

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110625\  
 Data File : VX048510.D  
 Acq On : 06 Nov 2025 10:38  
 Operator : JC/MD  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Nov 06 11:08:34 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110625W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 06 11:04:38 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.532  | 168   | 207641   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.745  | 114   | 335187   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.037 | 117   | 265604   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.006 | 152   | 138325   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.934  | 65    | 137582   | 46.215   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 92.440%  |
| 35) Dibromofluoromethane     | 5.373  | 113   | 91793    | 48.093   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 96.180%  |
| 50) Toluene-d8               | 8.635  | 98    | 412885   | 48.865   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 97.720%  |
| 62) 4-Bromofluorobenzene     | 11.061 | 95    | 139678   | 44.826   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 89.660%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.173  | 85    | 98427    | 47.480   | ug/l   | 93       |
| 3) Chloromethane             | 1.301  | 50    | 52286    | 44.257   | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.380  | 62    | 122297   | 45.176   | ug/l   | 99       |
| 5) Bromomethane              | 1.618  | 94    | 42783    | 44.223   | ug/l   | 99       |
| 6) Chloroethane              | 1.697  | 64    | 69201    | 43.213   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 1.898  | 101   | 196901   | 47.223   | ug/l   | 98       |
| 8) Diethyl Ether             | 2.130  | 74    | 66930    | 44.321   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.337  | 101   | 112196   | 47.828   | ug/l   | 98       |
| 10) Methyl Iodide            | 2.459  | 142   | 398967   | 42.700   | ug/l   | 97       |
| 11) Tert butyl alcohol       | 2.934  | 59    | 51847    | 229.066  | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 2.325  | 96    | 108553   | 45.677   | ug/l   | 90       |
| 13) Acrolein                 | 2.233  | 56    | 73920    | 166.553  | ug/l   | 99       |
| 14) Allyl chloride           | 2.666  | 41    | 190337   | 46.650   | ug/l   | 97       |
| 15) Acrylonitrile            | 3.050  | 53    | 250091   | 241.201  | ug/l   | 99       |
| 16) Acetone                  | 2.367  | 43    | 148111   | 222.496  | ug/l   | 100      |
| 17) Carbon Disulfide         | 2.514  | 76    | 306082   | 45.078   | ug/l   | 100      |
| 18) Methyl Acetate           | 2.697  | 43    | 105263   | 46.312   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.105  | 73    | 364728   | 47.154   | ug/l   | 99       |
| 20) Methylene Chloride       | 2.788  | 84    | 117502   | 45.424   | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 121083   | 47.466   | ug/l   | 97       |
| 22) Diisopropyl ether        | 3.745  | 45    | 411591   | 49.112   | ug/l   | 93       |
| 23) Vinyl Acetate            | 3.709  | 43    | 1328317  | 234.350  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.599  | 63    | 222082   | 46.962   | ug/l   | 99       |
| 25) 2-Butanone               | 4.532  | 43    | 250182   | 233.817  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.459  | 77    | 186043   | 45.883   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.477  | 96    | 137512   | 45.395   | ug/l   | 99       |
| 28) Bromochloromethane       | 4.879  | 49    | 108101   | 50.045   | ug/l   | 98       |
| 29) Tetrahydrofuran          | 4.977  | 42    | 174138   | 228.959  | ug/l   | 97       |
| 30) Chloroform               | 5.074  | 83    | 218377   | 45.156   | ug/l   | 97       |
| 31) Cyclohexane              | 5.452  | 56    | 192761   | 47.502   | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 5.367  | 97    | 199294   | 46.683   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.678  | 75    | 157003   | 49.286   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.684  | 43    | 131011   | 48.300   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.666  | 117   | 171444   | 46.948   | ug/l   | 100      |
| 39) Methylcyclohexane        | 7.360  | 83    | 198201   | 48.998   | ug/l   | 95       |
| 40) Benzene                  | 6.019  | 78    | 465802   | 47.961   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110625\  
 Data File : VX048510.D  
 Acq On : 06 Nov 2025 10:38  
 Operator : JC/MD  
 Sample : VSTDICCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Nov 06 11:08:34 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110625W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 06 11:04:38 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.897  | 41   | 71113    | 51.743   | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 6.068  | 62   | 161537   | 47.064   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.318  | 43   | 216439   | 48.262   | ug/l   | 97       |
| 44) Trichloroethene           | 7.104  | 130  | 118338   | 46.641   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 7.409  | 63   | 116377   | 47.856   | ug/l   | 99       |
| 46) Dibromomethane            | 7.562  | 93   | 78088    | 46.131   | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.799  | 83   | 174414   | 48.146   | ug/l   | 95       |
| 48) Methyl methacrylate       | 7.671  | 41   | 110657   | 50.363   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 7.641  | 88   | 24805    | 1002.671 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 8.555  | 43   | 602917   | 241.649  | ug/l   | 96       |
| 52) Toluene                   | 8.702  | 92   | 290526   | 47.985   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.958  | 75   | 161019   | 49.040   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.348  | 75   | 167583   | 47.476   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.135  | 97   | 105084   | 47.692   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.098  | 69   | 159372   | 49.380   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.293  | 76   | 180198   | 47.296   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.226  | 63   | 487425   | 288.231  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.409  | 43   | 375753   | 234.222  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.506  | 129  | 125777   | 46.492   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.592  | 107  | 97441    | 43.559   | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.256  | 164  | 109008   | 50.783   | ug/l   | 95       |
| 65) Chlorobenzene             | 10.061 | 112  | 292512   | 48.145   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.147 | 131  | 103480   | 49.856   | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.177 | 91   | 522027   | 50.795   | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.281 | 106  | 404946   | 104.066  | ug/l   | 95       |
| 69) o-Xylene                  | 10.622 | 106  | 196110   | 52.495   | ug/l   | 94       |
| 70) Styrene                   | 10.640 | 104  | 332073   | 52.475   | ug/l   | 98       |
| 71) Bromoform                 | 10.781 | 173  | 77321    | 51.035   | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.945 | 105  | 505711   | 49.843   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.823 | 43   | 184160   | 50.686   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.195 | 83   | 123518   | 47.968   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.220 | 75   | 129650   | 64.093   | ug/l   | 80       |
| 77) Bromobenzene              | 11.177 | 156  | 120725   | 48.111   | ug/l   | 97       |
| 78) n-propylbenzene           | 11.287 | 91   | 599199   | 50.056   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.348 | 91   | 347641   | 48.309   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.433 | 105  | 409019   | 49.413   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.000 | 75   | 26331    | 46.589   | ug/l # | 69       |
| 82) 4-Chlorotoluene           | 11.433 | 91   | 413214   | 48.777   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.695 | 119  | 419623   | 49.635   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.732 | 105  | 400585   | 48.906   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.872 | 105  | 516106   | 49.196   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.988 | 119  | 433963   | 48.997   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.951 | 146  | 224690   | 46.847   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.024 | 146  | 227092   | 46.492   | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.311 | 91   | 410254   | 49.166   | ug/l   | 100      |
| 90) Hexachloroethane          | 12.518 | 117  | 79603    | 50.636   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.317 | 146  | 213004   | 47.867   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.927 | 75   | 22536    | 45.397   | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.567 | 180  | 137968   | 45.478   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.707 | 225  | 57650    | 45.569   | ug/l   | 96       |
| 95) Naphthalene               | 13.756 | 128  | 339502   | 44.828   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.939 | 180  | 118542   | 43.543   | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110625\  
Data File : VX048510.D  
Acq On : 06 Nov 2025 10:38  
Operator : JC/MD  
Sample : VSTDICCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 5 Sample Multiplier: 1

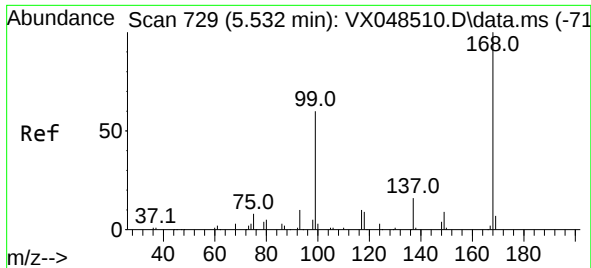
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Quant Time: Nov 06 11:08:34 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110625W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 06 11:04:38 2025  
Response via : Initial Calibration

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

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

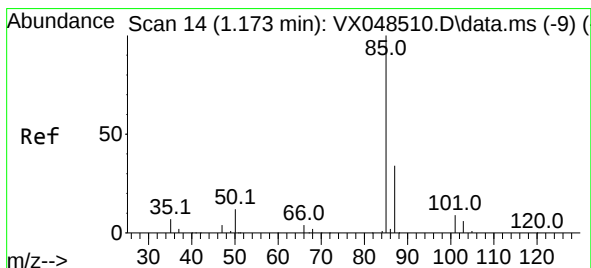
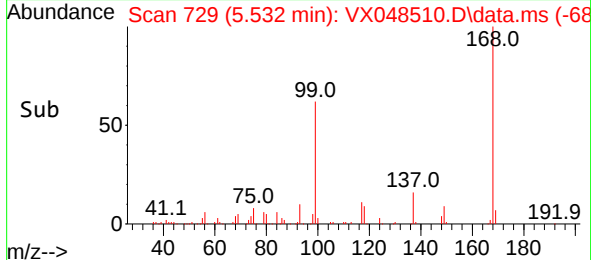
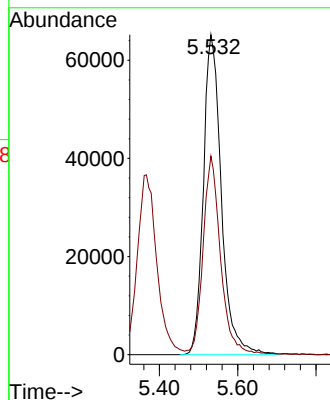
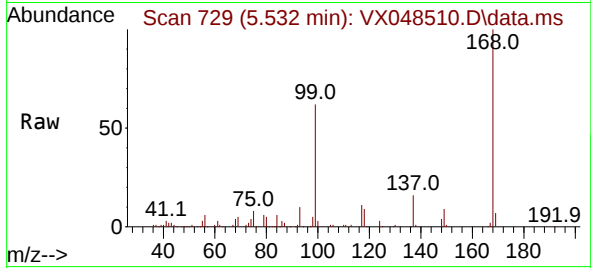




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.532 min Scan# 71  
Delta R.T. -0.005 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

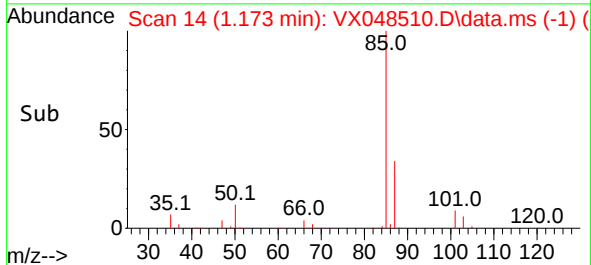
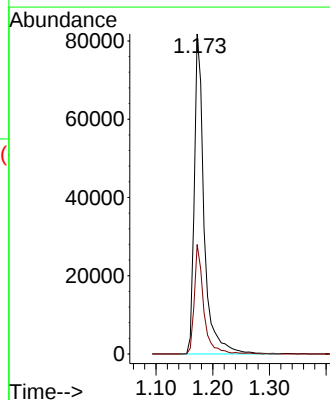
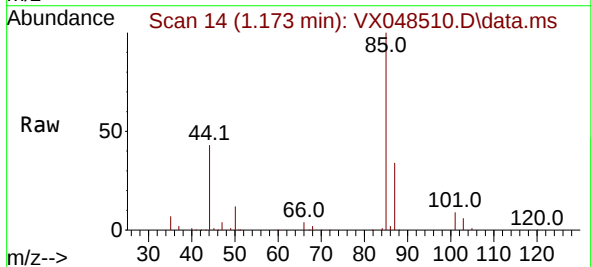
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

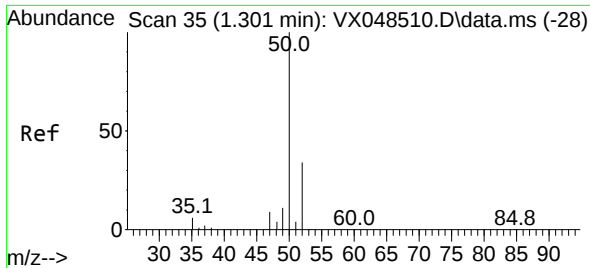
Tgt Ion:168 Resp: 207641  
Ion Ratio Lower Upper  
168 100  
99 61.8 46.4 69.6



#2  
Dichlorodifluoromethane  
Concen: 47.480 ug/l  
RT: 1.173 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 85 Resp: 98427  
Ion Ratio Lower Upper  
85 100  
87 34.2 15.3 45.9

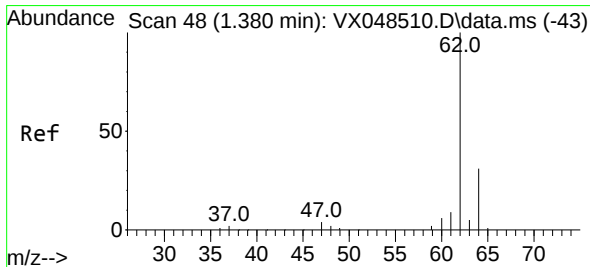
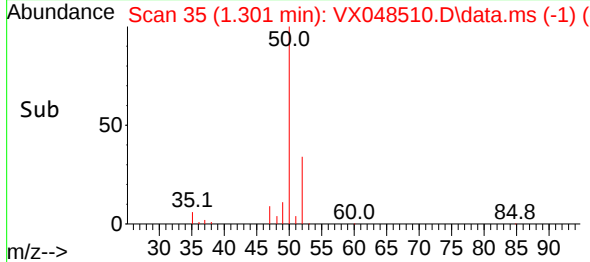
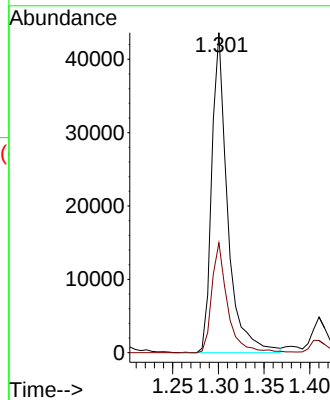
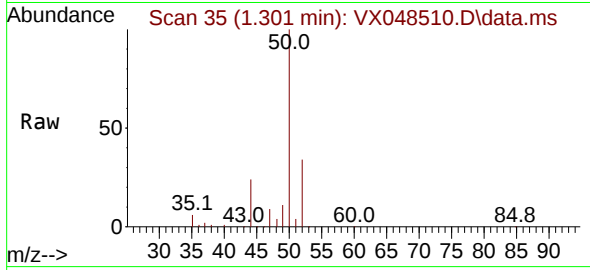




#3  
Chloromethane  
Concen: 44.257 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

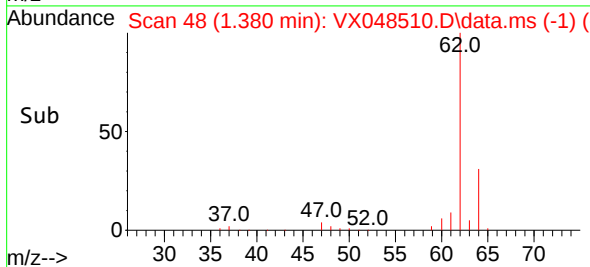
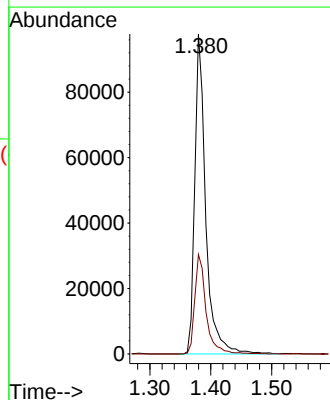
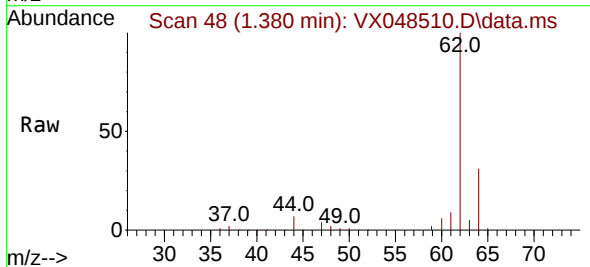
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

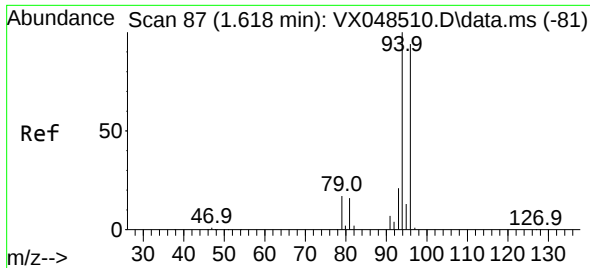
Tgt Ion: 50 Resp: 52286  
Ion Ratio Lower Upper  
50 100  
52 34.4 25.9 38.9



#4  
Vinyl Chloride  
Concen: 45.176 ug/l  
RT: 1.380 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 62 Resp: 122297  
Ion Ratio Lower Upper  
62 100  
64 31.1 25.1 37.7

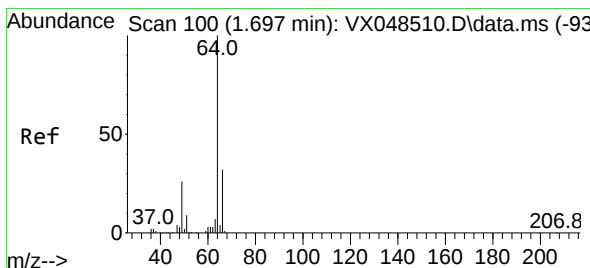
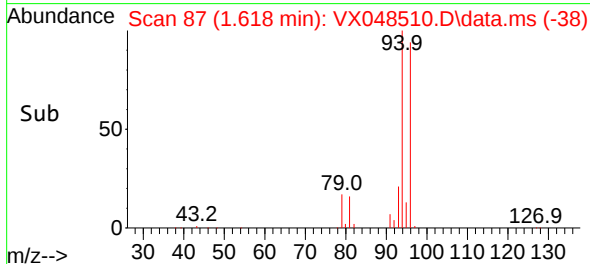
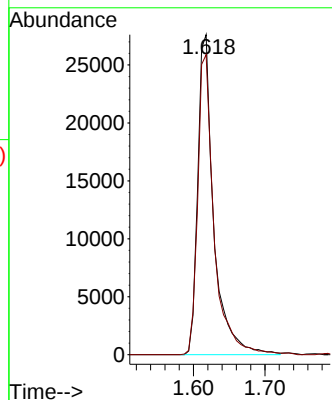
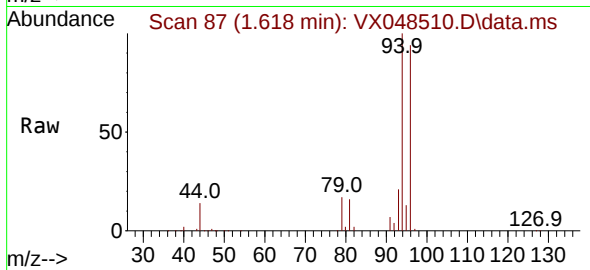




#5  
Bromomethane  
Concen: 44.223 ug/l  
RT: 1.618 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

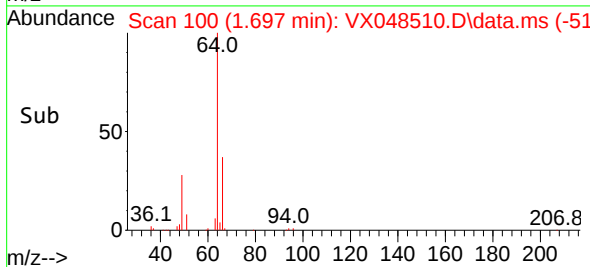
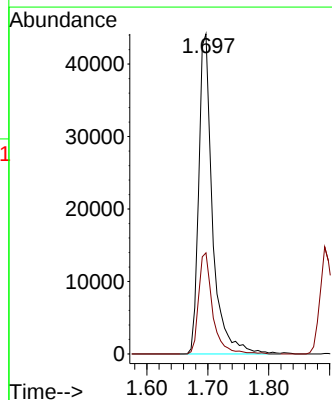
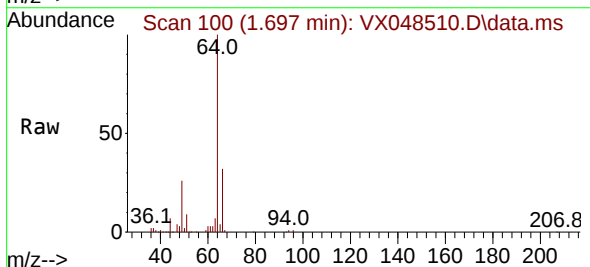
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

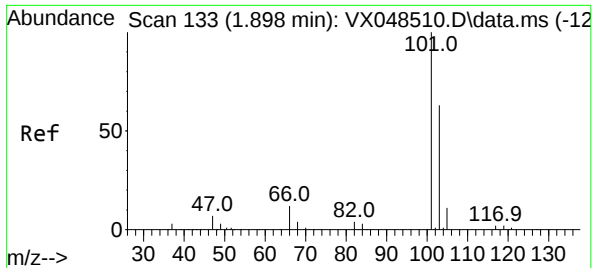
Tgt Ion: 94 Resp: 42783  
Ion Ratio Lower Upper  
94 100  
96 93.7 76.0 114.0



#6  
Chloroethane  
Concen: 43.213 ug/l  
RT: 1.697 min Scan# 100  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 64 Resp: 69201  
Ion Ratio Lower Upper  
64 100  
66 31.6 23.9 35.9

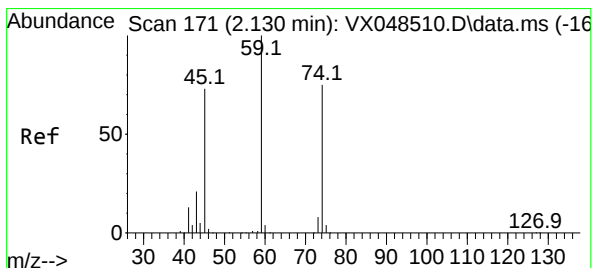
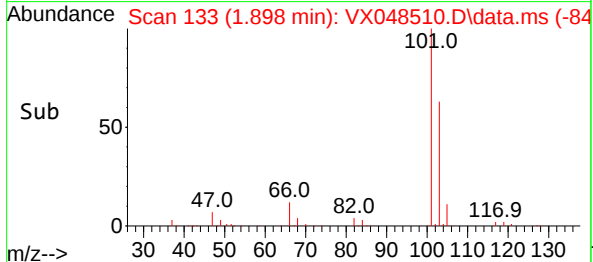
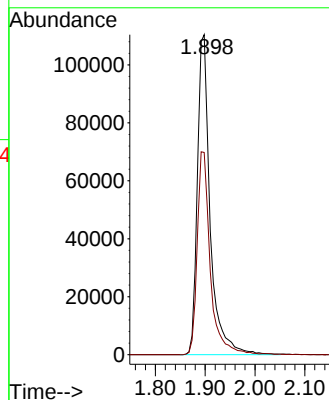
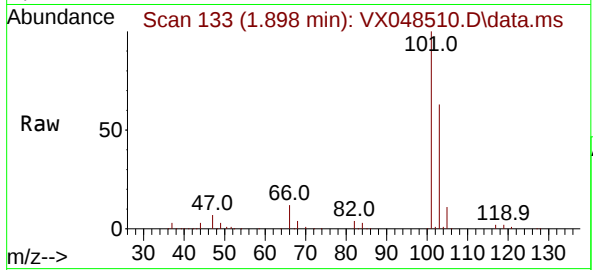




#7  
 Trichlorofluoromethane  
 Concen: 47.223 ug/l  
 RT: 1.898 min Scan# 133  
 Delta R.T. 0.000 min  
 Lab File: VX048510.D  
 Acq: 06 Nov 2025 10:38

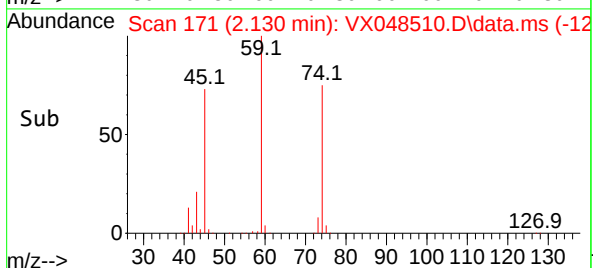
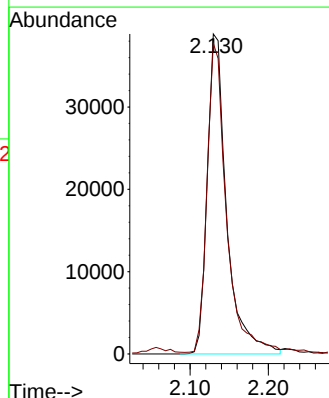
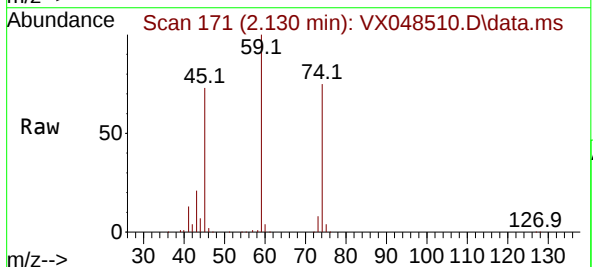
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

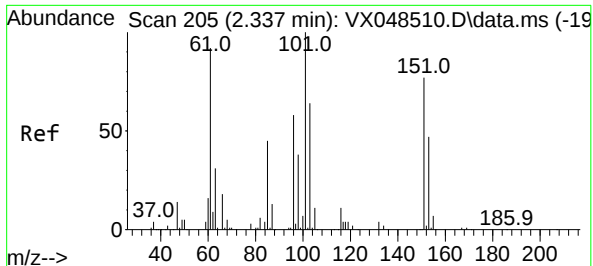
Tgt Ion:101 Resp: 196901  
 Ion Ratio Lower Upper  
 101 100  
 103 63.2 51.6 77.4



#8  
 Diethyl Ether  
 Concen: 44.321 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.006 min  
 Lab File: VX048510.D  
 Acq: 06 Nov 2025 10:38

Tgt Ion: 74 Resp: 66930  
 Ion Ratio Lower Upper  
 74 100  
 45 98.5 50.0 149.8

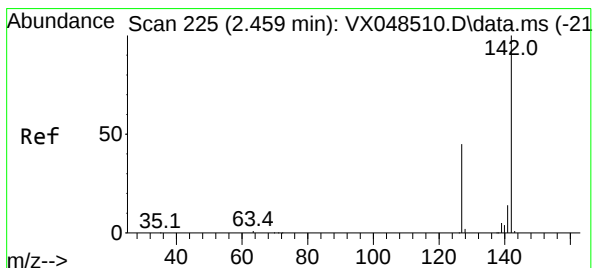
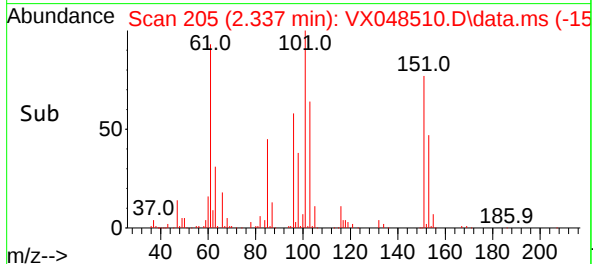
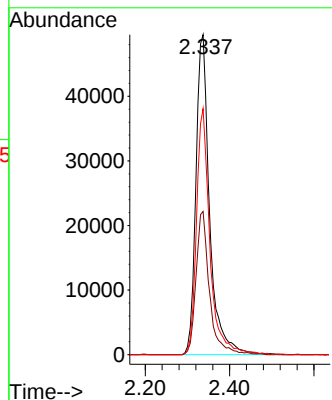
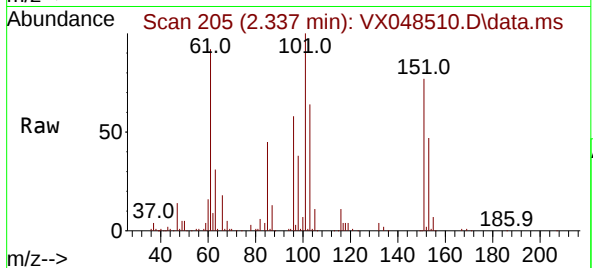




