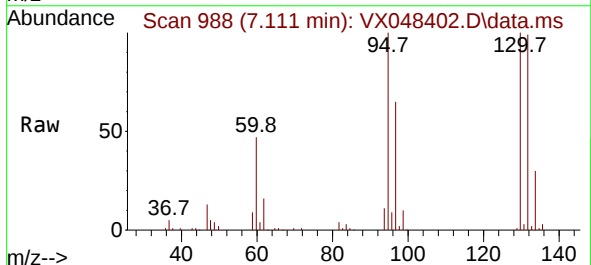
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

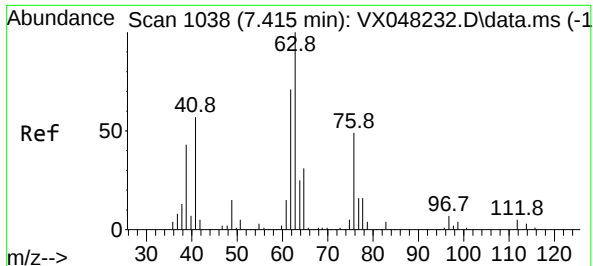
Tgt Ion: 43 Resp: 173825  
Ion Ratio Lower Upper  
43 100  
61 19.5 14.9 22.3  
87 13.2 9.4 14.2



#44  
Trichloroethene  
Concen: 45.528 ug/l  
RT: 7.111 min Scan# 988  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion:130 Resp: 94556  
Ion Ratio Lower Upper  
130 100  
95 100.5 0.0 200.6





#45

1,2-Dichloropropane

Concen: 49.670 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA\_X

ClientSampleId :

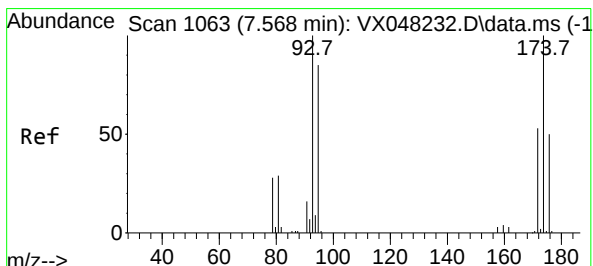
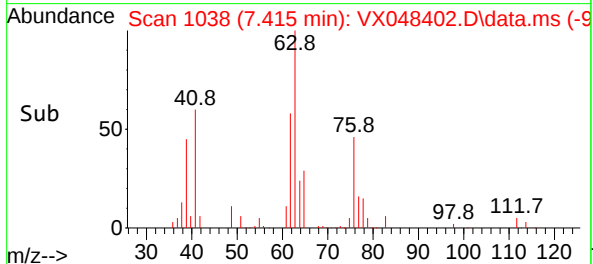
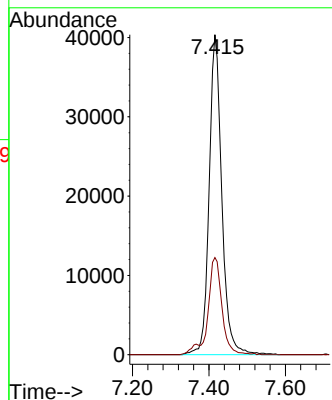
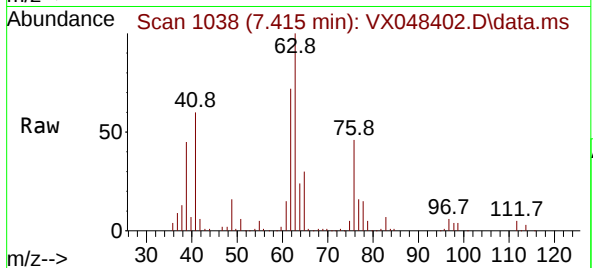
VSTDCCC050EC

Tgt Ion: 63 Resp: 92885

Ion Ratio Lower Upper

63 100

65 30.4 24.1 36.1



#46

Dibromomethane

Concen: 44.758 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

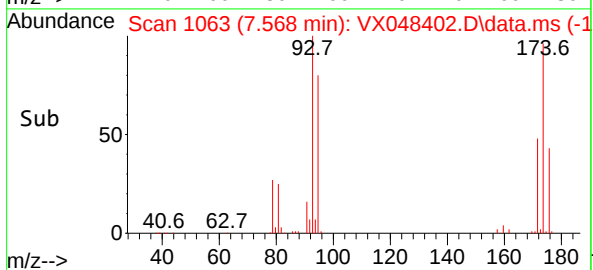
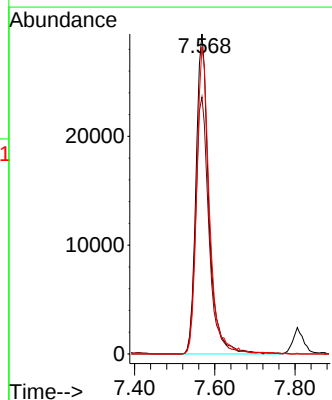
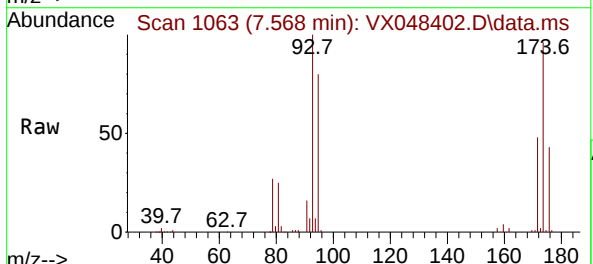
Tgt Ion: 93 Resp: 65208

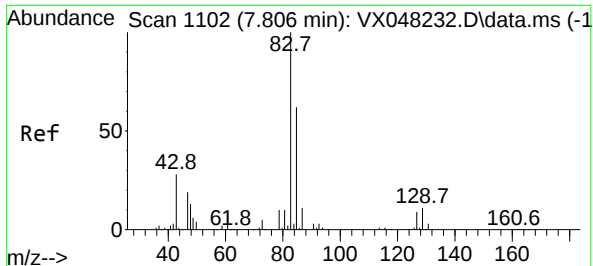
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

174 95.2 71.7 107.5



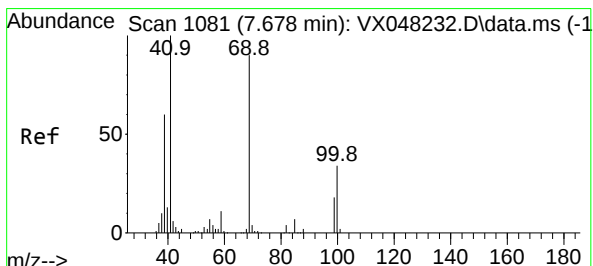
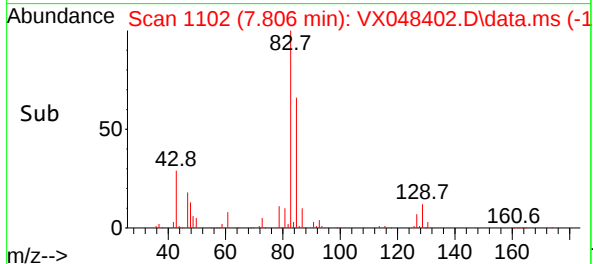
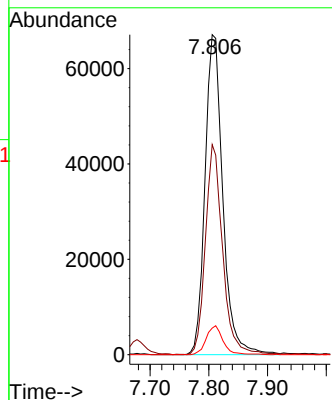
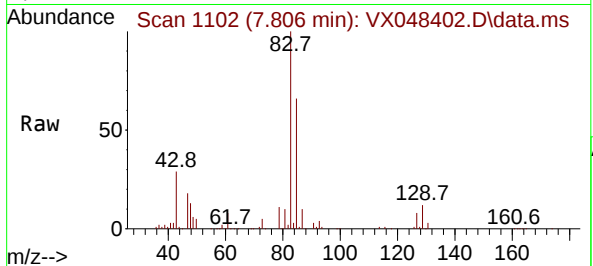


#47  
 Bromodichloromethane  
 Concen: 44.976 ug/l  
 RT: 7.806 min Scan# 1102  
 Delta R.T. 0.000 min  
 Lab File: VX048402.D  
 Acq: 28 Oct 2025 16:12

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 83 Resp: 141481  

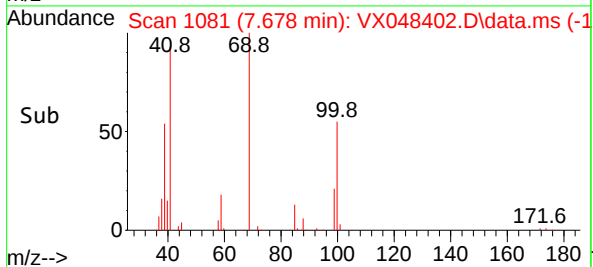
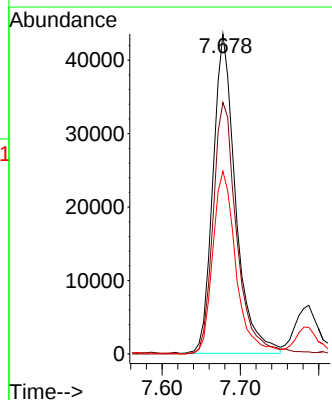
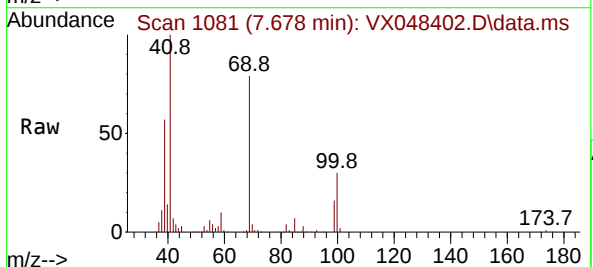
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.5  | 52.2  | 78.4  |
| 127 | 8.3   | 7.3   | 10.9  |

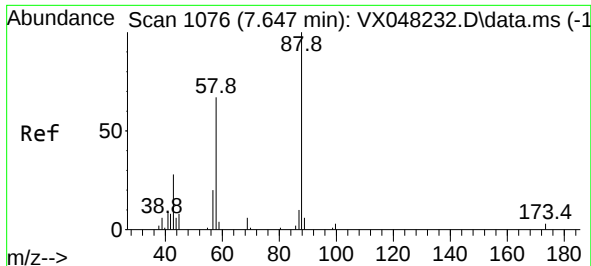


#48  
 Methyl methacrylate  
 Concen: 46.934 ug/l  
 RT: 7.678 min Scan# 1081  
 Delta R.T. 0.000 min  
 Lab File: VX048402.D  
 Acq: 28 Oct 2025 16:12

Tgt Ion: 41 Resp: 87355  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 82.6  | 63.4  | 95.0  |
| 39  | 58.6  | 47.1  | 70.7  |

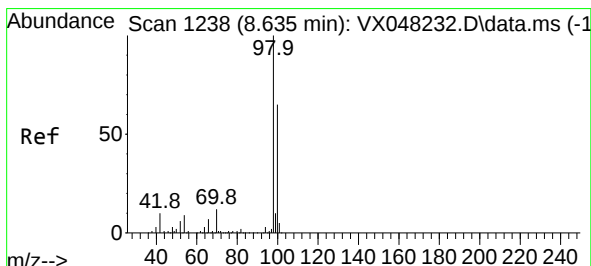
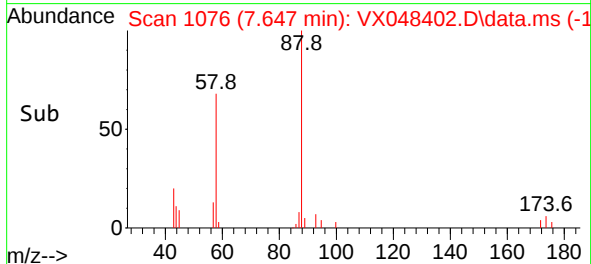
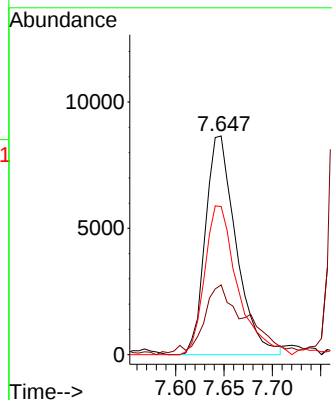
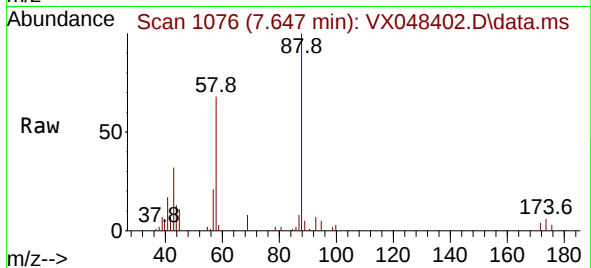




#49  
1,4-Dioxane  
Concen: 780.214 ug/l  
RT: 7.647 min Scan# 1076  
Delta R.T. 0.006 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

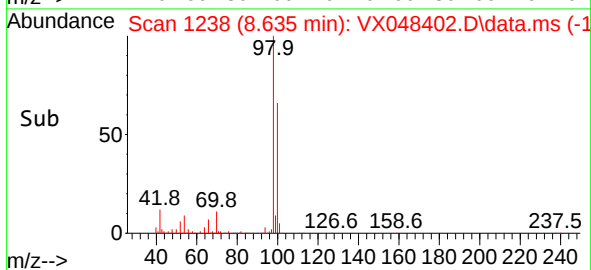
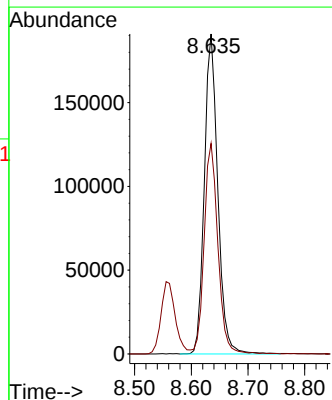
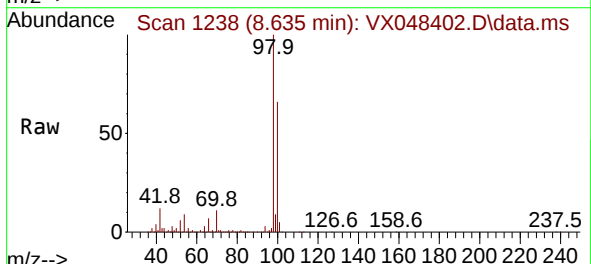
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

