

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY110525\  
 Data File : VY023679.D  
 Acq On : 05 Nov 2025 09:25  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Nov 06 03:24:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110425S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 05 04:41:50 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.713  | 168  | 548689   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 791181   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.420 | 117  | 709244   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152  | 359972   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 236270   | 50.481   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 100.960% |      |
| 35) Dibromofluoromethane    | 7.634  | 113   | 256190   | 51.815   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 103.620% |      |
| 50) Toluene-d8              | 10.109 | 98    | 975924   | 52.987   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 105.980% |      |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 325097   | 54.581   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 109.160% |      |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 159070  | 44.165  | ug/l | 99  |
| 3) Chloromethane             | 2.074 | 50  | 238228  | 47.266  | ug/l | 100 |
| 4) Vinyl Chloride            | 2.208 | 62  | 306722  | 46.767  | ug/l | 100 |
| 5) Bromomethane              | 2.598 | 94  | 249146  | 45.161  | ug/l | 99  |
| 6) Chloroethane              | 2.739 | 64  | 220178  | 48.573  | ug/l | 98  |
| 7) Trichlorofluoromethane    | 3.062 | 101 | 440414  | 47.680  | ug/l | 99  |
| 8) Diethyl Ether             | 3.458 | 74  | 120573  | 48.677  | ug/l | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 3.824 | 101 | 248446  | 48.819  | ug/l | 99  |
| 10) Methyl Iodide            | 4.007 | 142 | 308762  | 51.379  | ug/l | 99  |
| 11) Tert butyl alcohol       | 4.854 | 59  | 77996   | 258.442 | ug/l | 99  |
| 12) 1,1-Dichloroethene       | 3.793 | 96  | 238473  | 48.645  | ug/l | 100 |
| 13) Acrolein                 | 3.653 | 56  | 85231   | 219.724 | ug/l | 97  |
| 14) Allyl chloride           | 4.391 | 41  | 305197  | 51.147  | ug/l | 98  |
| 15) Acrylonitrile            | 5.055 | 53  | 249999  | 264.100 | ug/l | 100 |
| 16) Acetone                  | 3.866 | 43  | 326095  | 280.295 | ug/l | 98  |
| 17) Carbon Disulfide         | 4.110 | 76  | 738656  | 49.092  | ug/l | 99  |
| 18) Methyl Acetate           | 4.391 | 43  | 145179  | 56.575  | ug/l | 97  |
| 19) Methyl tert-butyl Ether  | 5.122 | 73  | 588066  | 51.732  | ug/l | 99  |
| 20) Methylene Chloride       | 4.616 | 84  | 274928  | 48.952  | ug/l | 97  |
| 21) trans-1,2-Dichloroethene | 5.116 | 96  | 278667  | 50.415  | ug/l | 95  |
| 22) Diisopropyl ether        | 6.018 | 45  | 703285  | 52.894  | ug/l | 96  |
| 23) Vinyl Acetate            | 5.964 | 43  | 1891994 | 266.653 | ug/l | 99  |
| 24) 1,1-Dichloroethane       | 5.921 | 63  | 439925  | 49.666  | ug/l | 99  |
| 25) 2-Butanone               | 6.896 | 43  | 362288  | 269.338 | ug/l | 98  |
| 26) 2,2-Dichloropropane      | 6.884 | 77  | 409786  | 50.294  | ug/l | 100 |
| 27) cis-1,2-Dichloroethene   | 6.896 | 96  | 318254  | 50.413  | ug/l | 99  |
| 28) Bromochloromethane       | 7.244 | 49  | 170351  | 50.228  | ug/l | 98  |
| 29) Tetrahydrofuran          | 7.262 | 42  | 196304  | 274.030 | ug/l | 98  |
| 30) Chloroform               | 7.421 | 83  | 496309  | 50.219  | ug/l | 99  |
| 31) Cyclohexane              | 7.707 | 56  | 379929  | 49.253  | ug/l | 98  |
| 32) 1,1,1-Trichloroethane    | 7.622 | 97  | 436815  | 49.453  | ug/l | 99  |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 344479  | 52.139  | ug/l | 100 |
| 37) Ethyl Acetate            | 6.982 | 43  | 140959  | 55.112  | ug/l | 98  |
| 38) Carbon Tetrachloride     | 7.823 | 117 | 399624  | 51.336  | ug/l | 99  |
| 39) Methylcyclohexane        | 9.109 | 83  | 447171  | 52.970  | ug/l | 97  |
| 40) Benzene                  | 8.085 | 78  | 1092714 | 52.470  | ug/l | 99  |

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 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Nov 06 03:24:52 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110425S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 05 04:41:50 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.262  | 41   | 190637   | 136.549  | ug/l # | 31       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 276077   | 52.399   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.201  | 43   | 256475   | 53.370   | ug/l   | 98       |
| 44) Trichloroethene           | 8.865  | 130  | 302440   | 50.562   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 244686   | 53.236   | ug/l   | 98       |
| 46) Dibromomethane            | 9.237  | 93   | 152105   | 53.410   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.426  | 83   | 379850   | 52.903   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.225  | 41   | 131318   | 57.837   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 31563    | 1082.983 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43   | 719262   | 281.437  | ug/l   | 100      |
| 52) Toluene                   | 10.170 | 92   | 720510   | 54.191   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 325953   | 53.652   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 389753   | 53.546   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.572 | 97   | 199933   | 52.534   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 235025   | 56.048   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 321336   | 53.231   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 530106   | 275.497  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.761 | 43   | 537409   | 288.225  | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.914 | 129  | 277514   | 53.070   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 191998   | 53.755   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.646 | 164  | 369925   | 50.111   | ug/l   | 99       |
| 65) Chlorobenzene             | 11.444 | 112  | 784904   | 50.835   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.517 | 131  | 277875   | 50.895   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.517 | 91   | 1328342  | 53.156   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.627 | 106  | 1063467  | 106.515  | ug/l   | 98       |
| 69) o-Xylene                  | 11.956 | 106  | 492861   | 53.402   | ug/l   | 99       |
| 70) Styrene                   | 11.969 | 104  | 829321   | 54.461   | ug/l   | 100      |
| 71) Bromoform                 | 12.133 | 173  | 168435   | 52.822   | ug/l   | 98       |
| 73) Isopropylbenzene          | 12.255 | 105  | 1281874  | 53.244   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.072 | 43   | 217236   | 53.295   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 198999   | 51.753   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 275949   | 94.721   | ug/l # | 100      |
| 77) Bromobenzene              | 12.536 | 156  | 321804   | 51.530   | ug/l   | 97       |
| 78) n-propylbenzene           | 12.597 | 91   | 1515501  | 53.515   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 869939   | 52.938   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 1063727  | 54.379   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 68861    | 53.418   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.779 | 91   | 904700   | 53.382   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 944060   | 52.990   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 1036351  | 53.490   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 1370776  | 53.345   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.291 | 119  | 1169636  | 53.768   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.285 | 146  | 630696   | 51.311   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 607547   | 50.318   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.615 | 91   | 1018767  | 53.857   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.877 | 117  | 238333   | 50.983   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 546434   | 51.586   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 31186    | 52.675   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 319544   | 52.739   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 202248   | 50.946   | ug/l   | 98       |
| 95) Naphthalene               | 15.145 | 128  | 504203   | 47.853   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 275845   | 54.491   | ug/l   | 99       |

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Sample : VSTDCCC050  
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ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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Quant Title : SW846 8260  
QLast Update : Wed Nov 05 04:41:50 2025  
Response via : Initial Calibration

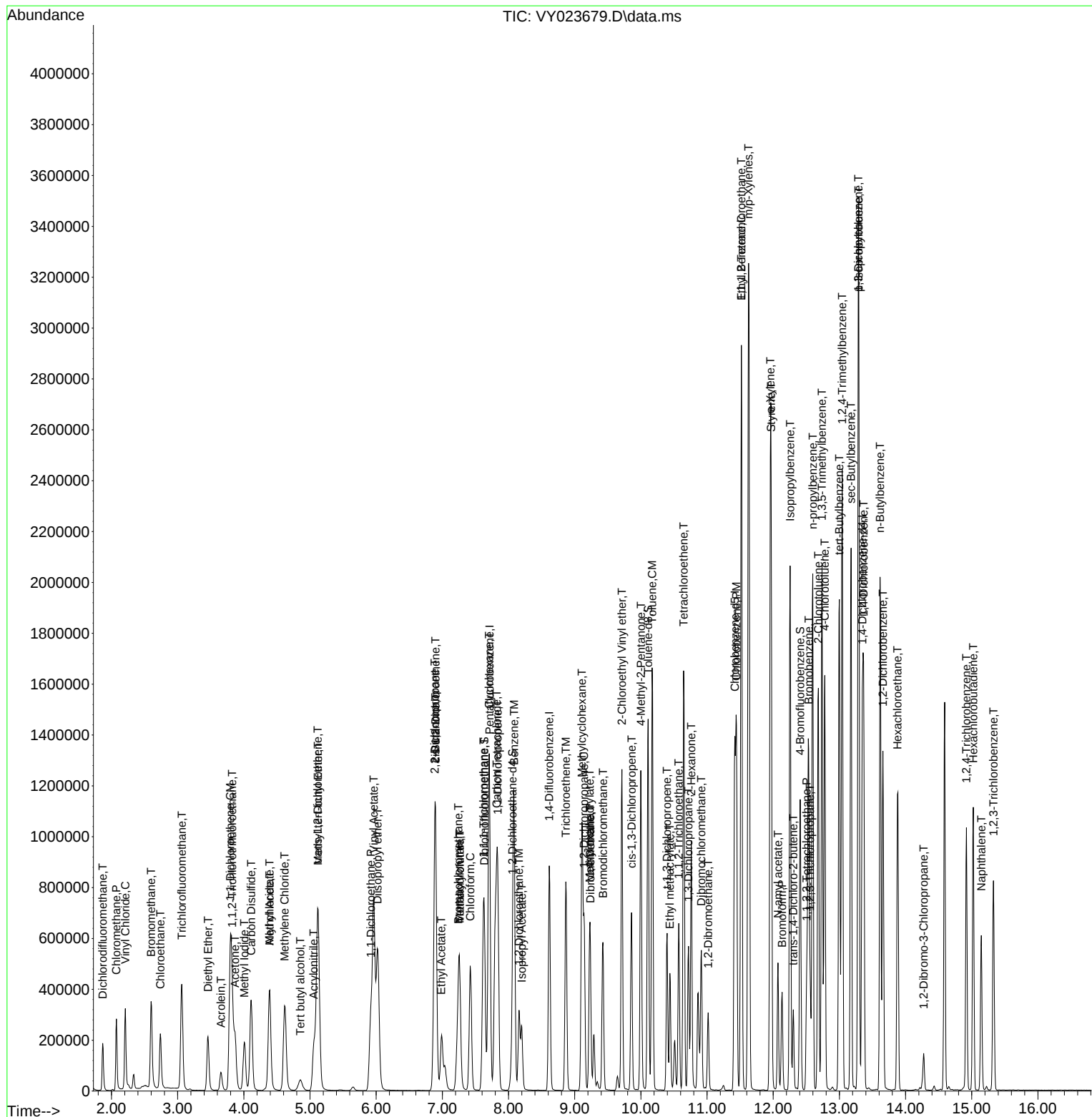
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

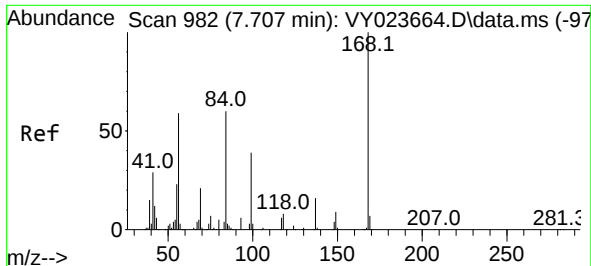
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260  
 QLast Update : Wed Nov 05 04:41:50 2025  
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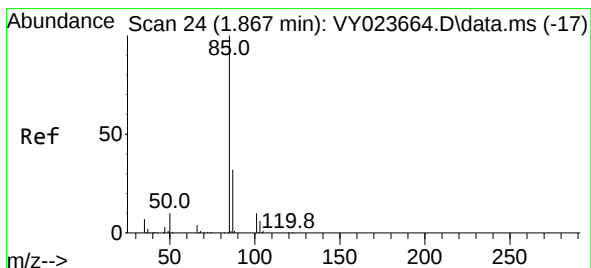
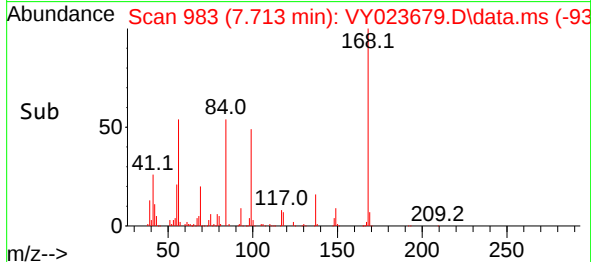
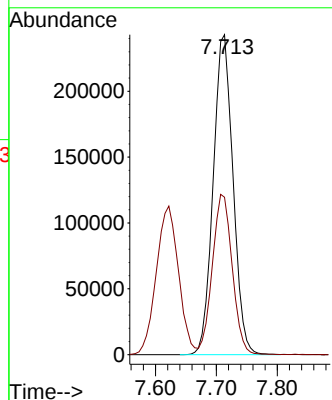
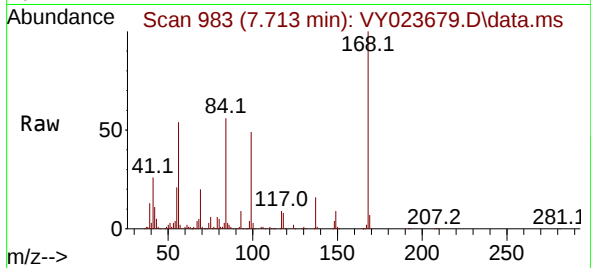




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

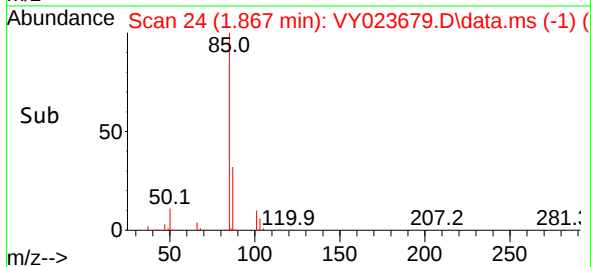
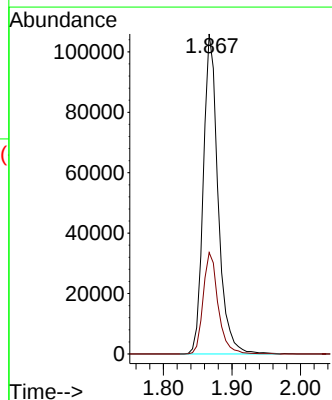
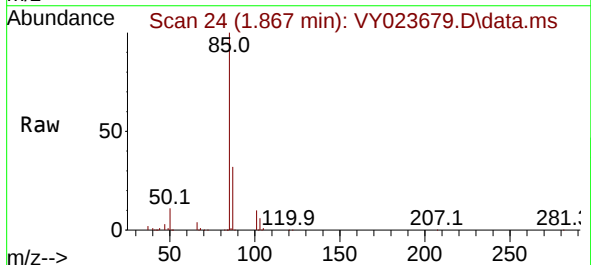
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

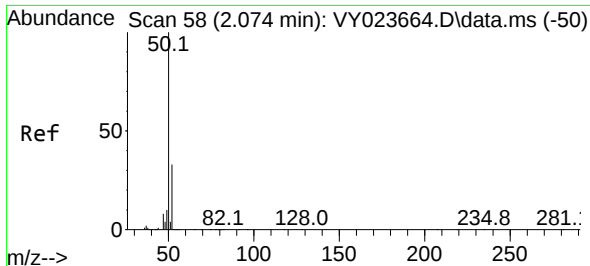
Tgt Ion:168 Resp: 548689  
Ion Ratio Lower Upper  
168 100  
99 49.2 41.0 61.4



#2  
Dichlorodifluoromethane  
Concen: 44.165 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 85 Resp: 159070  
Ion Ratio Lower Upper  
85 100  
87 31.7 16.2 48.6

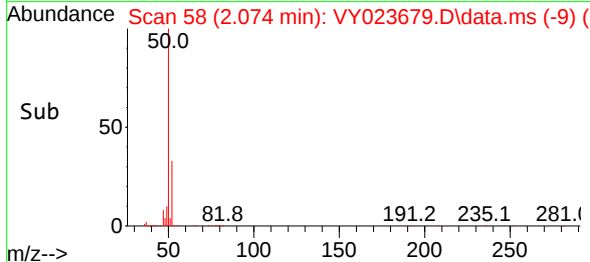
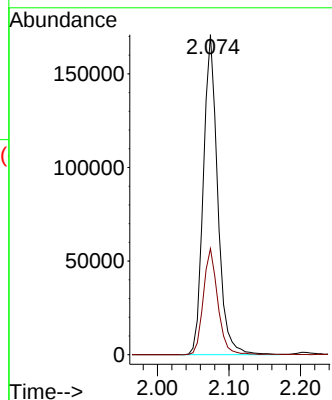
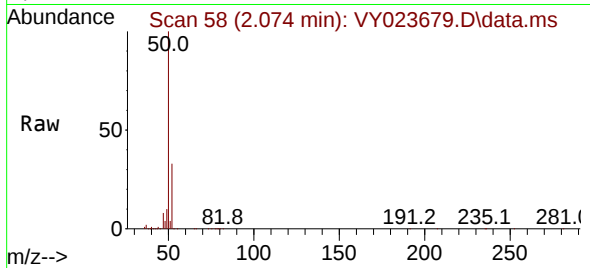




#3  
Chloromethane  
Concen: 47.266 ug/l  
RT: 2.074 min Scan# 58  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

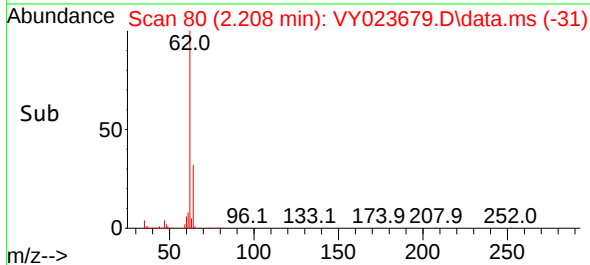
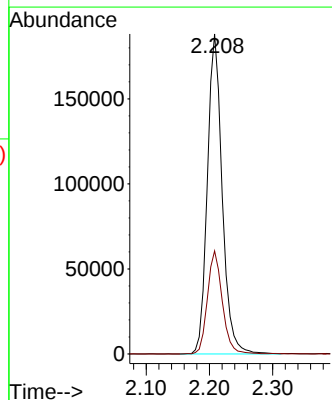
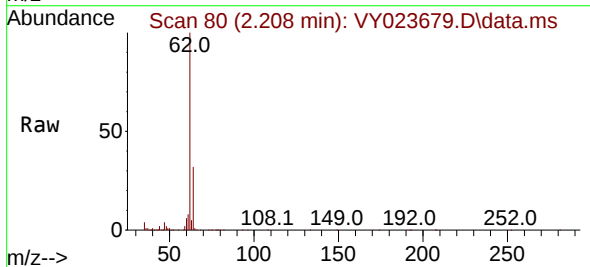
Instrument :  
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VSTDCCC050

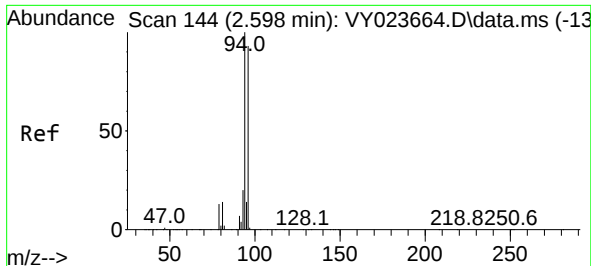
Tgt Ion: 50 Resp: 238228  
Ion Ratio Lower Upper  
50 100  
52 33.2 26.5 39.7



#4  
Vinyl Chloride  
Concen: 46.767 ug/l  
RT: 2.208 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 62 Resp: 306722  
Ion Ratio Lower Upper  
62 100  
64 32.2 25.7 38.5

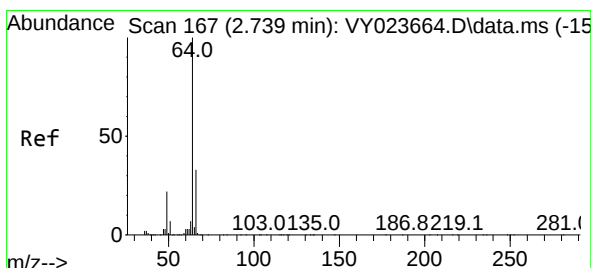
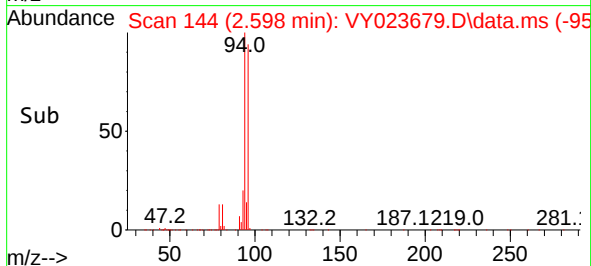
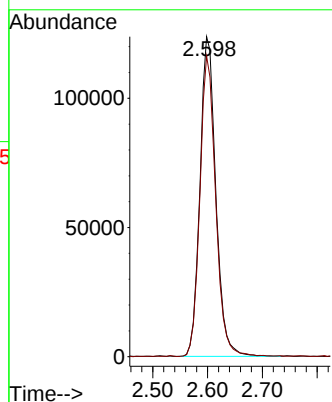
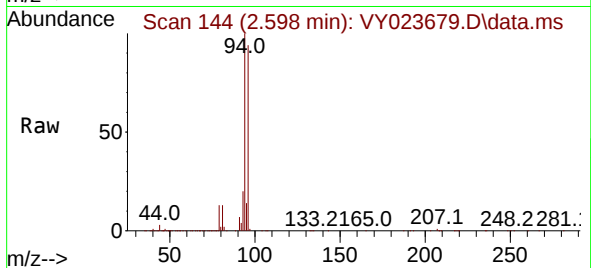




#5  
Bromomethane  
Concen: 45.161 ug/l  
RT: 2.598 min Scan# 144  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

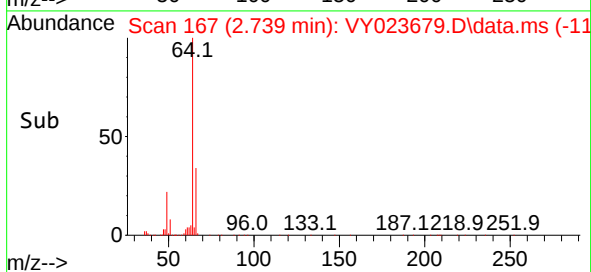
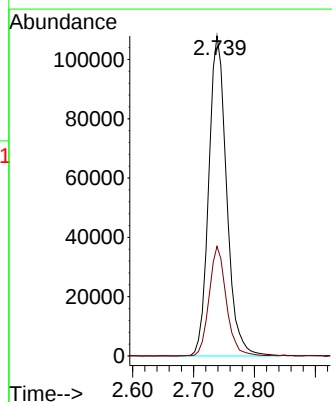
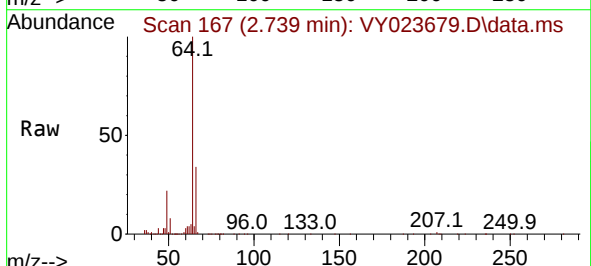
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

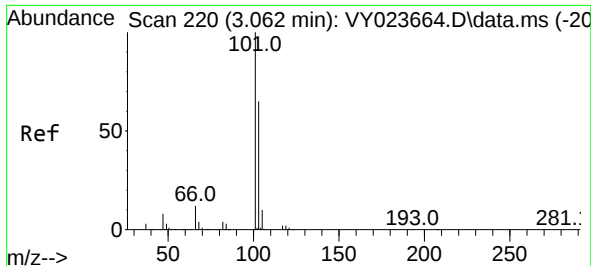
Tgt Ion: 94 Resp: 249146  
Ion Ratio Lower Upper  
94 100  
96 93.9 74.4 111.6



#6  
Chloroethane  
Concen: 48.573 ug/l  
RT: 2.739 min Scan# 167  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 64 Resp: 220178  
Ion Ratio Lower Upper  
64 100  
66 34.1 26.2 39.4

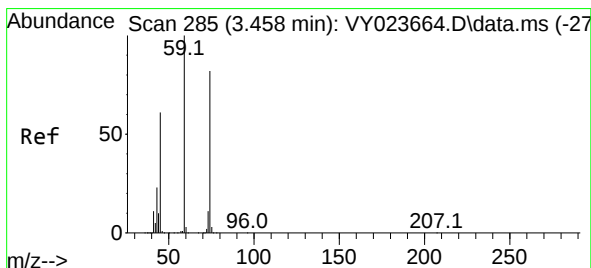
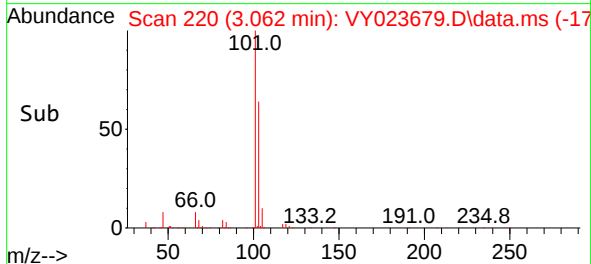
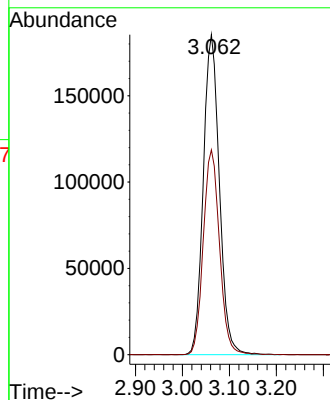
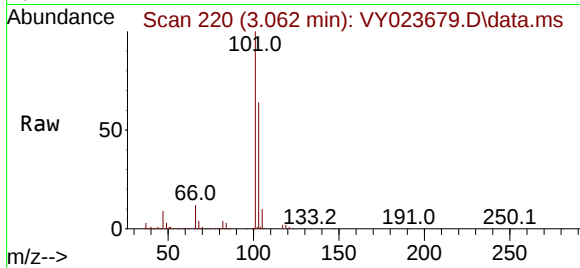




#7  
Trichlorofluoromethane  
Concen: 47.680 ug/l  
RT: 3.062 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

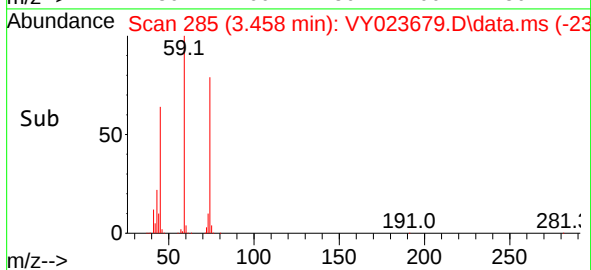
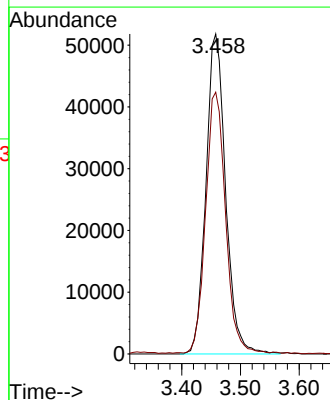
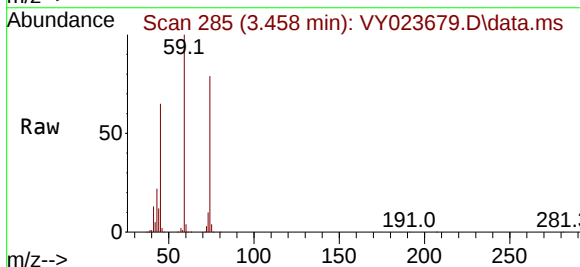
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

