

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101725\  
 Data File : VX048201.D  
 Acq On : 17 Oct 2025 09:55  
 Operator : JC/MD  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Oct 17 23:53:02 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101725W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 17 23:49:03 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.544  | 168   | 144905   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.745  | 114   | 233738   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.037 | 117   | 208719   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.006 | 152   | 103673   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.940  | 65    | 106047   | 47.240   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 94.480%  |
| 35) Dibromofluoromethane     | 5.373  | 113   | 79879    | 49.241   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 98.480%  |
| 50) Toluene-d8               | 8.635  | 98    | 294942   | 50.468   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 100.940% |
| 62) 4-Bromofluorobenzene     | 11.061 | 95    | 105186   | 49.416   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 98.840%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.173  | 85    | 74849    | 49.215   | ug/l   | 100      |
| 3) Chloromethane             | 1.301  | 50    | 87915    | 47.716   | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.380  | 62    | 97480    | 50.210   | ug/l   | 100      |
| 5) Bromomethane              | 1.618  | 94    | 62910    | 49.497   | ug/l   | 100      |
| 6) Chloroethane              | 1.697  | 64    | 58491    | 47.342   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.898  | 101   | 149320   | 49.000   | ug/l   | 100      |
| 8) Diethyl Ether             | 2.136  | 74    | 50491    | 48.574   | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 2.337  | 101   | 84158    | 49.008   | ug/l   | 100      |
| 10) Methyl Iodide            | 2.459  | 142   | 107865   | 52.442   | ug/l   | 100      |
| 11) Tert butyl alcohol       | 2.941  | 59    | 35192    | 236.264  | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 2.325  | 96    | 82401    | 49.074   | ug/l   | 100      |
| 13) Acrolein                 | 2.233  | 56    | 72337    | 231.080  | ug/l   | 100      |
| 14) Allyl chloride           | 2.666  | 41    | 147166   | 48.724   | ug/l   | 100      |
| 15) Acrylonitrile            | 3.056  | 53    | 185879   | 260.427  | ug/l   | 100      |
| 16) Acetone                  | 2.374  | 43    | 181892   | 237.521  | ug/l   | 100      |
| 17) Carbon Disulfide         | 2.514  | 76    | 252931   | 48.958   | ug/l   | 100      |
| 18) Methyl Acetate           | 2.697  | 43    | 78566    | 50.371   | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 257848   | 50.980   | ug/l   | 100      |
| 20) Methylene Chloride       | 2.788  | 84    | 92216    | 49.431   | ug/l   | 100      |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 88909    | 51.182   | ug/l   | 100      |
| 22) Diisopropyl ether        | 3.751  | 45    | 298658   | 50.498   | ug/l   | 100      |
| 23) Vinyl Acetate            | 3.715  | 43    | 1154967  | 261.168  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 163290   | 48.666   | ug/l   | 100      |
| 25) 2-Butanone               | 4.538  | 43    | 227696   | 255.213  | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 4.465  | 77    | 137645   | 47.994   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 102610   | 49.771   | ug/l   | 100      |
| 28) Bromochloromethane       | 4.885  | 49    | 81597    | 52.757   | ug/l   | 100      |
| 29) Tetrahydrofuran          | 4.989  | 42    | 134302   | 256.331  | ug/l   | 100      |
| 30) Chloroform               | 5.080  | 83    | 168931   | 47.821   | ug/l   | 100      |
| 31) Cyclohexane              | 5.458  | 56    | 134044   | 48.824   | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 5.373  | 97    | 140456   | 48.391   | ug/l   | 100      |
| 36) 1,1-Dichloropropene      | 5.684  | 75    | 117638   | 51.478   | ug/l   | 100      |
| 37) Ethyl Acetate            | 4.696  | 43    | 94549    | 51.771   | ug/l   | 100      |
| 38) Carbon Tetrachloride     | 5.666  | 117   | 134481   | 51.270   | ug/l   | 100      |
| 39) Methylcyclohexane        | 7.367  | 83    | 134638   | 52.254   | ug/l   | 100      |
| 40) Benzene                  | 6.025  | 78    | 349840   | 51.556   | ug/l   | 100      |

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 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Oct 17 23:53:02 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101725W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 17 23:49:03 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.904  | 41   | 53392    | 54.588   | ug/l   | 100      |
| 42) 1,2-Dichloroethane        | 6.068  | 62   | 127674   | 52.516   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.324  | 43   | 162898   | 53.135   | ug/l   | 100      |
| 44) Trichloroethene           | 7.111  | 130  | 85828    | 50.188   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 7.415  | 63   | 88167    | 51.339   | ug/l   | 100      |
| 46) Dibromomethane            | 7.568  | 93   | 62671    | 50.719   | ug/l   | 100      |
| 47) Bromodichloromethane      | 7.806  | 83   | 136069   | 50.951   | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.678  | 41   | 83574    | 53.254   | ug/l   | 100      |
| 49) 1,4-Dioxane               | 7.641  | 88   | 14628    | 1035.490 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone      | 8.555  | 43   | 461163   | 270.327  | ug/l   | 100      |
| 52) Toluene                   | 8.702  | 92   | 216685   | 53.129   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.964  | 75   | 132711   | 53.044   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.348  | 75   | 144189   | 52.875   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 9.135  | 97   | 78292    | 51.449   | ug/l   | 100      |
| 56) Ethyl methacrylate        | 9.098  | 69   | 115491   | 55.800   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 9.293  | 76   | 137565   | 51.742   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.226  | 63   | 301874   | 237.498  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.415  | 43   | 323629   | 271.214  | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.506  | 129  | 99180    | 52.070   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.592  | 107  | 80814    | 51.792   | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.256  | 164  | 73122    | 49.965   | ug/l   | 100      |
| 65) Chlorobenzene             | 10.061 | 112  | 234754   | 51.440   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131  | 82328    | 50.061   | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.177 | 91   | 413167   | 52.808   | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.287 | 106  | 309325   | 106.125  | ug/l   | 100      |
| 69) o-Xylene                  | 10.622 | 106  | 146328   | 53.330   | ug/l   | 100      |
| 70) Styrene                   | 10.640 | 104  | 257332   | 54.486   | ug/l   | 100      |
| 71) Bromoform                 | 10.781 | 173  | 62282    | 51.573   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.945 | 105  | 383184   | 53.140   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.823 | 43   | 143916   | 53.500   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83   | 105230   | 51.513   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.220 | 75   | 115200   | 72.768   | ug/l   | 81       |
| 77) Bromobenzene              | 11.177 | 156  | 92708    | 51.377   | ug/l   | 100      |
| 78) n-propylbenzene           | 11.287 | 91   | 461479   | 52.775   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.348 | 91   | 269780   | 51.065   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.433 | 105  | 314287   | 53.099   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75   | 34185    | 52.874   | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 11.433 | 91   | 325295   | 52.395   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.695 | 119  | 307163   | 51.367   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 11.732 | 105  | 316687   | 53.732   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.872 | 105  | 375832   | 51.411   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.988 | 119  | 326853   | 53.044   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.951 | 146  | 174303   | 51.652   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.024 | 146  | 178082   | 50.909   | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.311 | 91   | 302597   | 52.723   | ug/l   | 100      |
| 90) Hexachloroethane          | 12.518 | 117  | 64788    | 49.815   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 12.317 | 146  | 166224   | 52.135   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.920 | 75   | 17468    | 46.797   | ug/l   | 100      |
| 93) 1,2,4-Trichlorobenzene    | 13.567 | 180  | 97102    | 51.590   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 13.701 | 225  | 35845    | 49.380   | ug/l   | 100      |
| 95) Naphthalene               | 13.756 | 128  | 273763   | 55.178   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.939 | 180  | 94728    | 54.549   | ug/l   | 100      |

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Operator : JC/MD  
Sample : VSTDICCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 5 Sample Multiplier: 1

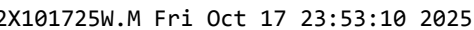
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

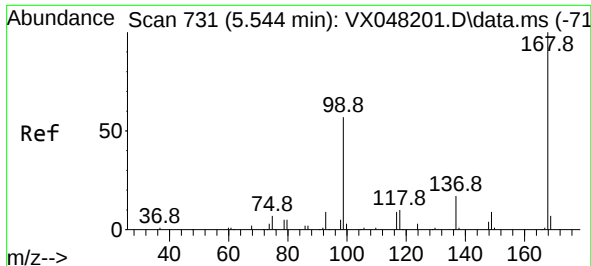
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101725W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 17 23:49:03 2025  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101725W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 17 23:49:03 2025  
Response via : Initial Calibration

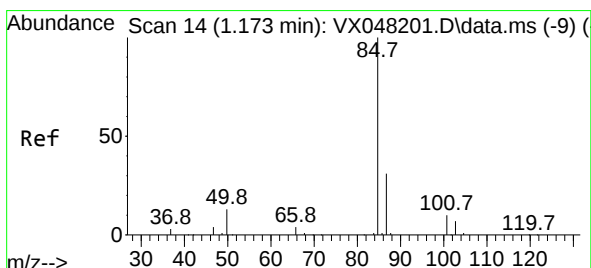
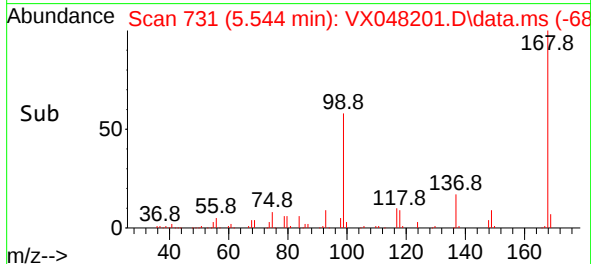
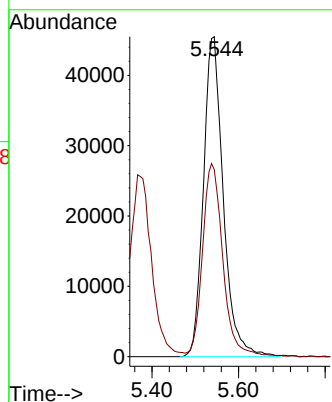
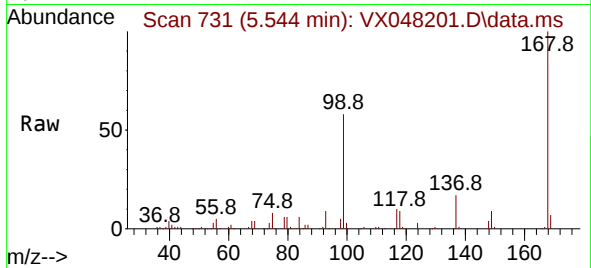




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

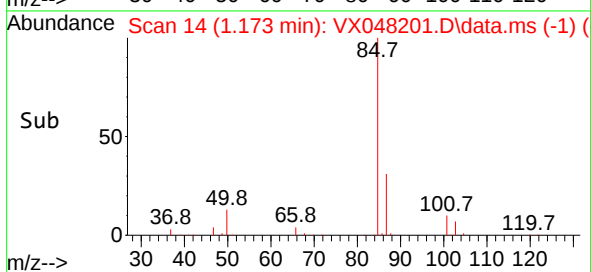
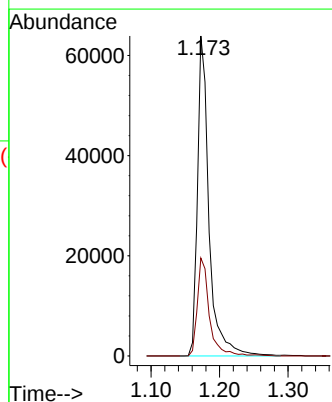
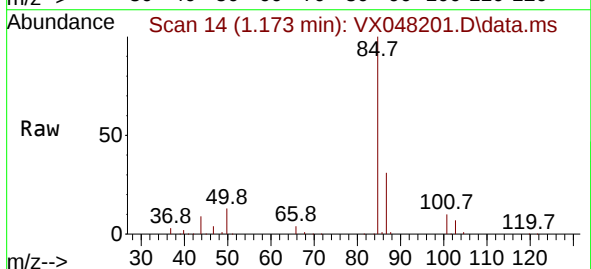
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

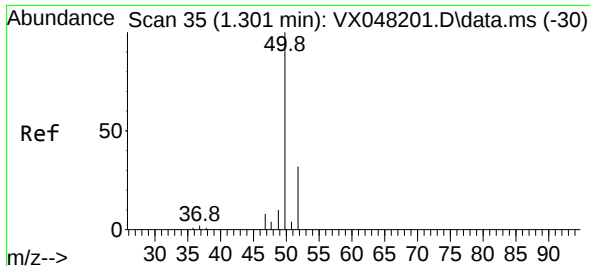
Tgt Ion:168 Resp: 144905  
Ion Ratio Lower Upper  
168 100  
99 58.0 46.4 69.6



#2  
Dichlorodifluoromethane  
Concen: 49.215 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 85 Resp: 74849  
Ion Ratio Lower Upper  
85 100  
87 30.6 15.3 45.9

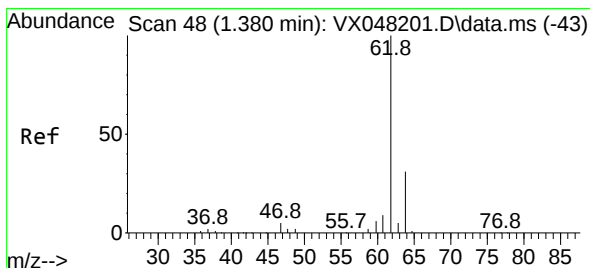
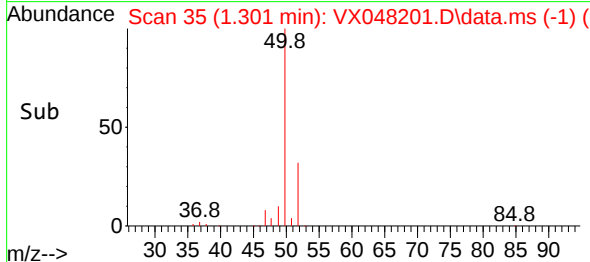
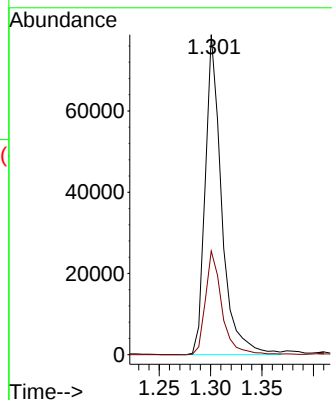
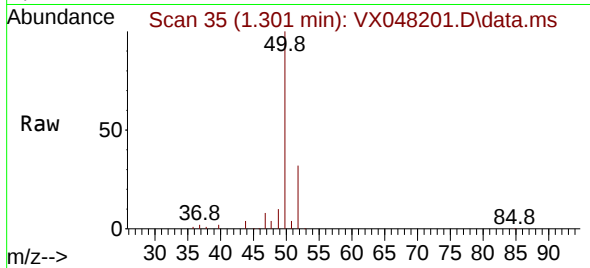




#3  
Chloromethane  
Concen: 47.716 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

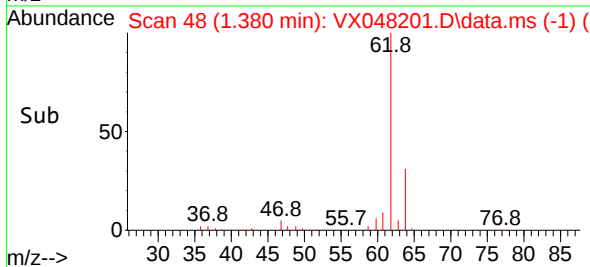
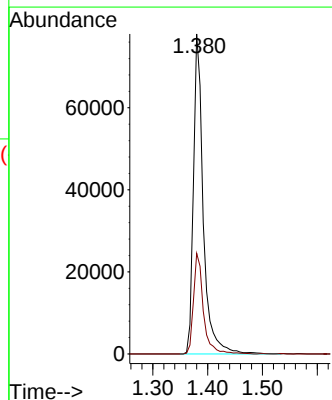
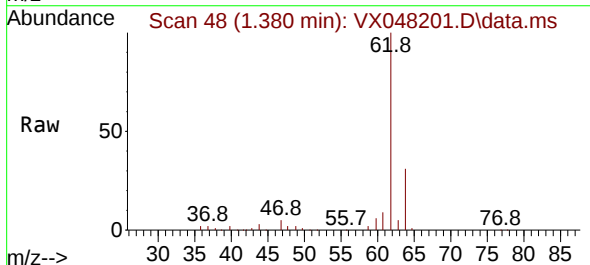
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

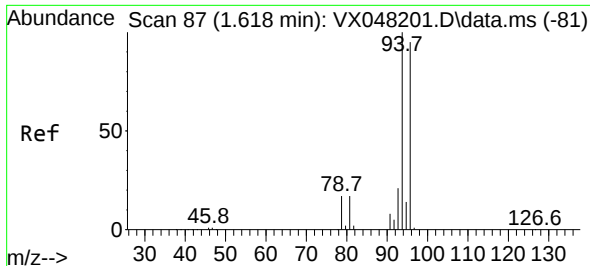
Tgt Ion: 50 Resp: 87915  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.9 38.9



#4  
Vinyl Chloride  
Concen: 50.210 ug/l  
RT: 1.380 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 62 Resp: 97480  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.1 37.7

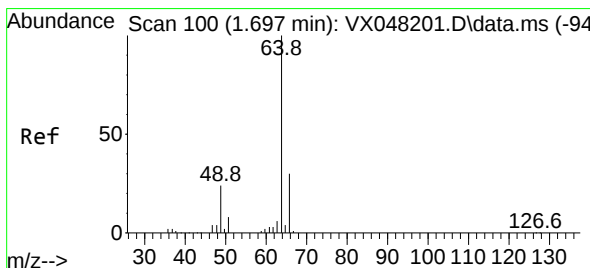
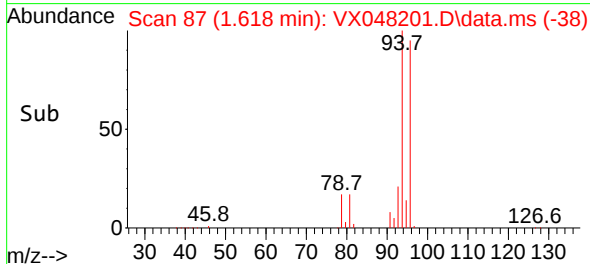
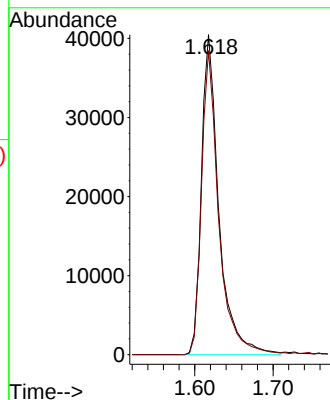
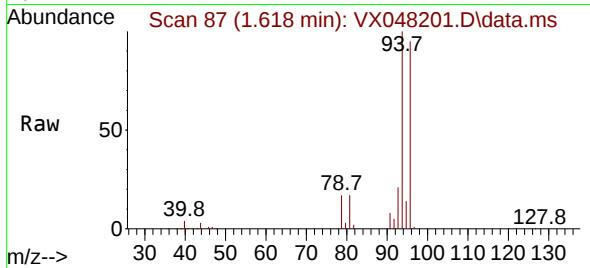




#5  
Bromomethane  
Concen: 49.497 ug/l  
RT: 1.618 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

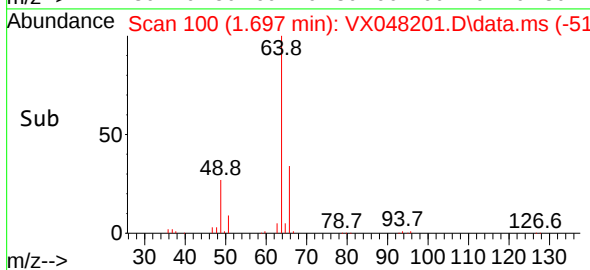
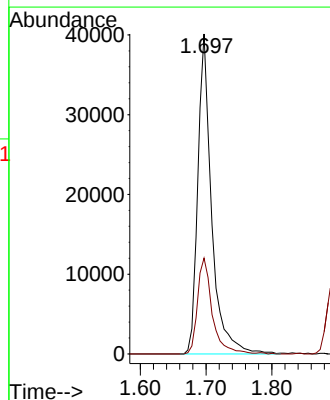
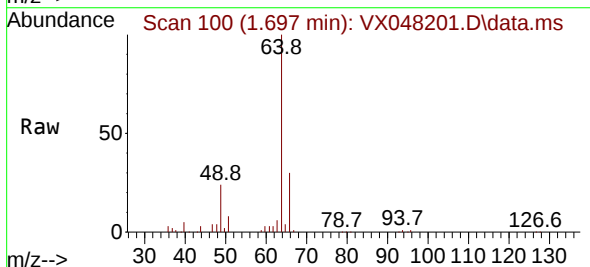
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

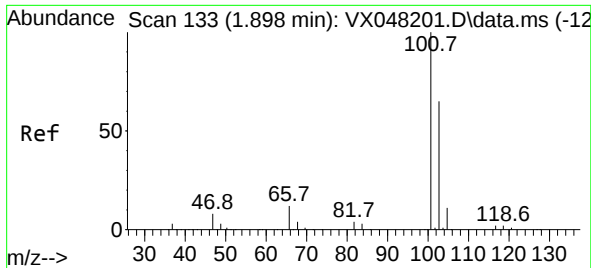
Tgt Ion: 94 Resp: 62910  
Ion Ratio Lower Upper  
94 100  
96 95.0 76.0 114.0



#6  
Chloroethane  
Concen: 47.342 ug/l  
RT: 1.697 min Scan# 100  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 64 Resp: 58491  
Ion Ratio Lower Upper  
64 100  
66 29.9 23.9 35.9

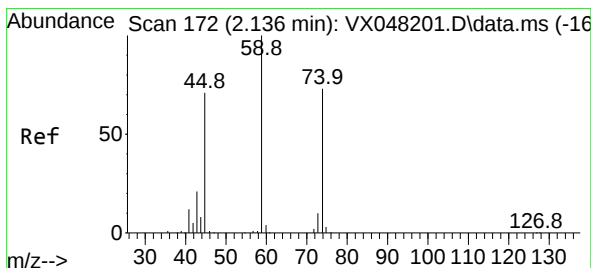
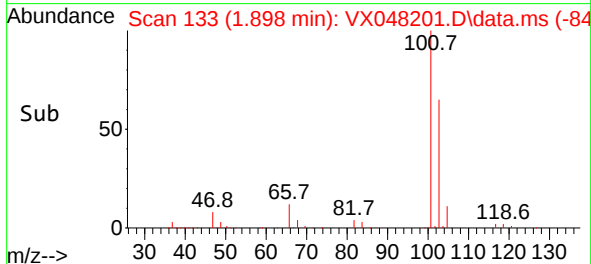
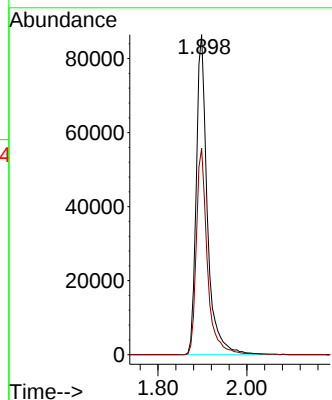
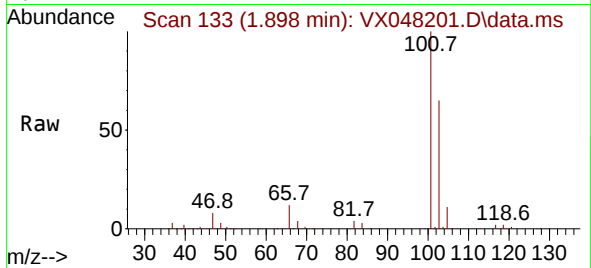




#7  
 Trichlorofluoromethane  
 Concen: 49.000 ug/l  
 RT: 1.898 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX048201.D  
 Acq: 17 Oct 2025 09:55

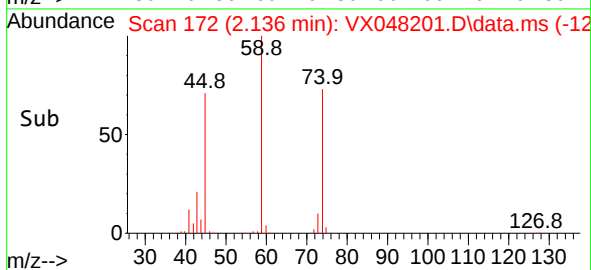
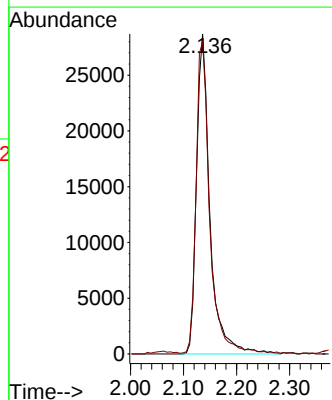
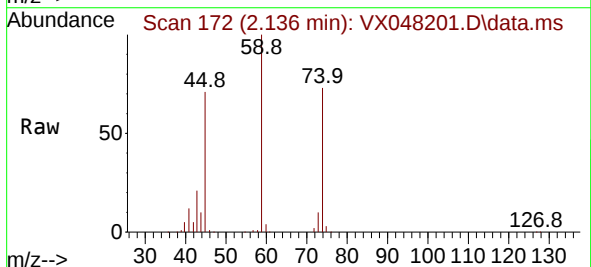
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

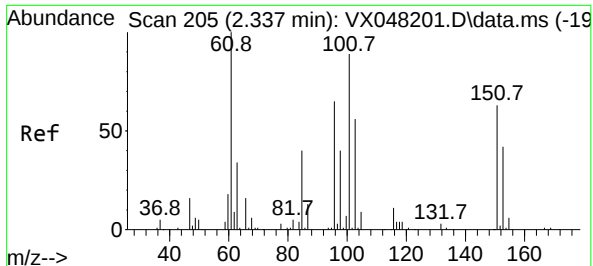
Tgt Ion:101 Resp: 149320  
 Ion Ratio Lower Upper  
 101 100  
 103 64.5 51.6 77.4



#8  
 Diethyl Ether  
 Concen: 48.574 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX048201.D  
 Acq: 17 Oct 2025 09:55

Tgt Ion: 74 Resp: 50491  
 Ion Ratio Lower Upper  
 74 100  
 45 99.9 50.0 149.8

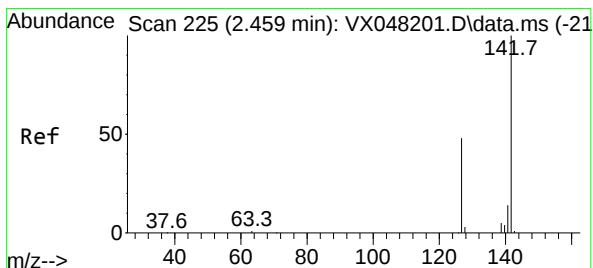
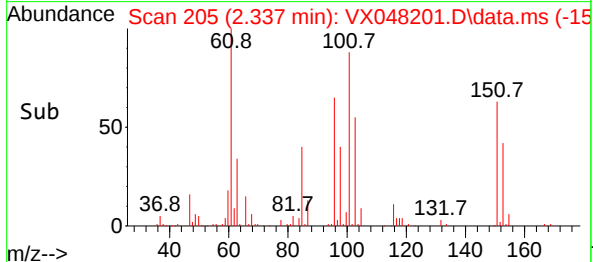
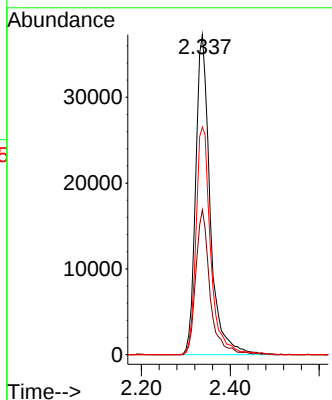
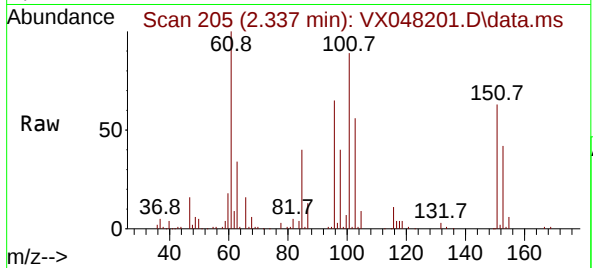