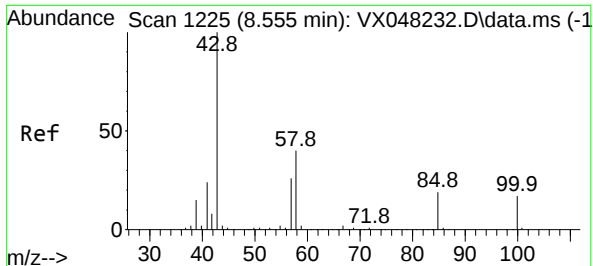
Tgt Ion: 88 Resp: 19185  
Ion Ratio Lower Upper  
88 100  
43 44.8 35.0 52.4  
58 72.3 61.9 92.9



#50  
Toluene-d8  
Concen: 47.104 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 98 Resp: 314692  
Ion Ratio Lower Upper  
98 100  
100 67.1 53.0 79.4

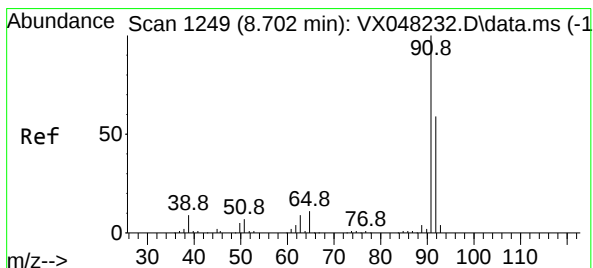
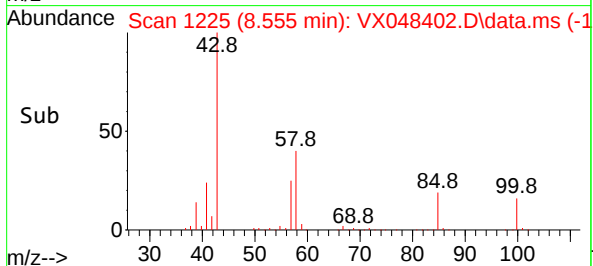
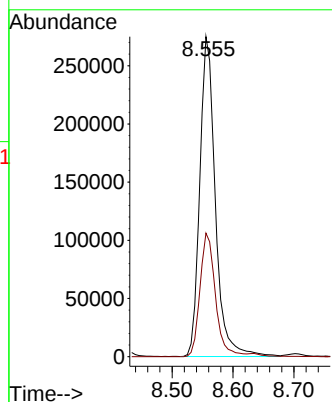
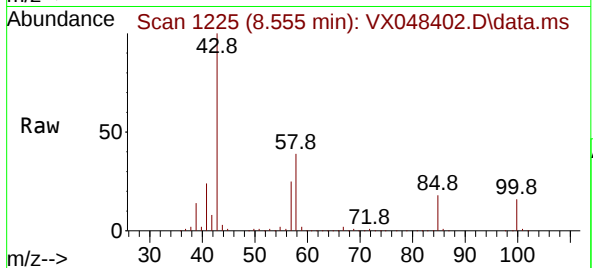




#51  
4-Methyl-2-Pentanone  
Concen: 229.426 ug/l  
RT: 8.555 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

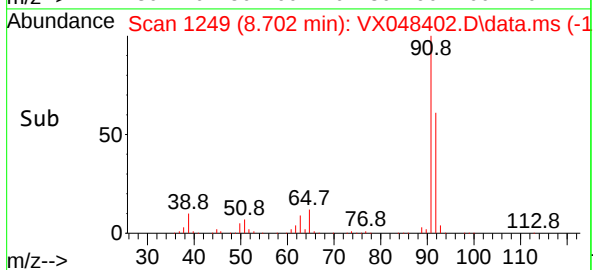
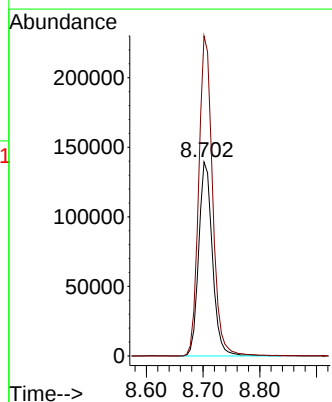
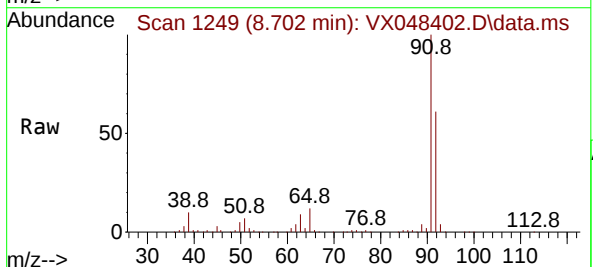
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

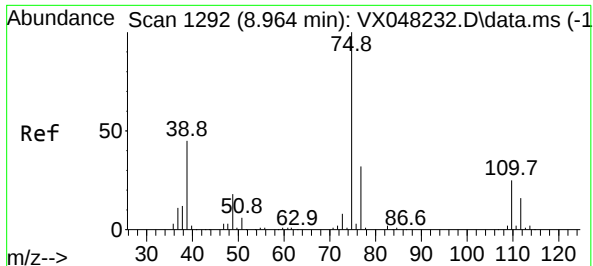
Tgt Ion: 43 Resp: 487911  
Ion Ratio Lower Upper  
43 100  
58 38.4 29.5 44.3



#52  
Toluene  
Concen: 46.776 ug/l  
RT: 8.702 min Scan# 1249  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 92 Resp: 233730  
Ion Ratio Lower Upper  
92 100  
91 166.9 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 42.407 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA\_X

ClientSampleId :

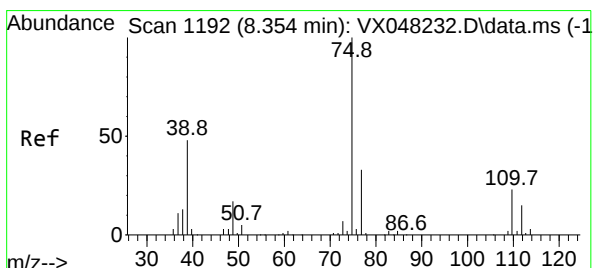
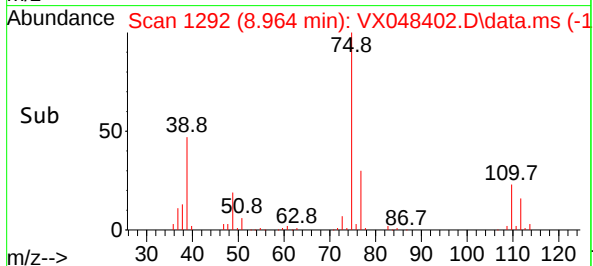
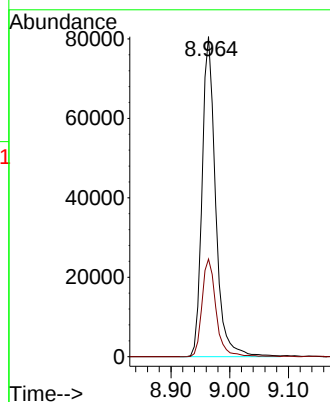
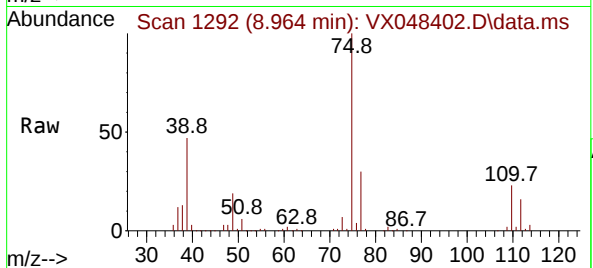
VSTDCCC050EC

Tgt Ion: 75 Resp: 128551

Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 41.333 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

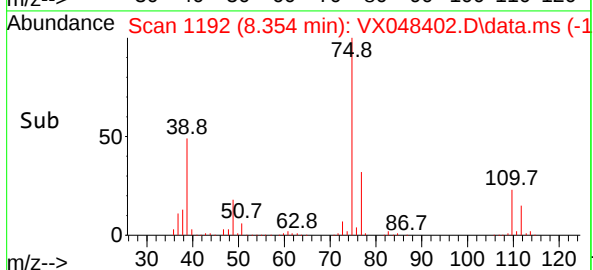
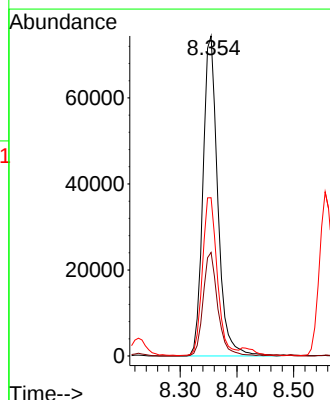
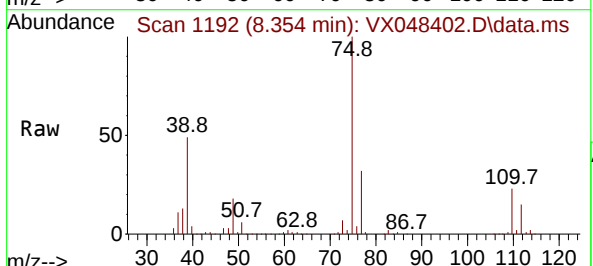
Tgt Ion: 75 Resp: 135184

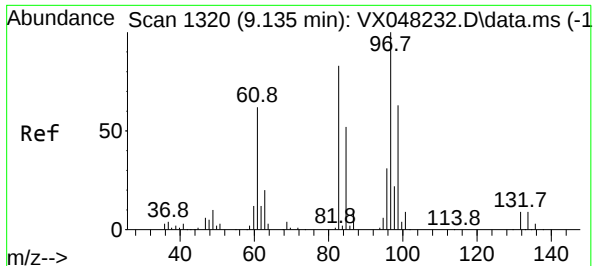
Ion Ratio Lower Upper

75 100

77 32.3 24.9 37.3

39 49.3 42.6 64.0

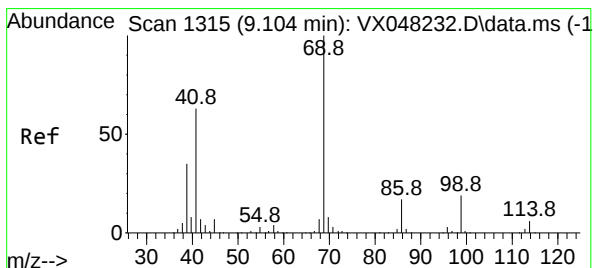
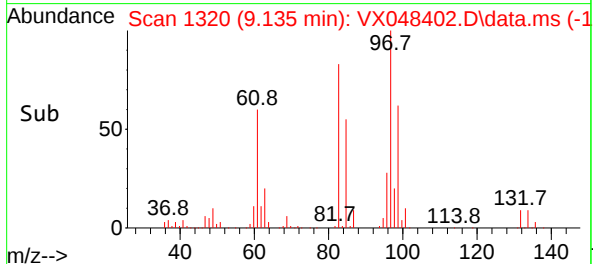
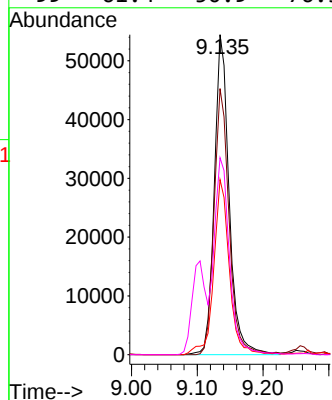
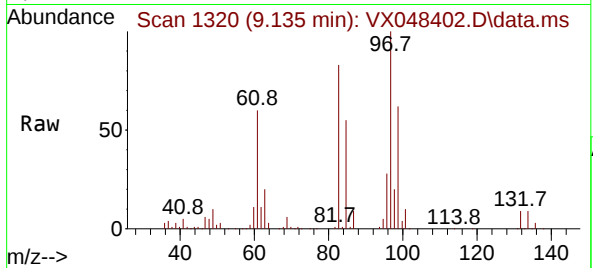




#55  
1,1,2-Trichloroethane  
Concen: 46.013 ug/l  
RT: 9.135 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

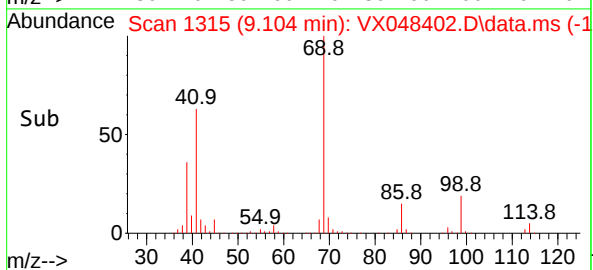
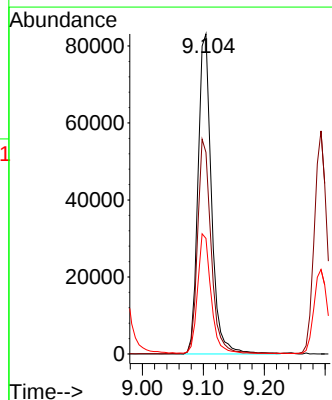
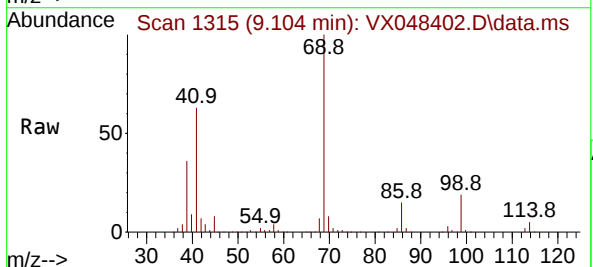
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

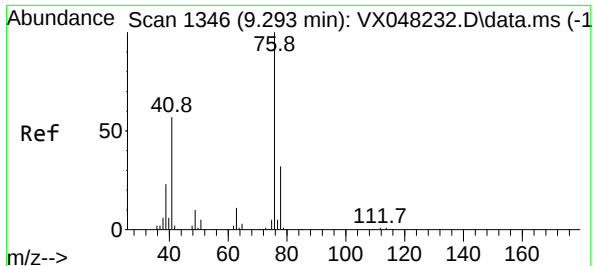
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 85502 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.2  | 70.6  | 105.8 |
| 85       | 54.7  | 45.0  | 67.6  |
| 99       | 61.4  | 50.9  | 76.3  |



#56  
Ethyl methacrylate  
Concen: 46.872 ug/l  
RT: 9.104 min Scan# 1315  
Delta R.T. 0.006 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 127394 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.2  | 56.0  | 84.0   |
| 39       | 37.7  | 31.6  | 47.4   |