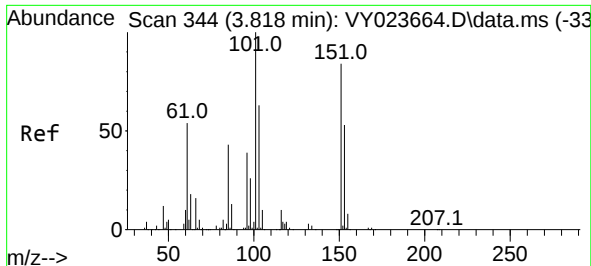
Tgt Ion:101 Resp: 440414  
Ion Ratio Lower Upper  
101 100  
103 63.9 52.1 78.1



#8  
Diethyl Ether  
Concen: 48.677 ug/l  
RT: 3.458 min Scan# 285  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 74 Resp: 120573  
Ion Ratio Lower Upper  
74 100  
45 82.4 40.6 121.7

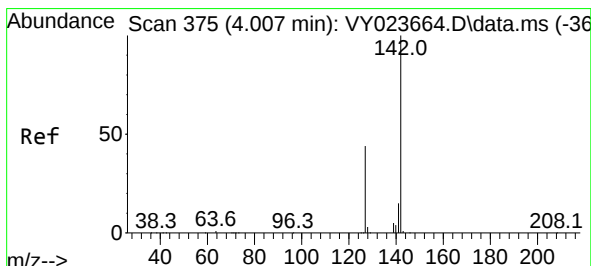
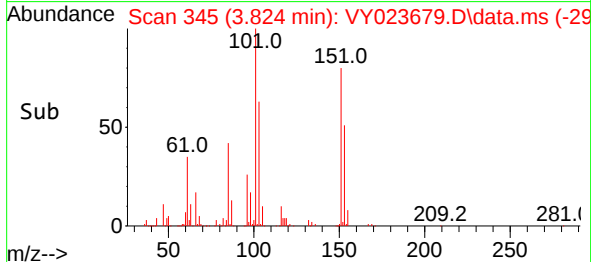
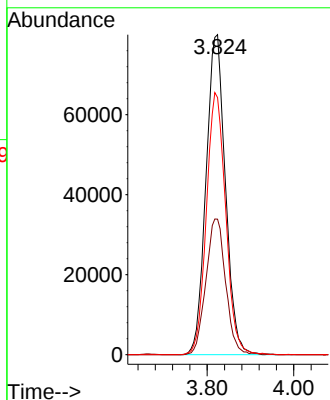
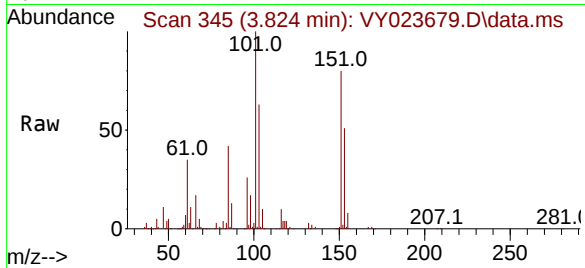




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.819 ug/l  
RT: 3.824 min Scan# 344  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

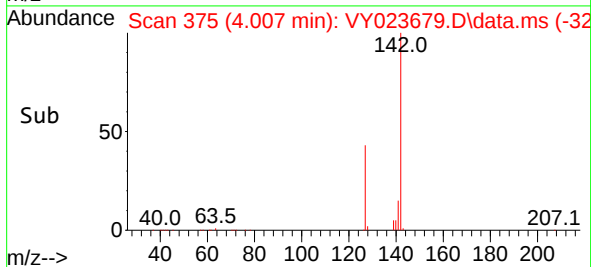
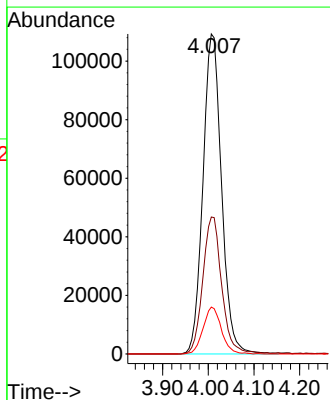
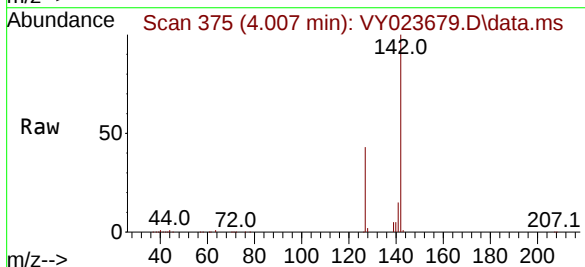
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

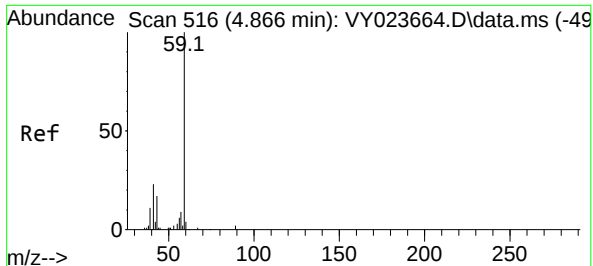
Tgt Ion:101 Resp: 248446  
Ion Ratio Lower Upper  
101 100  
85 43.3 34.4 51.6  
151 81.5 65.6 98.4



#10  
Methyl Iodide  
Concen: 51.379 ug/l  
RT: 4.007 min Scan# 375  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion:142 Resp: 308762  
Ion Ratio Lower Upper  
142 100  
127 43.6 34.6 51.8  
141 14.4 11.6 17.4

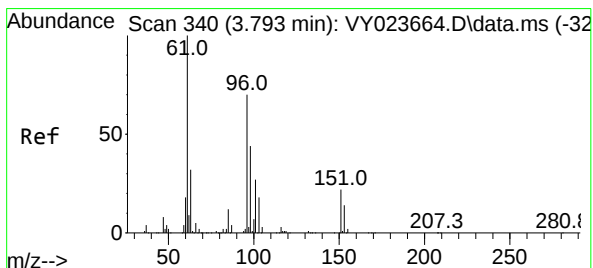
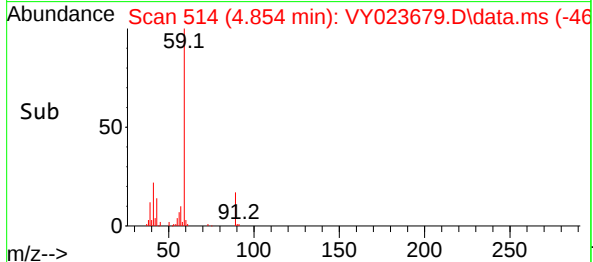
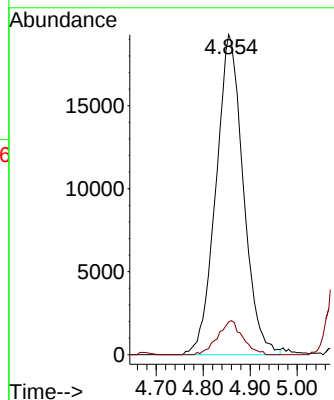
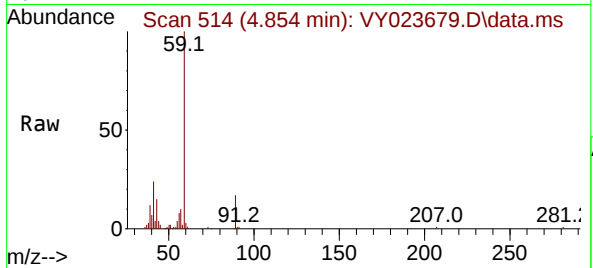




#11  
Tert butyl alcohol  
Concen: 258.442 ug/l  
RT: 4.854 min Scan# 516  
Delta R.T. -0.012 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

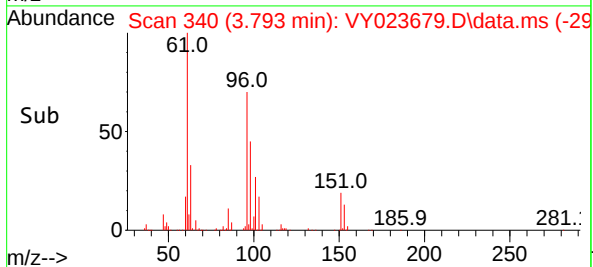
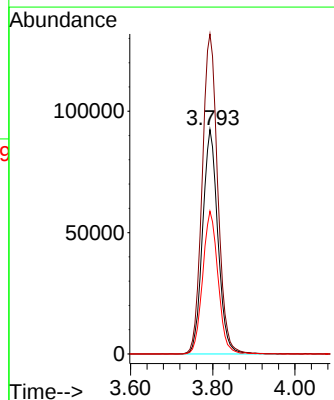
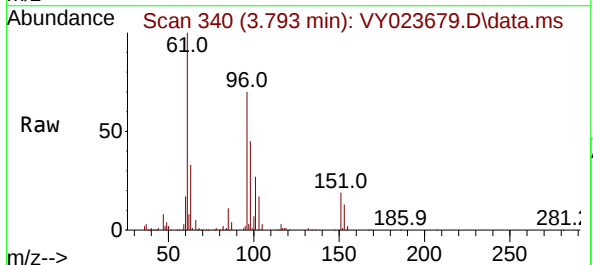
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

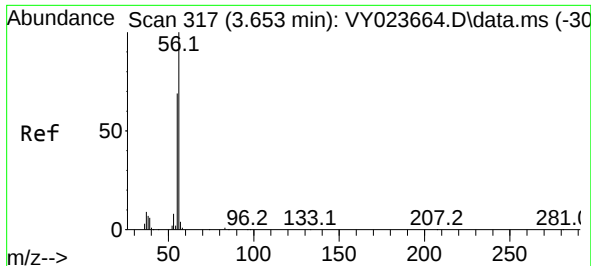
Tgt Ion: 59 Resp: 77996  
Ion Ratio Lower Upper  
59 100  
57 9.6 7.4 11.2



#12  
1,1-Dichloroethene  
Concen: 48.645 ug/l  
RT: 3.793 min Scan# 340  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 96 Resp: 238473  
Ion Ratio Lower Upper  
96 100  
61 142.5 114.0 171.0  
98 63.6 50.2 75.2

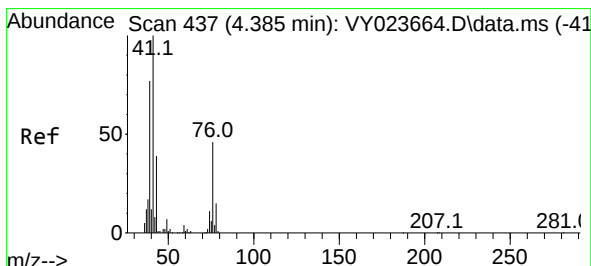
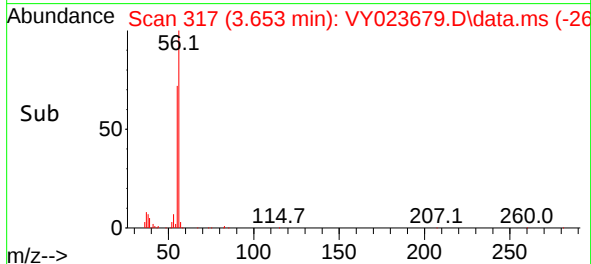
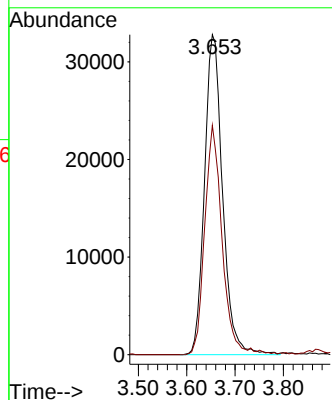
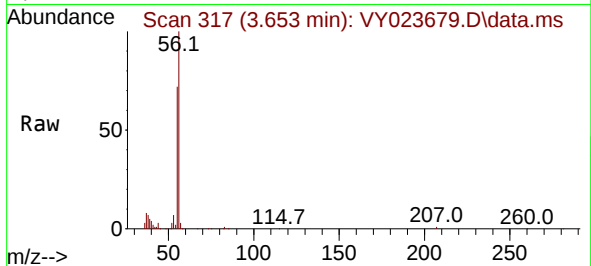




#13  
Acrolein  
Concen: 219.724 ug/l  
RT: 3.653 min Scan# 317  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

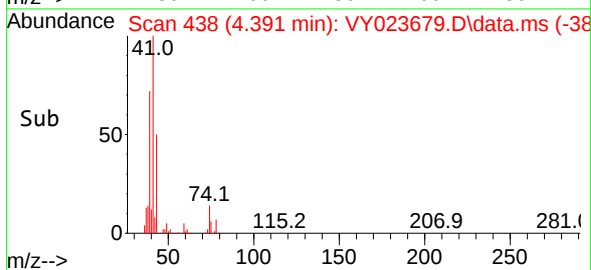
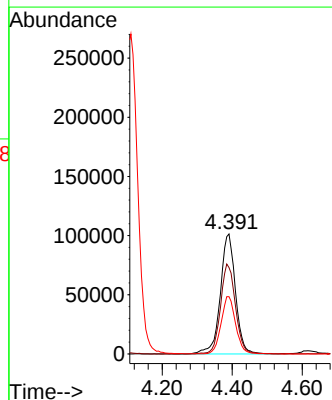
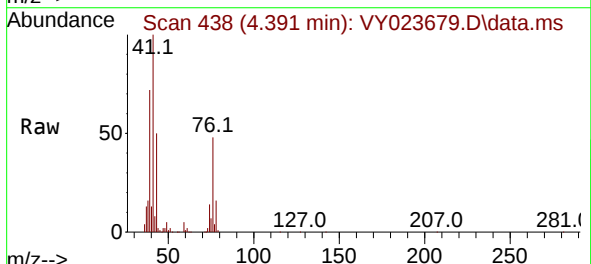
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

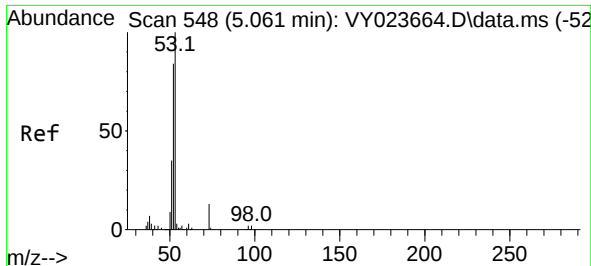
Tgt Ion: 56 Resp: 85231  
Ion Ratio Lower Upper  
56 100  
55 68.4 56.6 84.8



#14  
Allyl chloride  
Concen: 51.147 ug/l  
RT: 4.391 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 41 Resp: 305197  
Ion Ratio Lower Upper  
41 100  
39 74.0 60.4 90.6  
76 45.7 38.0 57.0

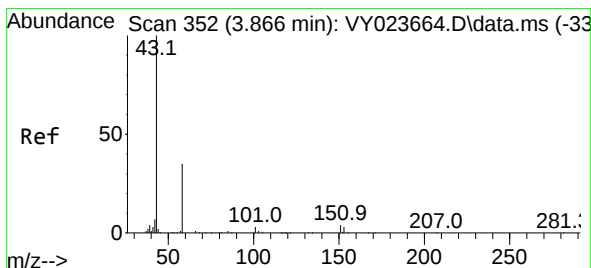
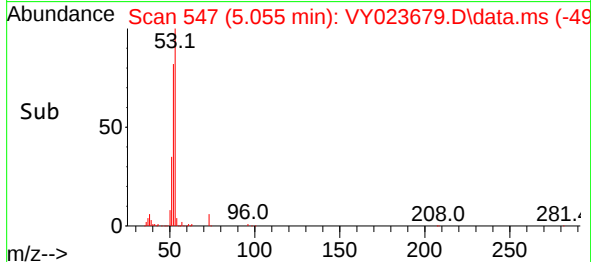
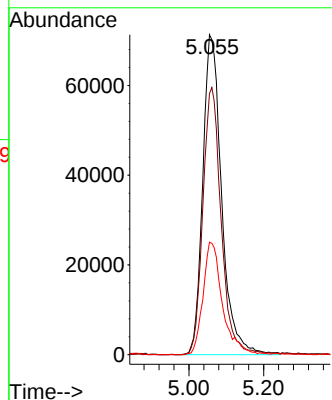
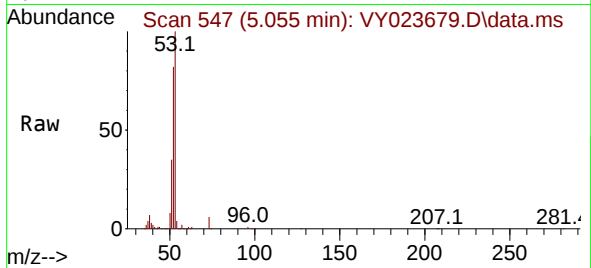




#15  
Acrylonitrile  
Concen: 264.100 ug/l  
RT: 5.055 min Scan# 547  
Delta R.T. -0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

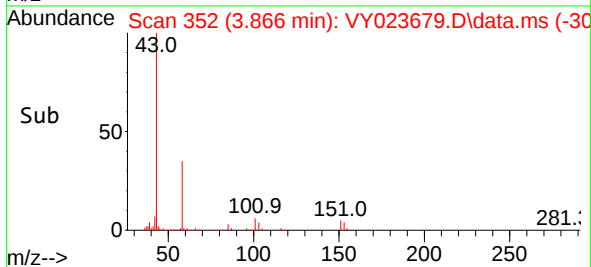
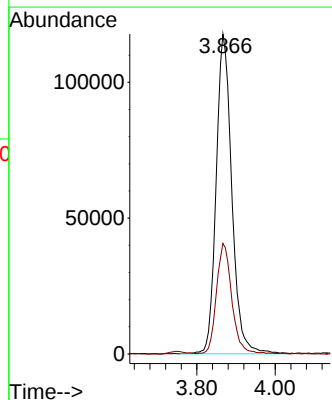
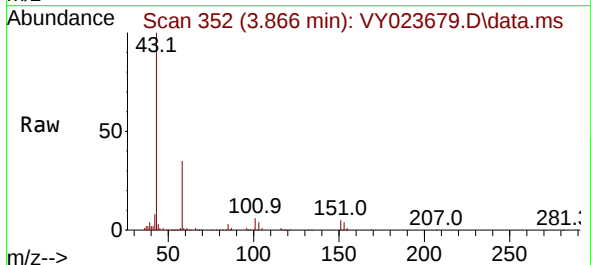
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

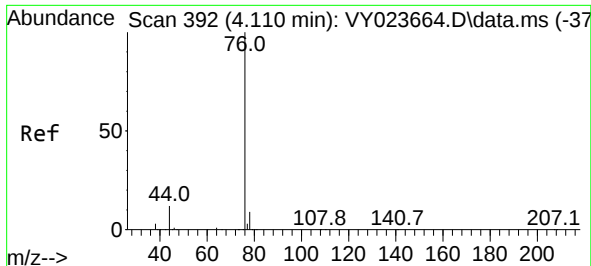
Tgt Ion: 53 Resp: 249999  
Ion Ratio Lower Upper  
53 100  
52 80.8 64.9 97.3  
51 36.4 29.4 44.0



#16  
Acetone  
Concen: 280.295 ug/l  
RT: 3.866 min Scan# 352  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 43 Resp: 326095  
Ion Ratio Lower Upper  
43 100  
58 34.4 28.2 42.4

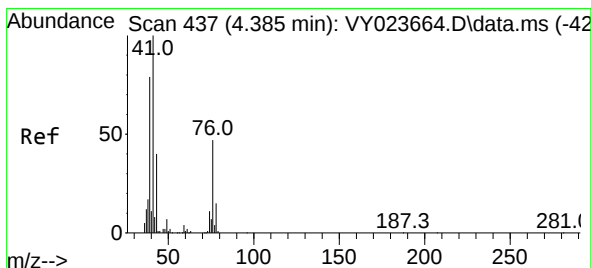
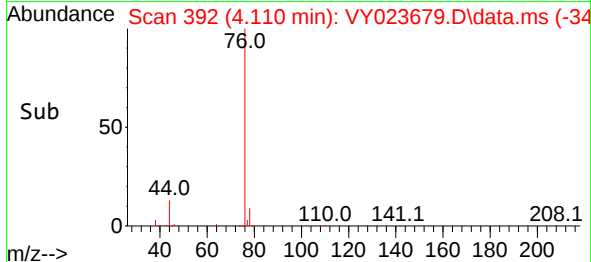
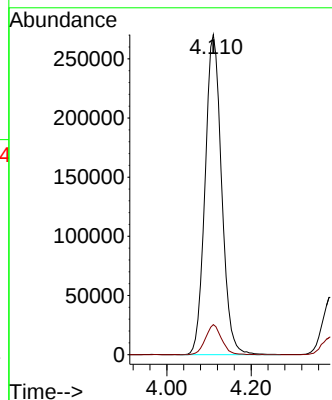
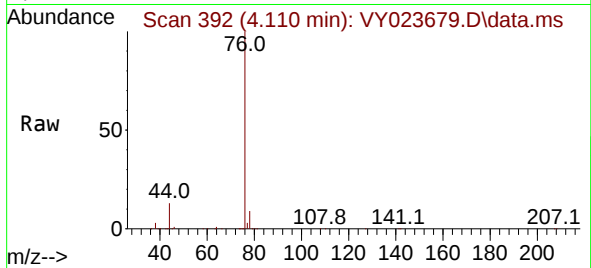




#17  
Carbon Disulfide  
Concen: 49.092 ug/l  
RT: 4.110 min Scan# 392  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

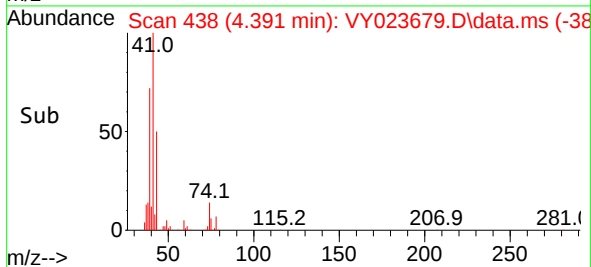
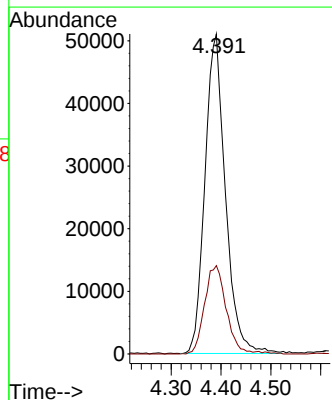
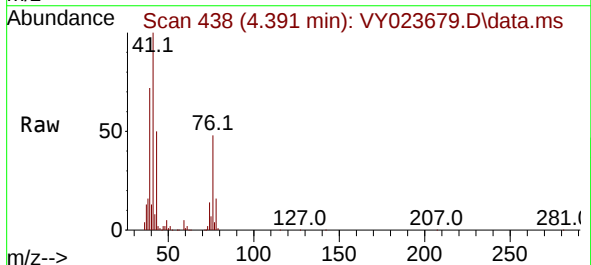
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

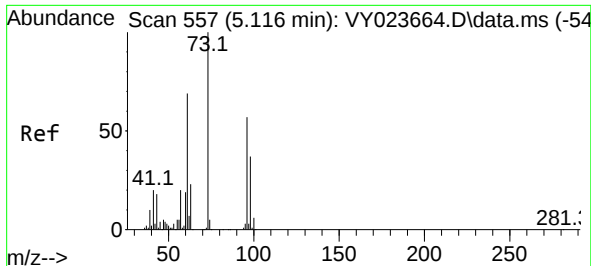
Tgt Ion: 76 Resp: 738656  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.1 10.7



#18  
Methyl Acetate  
Concen: 56.575 ug/l  
RT: 4.391 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 43 Resp: 145179  
Ion Ratio Lower Upper  
43 100  
74 29.5 22.5 33.7

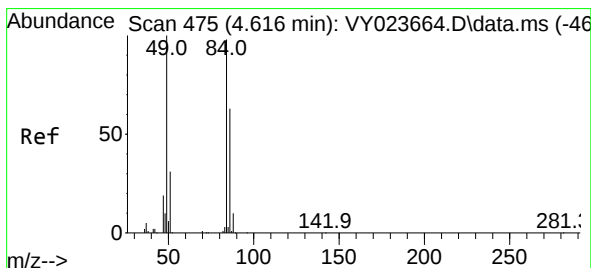
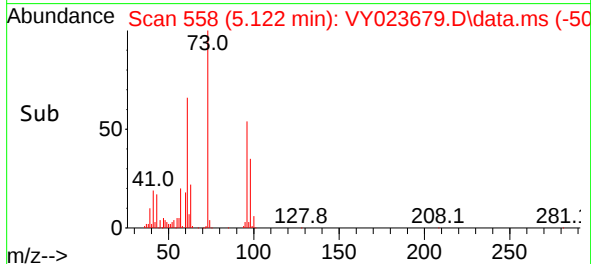
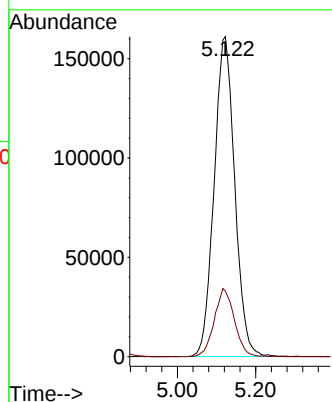
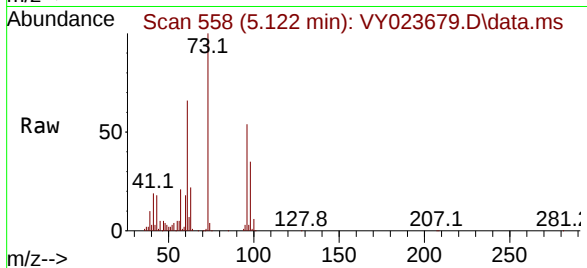




#19  
Methyl tert-butyl Ether  
Concen: 51.732 ug/l  
RT: 5.122 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

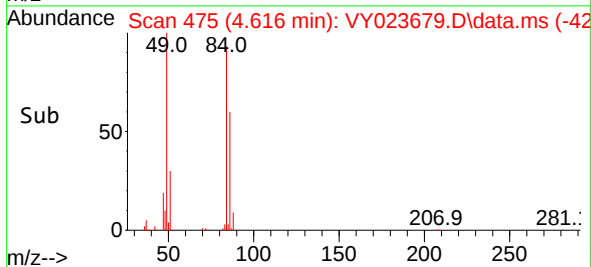
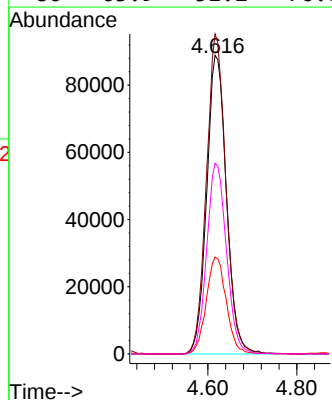
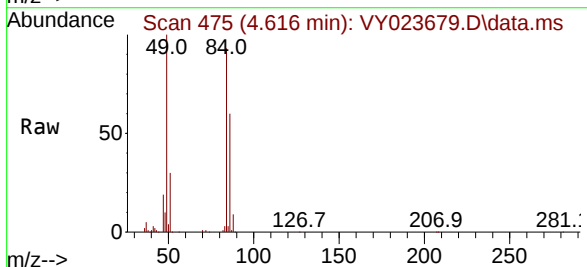
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

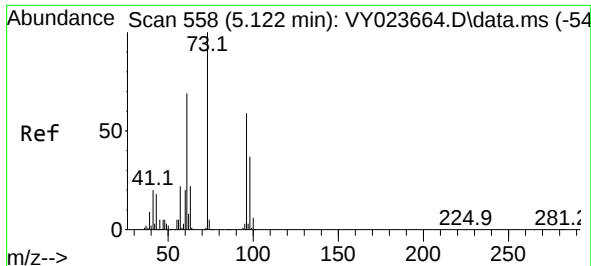
Tgt Ion: 73 Resp: 588066  
Ion Ratio Lower Upper  
73 100  
57 20.5 16.1 24.1