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 49.008 ug/l  
 RT: 2.337 min Scan# 205  
 Delta R.T. 0.000 min  
 Lab File: VX048201.D  
 Acq: 17 Oct 2025 09:55

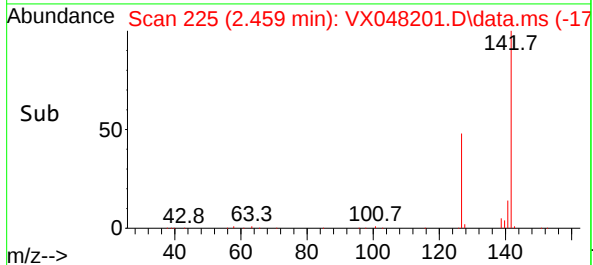
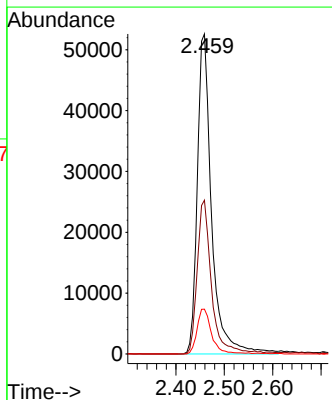
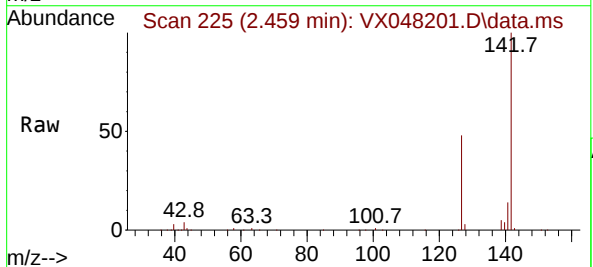
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

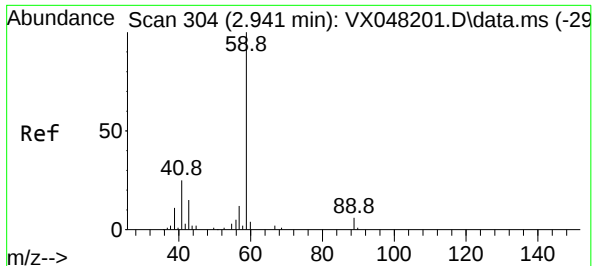
Tgt Ion:101 Resp: 84158  
 Ion Ratio Lower Upper  
 101 100  
 85 44.5 35.6 53.4  
 151 72.5 58.0 87.0



#10  
 Methyl Iodide  
 Concen: 52.442 ug/l  
 RT: 2.459 min Scan# 225  
 Delta R.T. 0.000 min  
 Lab File: VX048201.D  
 Acq: 17 Oct 2025 09:55

Tgt Ion:142 Resp: 107865  
 Ion Ratio Lower Upper  
 142 100  
 127 48.1 38.5 57.7  
 141 14.5 11.6 17.4

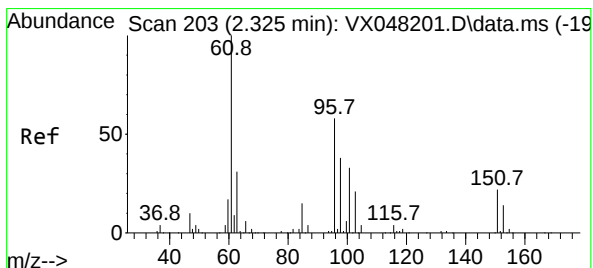
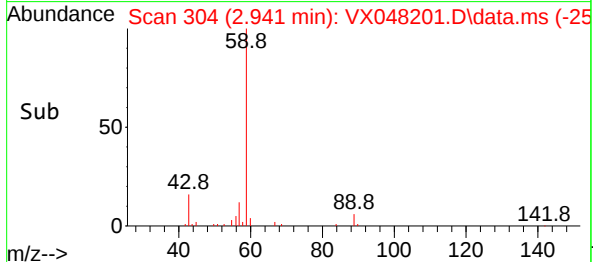
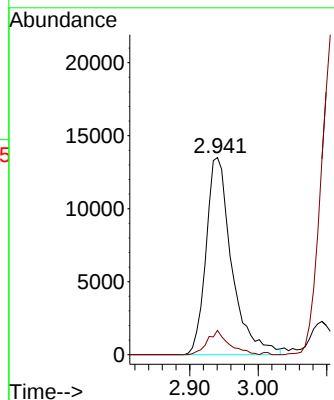
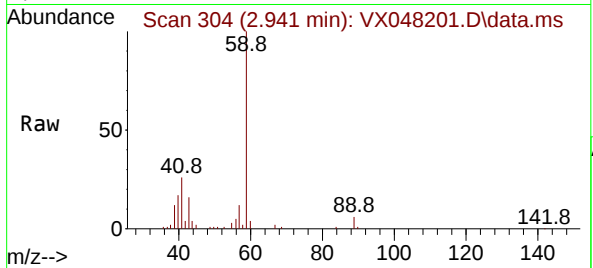




#11  
Tert butyl alcohol  
Concen: 236.264 ug/l  
RT: 2.941 min Scan# 304  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

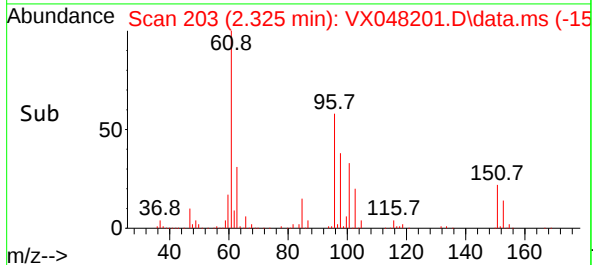
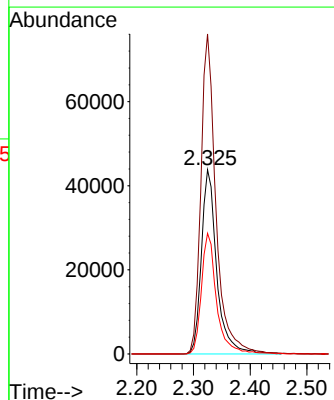
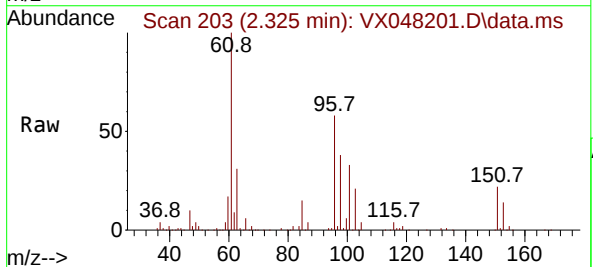
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

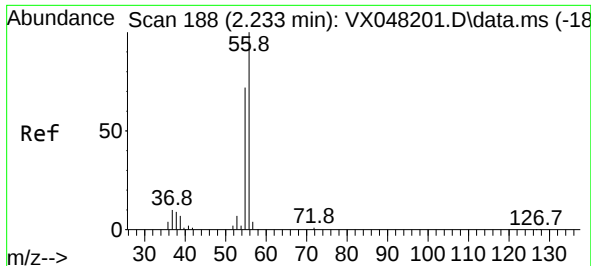
Tgt Ion: 59 Resp: 35192  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 49.074 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 96 Resp: 82401  
Ion Ratio Lower Upper  
96 100  
61 173.8 139.0 208.6  
98 65.5 52.4 78.6

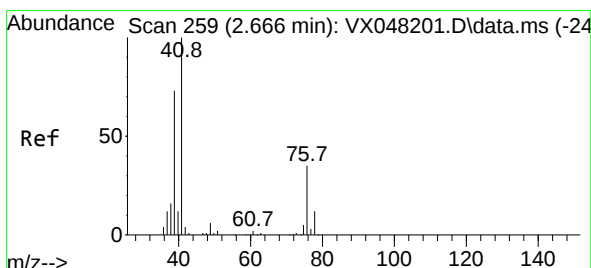
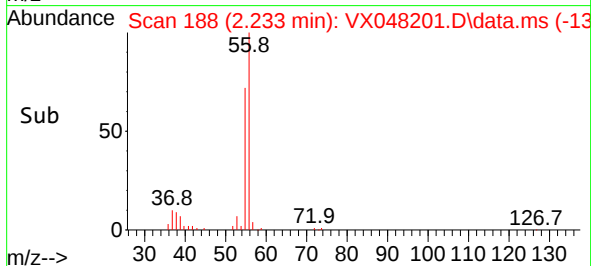
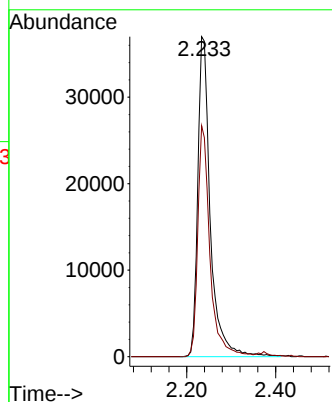
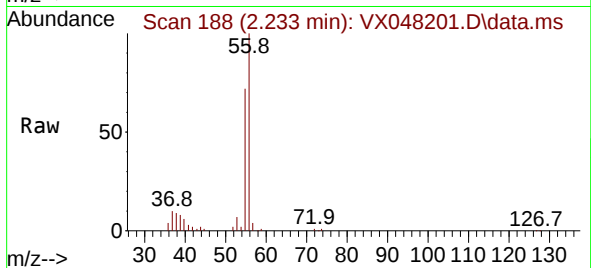




#13  
Acrolein  
Concen: 231.080 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

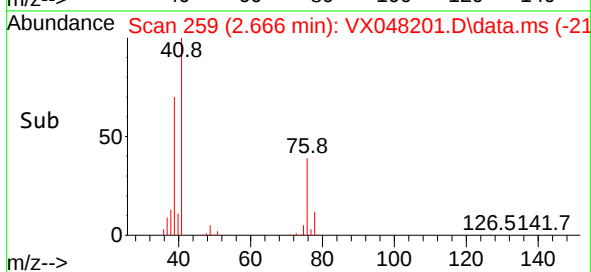
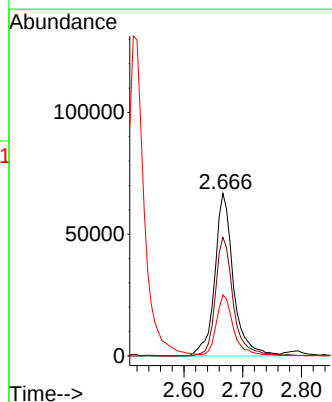
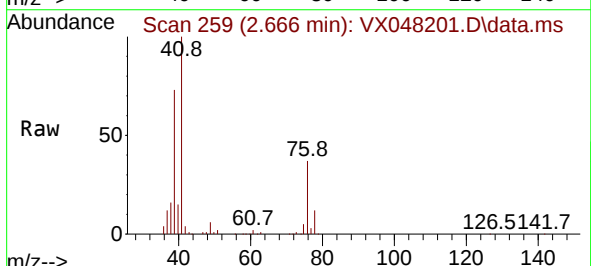
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

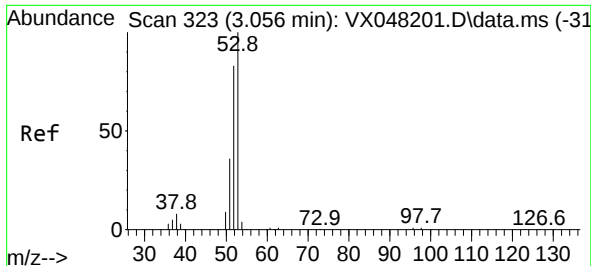
Tgt Ion: 56 Resp: 72337  
Ion Ratio Lower Upper  
56 100  
55 70.1 56.1 84.1



#14  
Allyl chloride  
Concen: 48.724 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 41 Resp: 147166  
Ion Ratio Lower Upper  
41 100  
39 70.0 56.0 84.0  
76 34.4 27.5 41.3

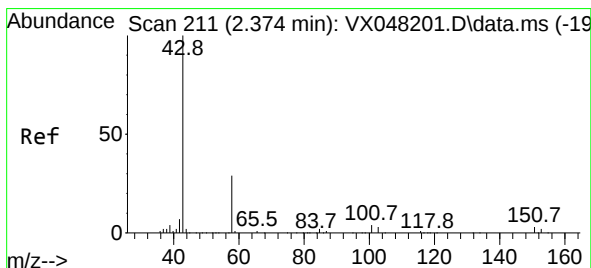
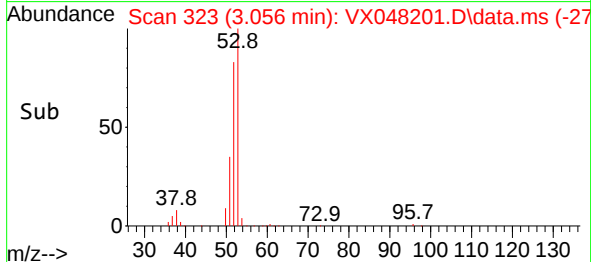
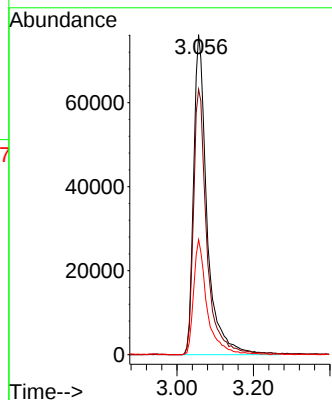
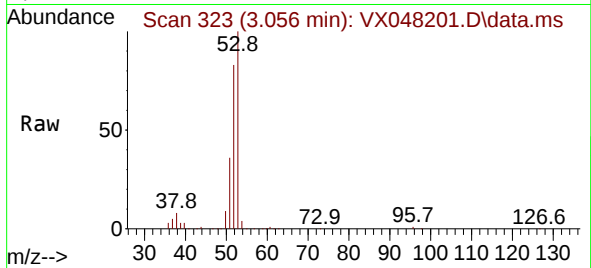




#15  
Acrylonitrile  
Concen: 260.427 ug/l  
RT: 3.056 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

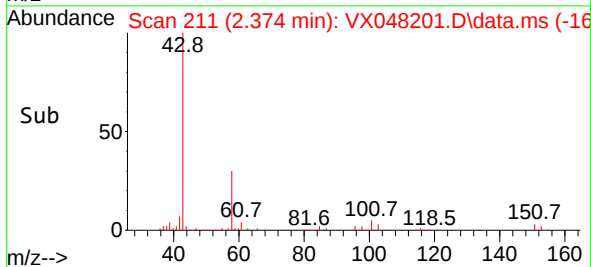
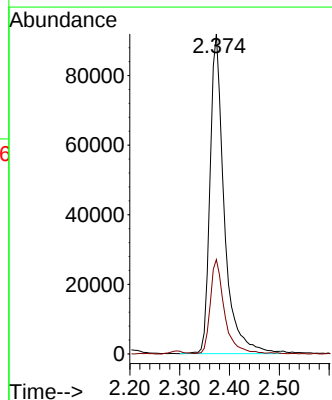
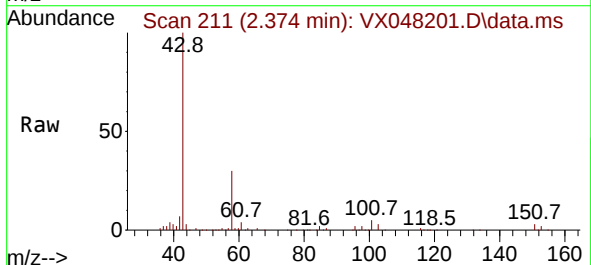
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

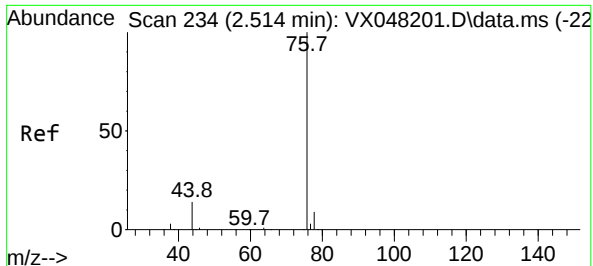
Tgt Ion: 53 Resp: 185879  
Ion Ratio Lower Upper  
53 100  
52 82.6 66.1 99.1  
51 36.2 29.0 43.4



#16  
Acetone  
Concen: 237.521 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 181892  
Ion Ratio Lower Upper  
43 100  
58 29.3 23.4 35.2

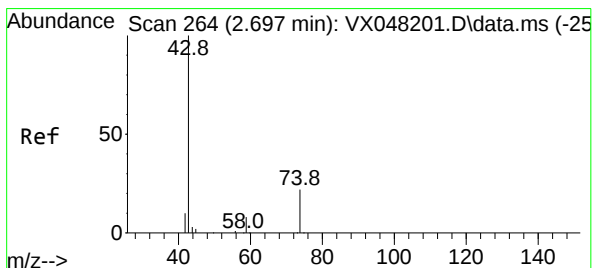
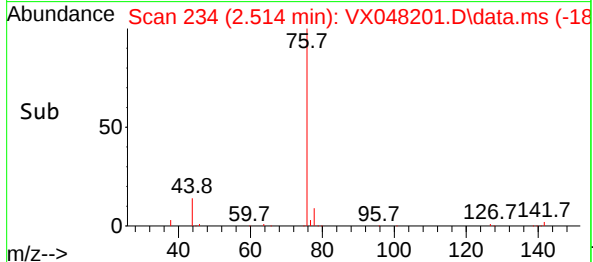
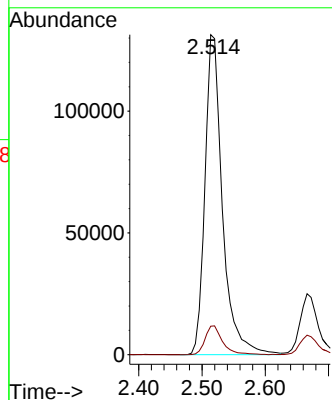
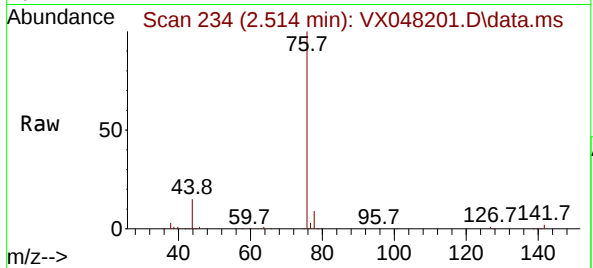




#17  
Carbon Disulfide  
Concen: 48.958 ug/l  
RT: 2.514 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

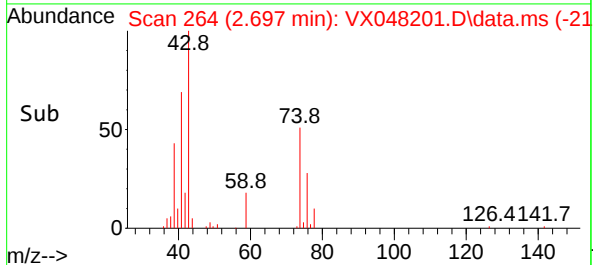
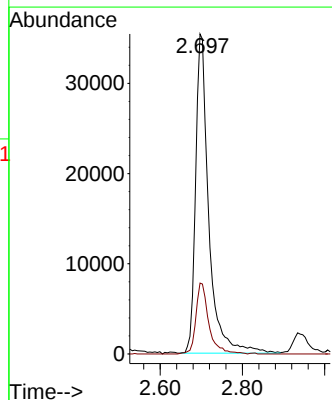
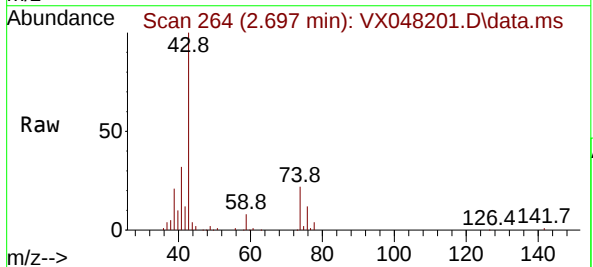
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

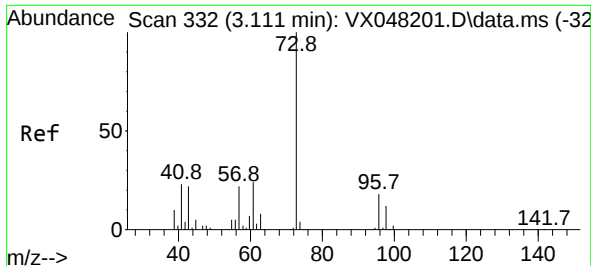
Tgt Ion: 76 Resp: 252931  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.1 10.7



#18  
Methyl Acetate  
Concen: 50.371 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 78566  
Ion Ratio Lower Upper  
43 100  
74 21.9 17.5 26.3

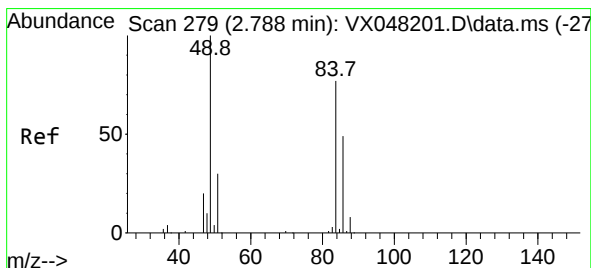
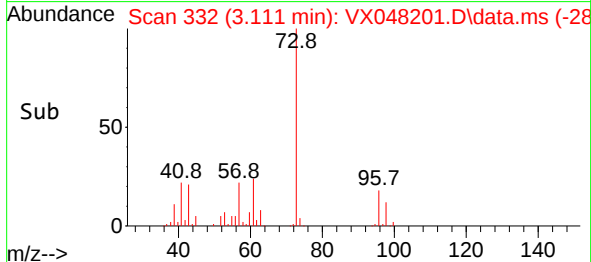
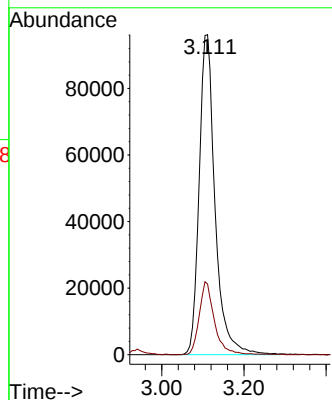
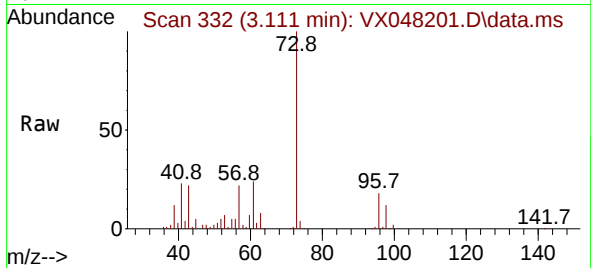




#19  
Methyl tert-butyl Ether  
Concen: 50.980 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

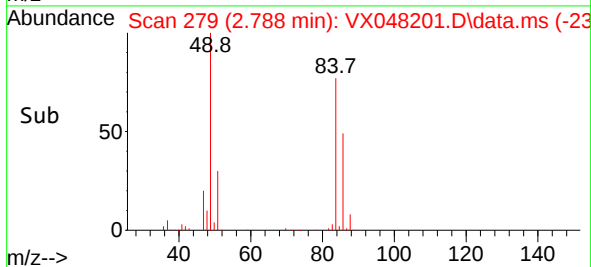
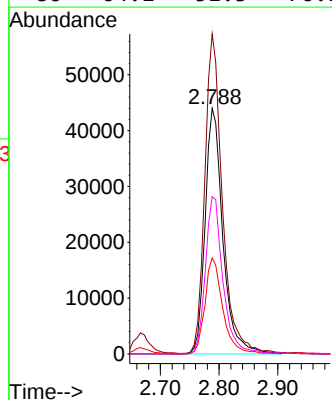
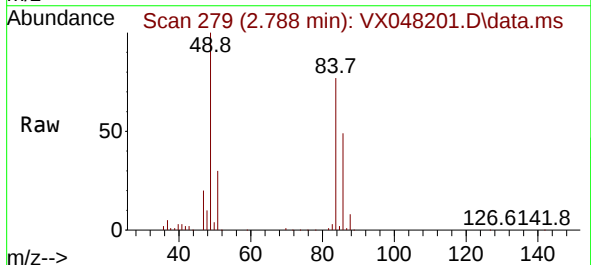
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

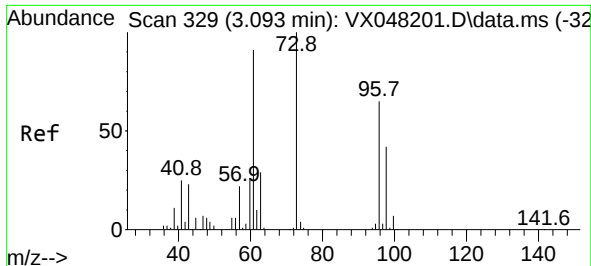
Tgt Ion: 73 Resp: 257848  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.7 26.5



#20  
Methylene Chloride  
Concen: 49.431 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 84 Resp: 92216  
Ion Ratio Lower Upper  
84 100  
49 130.1 104.1 156.1  
51 39.1 31.3 46.9  
86 64.1 51.3 76.9

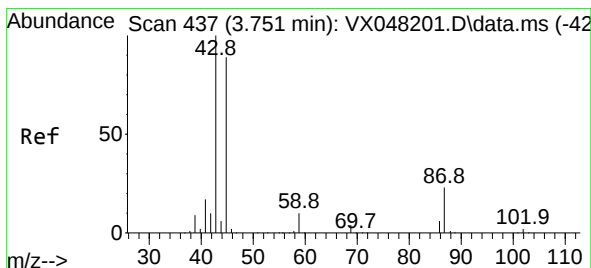
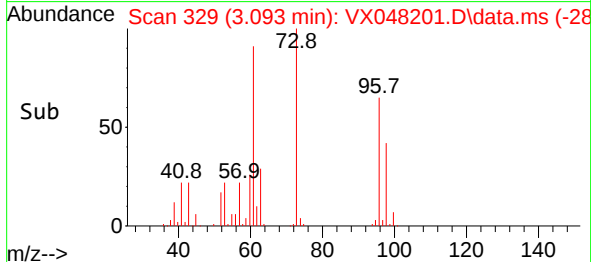
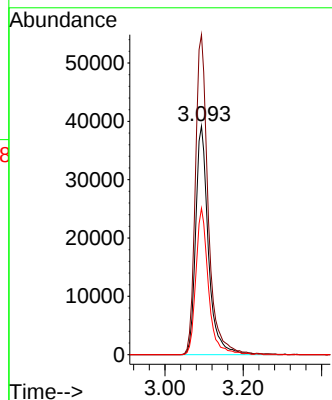
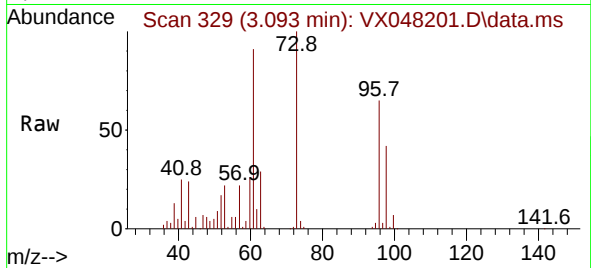




#21  
trans-1,2-Dichloroethene  
Concen: 51.182 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