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.828 ug/l  
RT: 2.337 min Scan# 205  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

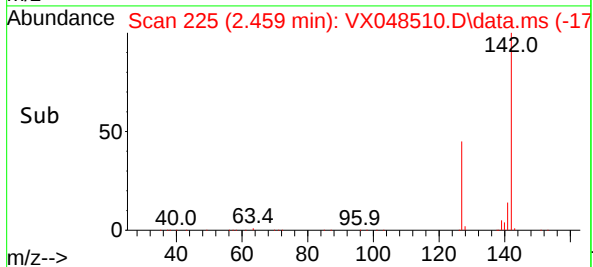
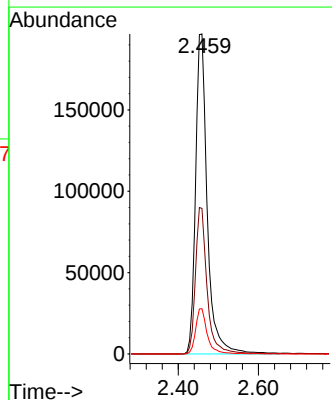
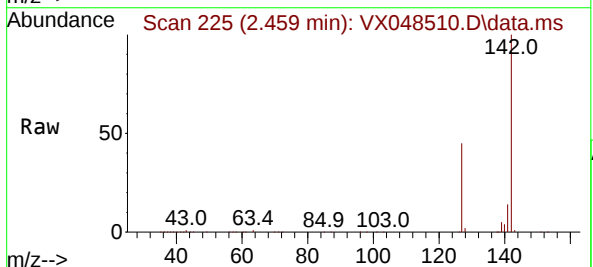
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

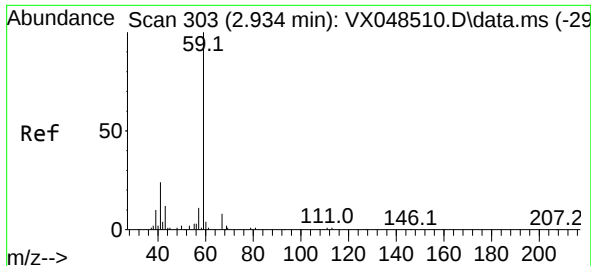
Tgt Ion:101 Resp: 112196  
Ion Ratio Lower Upper  
101 100  
85 44.1 35.6 53.4  
151 75.4 58.0 87.0



#10  
Methyl Iodide  
Concen: 42.700 ug/l  
RT: 2.459 min Scan# 225  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion:142 Resp: 398967  
Ion Ratio Lower Upper  
142 100  
127 45.7 38.5 57.7  
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 229.066 ug/l

RT: 2.934 min Scan# 303

Delta R.T. -0.006 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

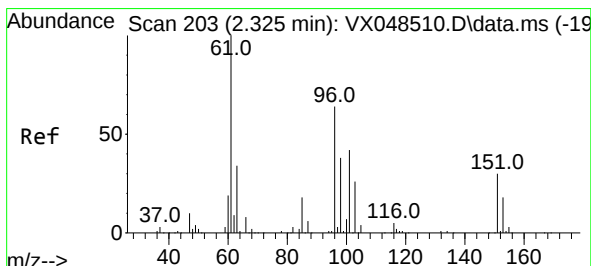
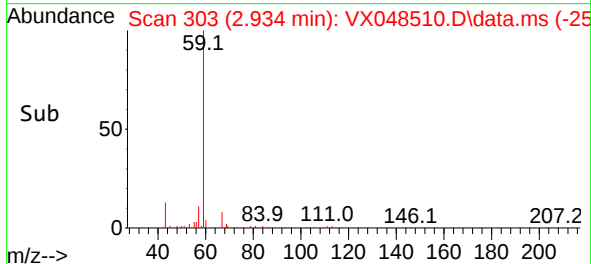
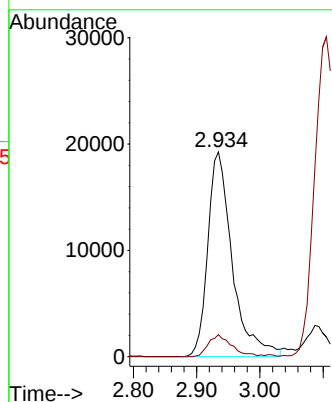
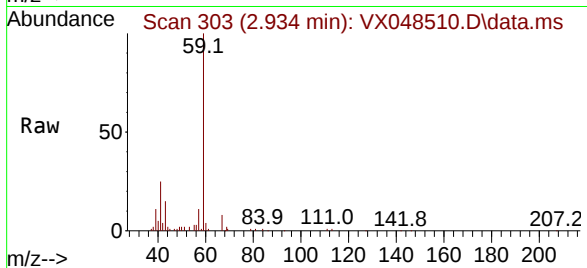
VSTDICCC050

Tgt Ion: 59 Resp: 51847

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



#12

1,1-Dichloroethene

Concen: 45.677 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

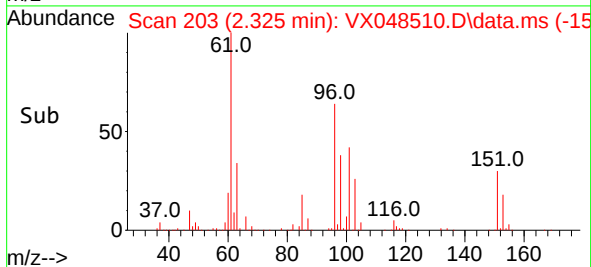
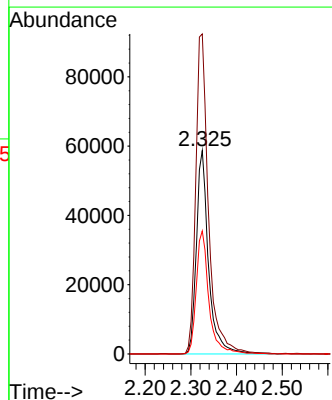
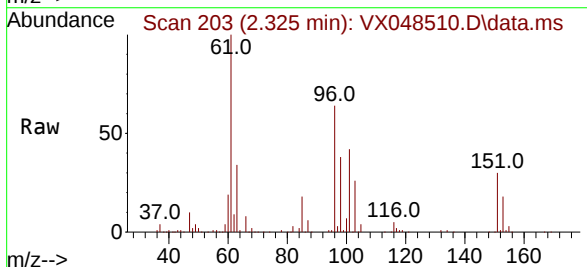
Tgt Ion: 96 Resp: 108553

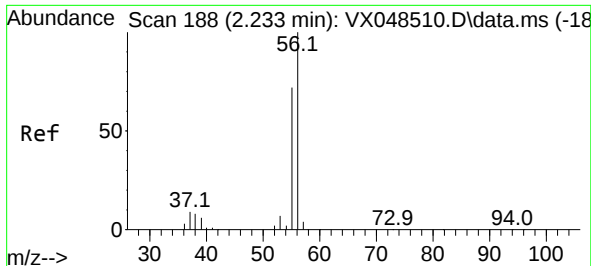
Ion Ratio Lower Upper

96 100

61 157.3 139.0 208.6

98 60.5 52.4 78.6





#13

Acrolein

Concen: 166.553 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

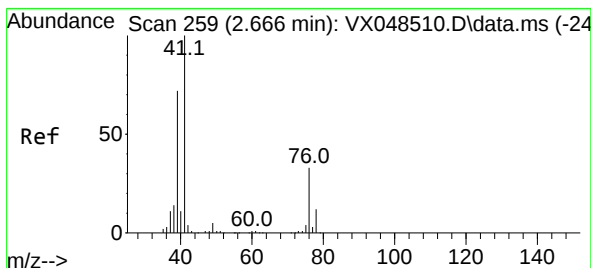
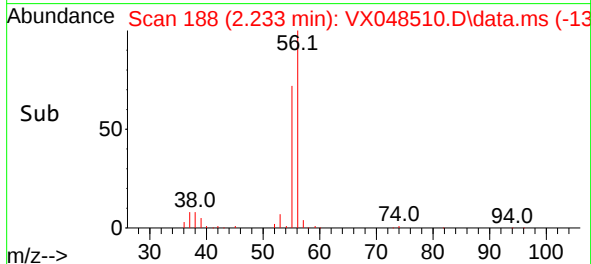
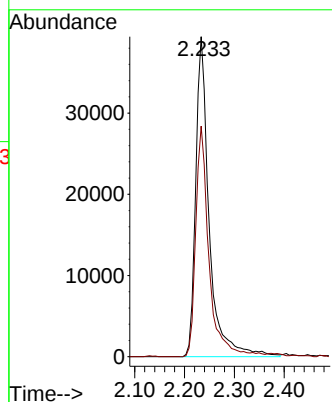
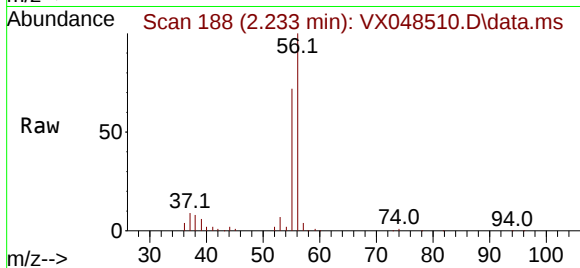
VSTDICCC050

Tgt Ion: 56 Resp: 73920

Ion Ratio Lower Upper

56 100

55 71.0 56.1 84.1



#14

Allyl chloride

Concen: 46.650 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

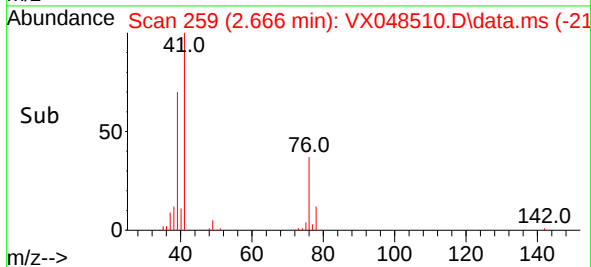
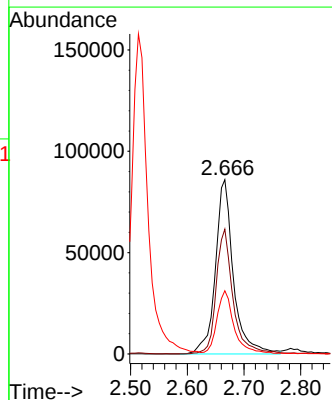
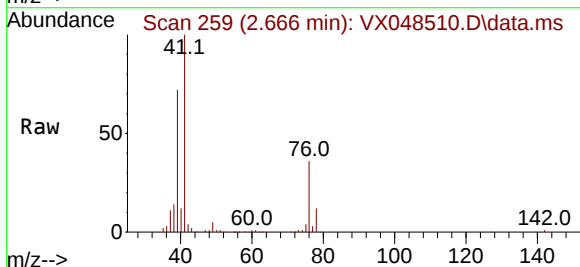
Tgt Ion: 41 Resp: 190337

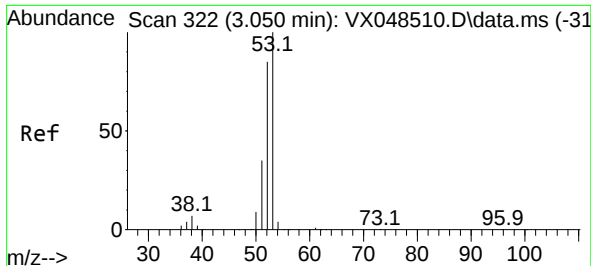
Ion Ratio Lower Upper

41 100

39 66.9 56.0 84.0

76 34.0 27.5 41.3

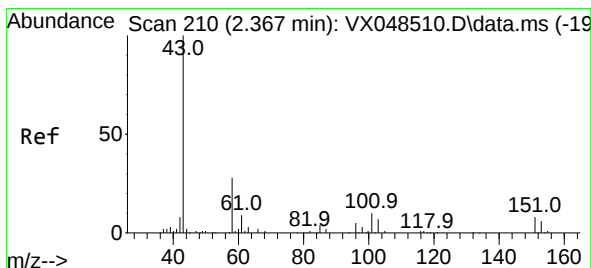
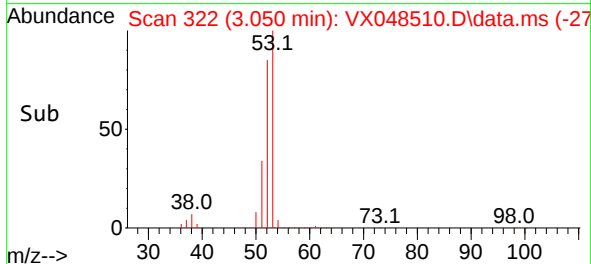
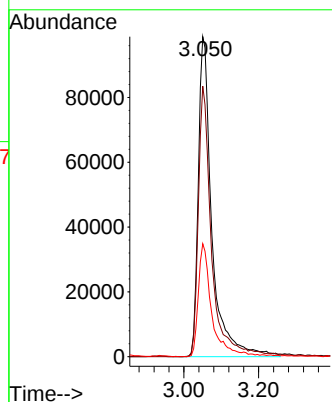
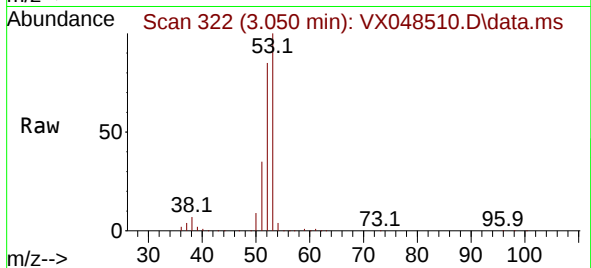




#15  
Acrylonitrile  
Concen: 241.201 ug/l  
RT: 3.050 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

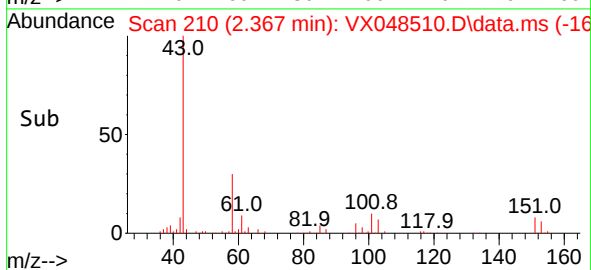
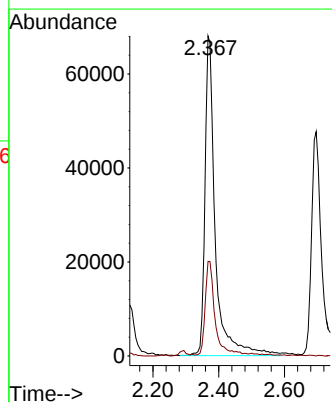
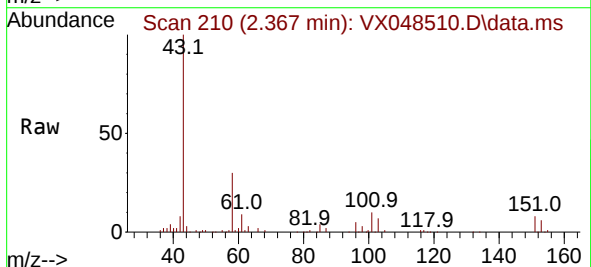
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

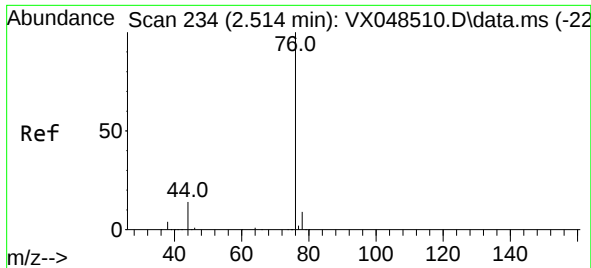
Tgt Ion: 53 Resp: 250091  
Ion Ratio Lower Upper  
53 100  
52 81.4 66.1 99.1  
51 35.1 29.0 43.4



#16  
Acetone  
Concen: 222.496 ug/l  
RT: 2.367 min Scan# 210  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 43 Resp: 148111  
Ion Ratio Lower Upper  
43 100  
58 29.3 23.4 35.2

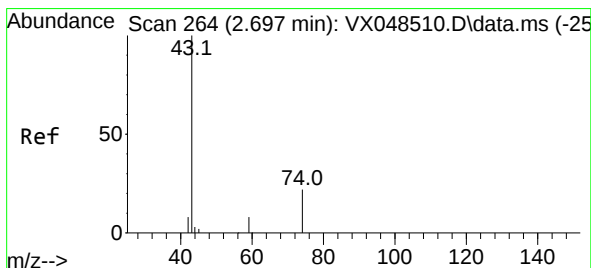
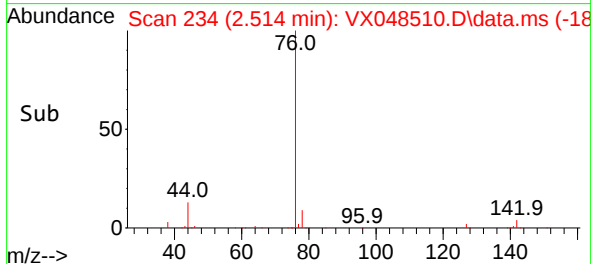
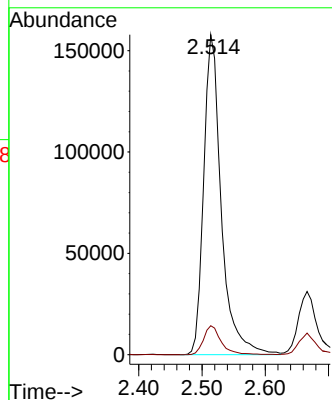
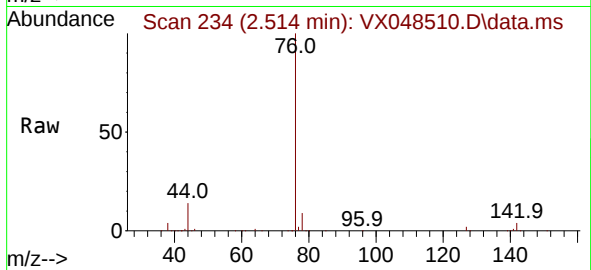




#17  
Carbon Disulfide  
Concen: 45.078 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

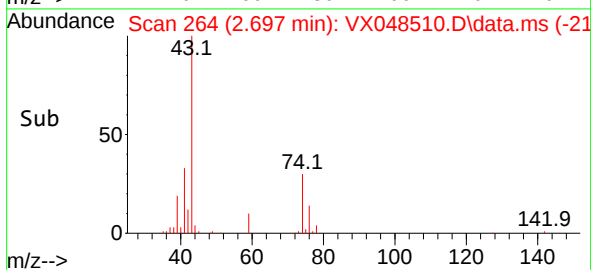
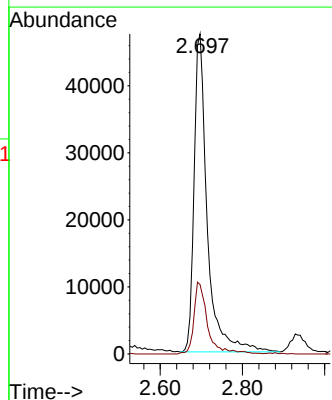
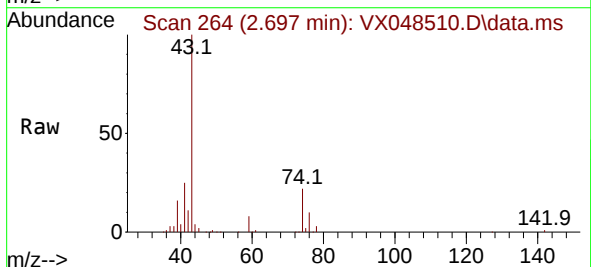
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

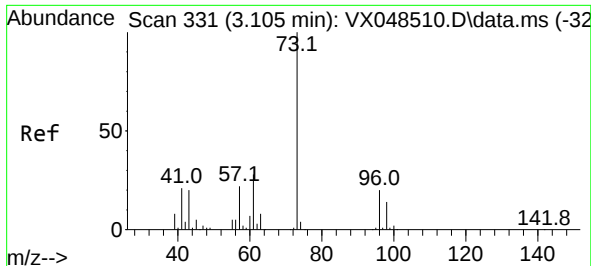
Tgt Ion: 76 Resp: 306082  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.1 10.7



#18  
Methyl Acetate  
Concen: 46.312 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 43 Resp: 105263  
Ion Ratio Lower Upper  
43 100  
74 23.5 17.5 26.3

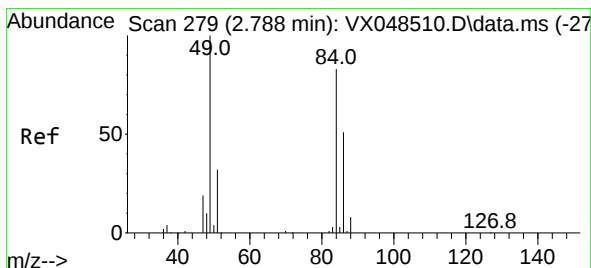
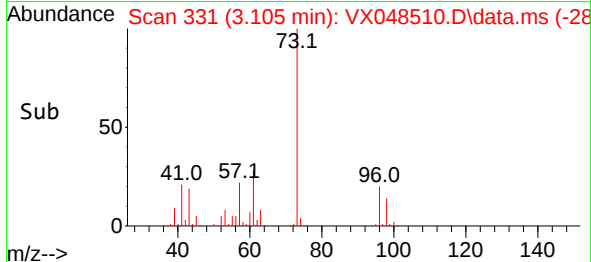
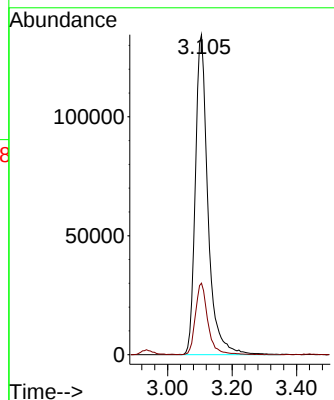
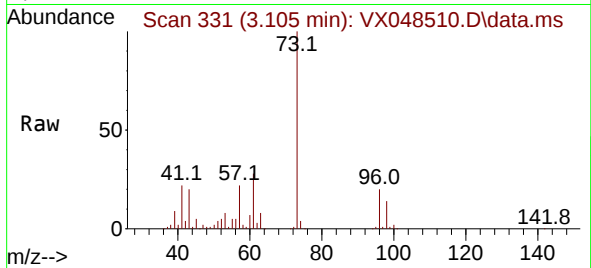




#19  
Methyl tert-butyl Ether  
Concen: 47.154 ug/l  
RT: 3.105 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

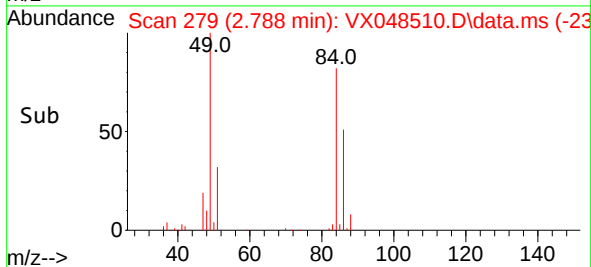
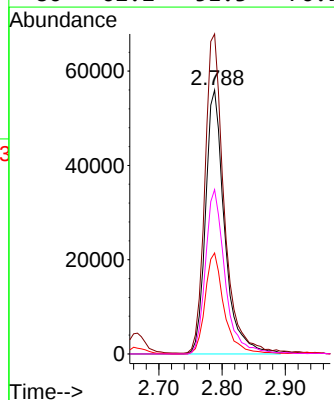
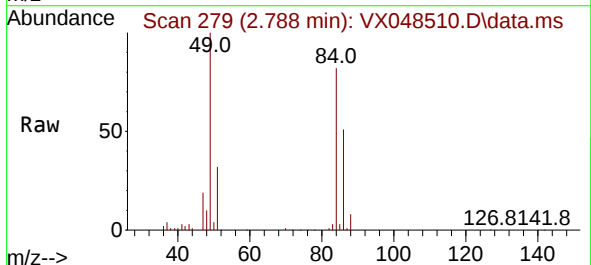
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

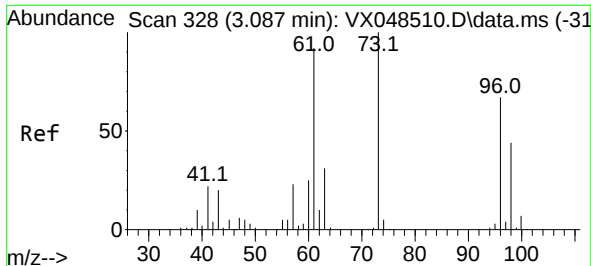
Tgt Ion: 73 Resp: 364728  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.7 26.5



#20  
Methylene Chloride  
Concen: 45.424 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 84 Resp: 117502  
Ion Ratio Lower Upper  
84 100  
49 121.0 104.1 156.1  
51 38.3 31.3 46.9  
86 62.2 51.3 76.9

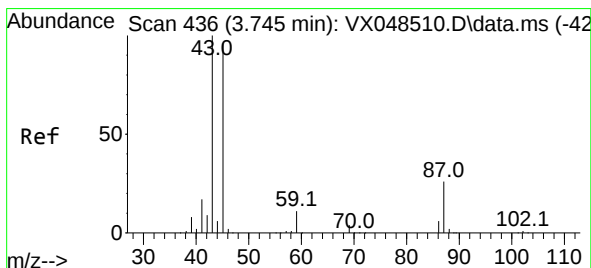
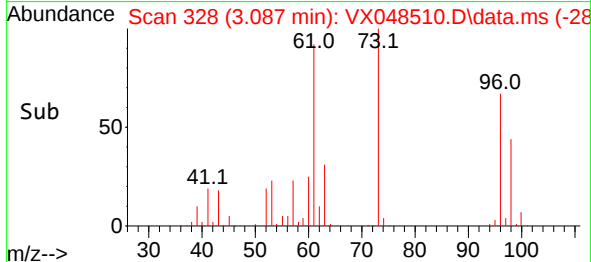
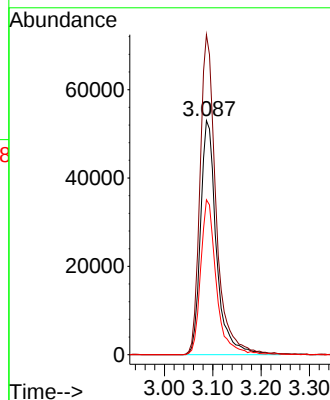
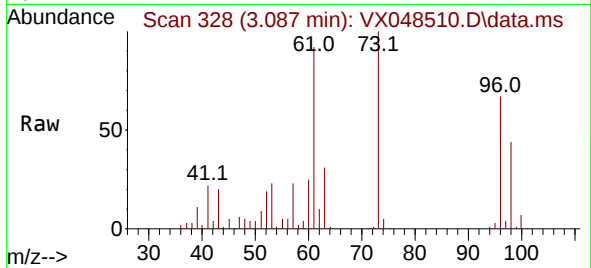




#21  
trans-1,2-Dichloroethene  
Concen: 47.466 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

