

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062625\  
 Data File : VY022841.D  
 Acq On : 26 Jun 2025 11:32  
 Operator : SY/MD  
 Sample : VY0626SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0626SBS01

Quant Time: Jun 27 01:25:24 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062325S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 24 08:29:52 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.707  | 168  | 431722   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 725692   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 622886   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.347 | 152  | 291493   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 244555   | 50.754   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 101.500% |      |
| 35) Dibromofluoromethane    | 7.634  | 113   | 220940   | 50.062   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 100.120% |      |
| 50) Toluene-d8              | 10.109 | 98    | 893252   | 51.006   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 102.020% |      |
| 62) 4-Bromofluorobenzene    | 12.402 | 95    | 272299   | 48.368   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 96.740%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 77971  | 21.121  | ug/l   | 100 |
| 3) Chloromethane             | 2.068 | 50  | 131654 | 18.676  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.202 | 62  | 167129 | 18.977  | ug/l   | 98  |
| 5) Bromomethane              | 2.592 | 94  | 143782 | 20.767  | ug/l   | 98  |
| 6) Chloroethane              | 2.733 | 64  | 113552 | 19.181  | ug/l   | 94  |
| 7) Trichlorofluoromethane    | 3.056 | 101 | 184620 | 18.932  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.452 | 74  | 48873  | 20.291  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 3.818 | 101 | 94942  | 21.304  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.001 | 142 | 94153  | 19.404  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.866 | 59  | 31376  | 97.930  | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 3.787 | 96  | 89726  | 20.533  | ug/l   | 98  |
| 13) Acrolein                 | 3.653 | 56  | 41381  | 95.248  | ug/l   | 100 |
| 14) Allyl chloride           | 4.385 | 41  | 135494 | 20.159  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.061 | 53  | 105746 | 105.228 | ug/l   | 98  |
| 16) Acetone                  | 3.873 | 43  | 112256 | 123.260 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.104 | 76  | 288366 | 20.427  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.385 | 43  | 51355  | 17.027  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.116 | 73  | 239926 | 20.164  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.616 | 84  | 112271 | 19.520  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.116 | 96  | 99960  | 20.015  | ug/l   | 99  |
| 22) Diisopropyl ether        | 6.019 | 45  | 305873 | 20.491  | ug/l   | 98  |
| 23) Vinyl Acetate            | 5.964 | 43  | 864056 | 104.812 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 5.915 | 63  | 184267 | 20.437  | ug/l   | 99  |
| 25) 2-Butanone               | 6.896 | 43  | 147329 | 111.151 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 6.884 | 77  | 157099 | 20.786  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 6.890 | 96  | 116270 | 20.035  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.244 | 49  | 76768  | 20.253  | ug/l   | 95  |
| 29) Tetrahydrofuran          | 7.262 | 42  | 86572  | 103.434 | ug/l   | 99  |
| 30) Chloroform               | 7.421 | 83  | 186363 | 20.068  | ug/l   | 94  |
| 31) Cyclohexane              | 7.701 | 56  | 170893 | 20.648  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.622 | 97  | 163395 | 20.361  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 137574 | 20.566  | ug/l   | 99  |
| 37) Ethyl Acetate            | 6.988 | 43  | 58883  | 20.398  | ug/l # | 98  |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 142015 | 20.120  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.109 | 83  | 178730 | 20.646  | ug/l   | 99  |
| 40) Benzene                  | 8.085 | 78  | 423392 | 20.586  | ug/l   | 98  |

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 Sample : VY0626SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0626SBS01