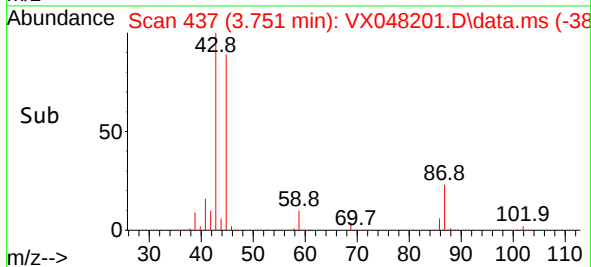
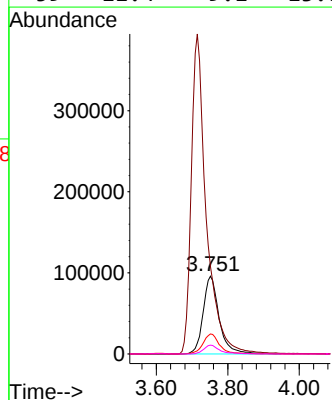
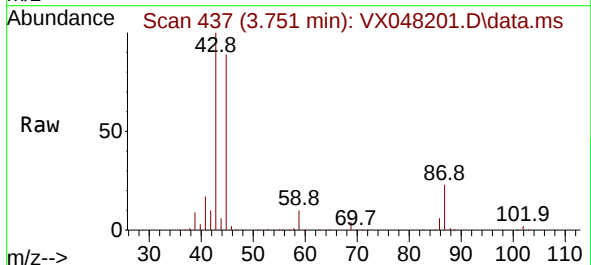
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

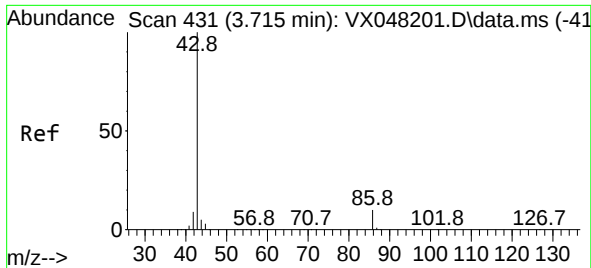
Tgt Ion: 96 Resp: 88909  
Ion Ratio Lower Upper  
96 100  
61 139.9 111.9 167.9  
98 64.0 51.2 76.8



#22  
Diisopropyl ether  
Concen: 50.498 ug/l  
RT: 3.751 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 45 Resp: 298658  
Ion Ratio Lower Upper  
45 100  
43 112.3 89.8 134.8  
87 25.8 20.6 31.0  
59 11.4 9.1 13.7

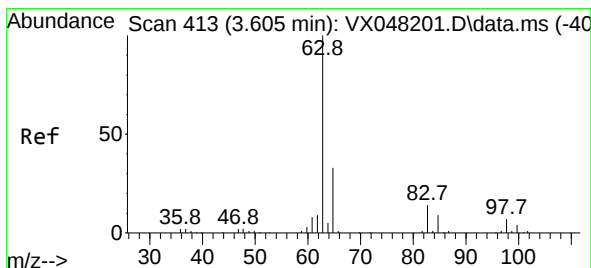
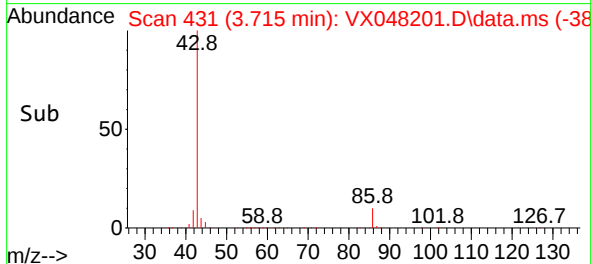
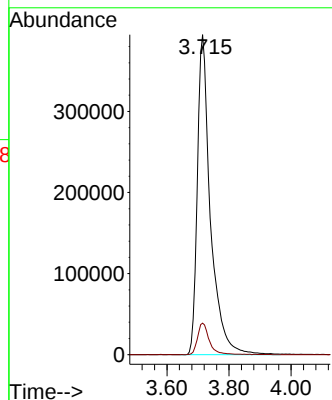
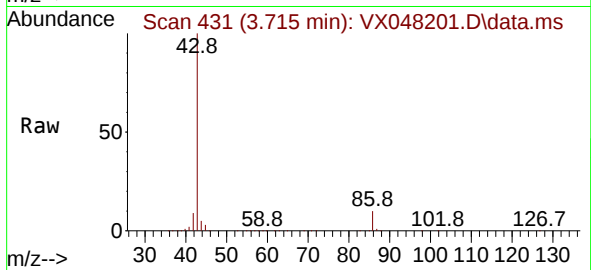




#23  
 Vinyl Acetate  
 Concen: 261.168 ug/l  
 RT: 3.715 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX048201.D  
 Acq: 17 Oct 2025 09:55

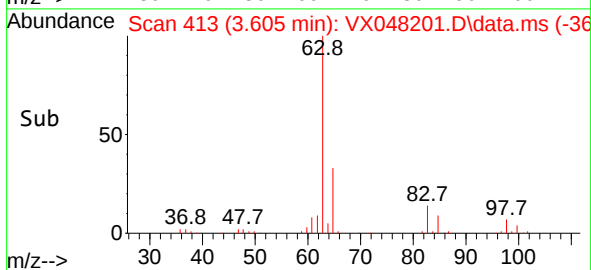
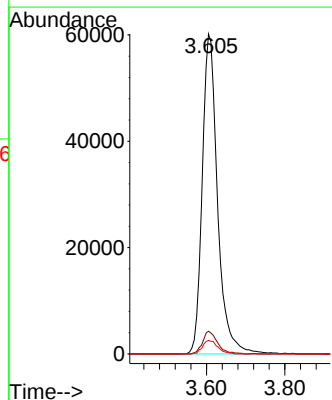
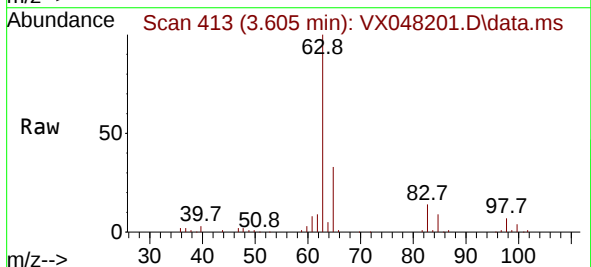
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

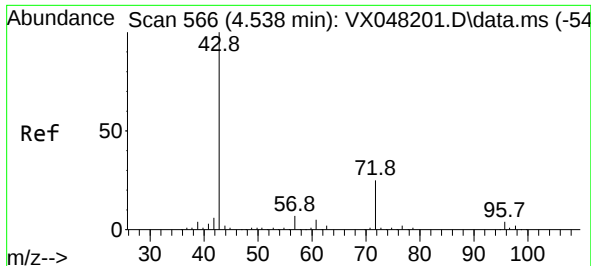
Tgt Ion: 43 Resp: 1154967  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 7.9 11.9



#24  
 1,1-Dichloroethane  
 Concen: 48.666 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX048201.D  
 Acq: 17 Oct 2025 09:55

Tgt Ion: 63 Resp: 163290  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.5 10.6  
 100 4.2 2.1 6.3

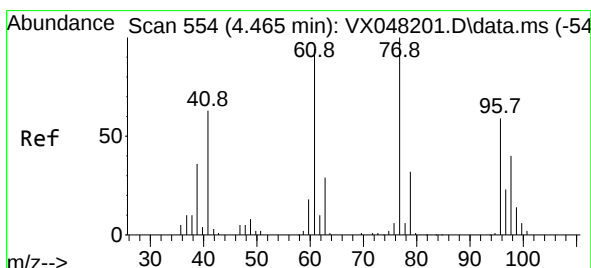
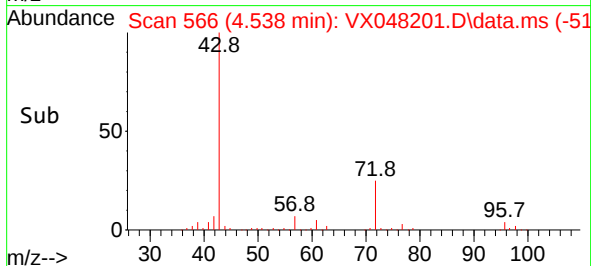
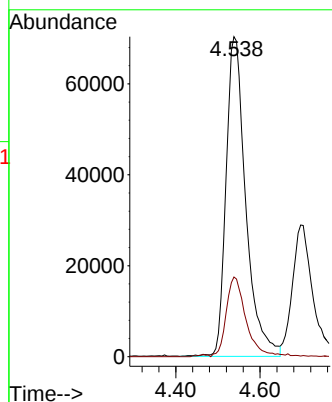
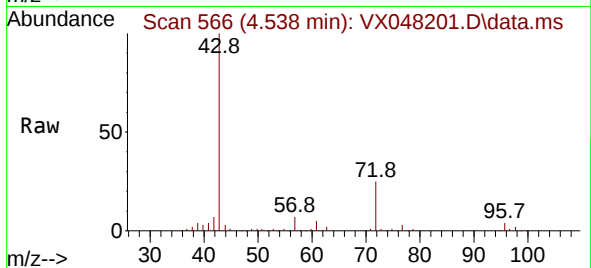




#25  
2-Butanone  
Concen: 255.213 ug/l  
RT: 4.538 min Scan# 566  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

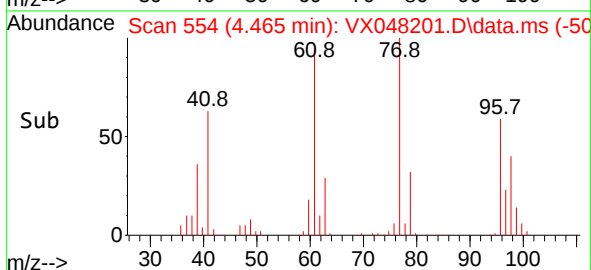
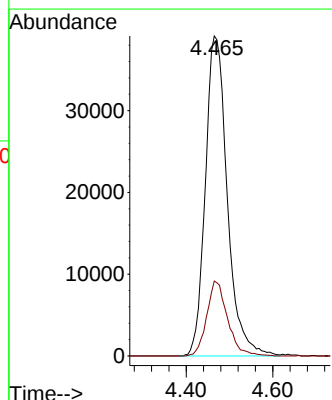
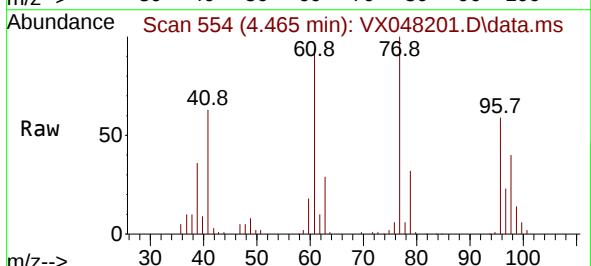
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

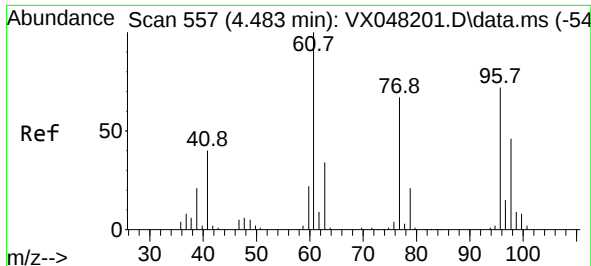
Tgt Ion: 43 Resp: 227696  
Ion Ratio Lower Upper  
43 100  
72 24.9 19.9 29.9



#26  
2,2-Dichloropropane  
Concen: 47.994 ug/l  
RT: 4.465 min Scan# 554  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 77 Resp: 137645  
Ion Ratio Lower Upper  
77 100  
97 22.2 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 49.771 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

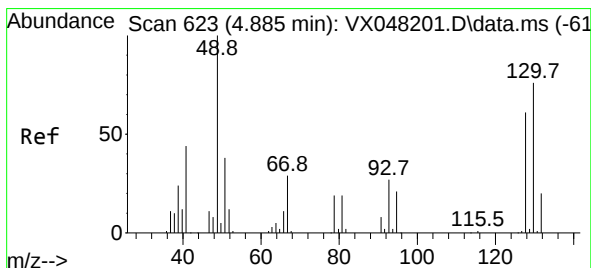
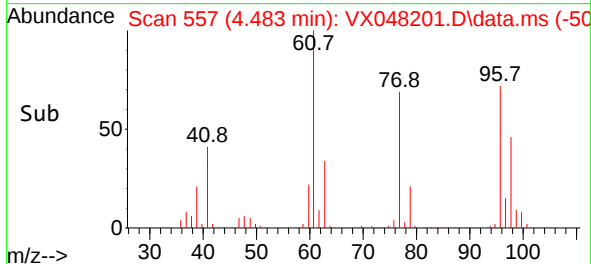
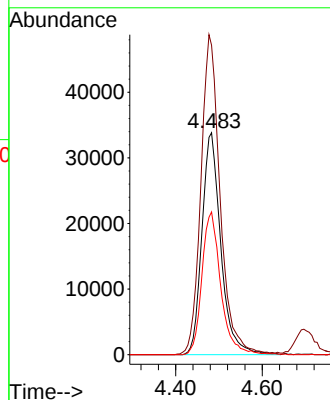
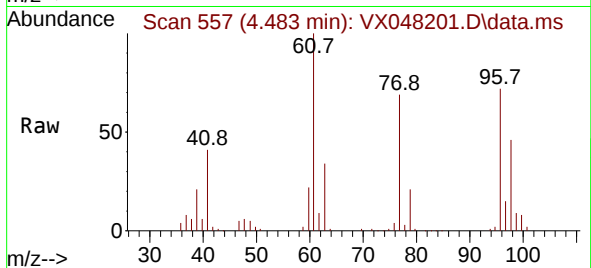
Tgt Ion: 96 Resp: 102610

Ion Ratio Lower Upper

96 100

61 147.1 0.0 294.2

98 64.2 0.0 128.4



#28

Bromochloromethane

Concen: 52.757 ug/l

RT: 4.885 min Scan# 623

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

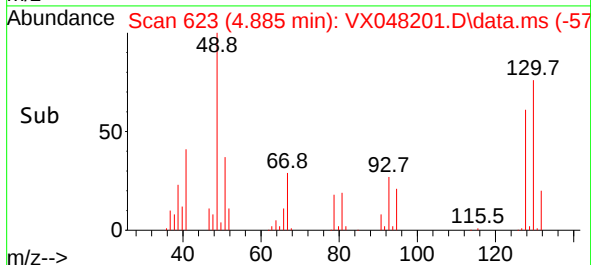
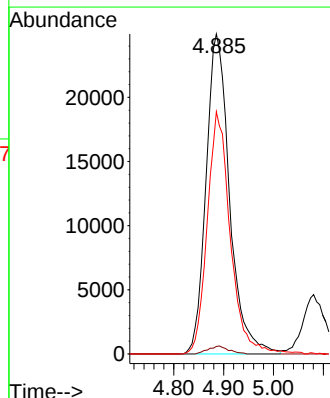
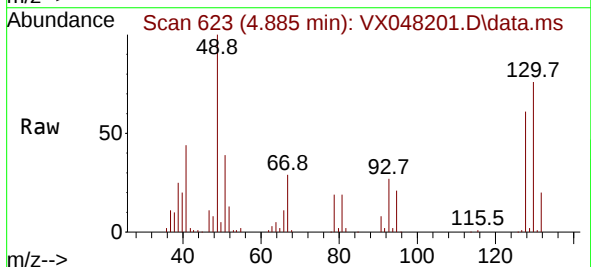
Tgt Ion: 49 Resp: 81597

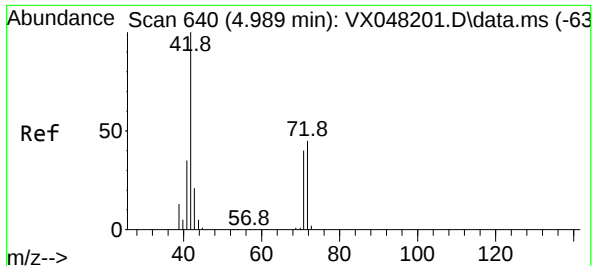
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 74.1 59.3 88.9





#29

Tetrahydrofuran

Concen: 256.331 ug/l

RT: 4.989 min Scan# 640

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

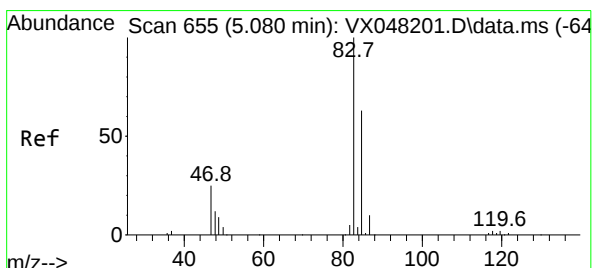
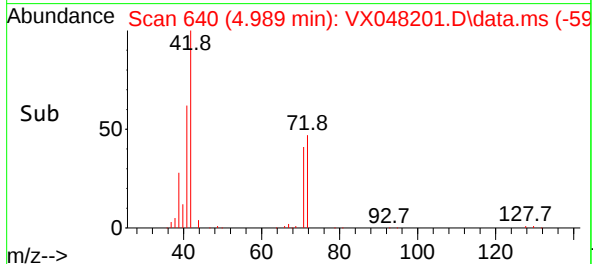
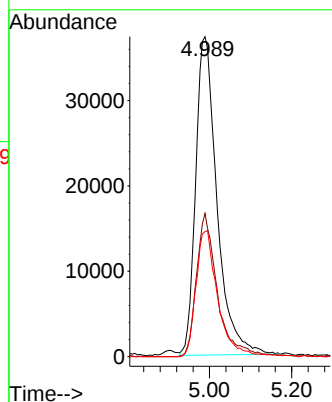
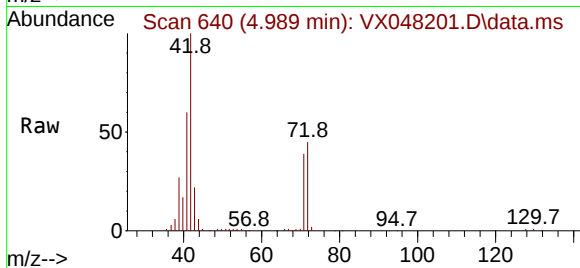
Tgt Ion: 42 Resp: 134302

Ion Ratio Lower Upper

42 100

72 44.1 35.3 52.9

71 40.3 32.2 48.4



#30

Chloroform

Concen: 47.821 ug/l

RT: 5.080 min Scan# 655

Delta R.T. 0.000 min

Lab File: VX048201.D

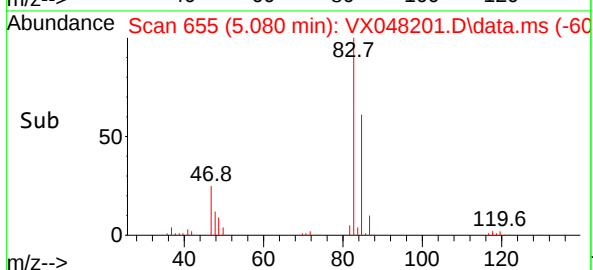
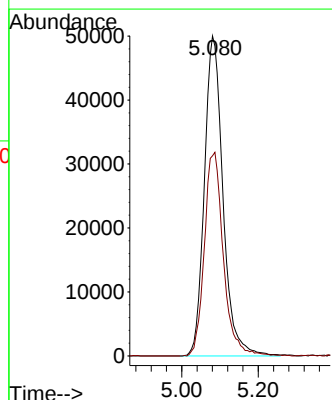
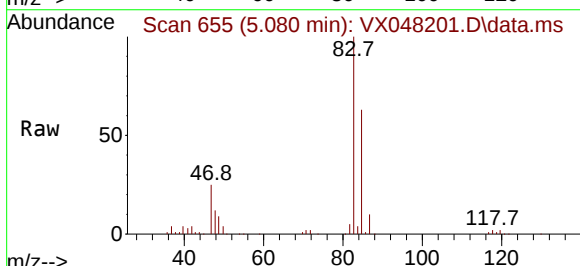
Acq: 17 Oct 2025 09:55

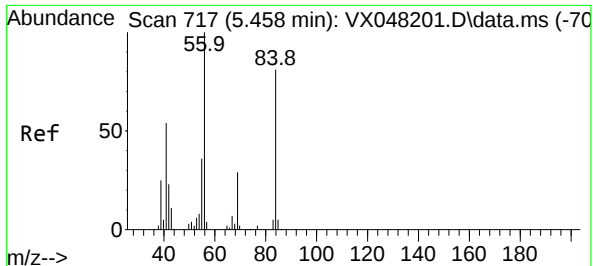
Tgt Ion: 83 Resp: 168931

Ion Ratio Lower Upper

83 100

85 62.6 50.1 75.1

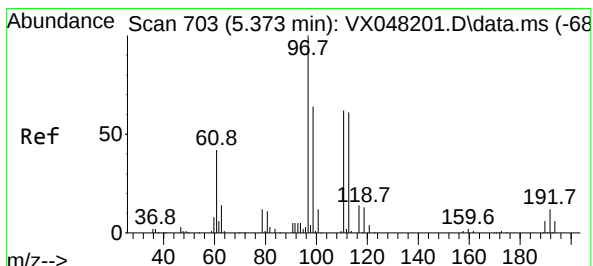
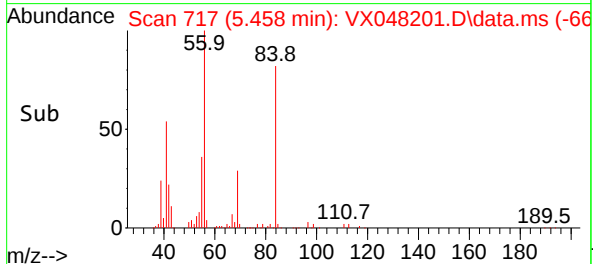
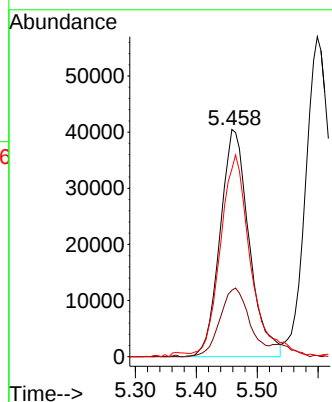
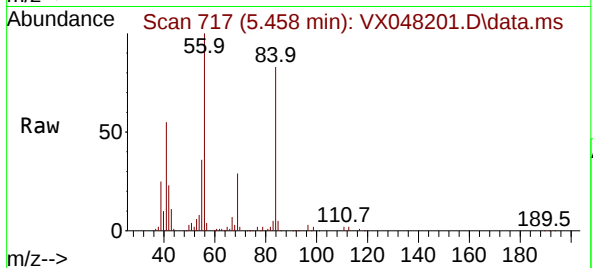




#31  
Cyclohexane  
Concen: 48.824 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

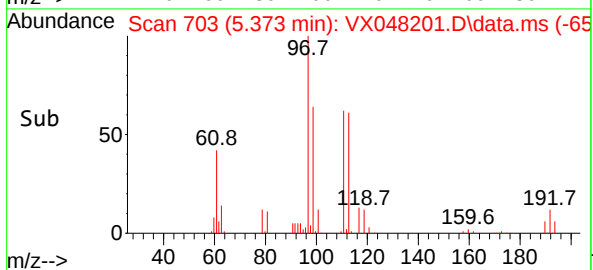
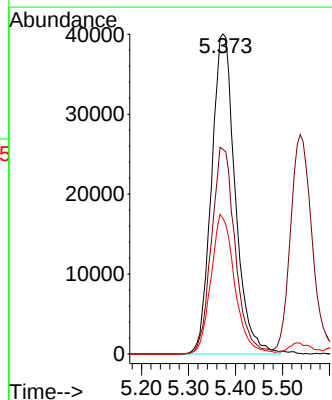
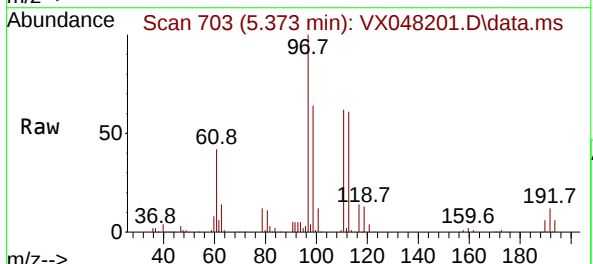
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

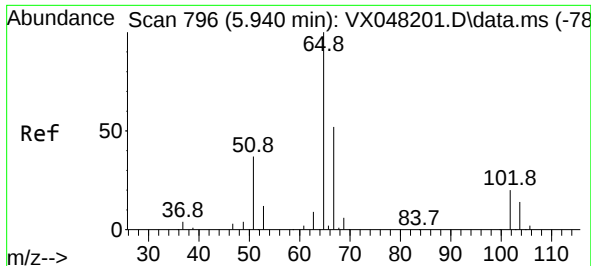
Tgt Ion: 56 Resp: 134044  
Ion Ratio Lower Upper  
56 100  
69 28.8 23.0 34.6  
84 80.8 64.6 97.0



#32  
1,1,1-Trichloroethane  
Concen: 48.391 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 97 Resp: 140456  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.7 77.5  
61 43.5 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 47.240 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

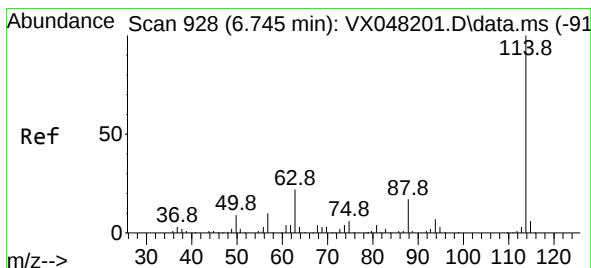
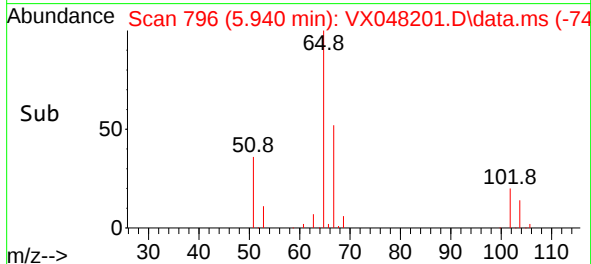
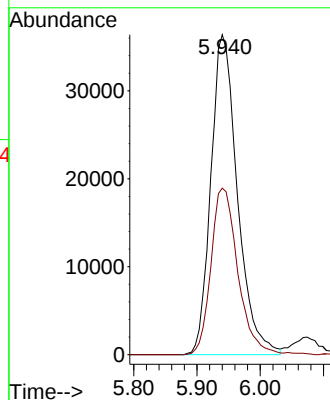
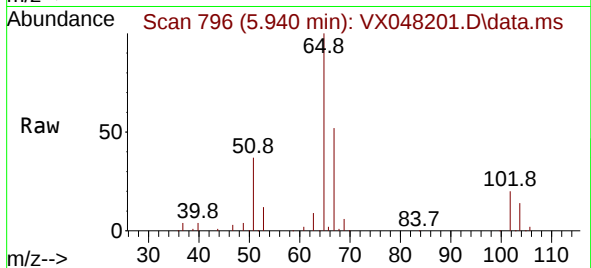
VSTDICCC050