#20  
Methylene Chloride  
Concen: 48.952 ug/l  
RT: 4.616 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 84 Resp: 274928  
Ion Ratio Lower Upper  
84 100  
49 107.2 81.5 122.3  
51 32.5 25.5 38.3  
86 63.9 51.2 76.8

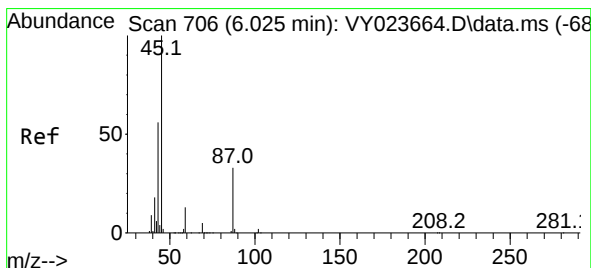
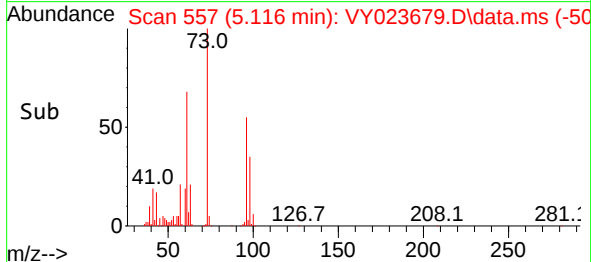
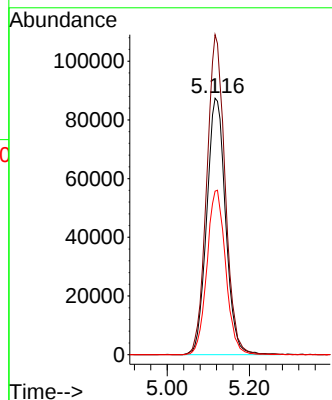
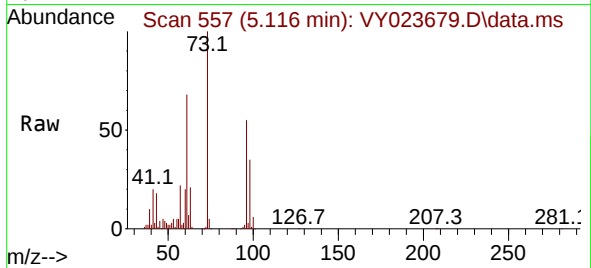




#21  
trans-1,2-Dichloroethene  
Concen: 50.415 ug/l  
RT: 5.116 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

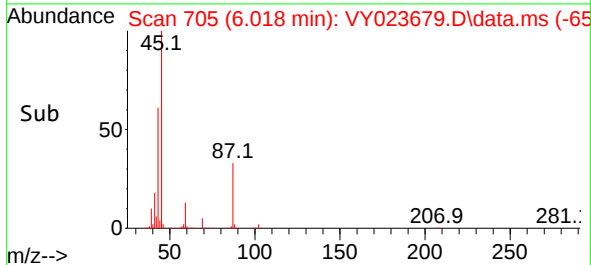
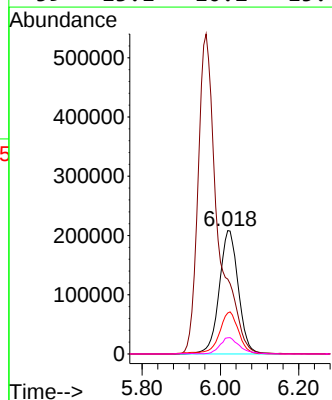
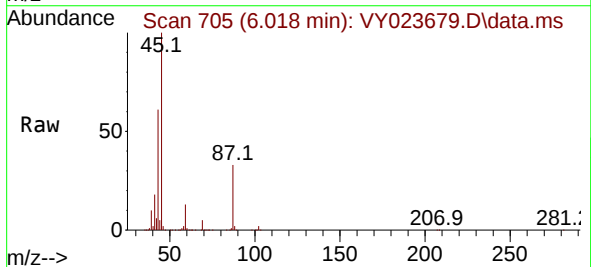
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

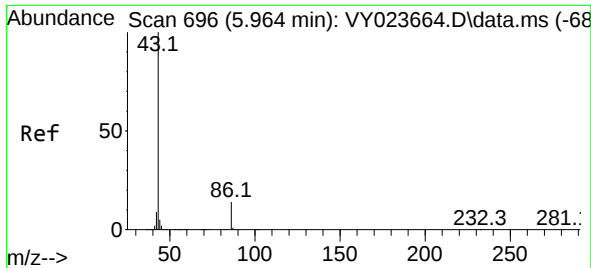
Tgt Ion: 96 Resp: 278667  
Ion Ratio Lower Upper  
96 100  
61 124.8 93.3 139.9  
98 63.8 50.6 75.8



#22  
Diisopropyl ether  
Concen: 52.894 ug/l  
RT: 6.018 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 45 Resp: 703285  
Ion Ratio Lower Upper  
45 100  
43 60.4 44.7 67.1  
87 33.2 27.2 40.8  
59 13.1 10.2 15.4

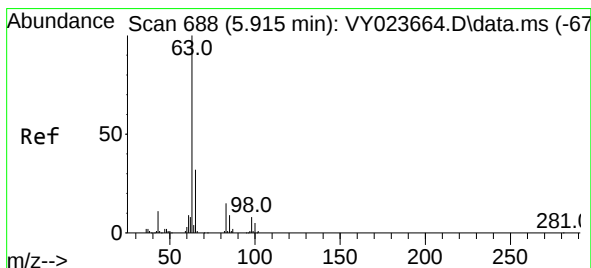
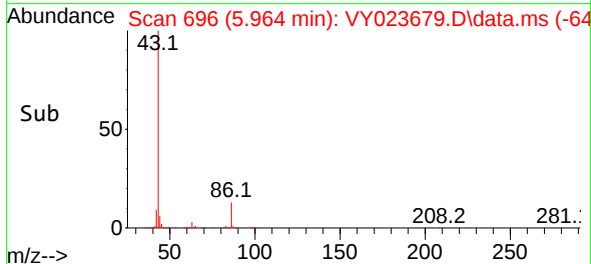
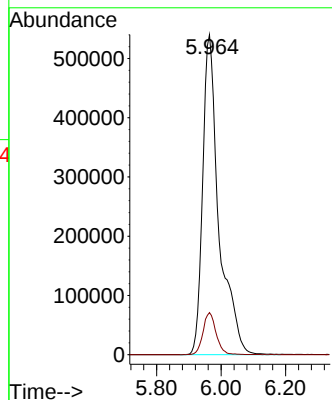
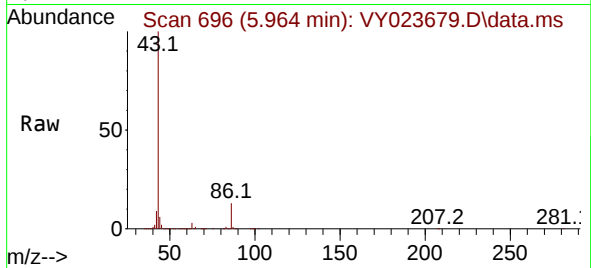




#23  
 Vinyl Acetate  
 Concen: 266.653 ug/l  
 RT: 5.964 min Scan# 696  
 Delta R.T. -0.000 min  
 Lab File: VY023679.D  
 Acq: 05 Nov 2025 09:25

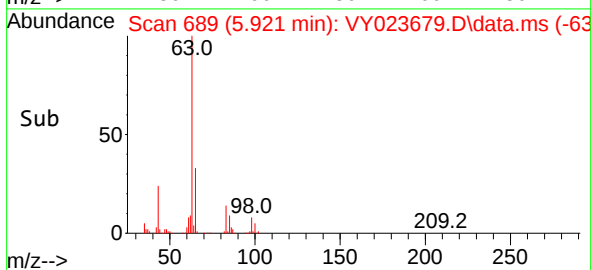
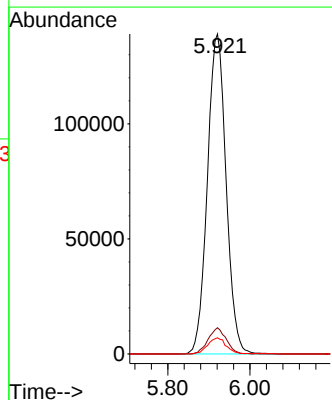
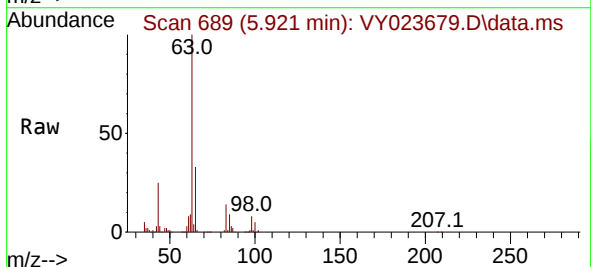
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

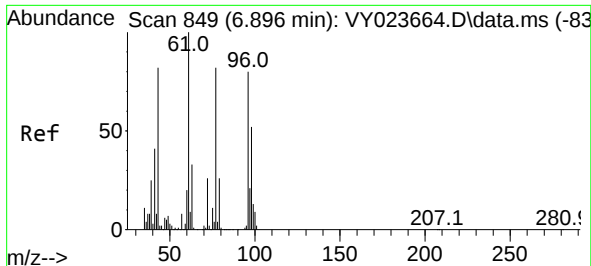
Tgt Ion: 43 Resp: 1891994  
 Ion Ratio Lower Upper  
 43 100  
 86 13.1 10.9 16.3



#24  
 1,1-Dichloroethane  
 Concen: 49.666 ug/l  
 RT: 5.921 min Scan# 689  
 Delta R.T. 0.006 min  
 Lab File: VY023679.D  
 Acq: 05 Nov 2025 09:25

Tgt Ion: 63 Resp: 439925  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 4.0 11.9  
 100 5.1 2.6 7.8

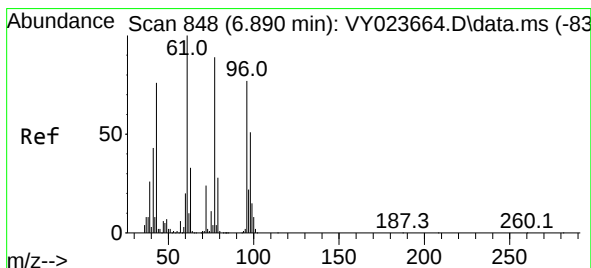
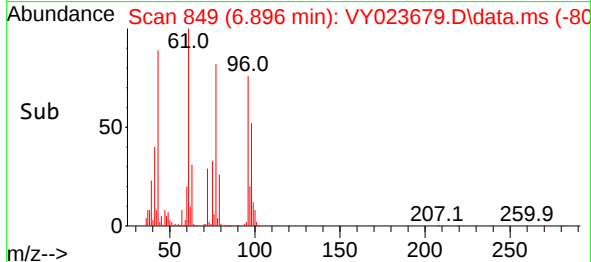
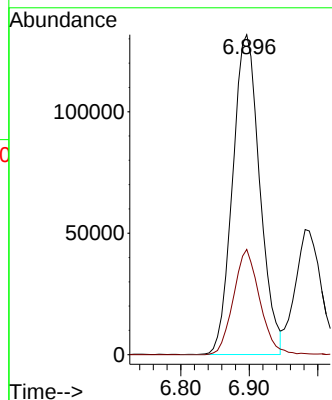
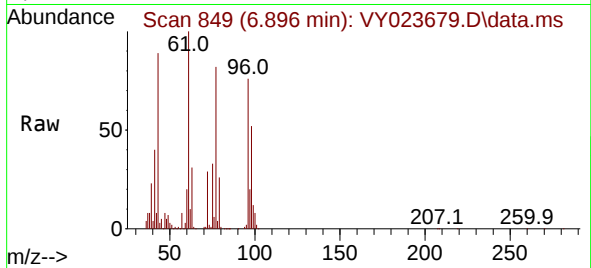




#25  
2-Butanone  
Concen: 269.338 ug/l  
RT: 6.896 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

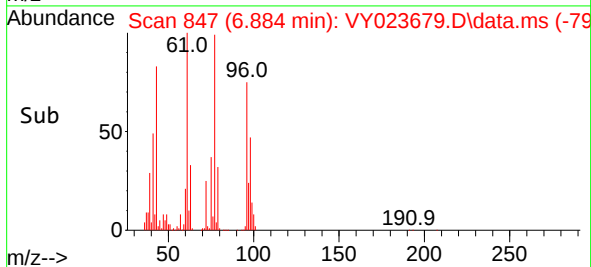
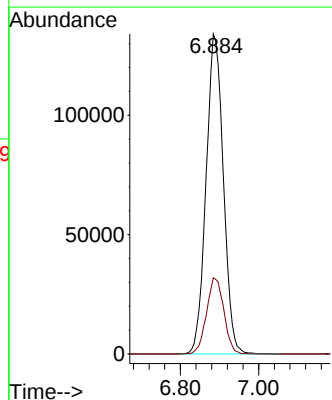
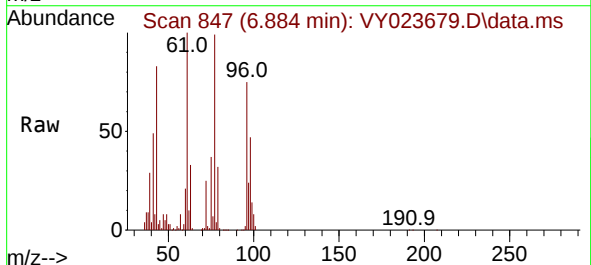
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

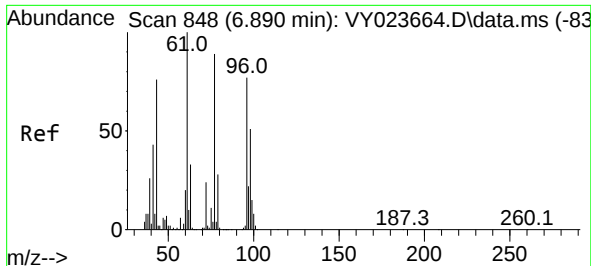
Tgt Ion: 43 Resp: 362288  
Ion Ratio Lower Upper  
43 100  
72 32.9 25.7 38.5



#26  
2,2-Dichloropropane  
Concen: 50.294 ug/l  
RT: 6.884 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 77 Resp: 409786  
Ion Ratio Lower Upper  
77 100  
97 23.9 12.0 36.1

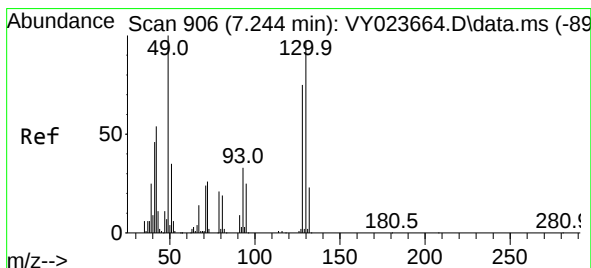
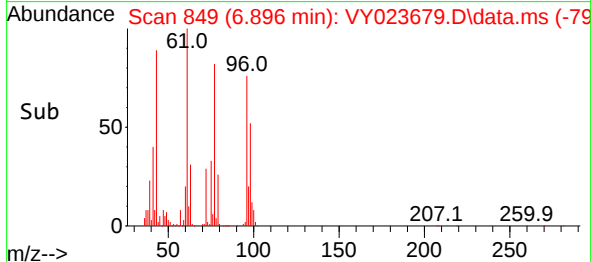
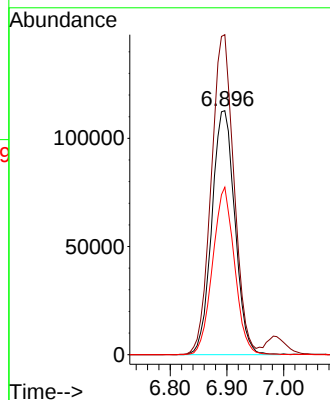
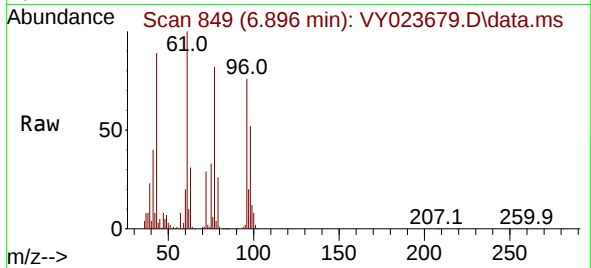




#27  
 cis-1,2-Dichloroethene  
 Concen: 50.413 ug/l  
 RT: 6.896 min Scan# 848  
 Delta R.T. 0.006 min  
 Lab File: VY023679.D  
 Acq: 05 Nov 2025 09:25

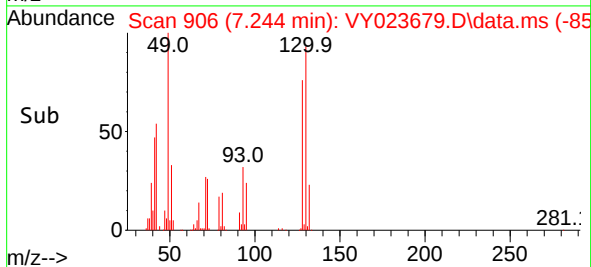
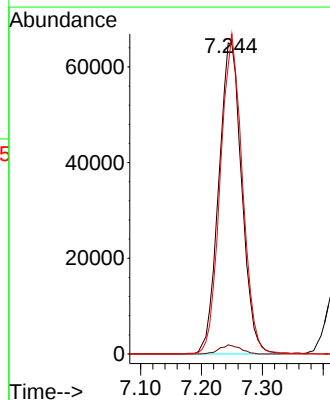
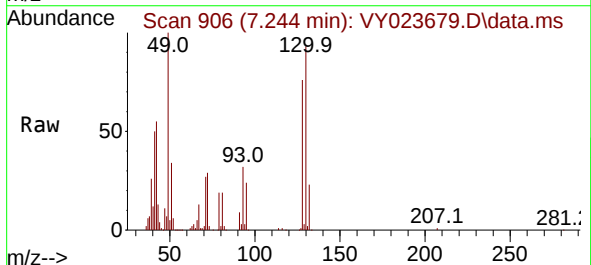
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

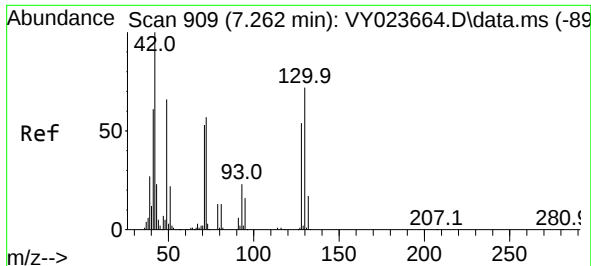
Tgt Ion: 96 Resp: 318254  
 Ion Ratio Lower Upper  
 96 100  
 61 129.5 0.0 255.0  
 98 65.3 0.0 129.8



#28  
 Bromochloromethane  
 Concen: 50.228 ug/l  
 RT: 7.244 min Scan# 906  
 Delta R.T. -0.000 min  
 Lab File: VY023679.D  
 Acq: 05 Nov 2025 09:25

Tgt Ion: 49 Resp: 170351  
 Ion Ratio Lower Upper  
 49 100  
 129 2.7 0.0 5.0  
 130 98.5 80.1 120.1





#29

Tetrahydrofuran

Concen: 274.030 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

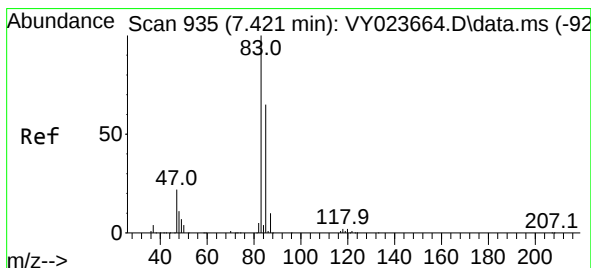
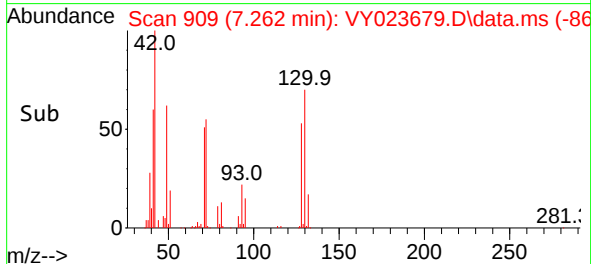
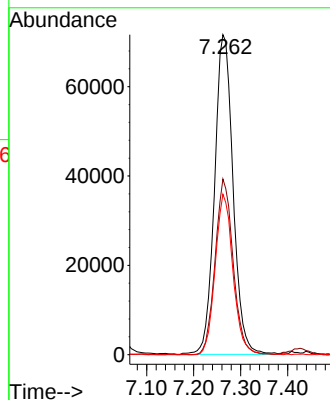
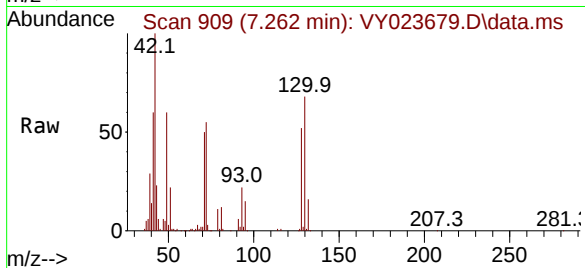
Tgt Ion: 42 Resp: 196304

Ion Ratio Lower Upper

42 100

72 53.5 43.4 65.2

71 48.3 40.7 61.1



#30

Chloroform

Concen: 50.219 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023679.D

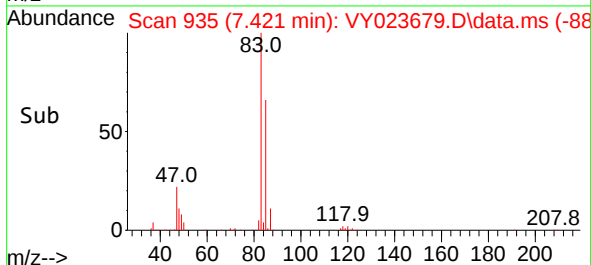
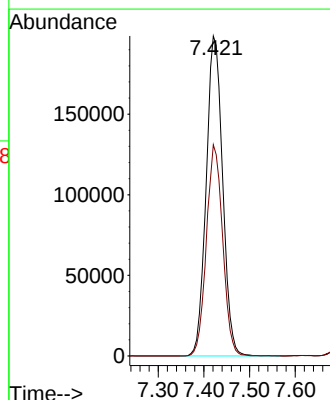
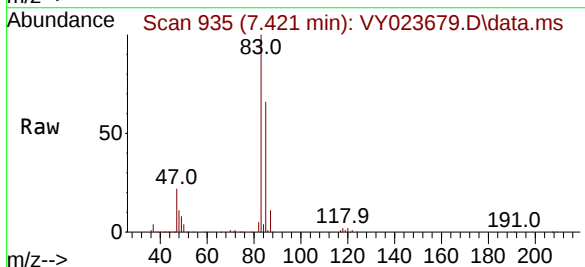
Acq: 05 Nov 2025 09:25

Tgt Ion: 83 Resp: 496309

Ion Ratio Lower Upper

83 100

85 66.0 52.1 78.1

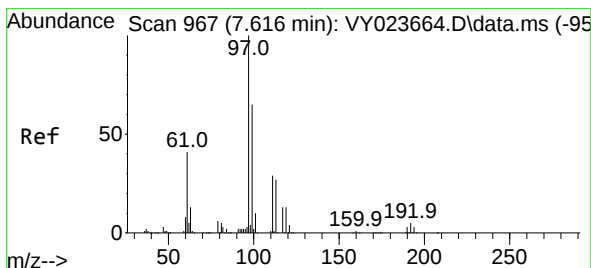
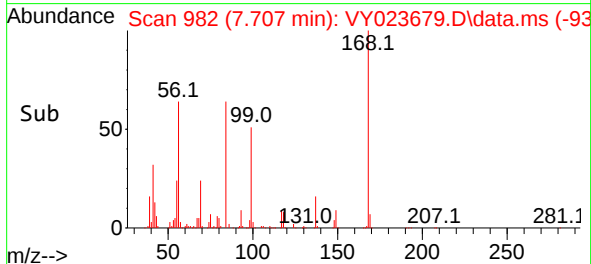
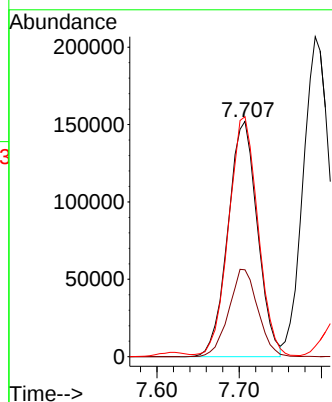
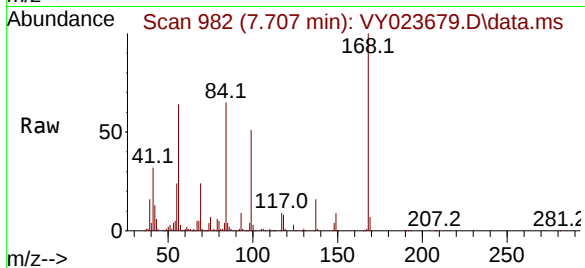




#31  
Cyclohexane  
Concen: 49.253 ug/l  
RT: 7.707 min Scan# 981  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

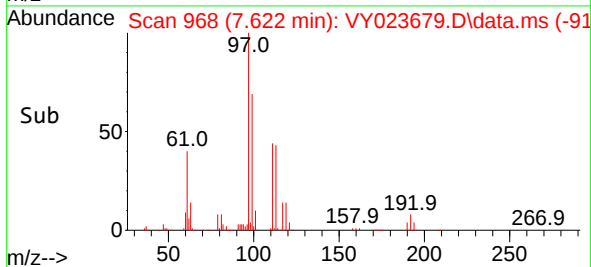
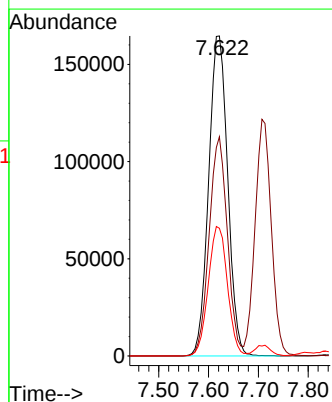
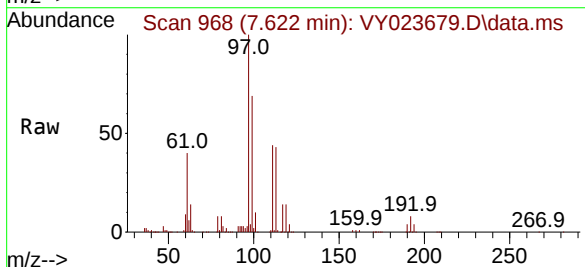
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

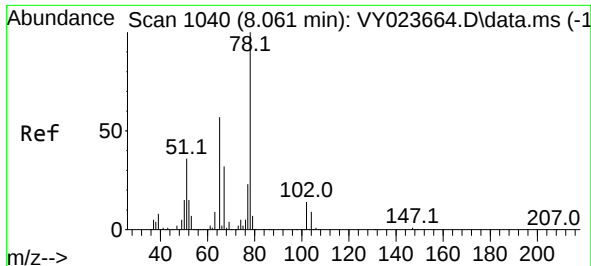
Tgt Ion: 56 Resp: 379929  
Ion Ratio Lower Upper  
56 100  
69 36.9 30.5 45.7  
84 100.5 79.0 118.4



#32  
1,1,1-Trichloroethane  
Concen: 49.453 ug/l  
RT: 7.622 min Scan# 968  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 97 Resp: 436815  
Ion Ratio Lower Upper  
97 100  
99 65.8 51.5 77.3  
61 40.8 32.5 48.7