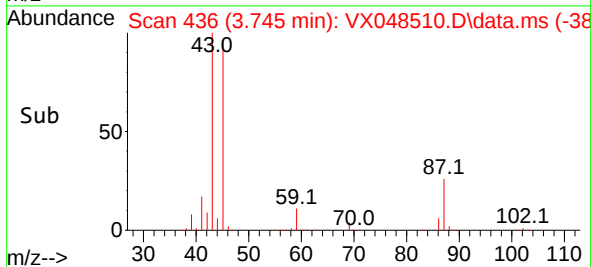
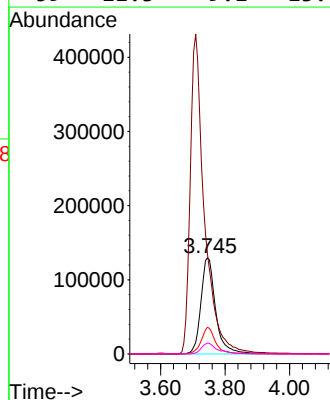
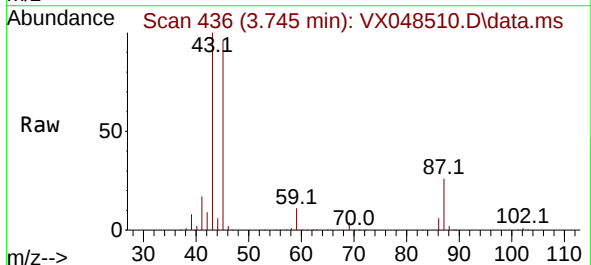
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

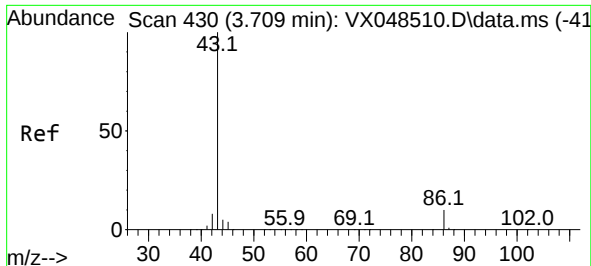
Tgt Ion: 96 Resp: 121083  
Ion Ratio Lower Upper  
96 100  
61 136.7 111.9 167.9  
98 66.2 51.2 76.8



#22  
Diisopropyl ether  
Concen: 49.112 ug/l  
RT: 3.745 min Scan# 436  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 45 Resp: 411591  
Ion Ratio Lower Upper  
45 100  
43 103.9 89.8 134.8  
87 27.5 20.6 31.0  
59 11.3 9.1 13.7

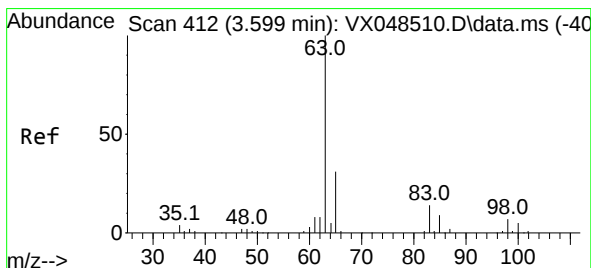
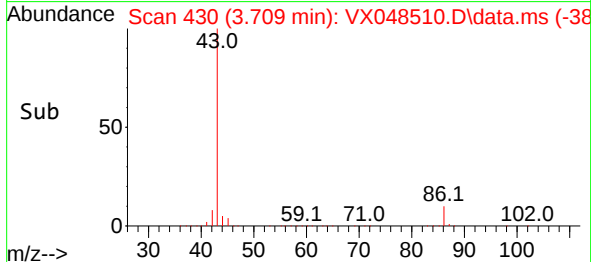
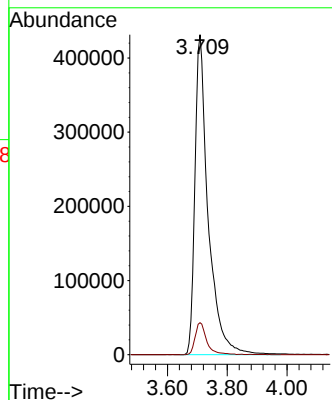
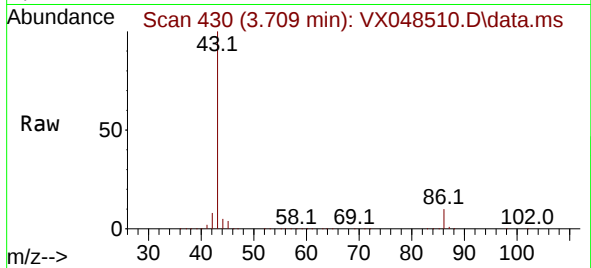




#23  
 Vinyl Acetate  
 Concen: 234.350 ug/l  
 RT: 3.709 min Scan# 412  
 Delta R.T. -0.006 min  
 Lab File: VX048510.D  
 Acq: 06 Nov 2025 10:38

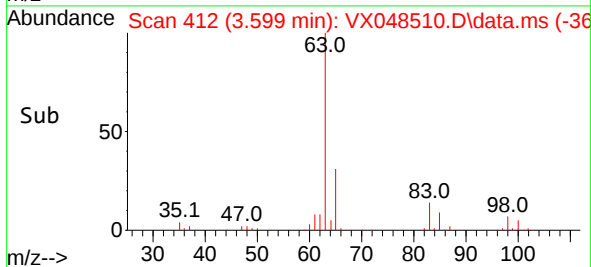
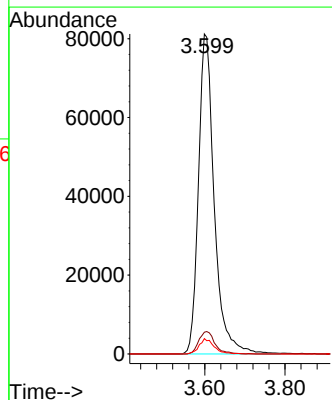
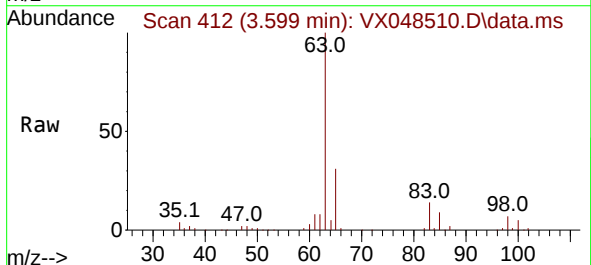
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

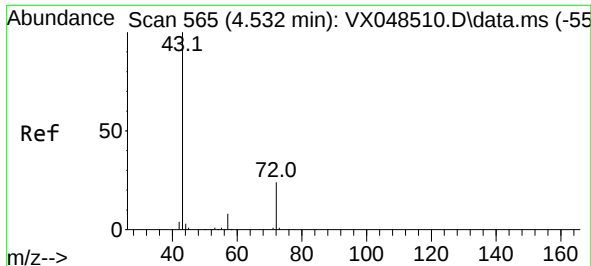
Tgt Ion: 43 Resp: 1328317  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 7.9 11.9



#24  
 1,1-Dichloroethane  
 Concen: 46.962 ug/l  
 RT: 3.599 min Scan# 412  
 Delta R.T. -0.006 min  
 Lab File: VX048510.D  
 Acq: 06 Nov 2025 10:38

Tgt Ion: 63 Resp: 222082  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.5 10.6  
 100 4.8 2.1 6.3

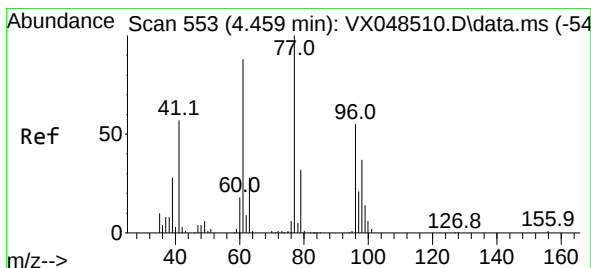
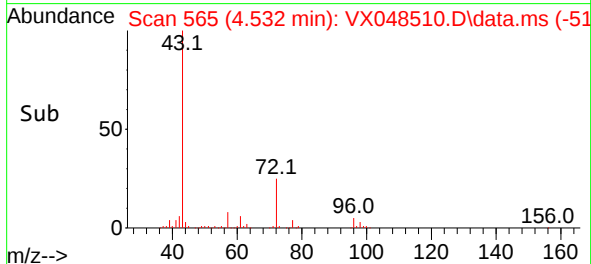
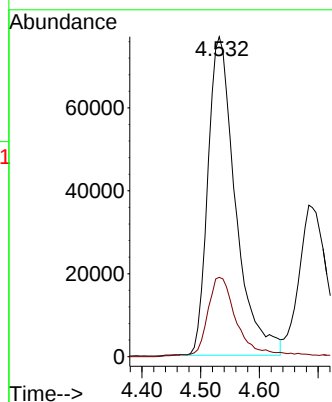
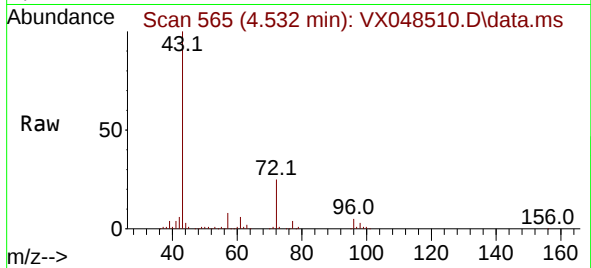




#25  
2-Butanone  
Concen: 233.817 ug/l  
RT: 4.532 min Scan# 565  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

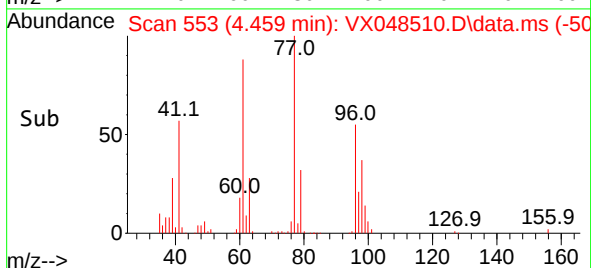
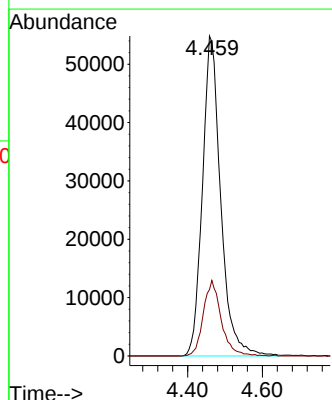
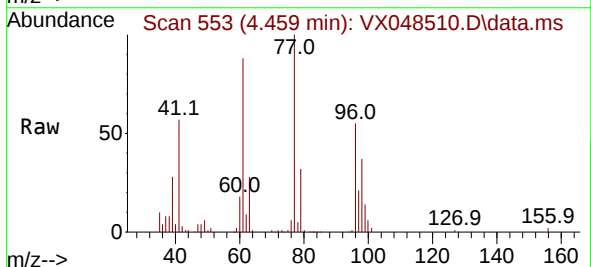
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

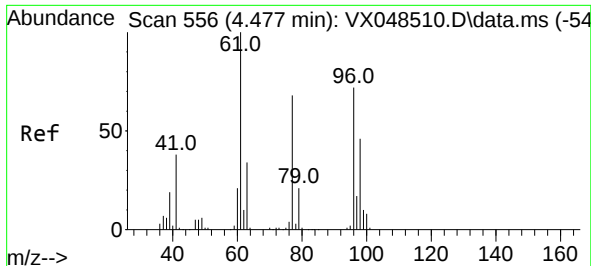
Tgt Ion: 43 Resp: 250182  
Ion Ratio Lower Upper  
43 100  
72 24.2 19.9 29.9



#26  
2,2-Dichloropropane  
Concen: 45.883 ug/l  
RT: 4.459 min Scan# 553  
Delta R.T. -0.012 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 77 Resp: 186043  
Ion Ratio Lower Upper  
77 100  
97 23.1 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 45.395 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

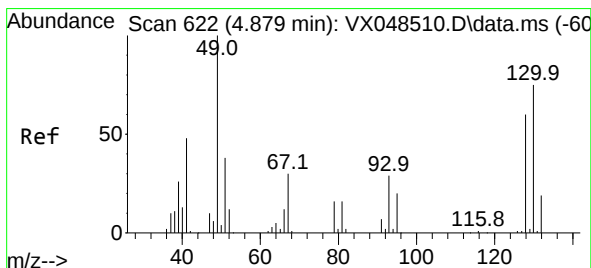
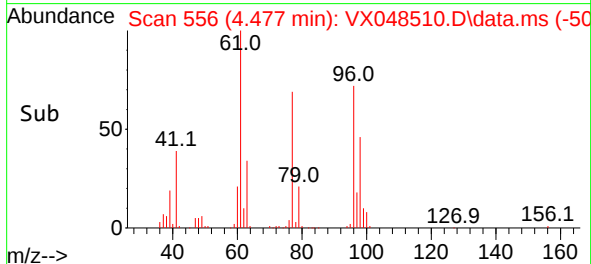
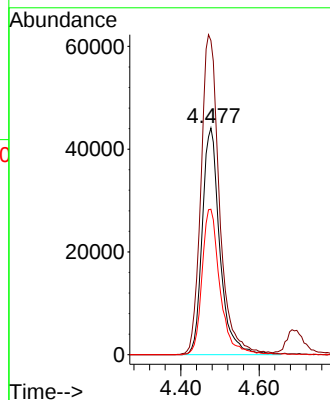
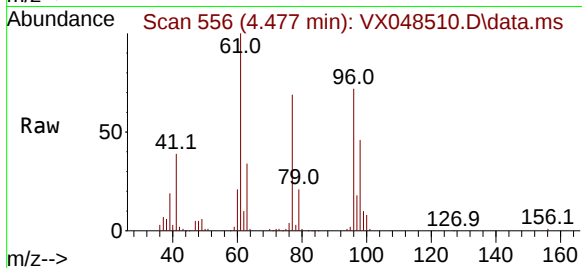
Tgt Ion: 96 Resp: 137512

Ion Ratio Lower Upper

96 100

61 148.9 0.0 294.2

98 65.4 0.0 128.4



#28

Bromochloromethane

Concen: 50.045 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

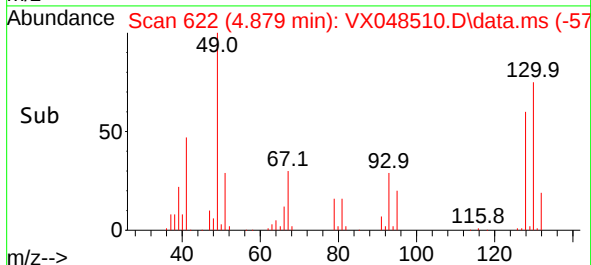
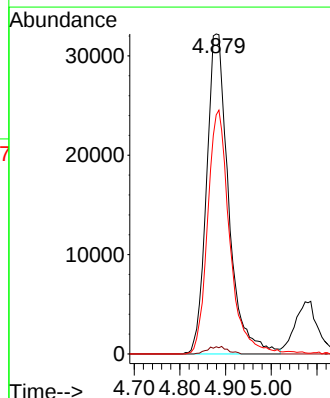
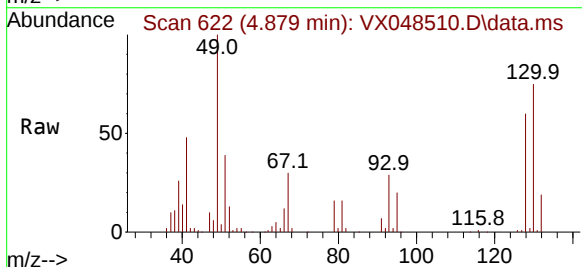
Tgt Ion: 49 Resp: 108101

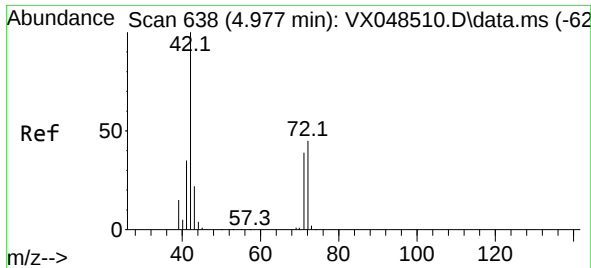
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 75.9 59.3 88.9

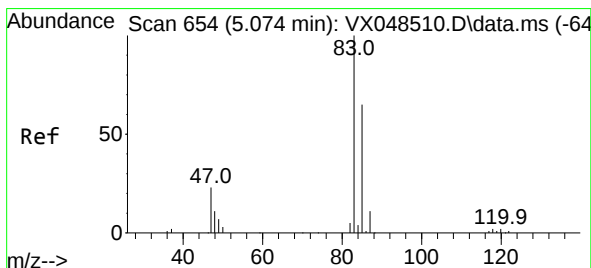
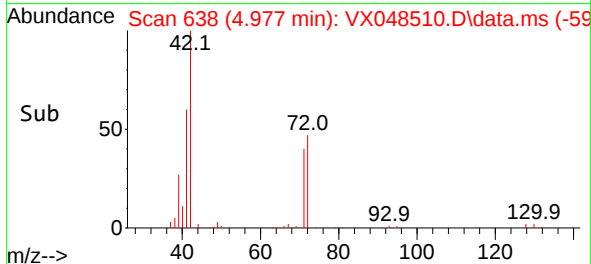
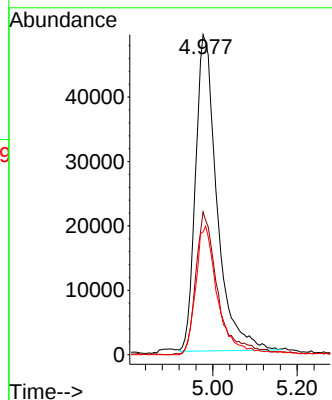
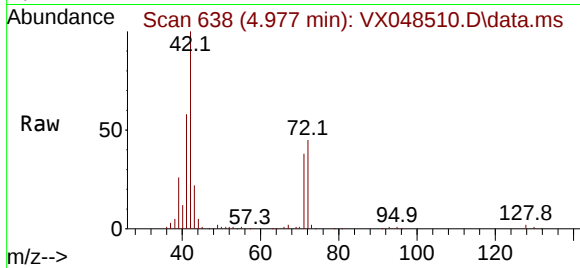




#29  
Tetrahydrofuran  
Concen: 228.959 ug/l  
RT: 4.977 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

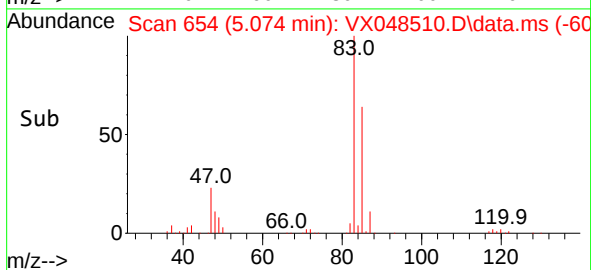
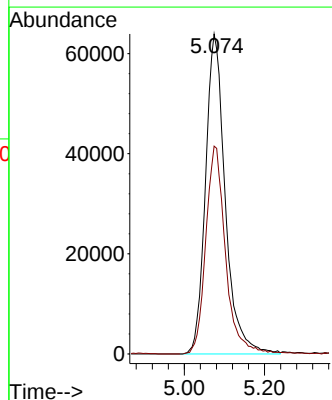
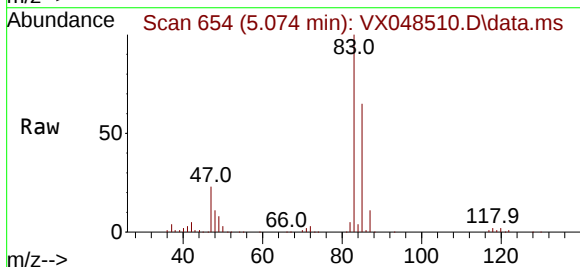
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

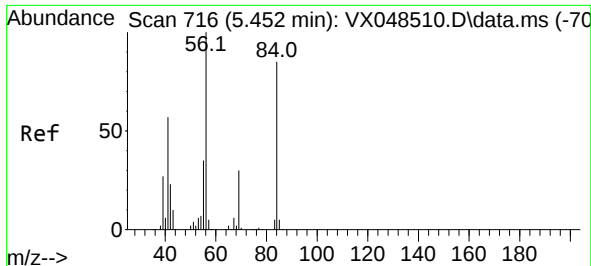
Tgt Ion: 42 Resp: 174138  
Ion Ratio Lower Upper  
42 100  
72 46.3 35.3 52.9  
71 41.6 32.2 48.4



#30  
Chloroform  
Concen: 45.156 ug/l  
RT: 5.074 min Scan# 654  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 83 Resp: 218377  
Ion Ratio Lower Upper  
83 100  
85 64.9 50.1 75.1

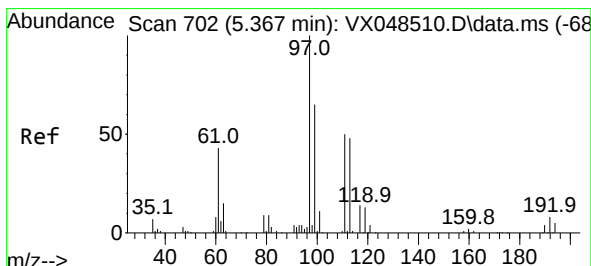
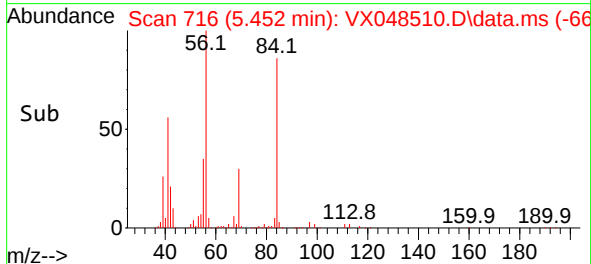
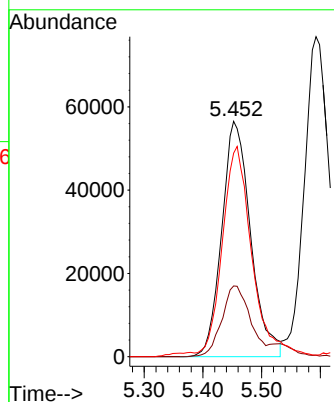
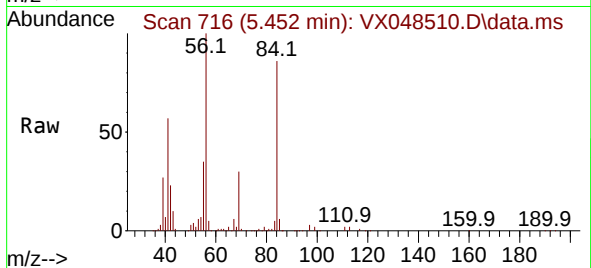




#31  
Cyclohexane  
Concen: 47.502 ug/l  
RT: 5.452 min Scan# 716  
Delta R.T. -0.012 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

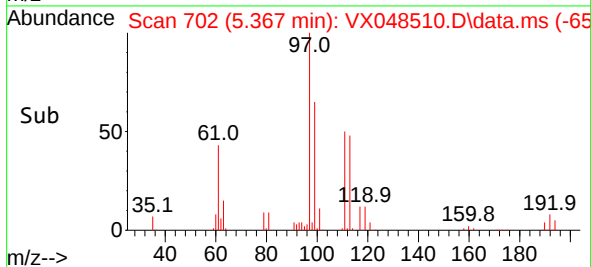
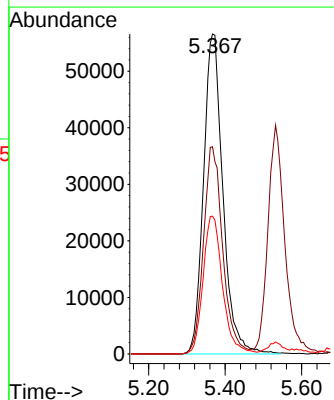
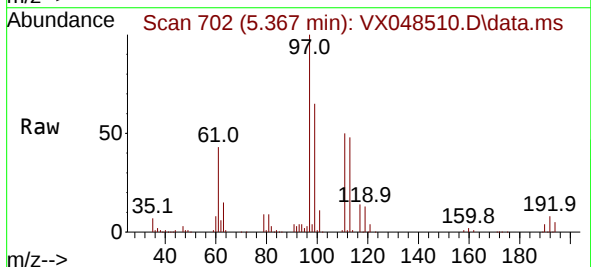
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

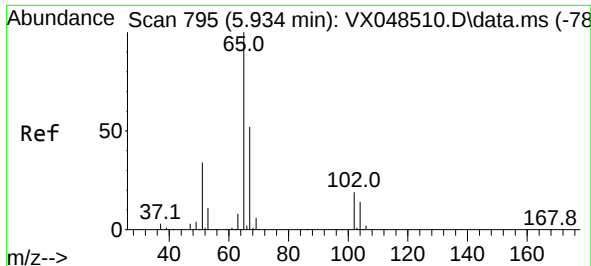
Tgt Ion: 56 Resp: 192761  
Ion Ratio Lower Upper  
56 100  
69 30.0 23.0 34.6  
84 85.0 64.6 97.0



#32  
1,1,1-Trichloroethane  
Concen: 46.683 ug/l  
RT: 5.367 min Scan# 702  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 97 Resp: 199294  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.7 77.5  
61 43.2 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 46.215 ug/l

RT: 5.934 min Scan# 795

Delta R.T. -0.006 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

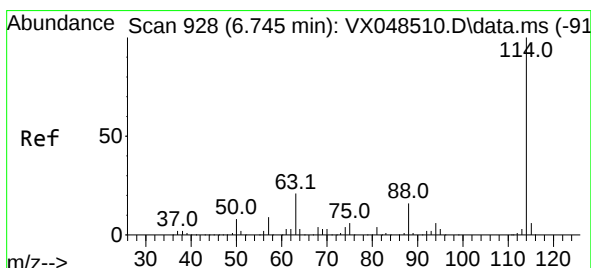
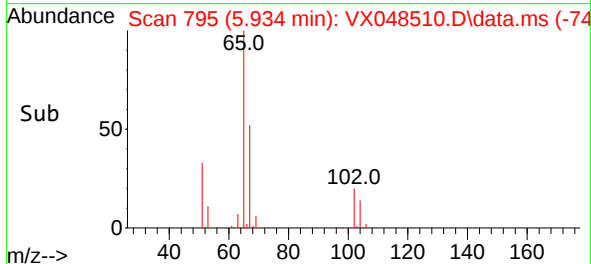
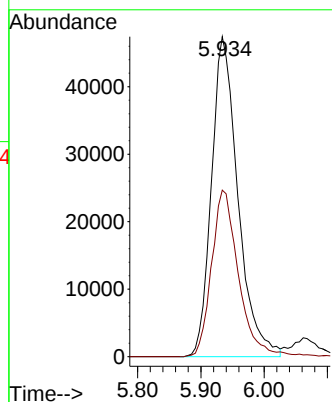
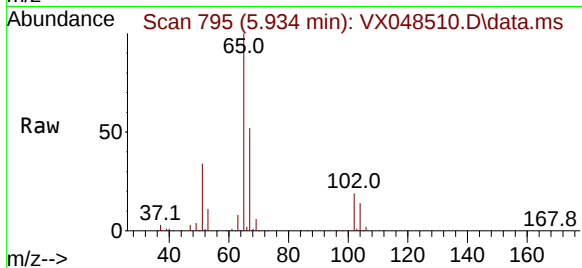
VSTDICCC050