Tgt Ion: 65 Resp: 106047

Ion Ratio Lower Upper

65 100

67 52.5 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: VX048201.D

Acq: 17 Oct 2025 09:55

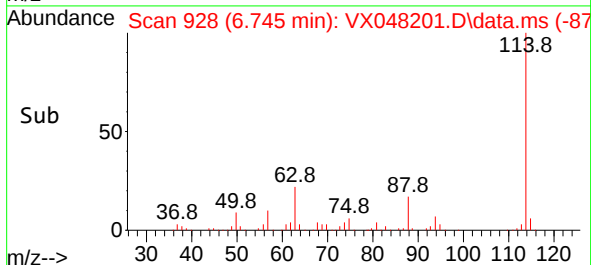
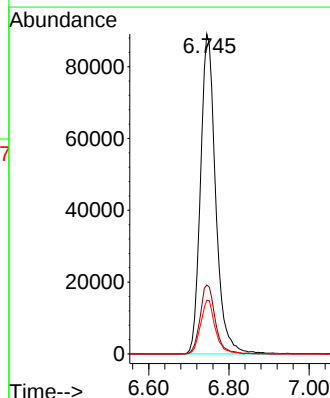
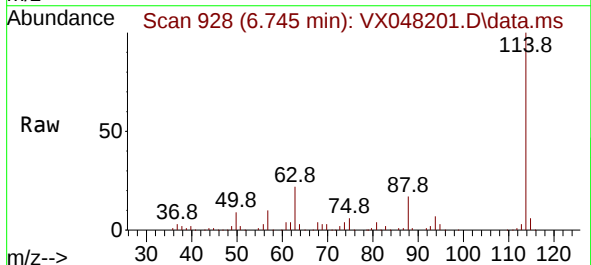
Tgt Ion: 114 Resp: 233738

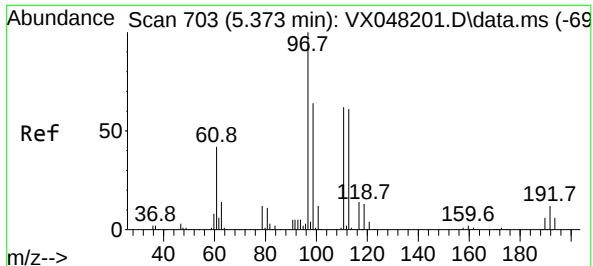
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 16.8 0.0 33.6

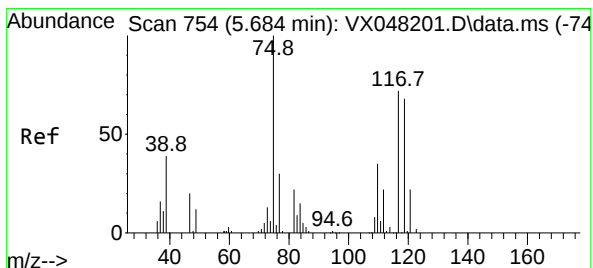
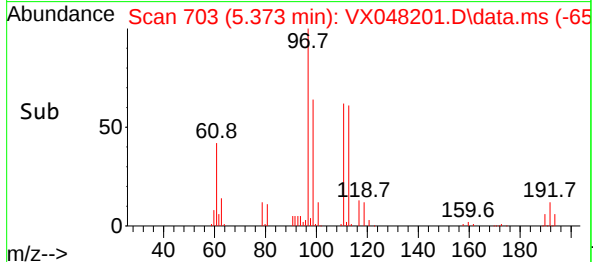
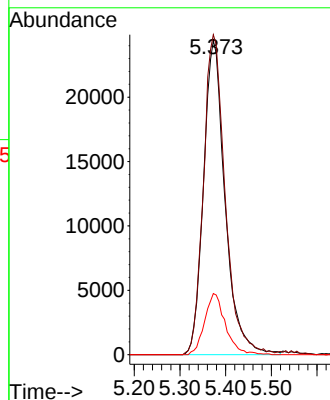
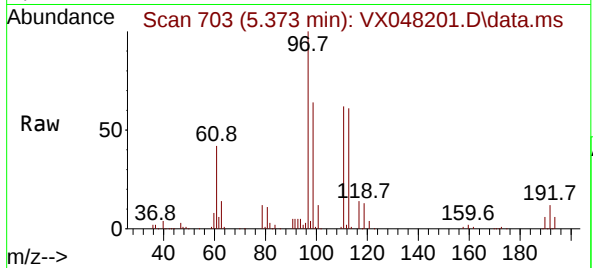




#35  
Dibromofluoromethane  
Concen: 49.241 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

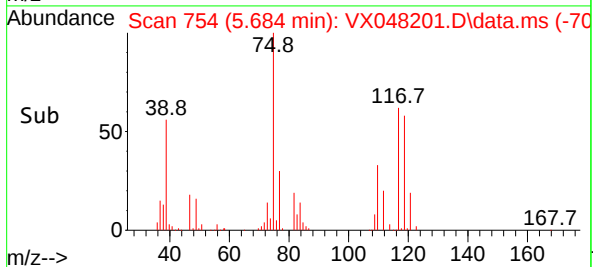
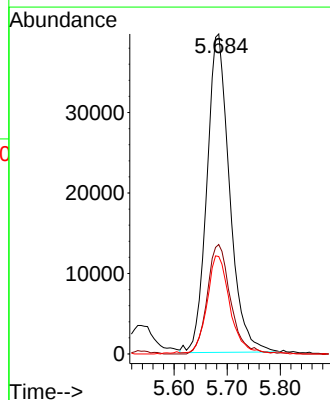
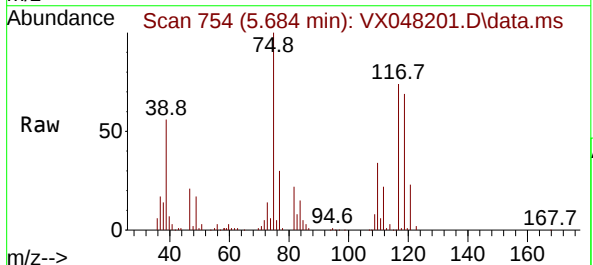
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

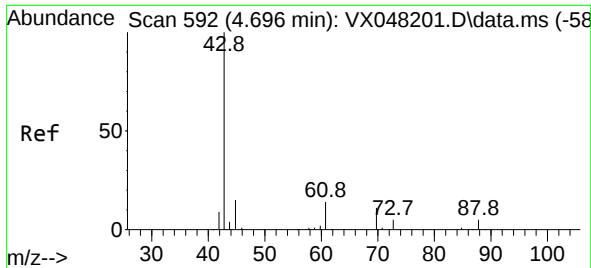
Tgt Ion:113 Resp: 79879  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.2 123.4  
192 18.9 15.1 22.7



#36  
1,1-Dichloropropene  
Concen: 51.478 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 117638  
Ion Ratio Lower Upper  
75 100  
110 35.4 17.7 53.1  
77 30.4 24.3 36.5

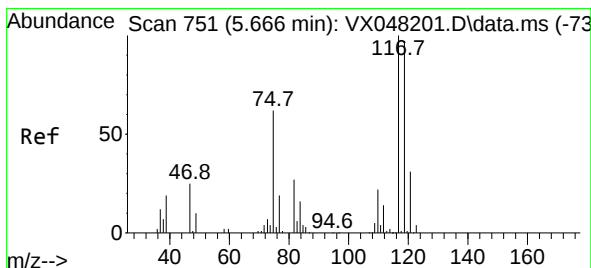
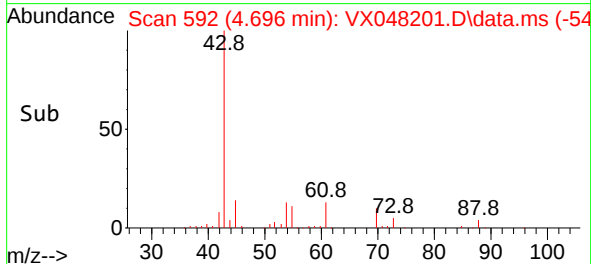
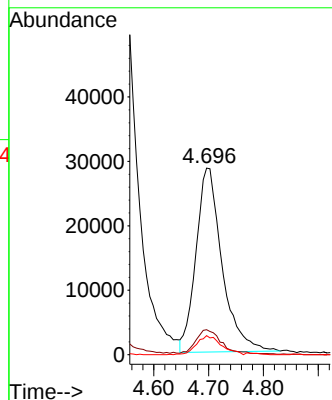
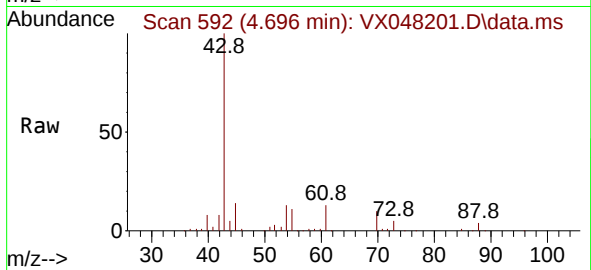




#37  
Ethyl Acetate  
Concen: 51.771 ug/l  
RT: 4.696 min Scan# 592  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

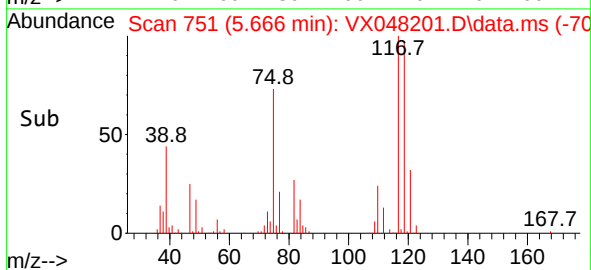
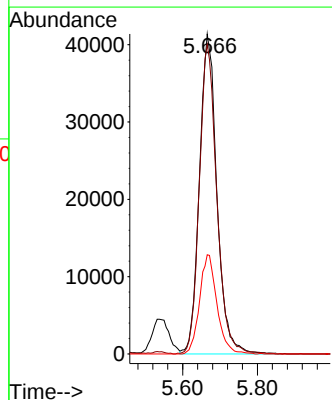
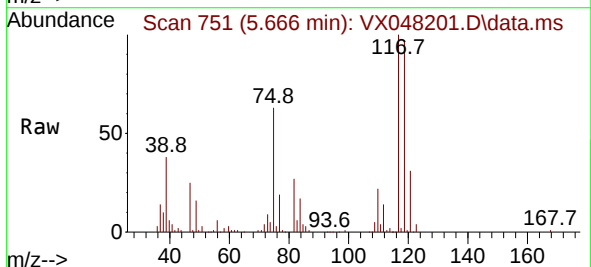
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

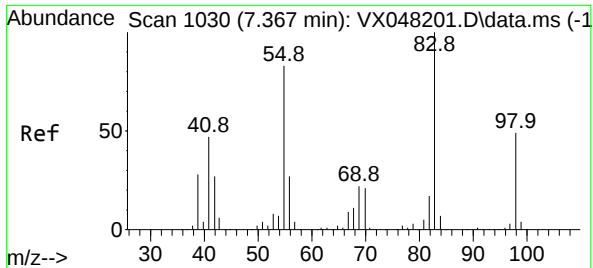
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 94549 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 13.2  | 10.6  | 15.8  |
| 70        | 9.7   | 7.8   | 11.6  |



#38  
Carbon Tetrachloride  
Concen: 51.270 ug/l  
RT: 5.666 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 134481 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.5  | 77.2  | 115.8  |
| 121       | 31.0  | 24.8  | 37.2   |

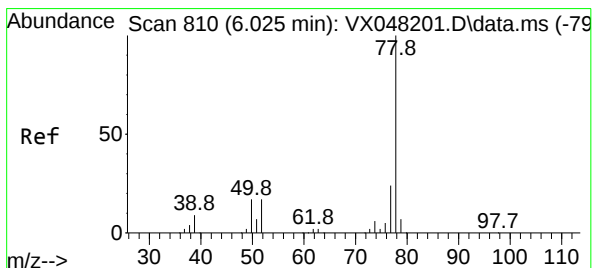
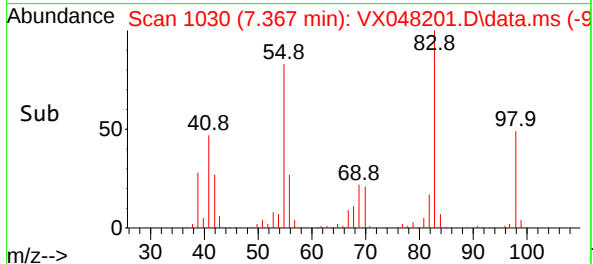
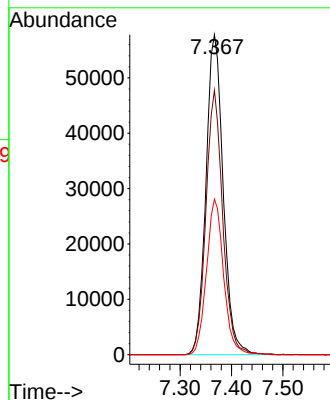
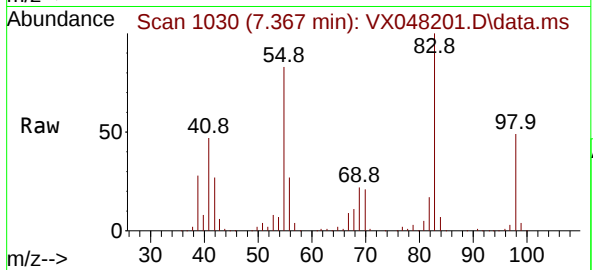




#39  
Methylcyclohexane  
Concen: 52.254 ug/l  
RT: 7.367 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

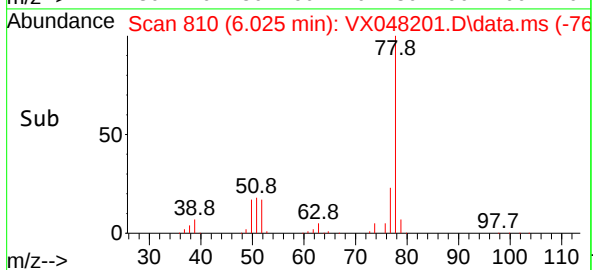
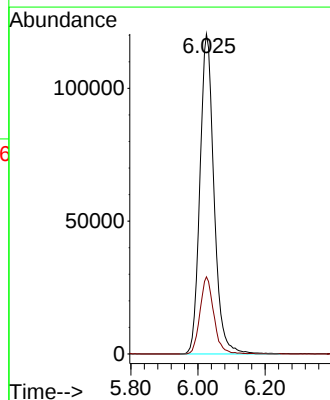
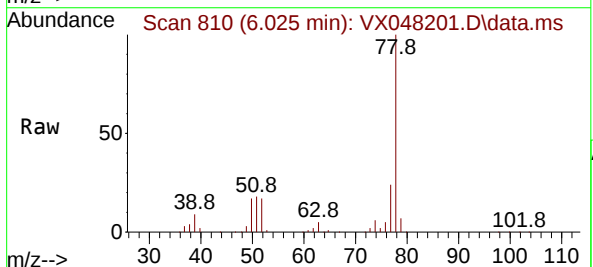
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

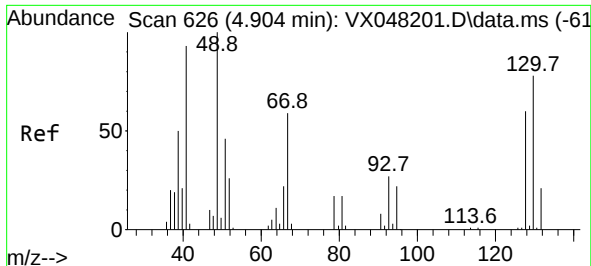
Tgt Ion: 83 Resp: 134638  
Ion Ratio Lower Upper  
83 100  
55 82.7 66.2 99.2  
98 48.6 38.9 58.3



#40  
Benzene  
Concen: 51.556 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 78 Resp: 349840  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.3 28.9



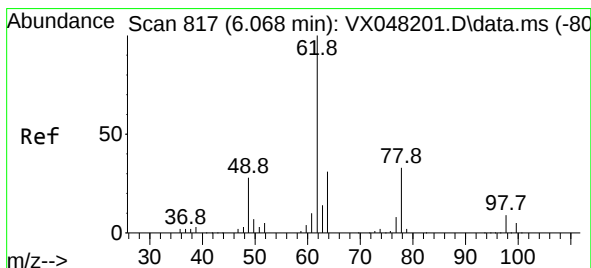
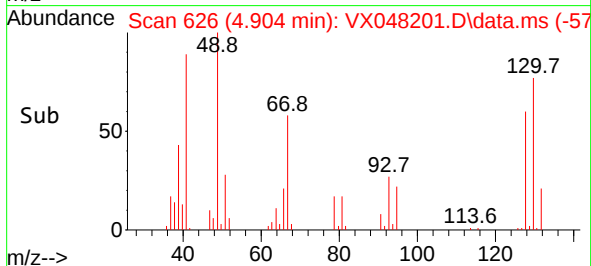
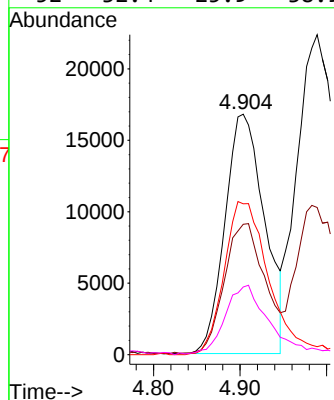
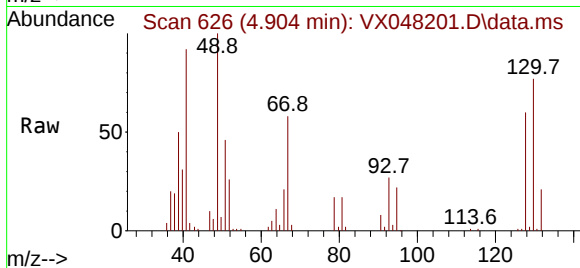


#41  
Methacrylonitrile  
Concen: 54.588 ug/l  
RT: 4.904 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 41 Resp: 53392

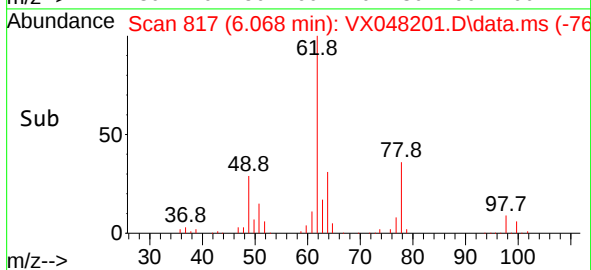
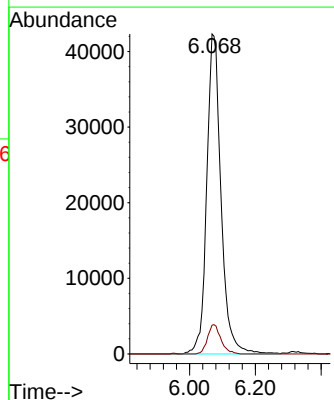
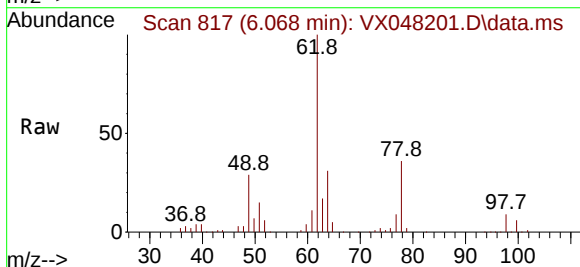
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 55.0  | 44.0  | 66.0  |
| 67  | 73.4  | 58.7  | 88.1  |
| 52  | 32.4  | 25.9  | 38.9  |

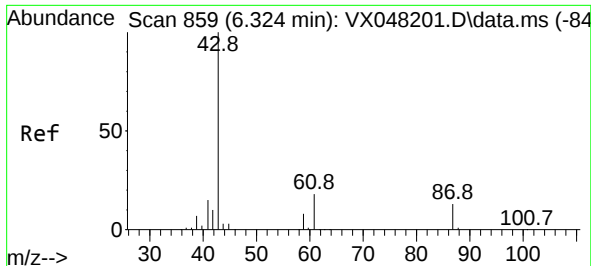


#42  
1,2-Dichloroethane  
Concen: 52.516 ug/l  
RT: 6.068 min Scan# 817  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 62 Resp: 127674

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.6   | 0.0   | 17.2  |

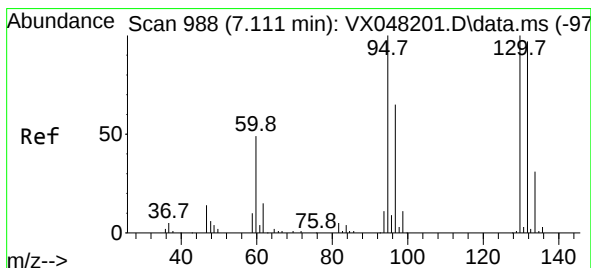
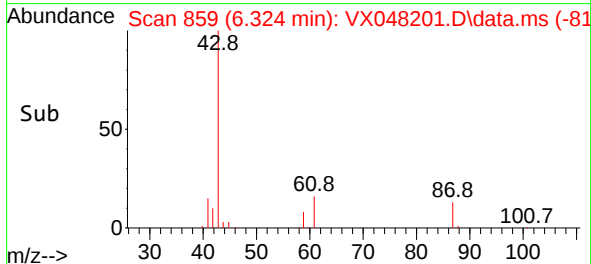
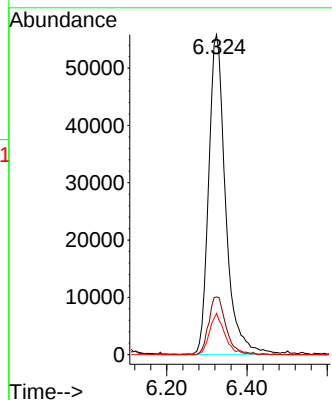
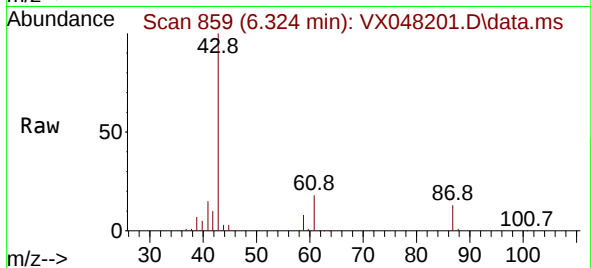




#43  
Isopropyl Acetate  
Concen: 53.135 ug/l  
RT: 6.324 min Scan# 859  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

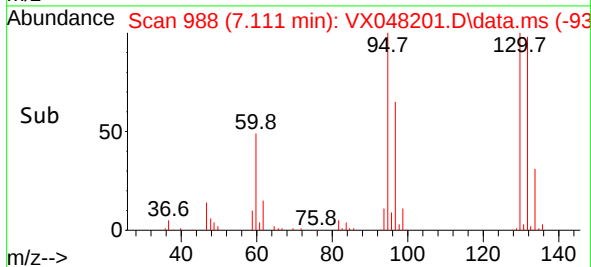
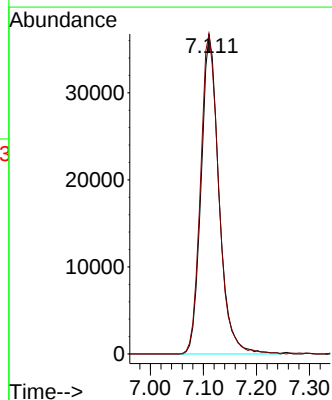
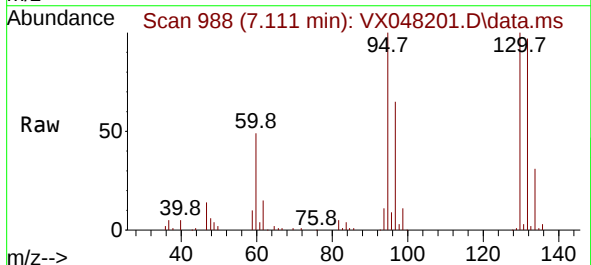
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

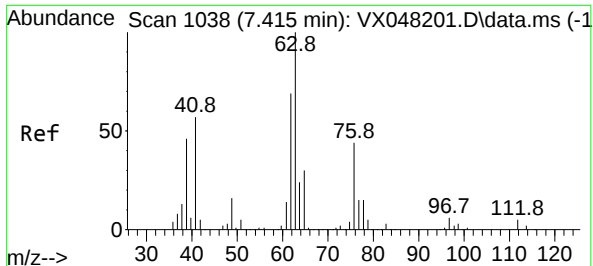
Tgt Ion: 43 Resp: 162898  
Ion Ratio Lower Upper  
43 100  
61 18.6 14.9 22.3  
87 11.8 9.4 14.2



#44  
Trichloroethene  
Concen: 50.188 ug/l  
RT: 7.111 min Scan# 988  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion:130 Resp: 85828  
Ion Ratio Lower Upper  
130 100  
95 100.3 0.0 200.6





#45

1,2-Dichloropropane

Concen: 51.339 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

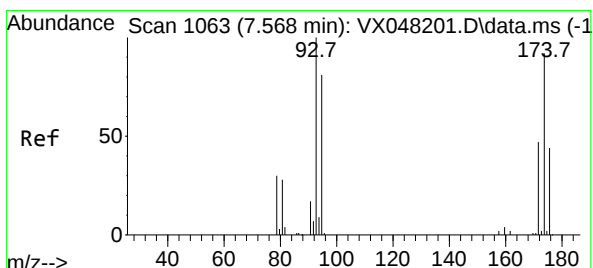
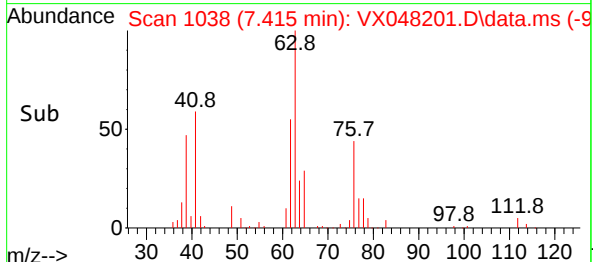
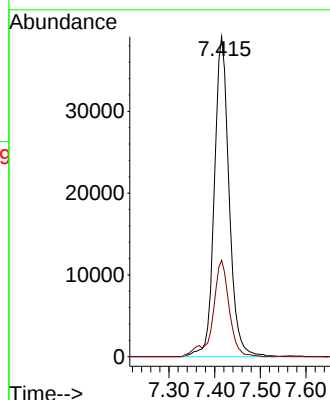
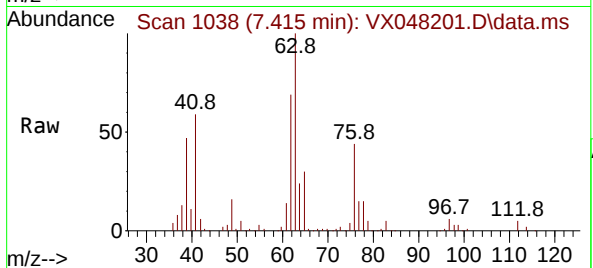
VSTDICCC050

Tgt Ion: 63 Resp: 88167

Ion Ratio Lower Upper

63 100

65 30.1 24.1 36.1



#46

Dibromomethane

Concen: 50.719 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

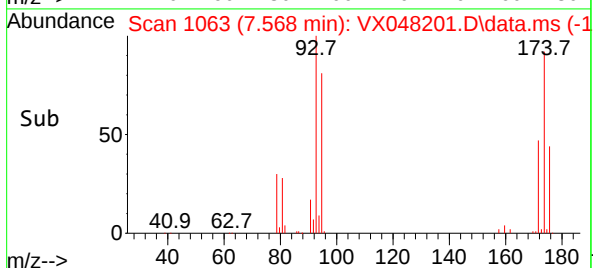
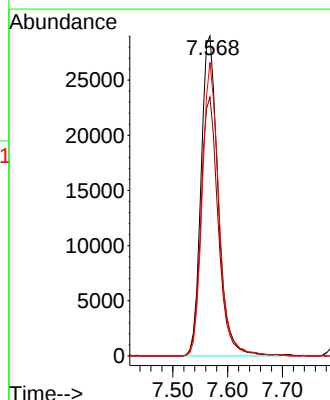
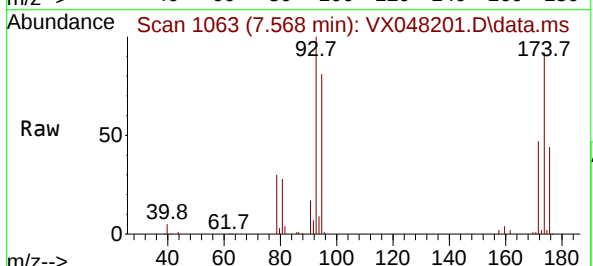
Tgt Ion: 93 Resp: 62671