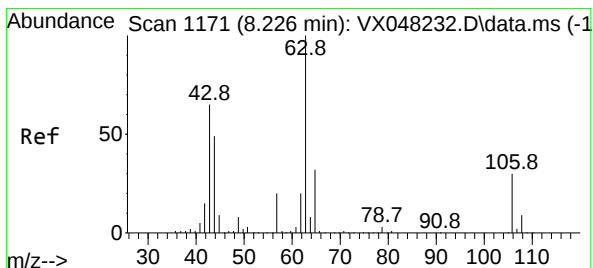
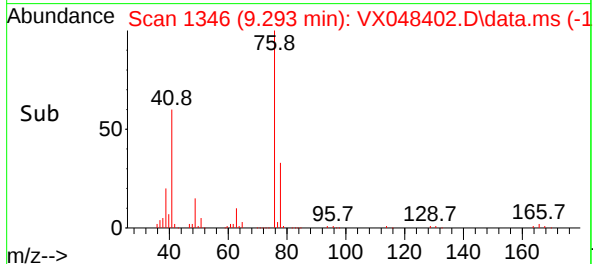
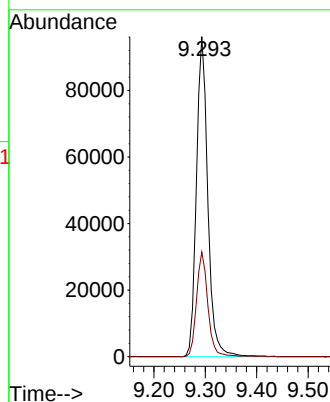
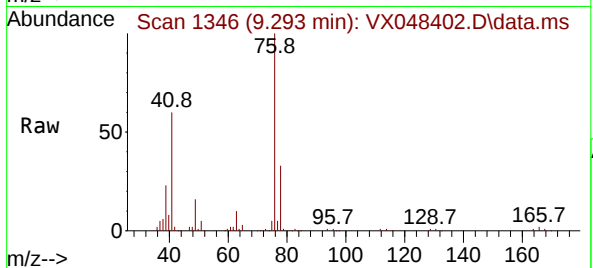




#57  
1,3-Dichloropropane  
Concen: 46.672 ug/l  
RT: 9.293 min Scan# 11346  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

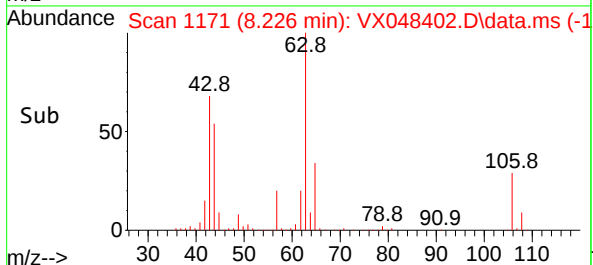
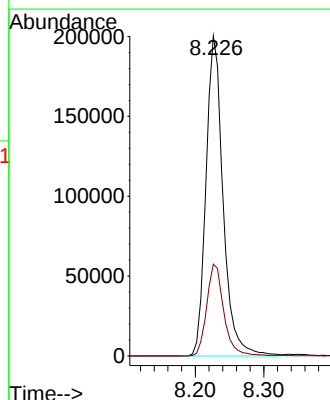
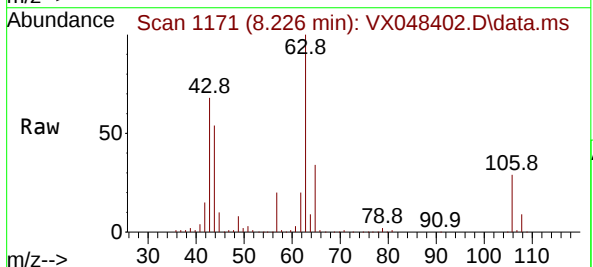
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

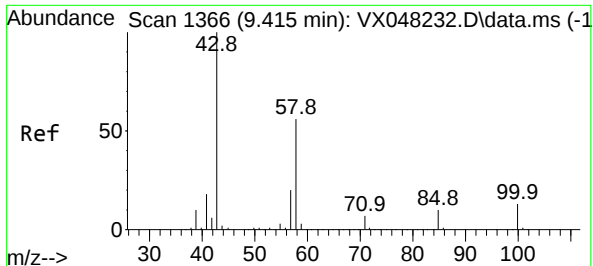
Tgt Ion: 76 Resp: 148140  
Ion Ratio Lower Upper  
76 100  
78 32.6 25.4 38.0



#58  
2-Chloroethyl Vinyl ether  
Concen: 238.247 ug/l  
RT: 8.226 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 63 Resp: 348064  
Ion Ratio Lower Upper  
63 100  
106 28.9 22.2 33.2

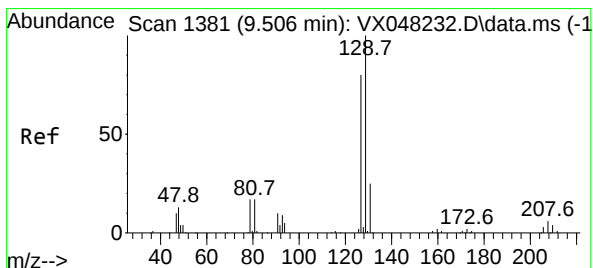
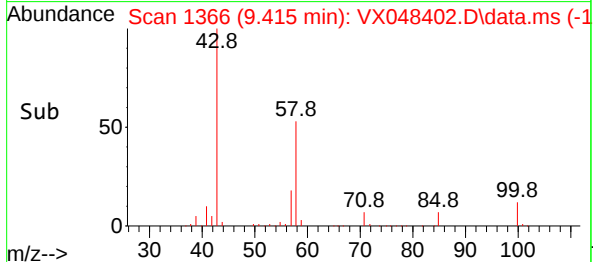
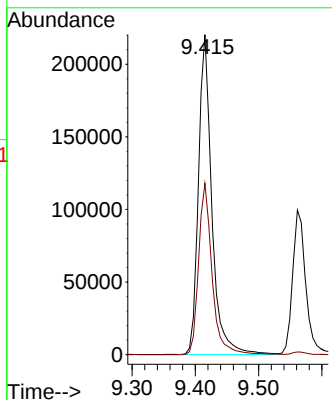
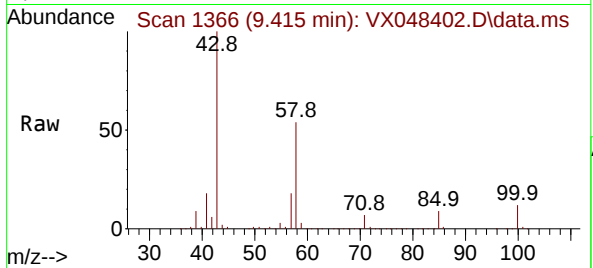




#59  
2-Hexanone  
Concen: 218.657 ug/l  
RT: 9.415 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

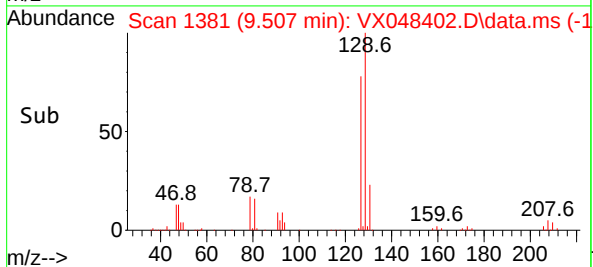
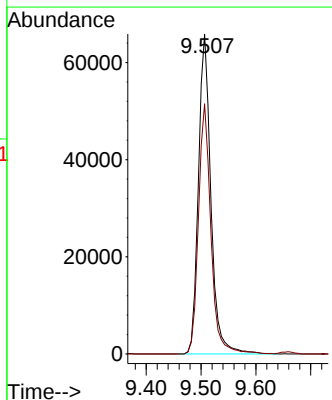
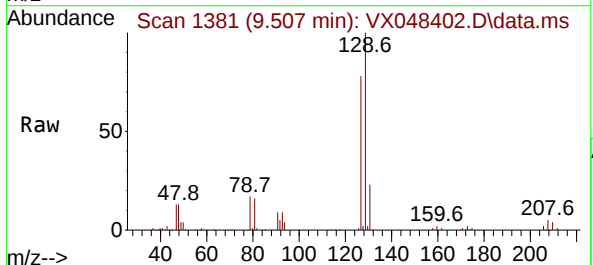
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

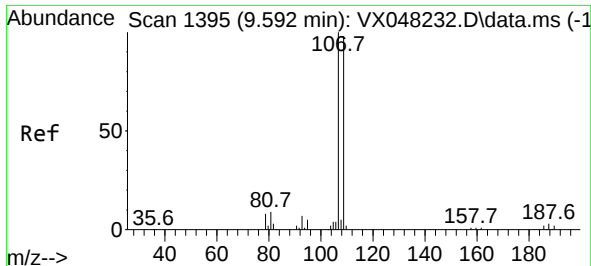
Tgt Ion: 43 Resp: 324245  
Ion Ratio Lower Upper  
43 100  
58 54.2 26.3 78.8



#60  
Dibromochloromethane  
Concen: 41.823 ug/l  
RT: 9.507 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion:129 Resp: 104456  
Ion Ratio Lower Upper  
129 100  
127 78.3 38.6 115.7

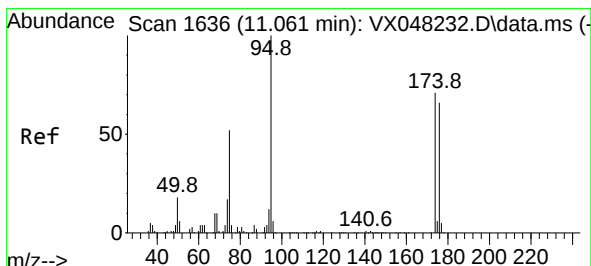
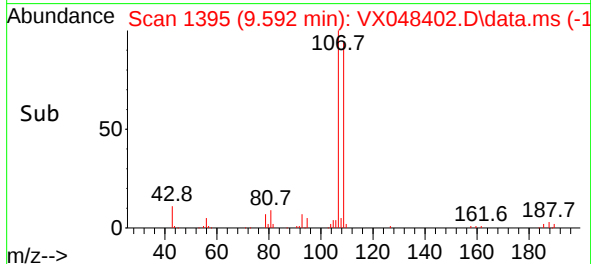
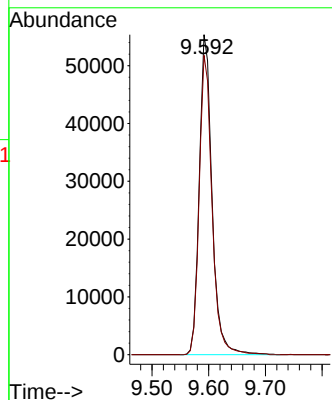
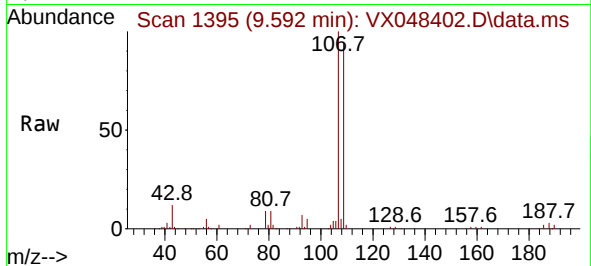




#61  
1,2-Dibromoethane  
Concen: 43.728 ug/l  
RT: 9.592 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

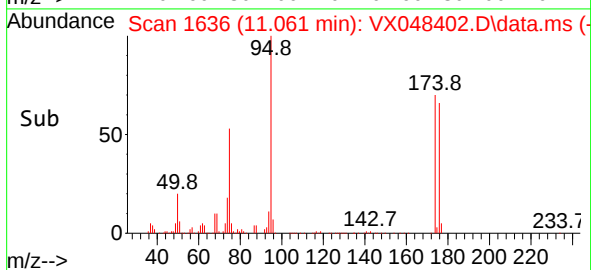
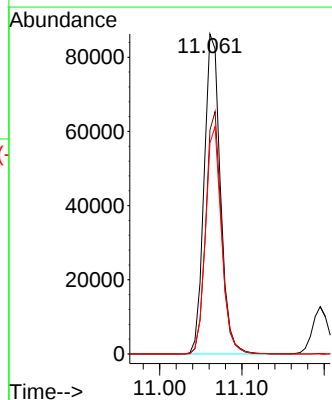
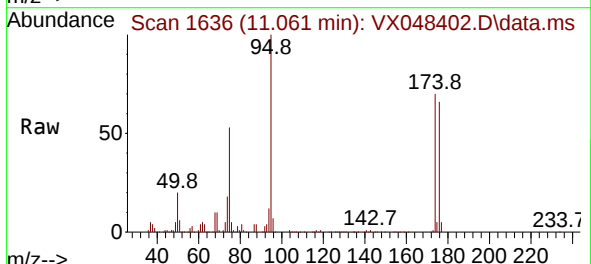
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

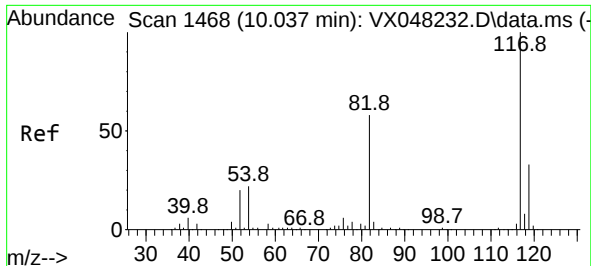
Tgt Ion:107 Resp: 86625  
Ion Ratio Lower Upper  
107 100  
109 94.1 77.0 115.4



#62  
4-Bromofluorobenzene  
Concen: 46.554 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 95 Resp: 118322  
Ion Ratio Lower Upper  
95 100  
174 73.3 0.0 147.8  
176 70.1 0.0 142.8

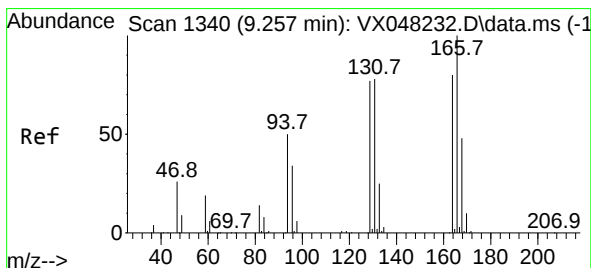
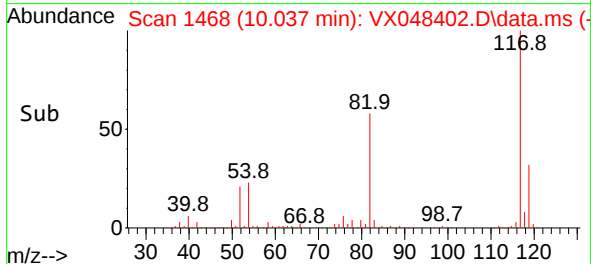
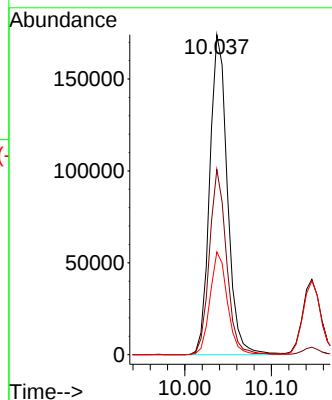
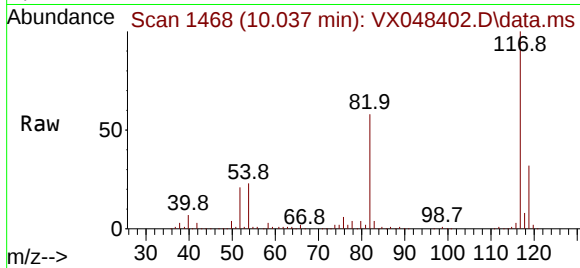