Quant Time: Jun 27 01:25:24 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062325S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 24 08:29:52 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.262  | 41   | 83957    | 47.244  | ug/l # | 34       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 115476   | 20.489  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.201  | 43   | 120156   | 20.028  | ug/l   | 96       |
| 44) Trichloroethene           | 8.866  | 130  | 105203   | 20.373  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 96590    | 20.066  | ug/l   | 100      |
| 46) Dibromomethane            | 9.231  | 93   | 54676    | 20.009  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.426  | 83   | 142643   | 20.243  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.219  | 41   | 57925    | 20.084  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 12765    | 395.397 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.000 | 43   | 306425   | 100.507 | ug/l   | 96       |
| 52) Toluene                   | 10.170 | 92   | 261214   | 20.131  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 126660   | 19.978  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 147856   | 20.114  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 71287    | 20.147  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 94387    | 19.827  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 122400   | 19.827  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 234078   | 103.352 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.762 | 43   | 215607   | 104.017 | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.908 | 129  | 90992    | 19.909  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 65204    | 19.693  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.646 | 164  | 121528   | 20.653  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.438 | 112  | 276891   | 20.231  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131  | 91745    | 19.791  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.518 | 91   | 486832   | 20.244  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.627 | 106  | 371196   | 39.931  | ug/l   | 99       |
| 69) o-Xylene                  | 11.957 | 106  | 173753   | 19.837  | ug/l   | 99       |
| 70) Styrene                   | 11.969 | 104  | 290652   | 19.810  | ug/l   | 99       |
| 71) Bromoform                 | 12.133 | 173  | 48280    | 18.704  | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.255 | 105  | 456600   | 21.180  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.072 | 43   | 103202   | 21.327  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 71988    | 20.719  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 103342   | 34.726  | ug/l # | 100      |
| 77) Bromobenzene              | 12.530 | 156  | 100718   | 20.612  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.597 | 91   | 549537   | 21.113  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.676 | 91   | 308974   | 21.011  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 361474   | 20.771  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 24625    | 20.905  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.773 | 91   | 318085   | 20.593  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 12.993 | 119  | 323383   | 21.070  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 363709   | 20.875  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 487486   | 21.110  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 396055   | 20.610  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.286 | 146  | 202705   | 20.655  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 196300   | 20.137  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.615 | 91   | 375321   | 20.763  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.877 | 117  | 79334    | 20.728  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 172751   | 19.975  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 11922    | 20.234  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 94290    | 19.310  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 54517    | 19.744  | ug/l   | 98       |
| 95) Naphthalene               | 15.139 | 128  | 166882   | 18.899  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 78871    | 18.692  | ug/l   | 99       |

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Sample : VY0626SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBSD01

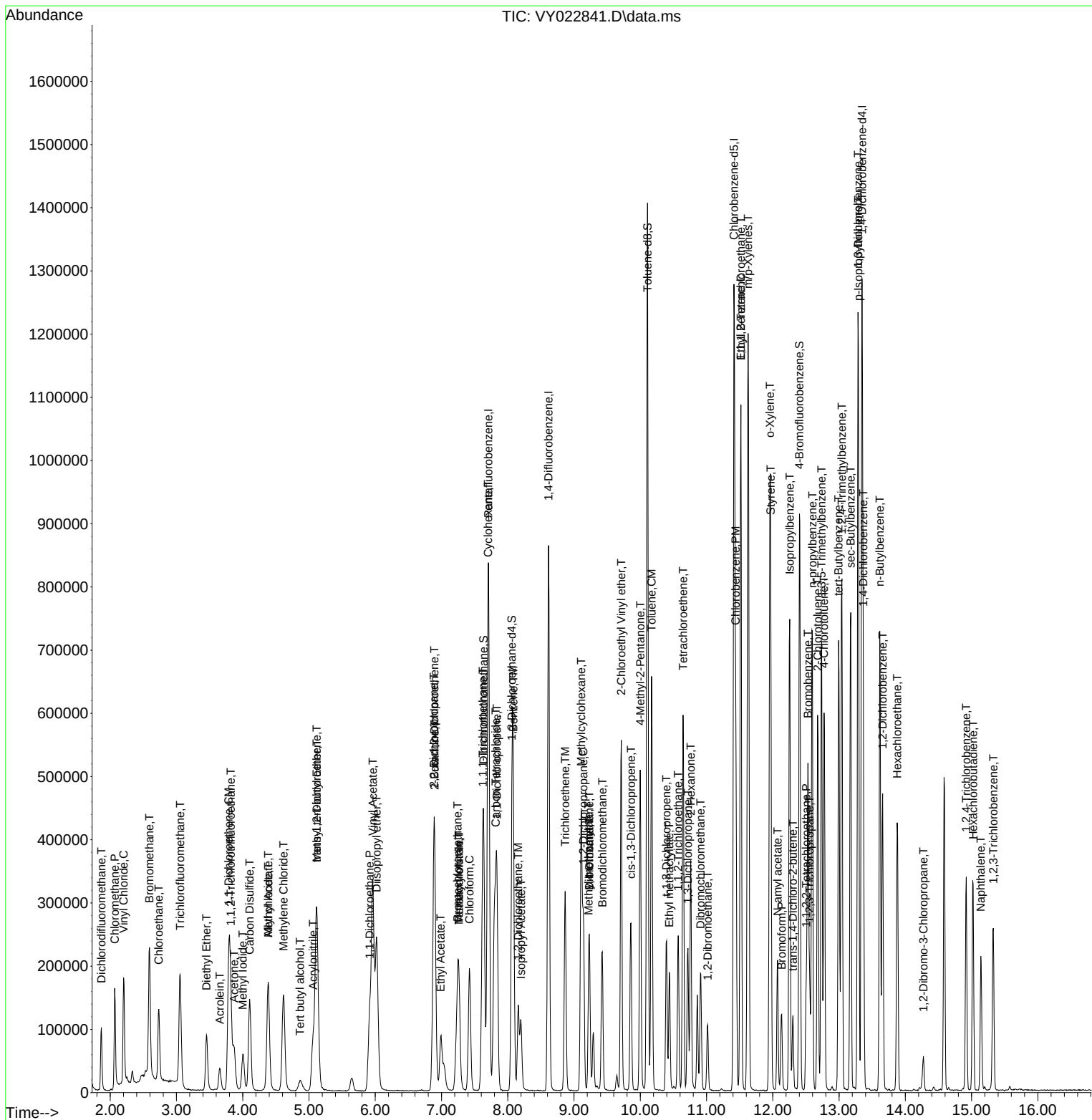
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062325S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 24 08:29:52 2025  
Response via : Initial Calibration