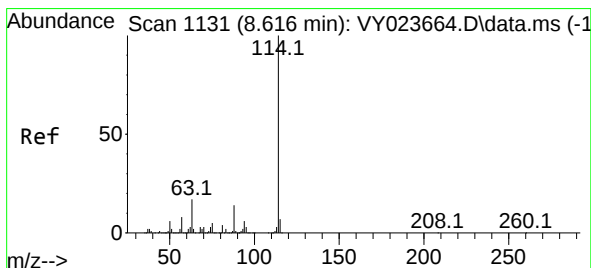
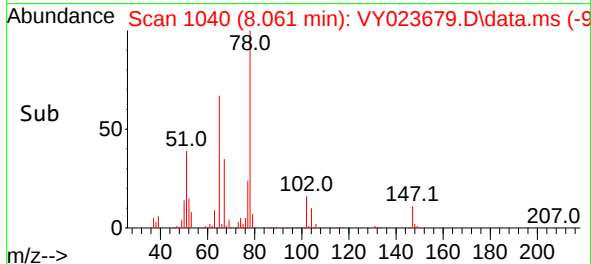
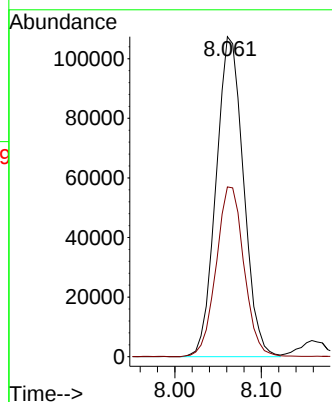
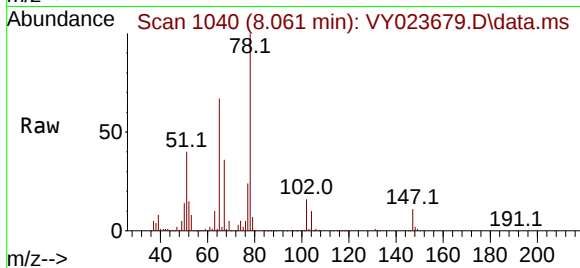




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.481 ug/l  
 RT: 8.061 min Scan# 1040  
 Delta R.T. -0.000 min  
 Lab File: VY023679.D  
 Acq: 05 Nov 2025 09:25

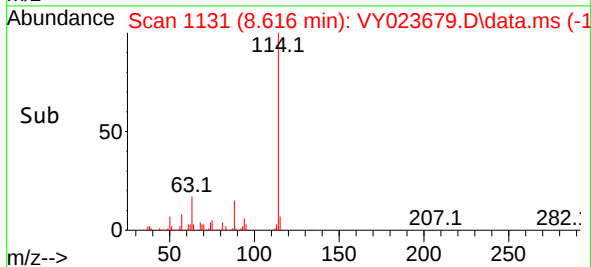
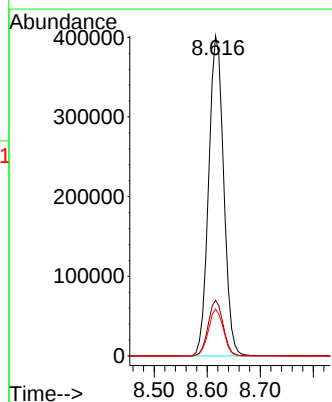
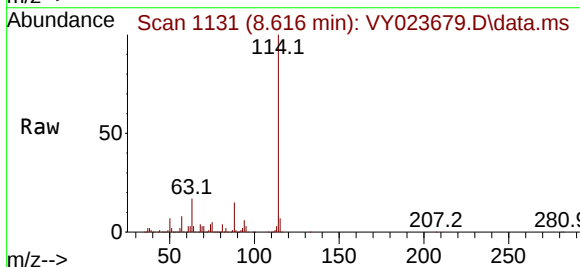
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 65 Resp: 236270  
 Ion Ratio Lower Upper  
 65 100  
 67 53.9 0.0 107.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.616 min Scan# 1131  
 Delta R.T. -0.000 min  
 Lab File: VY023679.D  
 Acq: 05 Nov 2025 09:25

Tgt Ion: 114 Resp: 791181  
 Ion Ratio Lower Upper  
 114 100  
 63 17.4 0.0 33.8  
 88 14.6 0.0 29.0

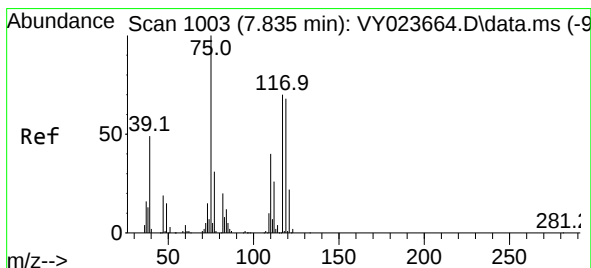
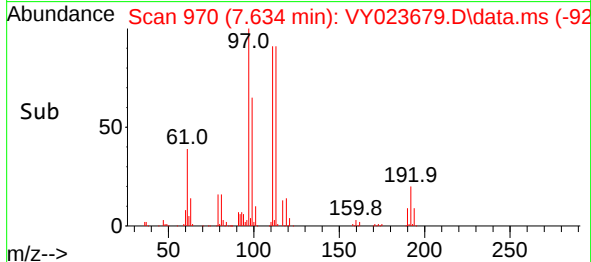
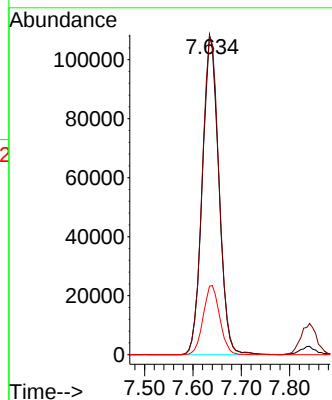
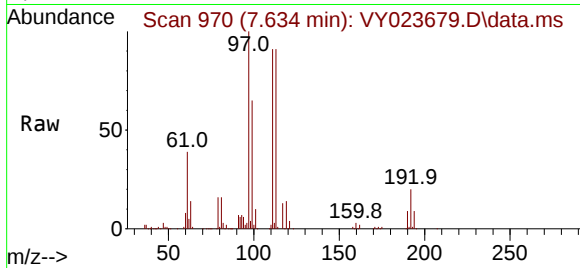




#35  
Dibromofluoromethane  
Concen: 51.815 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

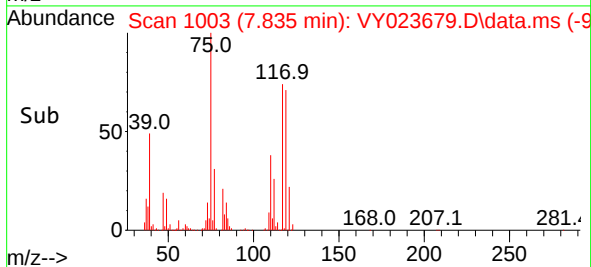
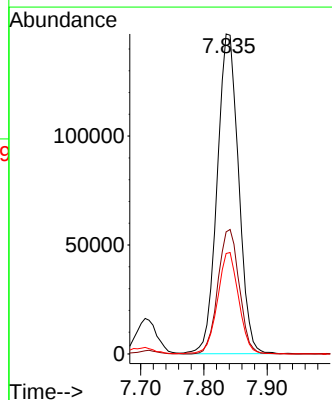
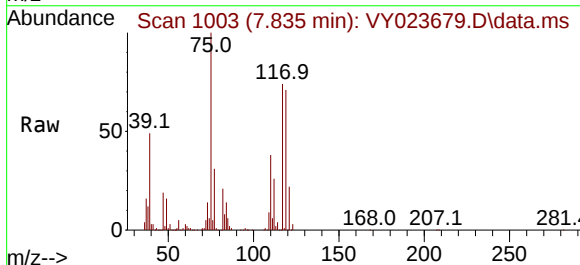
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion:113 Resp: 256190  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.2 123.4  
192 21.7 17.3 25.9



#36  
1,1-Dichloropropene  
Concen: 52.139 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 75 Resp: 344479  
Ion Ratio Lower Upper  
75 100  
110 38.8 19.7 59.0  
77 31.5 25.2 37.8





#37

Ethyl Acetate

Concen: 55.112 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

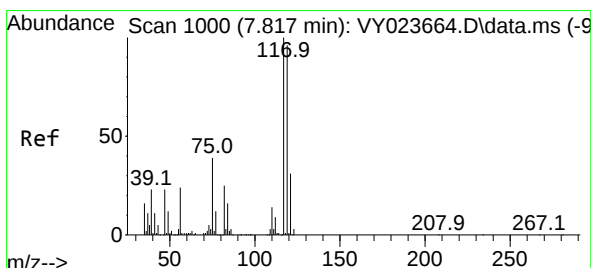
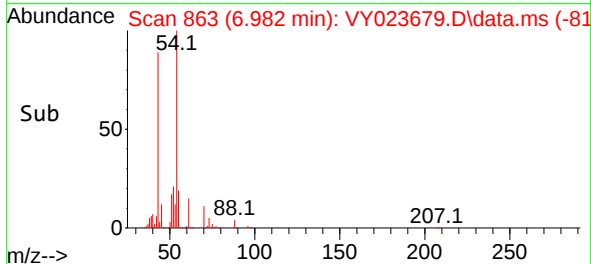
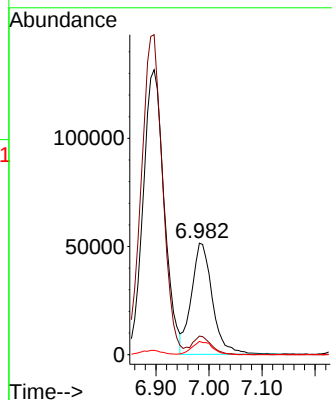
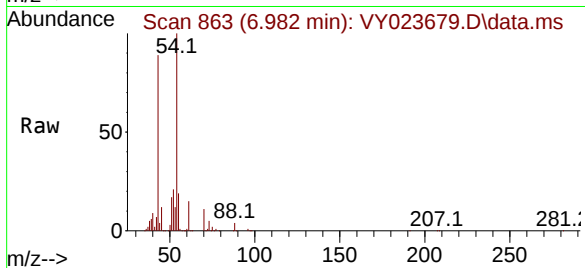
Tgt Ion: 43 Resp: 140959

Ion Ratio Lower Upper

43 100

61 14.2 12.4 18.6

70 11.7 9.8 14.8



#38

Carbon Tetrachloride

Concen: 51.336 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

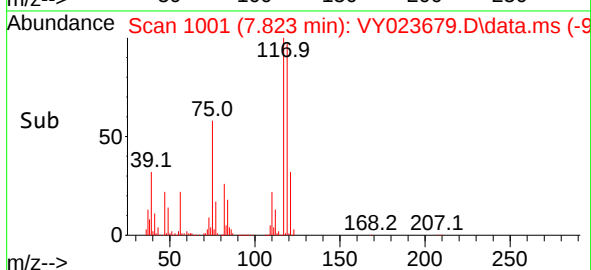
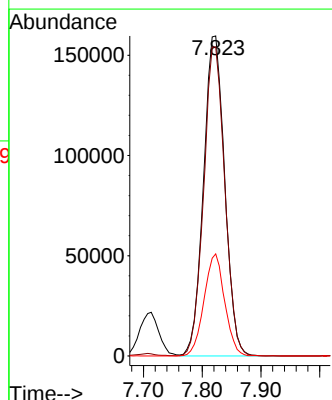
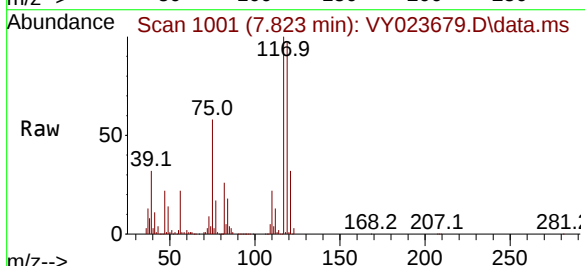
Tgt Ion: 117 Resp: 399624

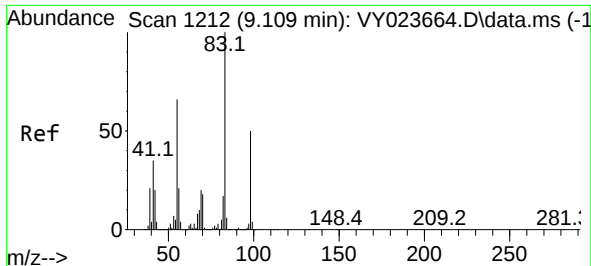
Ion Ratio Lower Upper

117 100

119 96.6 76.3 114.5

121 31.9 24.8 37.2





#39

Methylcyclohexane

Concen: 52.970 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

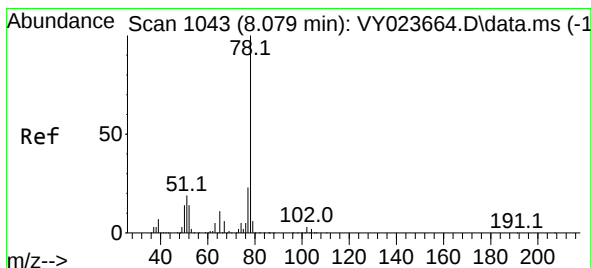
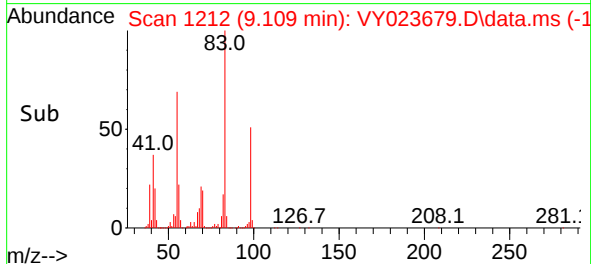
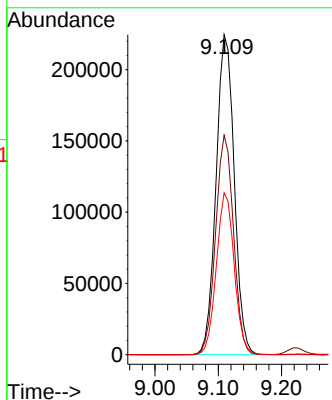
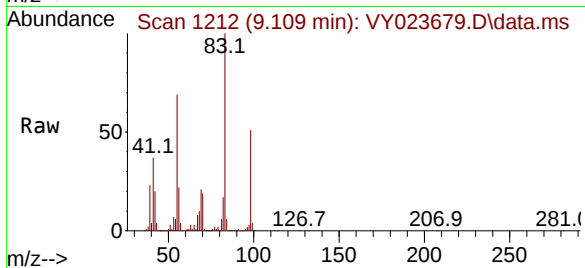
Tgt Ion: 83 Resp: 447171

Ion Ratio Lower Upper

83 100

55 68.6 52.6 78.8

98 50.6 39.7 59.5



#40

Benzene

Concen: 52.470 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023679.D

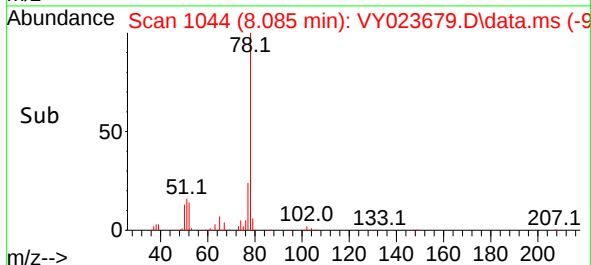
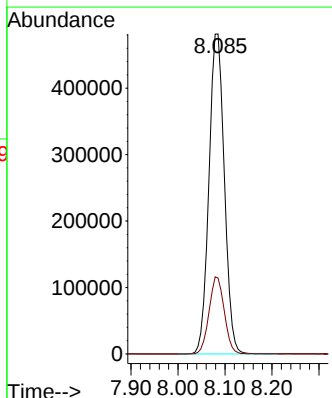
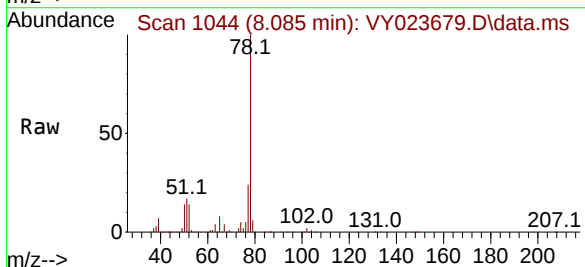
Acq: 05 Nov 2025 09:25

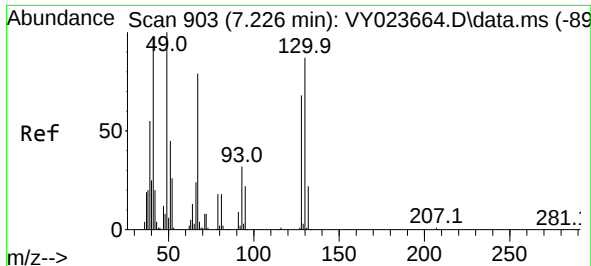
Tgt Ion: 78 Resp: 1092714

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

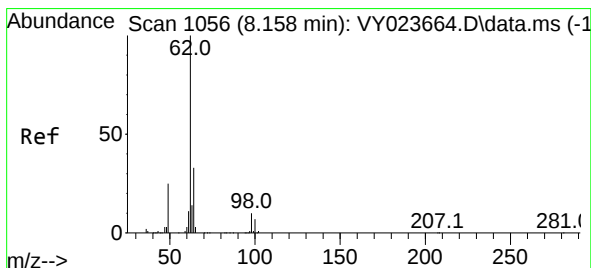
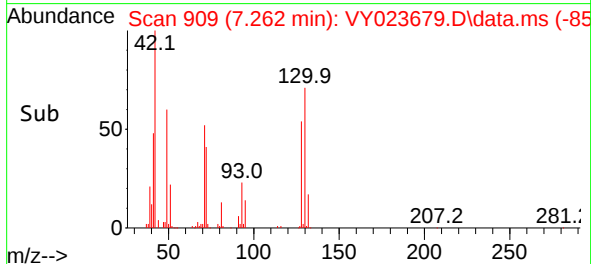
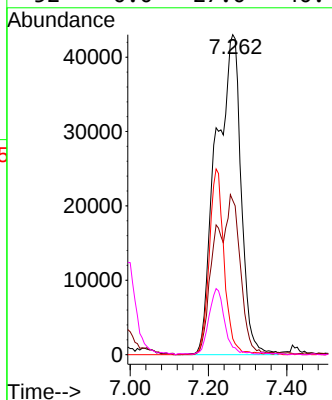
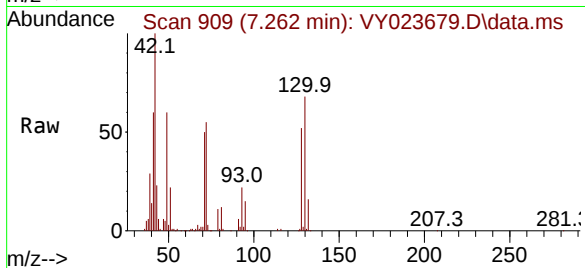




#41  
Methacrylonitrile  
Concen: 136.549 ug/l  
RT: 7.262 min Scan# 903  
Delta R.T. 0.037 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

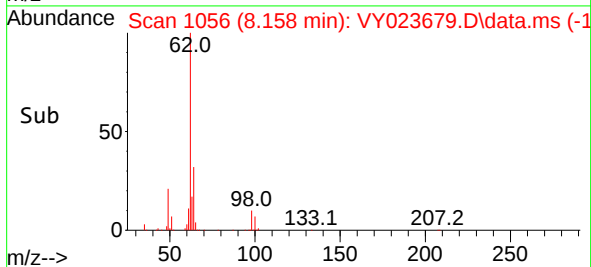
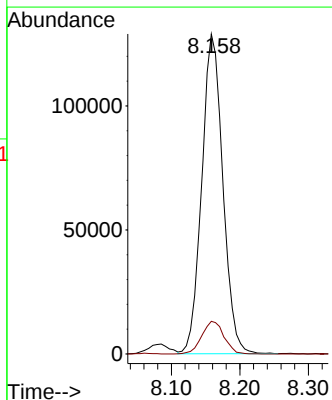
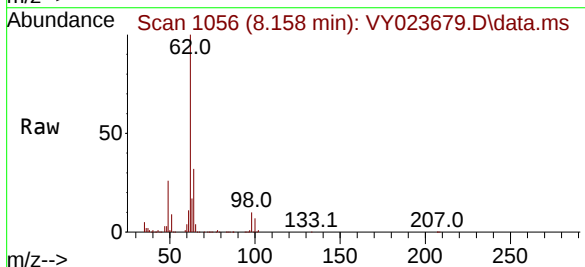
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

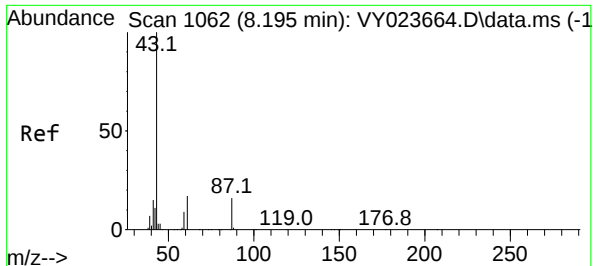
Tgt Ion: 41 Resp: 190637  
Ion Ratio Lower Upper  
41 100  
39 28.4 38.6 57.8#  
67 0.0 71.3 106.9#  
52 0.0 27.0 40.4#



#42  
1,2-Dichloroethane  
Concen: 52.399 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 62 Resp: 276077  
Ion Ratio Lower Upper  
62 100  
98 10.7 0.0 21.0





#43

Isopropyl Acetate

Concen: 53.370 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

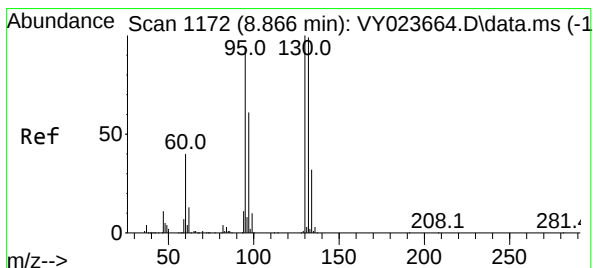
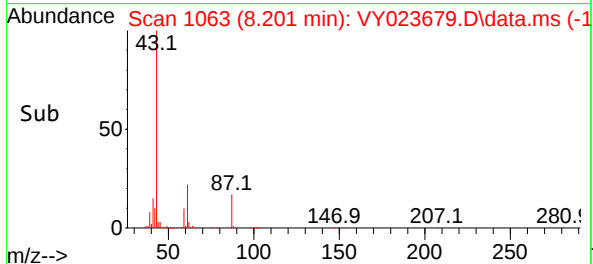
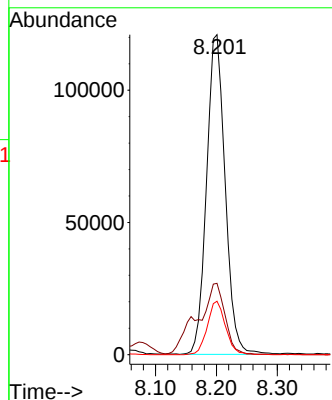
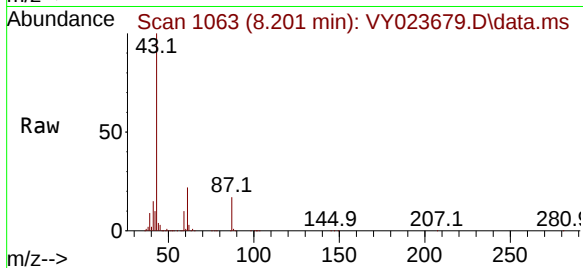
Tgt Ion: 43 Resp: 256475

Ion Ratio Lower Upper

43 100

61 21.1 18.2 27.2

87 16.4 13.3 19.9



#44

Trichloroethene

Concen: 50.562 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY023679.D

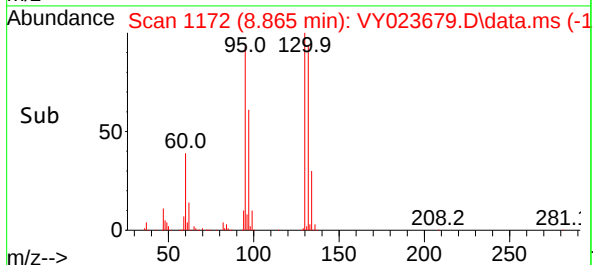
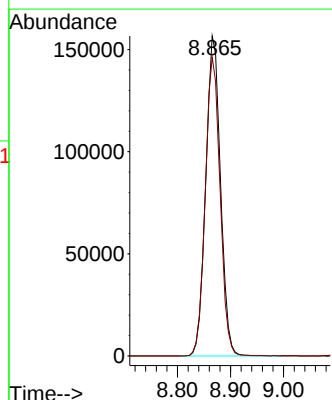
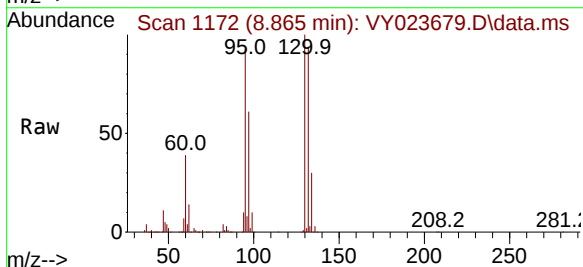
Acq: 05 Nov 2025 09:25

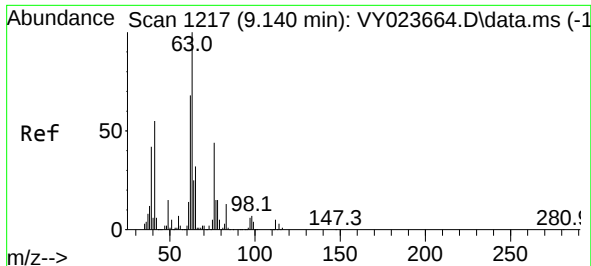
Tgt Ion:130 Resp: 302440

Ion Ratio Lower Upper

130 100

95 93.4 0.0 187.0





#45

1,2-Dichloropropane

Concen: 53.236 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

MSVOA\_Y

ClientSampleId :

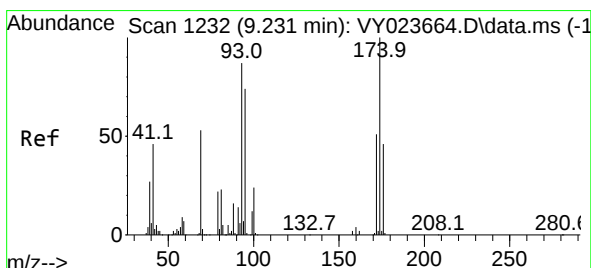
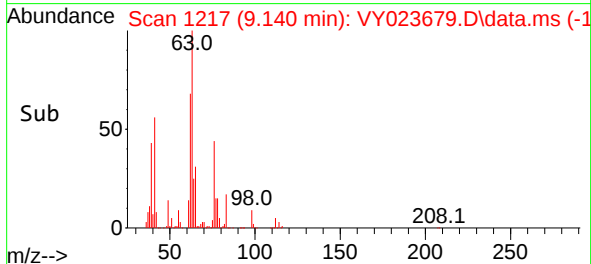
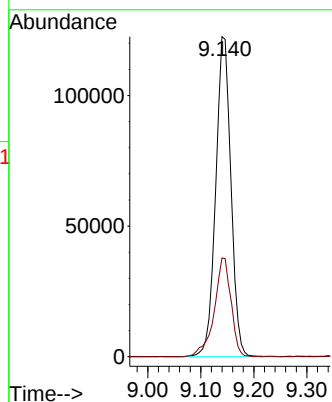
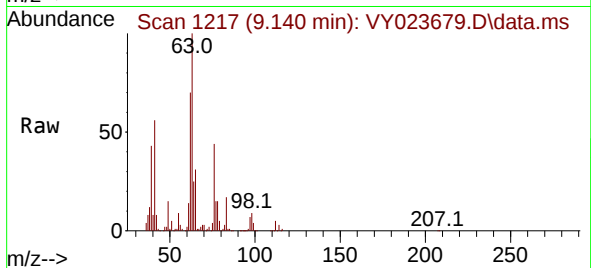
VSTDCCC050