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

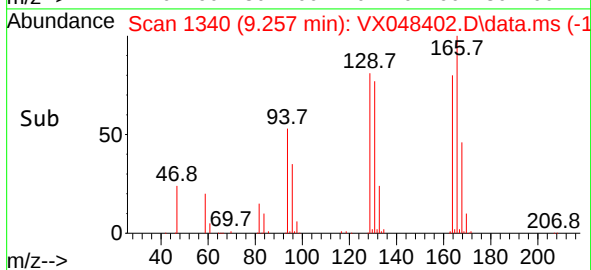
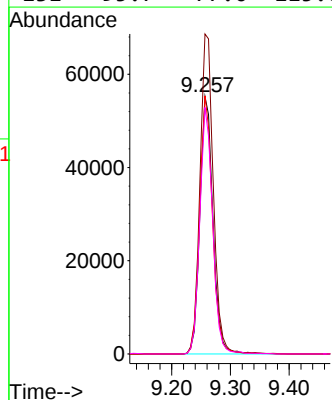
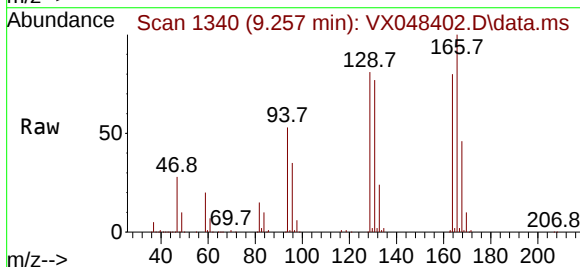
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

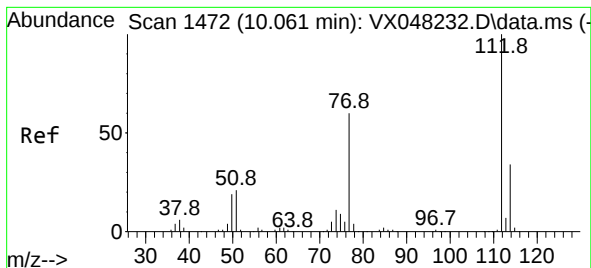
Tgt Ion:117 Resp: 246698  
Ion Ratio Lower Upper  
117 100  
82 57.7 46.5 69.7  
119 32.1 25.9 38.9



#64  
Tetrachloroethene  
Concen: 46.485 ug/l  
RT: 9.257 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion:164 Resp: 85610  
Ion Ratio Lower Upper  
164 100  
166 124.3 104.5 156.7  
129 100.2 81.8 122.6  
131 95.7 77.0 115.6

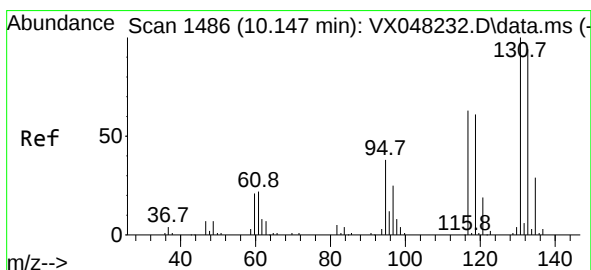
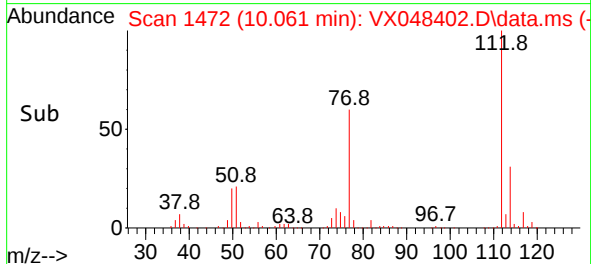
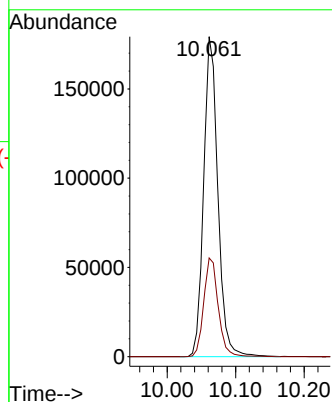
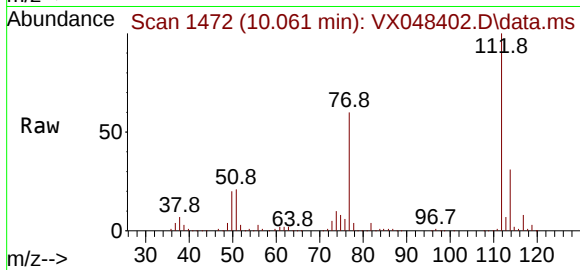




#65  
Chlorobenzene  
Concen: 46.625 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

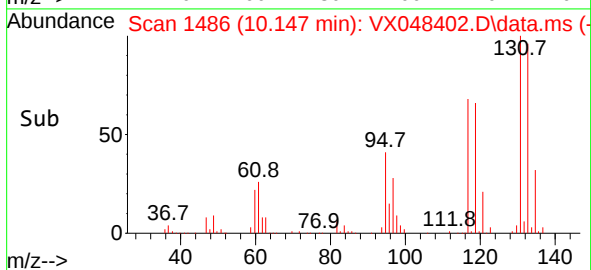
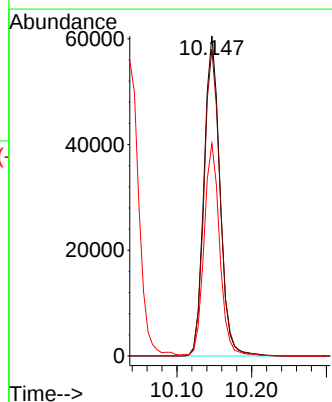
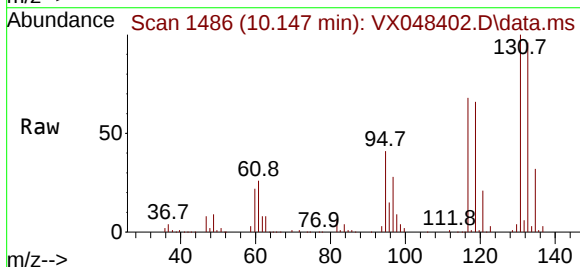
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

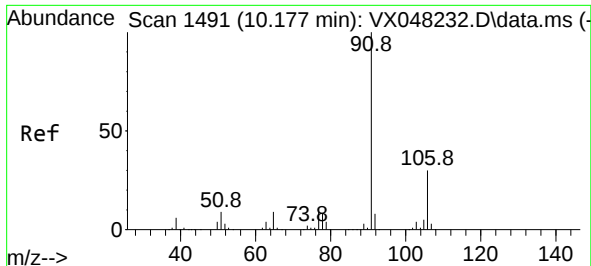
Tgt Ion:112 Resp: 258745  
Ion Ratio Lower Upper  
112 100  
114 30.9 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 43.774 ug/l  
RT: 10.147 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion:131 Resp: 89226  
Ion Ratio Lower Upper  
131 100  
133 97.0 47.6 142.8  
119 65.6 32.5 97.5

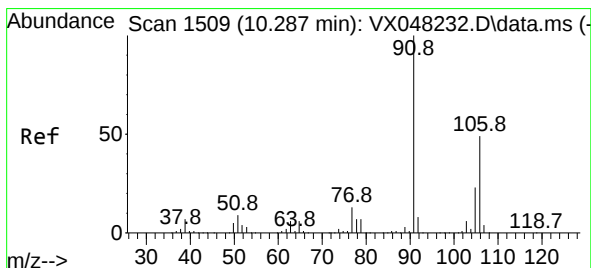
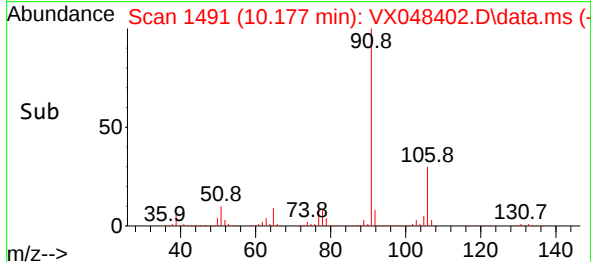
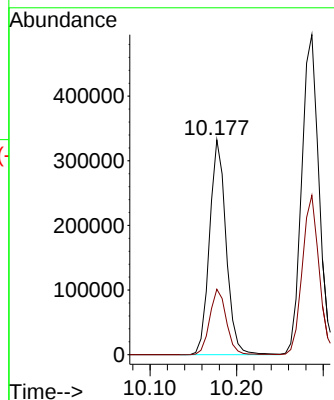
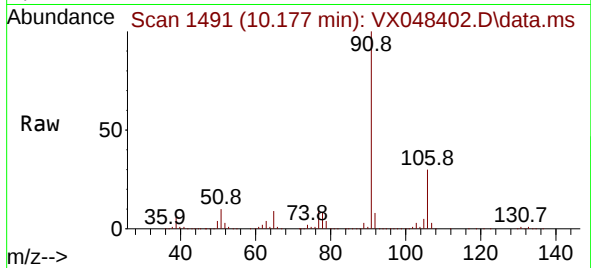




#67  
Ethyl Benzene  
Concen: 46.779 ug/l  
RT: 10.177 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

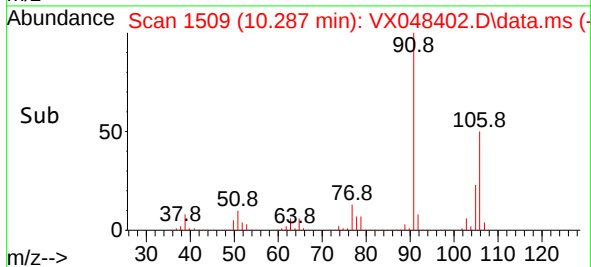
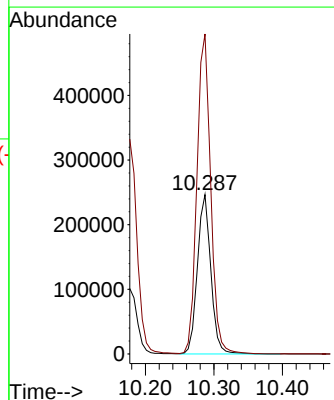
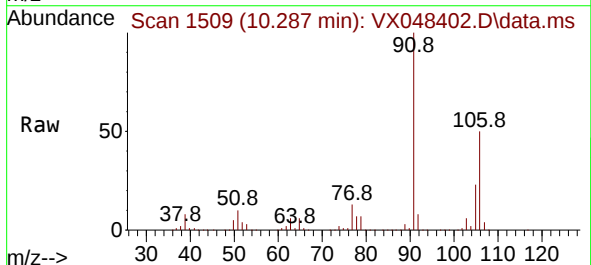
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

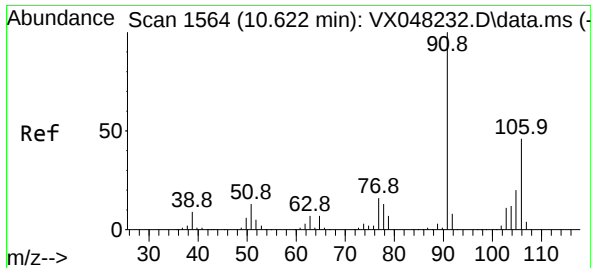
Tgt Ion: 91 Resp: 441986  
Ion Ratio Lower Upper  
91 100  
106 30.5 23.8 35.6



#68  
m/p-Xylenes  
Concen: 95.767 ug/l  
RT: 10.287 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion:106 Resp: 336195  
Ion Ratio Lower Upper  
106 100  
91 205.6 167.9 251.9

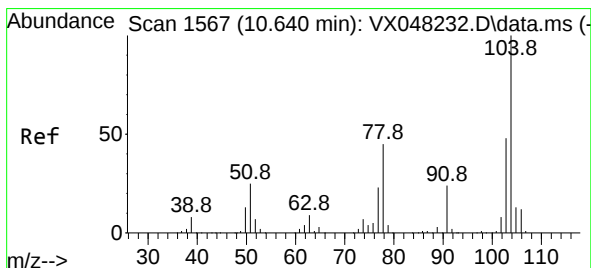
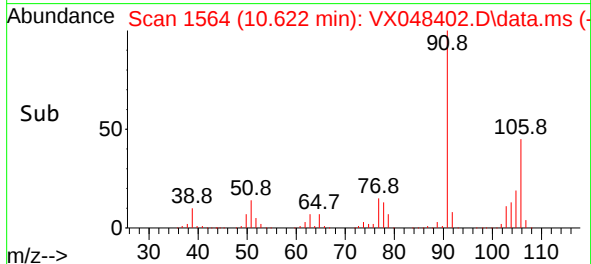
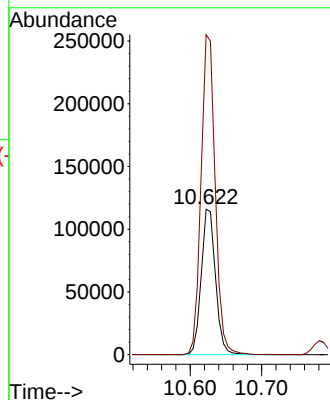
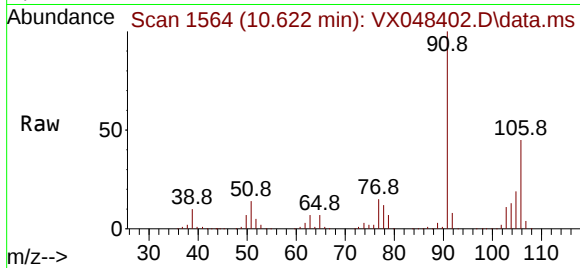




#69  
o-Xylene  
Concen: 47.427 ug/l  
RT: 10.622 min Scan# 1564  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