Tgt Ion: 65 Resp: 137582

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

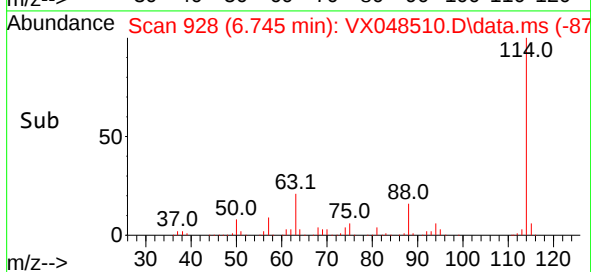
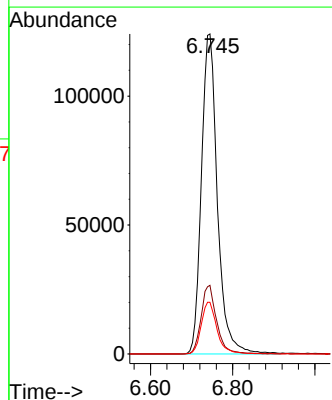
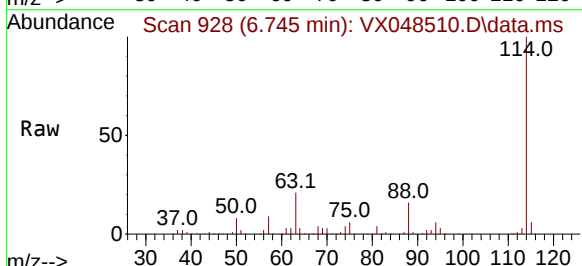
Tgt Ion: 114 Resp: 335187

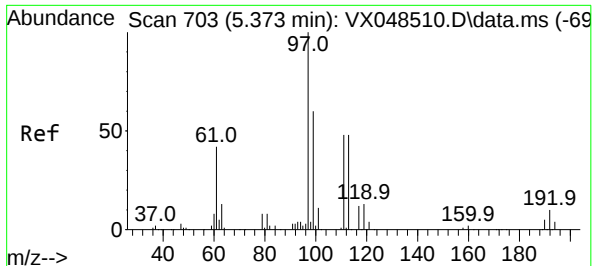
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

88 16.1 0.0 33.6

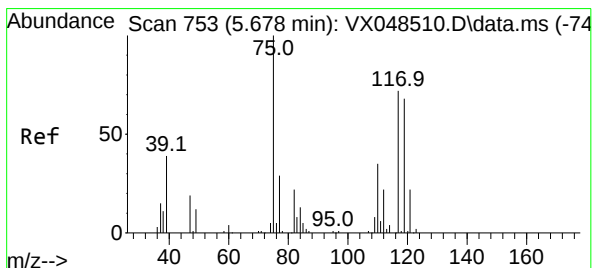
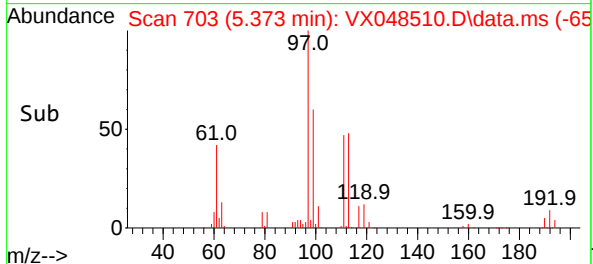
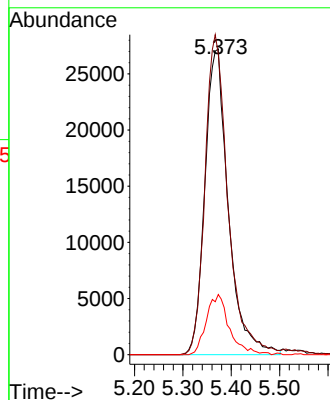
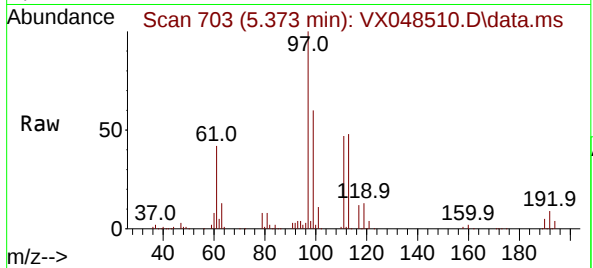




#35  
Dibromofluoromethane  
Concen: 48.093 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

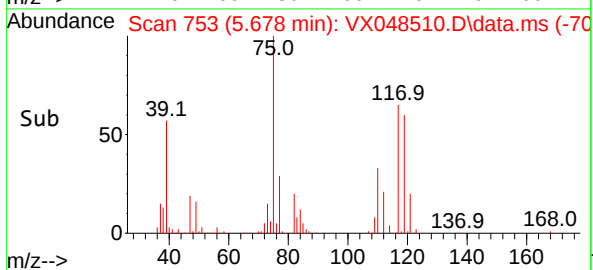
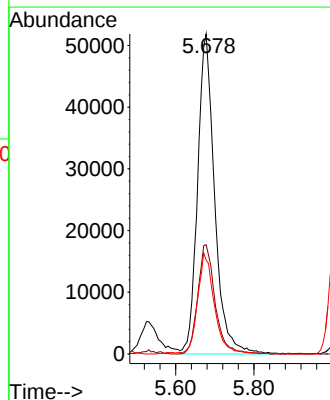
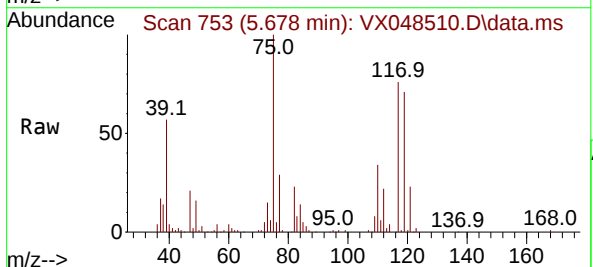
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

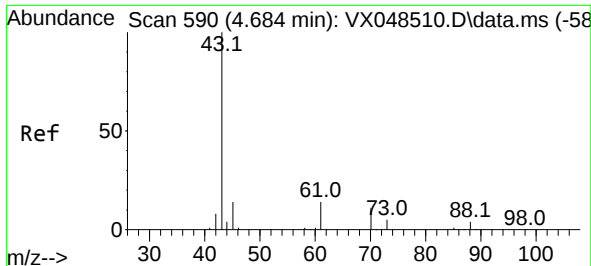
Tgt Ion:113 Resp: 91793  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.2 123.4  
192 19.3 15.1 22.7



#36  
1,1-Dichloropropene  
Concen: 49.286 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 75 Resp: 157003  
Ion Ratio Lower Upper  
75 100  
110 34.7 17.7 53.1  
77 30.3 24.3 36.5





#37

Ethyl Acetate

Concen: 48.300 ug/l

RT: 4.684 min Scan# 590

Delta R.T. -0.012 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

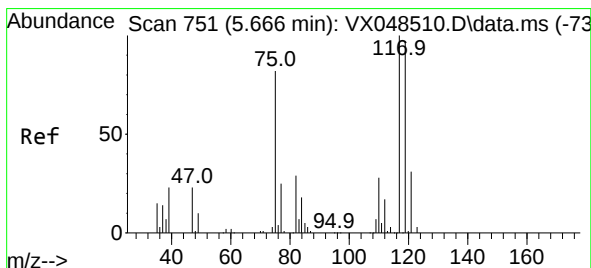
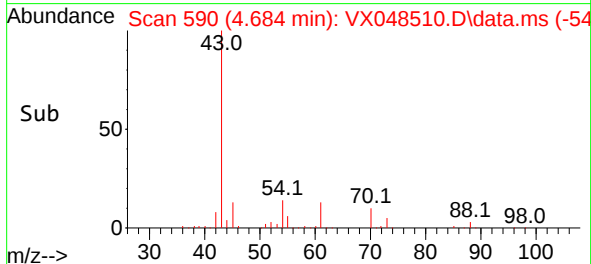
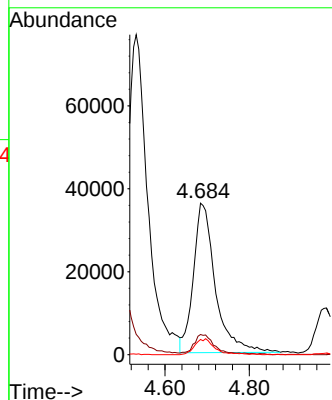
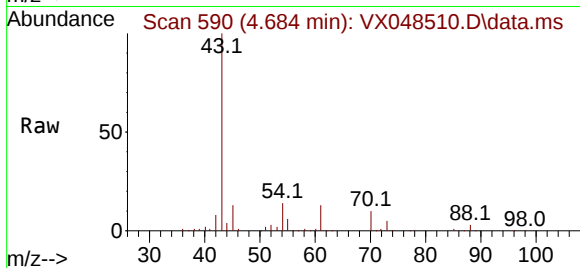
Tgt Ion: 43 Resp: 131011

Ion Ratio Lower Upper

43 100

61 12.0 10.6 15.8

70 9.6 7.8 11.6



#38

Carbon Tetrachloride

Concen: 46.948 ug/l

RT: 5.666 min Scan# 751

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

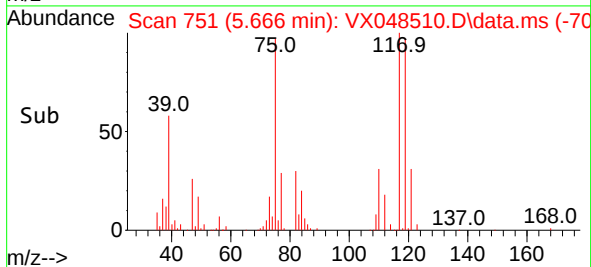
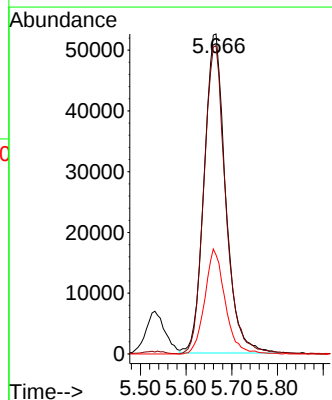
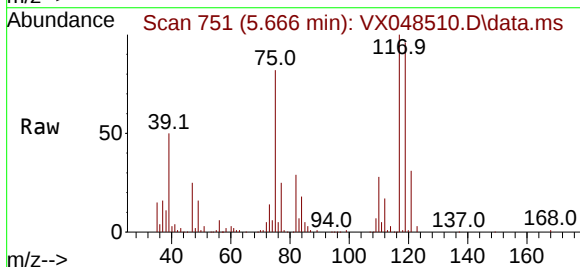
Tgt Ion: 117 Resp: 171444

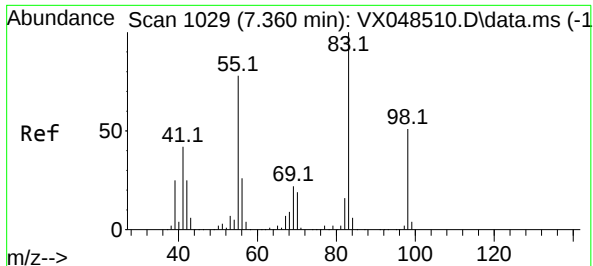
Ion Ratio Lower Upper

117 100

119 96.6 77.2 115.8

121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 48.998 ug/l

RT: 7.360 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

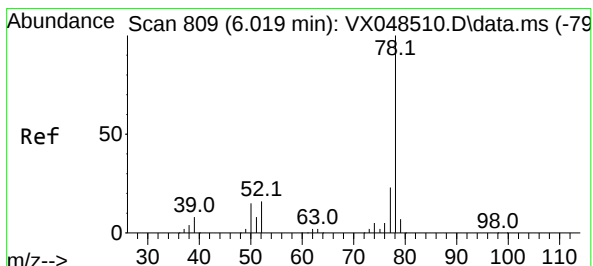
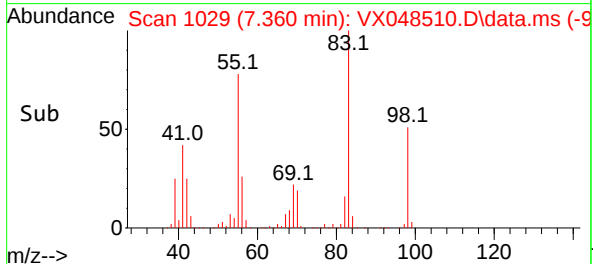
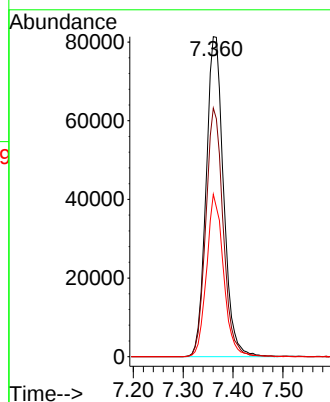
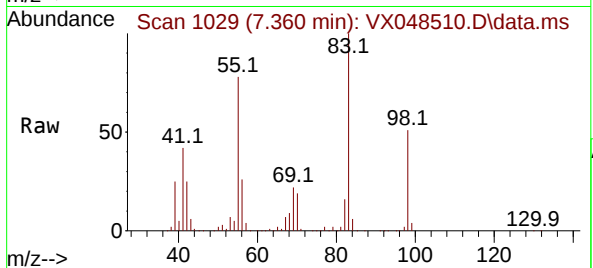
Tgt Ion: 83 Resp: 198201

Ion Ratio Lower Upper

83 100

55 77.7 66.2 99.2

98 50.8 38.9 58.3



#40

Benzene

Concen: 47.961 ug/l

RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX048510.D

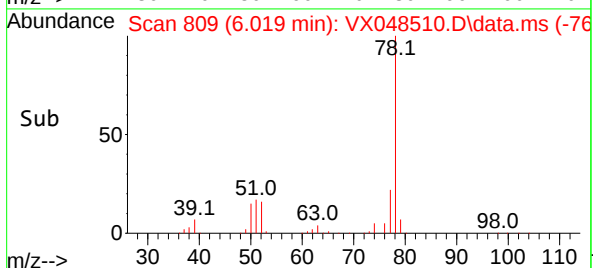
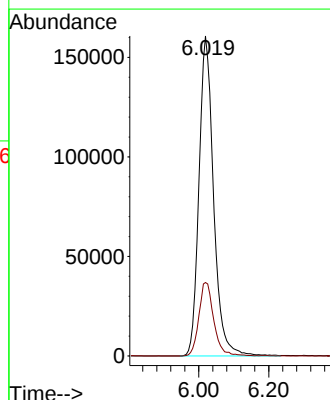
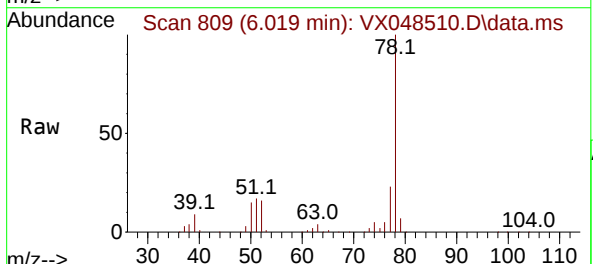
Acq: 06 Nov 2025 10:38

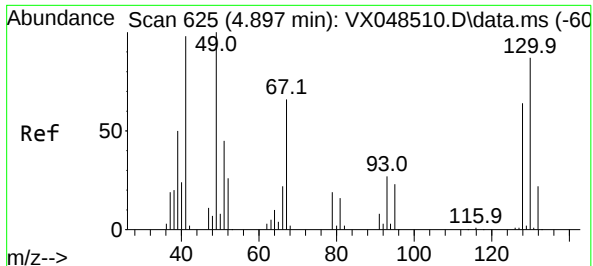
Tgt Ion: 78 Resp: 465802

Ion Ratio Lower Upper

78 100

77 23.0 19.3 28.9



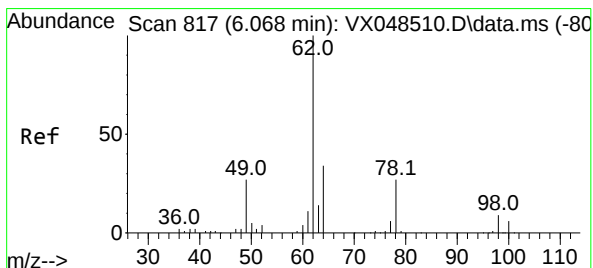
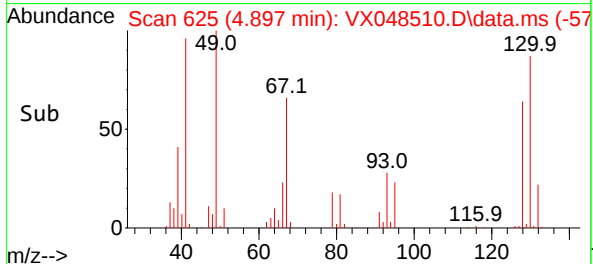
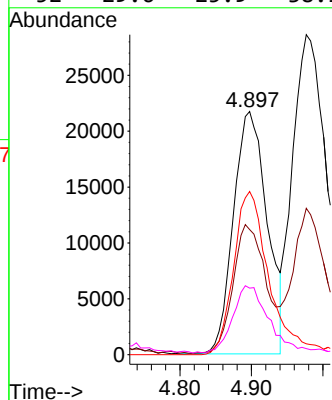
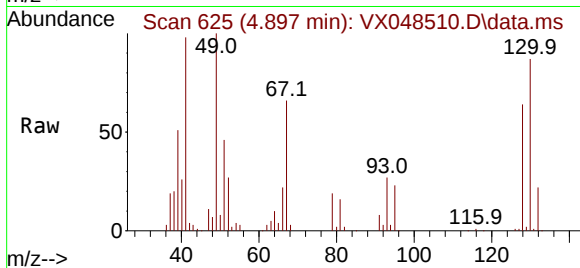


#41  
Methacrylonitrile  
Concen: 51.743 ug/l  
RT: 4.897 min Scan# 611  
Delta R.T. -0.012 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 41 Resp: 71113

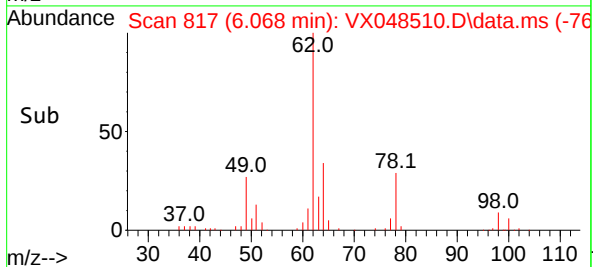
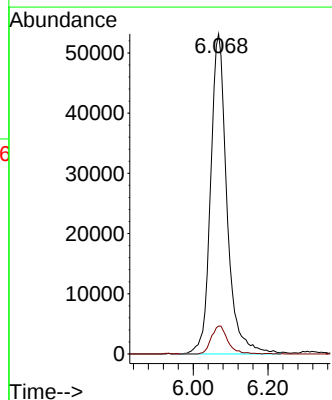
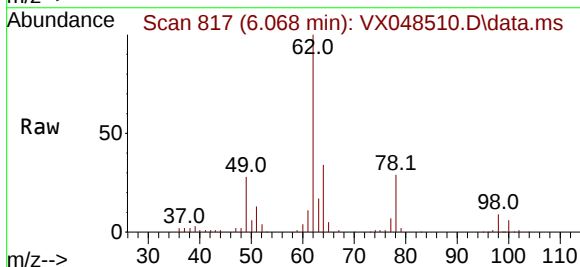
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 50.2  | 44.0  | 66.0  |
| 67  | 72.0  | 58.7  | 88.1  |
| 52  | 29.6  | 25.9  | 38.9  |

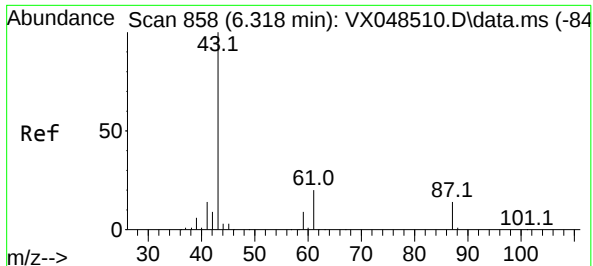


#42  
1,2-Dichloroethane  
Concen: 47.064 ug/l  
RT: 6.068 min Scan# 817  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 62 Resp: 161537

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.8   | 0.0   | 17.2  |

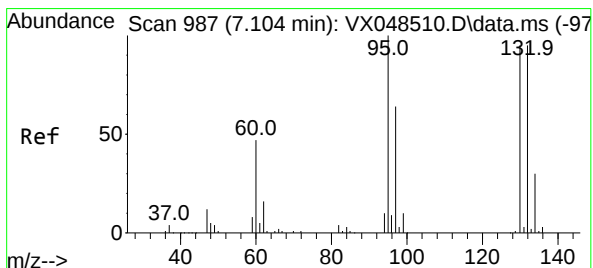
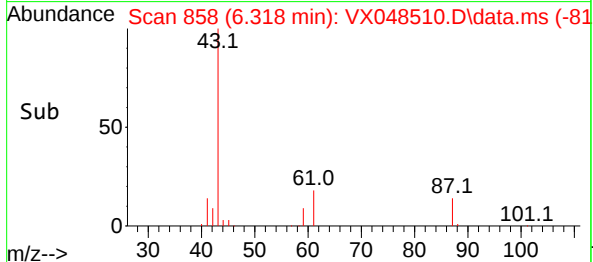
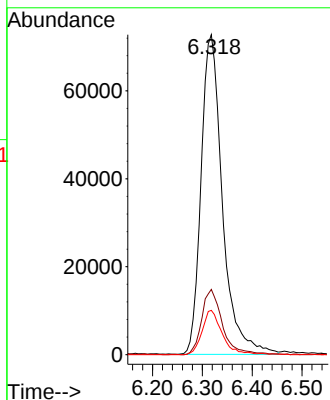
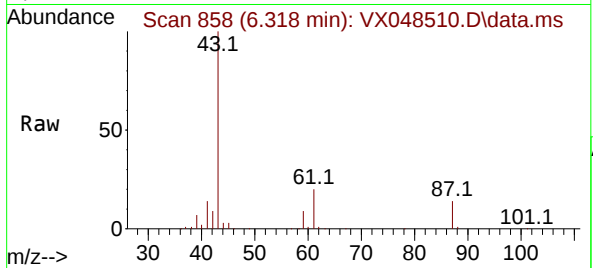




#43  
Isopropyl Acetate  
Concen: 48.262 ug/l  
RT: 6.318 min Scan# 858  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

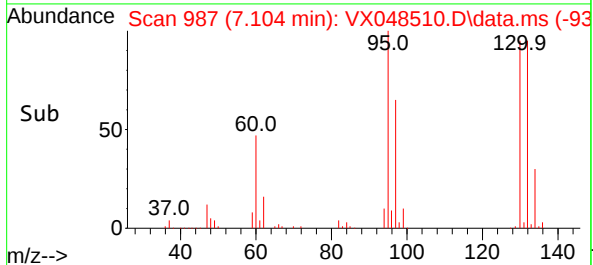
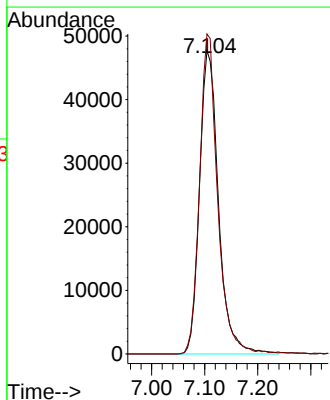
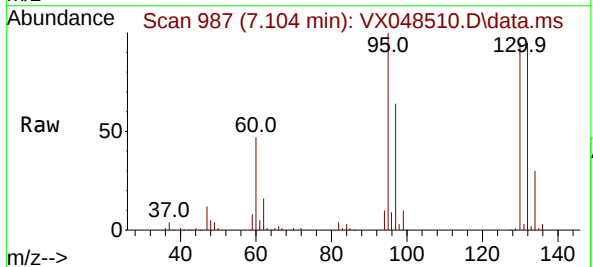
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

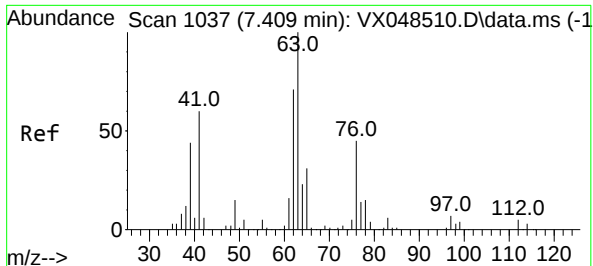
Tgt Ion: 43 Resp: 216439  
Ion Ratio Lower Upper  
43 100  
61 19.8 14.9 22.3  
87 13.0 9.4 14.2



#44  
Trichloroethene  
Concen: 46.641 ug/l  
RT: 7.104 min Scan# 987  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion:130 Resp: 118338  
Ion Ratio Lower Upper  
130 100  
95 105.4 0.0 200.6

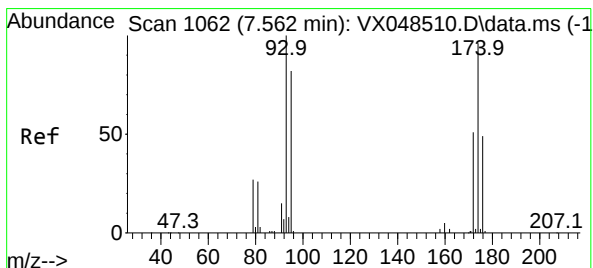
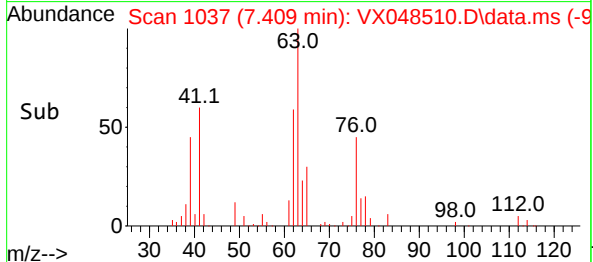
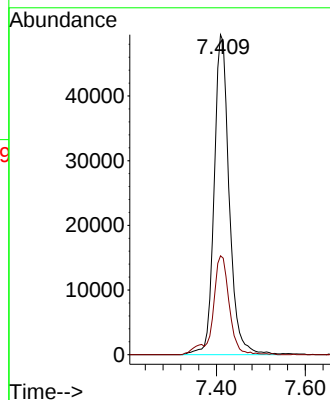
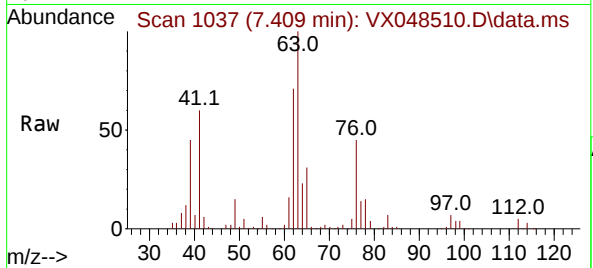




#45  
1,2-Dichloropropane  
Concen: 47.856 ug/l  
RT: 7.409 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

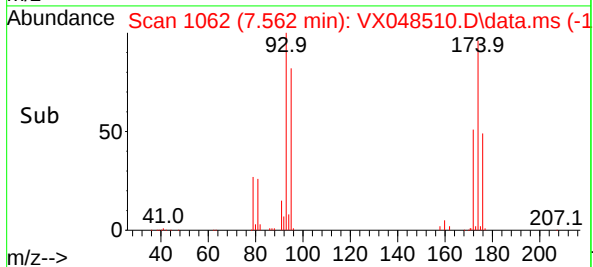
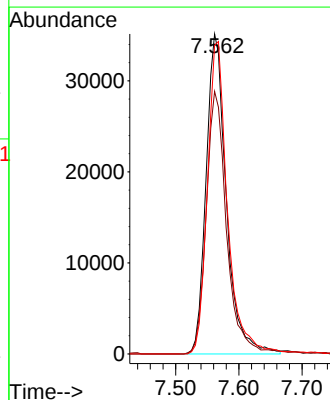
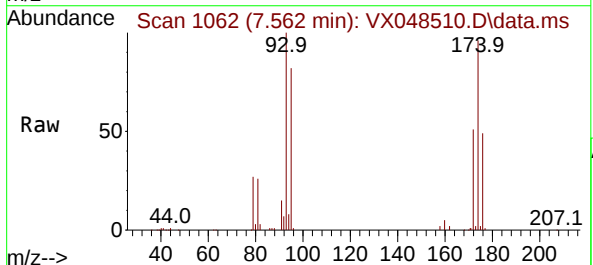
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