Tgt Ion: 63 Resp: 244686

Ion Ratio Lower Upper

63 100

65 30.9 25.6 38.4



#46

Dibromomethane

Concen: 53.410 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

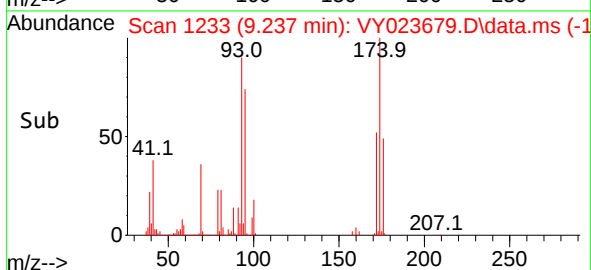
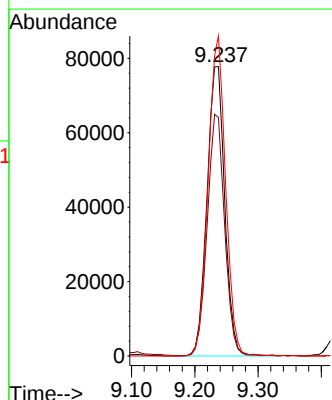
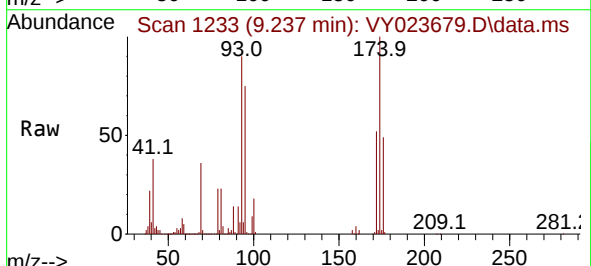
Tgt Ion: 93 Resp: 152105

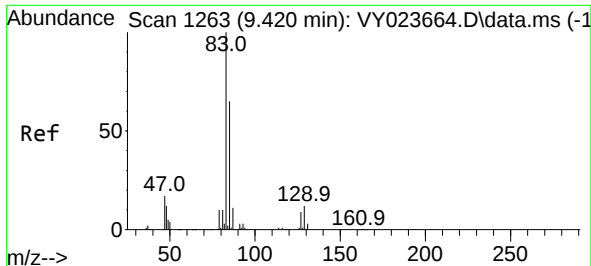
Ion Ratio Lower Upper

93 100

95 81.8 67.4 101.2

174 108.2 89.4 134.0

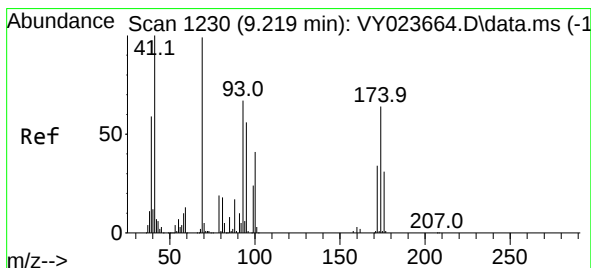
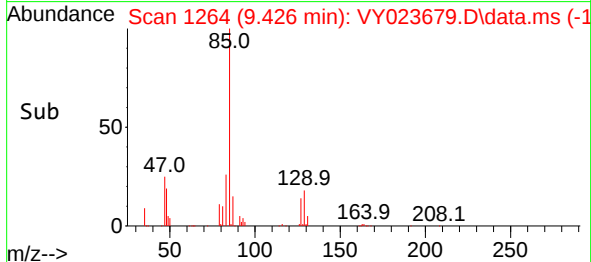
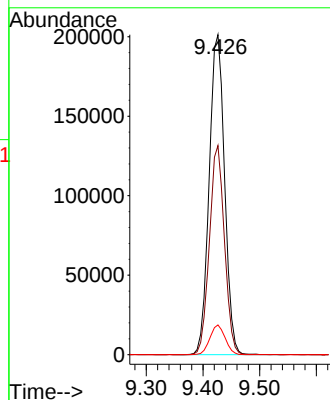
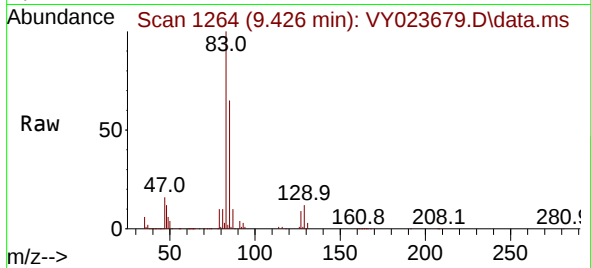




#47  
Bromodichloromethane  
Concen: 52.903 ug/l  
RT: 9.426 min Scan# 1263  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

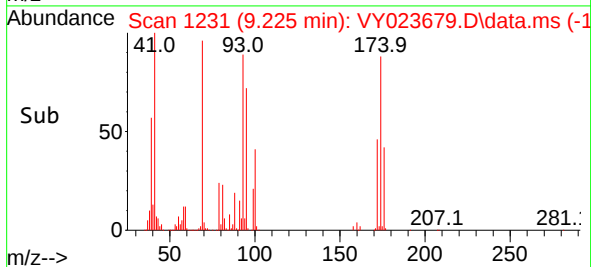
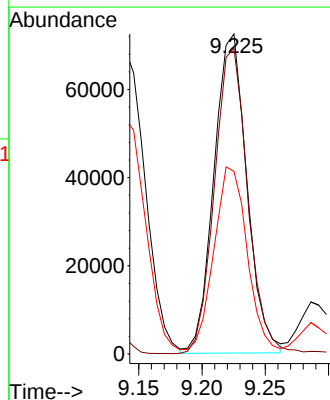
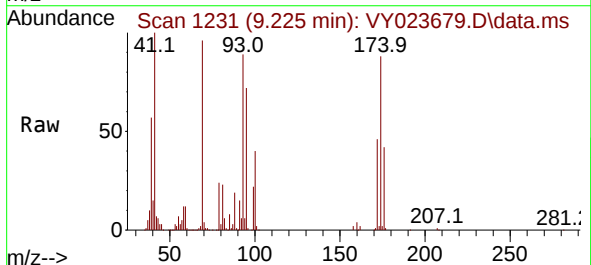
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

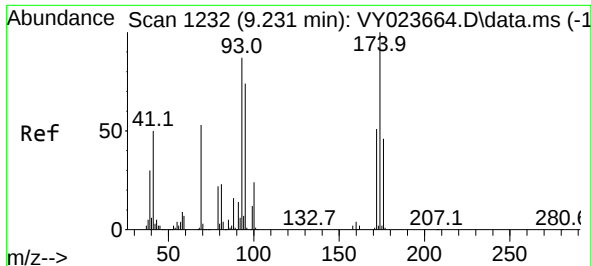
Tgt Ion: 83 Resp: 379850  
Ion Ratio Lower Upper  
83 100  
85 65.4 52.1 78.1  
127 9.3 7.5 11.3



#48  
Methyl methacrylate  
Concen: 57.837 ug/l  
RT: 9.225 min Scan# 1231  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 41 Resp: 131318  
Ion Ratio Lower Upper  
41 100  
69 96.8 80.2 120.2  
39 57.2 47.4 71.0





#49

1,4-Dioxane

Concen: 1082.983 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

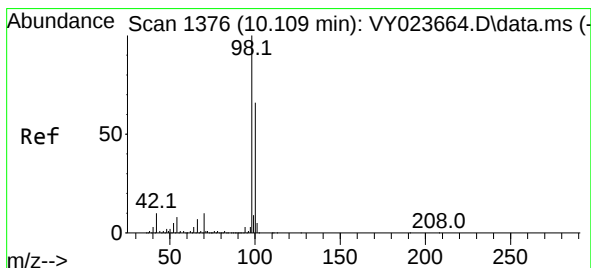
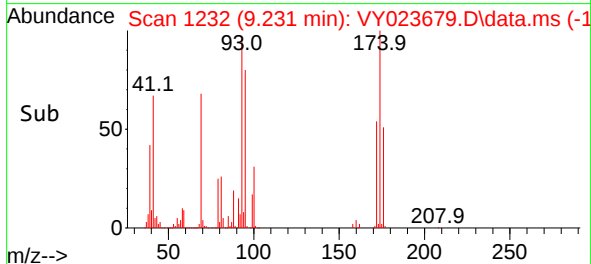
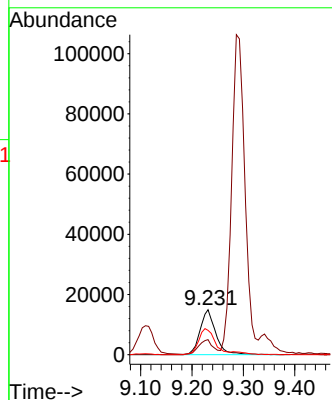
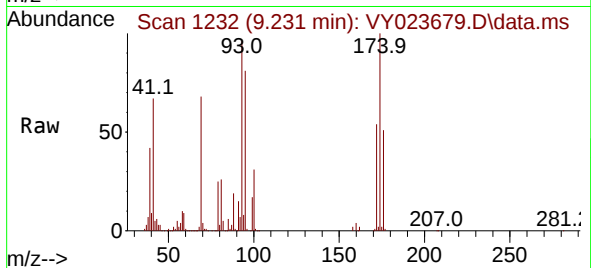
Tgt Ion: 88 Resp: 31563

Ion Ratio Lower Upper

88 100

43 30.4 22.0 33.0

58 60.0 47.8 71.8



#50

Toluene-d8

Concen: 52.987 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023679.D

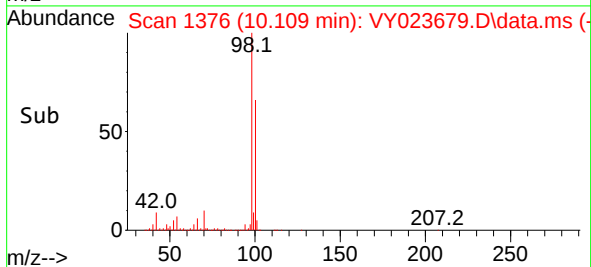
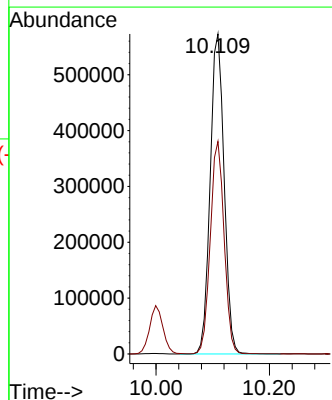
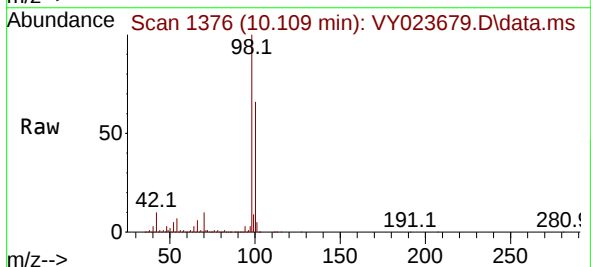
Acq: 05 Nov 2025 09:25

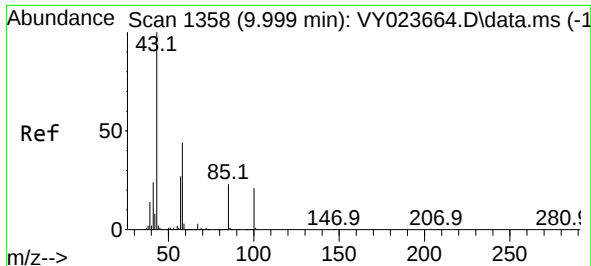
Tgt Ion: 98 Resp: 975924

Ion Ratio Lower Upper

98 100

100 65.7 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 281.437 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

MSVOA\_Y

ClientSampleId :

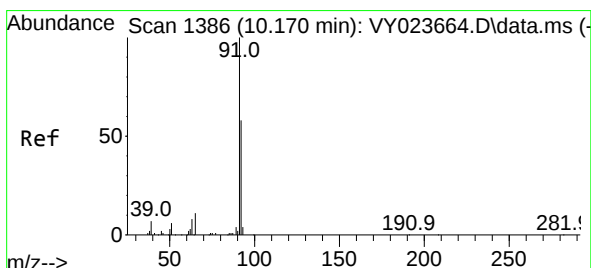
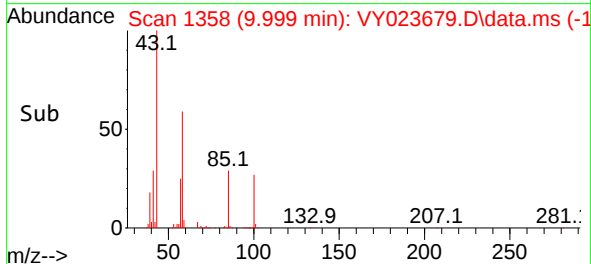
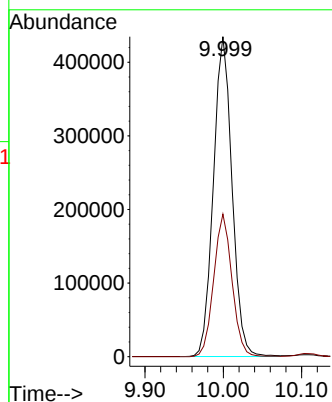
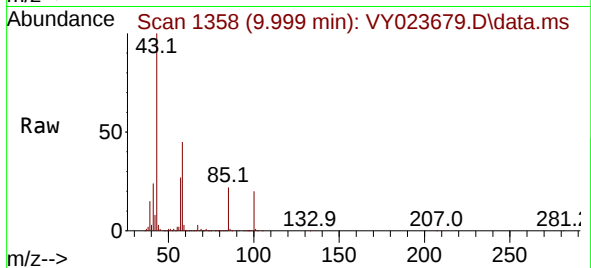
VSTDCCC050

Tgt Ion: 43 Resp: 719262

Ion Ratio Lower Upper

43 100

58 43.7 34.8 52.2



#52

Toluene

Concen: 54.191 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023679.D

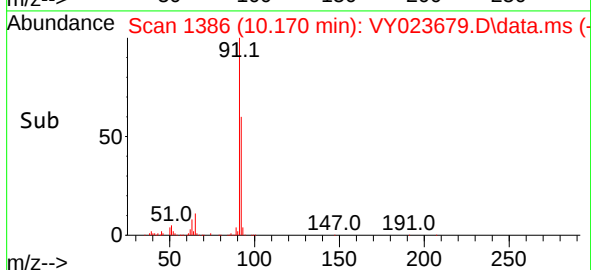
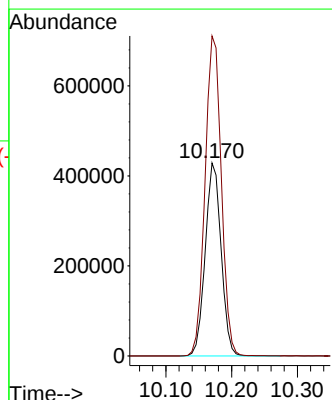
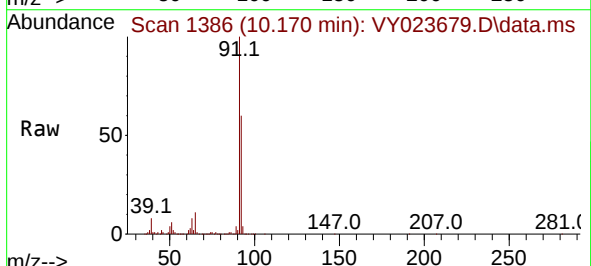
Acq: 05 Nov 2025 09:25

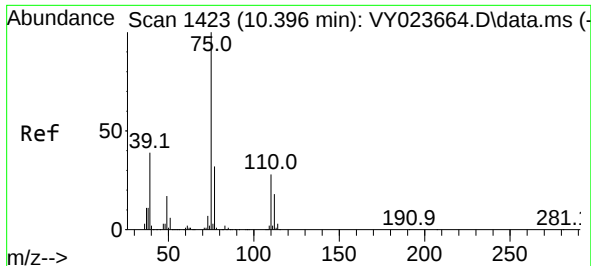
Tgt Ion: 92 Resp: 720510

Ion Ratio Lower Upper

92 100

91 169.8 137.8 206.8

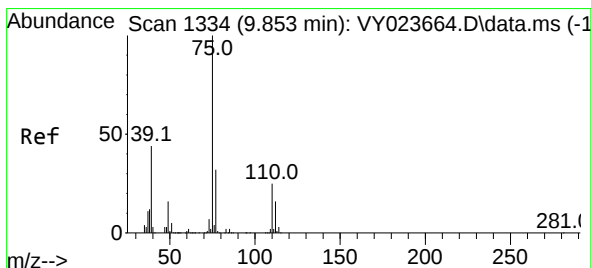
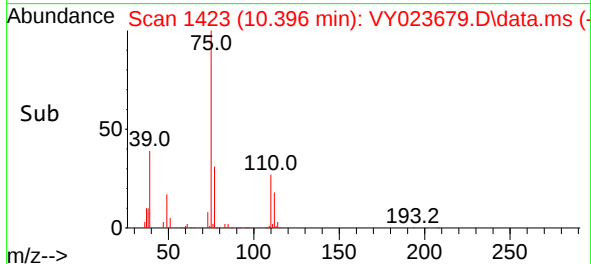
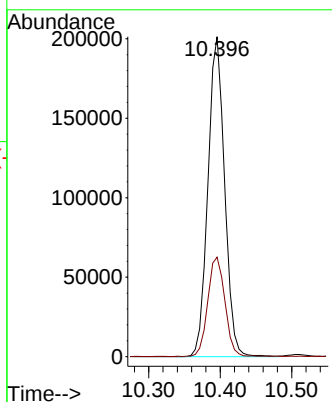
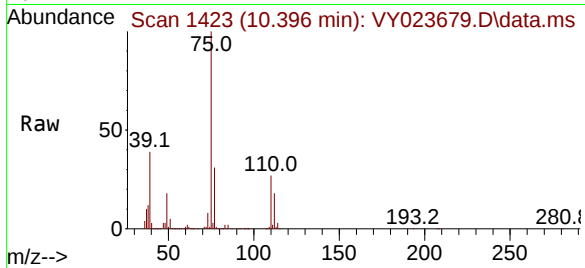




#53  
t-1,3-Dichloropropene  
Concen: 53.652 ug/l  
RT: 10.396 min Scan# 1423  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

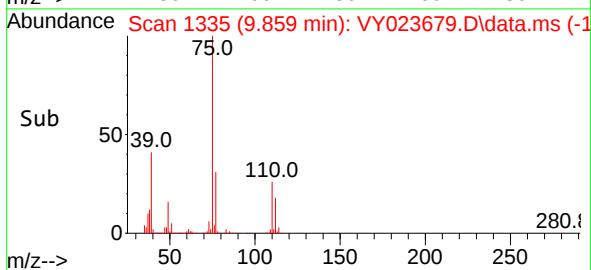
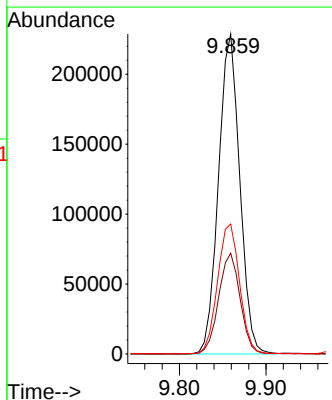
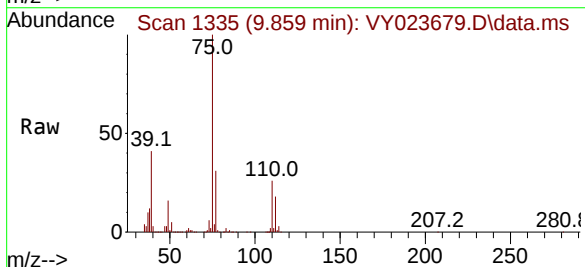
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

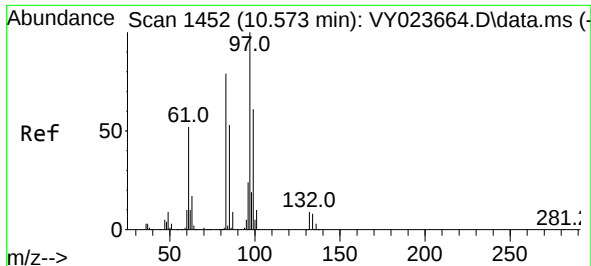
Tgt Ion: 75 Resp: 325953  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 53.546 ug/l  
RT: 9.859 min Scan# 1335  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 75 Resp: 389753  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.7 38.5  
39 40.5 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 52.534 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 199933

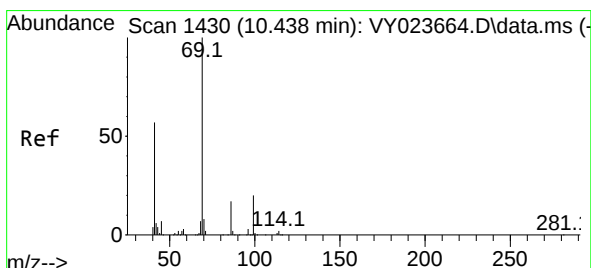
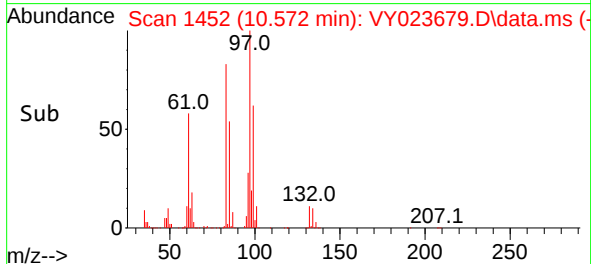
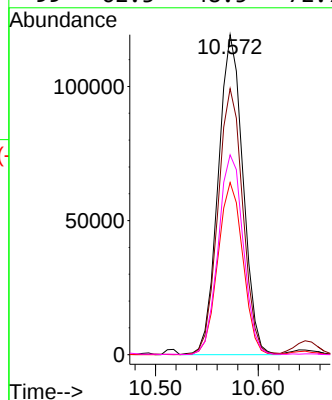
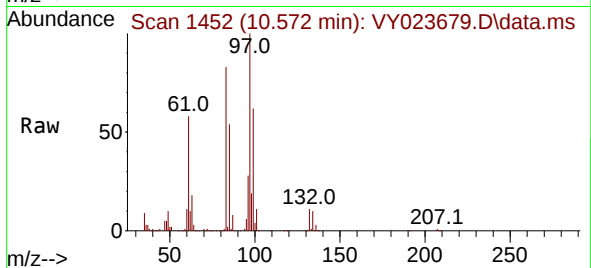
Ion Ratio Lower Upper

97 100

83 83.0 63.3 94.9

85 53.8 42.4 63.6

99 62.3 48.5 72.7



#56

Ethyl methacrylate

Concen: 56.048 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

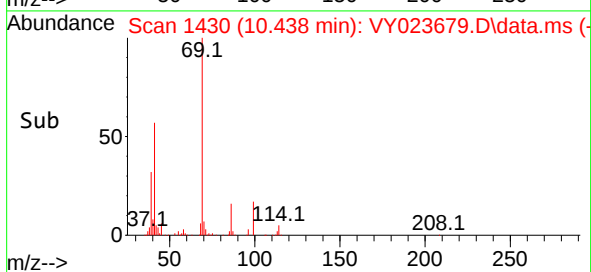
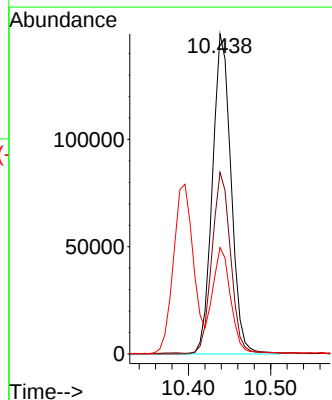
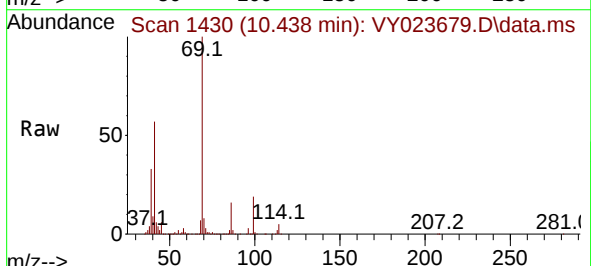
Tgt Ion: 69 Resp: 235025

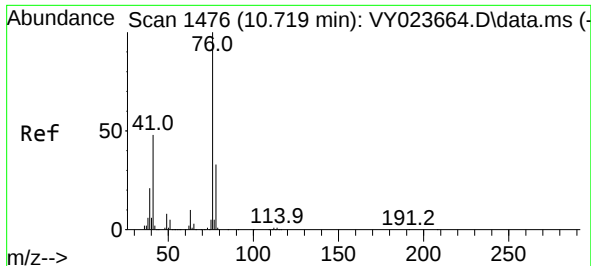
Ion Ratio Lower Upper

69 100

41 56.4 45.0 67.4

39 31.7 25.1 37.7





#57

1,3-Dichloropropane

Concen: 53.231 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

MSVOA\_Y

ClientSampleId :

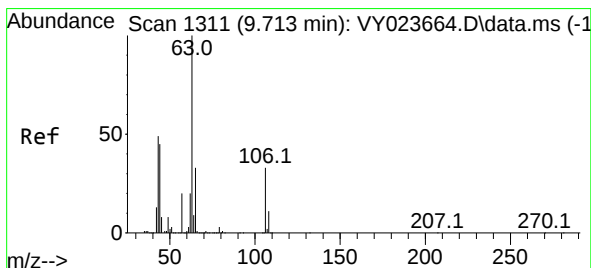
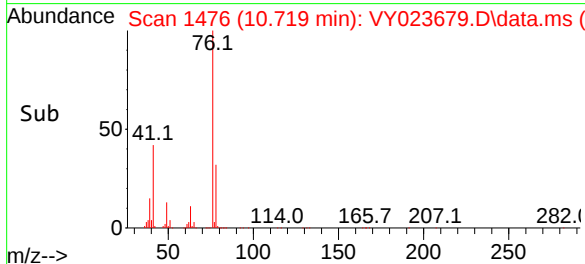
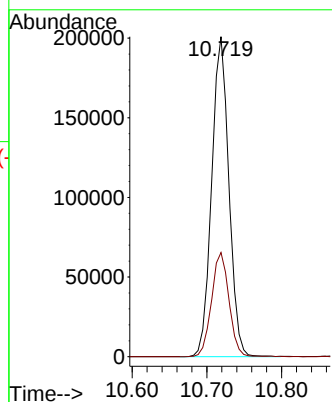
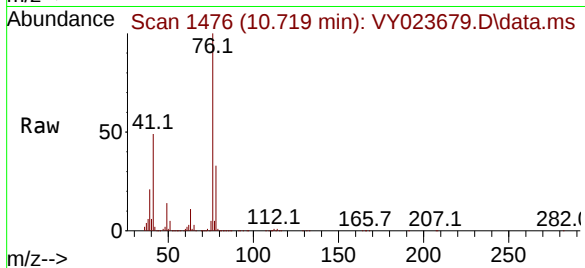
VSTDCCC050

Tgt Ion: 76 Resp: 321336

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 275.497 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023679.D

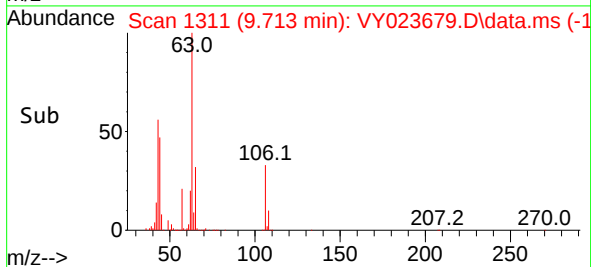
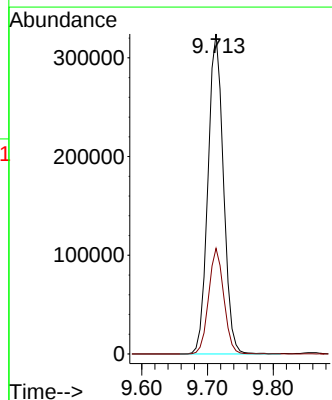
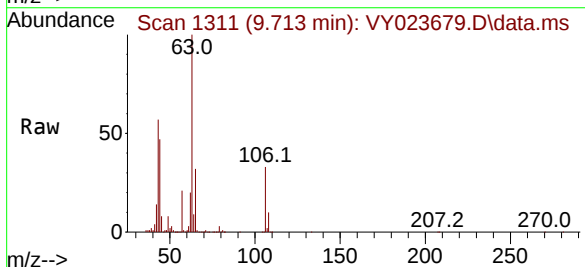
Acq: 05 Nov 2025 09:25