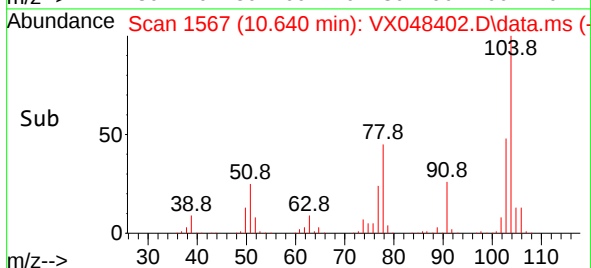
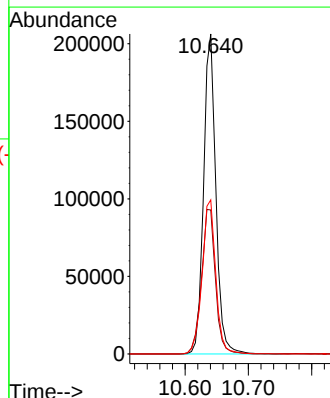
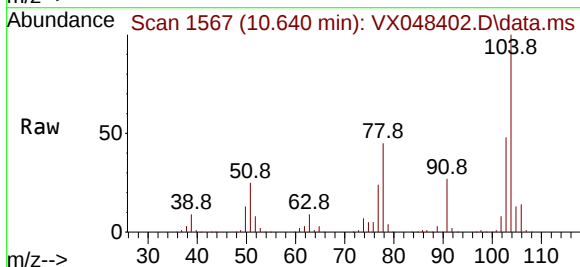
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

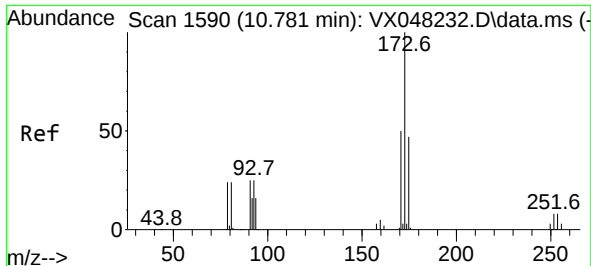
Tgt Ion:106 Resp: 160741  
Ion Ratio Lower Upper  
106 100  
91 218.8 111.3 333.9



#70  
Styrene  
Concen: 48.271 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion:104 Resp: 278572  
Ion Ratio Lower Upper  
104 100  
78 51.5 42.2 63.4  
103 53.6 43.0 64.4

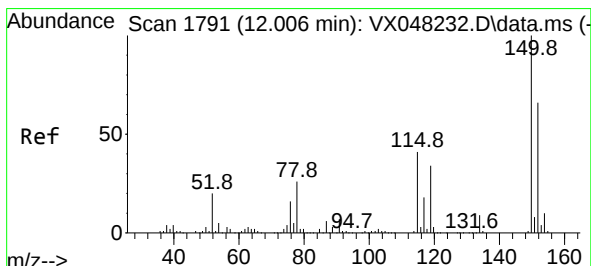
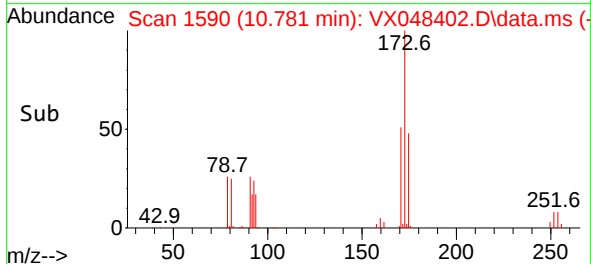
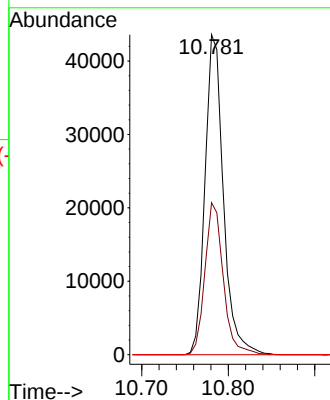
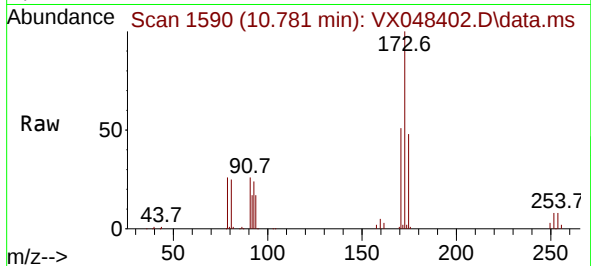




#71  
Bromoform  
Concen: 39.467 ug/l  
RT: 10.781 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

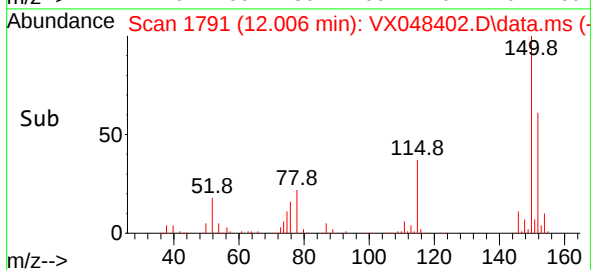
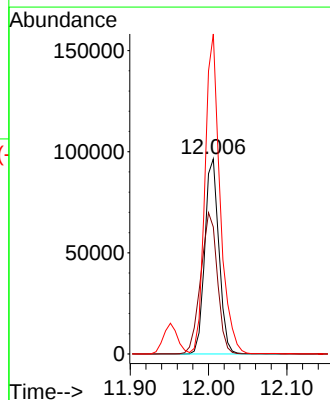
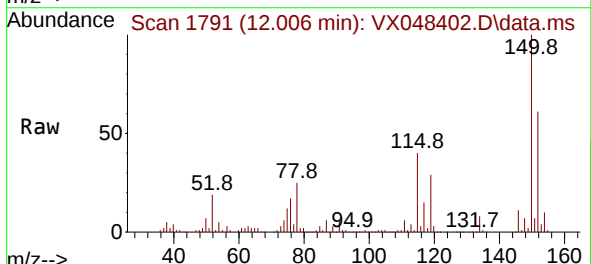
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

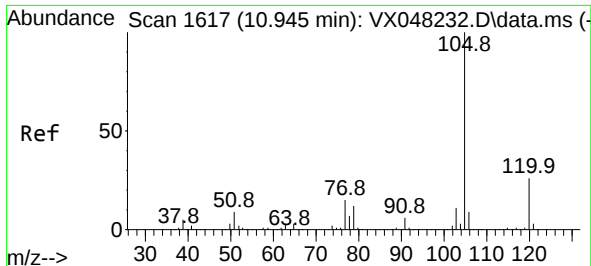
Tgt Ion:173 Resp: 64296  
Ion Ratio Lower Upper  
173 100  
175 47.5 24.0 72.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion:152 Resp: 120496  
Ion Ratio Lower Upper  
152 100  
115 85.4 43.1 129.4  
150 174.3 0.0 353.0

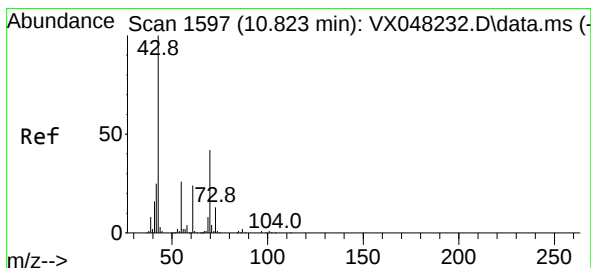
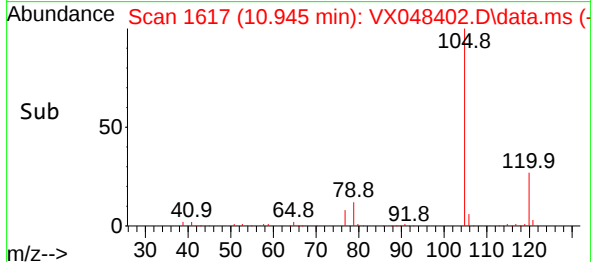
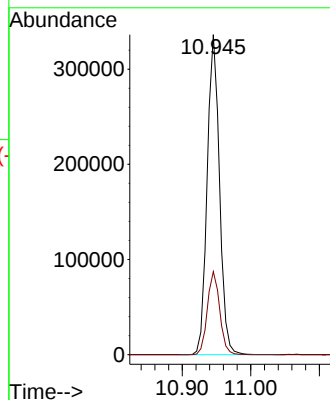
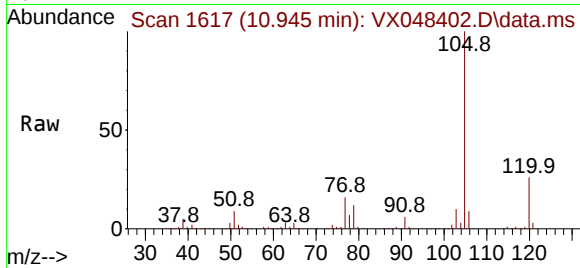




#73  
Isopropylbenzene  
Concen: 47.774 ug/l  
RT: 10.945 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

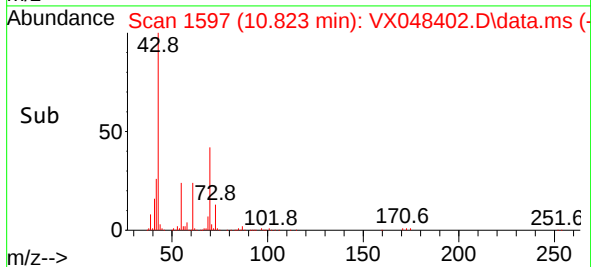
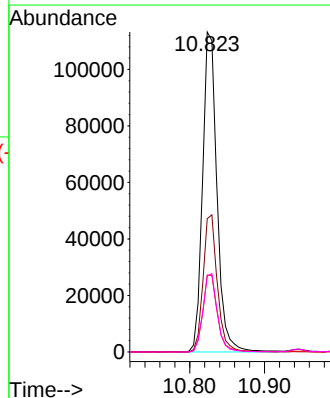
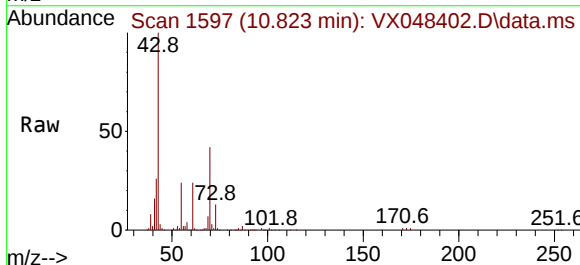
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

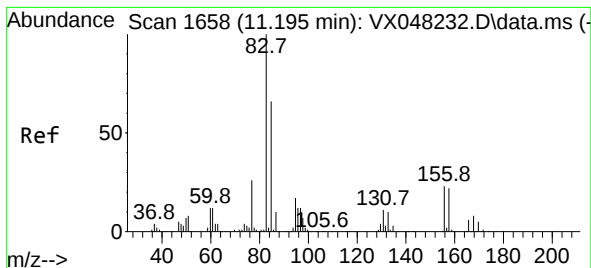
Tgt Ion:105 Resp: 420457  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.0 38.9



#74  
N-ethyl acetate  
Concen: 48.619 ug/l  
RT: 10.823 min Scan# 1597  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 43 Resp: 151780  
Ion Ratio Lower Upper  
43 100  
70 42.4 32.2 48.2  
55 24.3 19.1 28.7  
61 24.4 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.102 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

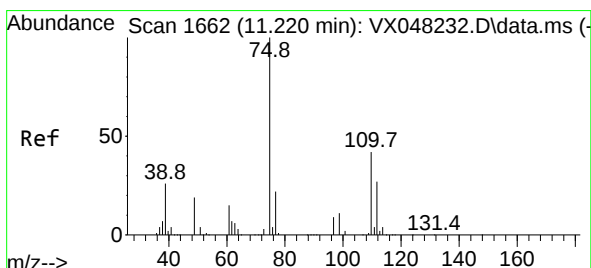
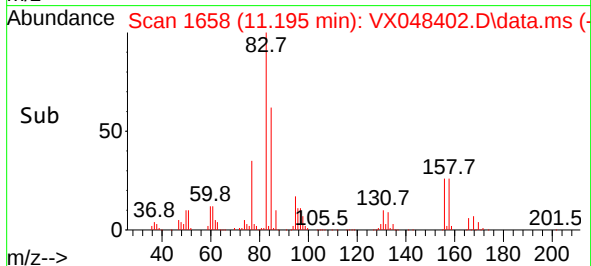
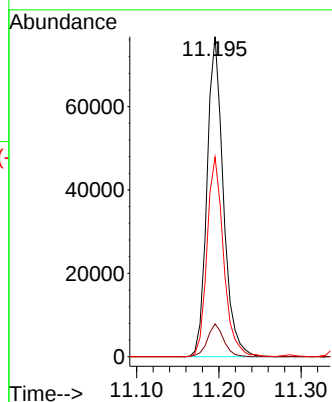
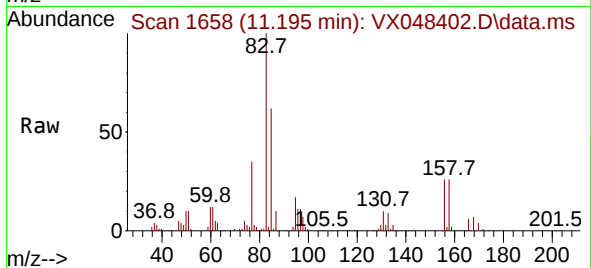
Tgt Ion: 83 Resp: 105996

Ion Ratio Lower Upper

83 100

131 10.2 4.8 14.4

85 63.3 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 56.556 ug/l

RT: 11.220 min Scan# 1662

Delta R.T. 0.000 min

Lab File: VX048402.D

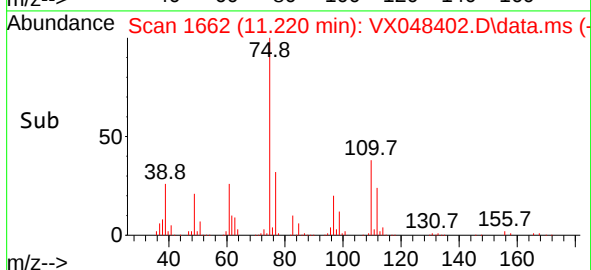
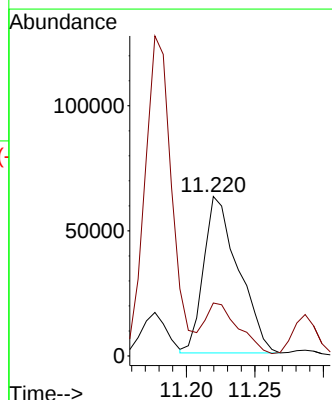
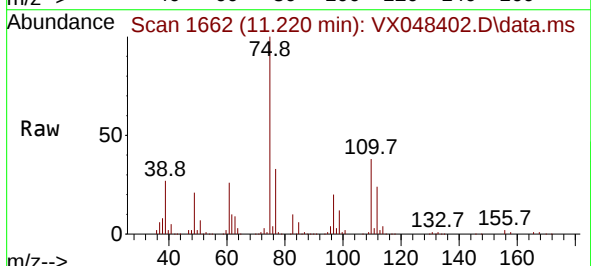
Acq: 28 Oct 2025 16:12