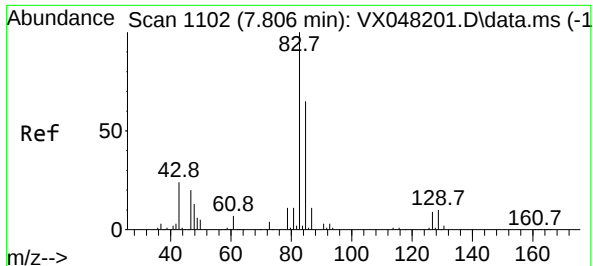
Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

174 89.6 71.7 107.5

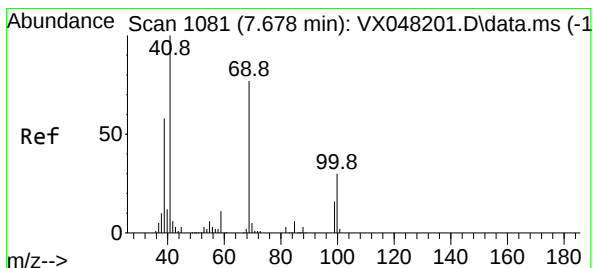
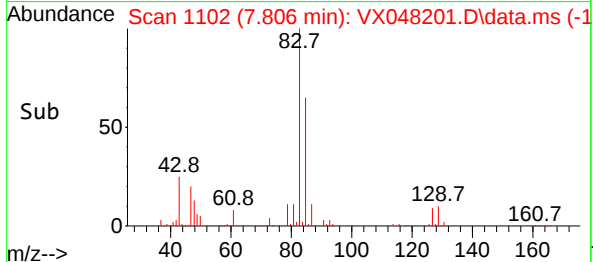
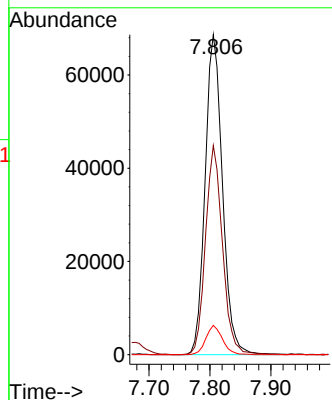
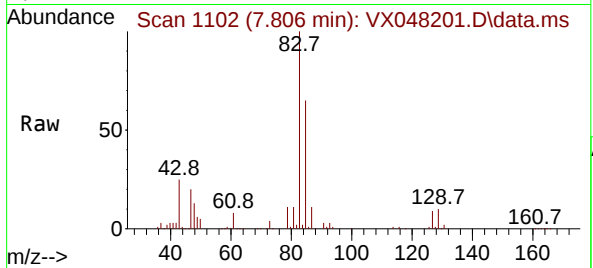




#47  
Bromodichloromethane  
Concen: 50.951 ug/l  
RT: 7.806 min Scan# 1102  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

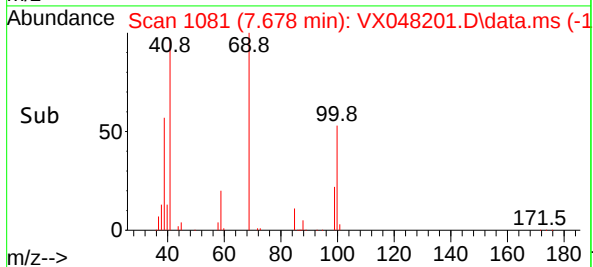
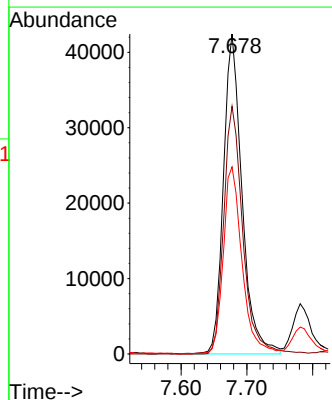
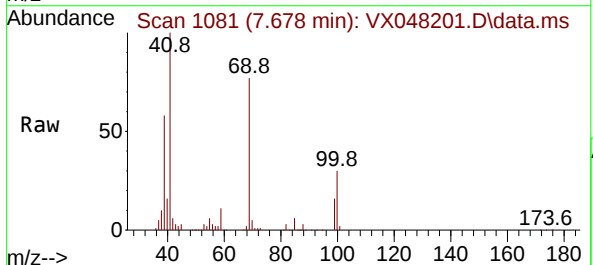
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

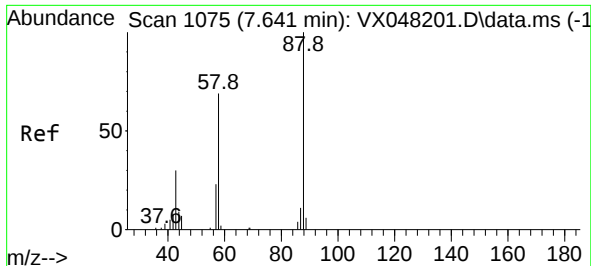
Tgt Ion: 83 Resp: 136069  
Ion Ratio Lower Upper  
83 100  
85 65.3 52.2 78.4  
127 9.1 7.3 10.9



#48  
Methyl methacrylate  
Concen: 53.254 ug/l  
RT: 7.678 min Scan# 1081  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 41 Resp: 83574  
Ion Ratio Lower Upper  
41 100  
69 79.2 63.4 95.0  
39 58.9 47.1 70.7

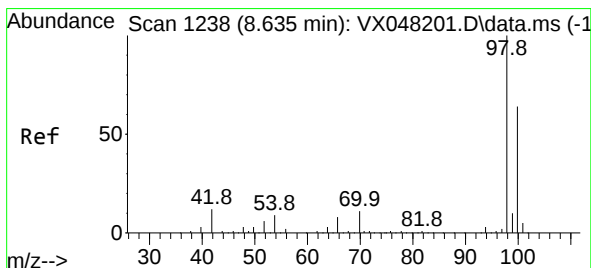
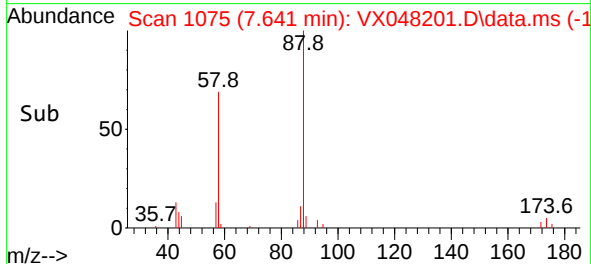
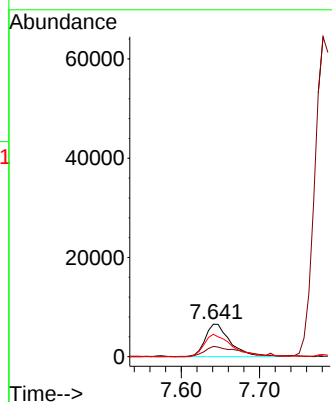
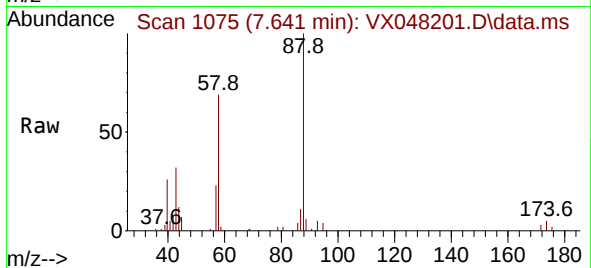




#49  
1,4-Dioxane  
Concen: 1035.490 ug/l  
RT: 7.641 min Scan# 1075  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

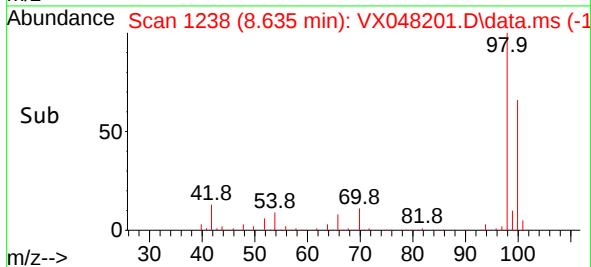
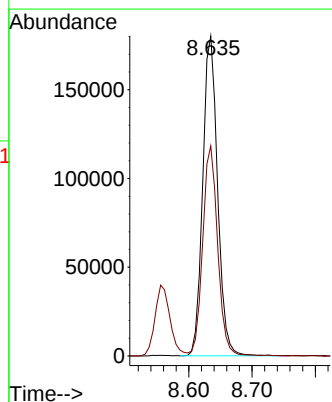
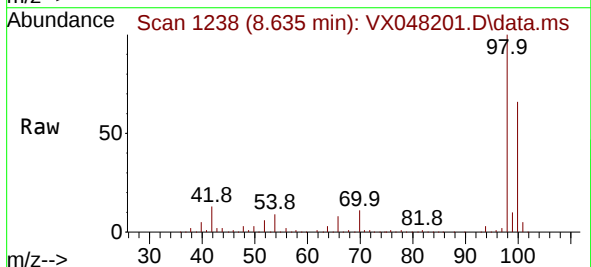
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

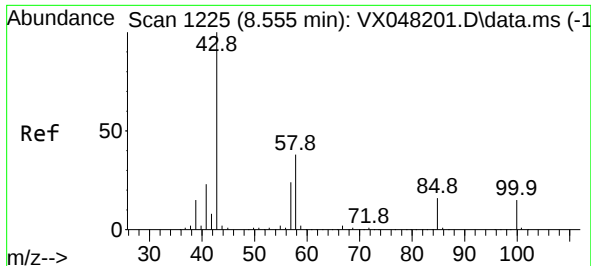
Tgt Ion: 88 Resp: 14628  
Ion Ratio Lower Upper  
88 100  
43 43.7 35.0 52.4  
58 77.4 61.9 92.9



#50  
Toluene-d8  
Concen: 50.468 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 98 Resp: 294942  
Ion Ratio Lower Upper  
98 100  
100 66.2 53.0 79.4

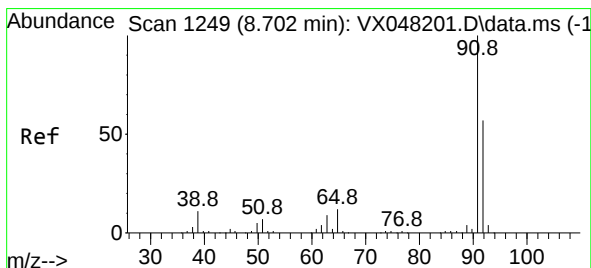
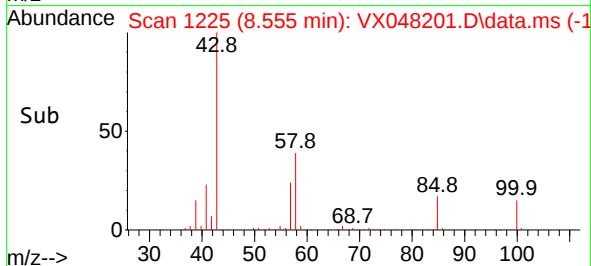
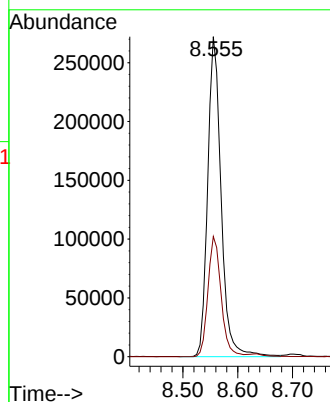
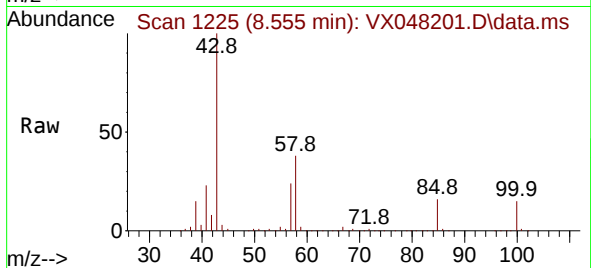




#51  
4-Methyl-2-Pentanone  
Concen: 270.327 ug/l  
RT: 8.555 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

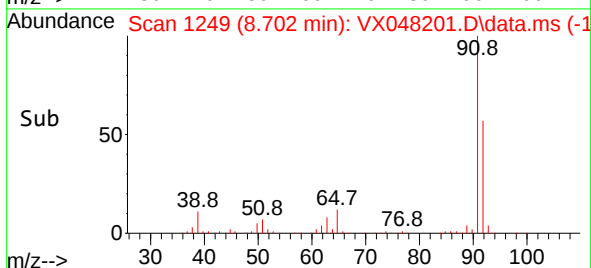
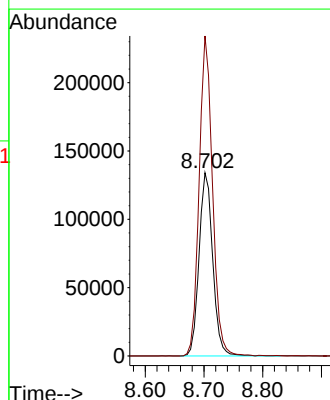
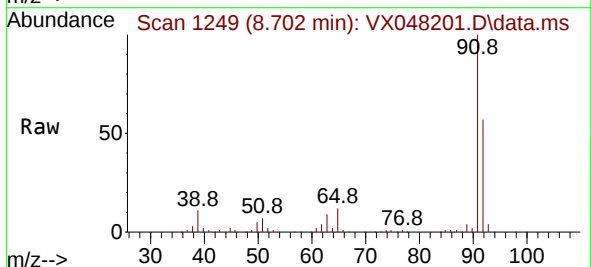
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

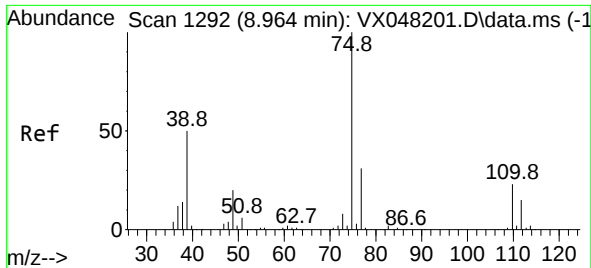
Tgt Ion: 43 Resp: 461163  
Ion Ratio Lower Upper  
43 100  
58 36.9 29.5 44.3



#52  
Toluene  
Concen: 53.129 ug/l  
RT: 8.702 min Scan# 1249  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 92 Resp: 216685  
Ion Ratio Lower Upper  
92 100  
91 170.1 136.1 204.1

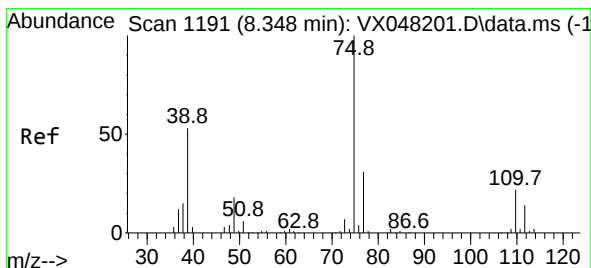
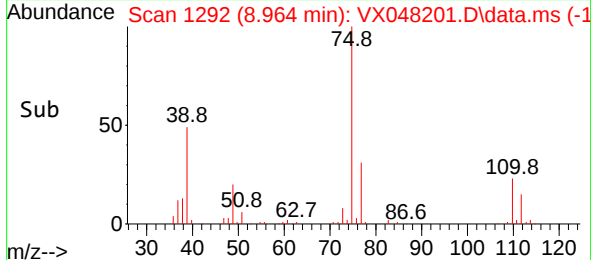
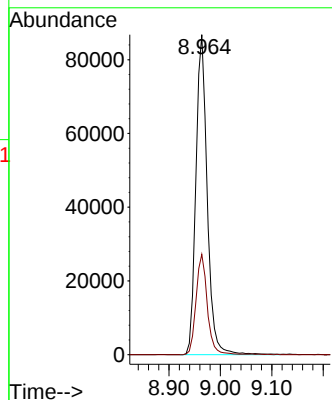
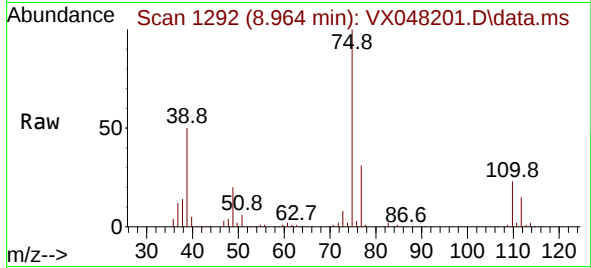




#53  
 t-1,3-Dichloropropene  
 Concen: 53.044 ug/l  
 RT: 8.964 min Scan# 1292  
 Delta R.T. 0.000 min  
 Lab File: VX048201.D  
 Acq: 17 Oct 2025 09:55

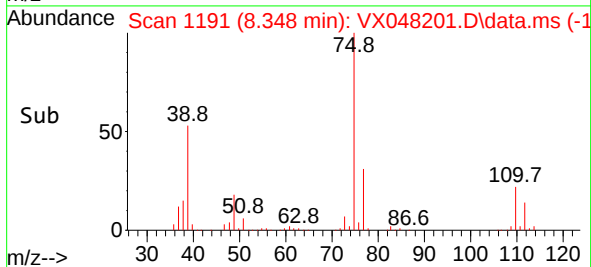
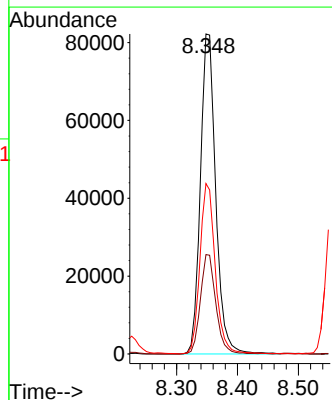
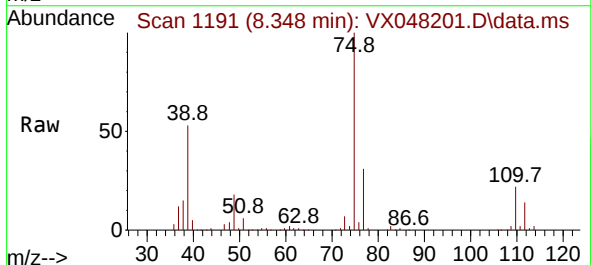
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

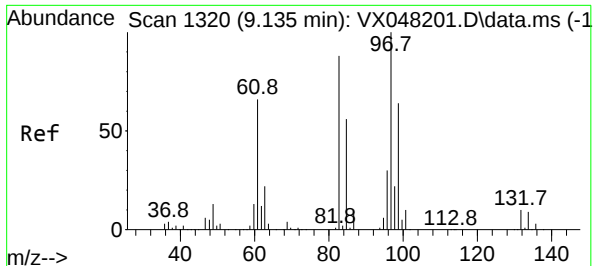
Tgt Ion: 75 Resp: 132711  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.0 37.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.875 ug/l  
 RT: 8.348 min Scan# 1191  
 Delta R.T. 0.000 min  
 Lab File: VX048201.D  
 Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 144189  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 24.9 37.3  
 39 53.3 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 51.449 ug/l

RT: 9.135 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 78292

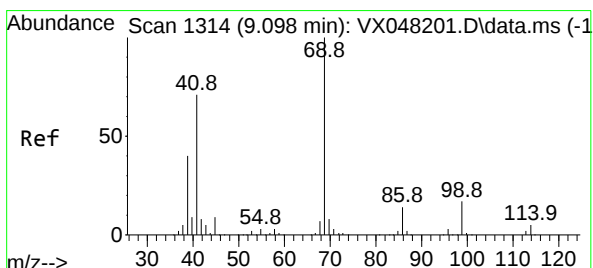
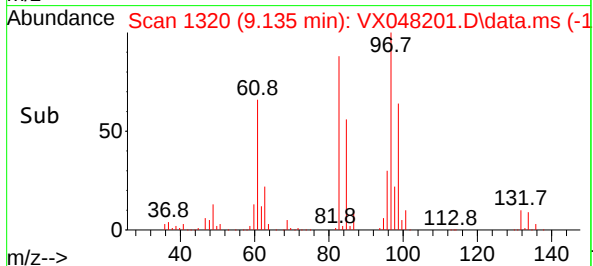
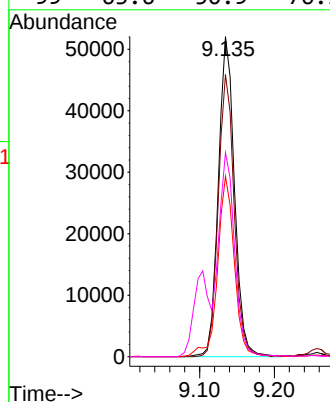
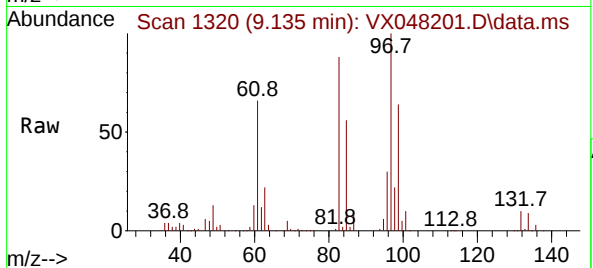
Ion Ratio Lower Upper

97 100

83 88.2 70.6 105.8

85 56.3 45.0 67.6

99 63.6 50.9 76.3



#56

Ethyl methacrylate

Concen: 55.800 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

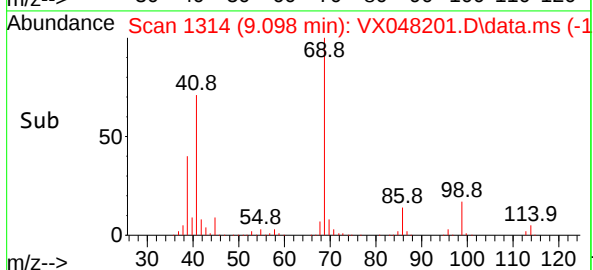
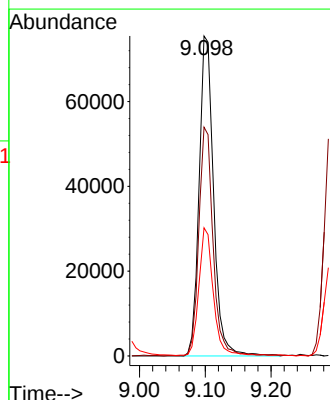
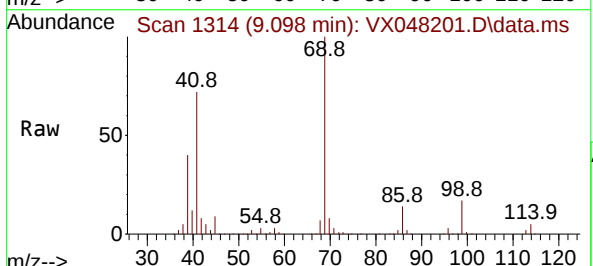
Tgt Ion: 69 Resp: 115491

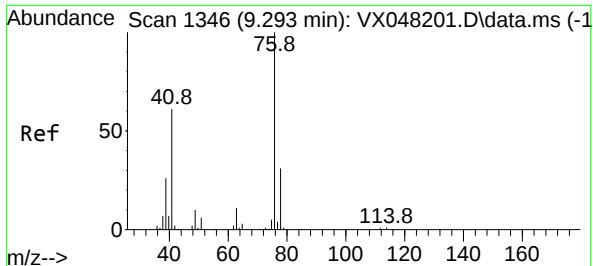
Ion Ratio Lower Upper

69 100

41 70.0 56.0 84.0

39 39.5 31.6 47.4





#57

1,3-Dichloropropane

Concen: 51.742 ug/l

RT: 9.293 min Scan# 11346

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

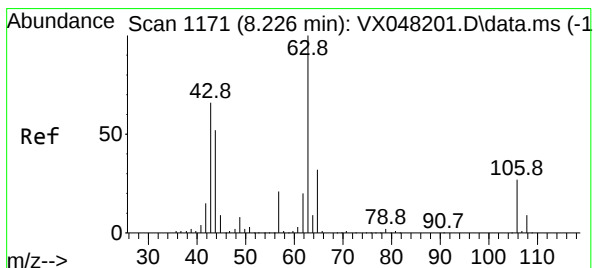
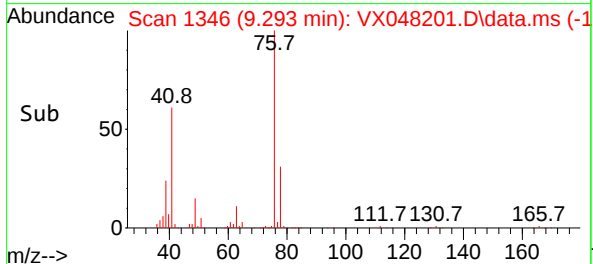
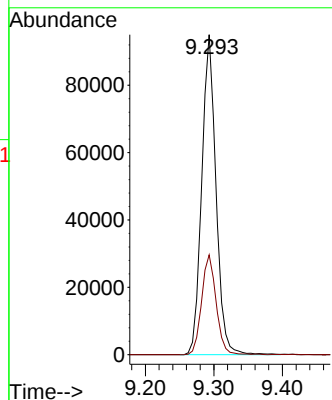
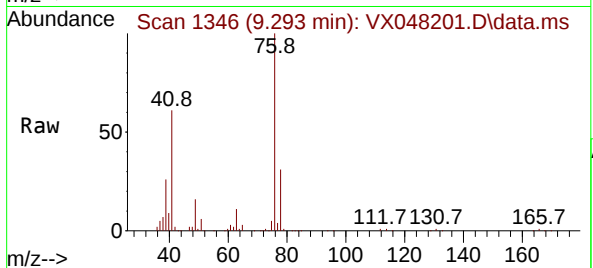
VSTDICCC050

Tgt Ion: 76 Resp: 137565

Ion Ratio Lower Upper

76 100

78 31.7 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 237.498 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048201.D

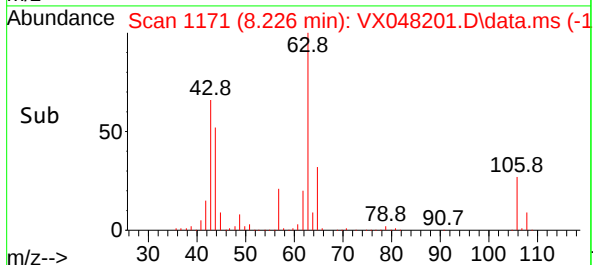
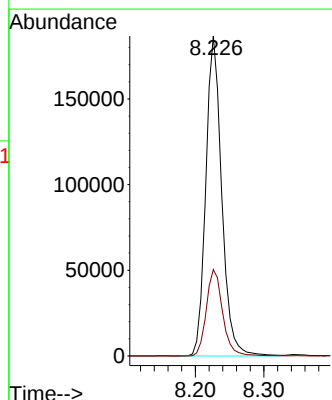
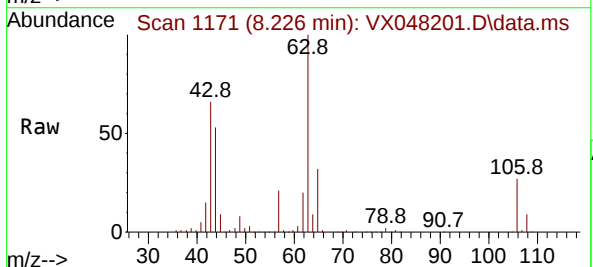
Acq: 17 Oct 2025 09:55