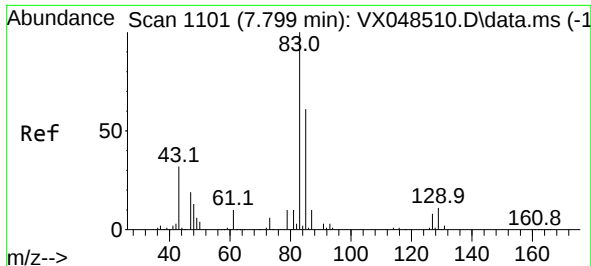
Tgt Ion: 63 Resp: 116377  
Ion Ratio Lower Upper  
63 100  
65 30.9 24.1 36.1



#46  
Dibromomethane  
Concen: 46.131 ug/l  
RT: 7.562 min Scan# 1062  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 93 Resp: 78088  
Ion Ratio Lower Upper  
93 100  
95 83.0 65.9 98.9  
174 97.4 71.7 107.5

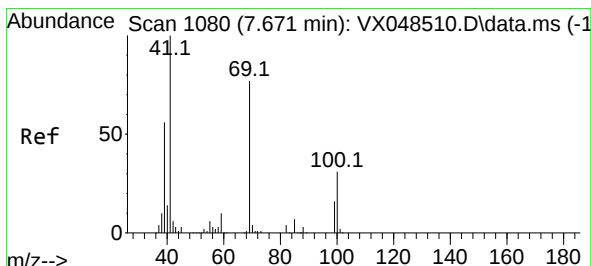
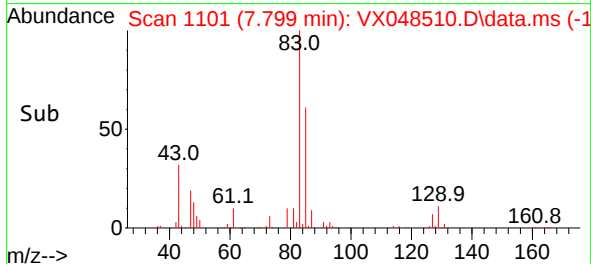
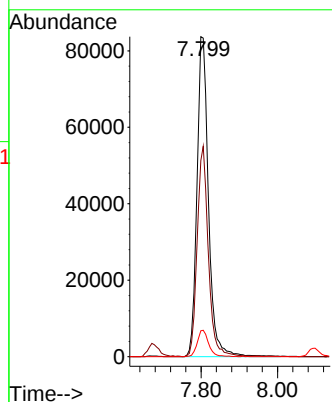
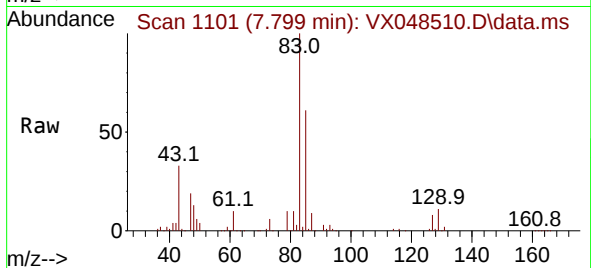




#47  
Bromodichloromethane  
Concen: 48.146 ug/l  
RT: 7.799 min Scan# 1101  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

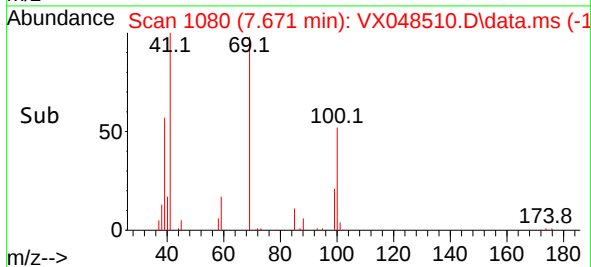
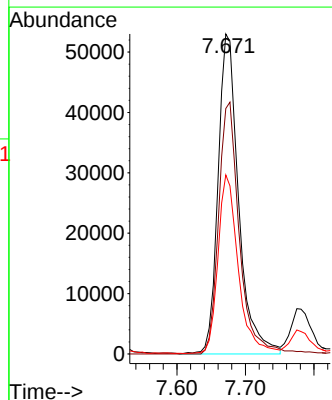
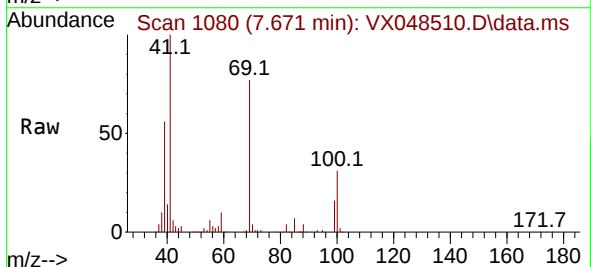
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

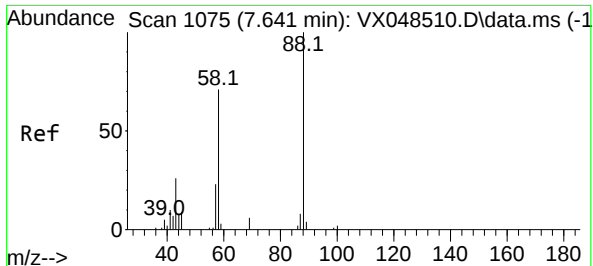
Tgt Ion: 83 Resp: 174414  
Ion Ratio Lower Upper  
83 100  
85 61.2 52.2 78.4  
127 8.1 7.3 10.9



#48  
Methyl methacrylate  
Concen: 50.363 ug/l  
RT: 7.671 min Scan# 1080  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 41 Resp: 110657  
Ion Ratio Lower Upper  
41 100  
69 79.5 63.4 95.0  
39 54.8 47.1 70.7





#49

1,4-Dioxane

Concen: 1002.671 ug/l

RT: 7.641 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

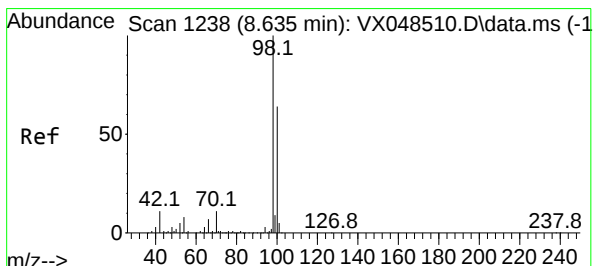
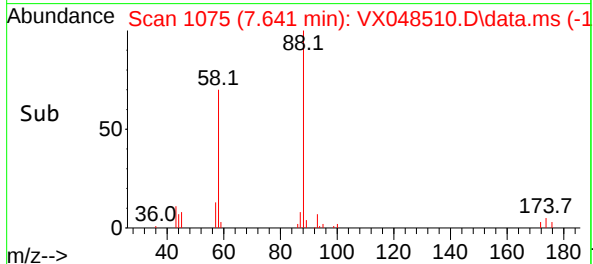
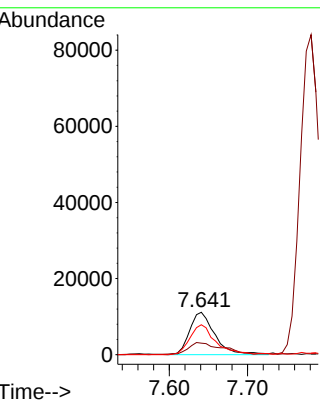
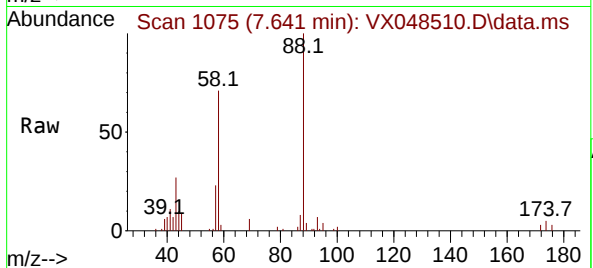
Tgt Ion: 88 Resp: 24805

Ion Ratio Lower Upper

88 100

43 40.2 35.0 52.4

58 71.3 61.9 92.9



#50

Toluene-d8

Concen: 48.865 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048510.D

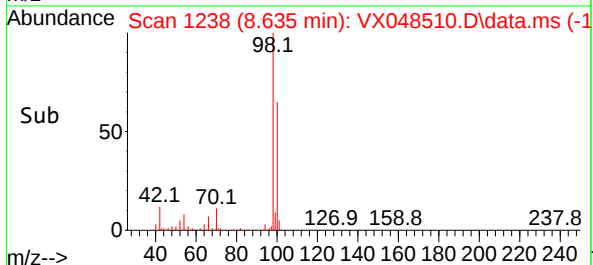
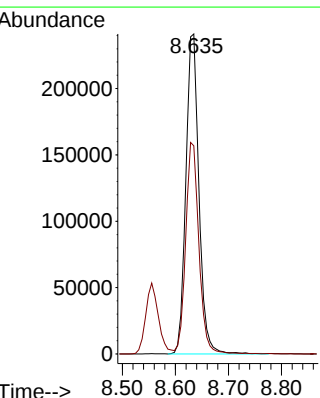
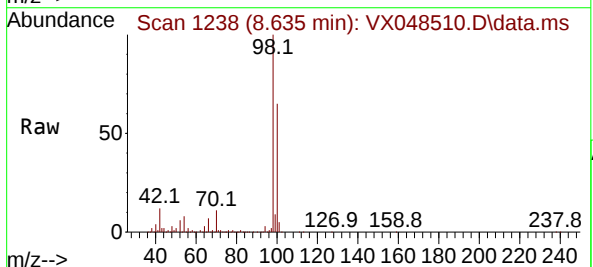
Acq: 06 Nov 2025 10:38

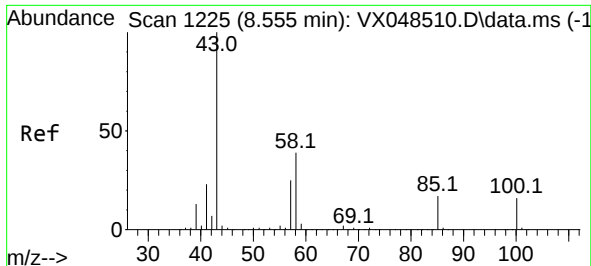
Tgt Ion: 98 Resp: 412885

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 241.649 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

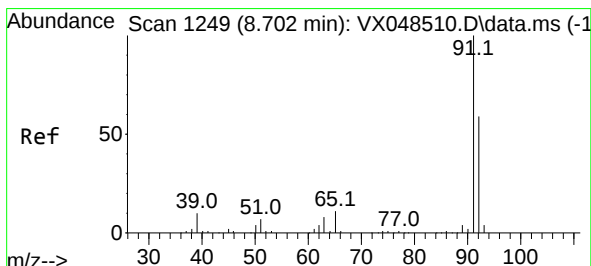
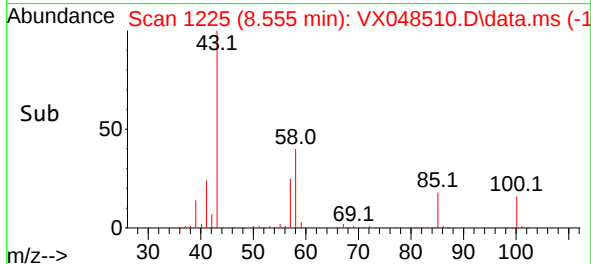
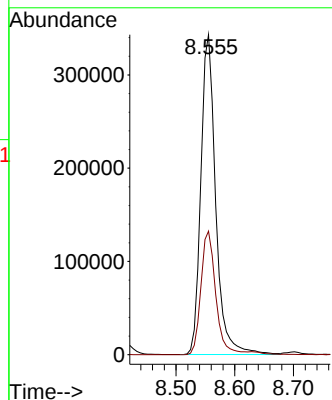
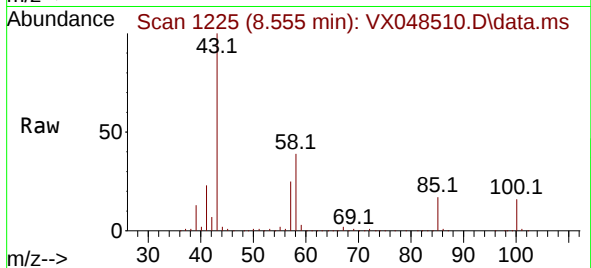
VSTDICCC050

Tgt Ion: 43 Resp: 602917

Ion Ratio Lower Upper

43 100

58 39.3 29.5 44.3



#52

Toluene

Concen: 47.985 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. 0.000 min

Lab File: VX048510.D

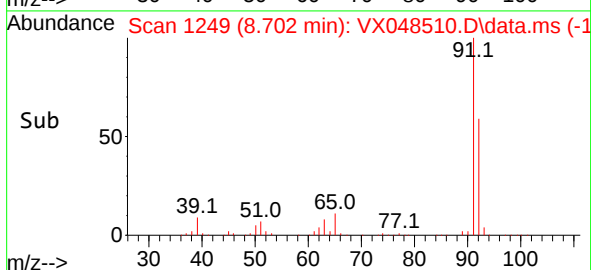
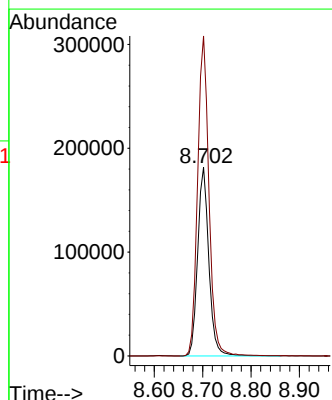
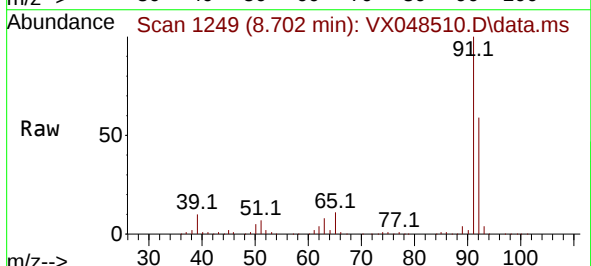
Acq: 06 Nov 2025 10:38

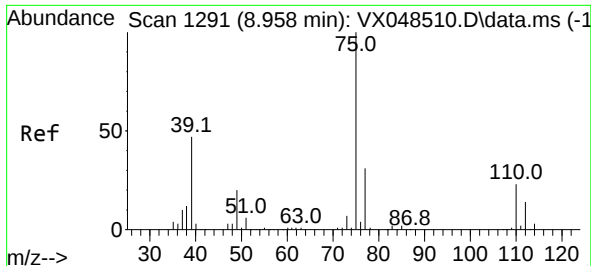
Tgt Ion: 92 Resp: 290526

Ion Ratio Lower Upper

92 100

91 172.0 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 49.040 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

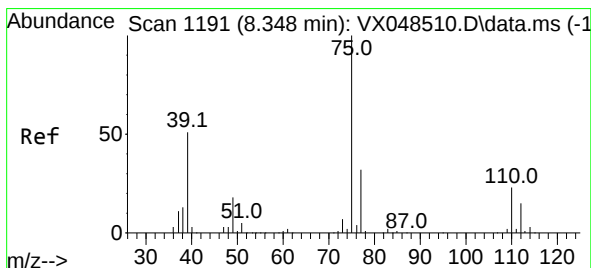
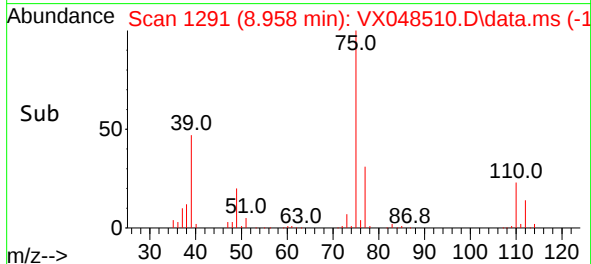
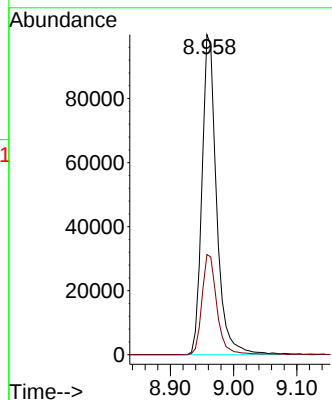
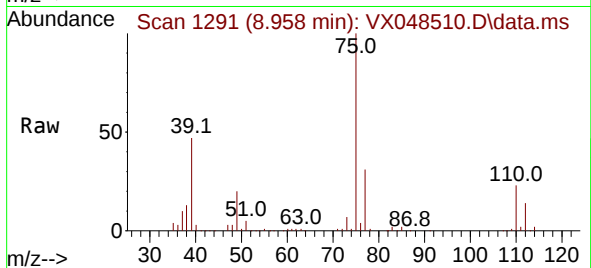
VSTDICCC050

Tgt Ion: 75 Resp: 161019

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 47.476 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

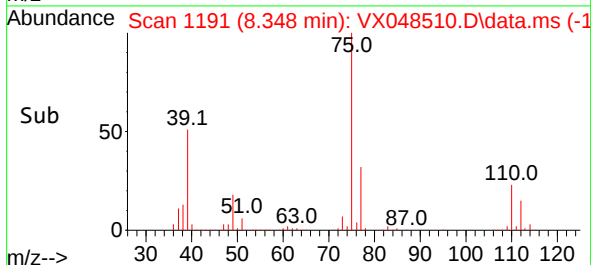
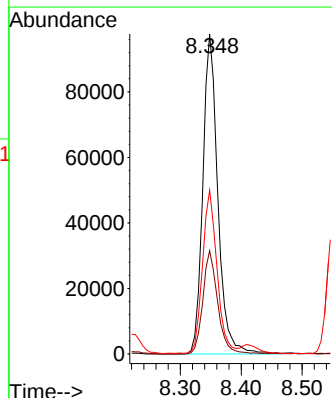
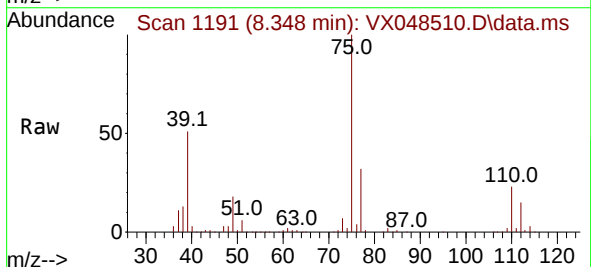
Tgt Ion: 75 Resp: 167583

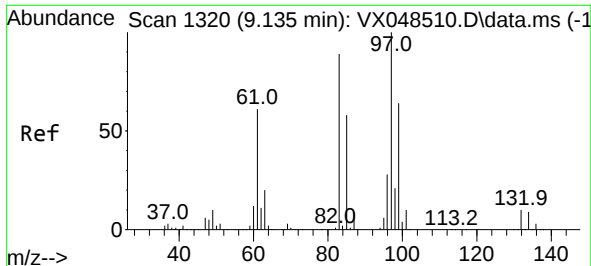
Ion Ratio Lower Upper

75 100

77 32.2 24.9 37.3

39 50.9 42.6 64.0



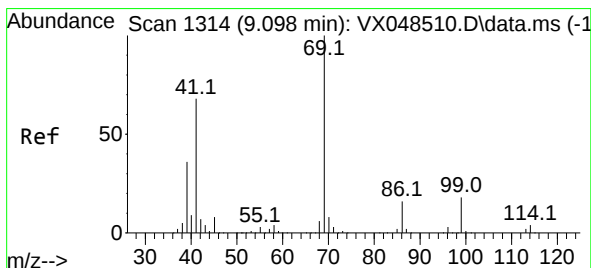
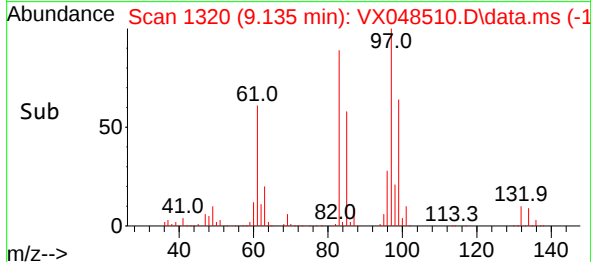
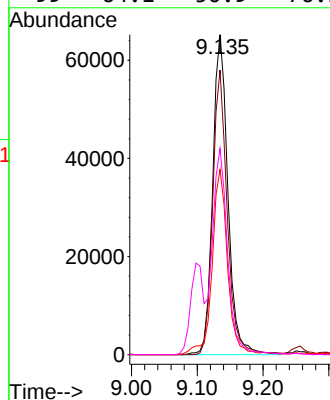
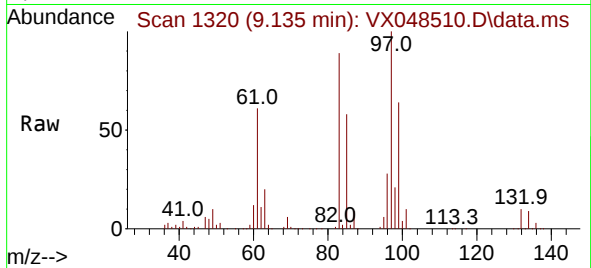


#55  
1,1,2-Trichloroethane  
Concen: 47.692 ug/l  
RT: 9.135 min Scan# 1320  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 97 Resp: 105084

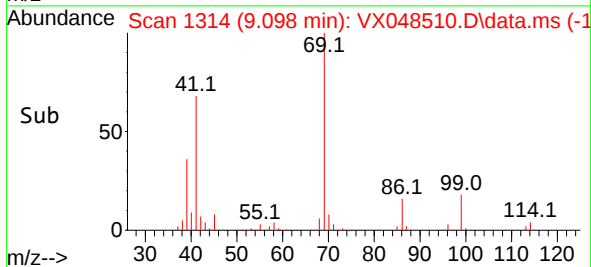
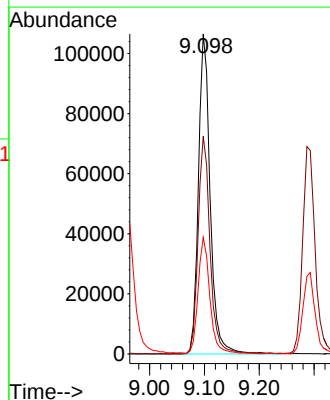
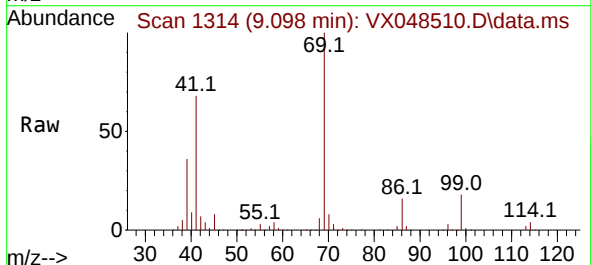
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.9  | 70.6  | 105.8 |
| 85  | 57.8  | 45.0  | 67.6  |
| 99  | 64.1  | 50.9  | 76.3  |

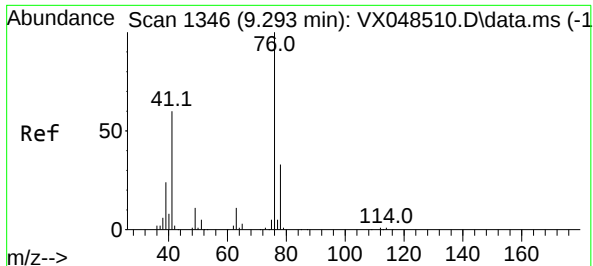


#56  
Ethyl methacrylate  
Concen: 49.380 ug/l  
RT: 9.098 min Scan# 1314  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 69 Resp: 159372

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 69.2  | 56.0  | 84.0  |
| 39  | 36.5  | 31.6  | 47.4  |





#57

1,3-Dichloropropane

Concen: 47.296 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

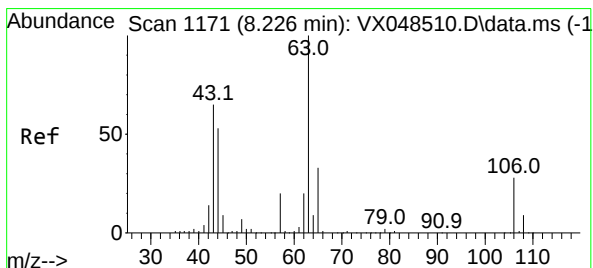
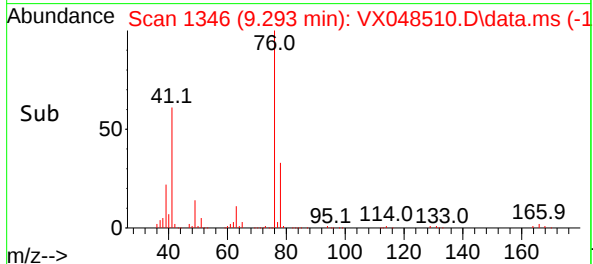
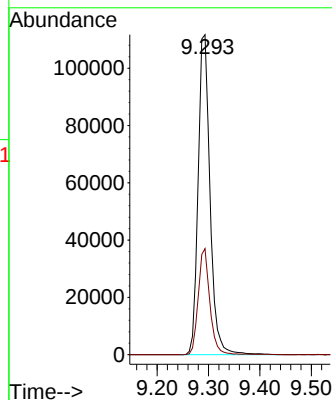
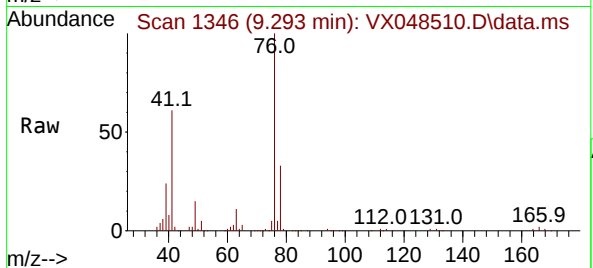
VSTDICCC050

Tgt Ion: 76 Resp: 180198

Ion Ratio Lower Upper

76 100

78 32.4 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 288.231 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048510.D

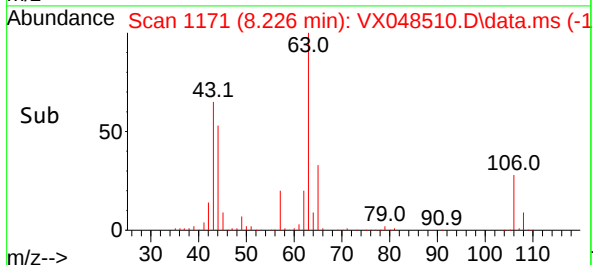
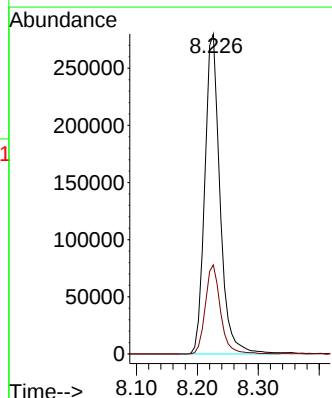
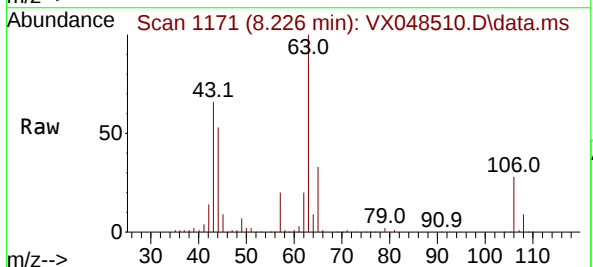
Acq: 06 Nov 2025 10:38