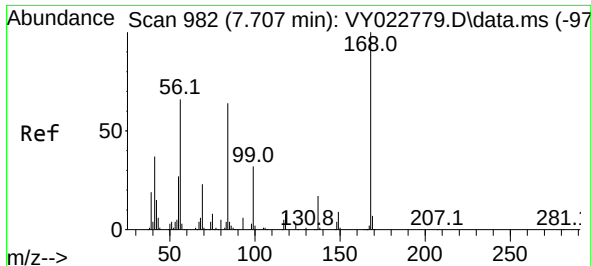
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

**Instrument :**  
MSVOA\_Y  
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VY0626SBSD01

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Quant Title : SW846 8260  
QLast Update : Tue Jun 24 08:29:52 2025  
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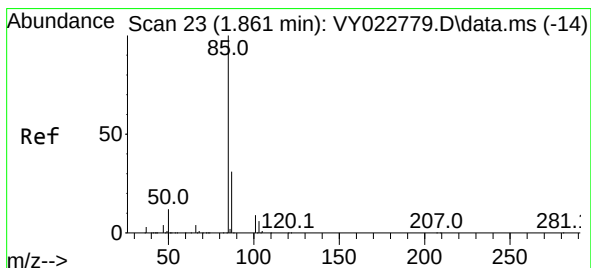
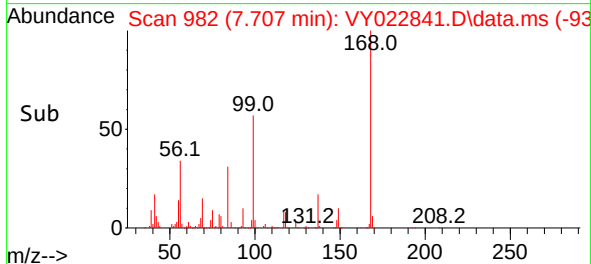
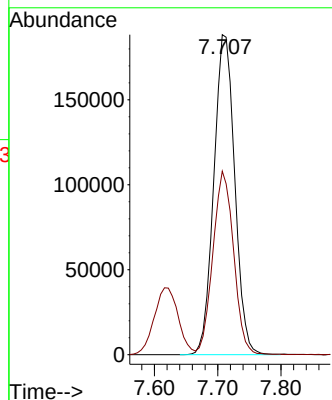
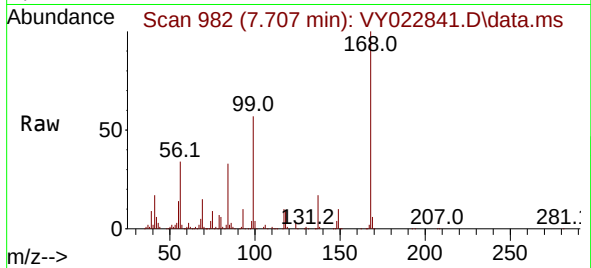