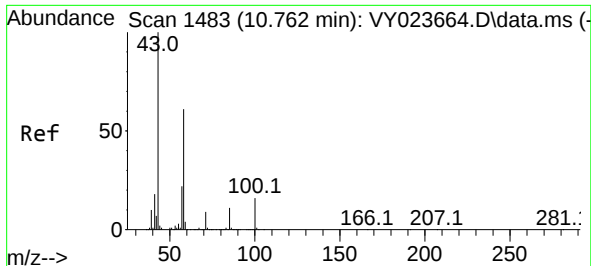
Tgt Ion: 63 Resp: 530106

Ion Ratio Lower Upper

63 100

106 32.3 26.2 39.2

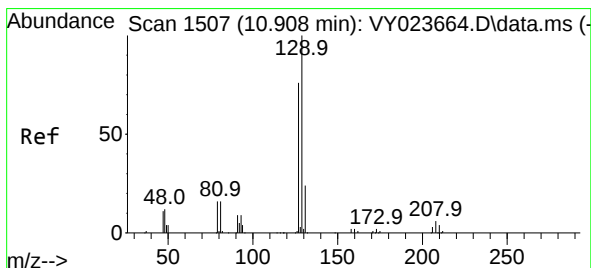
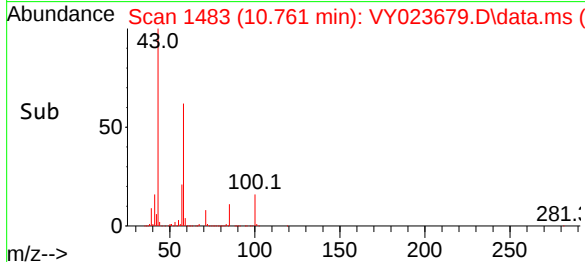
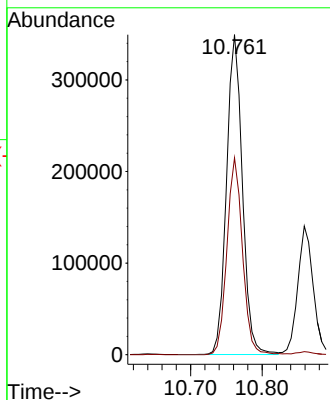
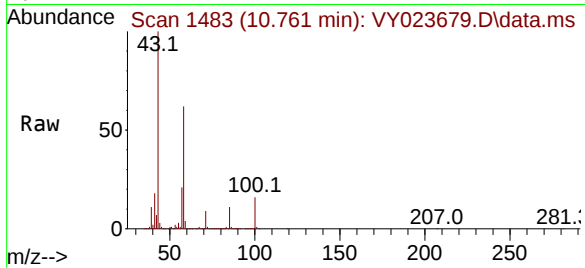




#59  
2-Hexanone  
Concen: 288.225 ug/l  
RT: 10.761 min Scan# 1483  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

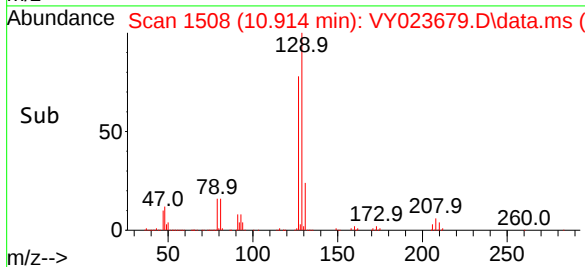
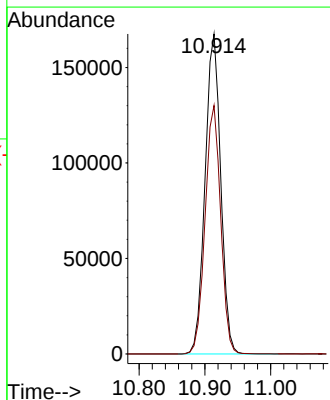
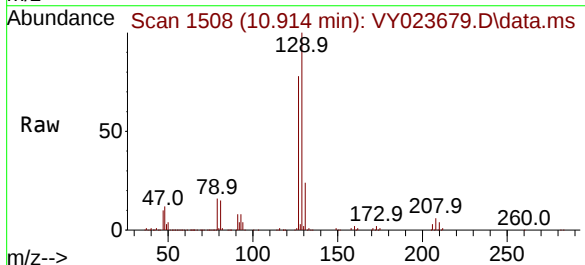
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

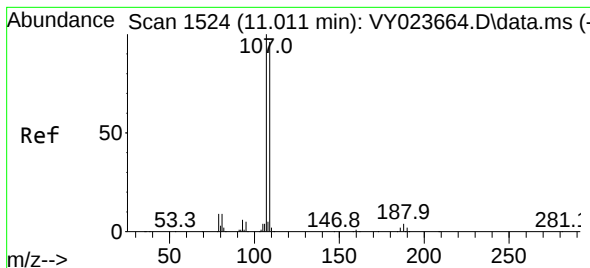
Tgt Ion: 43 Resp: 537409  
Ion Ratio Lower Upper  
43 100  
58 60.4 30.2 90.6



#60  
Dibromochloromethane  
Concen: 53.070 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 129 Resp: 277514  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.4 115.2

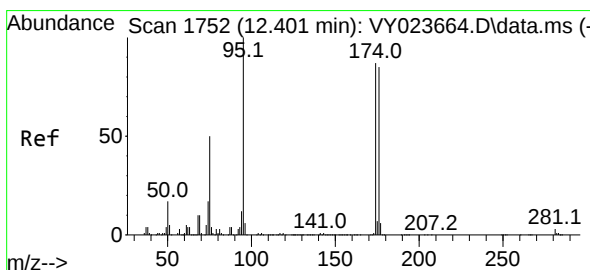
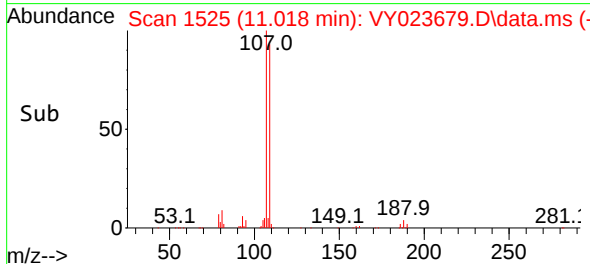
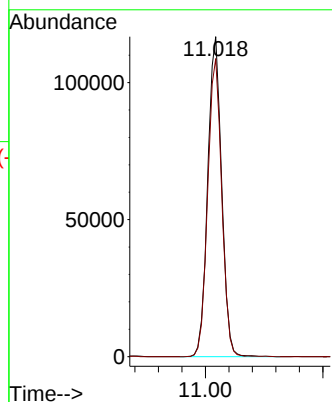
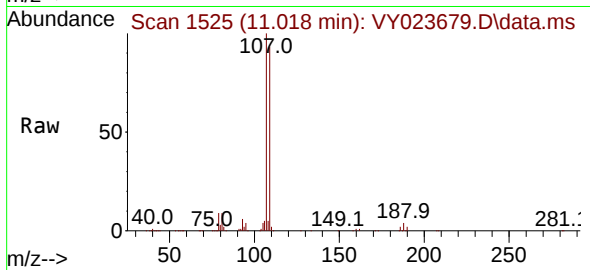




#61  
1,2-Dibromoethane  
Concen: 53.755 ug/l  
RT: 11.018 min Scan# 1524  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

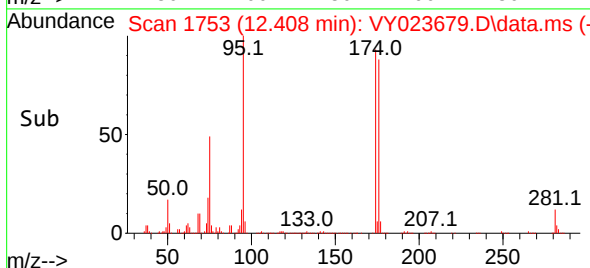
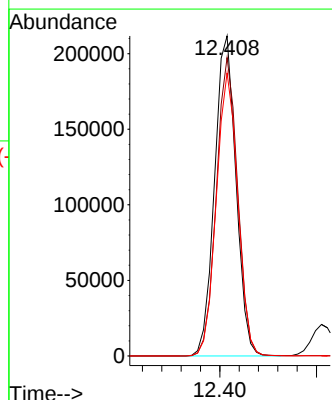
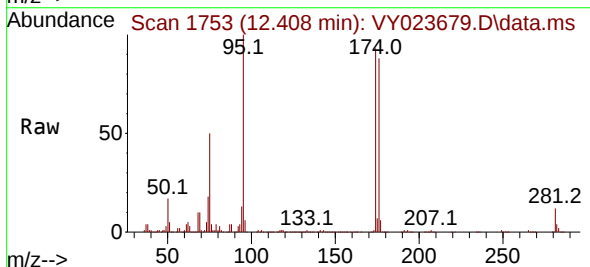
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

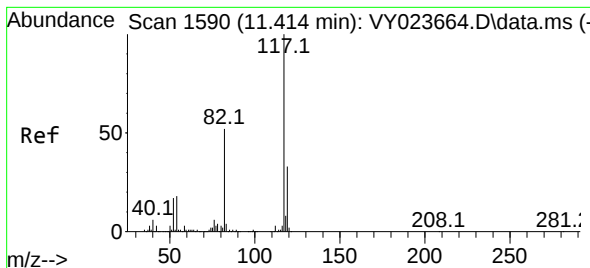
Tgt Ion:107 Resp: 191998  
Ion Ratio Lower Upper  
107 100  
109 94.0 76.2 114.4



#62  
4-Bromofluorobenzene  
Concen: 54.581 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 95 Resp: 325097  
Ion Ratio Lower Upper  
95 100  
174 92.8 0.0 184.8  
176 88.6 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

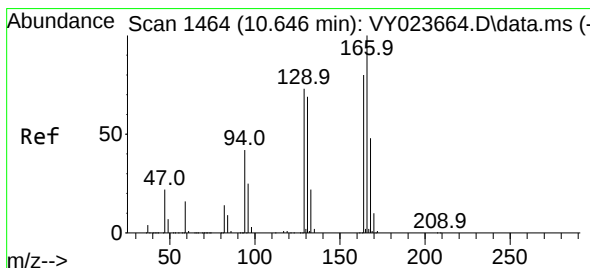
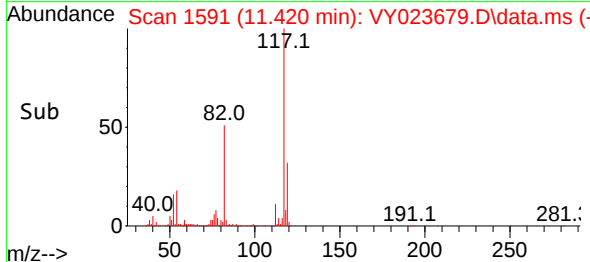
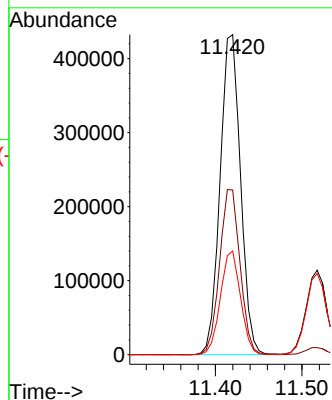
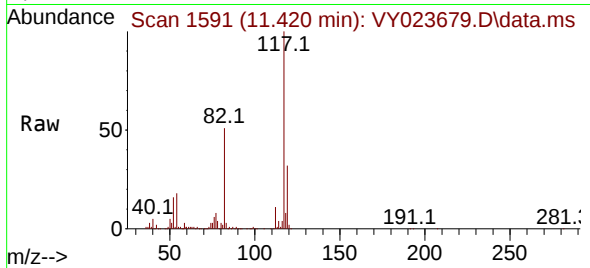
Tgt Ion:117 Resp: 709244

Ion Ratio Lower Upper

117 100

82 51.4 41.2 61.8

119 32.4 26.2 39.2



#64

Tetrachloroethene

Concen: 50.111 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Tgt Ion:164 Resp: 369925

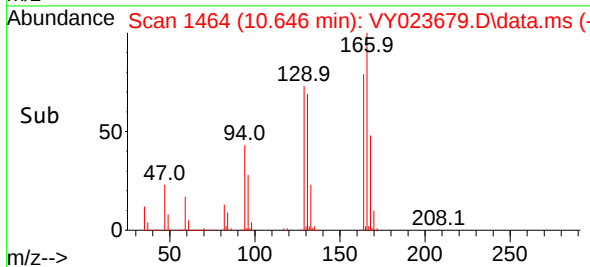
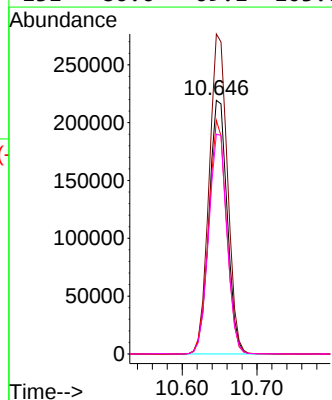
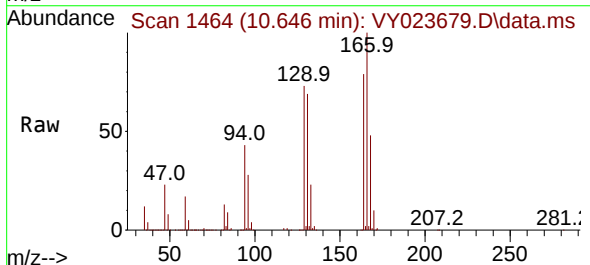
Ion Ratio Lower Upper

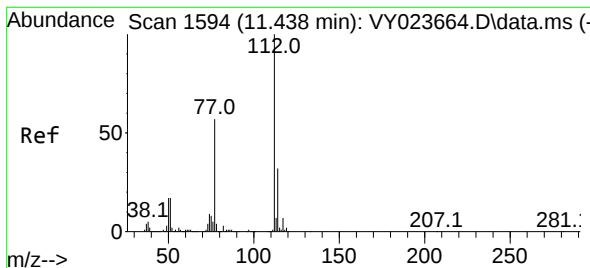
164 100

166 126.1 99.5 149.3

129 92.1 72.3 108.5

131 86.6 69.1 103.7





#65

Chlorobenzene

Concen: 50.835 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

MSVOA\_Y

ClientSampleId :

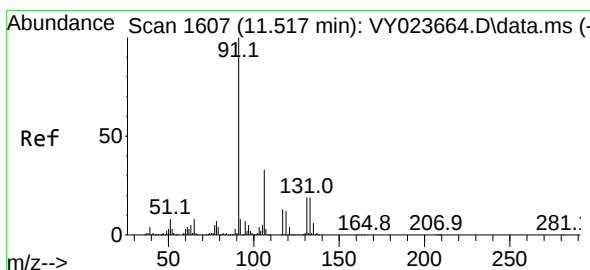
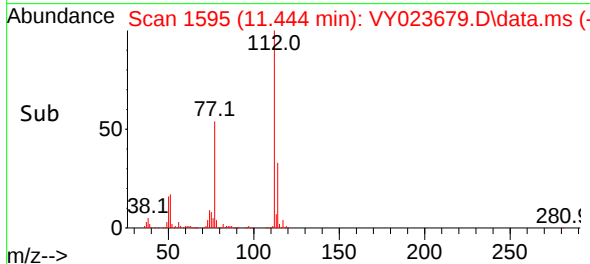
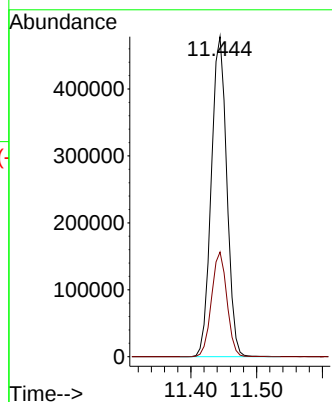
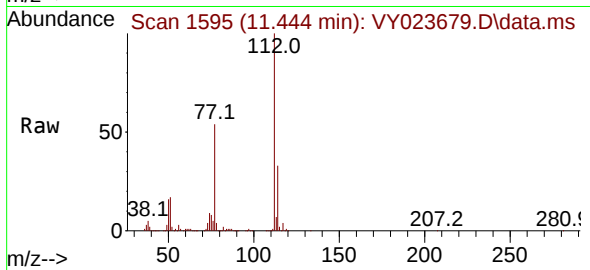
VSTDCCC050

Tgt Ion:112 Resp: 784904

Ion Ratio Lower Upper

112 100

114 32.7 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.895 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

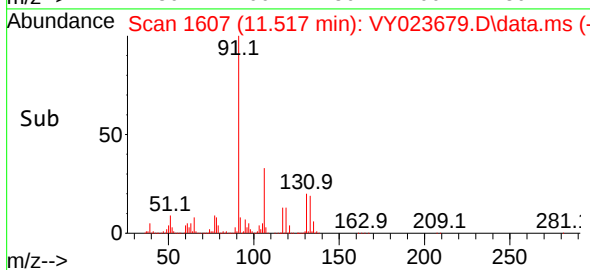
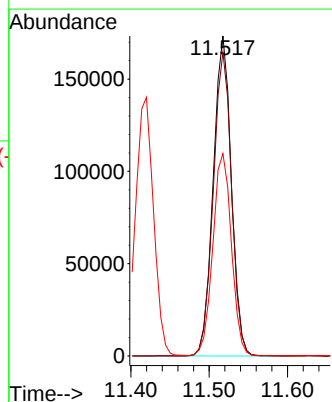
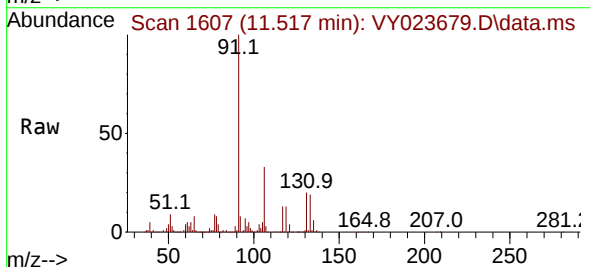
Tgt Ion:131 Resp: 277875

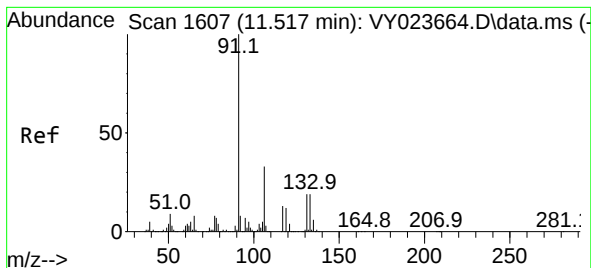
Ion Ratio Lower Upper

131 100

133 95.7 47.3 141.8

119 65.0 32.5 97.4

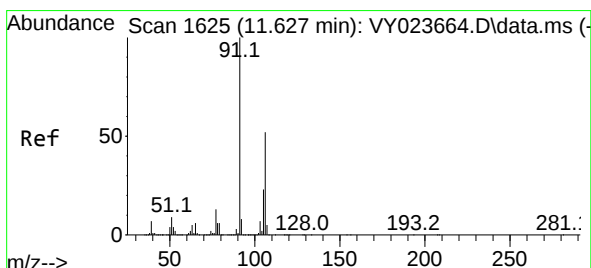
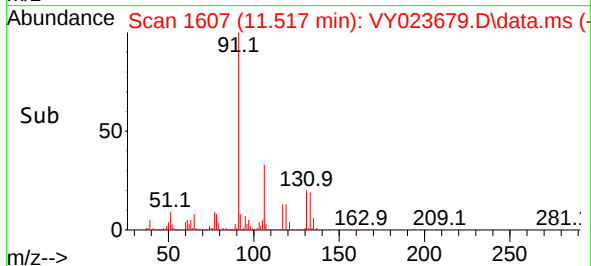
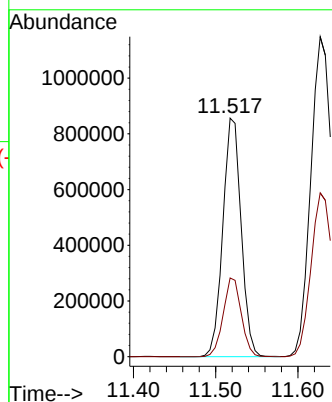
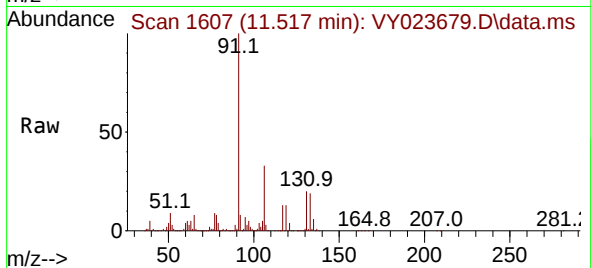




#67  
Ethyl Benzene  
Concen: 53.156 ug/l  
RT: 11.517 min Scan# 1607  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

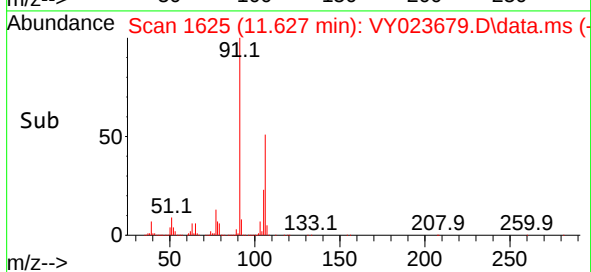
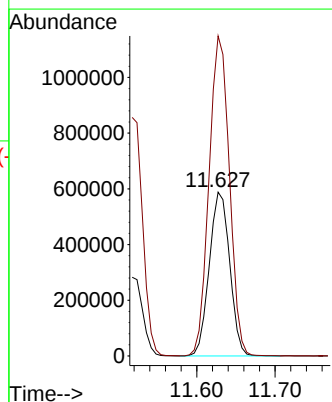
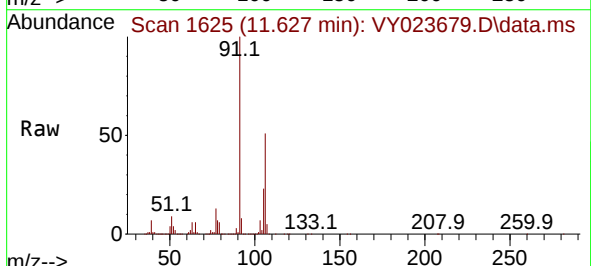
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

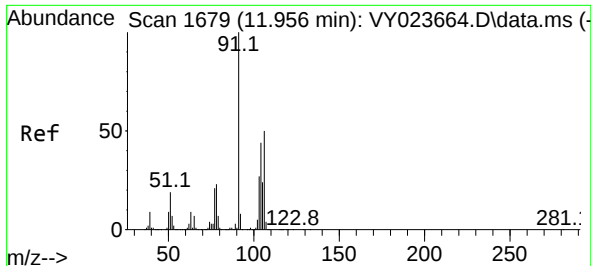
Tgt Ion: 91 Resp: 1328342  
Ion Ratio Lower Upper  
91 100  
106 33.0 26.6 40.0



#68  
m/p-Xylenes  
Concen: 106.515 ug/l  
RT: 11.627 min Scan# 1625  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion:106 Resp: 1063467  
Ion Ratio Lower Upper  
106 100  
91 195.1 154.3 231.5

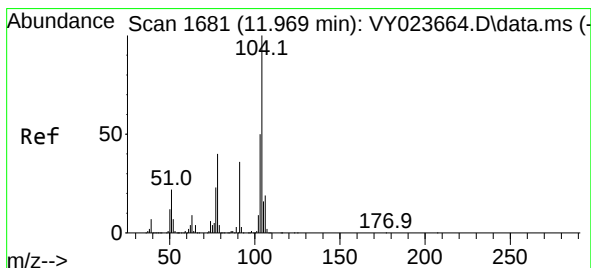
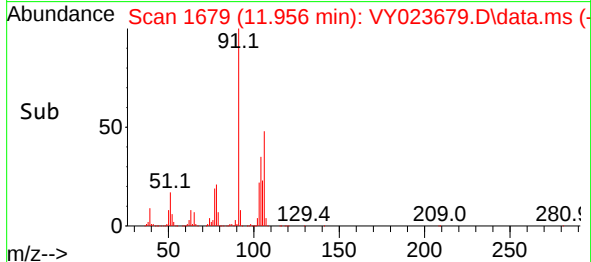
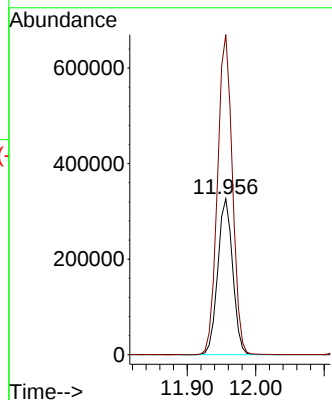
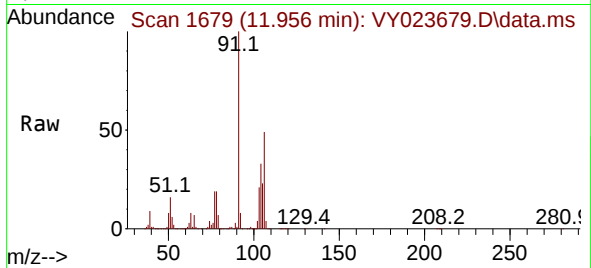




#69  
o-Xylene  
Concen: 53.402 ug/l  
RT: 11.956 min Scan# 1679  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

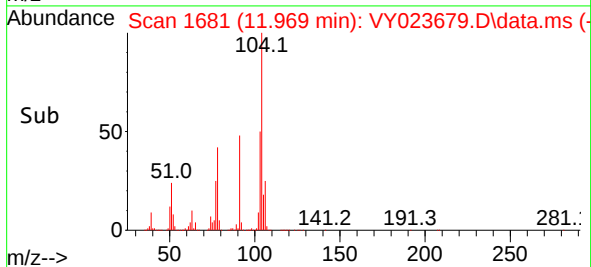
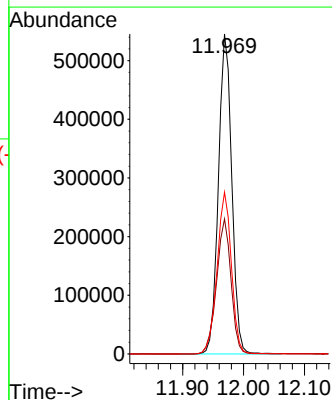
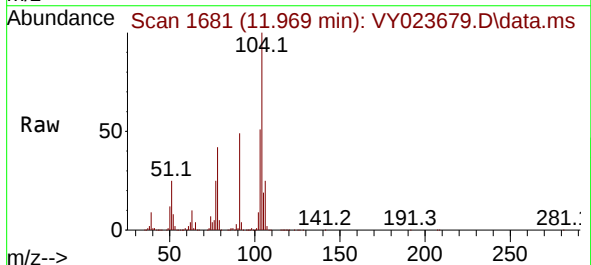
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

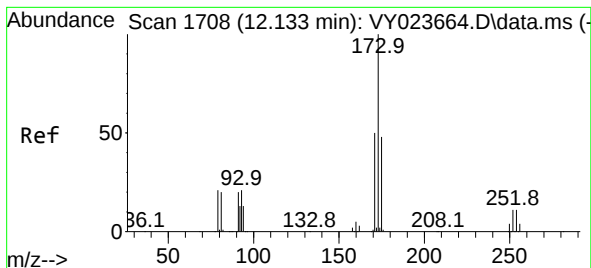
Tgt Ion:106 Resp: 492861  
Ion Ratio Lower Upper  
106 100  
91 205.2 101.6 304.6



#70  
Styrene  
Concen: 54.461 ug/l  
RT: 11.969 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion:104 Resp: 829321  
Ion Ratio Lower Upper  
104 100  
78 45.8 36.5 54.7  
103 54.4 43.7 65.5