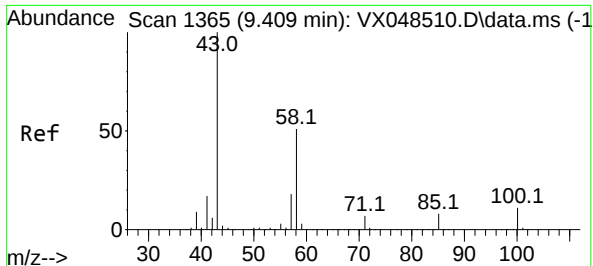
Tgt Ion: 63 Resp: 487425

Ion Ratio Lower Upper

63 100

106 27.7 22.2 33.2

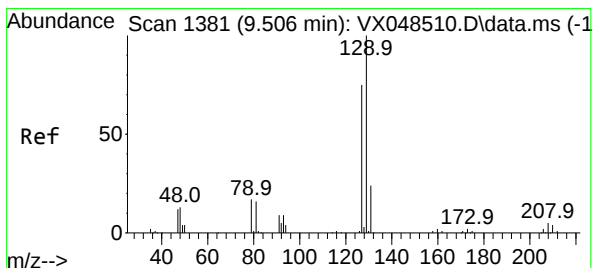
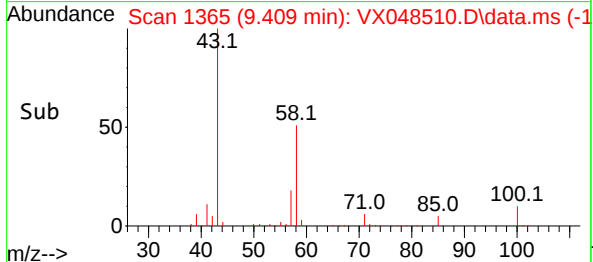
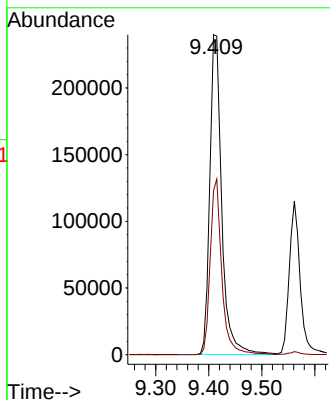
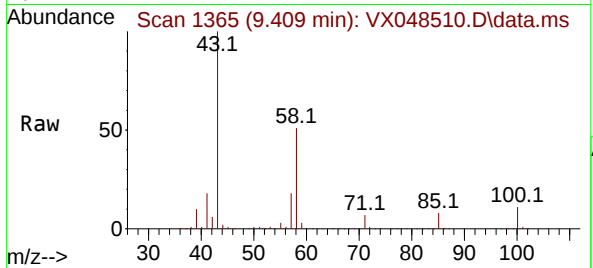




#59  
2-Hexanone  
Concen: 234.222 ug/l  
RT: 9.409 min Scan# 1365  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

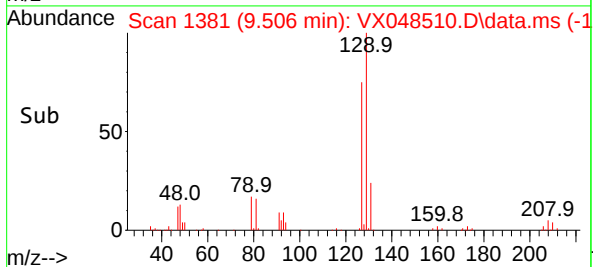
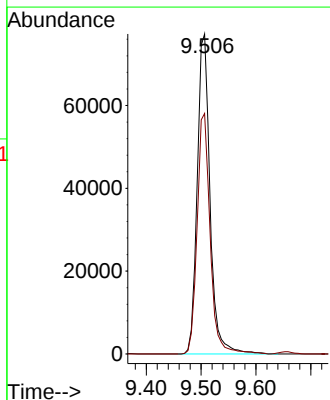
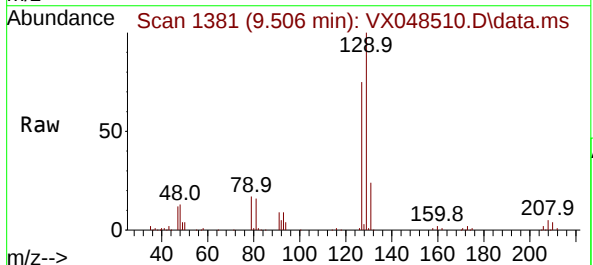
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

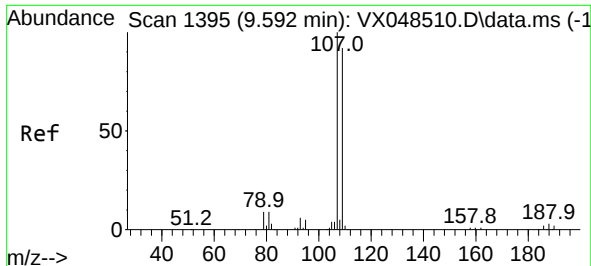
Tgt Ion: 43 Resp: 375753  
Ion Ratio Lower Upper  
43 100  
58 53.1 26.3 78.8



#60  
Dibromochloromethane  
Concen: 46.492 ug/l  
RT: 9.506 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 129 Resp: 125777  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.6 115.7

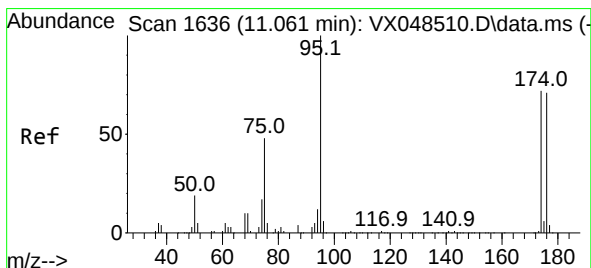
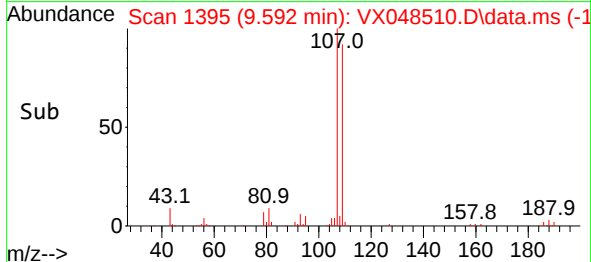
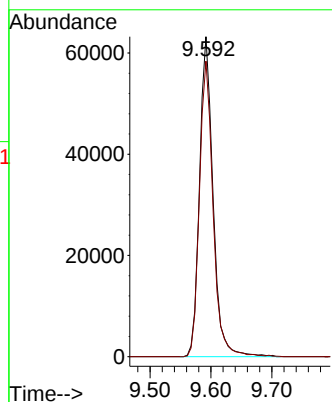
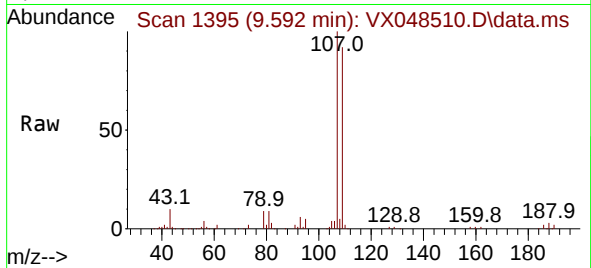




#61  
1,2-Dibromoethane  
Concen: 43.559 ug/l  
RT: 9.592 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

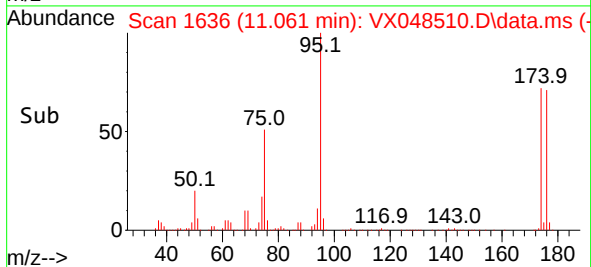
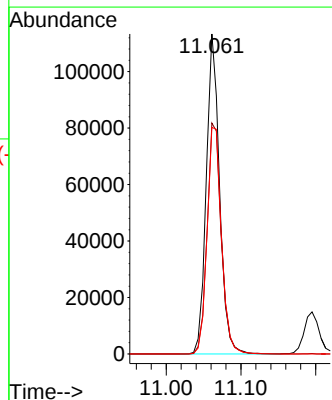
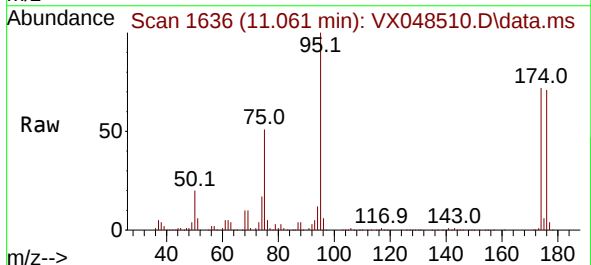
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

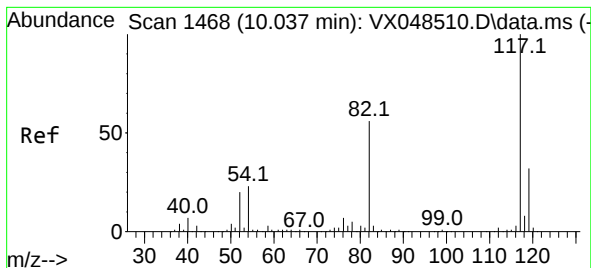
Tgt Ion:107 Resp: 97441  
Ion Ratio Lower Upper  
107 100  
109 93.4 77.0 115.4



#62  
4-Bromofluorobenzene  
Concen: 44.826 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 95 Resp: 139678  
Ion Ratio Lower Upper  
95 100  
174 76.8 0.0 147.8  
176 76.7 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: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

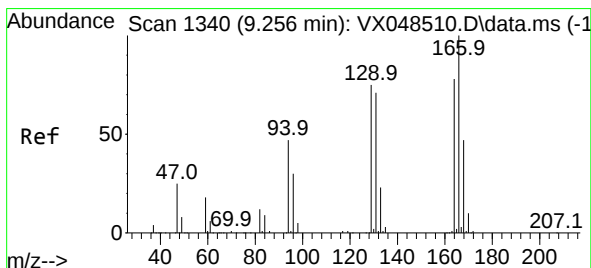
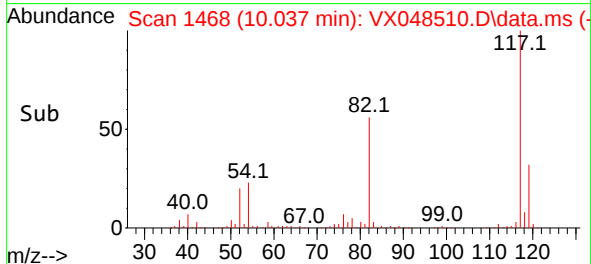
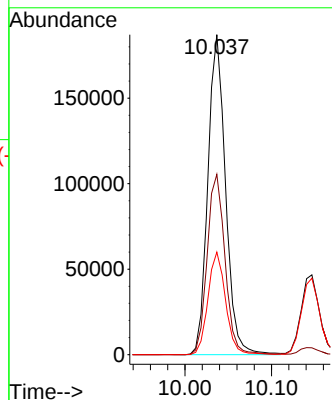
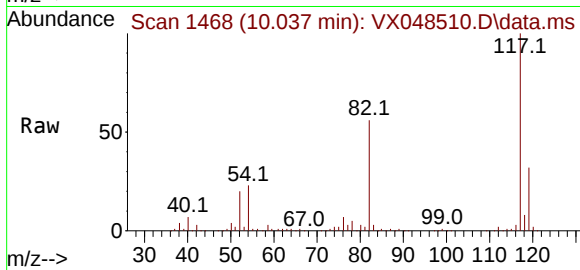
Tgt Ion:117 Resp: 265604

Ion Ratio Lower Upper

117 100

82 56.3 46.5 69.7

119 32.1 25.9 38.9



#64

Tetrachloroethene

Concen: 50.783 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Tgt Ion:164 Resp: 109008

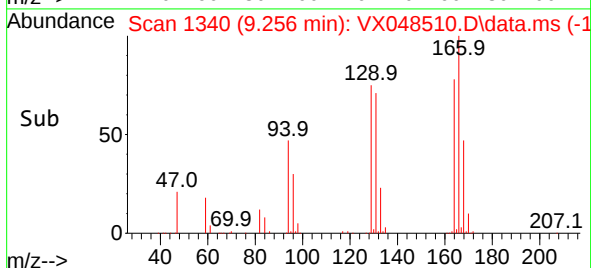
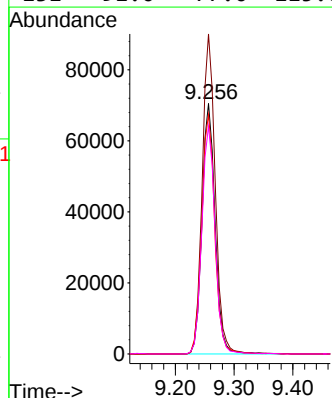
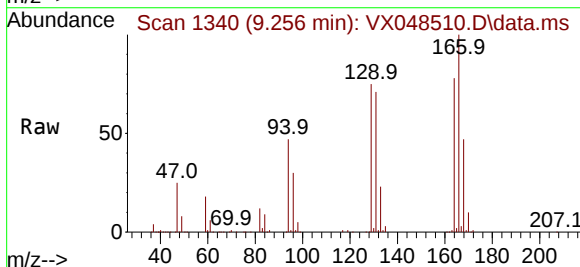
Ion Ratio Lower Upper

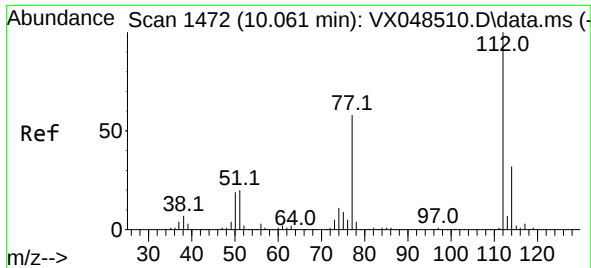
164 100

166 127.8 104.5 156.7

129 95.6 81.8 122.6

131 91.0 77.0 115.6

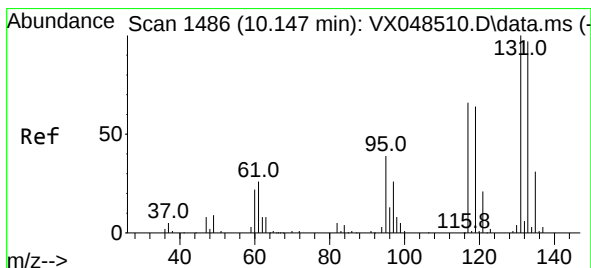
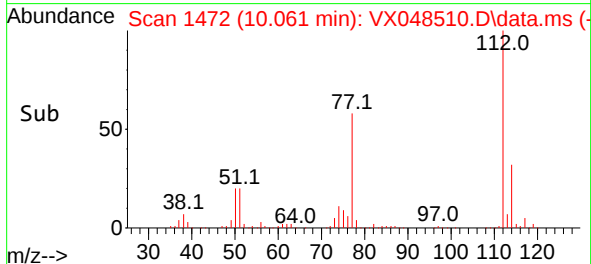
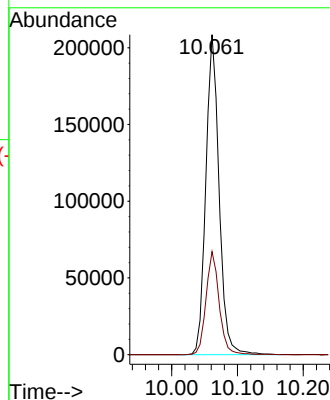
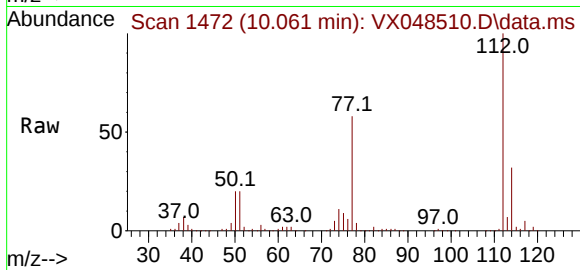




#65  
Chlorobenzene  
Concen: 48.145 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

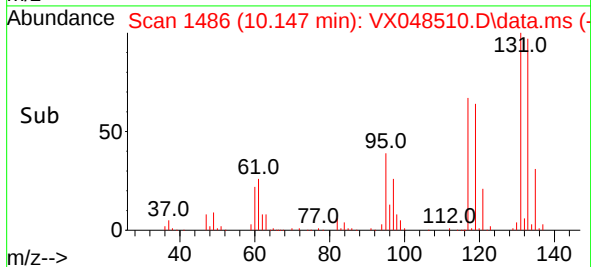
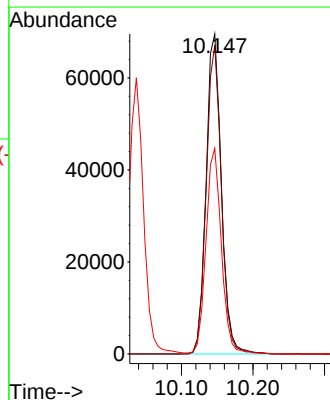
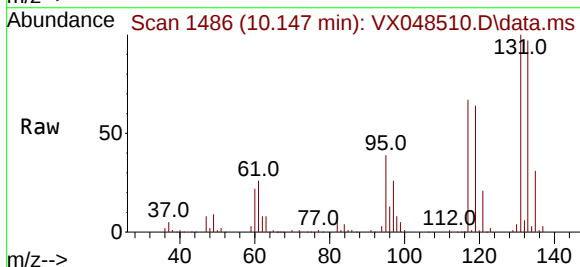
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

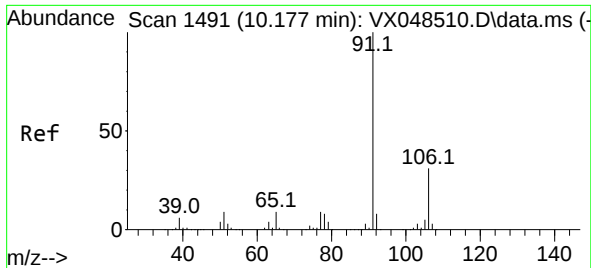
Tgt Ion:112 Resp: 292512  
Ion Ratio Lower Upper  
112 100  
114 32.2 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.856 ug/l  
RT: 10.147 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion:131 Resp: 103480  
Ion Ratio Lower Upper  
131 100  
133 95.3 47.6 142.8  
119 64.7 32.5 97.5





#67

Ethyl Benzene

Concen: 50.795 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

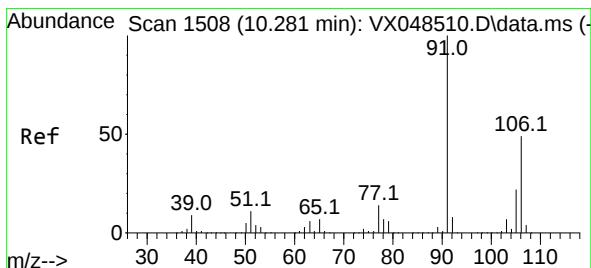
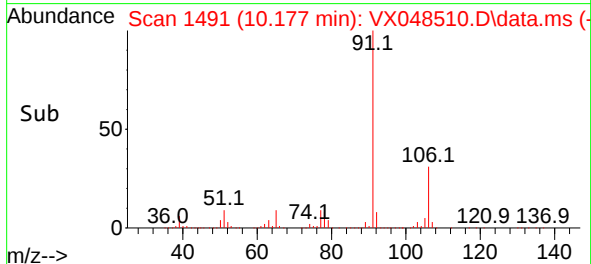
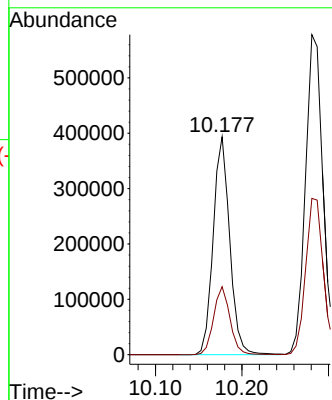
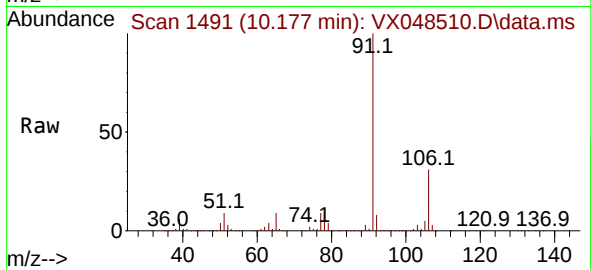
VSTDICCC050

Tgt Ion: 91 Resp: 522027

Ion Ratio Lower Upper

91 100

106 31.2 23.8 35.6



#68

m/p-Xylenes

Concen: 104.066 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX048510.D

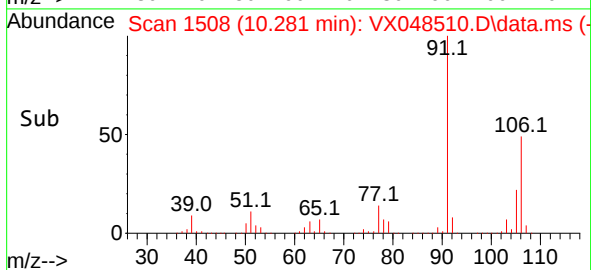
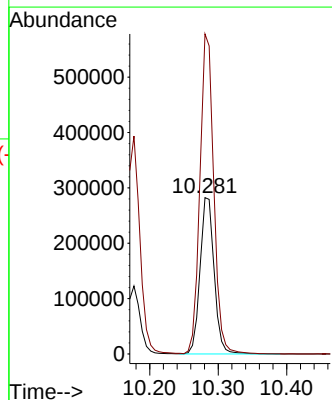
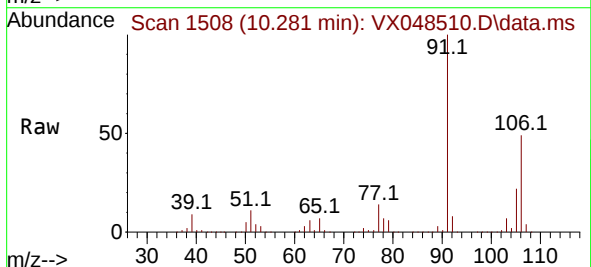
Acq: 06 Nov 2025 10:38

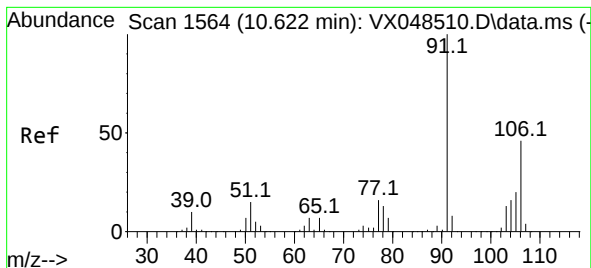
Tgt Ion:106 Resp: 404946

Ion Ratio Lower Upper

106 100

91 201.5 167.9 251.9





#69

o-Xylene

Concen: 52.495 ug/l

RT: 10.622 min Scan# 1564

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

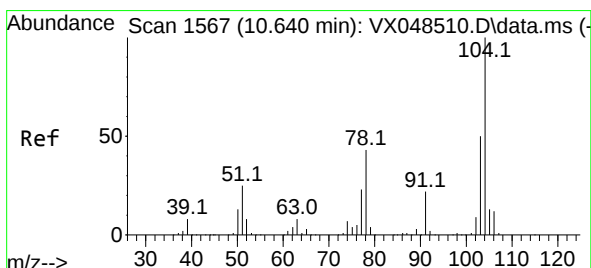
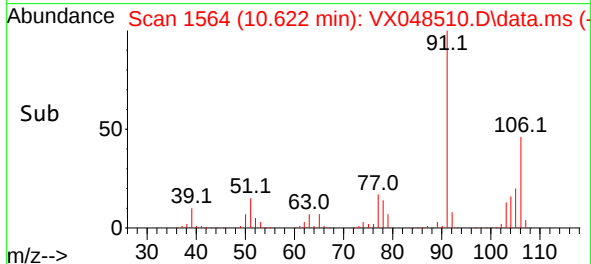
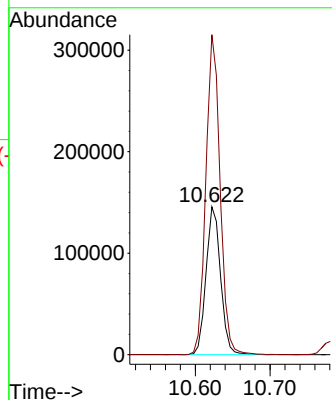
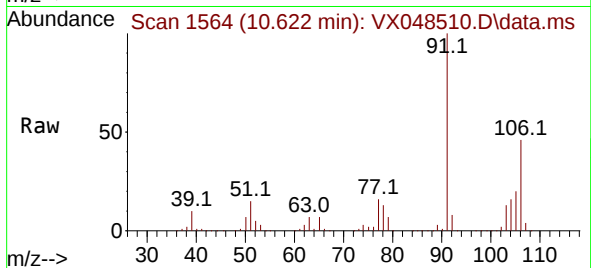
VSTDICCC050

Tgt Ion:106 Resp: 196110

Ion Ratio Lower Upper

106 100

91 212.6 111.3 333.9



#70

Styrene

Concen: 52.475 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

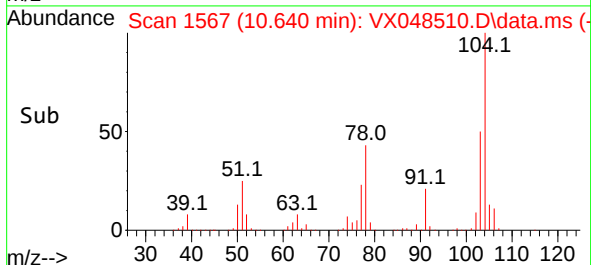
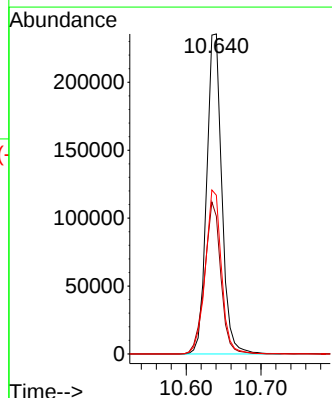
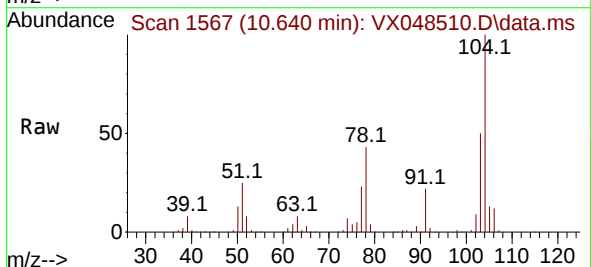
Tgt Ion:104 Resp: 332073

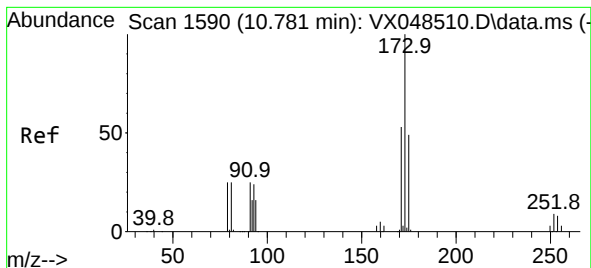
Ion Ratio Lower Upper

104 100

78 50.6 42.2 63.4

103 54.5 43.0 64.4





#71

Bromoform

Concen: 51.035 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

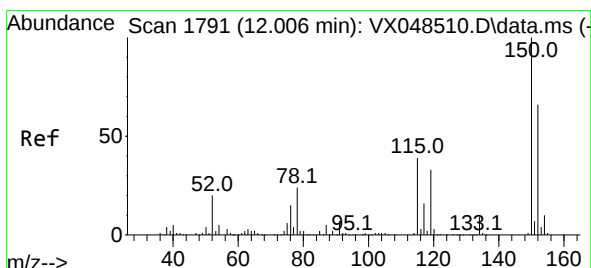
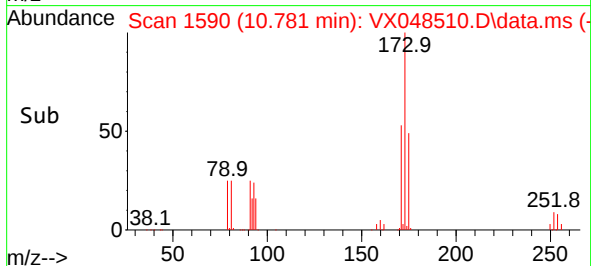
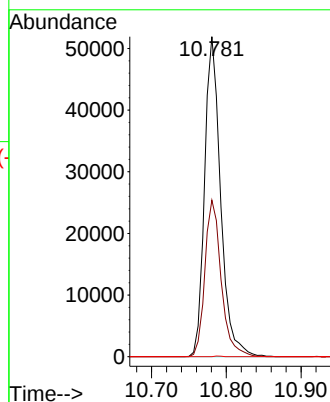
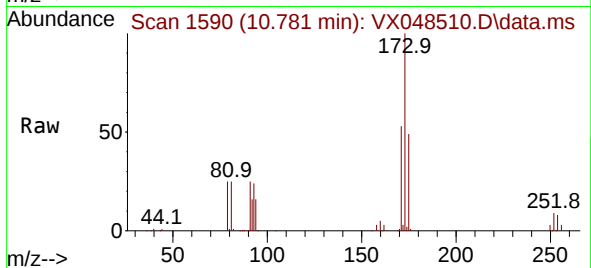
Tgt Ion:173 Resp: 77321