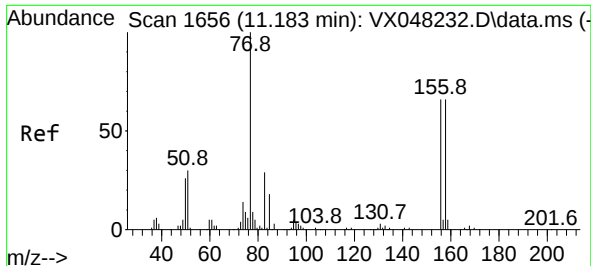
Tgt Ion: 75 Resp: 110513

Ion Ratio Lower Upper

75 100

77 32.9 22.4 67.2

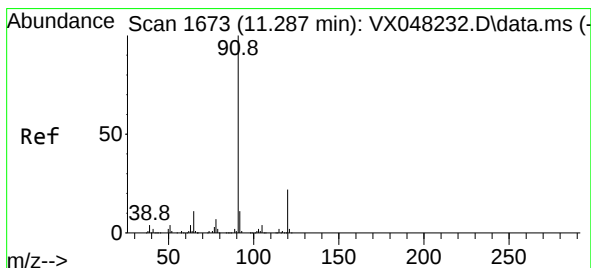
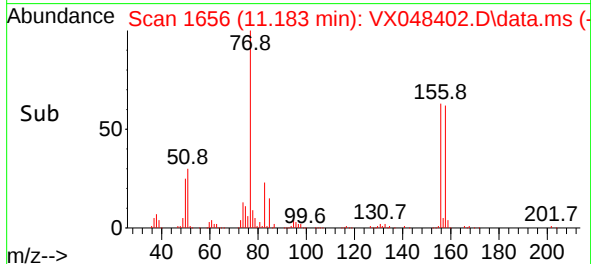
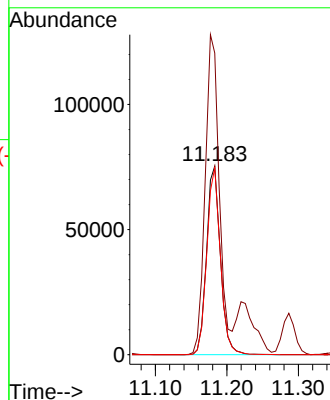
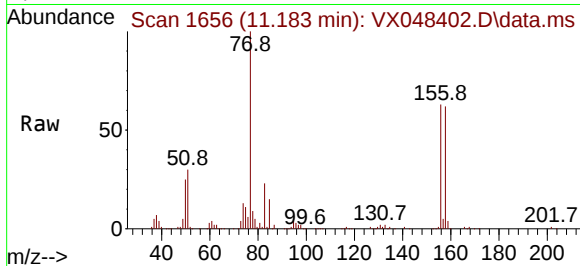




#77  
Bromobenzene  
Concen: 46.042 ug/l  
RT: 11.183 min Scan# 1656  
Delta R.T. 0.006 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

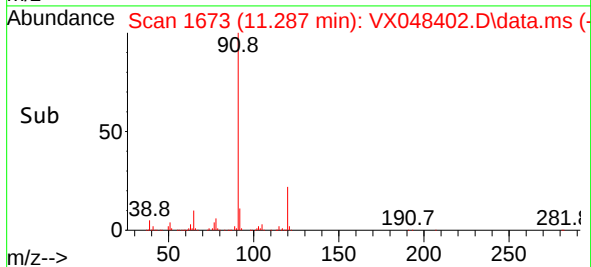
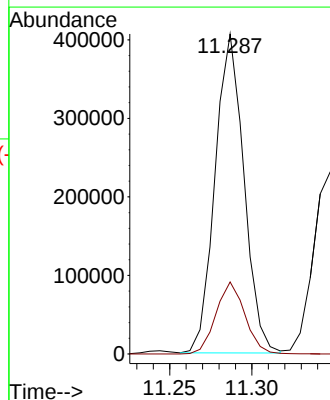
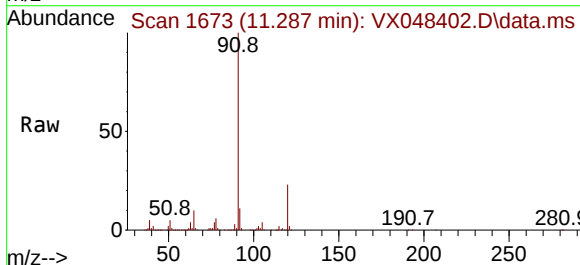
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

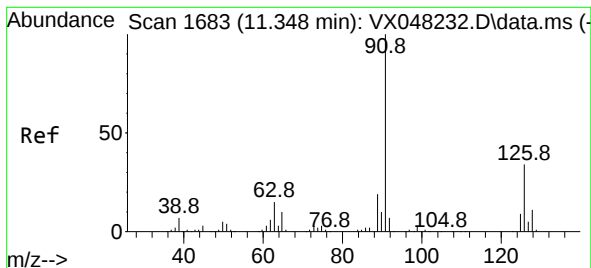
Tgt Ion:156 Resp: 101604  
Ion Ratio Lower Upper  
156 100  
77 173.0 87.0 261.0  
158 97.5 47.8 143.4



#78  
n-propylbenzene  
Concen: 48.641 ug/l  
RT: 11.287 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 91 Resp: 495660  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.1 33.1

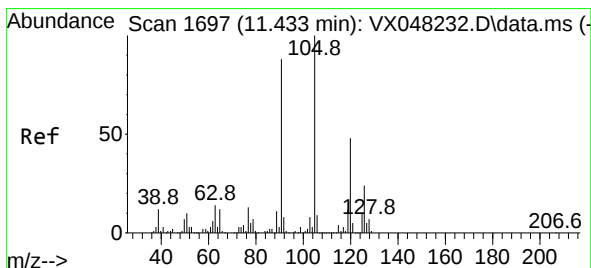
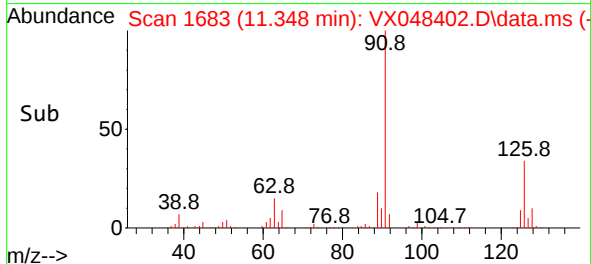
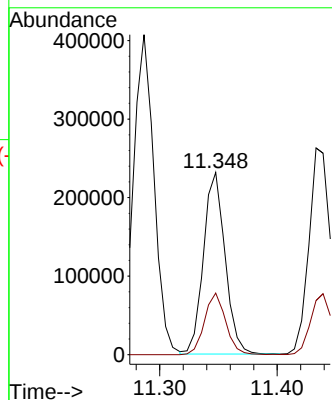
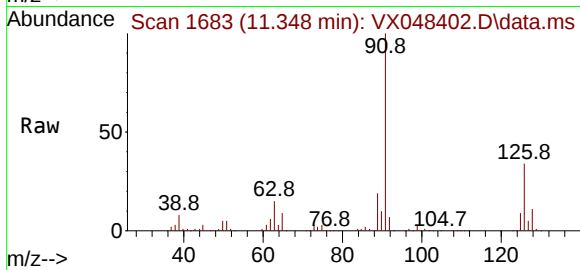




#79  
2-Chlorotoluene  
Concen: 47.933 ug/l  
RT: 11.348 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

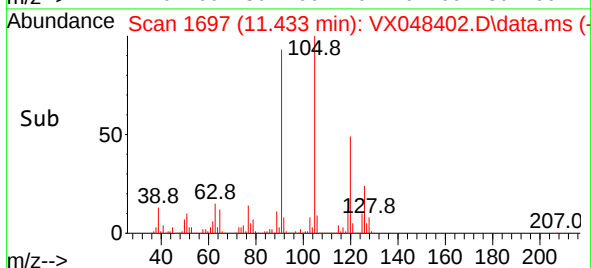
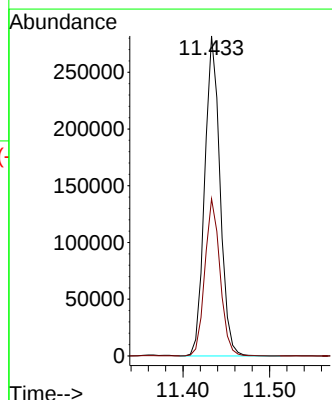
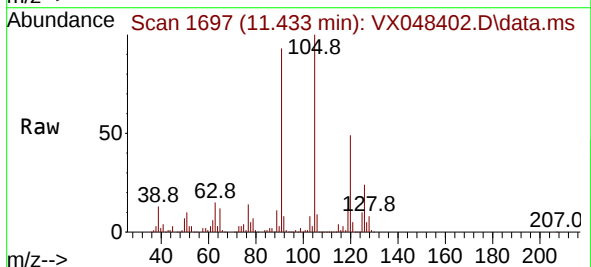
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

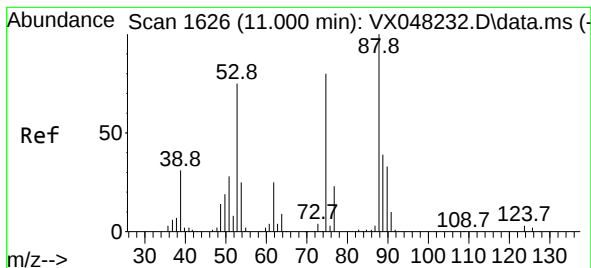
Tgt Ion: 91 Resp: 296136  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.4 49.4



#80  
1,3,5-Trimethylbenzene  
Concen: 47.508 ug/l  
RT: 11.433 min Scan# 1697  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 105 Resp: 346016  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.0 72.0

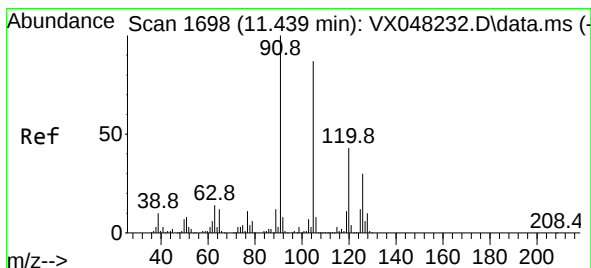
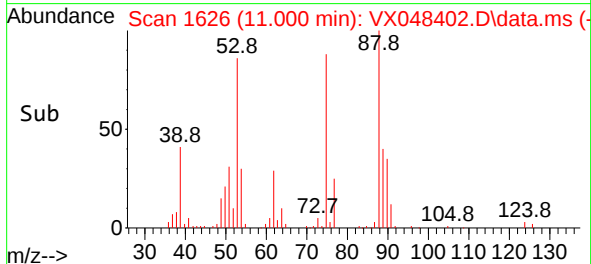
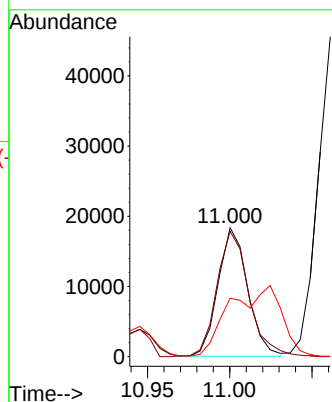
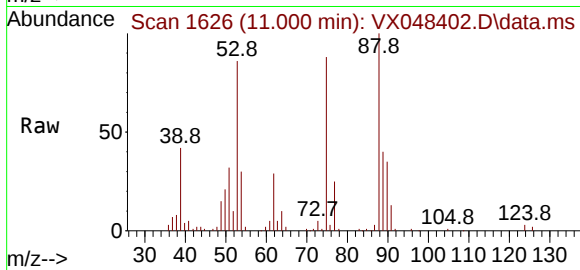




#81  
trans-1,4-Dichloro-2-butene  
Concen: 28.435 ug/l  
RT: 11.000 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

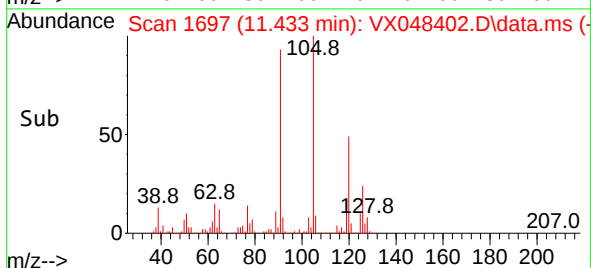
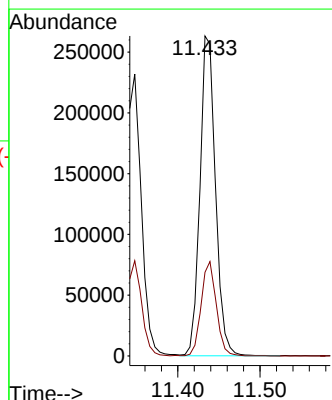
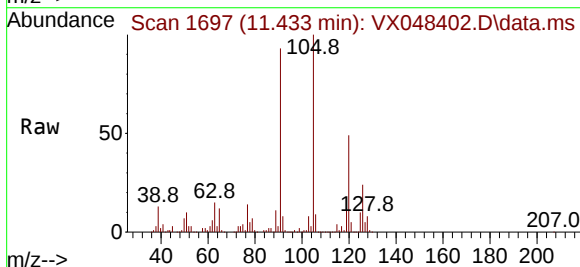
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

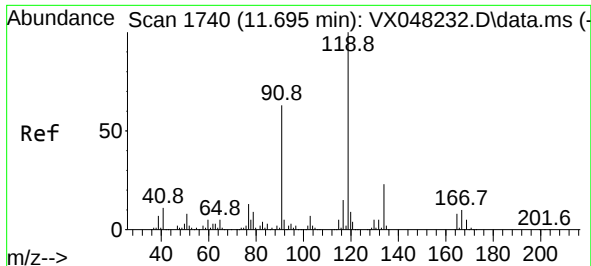
Tgt Ion: 75 Resp: 22838  
Ion Ratio Lower Upper  
75 100  
53 106.1 79.5 119.3  
89 0.0 36.8 55.2#



#82  
4-Chlorotoluene  
Concen: 47.062 ug/l  
RT: 11.433 min Scan# 1697  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 91 Resp: 345154  
Ion Ratio Lower Upper  
91 100  
126 28.9 14.1 42.4