#71

Bromoform

Concen: 52.822 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

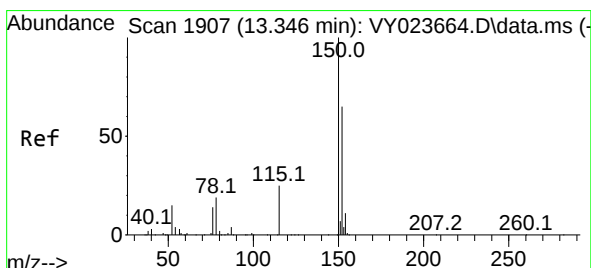
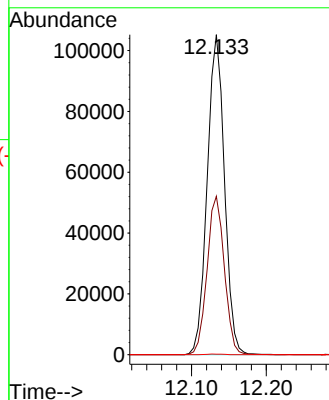
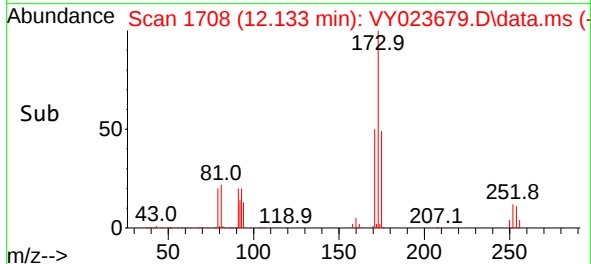
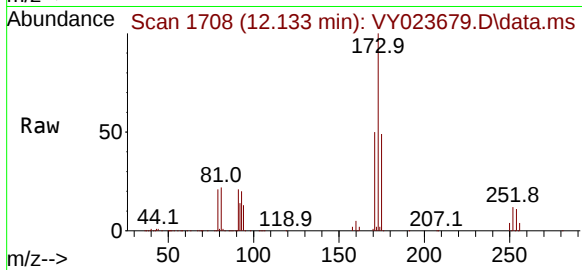
Tgt Ion:173 Resp: 168435

Ion Ratio Lower Upper

173 100

175 49.6 24.2 72.6

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

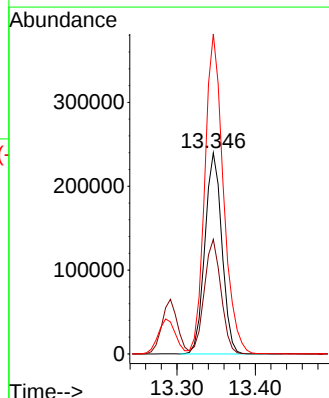
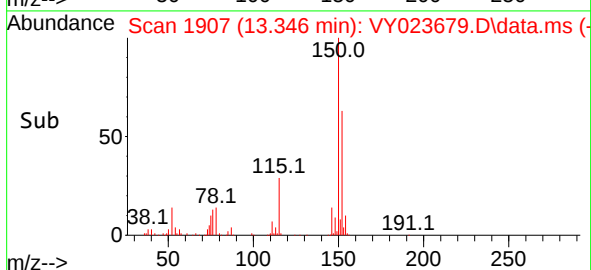
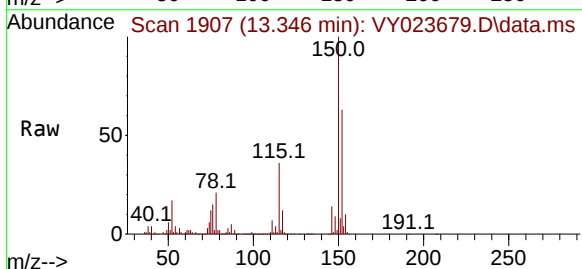
Tgt Ion:152 Resp: 359972

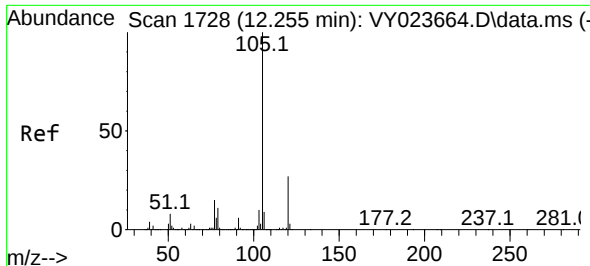
Ion Ratio Lower Upper

152 100

115 56.0 27.5 82.5

150 174.2 0.0 349.0

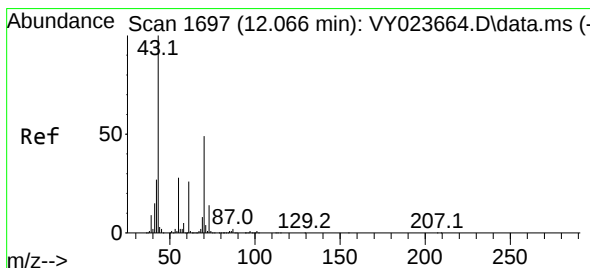
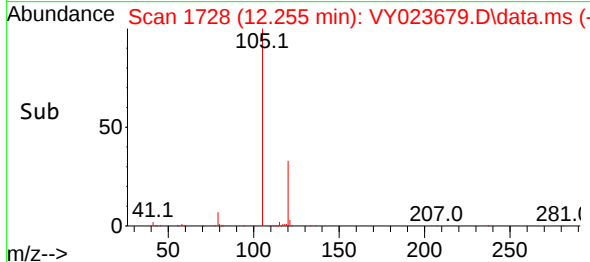
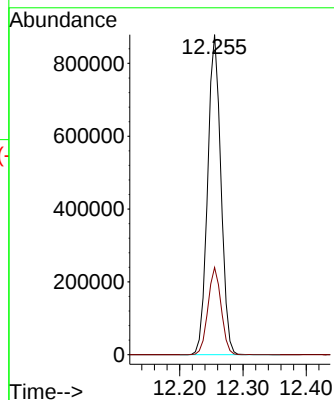
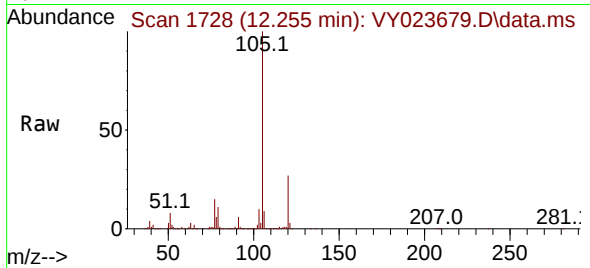




#73  
Isopropylbenzene  
Concen: 53.244 ug/l  
RT: 12.255 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

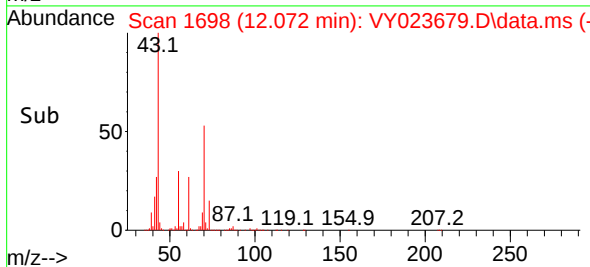
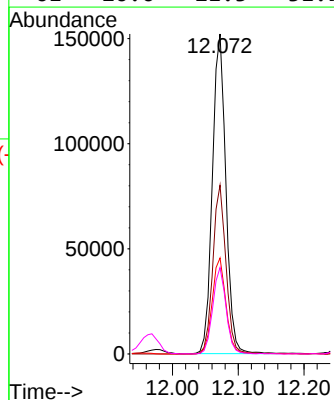
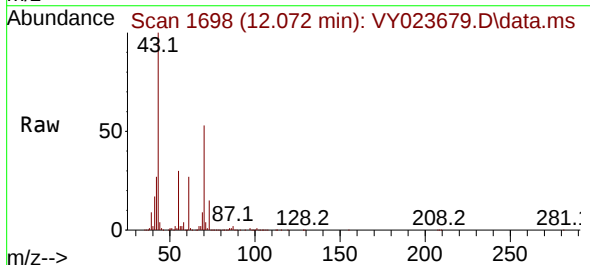
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

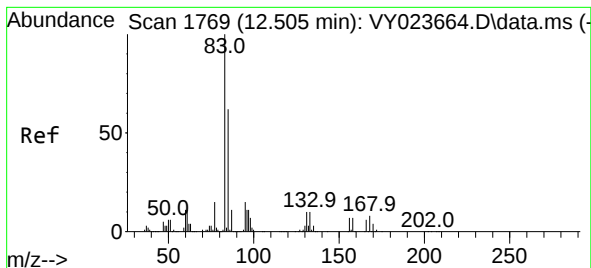
Tgt Ion:105 Resp: 1281874  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.6 40.7



#74  
N-ethyl acetate  
Concen: 53.295 ug/l  
RT: 12.072 min Scan# 1698  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 43 Resp: 217236  
Ion Ratio Lower Upper  
43 100  
70 51.6 40.1 60.1  
55 30.6 23.0 34.6  
61 26.6 21.3 31.9

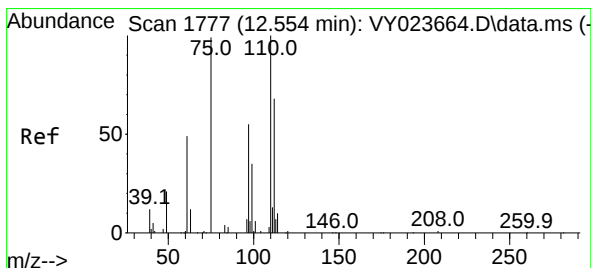
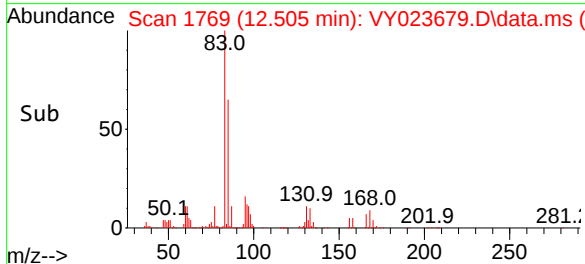
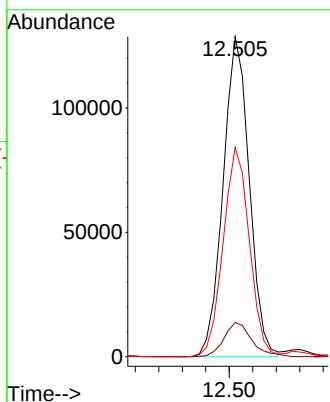
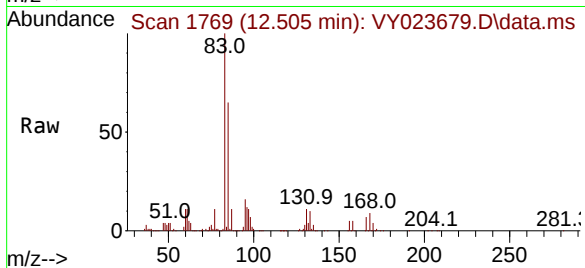




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.753 ug/l  
RT: 12.505 min Scan# 1769  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

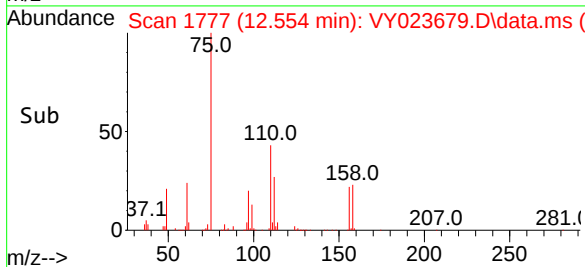
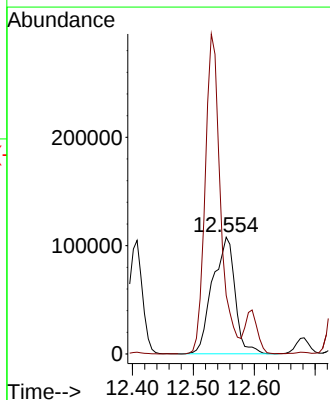
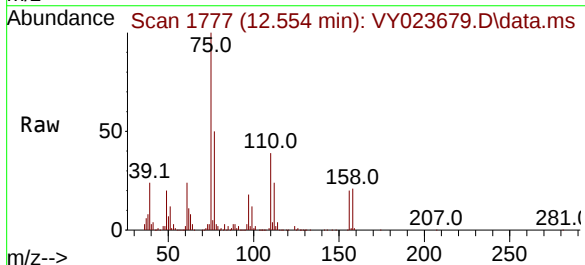
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

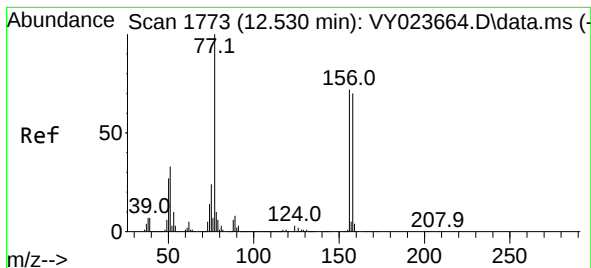
Tgt Ion: 83 Resp: 198999  
Ion Ratio Lower Upper  
83 100  
131 11.3 5.7 17.0  
85 65.4 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 94.721 ug/l  
RT: 12.554 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 75 Resp: 275949  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.530 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

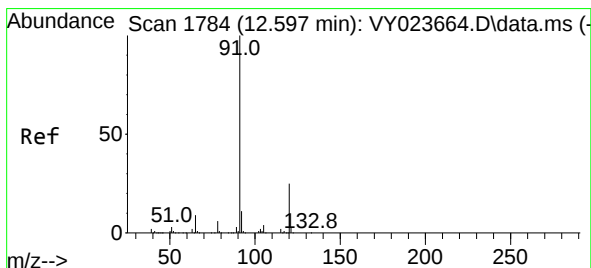
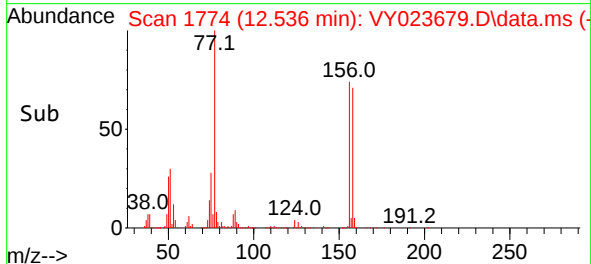
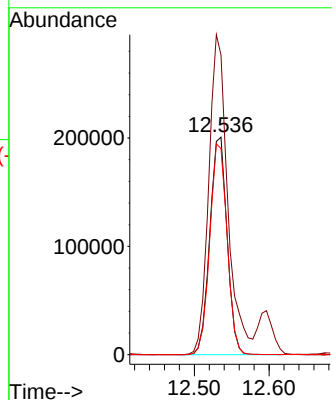
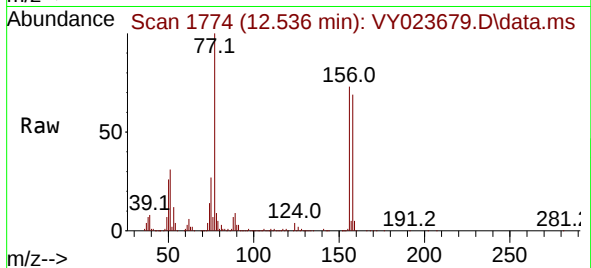
Tgt Ion:156 Resp: 321804

Ion Ratio Lower Upper

156 100

77 161.9 77.9 233.7

158 97.2 48.5 145.5



#78

n-propylbenzene

Concen: 53.515 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023679.D

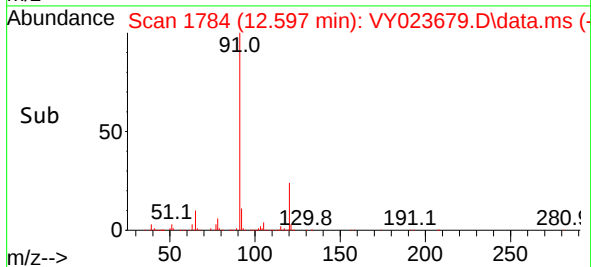
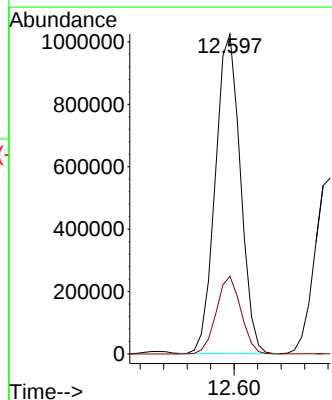
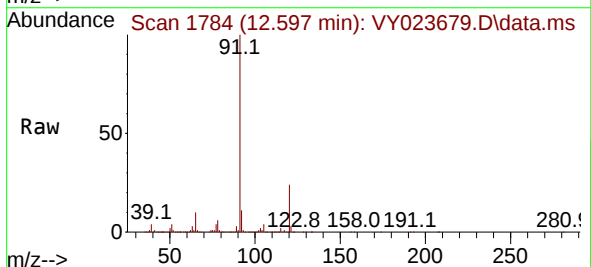
Acq: 05 Nov 2025 09:25

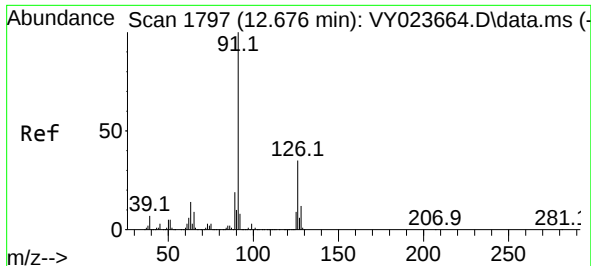
Tgt Ion: 91 Resp: 1515501

Ion Ratio Lower Upper

91 100

120 23.9 12.0 36.1

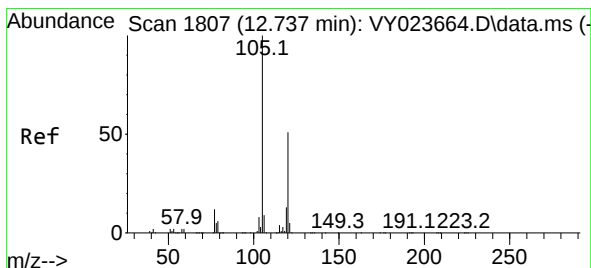
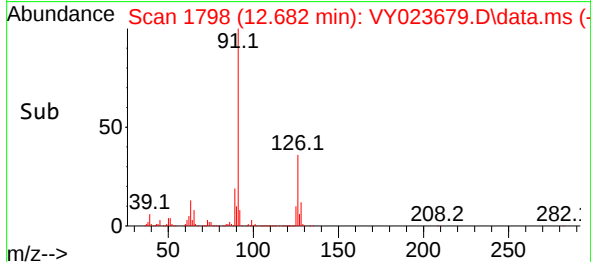
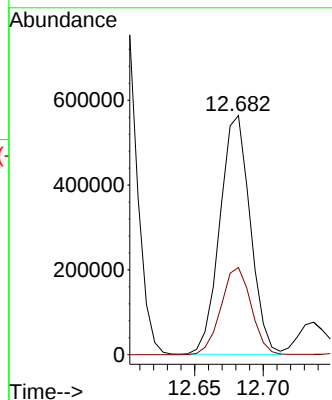
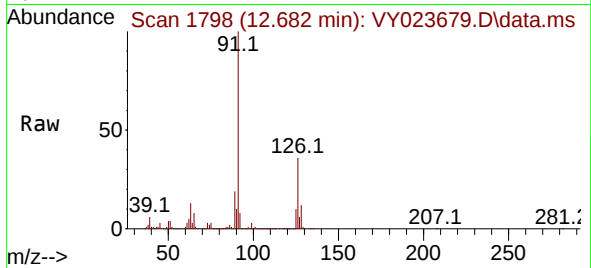




#79  
2-Chlorotoluene  
Concen: 52.938 ug/l  
RT: 12.682 min Scan# 1798  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

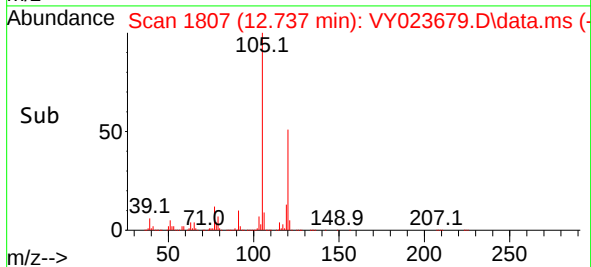
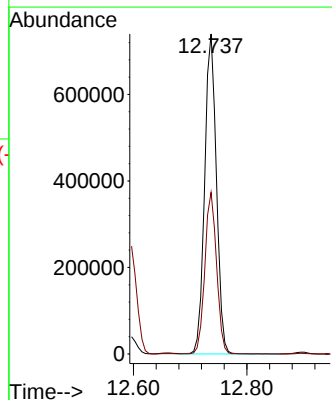
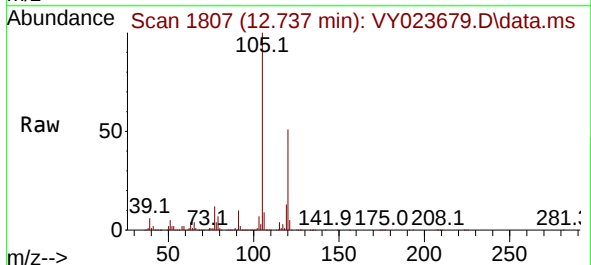
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

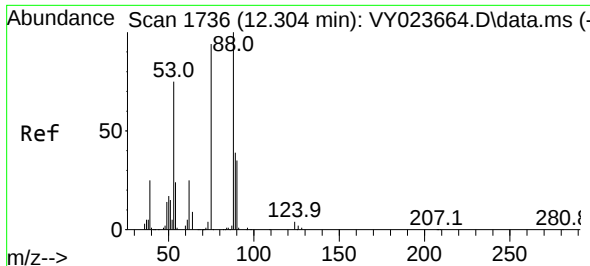
Tgt Ion: 91 Resp: 869939  
Ion Ratio Lower Upper  
91 100  
126 36.3 18.0 54.0



#80  
1,3,5-Trimethylbenzene  
Concen: 54.379 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 105 Resp: 1063727  
Ion Ratio Lower Upper  
105 100  
120 50.4 25.4 76.2

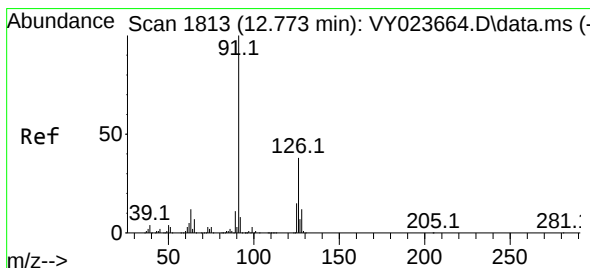
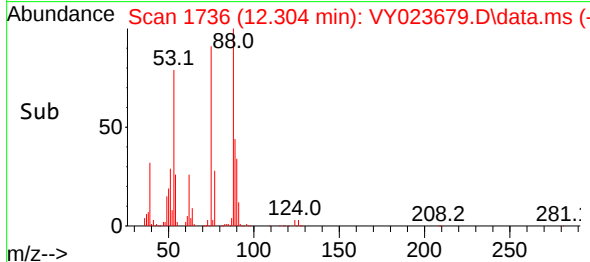
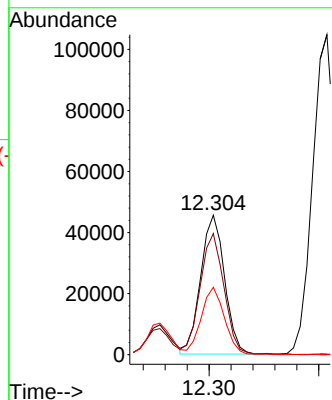
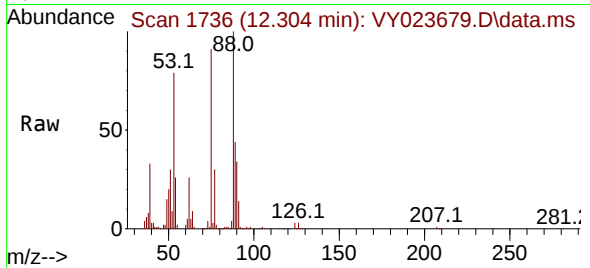




#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.418 ug/l  
RT: 12.304 min Scan# 1736  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

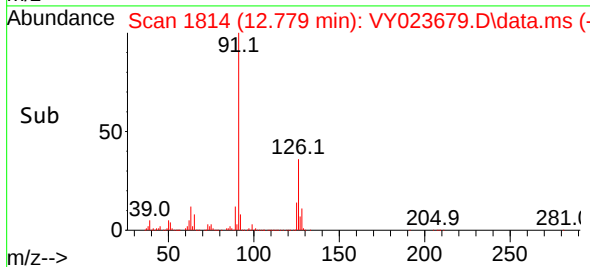
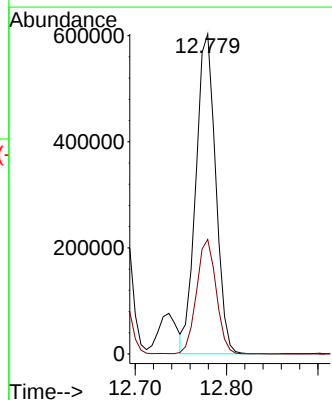
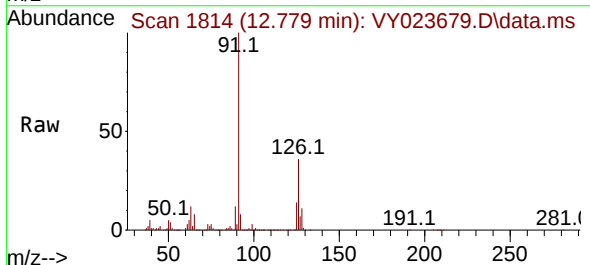
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

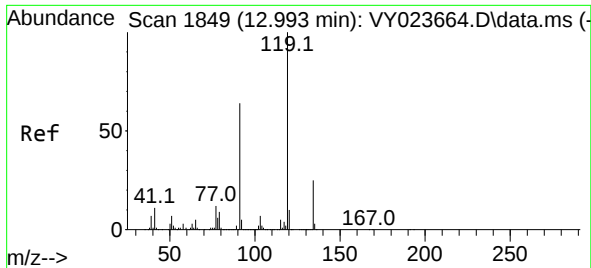
Tgt Ion: 75 Resp: 68861  
Ion Ratio Lower Upper  
75 100  
53 87.9 69.6 104.4  
89 47.1 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 53.382 ug/l  
RT: 12.779 min Scan# 1814  
Delta R.T. 0.006 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion: 91 Resp: 904700  
Ion Ratio Lower Upper  
91 100  
126 35.7 18.1 54.4

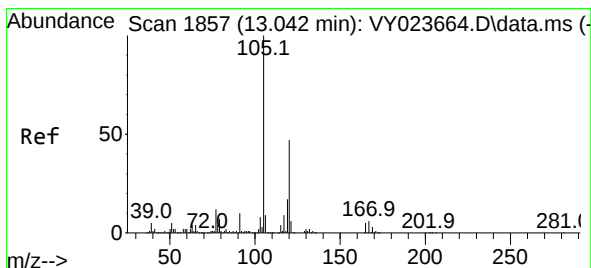
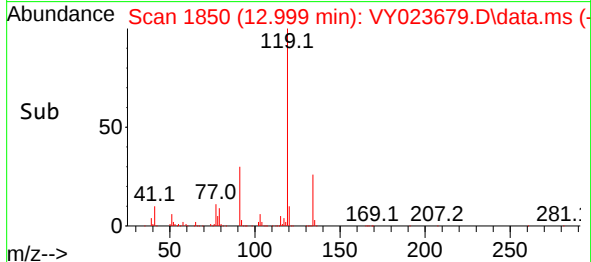
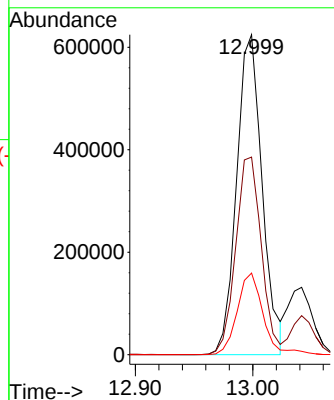
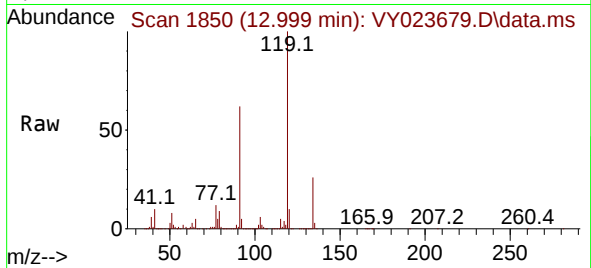