Ion Ratio Lower Upper

173 100

175 49.8 24.0 72.0

254 0.1 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: VX048510.D

Acq: 06 Nov 2025 10:38

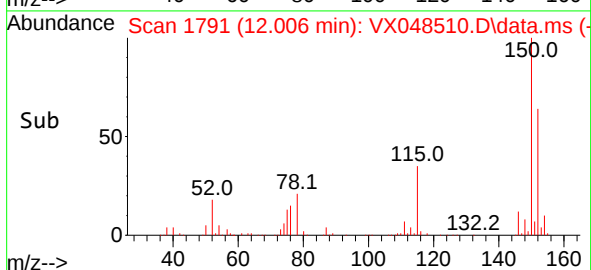
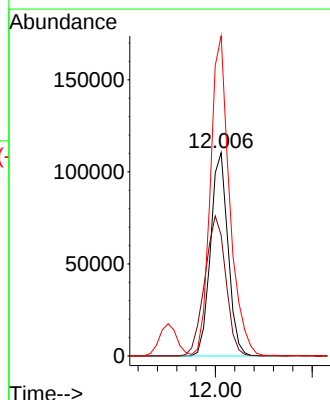
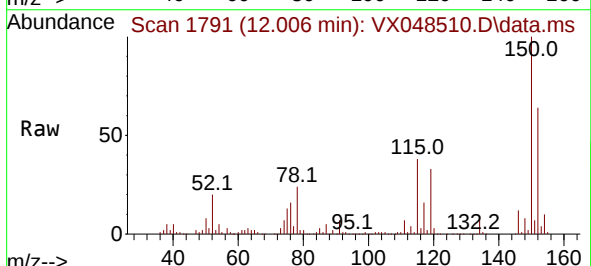
Tgt Ion:152 Resp: 138325

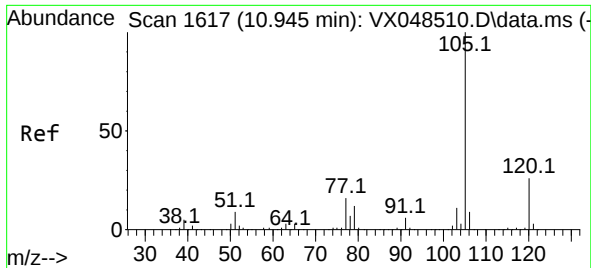
Ion Ratio Lower Upper

152 100

115 83.1 43.1 129.4

150 172.9 0.0 353.0

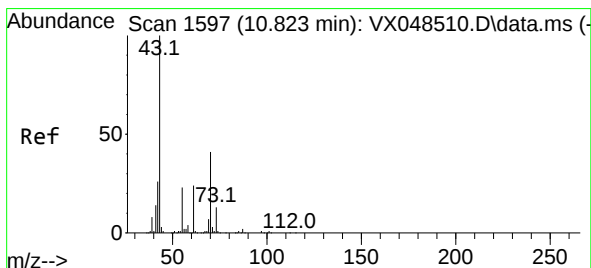
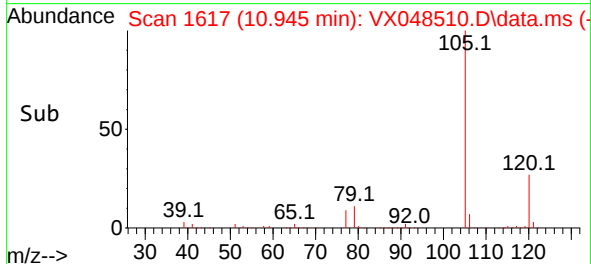
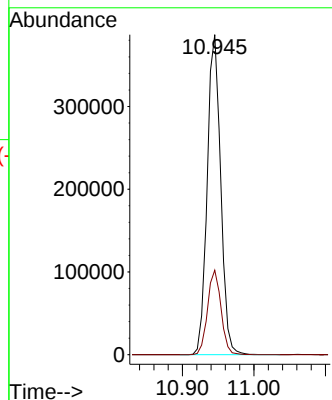
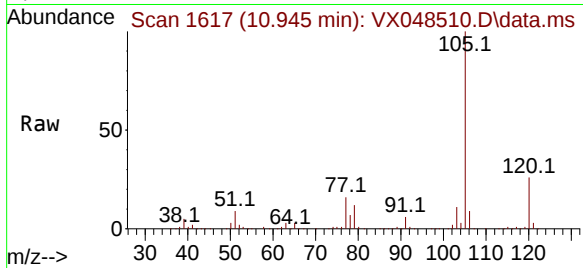




#73  
Isopropylbenzene  
Concen: 49.843 ug/l  
RT: 10.945 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

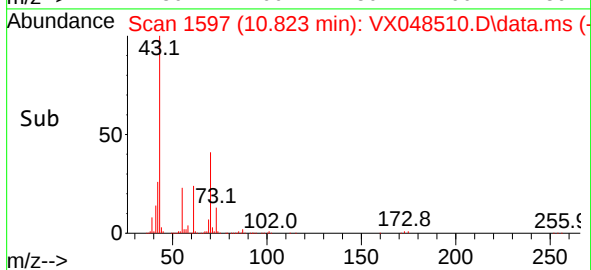
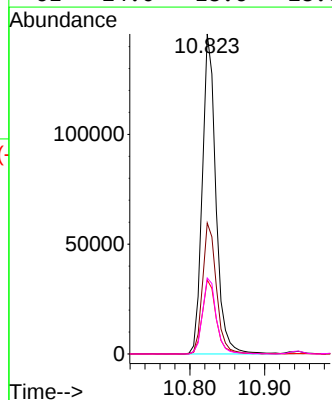
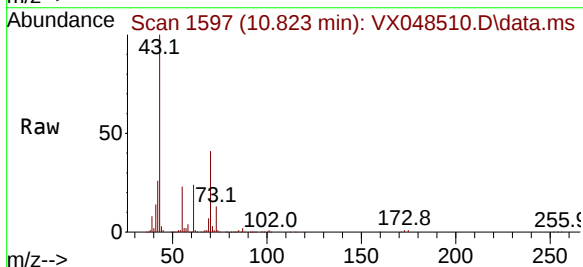
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

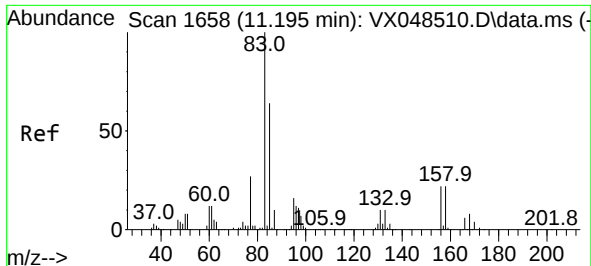
Tgt Ion:105 Resp: 505711  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.0 38.9



#74  
N-ethyl acetate  
Concen: 50.686 ug/l  
RT: 10.823 min Scan# 1597  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 43 Resp: 184160  
Ion Ratio Lower Upper  
43 100  
70 41.7 32.2 48.2  
55 23.5 19.1 28.7  
61 24.0 18.6 28.0

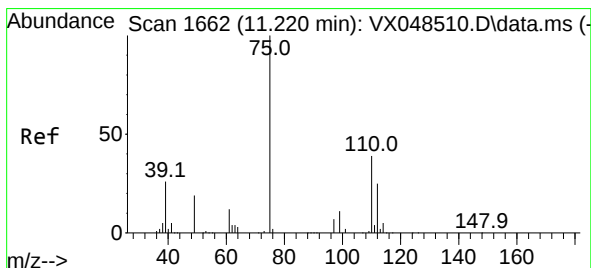
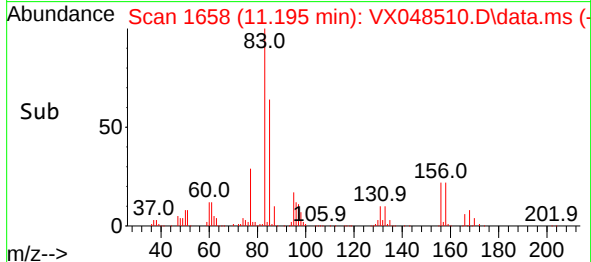
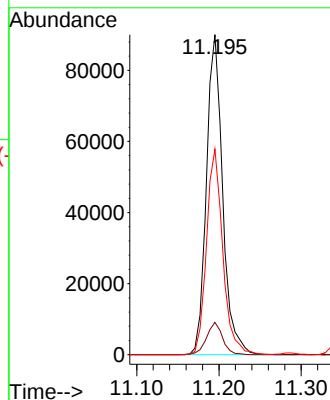
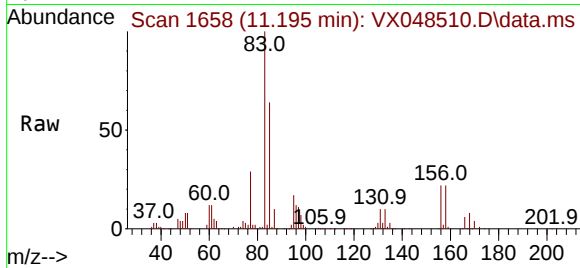




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 47.968 ug/l  
 RT: 11.195 min Scan# 1658  
 Delta R.T. 0.000 min  
 Lab File: VX048510.D  
 Acq: 06 Nov 2025 10:38

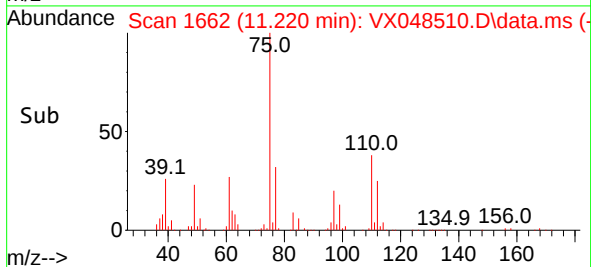
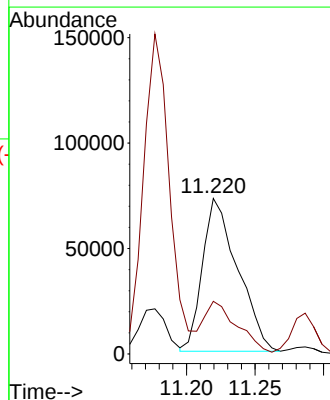
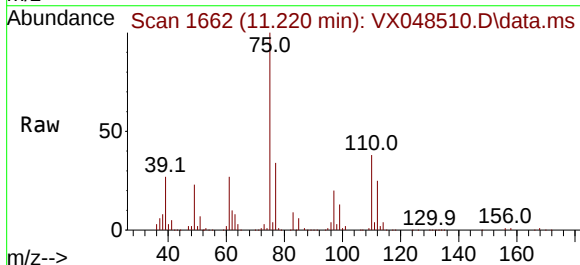
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

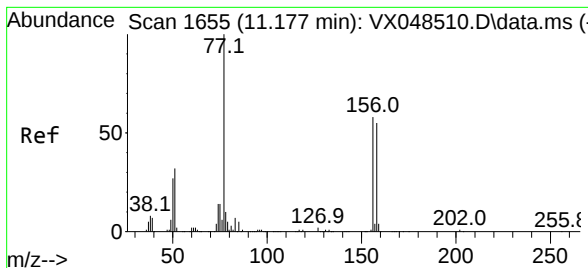
Tgt Ion: 83 Resp: 123518  
 Ion Ratio Lower Upper  
 83 100  
 131 10.0 4.8 14.4  
 85 64.5 31.9 95.7



#76  
 1,2,3-Trichloropropane  
 Concen: 64.093 ug/l  
 RT: 11.220 min Scan# 1662  
 Delta R.T. 0.000 min  
 Lab File: VX048510.D  
 Acq: 06 Nov 2025 10:38

Tgt Ion: 75 Resp: 129650  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 22.4 67.2

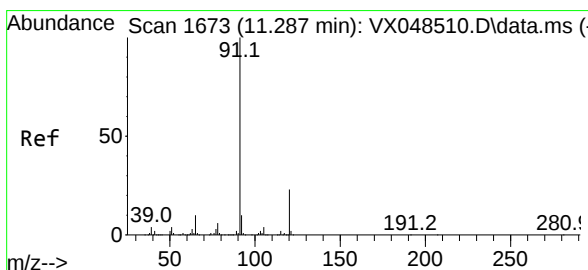
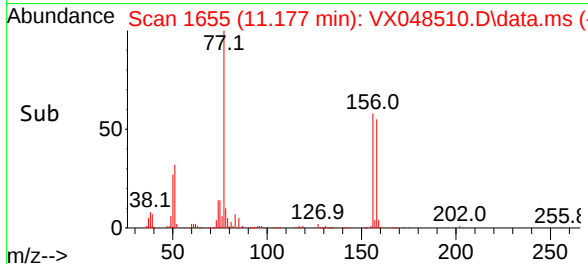
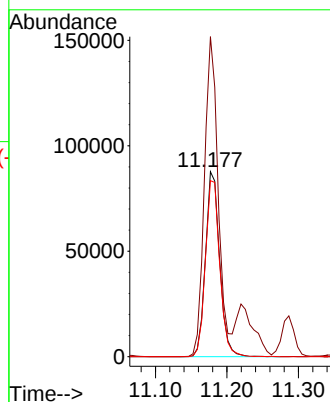
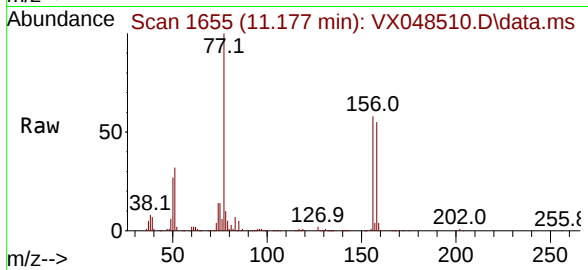




#77  
Bromobenzene  
Concen: 48.111 ug/l  
RT: 11.177 min Scan# 1655  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

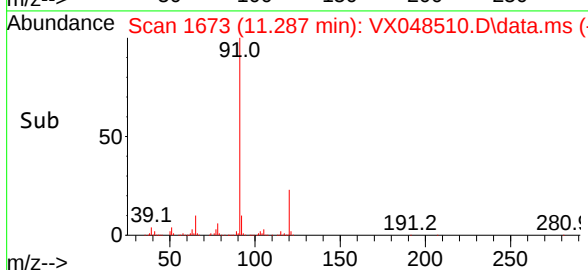
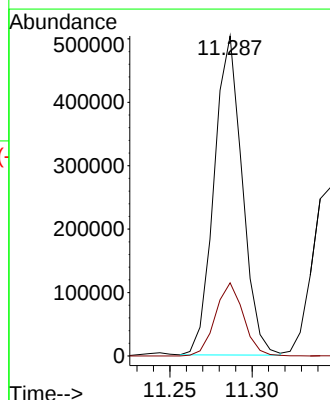
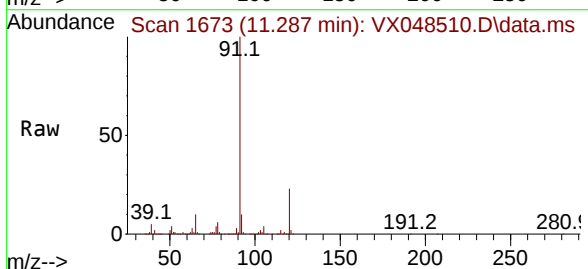
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

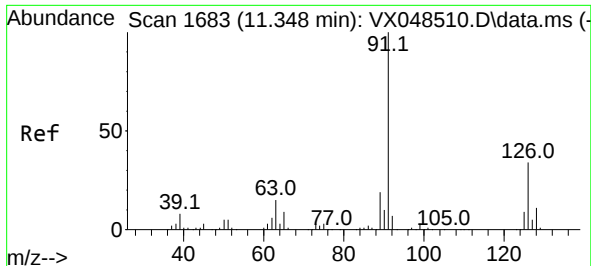
Tgt Ion:156 Resp: 120725  
Ion Ratio Lower Upper  
156 100  
77 169.1 87.0 261.0  
158 96.8 47.8 143.4



#78  
n-propylbenzene  
Concen: 50.056 ug/l  
RT: 11.287 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 91 Resp: 599199  
Ion Ratio Lower Upper  
91 100  
120 22.8 11.1 33.1

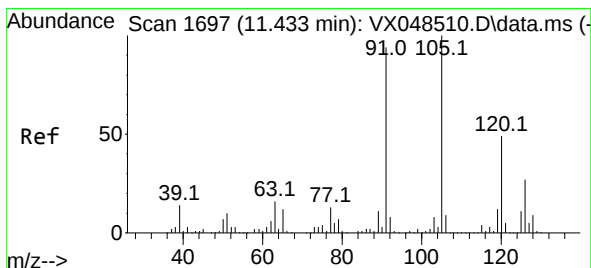
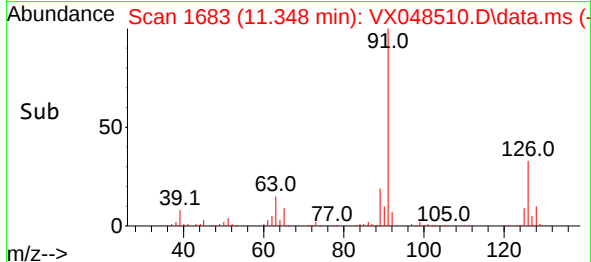
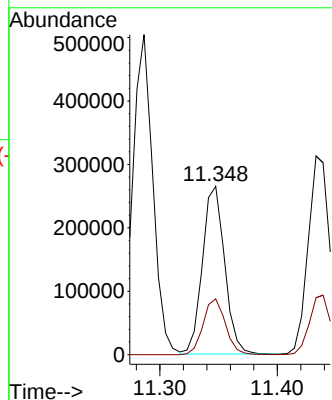
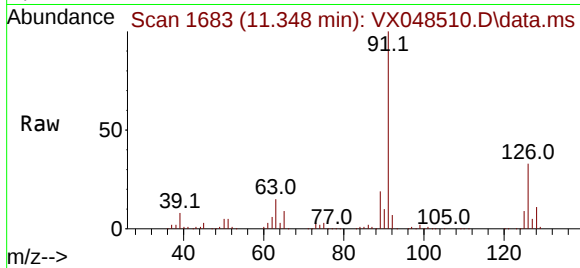




#79  
2-Chlorotoluene  
Concen: 48.309 ug/l  
RT: 11.348 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

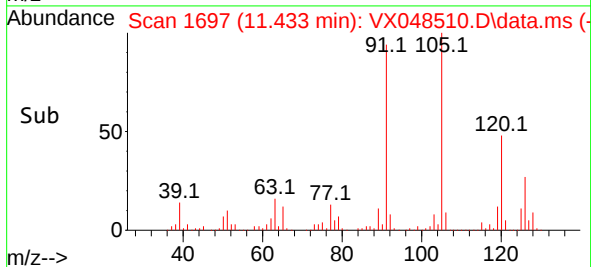
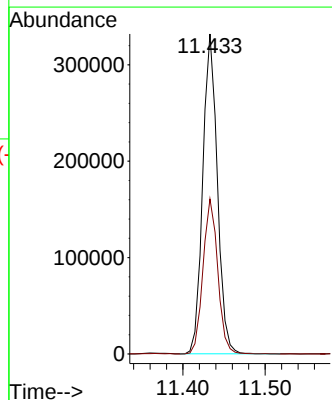
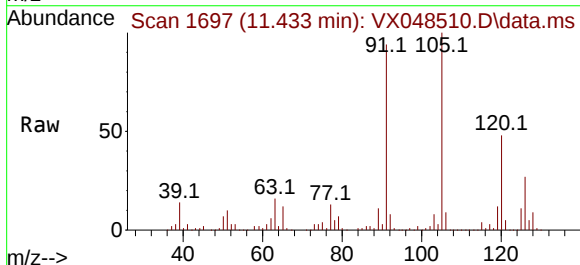
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

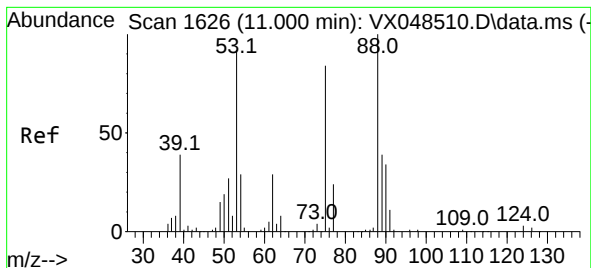
Tgt Ion: 91 Resp: 347641  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.4 49.4



#80  
1,3,5-Trimethylbenzene  
Concen: 49.413 ug/l  
RT: 11.433 min Scan# 1697  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 105 Resp: 409019  
Ion Ratio Lower Upper  
105 100  
120 49.0 24.0 72.0

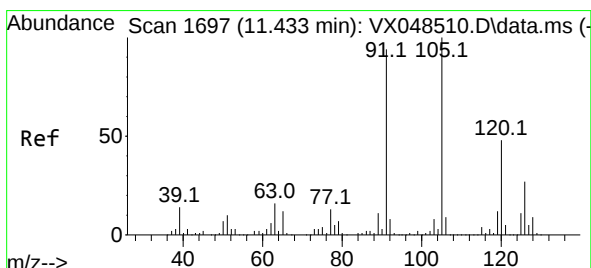
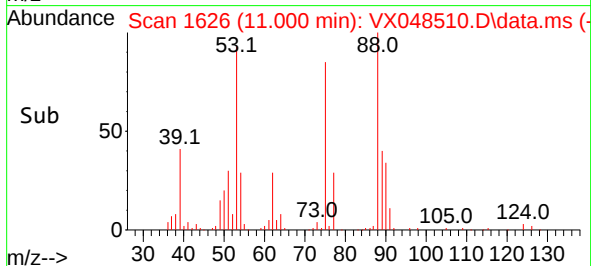
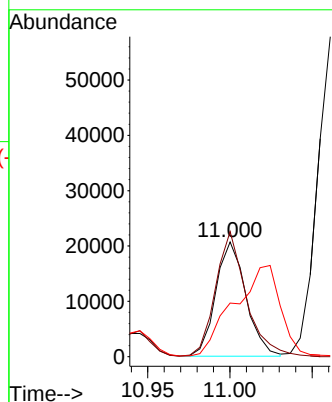
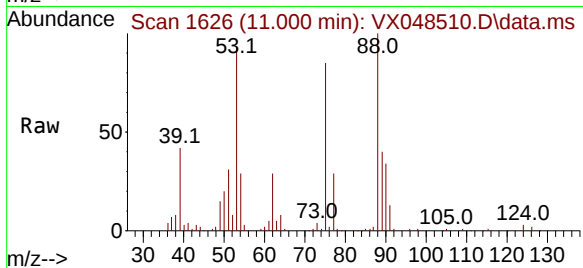




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.589 ug/l  
RT: 11.000 min Scan# 1626  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

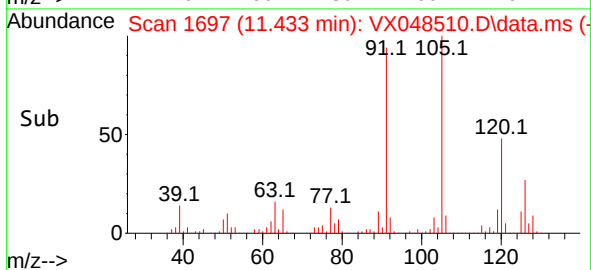
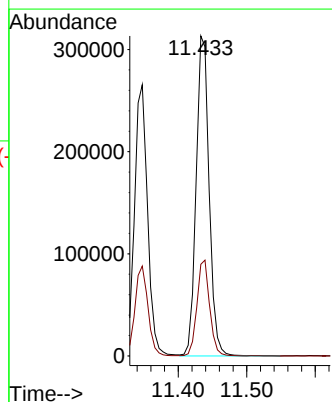
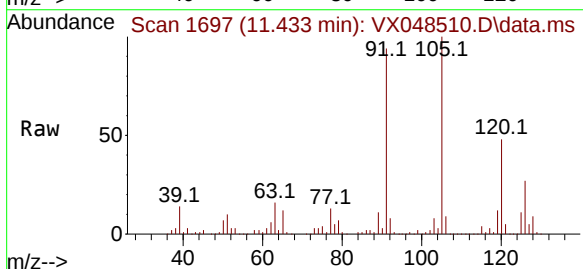
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

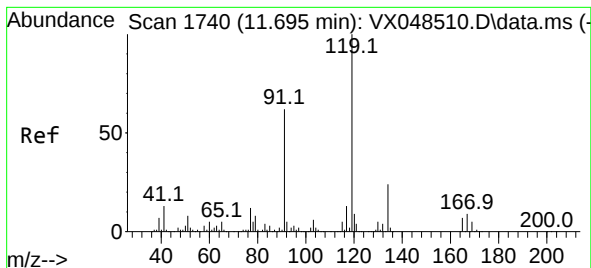
Tgt Ion: 75 Resp: 26331  
Ion Ratio Lower Upper  
75 100  
53 112.0 79.5 119.3  
89 0.0 36.8 55.2#



#82  
4-Chlorotoluene  
Concen: 48.777 ug/l  
RT: 11.433 min Scan# 1697  
Delta R.T. -0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 91 Resp: 413214  
Ion Ratio Lower Upper  
91 100  
126 29.3 14.1 42.4





#83

tert-Butylbenzene

Concen: 49.635 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

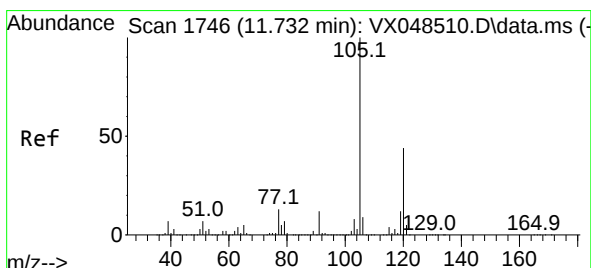
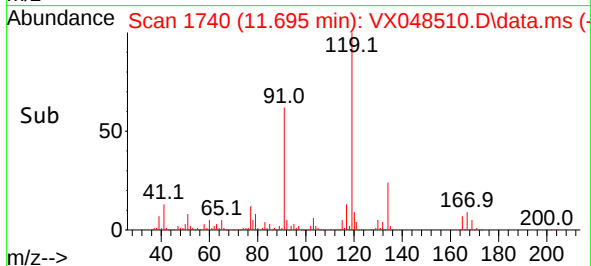
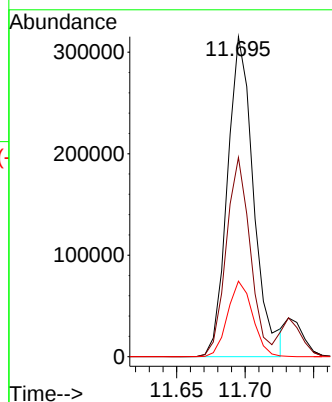
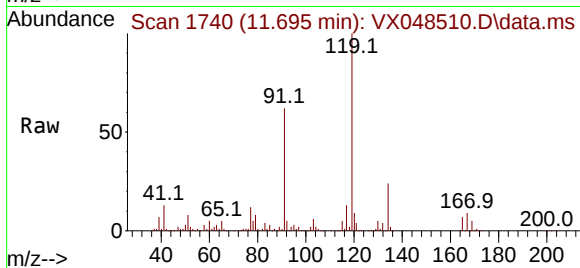
Tgt Ion:119 Resp: 419623