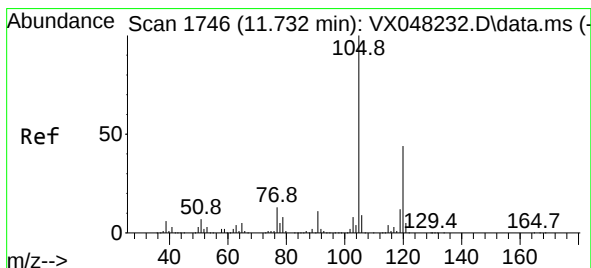
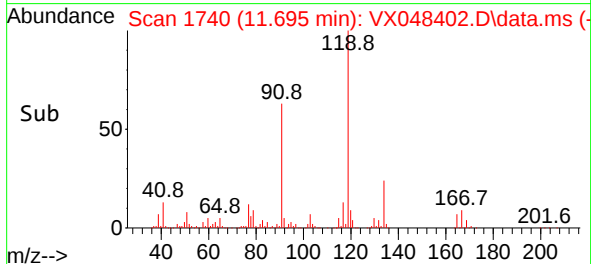
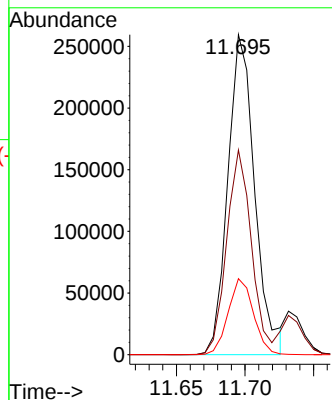
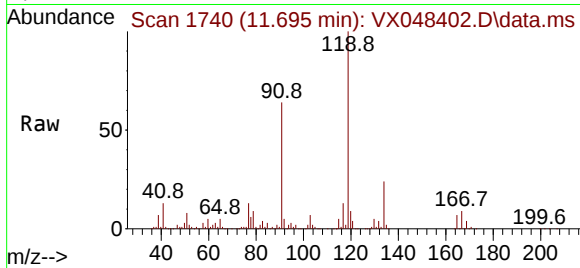




#83  
tert-Butylbenzene  
Concen: 47.214 ug/l  
RT: 11.695 min Scan# 1740  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

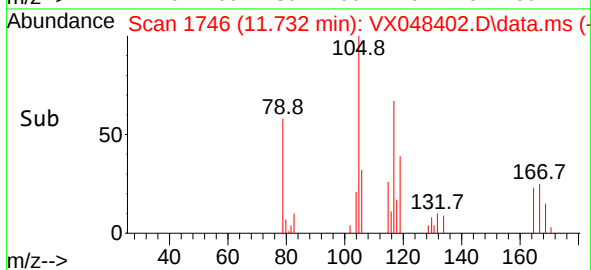
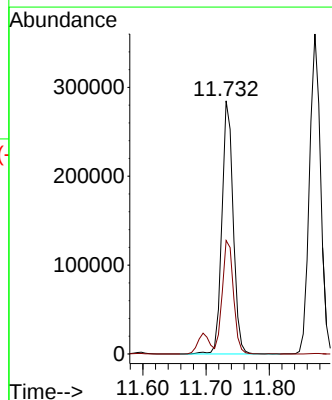
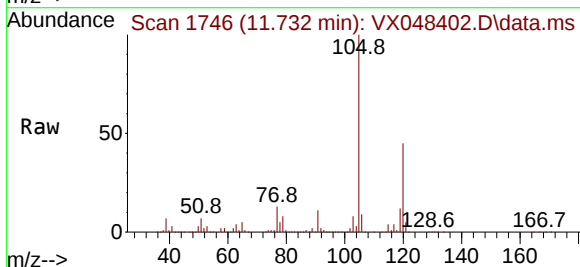
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

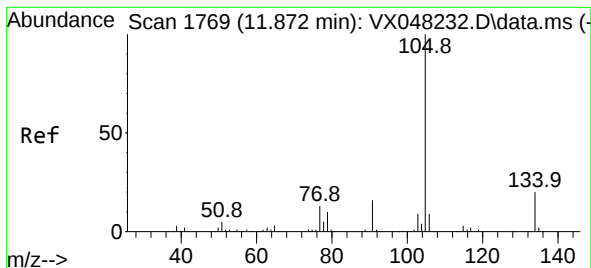
Tgt Ion:119 Resp: 353317  
Ion Ratio Lower Upper  
119 100  
91 59.1 30.3 91.0  
134 22.5 11.4 34.2



#84  
1,2,4-Trimethylbenzene  
Concen: 48.006 ug/l  
RT: 11.732 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion:105 Resp: 348942  
Ion Ratio Lower Upper  
105 100  
120 44.7 22.1 66.5

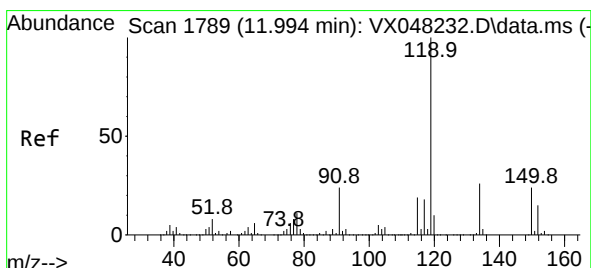
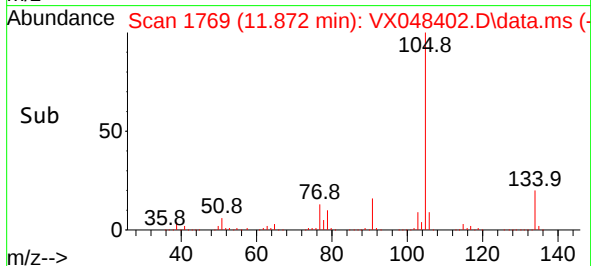
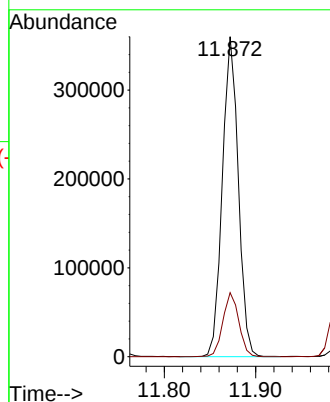
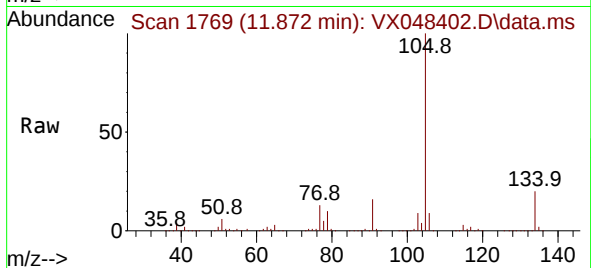




#85  
 sec-Butylbenzene  
 Concen: 48.606 ug/l  
 RT: 11.872 min Scan# 1769  
 Delta R.T. 0.000 min  
 Lab File: VX048402.D  
 Acq: 28 Oct 2025 16:12

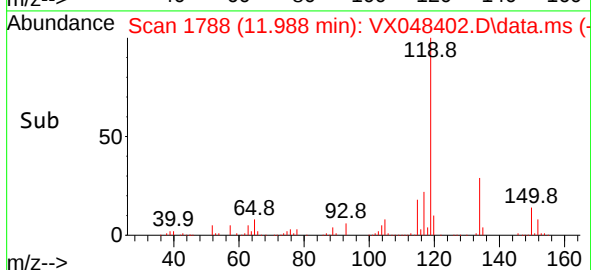
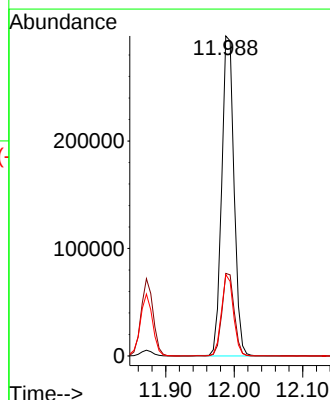
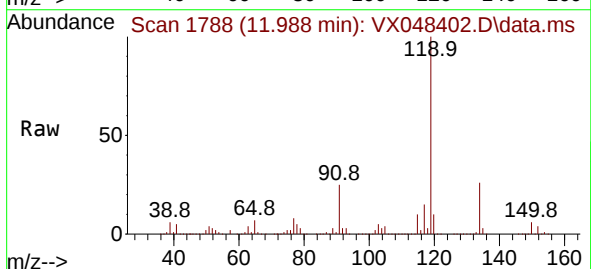
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

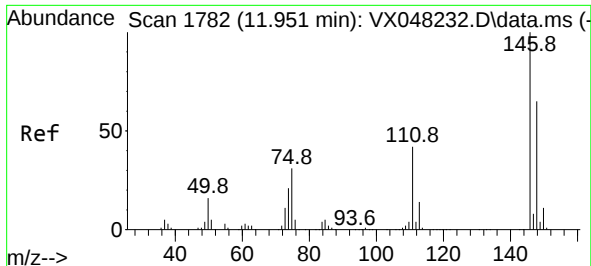
Tgt Ion:105 Resp: 437614  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 47.571 ug/l  
 RT: 11.988 min Scan# 1788  
 Delta R.T. 0.000 min  
 Lab File: VX048402.D  
 Acq: 28 Oct 2025 16:12

Tgt Ion:119 Resp: 370197  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 13.0 39.0  
 91 24.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 45.079 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

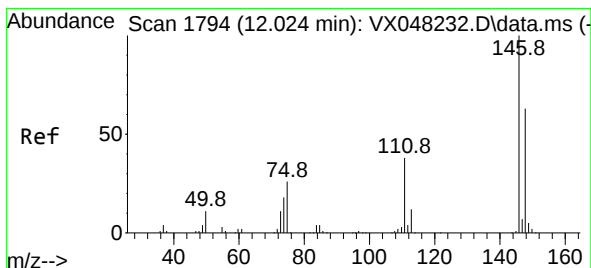
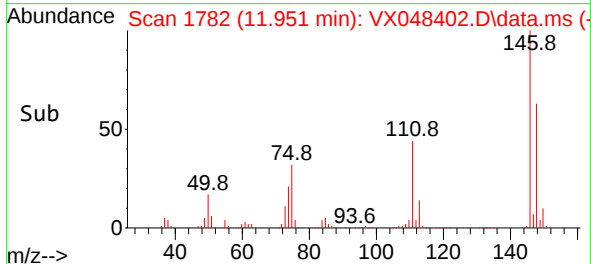
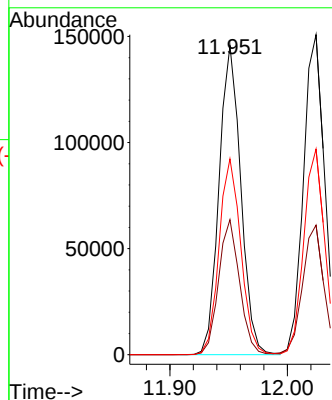
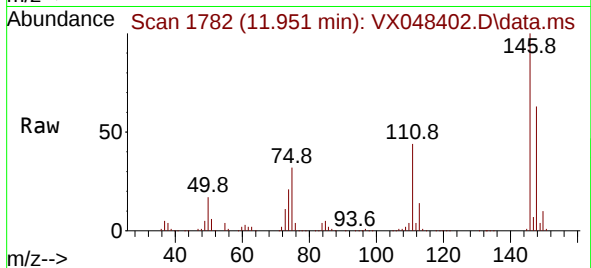
Tgt Ion:146 Resp: 187537

Ion Ratio Lower Upper

146 100

111 42.3 20.4 61.2

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 44.158 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

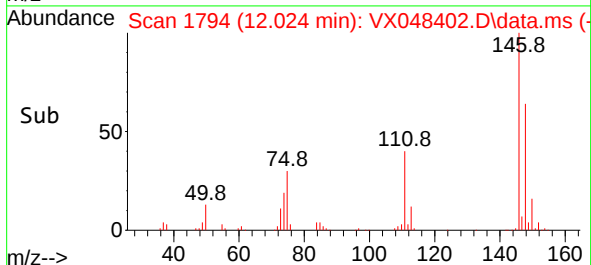
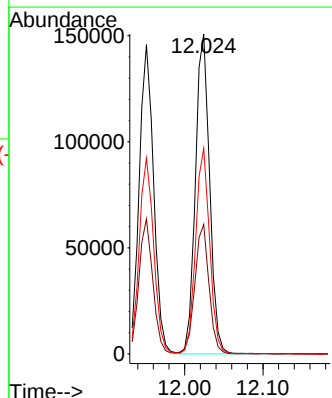
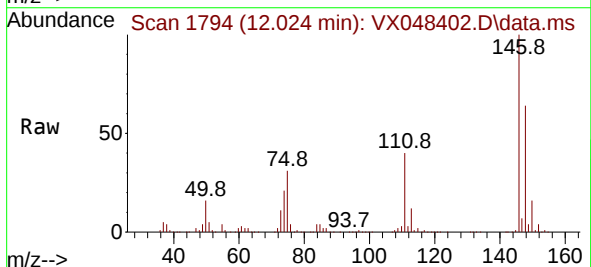
Tgt Ion:146 Resp: 190310

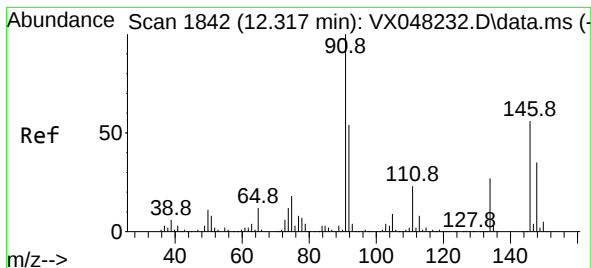
Ion Ratio Lower Upper

146 100

111 40.4 20.1 60.2

148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 48.270 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

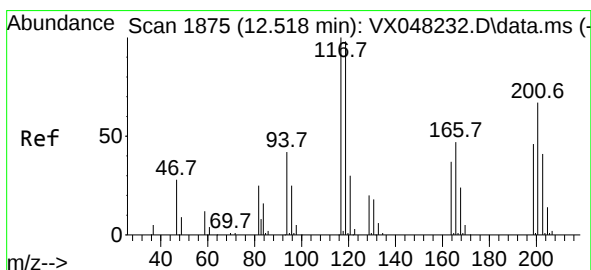
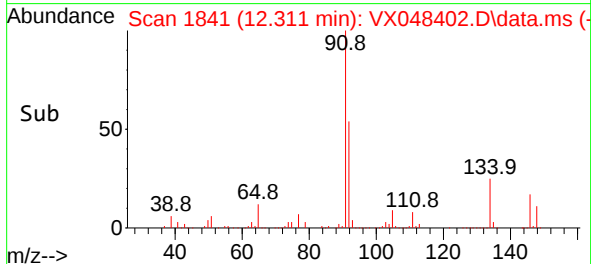
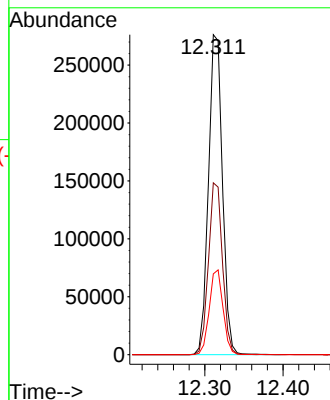
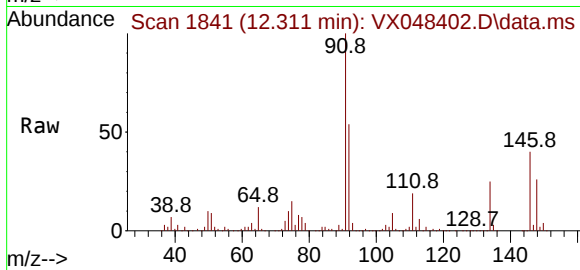
Tgt Ion: 91 Resp: 341898