#83  
 tert-Butylbenzene  
 Concen: 52.990 ug/l  
 RT: 12.999 min Scan# 1850  
 Delta R.T. 0.006 min  
 Lab File: VY023679.D  
 Acq: 05 Nov 2025 09:25

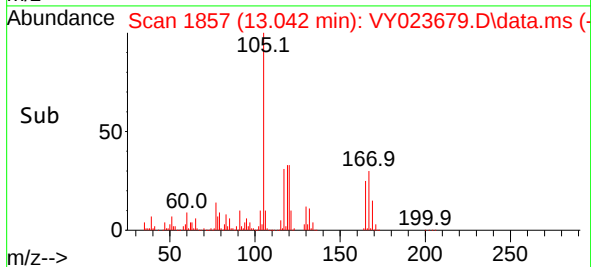
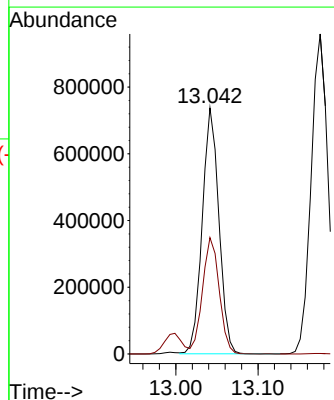
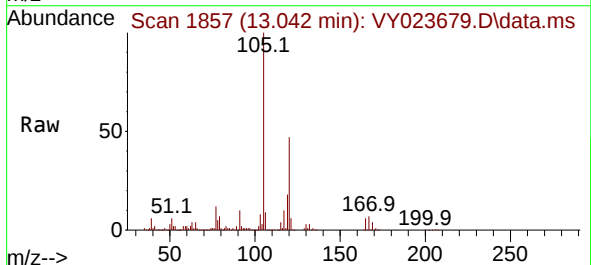
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

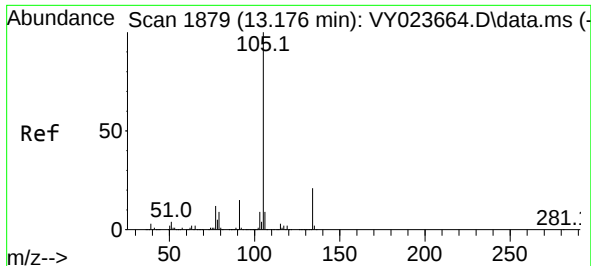
Tgt Ion:119 Resp: 944060  
 Ion Ratio Lower Upper  
 119 100  
 91 61.9 30.7 92.1  
 134 25.9 13.1 39.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.490 ug/l  
 RT: 13.042 min Scan# 1857  
 Delta R.T. -0.000 min  
 Lab File: VY023679.D  
 Acq: 05 Nov 2025 09:25

Tgt Ion:105 Resp: 1036351  
 Ion Ratio Lower Upper  
 105 100  
 120 47.4 23.2 69.6

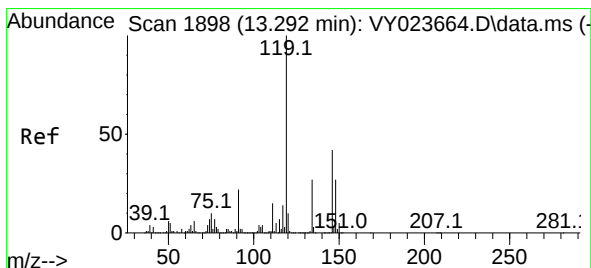
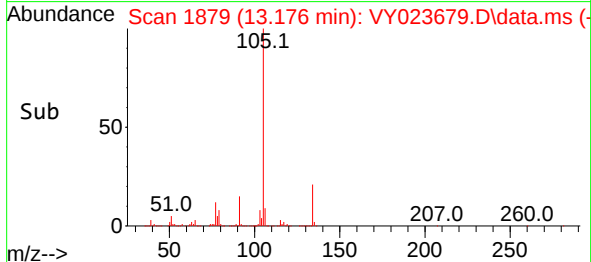
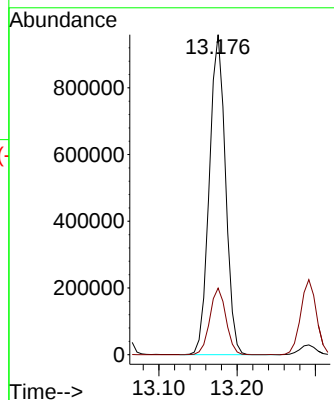
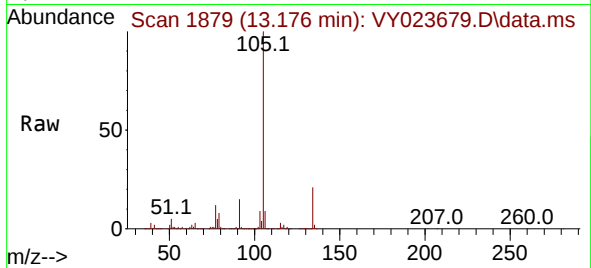




#85  
 sec-Butylbenzene  
 Concen: 53.345 ug/l  
 RT: 13.176 min Scan# 1879  
 Delta R.T. -0.000 min  
 Lab File: VY023679.D  
 Acq: 05 Nov 2025 09:25

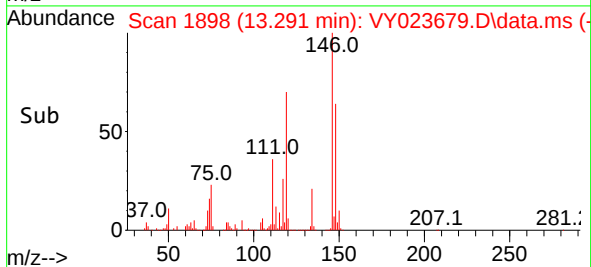
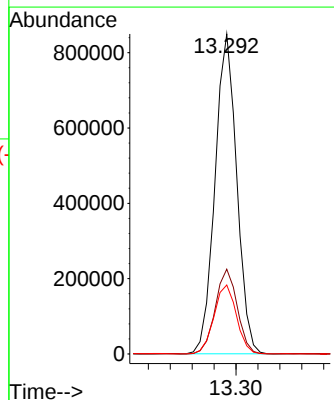
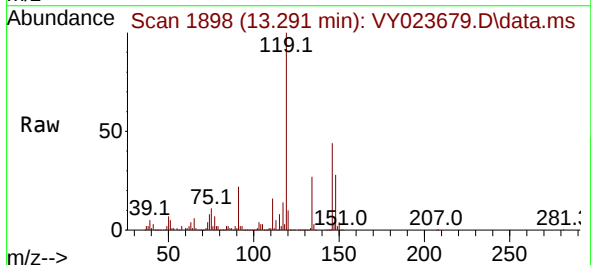
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

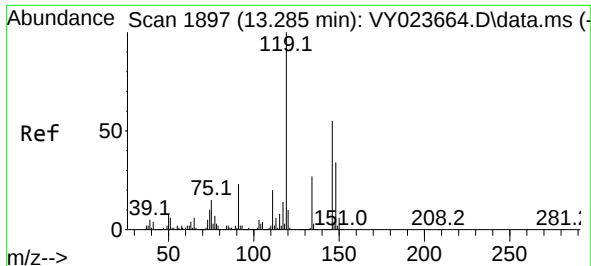
Tgt Ion:105 Resp: 1370776  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.4 31.4



#86  
 p-Isopropyltoluene  
 Concen: 53.768 ug/l  
 RT: 13.291 min Scan# 1898  
 Delta R.T. -0.000 min  
 Lab File: VY023679.D  
 Acq: 05 Nov 2025 09:25

Tgt Ion:119 Resp: 1169636  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.4 40.2  
 91 22.1 11.1 33.1

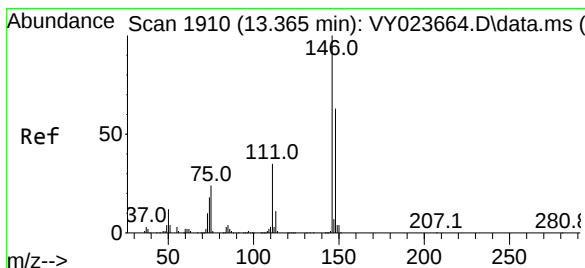
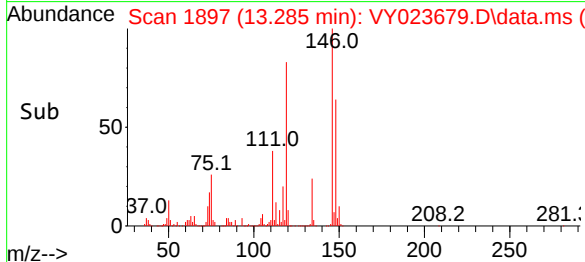
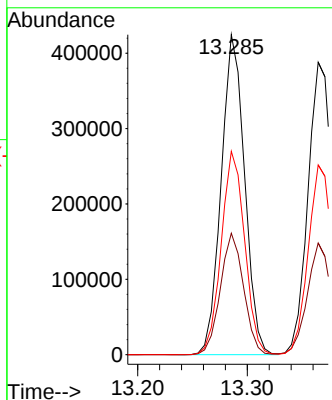
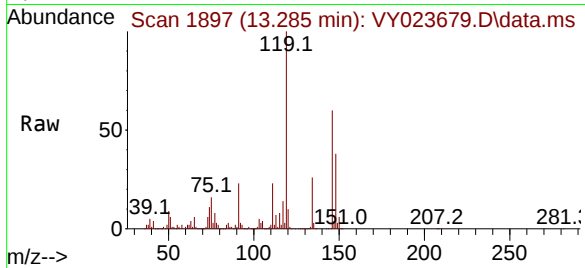




#87  
 1,3-Dichlorobenzene  
 Concen: 51.311 ug/l  
 RT: 13.285 min Scan# 1897  
 Delta R.T. -0.000 min  
 Lab File: VY023679.D  
 Acq: 05 Nov 2025 09:25

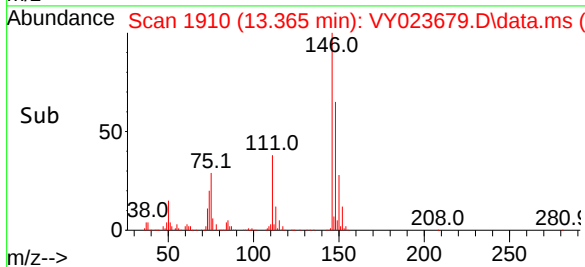
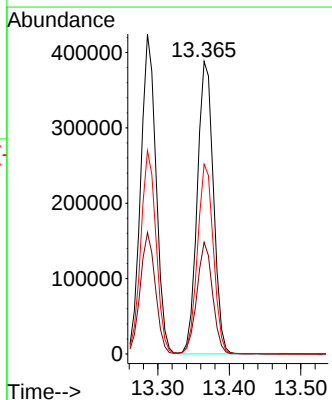
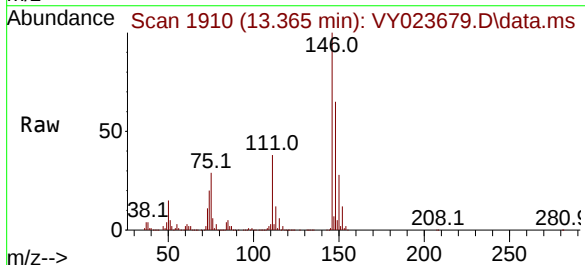
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

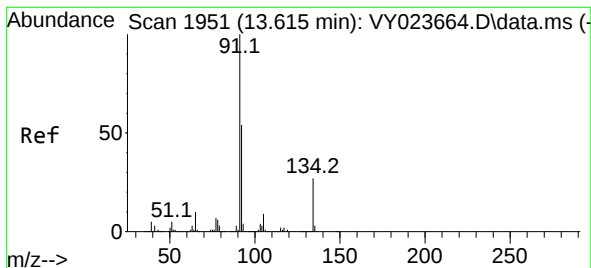
Tgt Ion:146 Resp: 630696  
 Ion Ratio Lower Upper  
 146 100  
 111 37.6 18.8 56.3  
 148 63.5 31.9 95.5



#88  
 1,4-Dichlorobenzene  
 Concen: 50.318 ug/l  
 RT: 13.365 min Scan# 1910  
 Delta R.T. -0.000 min  
 Lab File: VY023679.D  
 Acq: 05 Nov 2025 09:25

Tgt Ion:146 Resp: 607547  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 18.3 54.8  
 148 64.0 31.8 95.3





#89

n-Butylbenzene

Concen: 53.857 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

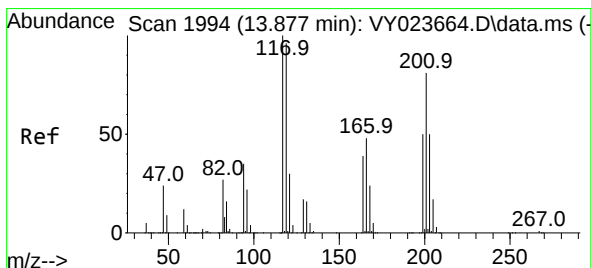
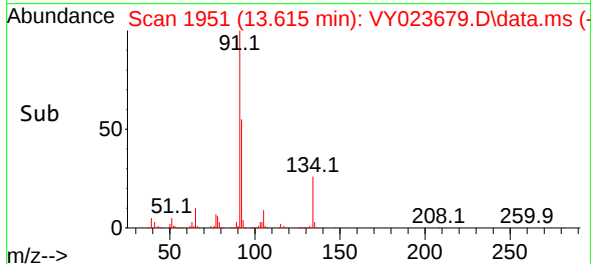
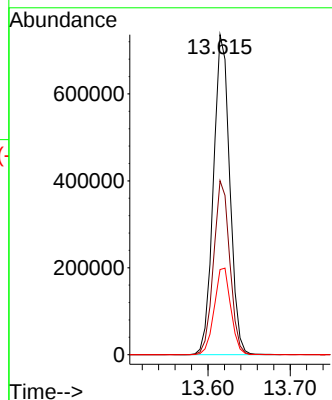
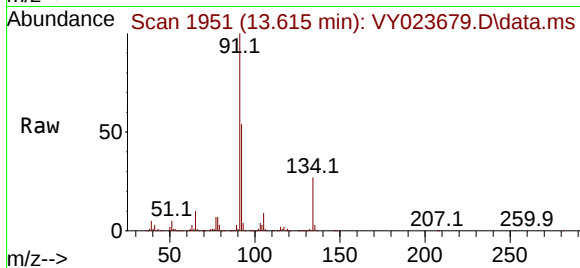
MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1018767

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.8  | 26.5  | 79.4  |
| 134 | 27.5  | 13.7  | 41.1  |



#90

Hexachloroethane

Concen: 50.983 ug/l

RT: 13.877 min Scan# 1994

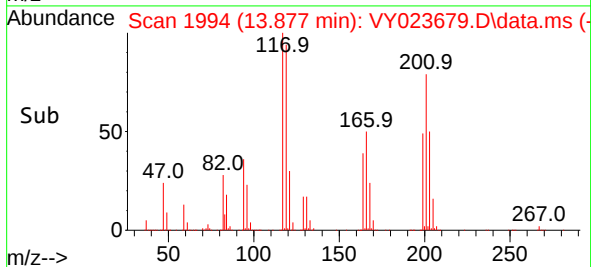
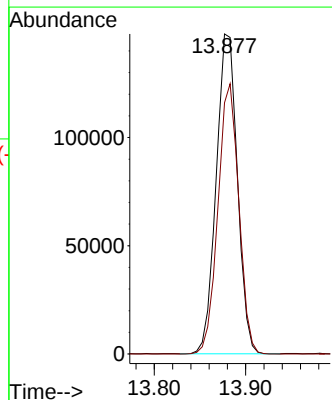
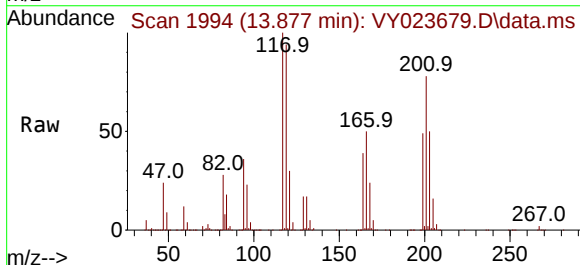
Delta R.T. -0.000 min

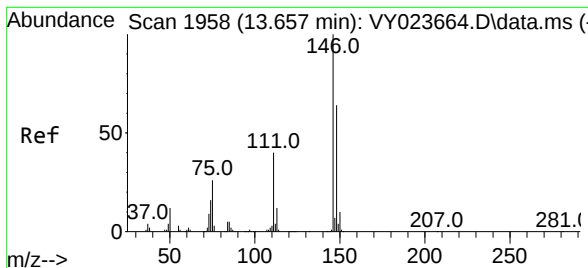
Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Tgt Ion: 117 Resp: 238333

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 83.1  | 42.3  | 126.8 |





#91

1,2-Dichlorobenzene

Concen: 51.586 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

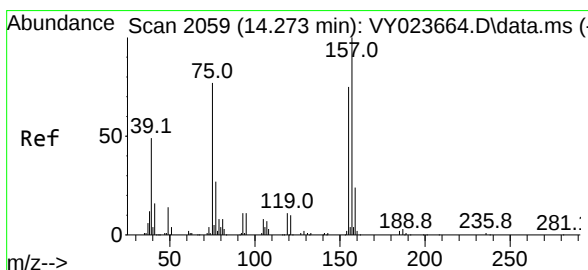
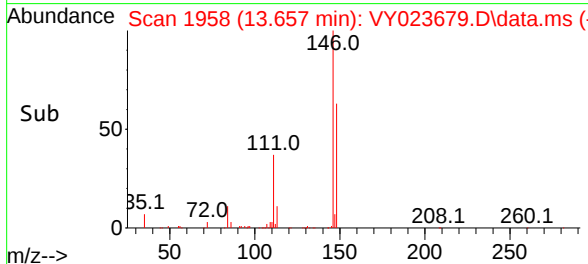
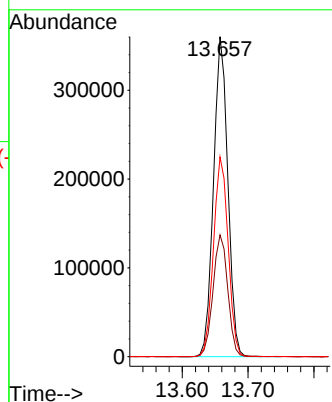
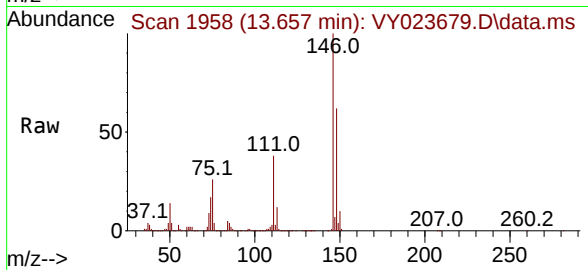
Tgt Ion:146 Resp: 546434

Ion Ratio Lower Upper

146 100

111 39.0 19.5 58.5

148 63.9 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.675 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

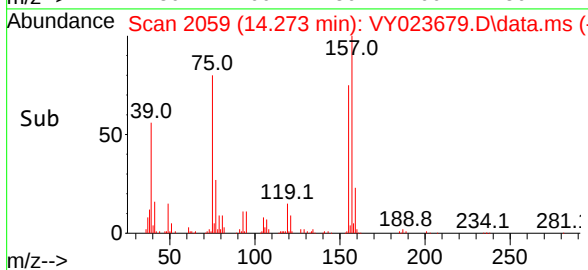
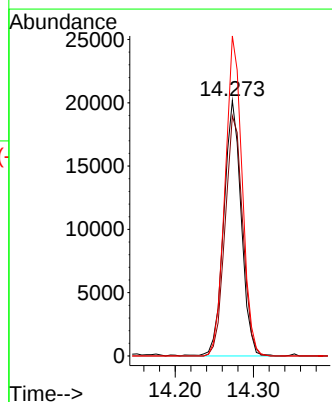
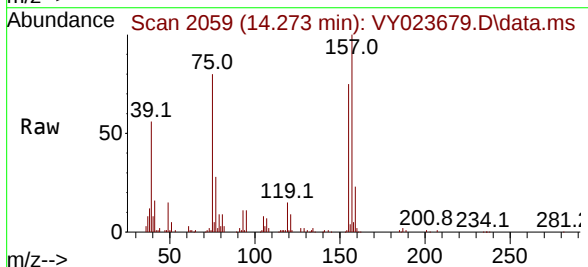
Tgt Ion: 75 Resp: 31186

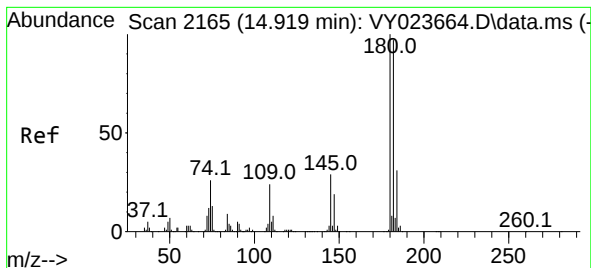
Ion Ratio Lower Upper

75 100

155 94.8 49.4 148.2

157 122.7 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 52.739 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

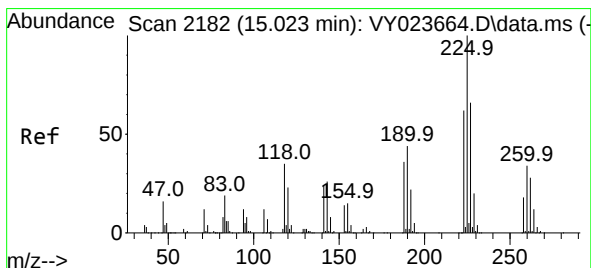
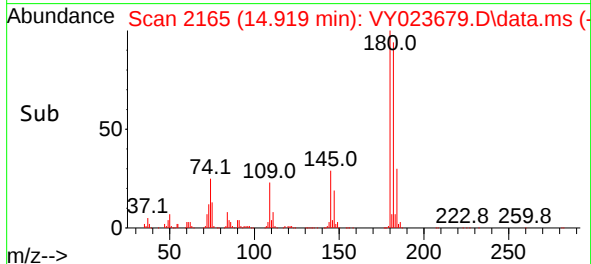
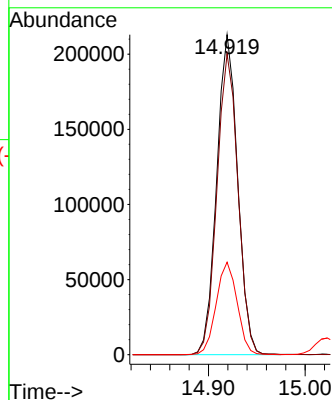
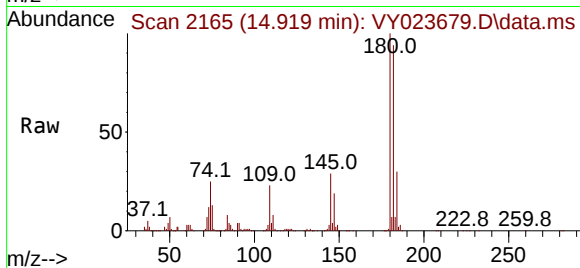
Tgt Ion:180 Resp: 319544

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.6

145 29.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 50.946 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY023679.D

Acq: 05 Nov 2025 09:25

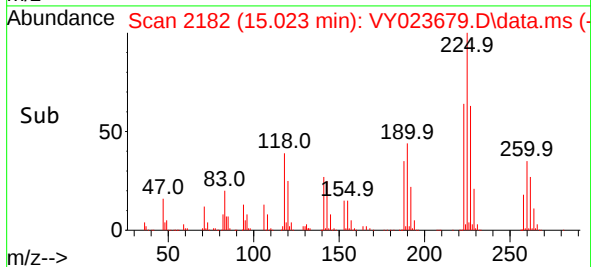
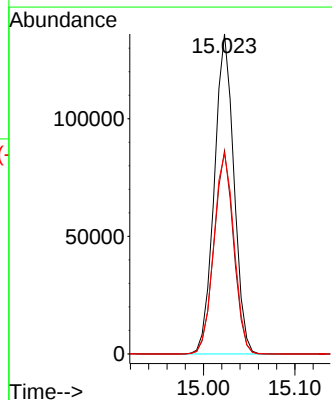
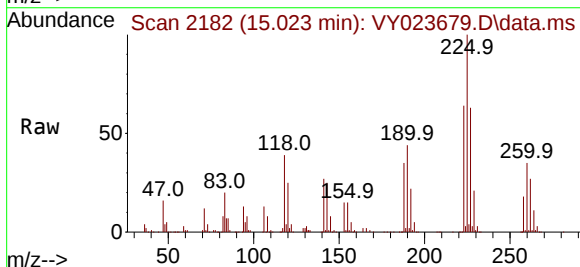
Tgt Ion:225 Resp: 202248

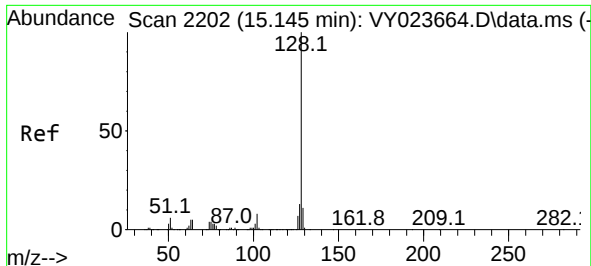
Ion Ratio Lower Upper

225 100

223 63.2 30.8 92.3

227 65.1 32.0 96.2

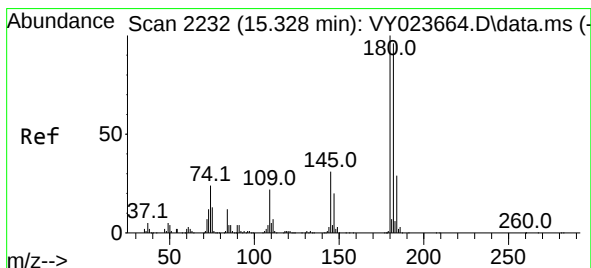
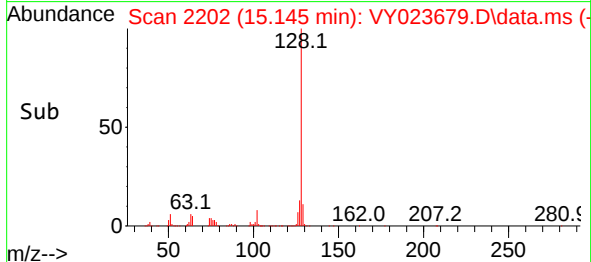
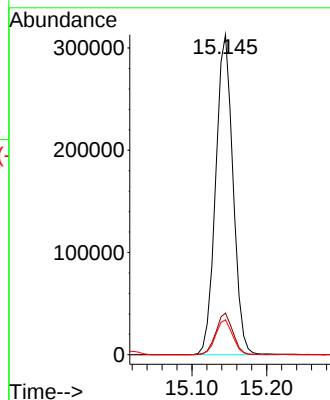
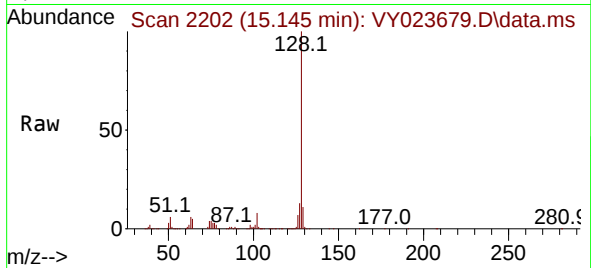




#95  
Naphthalene  
Concen: 47.853 ug/l  
RT: 15.145 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 504203  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.5 15.7  
129 10.8 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 54.491 ug/l  
RT: 15.328 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY023679.D  
Acq: 05 Nov 2025 09:25

Tgt Ion:180 Resp: 275845  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.5 142.6  
145 30.3 15.5 46.5