Ion Ratio Lower Upper

119 100

91 57.5 30.3 91.0

134 22.6 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 48.906 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX048510.D

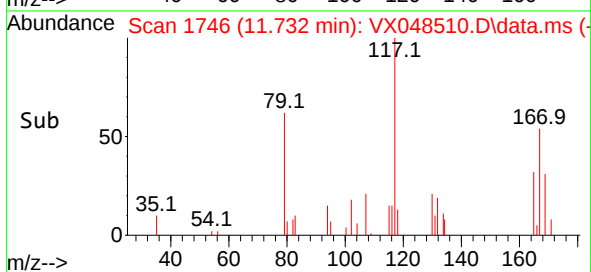
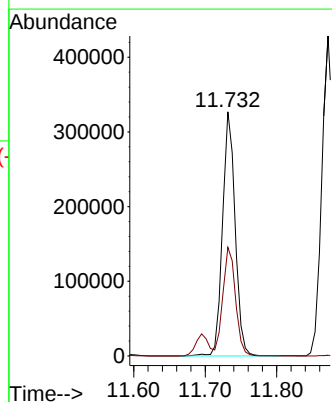
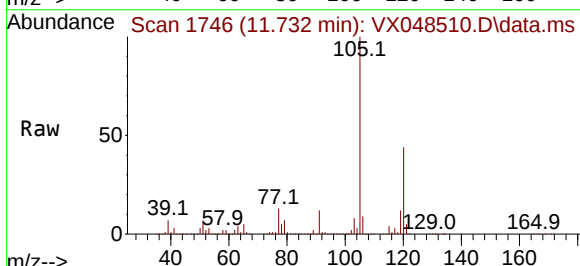
Acq: 06 Nov 2025 10:38

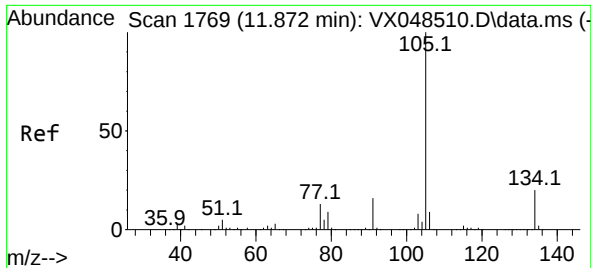
Tgt Ion:105 Resp: 400585

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.5

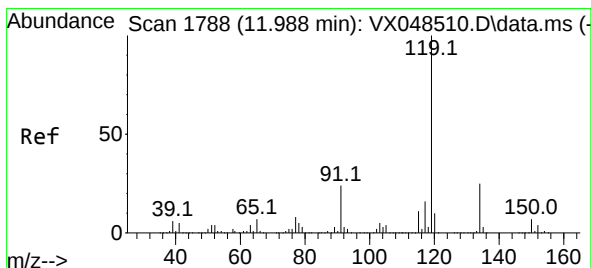
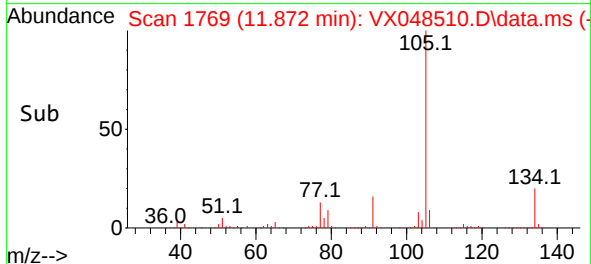
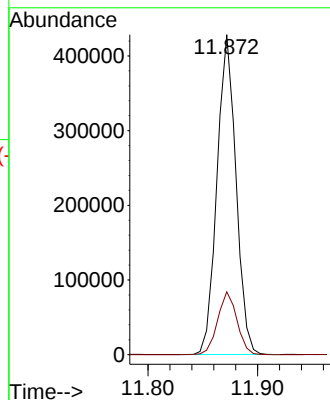
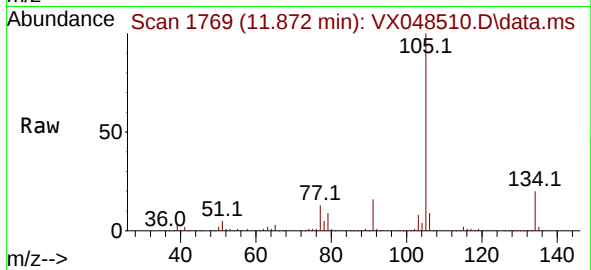




#85  
 sec-Butylbenzene  
 Concen: 49.196 ug/l  
 RT: 11.872 min Scan# 1769  
 Delta R.T. 0.000 min  
 Lab File: VX048510.D  
 Acq: 06 Nov 2025 10:38

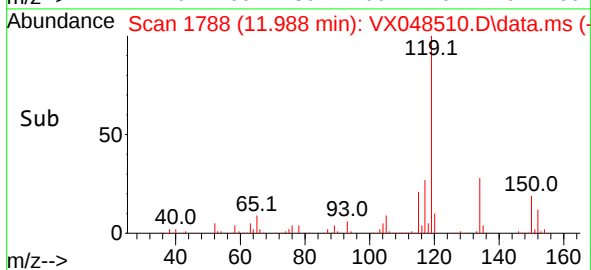
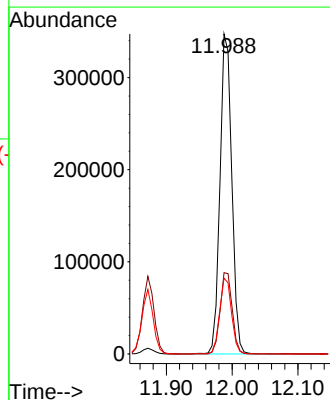
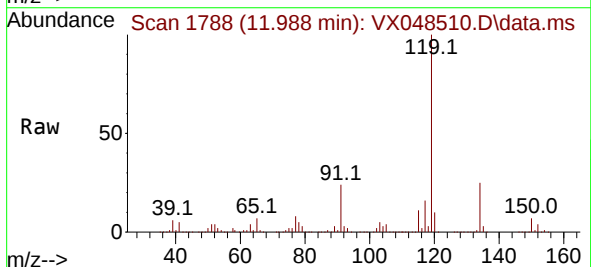
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC050

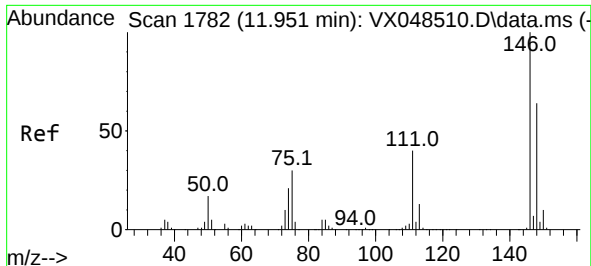
Tgt Ion:105 Resp: 516106  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 48.997 ug/l  
 RT: 11.988 min Scan# 1788  
 Delta R.T. 0.000 min  
 Lab File: VX048510.D  
 Acq: 06 Nov 2025 10:38

Tgt Ion:119 Resp: 433963  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.0 39.0  
 91 23.8 12.1 36.3

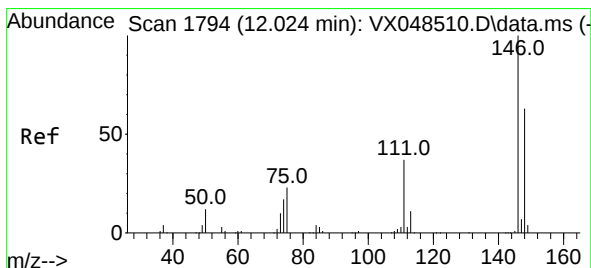
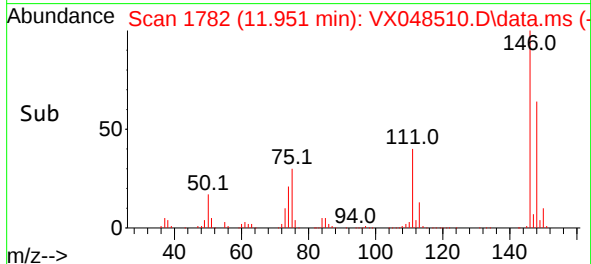
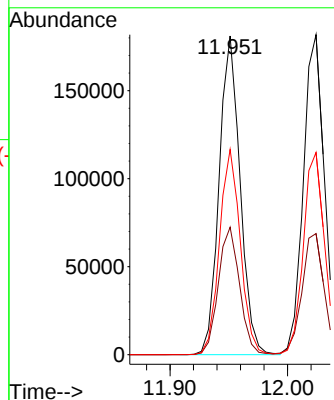
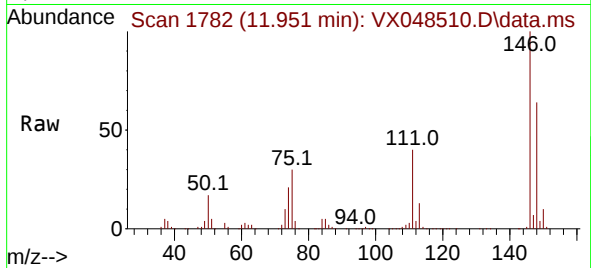




#87  
1,3-Dichlorobenzene  
Concen: 46.847 ug/l  
RT: 11.951 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

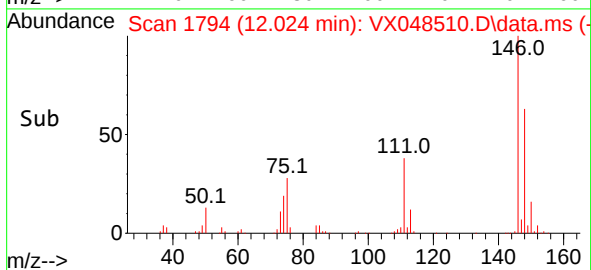
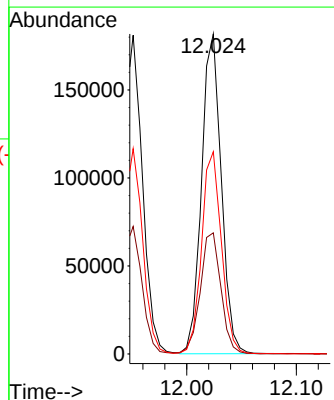
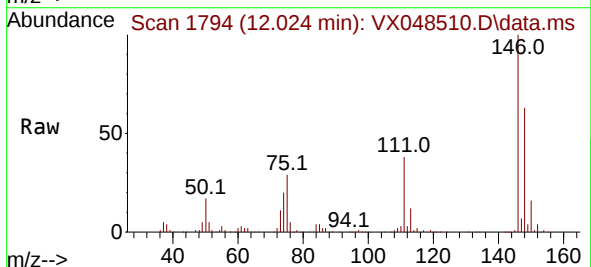
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

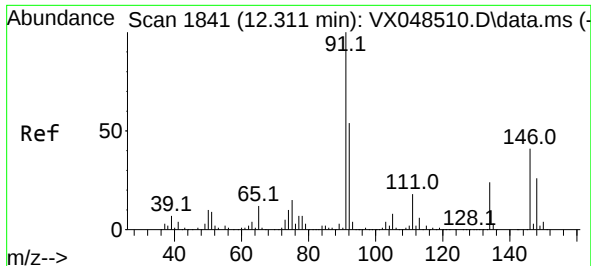
Tgt Ion:146 Resp: 224690  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.4 61.2  
148 64.1 31.9 95.9



#88  
1,4-Dichlorobenzene  
Concen: 46.492 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion:146 Resp: 227092  
Ion Ratio Lower Upper  
146 100  
111 39.7 20.1 60.2  
148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 49.166 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

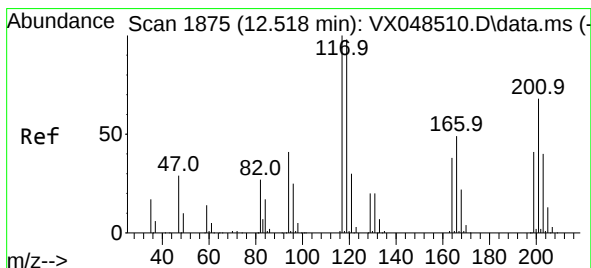
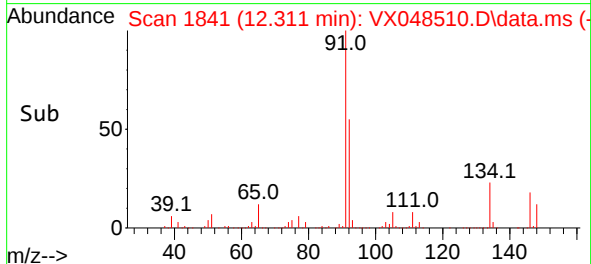
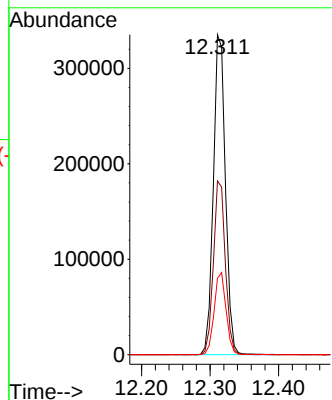
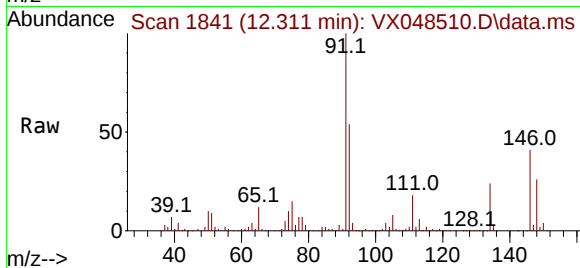
Tgt Ion: 91 Resp: 410254

Ion Ratio Lower Upper

91 100

92 53.8 26.9 80.6

134 25.3 12.7 38.1



#90

Hexachloroethane

Concen: 50.636 ug/l

RT: 12.518 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VX048510.D

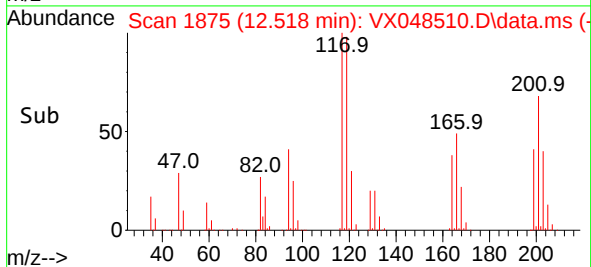
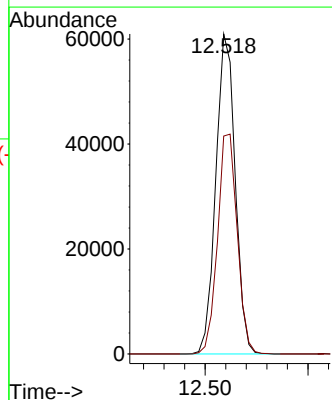
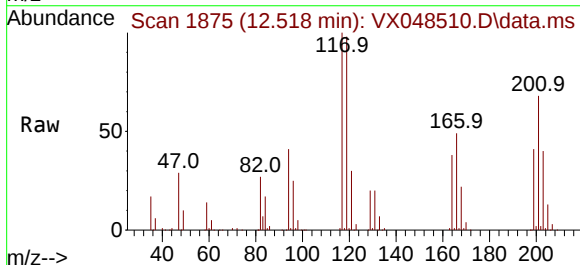
Acq: 06 Nov 2025 10:38

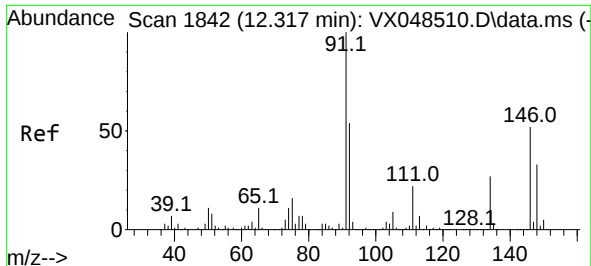
Tgt Ion: 117 Resp: 79603

Ion Ratio Lower Upper

117 100

201 69.9 34.1 102.2

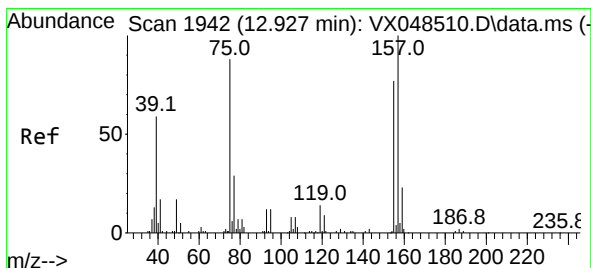
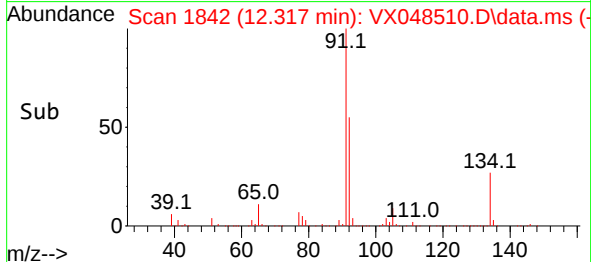
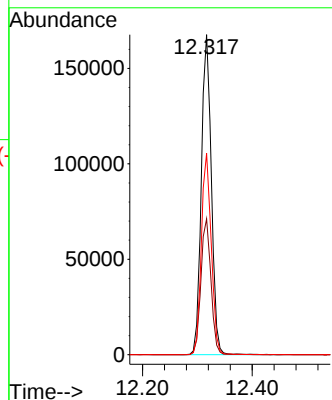
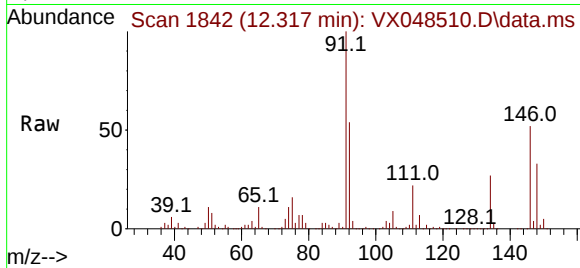




#91  
1,2-Dichlorobenzene  
Concen: 47.867 ug/l  
RT: 12.317 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

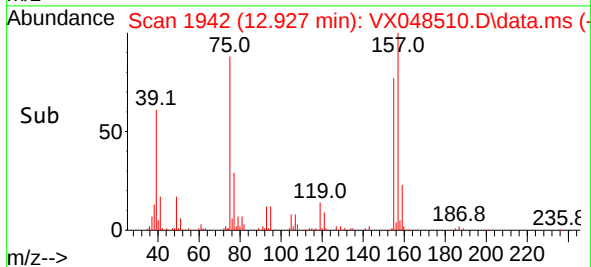
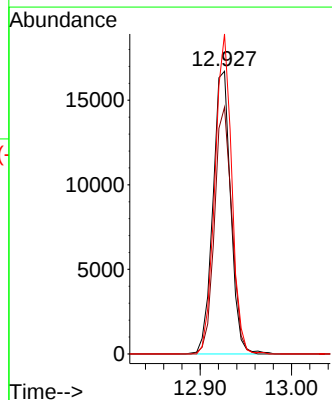
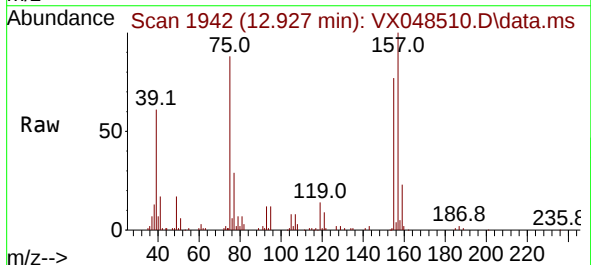
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC050

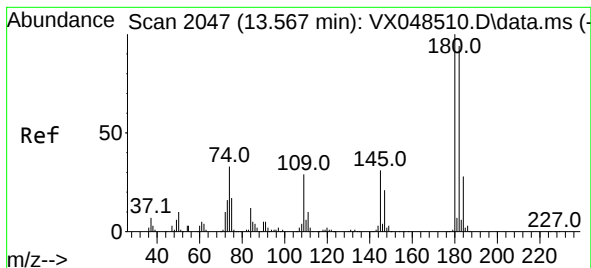
Tgt Ion:146 Resp: 213004  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.9 65.5  
148 62.2 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 45.397 ug/l  
RT: 12.927 min Scan# 1942  
Delta R.T. 0.006 min  
Lab File: VX048510.D  
Acq: 06 Nov 2025 10:38

Tgt Ion: 75 Resp: 22536  
Ion Ratio Lower Upper  
75 100  
155 85.2 42.8 128.4  
157 107.0 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 45.478 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

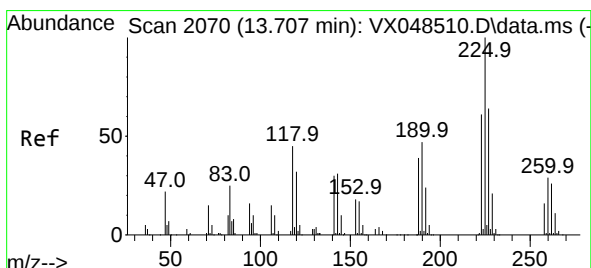
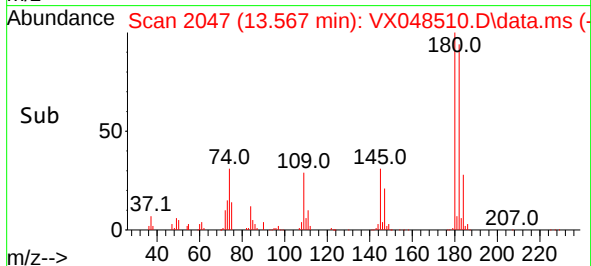
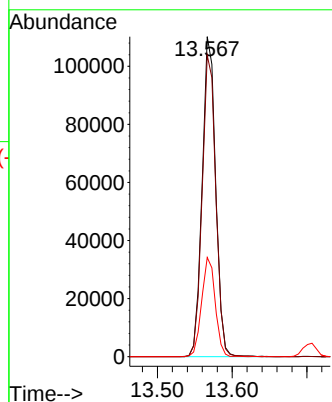
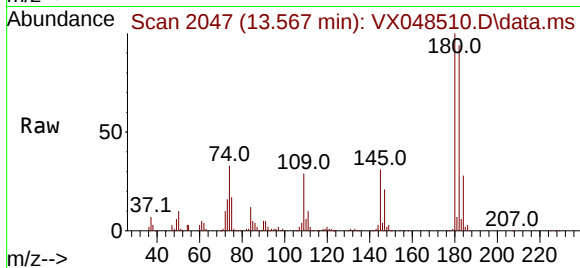
Tgt Ion:180 Resp: 137968

Ion Ratio Lower Upper

180 100

182 95.2 47.3 142.0

145 31.2 16.3 48.9



#94

Hexachlorobutadiene

Concen: 45.569 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

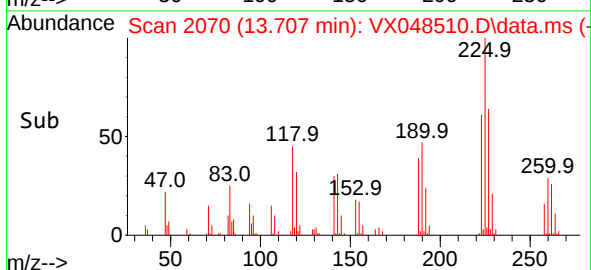
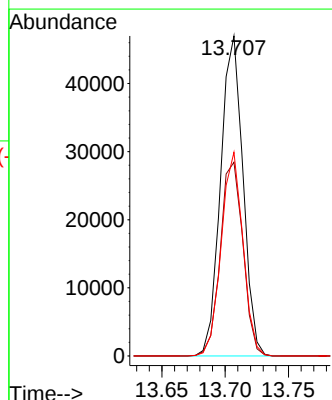
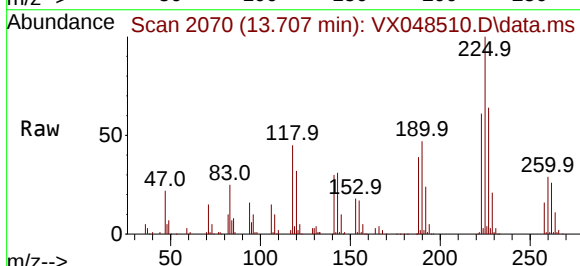
Tgt Ion:225 Resp: 57650

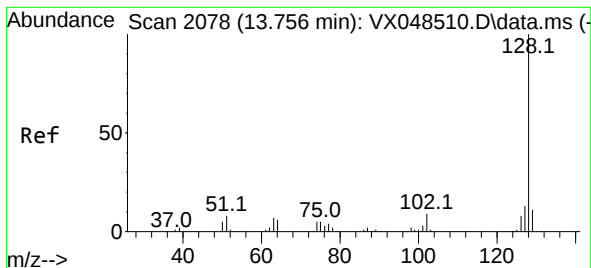
Ion Ratio Lower Upper

225 100

223 61.3 32.6 97.7

227 61.8 32.5 97.4





#95

Naphthalene

Concen: 44.828 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC050

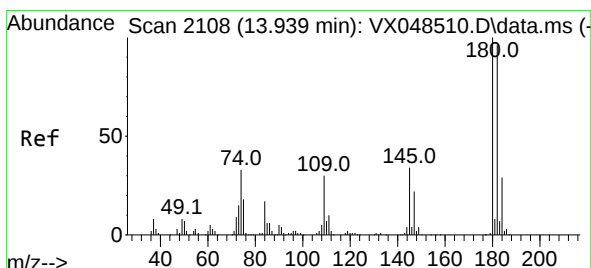
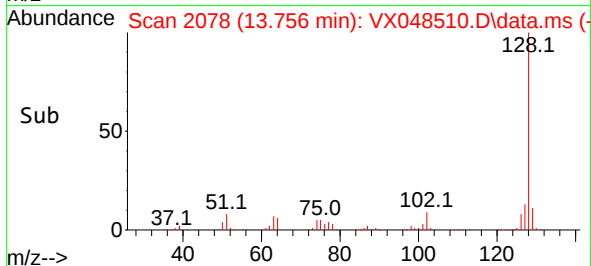
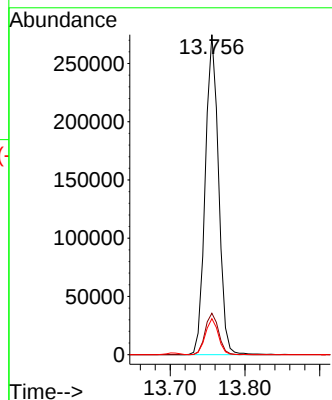
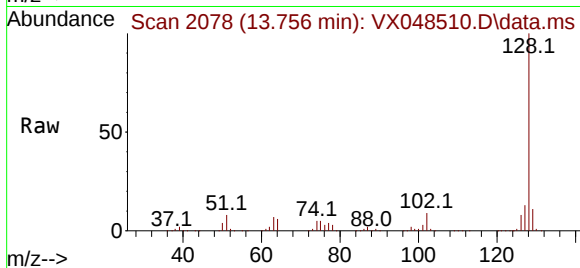
Tgt Ion:128 Resp: 339502

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 43.543 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VX048510.D

Acq: 06 Nov 2025 10:38

Tgt Ion:180 Resp: 118542

Ion Ratio Lower Upper

180 100

182 96.3 46.6 139.7

145 33.3 16.9 50.7