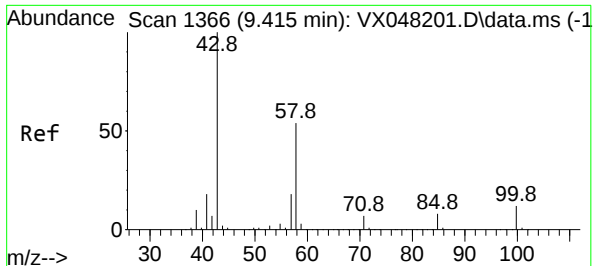
Tgt Ion: 63 Resp: 301874

Ion Ratio Lower Upper

63 100

106 27.7 22.2 33.2





#59

2-Hexanone

Concen: 271.214 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

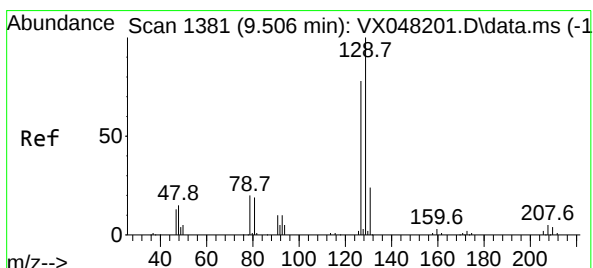
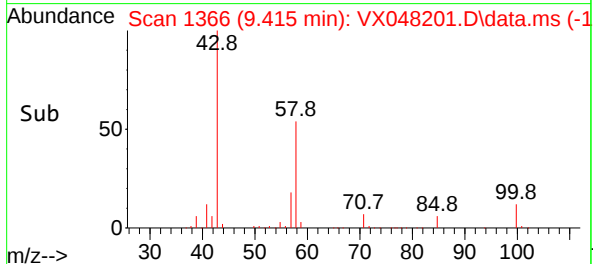
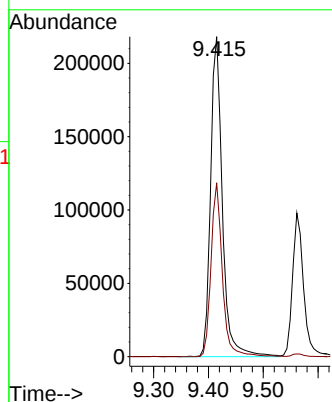
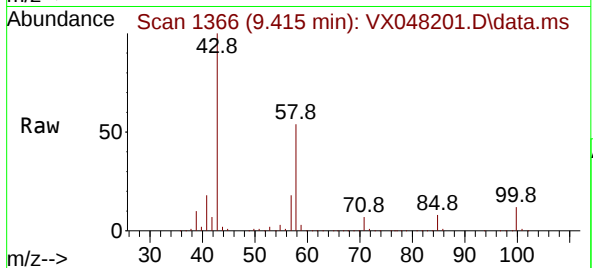
VSTDICCC050

Tgt Ion: 43 Resp: 323629

Ion Ratio Lower Upper

43 100

58 52.5 26.3 78.8



#60

Dibromochloromethane

Concen: 52.070 ug/l

RT: 9.506 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VX048201.D

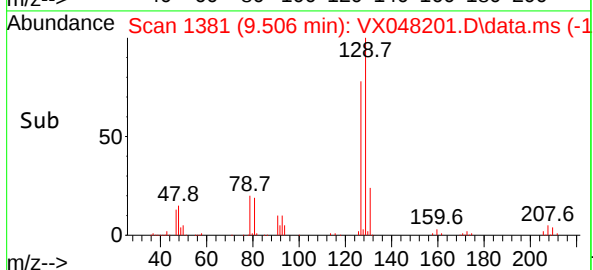
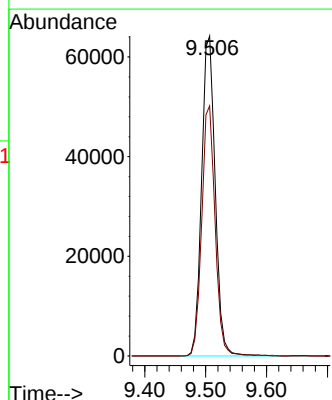
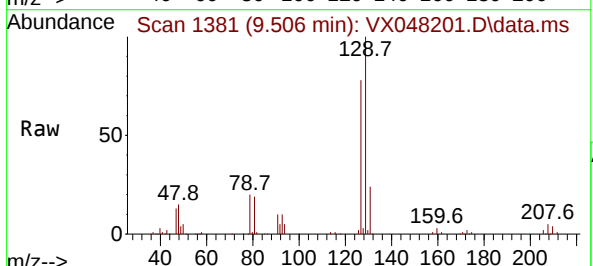
Acq: 17 Oct 2025 09:55

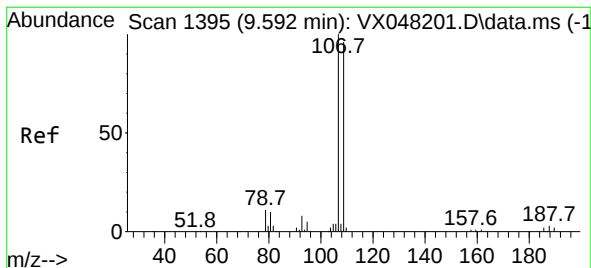
Tgt Ion: 129 Resp: 99180

Ion Ratio Lower Upper

129 100

127 77.1 38.6 115.7





#61

1,2-Dibromoethane

Concen: 51.792 ug/l

RT: 9.592 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

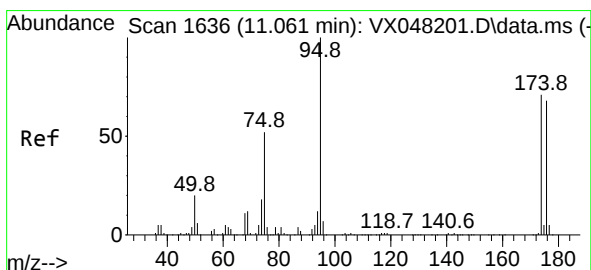
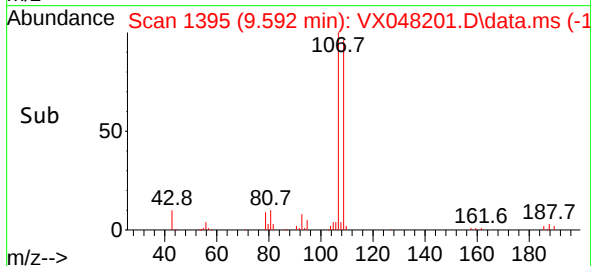
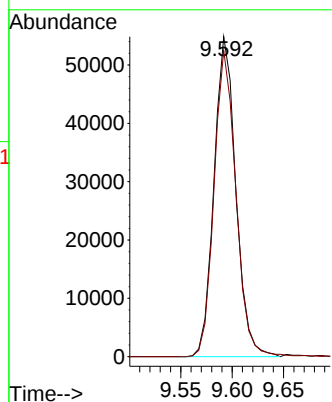
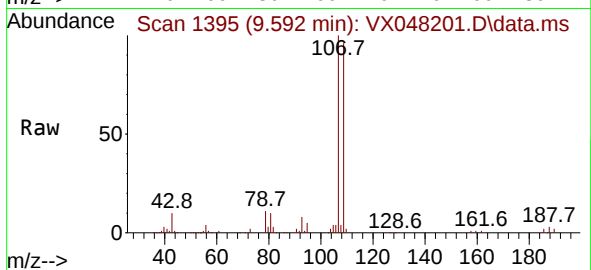
VSTDICCC050

Tgt Ion:107 Resp: 80814

Ion Ratio Lower Upper

107 100

109 96.2 77.0 115.4



#62

4-Bromofluorobenzene

Concen: 49.416 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

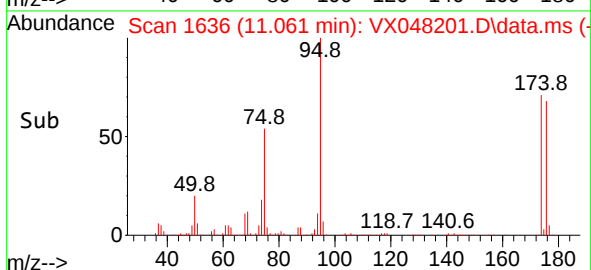
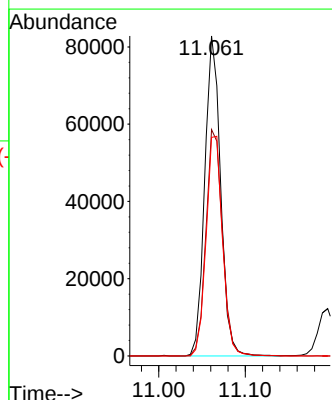
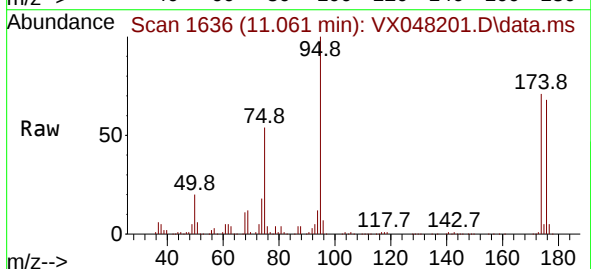
Tgt Ion: 95 Resp: 105186

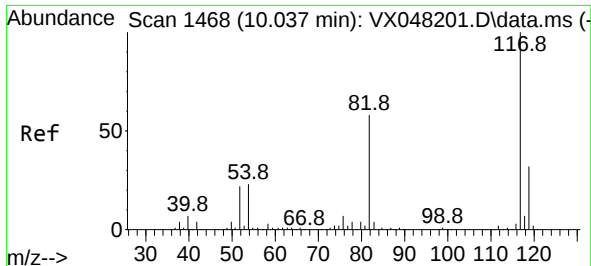
Ion Ratio Lower Upper

95 100

174 73.9 0.0 147.8

176 71.4 0.0 142.8



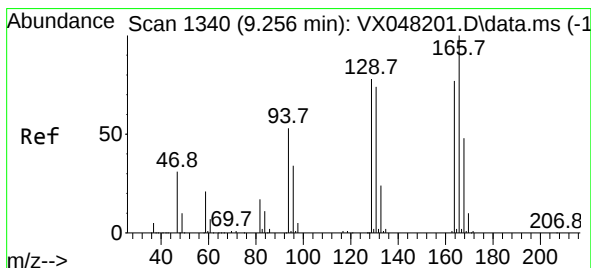
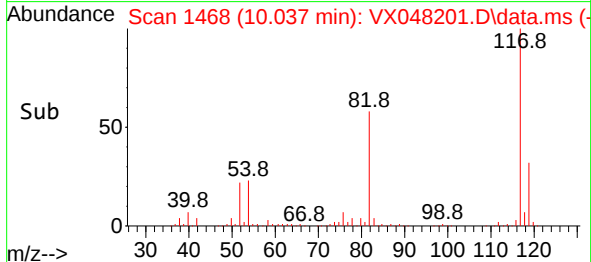
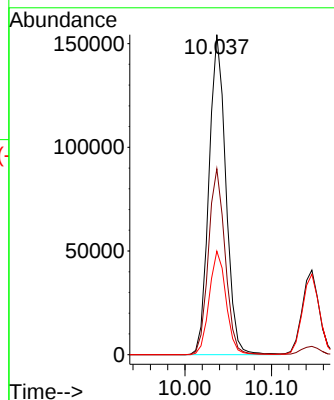
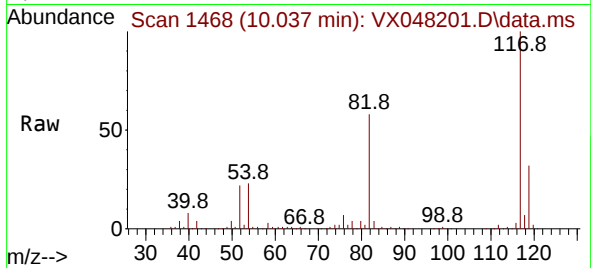


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Instrument : MSVOA\_X  
ClientSampleId : VSTDICCC050

Tgt Ion:117 Resp: 208719

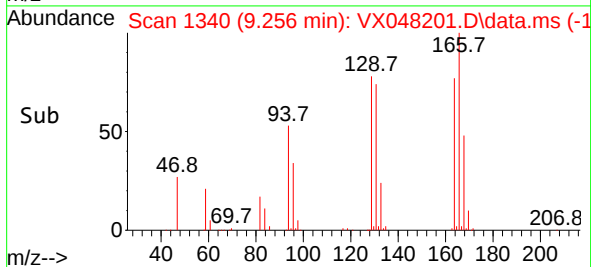
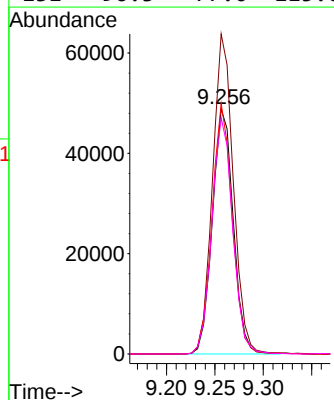
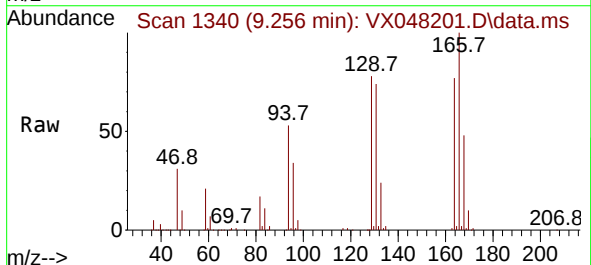
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 58.1  | 46.5  | 69.7  |
| 119 | 32.4  | 25.9  | 38.9  |

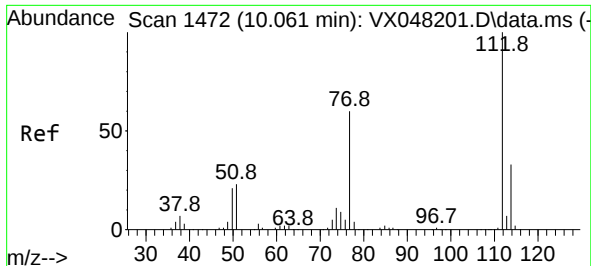


#64  
Tetrachloroethene  
Concen: 49.965 ug/l  
RT: 9.256 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion:164 Resp: 73122

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 130.6 | 104.5 | 156.7 |
| 129 | 102.2 | 81.8  | 122.6 |
| 131 | 96.3  | 77.0  | 115.6 |

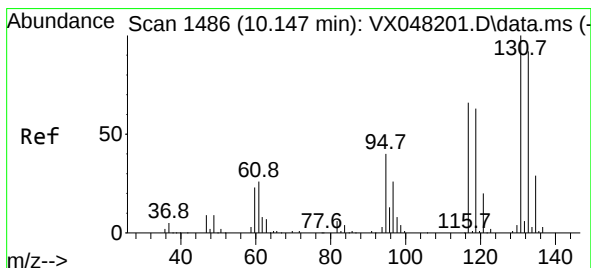
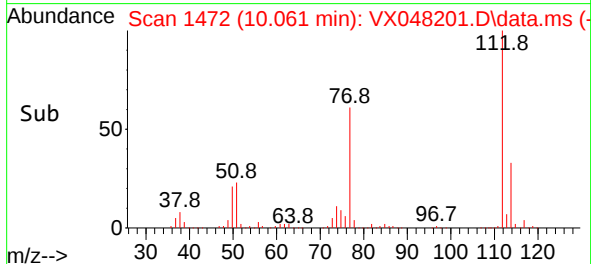
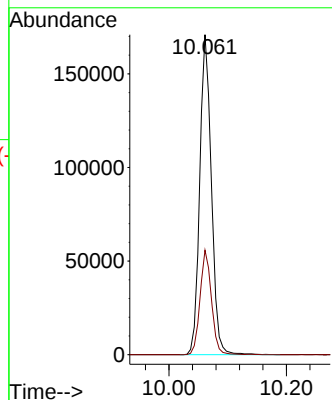
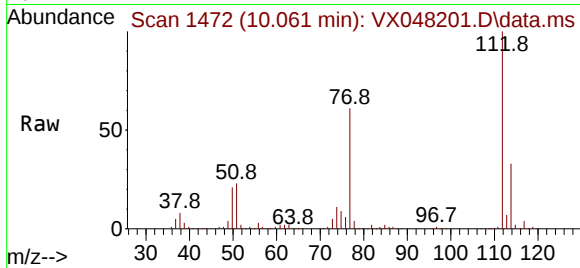




#65  
Chlorobenzene  
Concen: 51.440 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

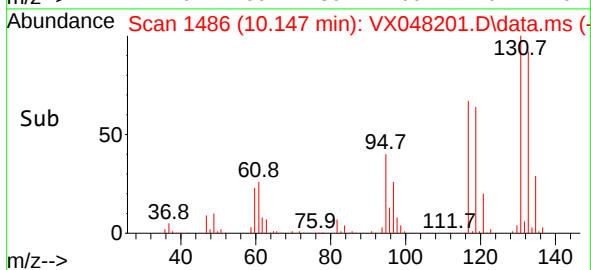
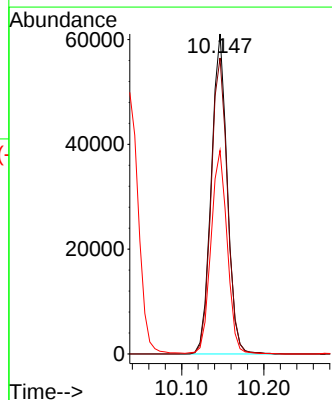
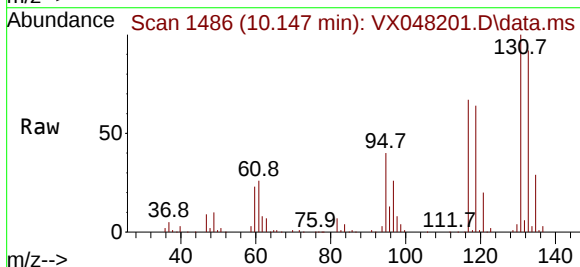
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

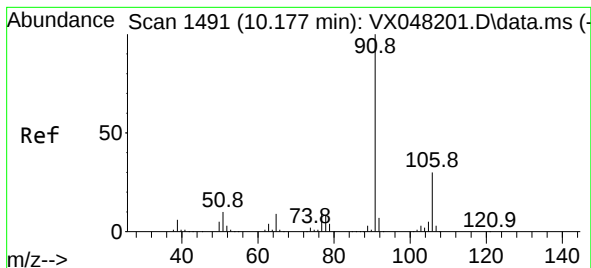
Tgt Ion:112 Resp: 234754  
Ion Ratio Lower Upper  
112 100  
114 32.7 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.061 ug/l  
RT: 10.147 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion:131 Resp: 82328  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.6 142.8  
119 65.0 32.5 97.5





#67

Ethyl Benzene

Concen: 52.808 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

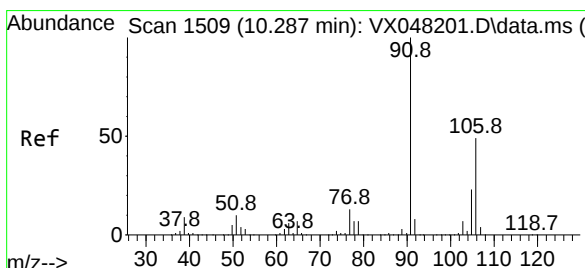
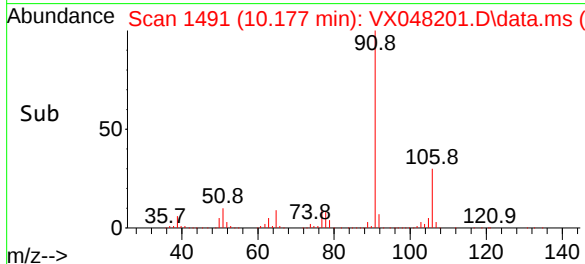
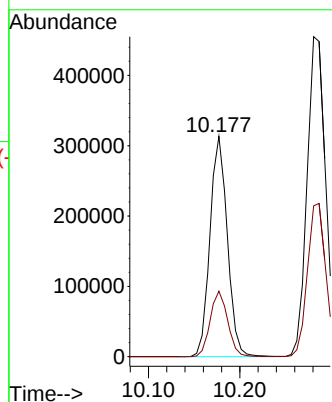
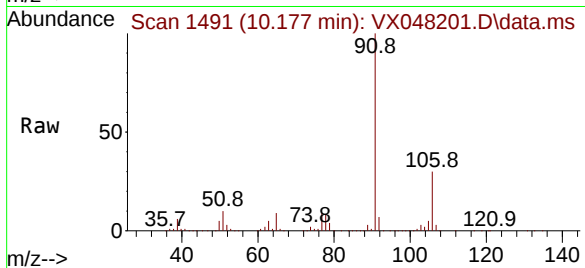
VSTDICCC050

Tgt Ion: 91 Resp: 413167

Ion Ratio Lower Upper

91 100

106 29.7 23.8 35.6



#68

m/p-Xylenes

Concen: 106.125 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VX048201.D

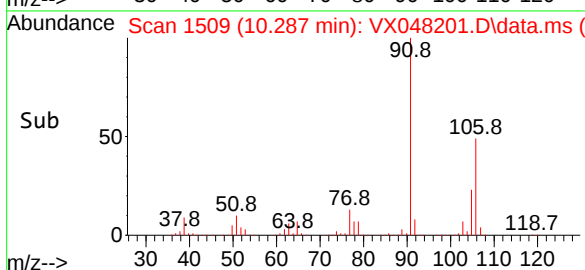
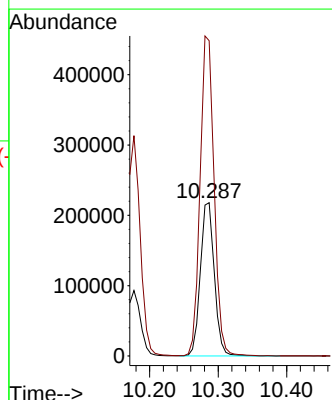
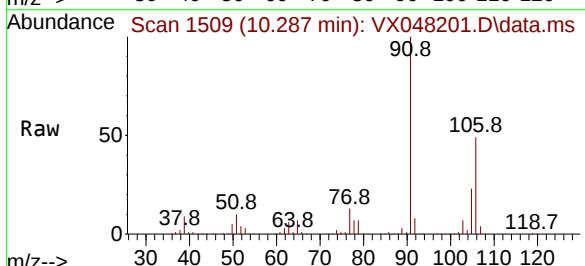
Acq: 17 Oct 2025 09:55

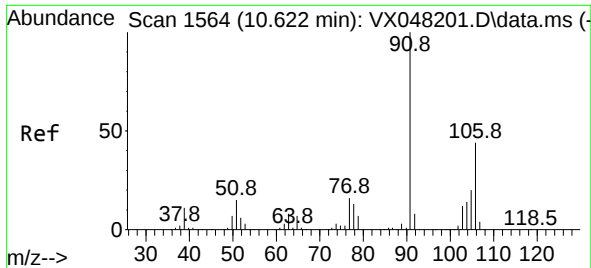
Tgt Ion:106 Resp: 309325

Ion Ratio Lower Upper

106 100

91 209.9 167.9 251.9

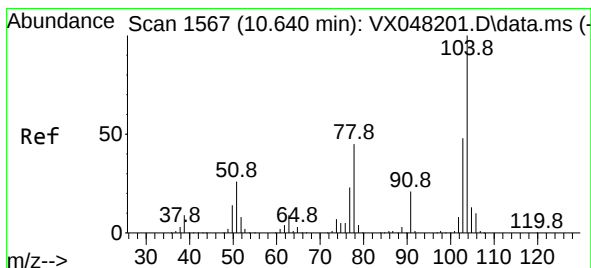
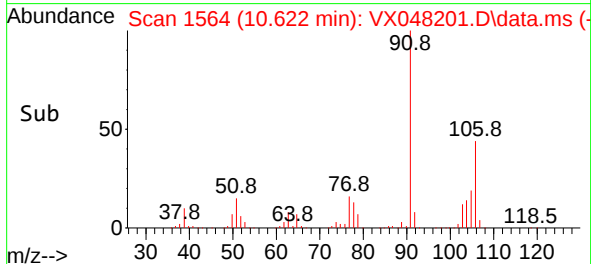
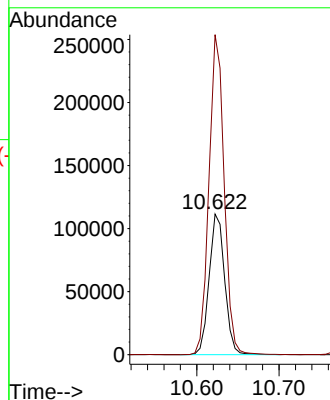
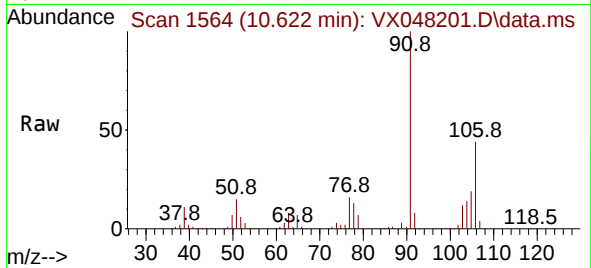




#69  
o-Xylene  
Concen: 53.330 ug/l  
RT: 10.622 min Scan# 1564  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

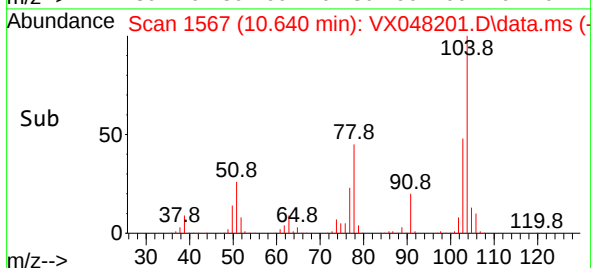
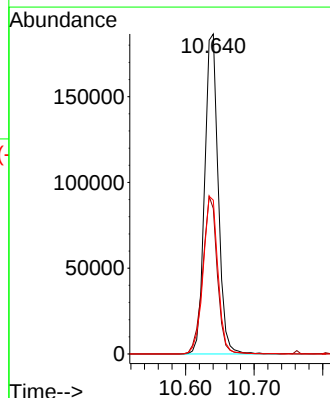
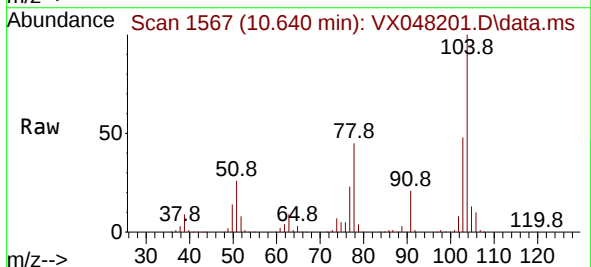
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

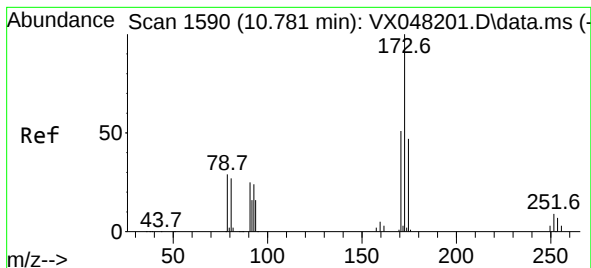
Tgt Ion:106 Resp: 146328  
Ion Ratio Lower Upper  
106 100  
91 222.6 111.3 333.9



#70  
Styrene  
Concen: 54.486 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion:104 Resp: 257332  
Ion Ratio Lower Upper  
104 100  
78 52.8 42.2 63.4  
103 53.7 43.0 64.4