Ion Ratio Lower Upper

91 100

92 53.8 26.9 80.6

134 26.1 12.7 38.1



#90

Hexachloroethane

Concen: 41.360 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX048402.D

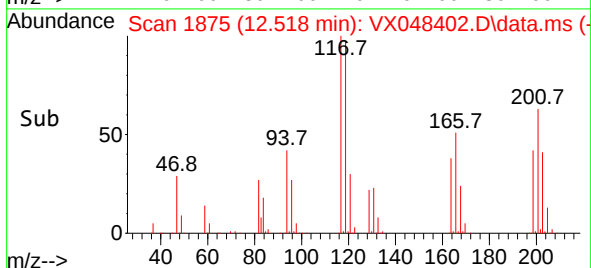
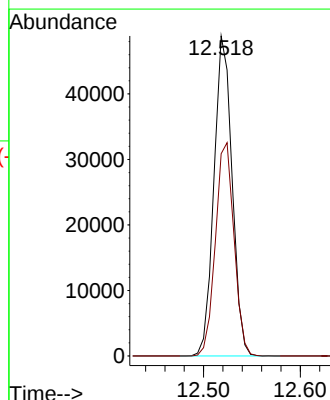
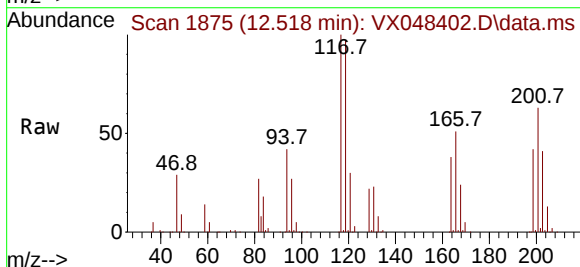
Acq: 28 Oct 2025 16:12

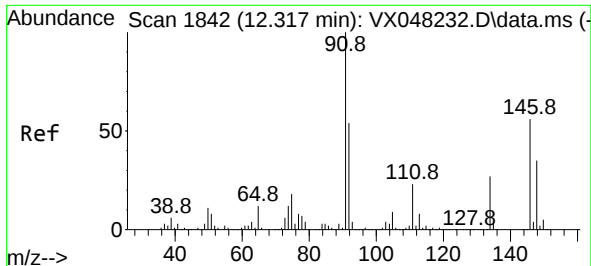
Tgt Ion: 117 Resp: 63560

Ion Ratio Lower Upper

117 100

201 68.4 34.1 102.2

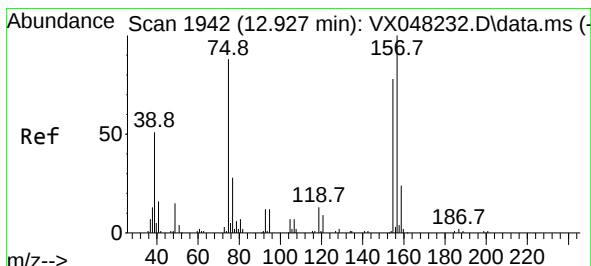
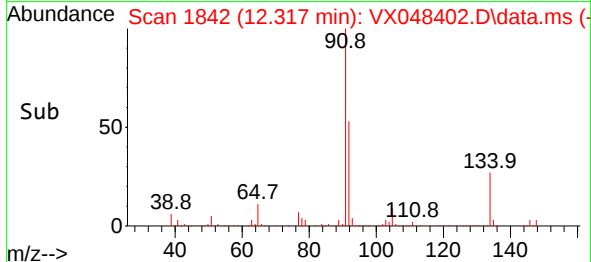
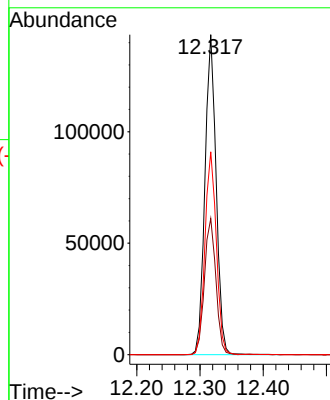
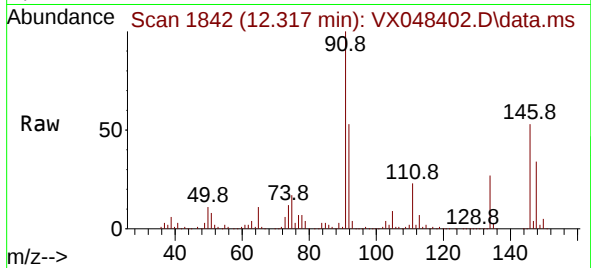




#91  
1,2-Dichlorobenzene  
Concen: 45.355 ug/l  
RT: 12.317 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

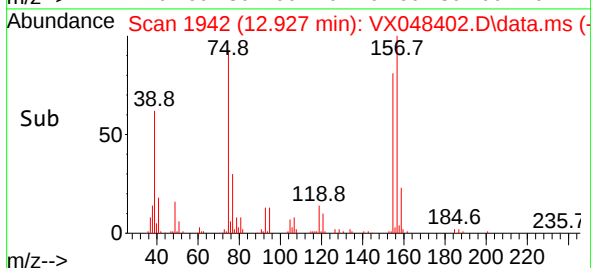
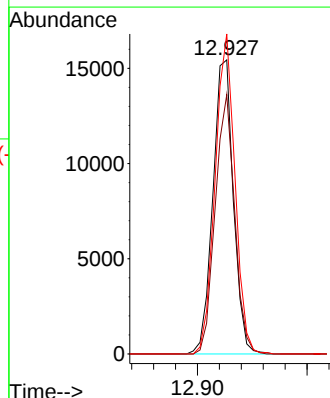
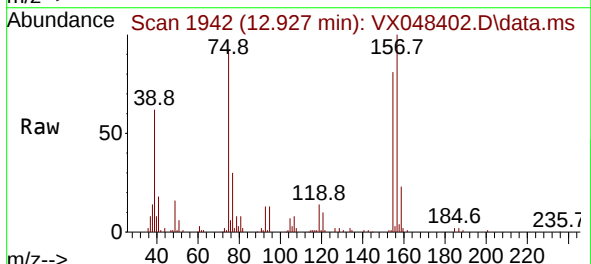
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

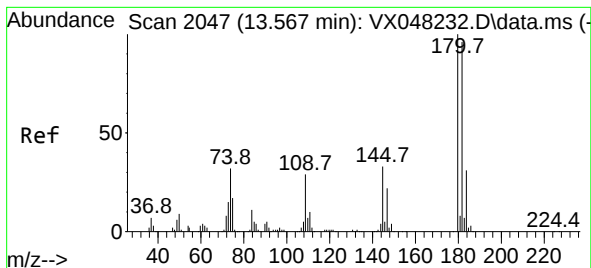
Tgt Ion:146 Resp: 177152  
Ion Ratio Lower Upper  
146 100  
111 43.8 21.9 65.5  
148 64.4 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 41.188 ug/l  
RT: 12.927 min Scan# 1942  
Delta R.T. 0.006 min  
Lab File: VX048402.D  
Acq: 28 Oct 2025 16:12

Tgt Ion: 75 Resp: 20094  
Ion Ratio Lower Upper  
75 100  
155 83.8 42.8 128.4  
157 105.0 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 45.511 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

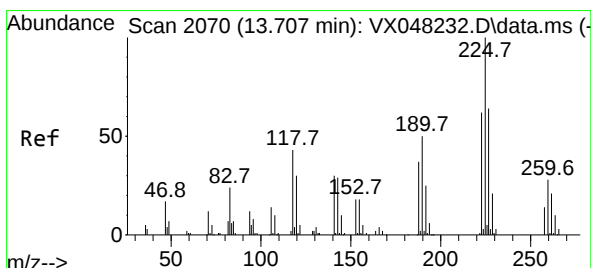
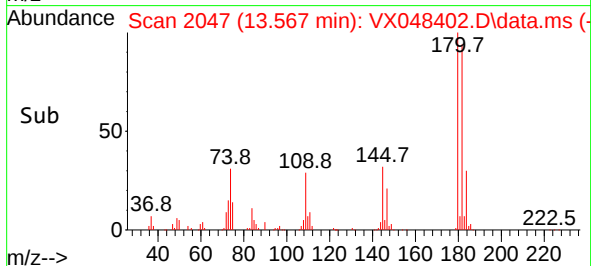
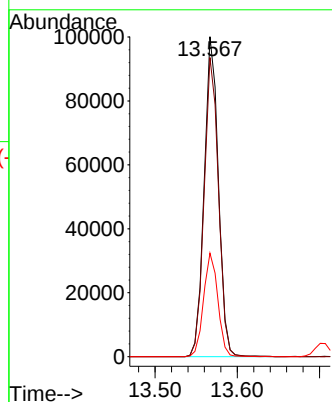
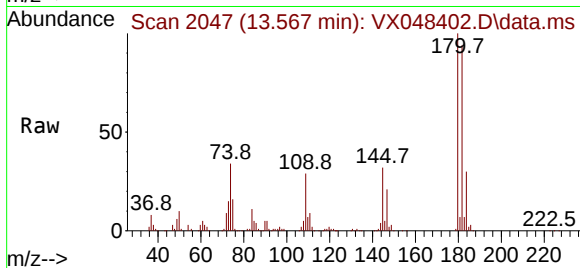
Tgt Ion:180 Resp: 120214

Ion Ratio Lower Upper

180 100

182 94.3 47.3 142.0

145 32.5 16.3 48.9



#94

Hexachlorobutadiene

Concen: 49.555 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

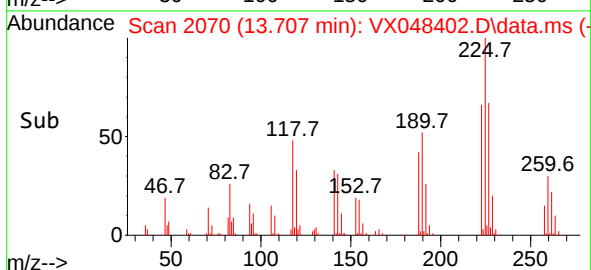
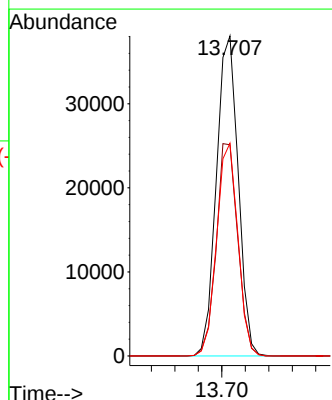
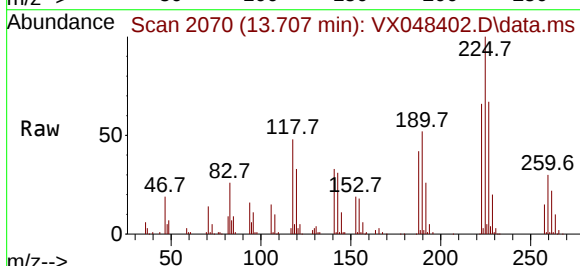
Tgt Ion:225 Resp: 49049

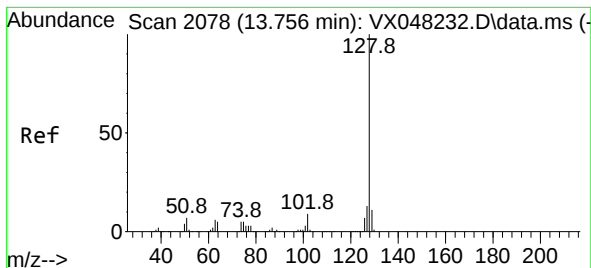
Ion Ratio Lower Upper

225 100

223 65.5 32.6 97.7

227 64.7 32.5 97.4





#95

Naphthalene

Concen: 45.963 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

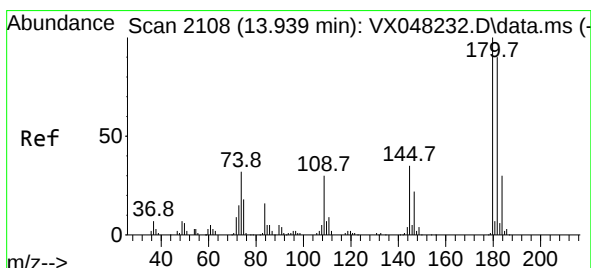
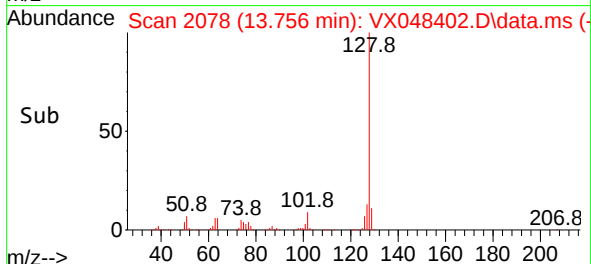
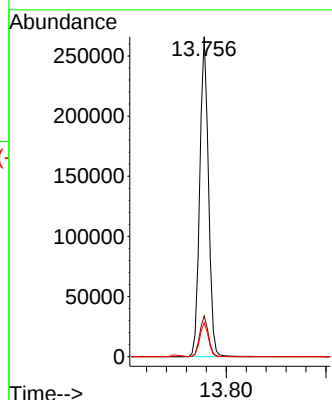
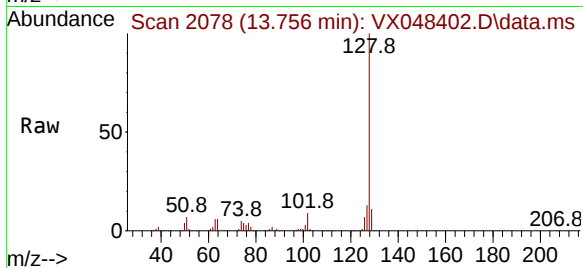
Tgt Ion:128 Resp: 321656

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.623 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048402.D

Acq: 28 Oct 2025 16:12

Tgt Ion:180 Resp: 113007

Ion Ratio Lower Upper

180 100

182 95.0 46.6 139.7

145 34.2 16.9 50.7