#71

Bromoform

Concen: 51.573 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

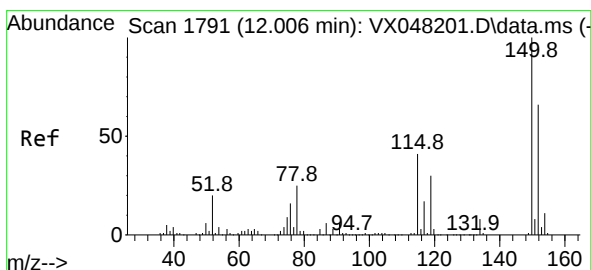
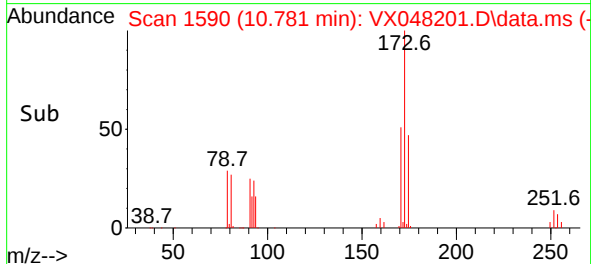
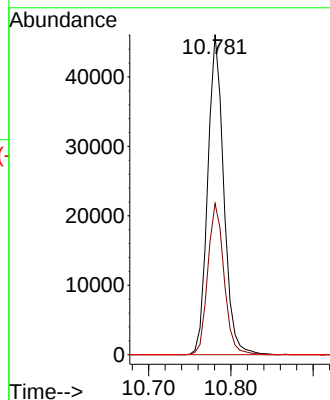
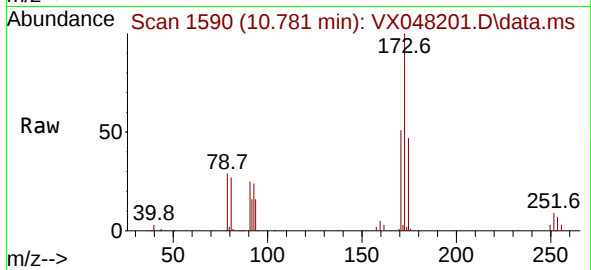
Tgt Ion:173 Resp: 62282

Ion Ratio Lower Upper

173 100

175 48.0 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: VX048201.D

Acq: 17 Oct 2025 09:55

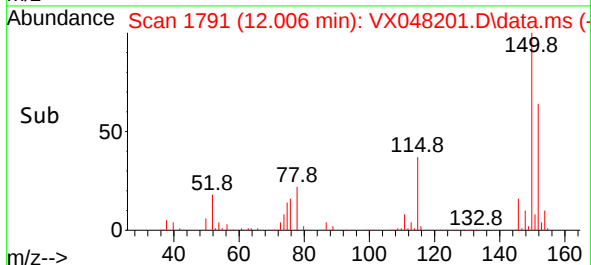
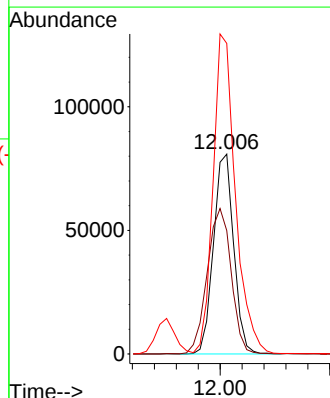
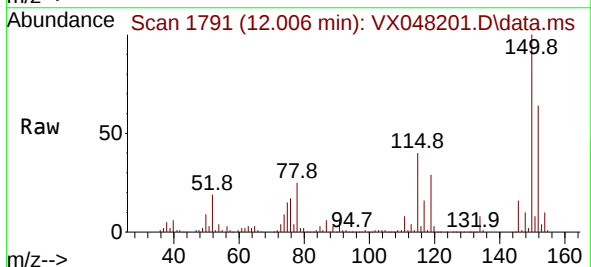
Tgt Ion:152 Resp: 103673

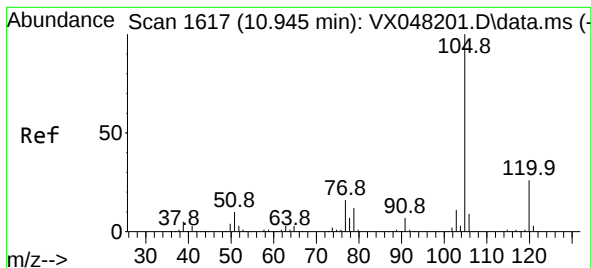
Ion Ratio Lower Upper

152 100

115 86.3 43.1 129.4

150 176.5 0.0 353.0





#73

Isopropylbenzene

Concen: 53.140 ug/l

RT: 10.945 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

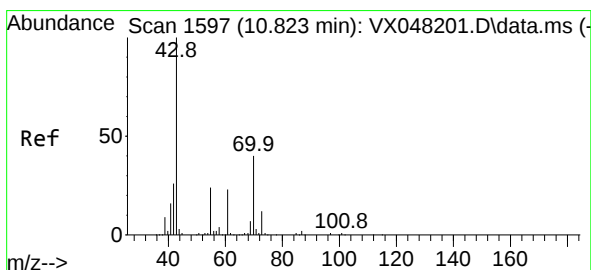
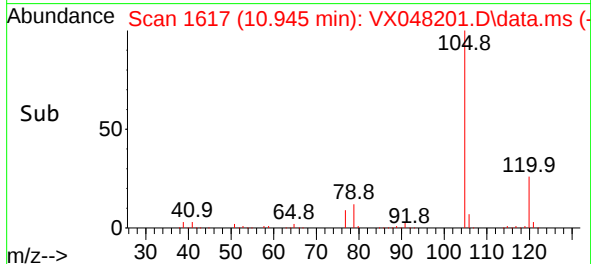
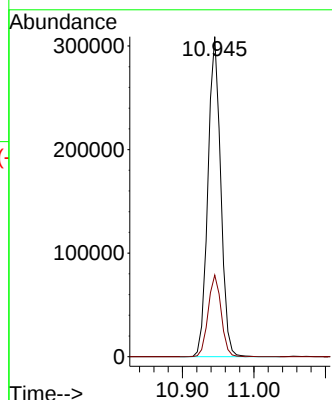
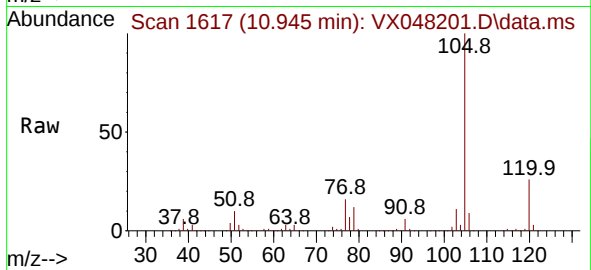
VSTDICCC050

Tgt Ion:105 Resp: 383184

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 53.500 ug/l

RT: 10.823 min Scan# 1597

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 143916

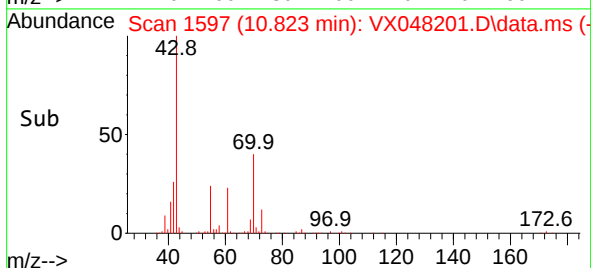
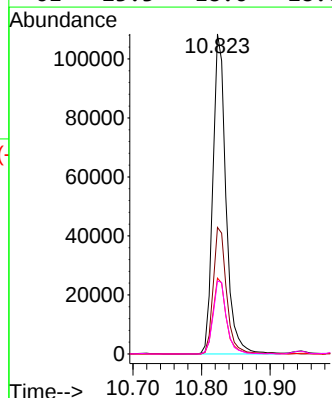
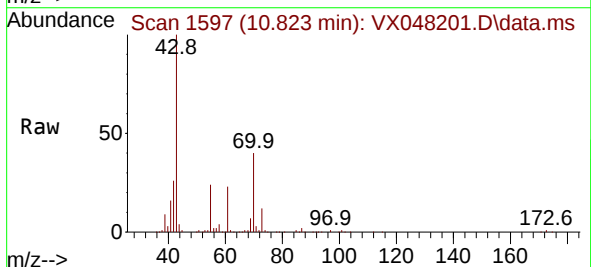
Ion Ratio Lower Upper

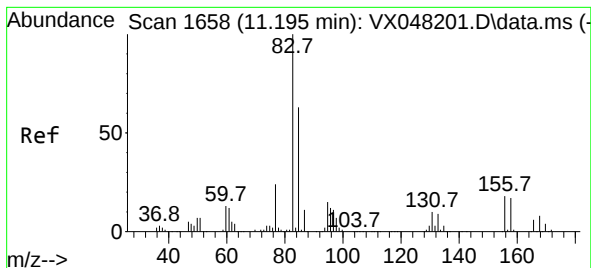
43 100

70 40.2 32.2 48.2

55 23.9 19.1 28.7

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.513 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

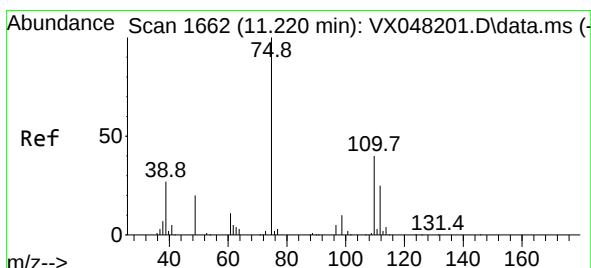
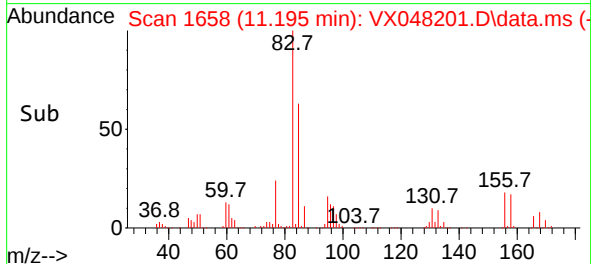
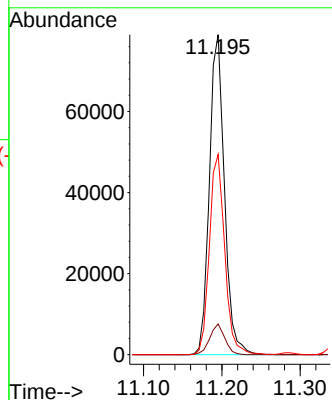
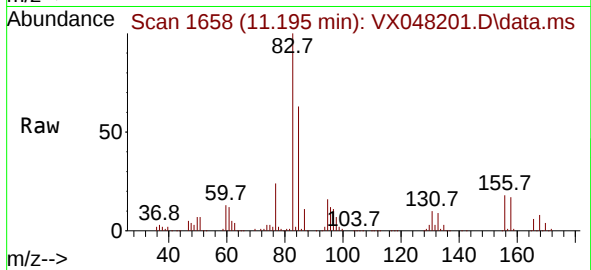
Tgt Ion: 83 Resp: 105230

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

85 63.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 72.768 ug/l

RT: 11.220 min Scan# 1662

Delta R.T. 0.000 min

Lab File: VX048201.D

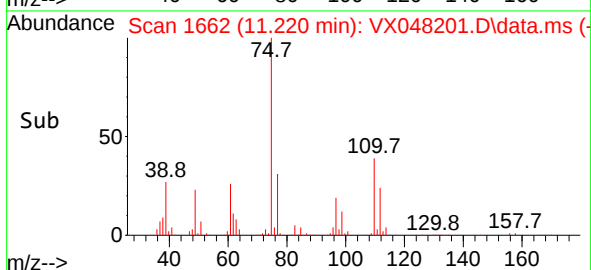
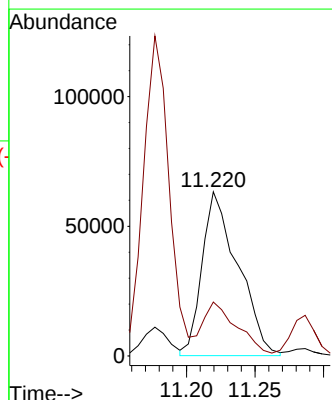
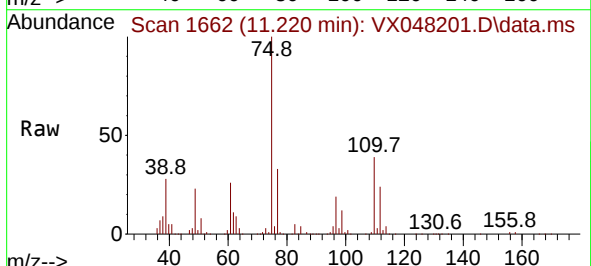
Acq: 17 Oct 2025 09:55

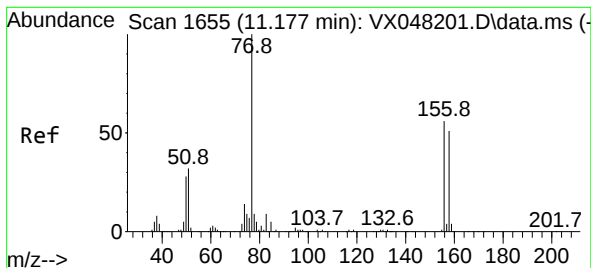
Tgt Ion: 75 Resp: 115200

Ion Ratio Lower Upper

75 100

77 32.3 22.4 67.2





#77

Bromobenzene

Concen: 51.377 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

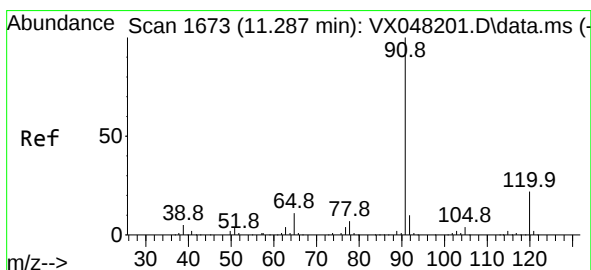
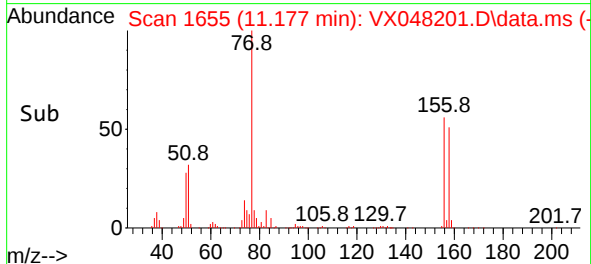
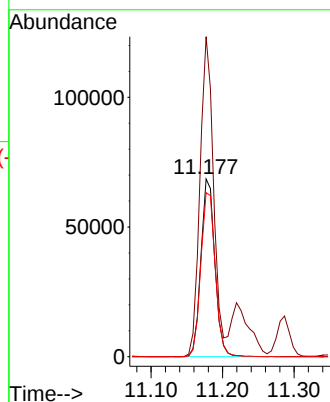
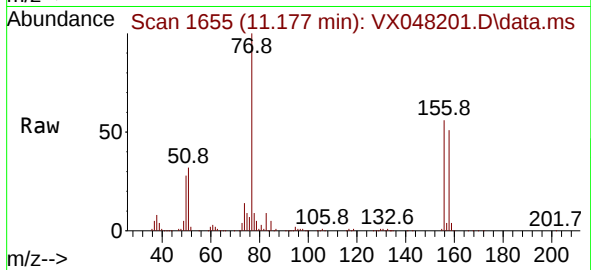
Tgt Ion:156 Resp: 92708

Ion Ratio Lower Upper

156 100

77 174.0 87.0 261.0

158 95.6 47.8 143.4



#78

n-propylbenzene

Concen: 52.775 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048201.D

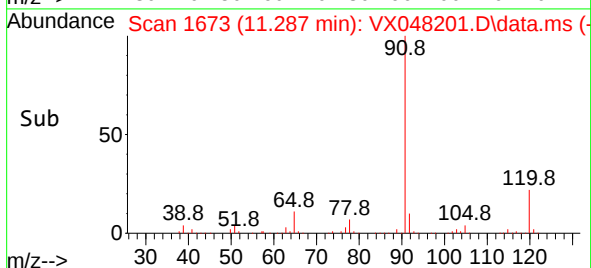
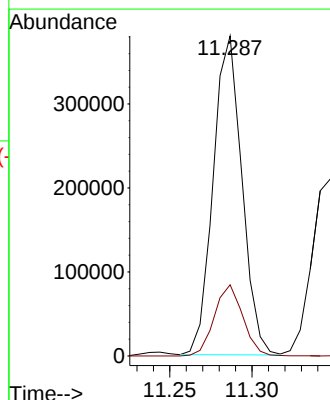
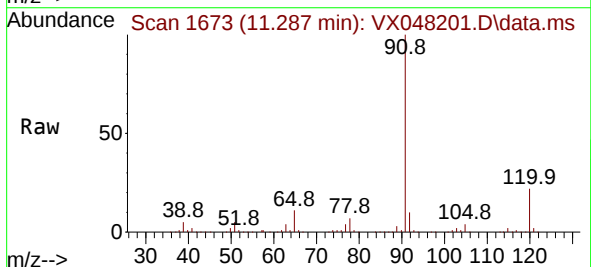
Acq: 17 Oct 2025 09:55

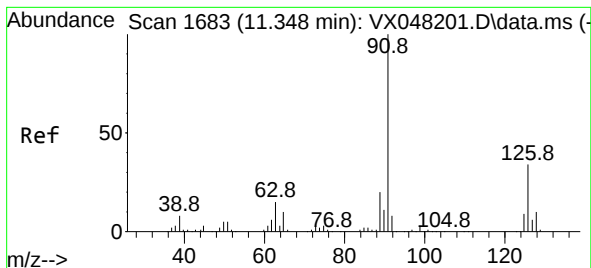
Tgt Ion: 91 Resp: 461479

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.1





#79

2-Chlorotoluene

Concen: 51.065 ug/l

RT: 11.348 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

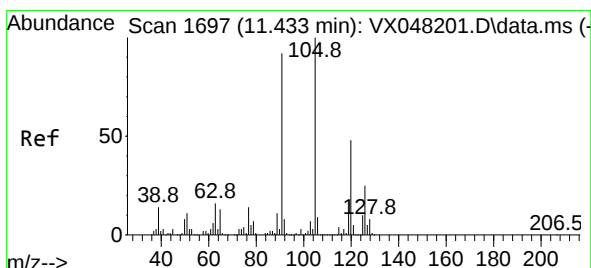
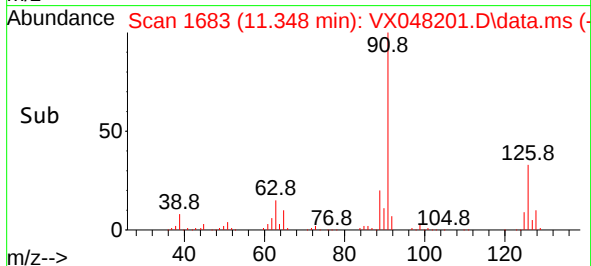
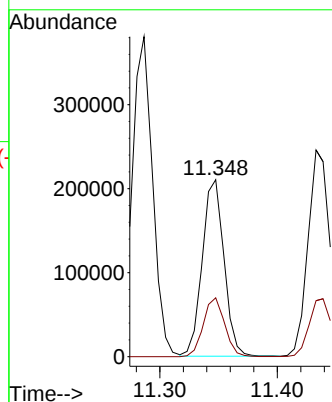
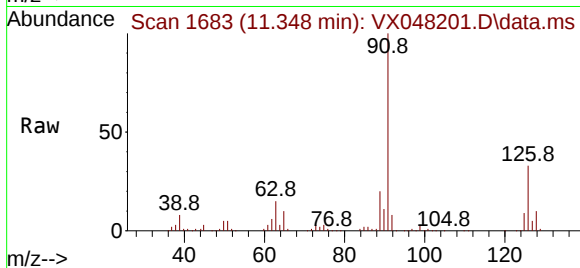
VSTDICCC050

Tgt Ion: 91 Resp: 269780

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 53.099 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VX048201.D

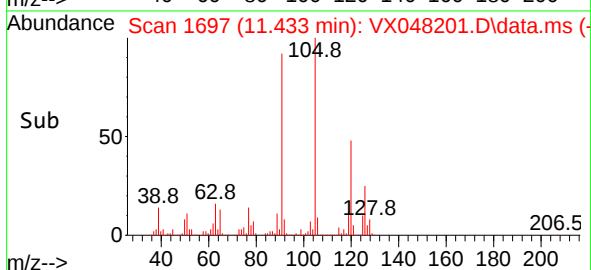
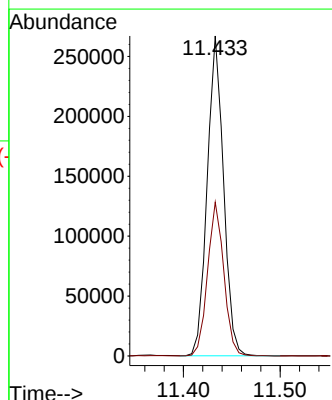
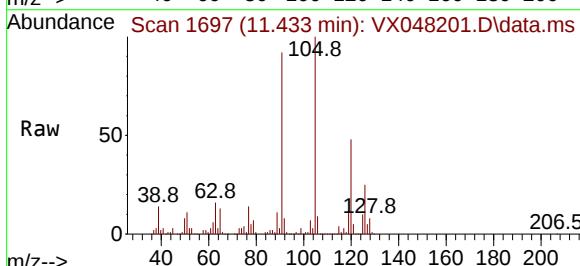
Acq: 17 Oct 2025 09:55

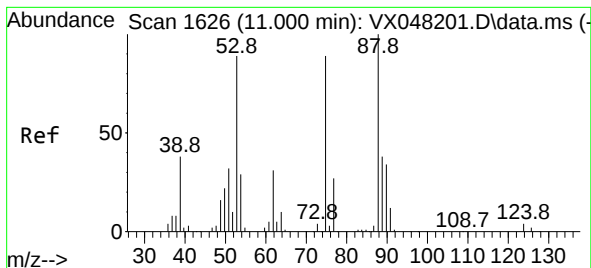
Tgt Ion: 105 Resp: 314287

Ion Ratio Lower Upper

105 100

120 48.0 24.0 72.0

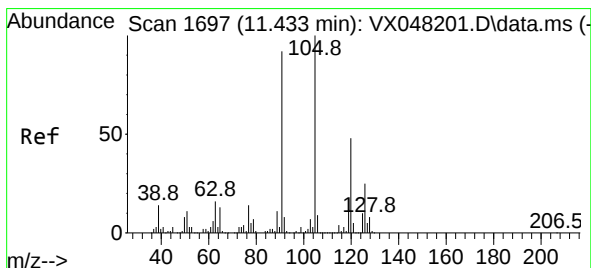
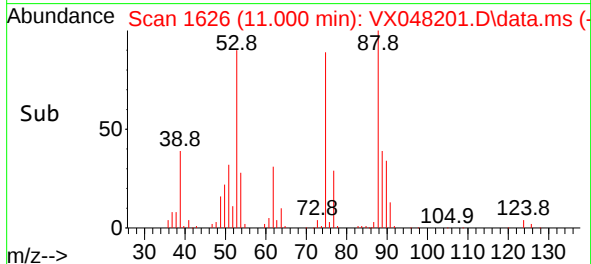
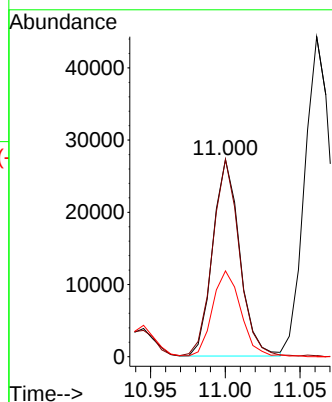
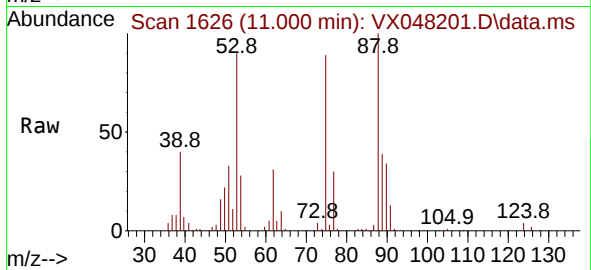




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.874 ug/l  
RT: 11.000 min Scan# 1626  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

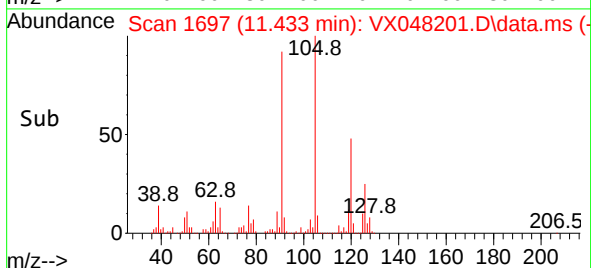
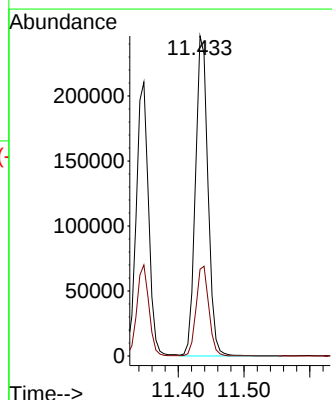
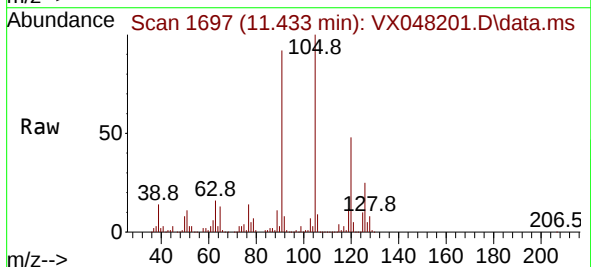
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

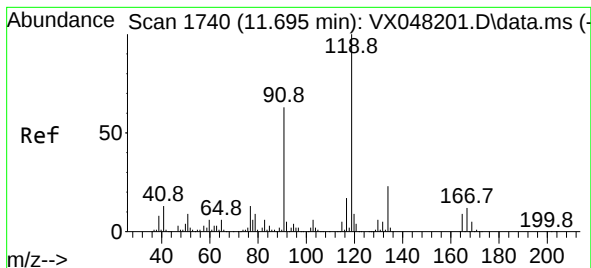
Tgt Ion: 75 Resp: 34185  
Ion Ratio Lower Upper  
75 100  
53 99.4 79.5 119.3  
89 46.0 36.8 55.2



#82  
4-Chlorotoluene  
Concen: 52.395 ug/l  
RT: 11.433 min Scan# 1697  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 91 Resp: 325295  
Ion Ratio Lower Upper  
91 100  
126 28.3 14.1 42.4





#83

tert-Butylbenzene

Concen: 51.367 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

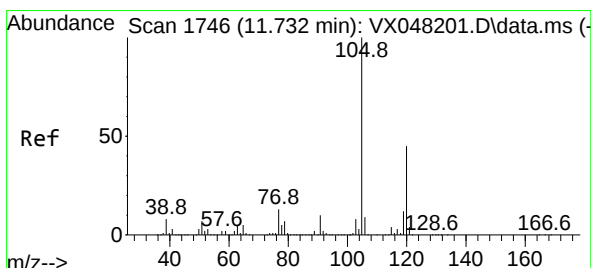
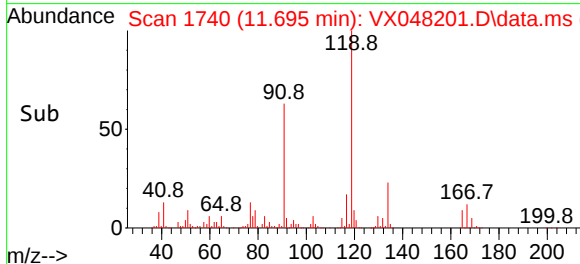
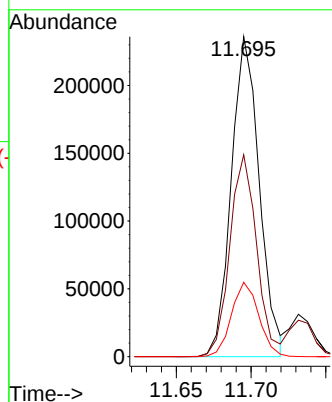
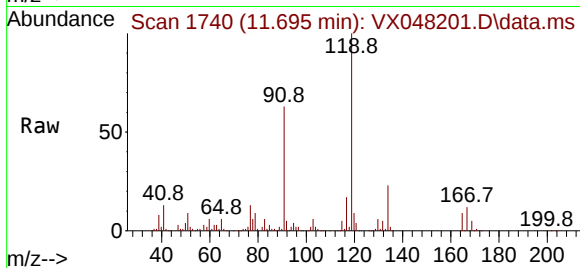
Tgt Ion:119 Resp: 307163

Ion Ratio Lower Upper

119 100

91 60.7 30.3 91.0

134 22.8 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 53.732 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX048201.D

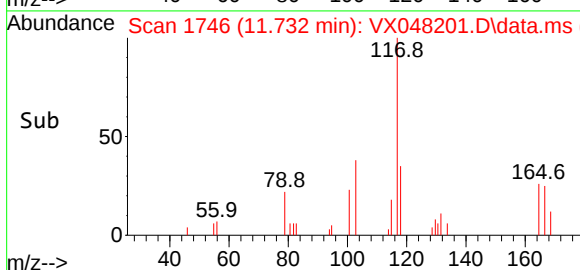
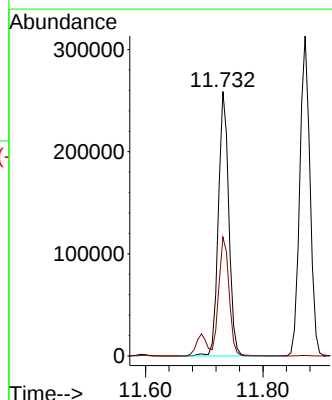
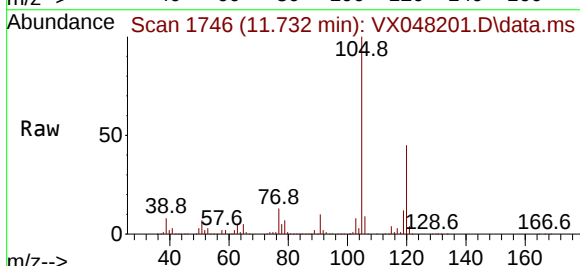
Acq: 17 Oct 2025 09:55

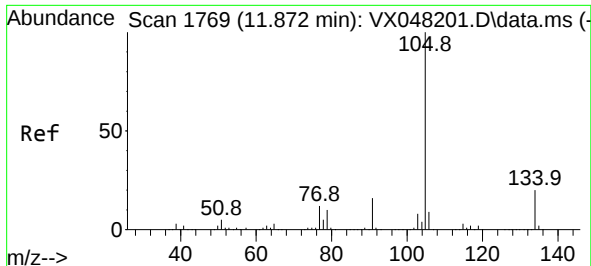
Tgt Ion:105 Resp: 316687

Ion Ratio Lower Upper

105 100

120 44.3 22.1 66.5

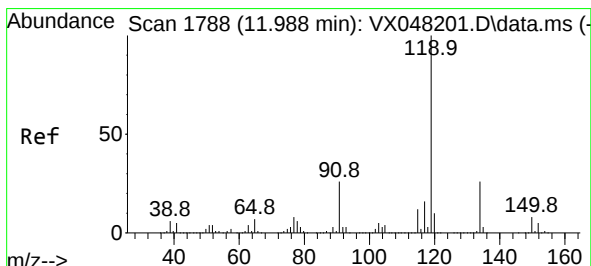
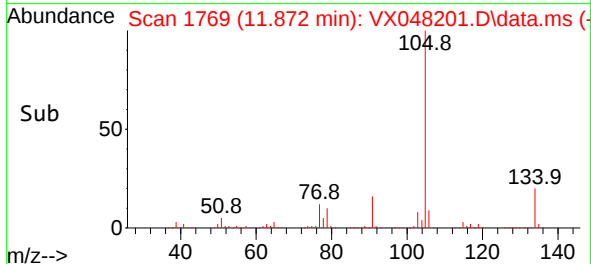
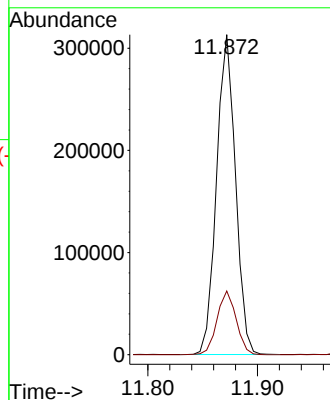
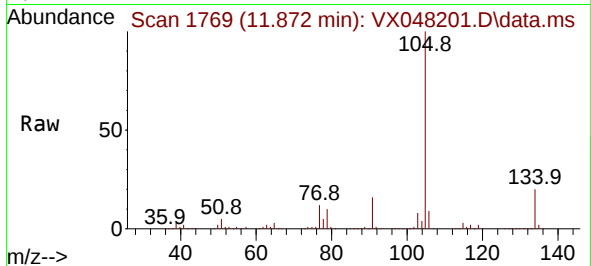




#85  
 sec-Butylbenzene  
 Concen: 51.411 ug/l  
 RT: 11.872 min Scan# 1769  
 Delta R.T. 0.000 min  
 Lab File: VX048201.D  
 Acq: 17 Oct 2025 09:55

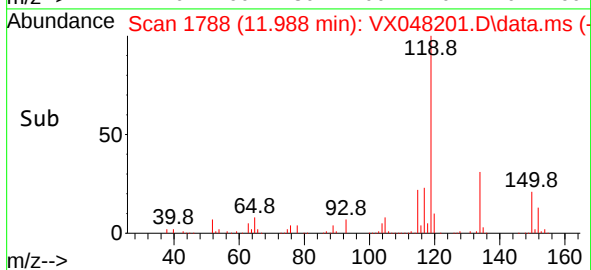
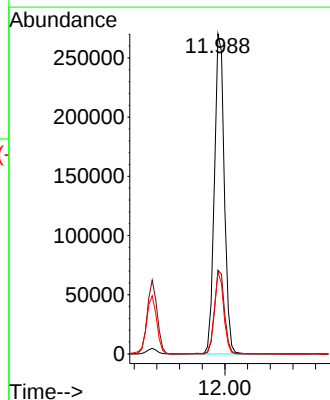
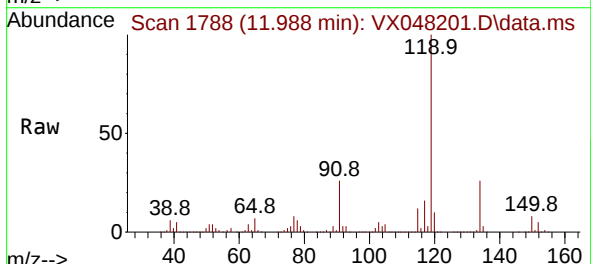
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

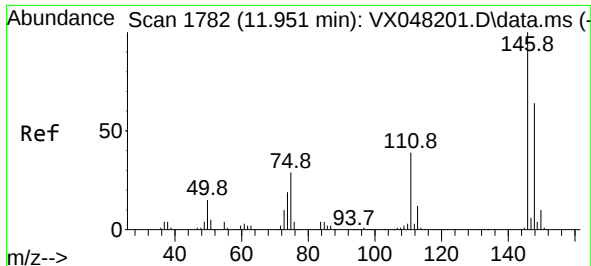
Tgt Ion:105 Resp: 375832  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 53.044 ug/l  
 RT: 11.988 min Scan# 1788  
 Delta R.T. 0.000 min  
 Lab File: VX048201.D  
 Acq: 17 Oct 2025 09:55

Tgt Ion:119 Resp: 326853  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.0 39.0  
 91 24.2 12.1 36.3

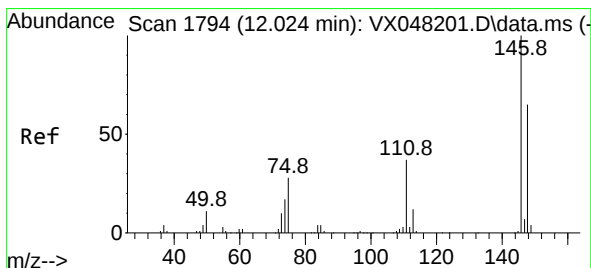
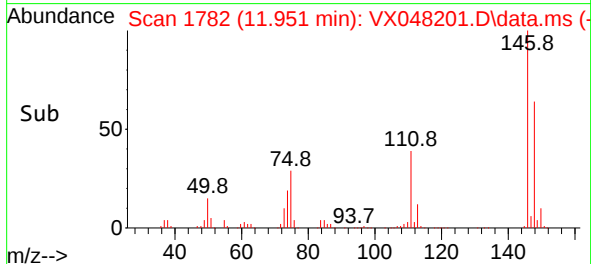
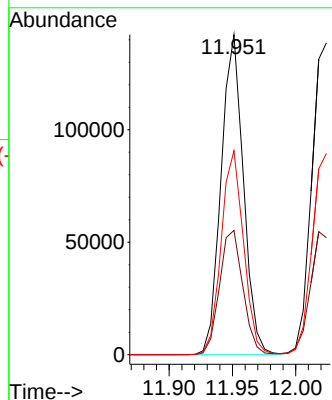
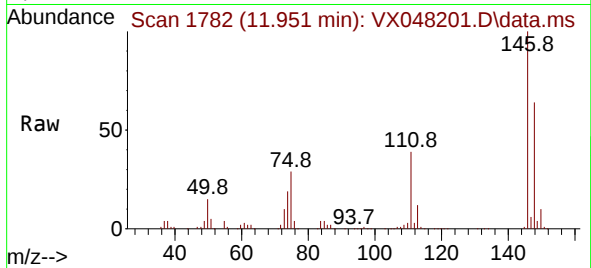




#87  
1,3-Dichlorobenzene  
Concen: 51.652 ug/l  
RT: 11.951 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

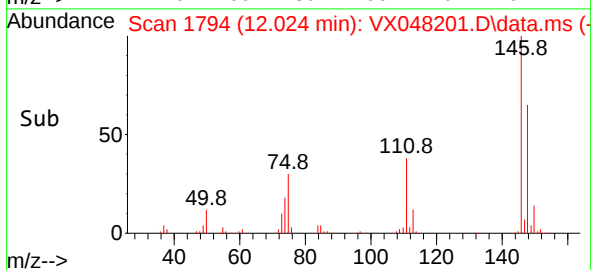
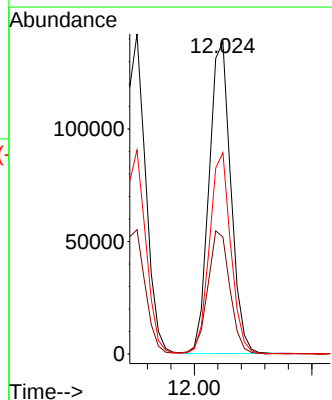
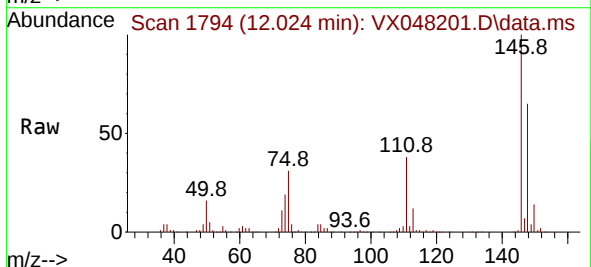
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

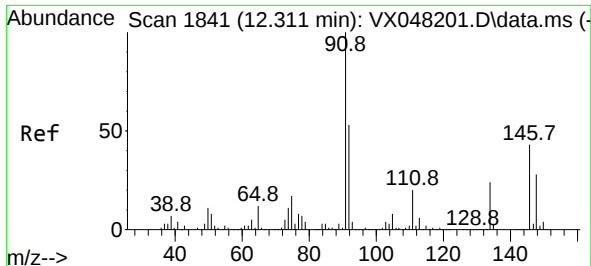
Tgt Ion:146 Resp: 174303  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.4 61.2  
148 63.9 31.9 95.9



#88  
1,4-Dichlorobenzene  
Concen: 50.909 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion:146 Resp: 178082  
Ion Ratio Lower Upper  
146 100  
111 40.1 20.1 60.2  
148 63.5 31.8 95.3

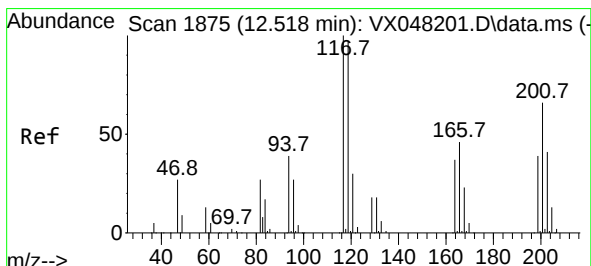
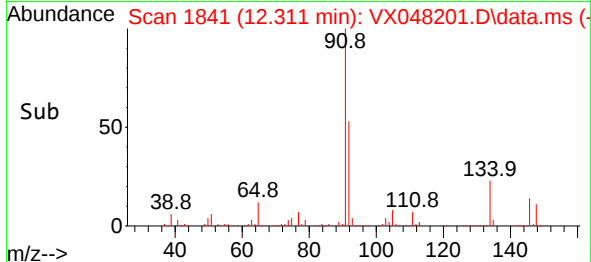
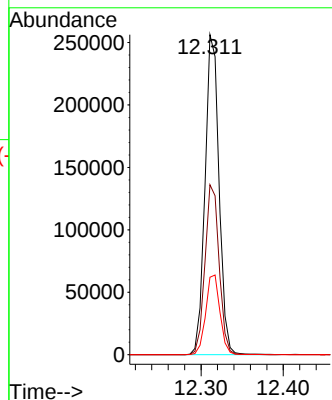
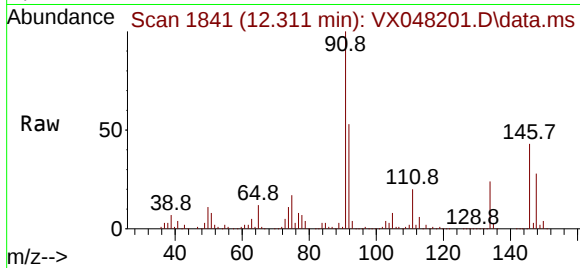




#89  
n-Butylbenzene  
Concen: 52.723 ug/l  
RT: 12.311 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

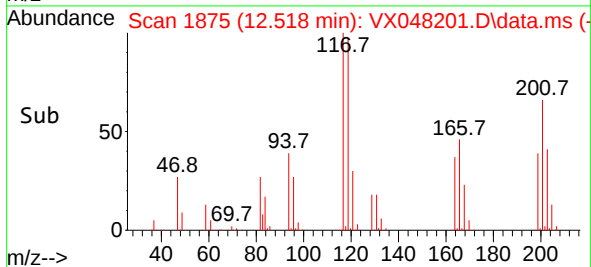
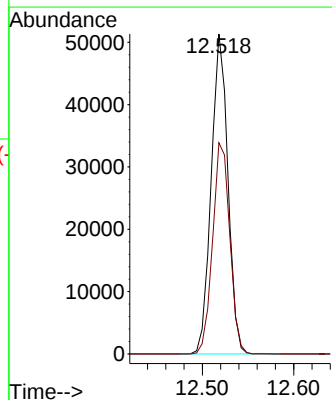
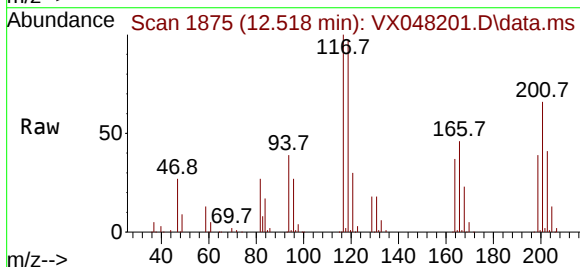
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

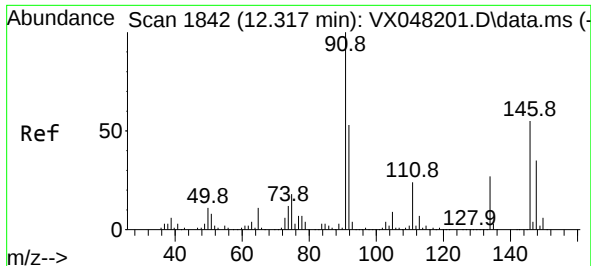
Tgt Ion: 91 Resp: 302597  
Ion Ratio Lower Upper  
91 100  
92 53.7 26.9 80.6  
134 25.4 12.7 38.1



#90  
Hexachloroethane  
Concen: 49.815 ug/l  
RT: 12.518 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 117 Resp: 64788  
Ion Ratio Lower Upper  
117 100  
201 68.1 34.1 102.2

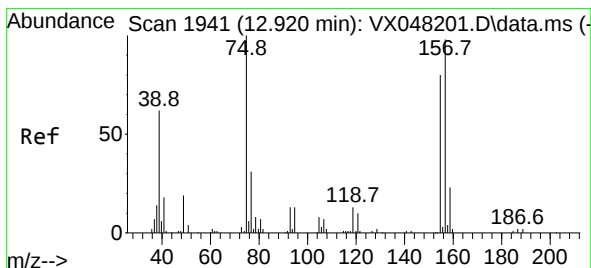
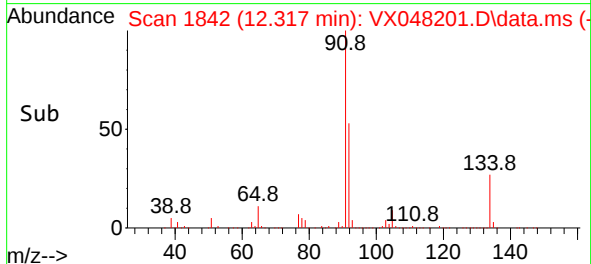
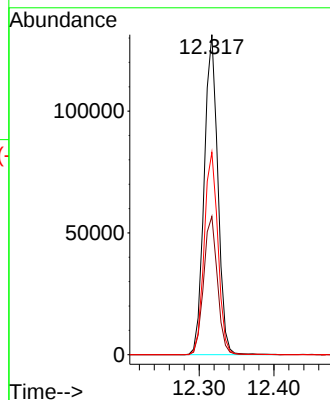
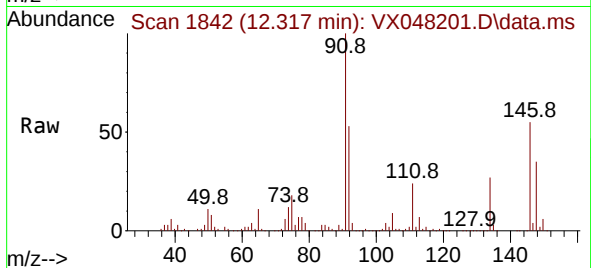




#91  
1,2-Dichlorobenzene  
Concen: 52.135 ug/l  
RT: 12.317 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

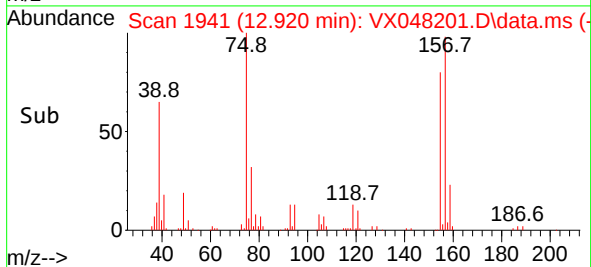
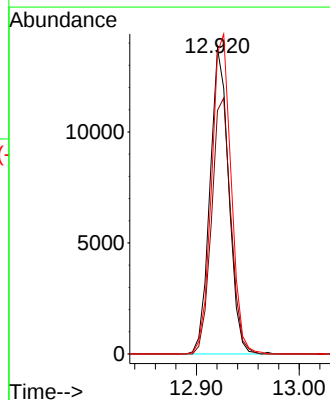
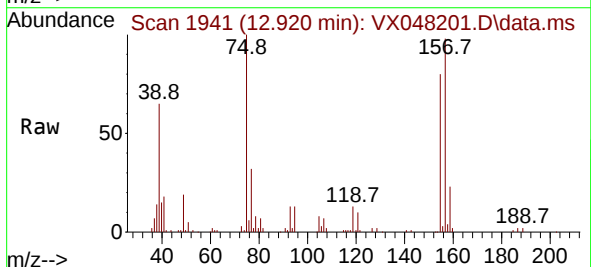
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

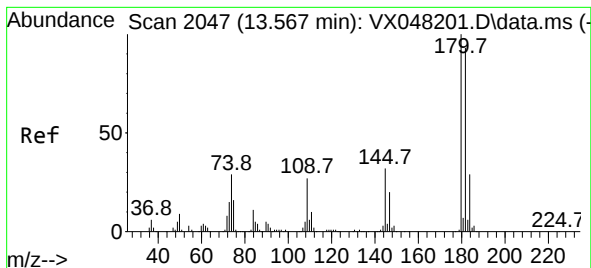
Tgt Ion:146 Resp: 166224  
Ion Ratio Lower Upper  
146 100  
111 43.7 21.9 65.5  
148 63.7 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.797 ug/l  
RT: 12.920 min Scan# 1941  
Delta R.T. 0.000 min  
Lab File: VX048201.D  
Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 17468  
Ion Ratio Lower Upper  
75 100  
155 85.6 42.8 128.4  
157 108.4 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 51.590 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

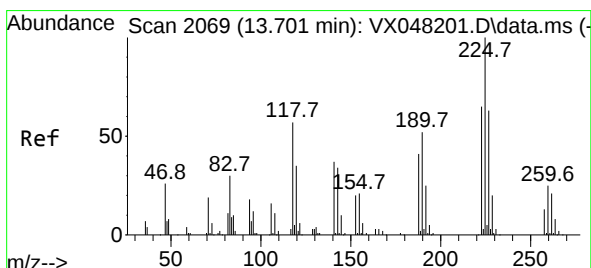
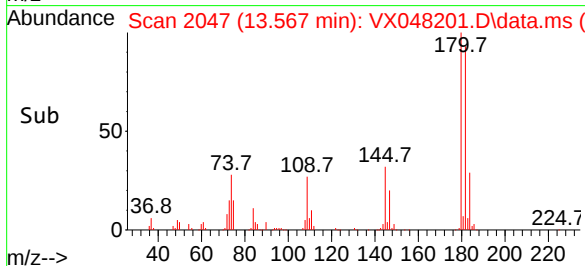
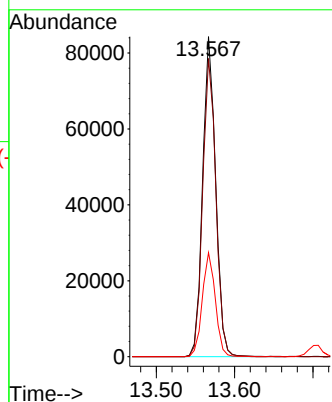
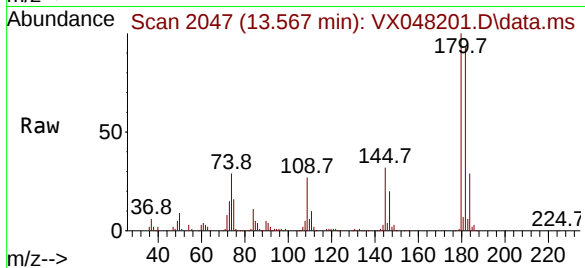
Tgt Ion:180 Resp: 97102

Ion Ratio Lower Upper

180 100

182 94.7 47.3 142.0

145 32.6 16.3 48.9



#94

Hexachlorobutadiene

Concen: 49.380 ug/l

RT: 13.701 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

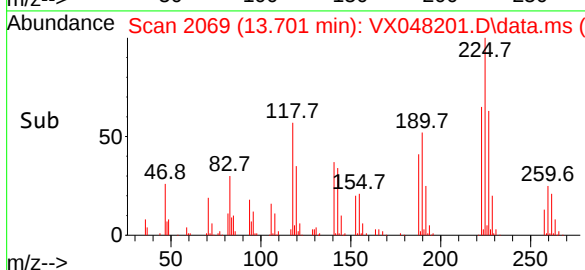
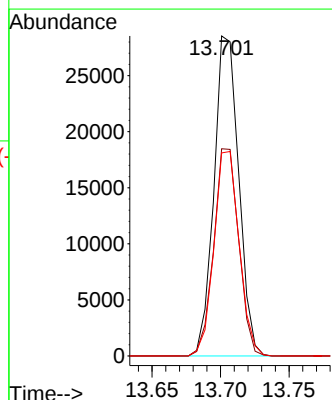
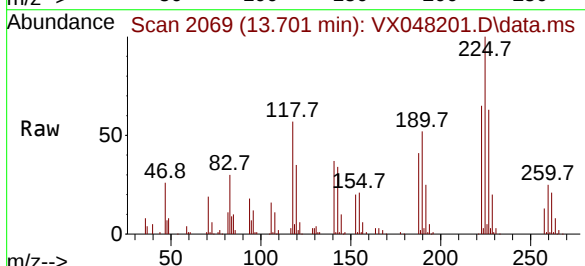
Tgt Ion:225 Resp: 35845

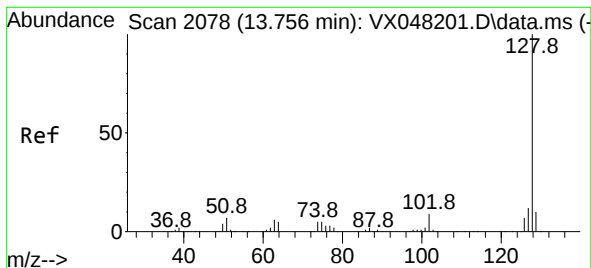
Ion Ratio Lower Upper

225 100

223 65.1 32.6 97.7

227 64.9 32.5 97.4





#95

Naphthalene

Concen: 55.178 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

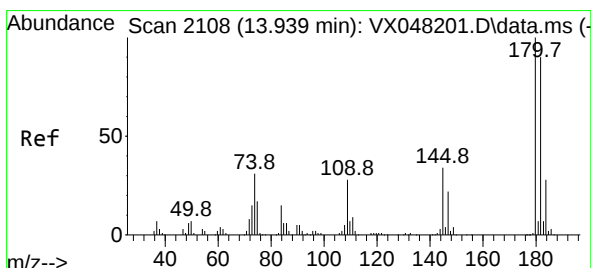
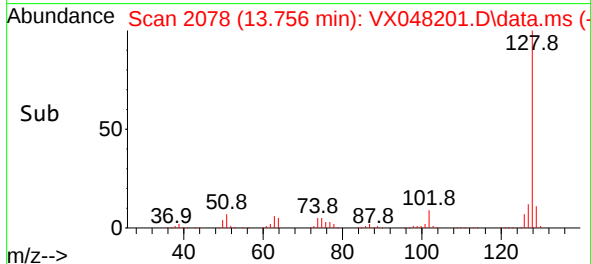
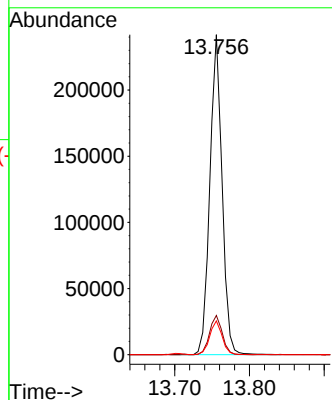
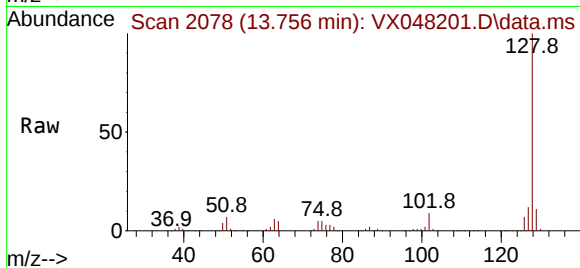
Tgt Ion:128 Resp: 273763

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 54.549 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Tgt Ion:180 Resp: 94728

Ion Ratio Lower Upper

180 100

182 93.1 46.6 139.7

145 33.8 16.9 50.7