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

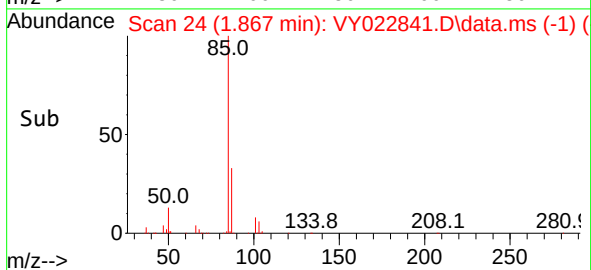
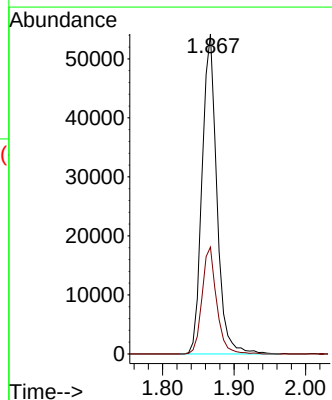
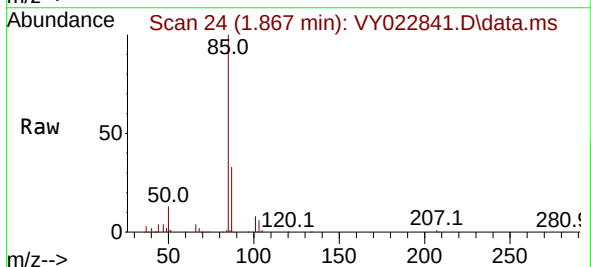
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBS01

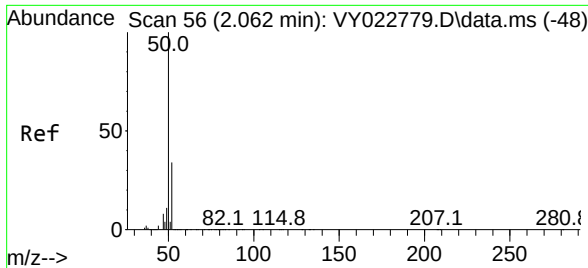
Tgt Ion:168 Resp: 431722  
Ion Ratio Lower Upper  
168 100  
99 57.2 44.3 66.5



#2  
Dichlorodifluoromethane  
Concen: 21.121 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. -0.000 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 85 Resp: 77971  
Ion Ratio Lower Upper  
85 100  
87 33.4 16.7 50.0

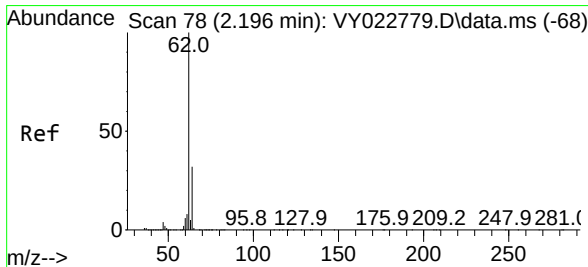
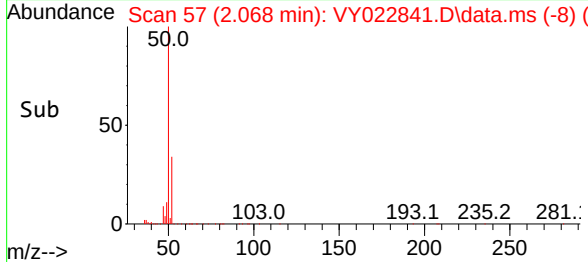
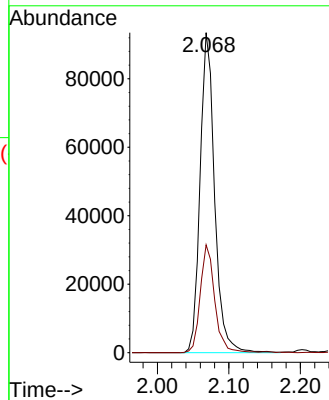
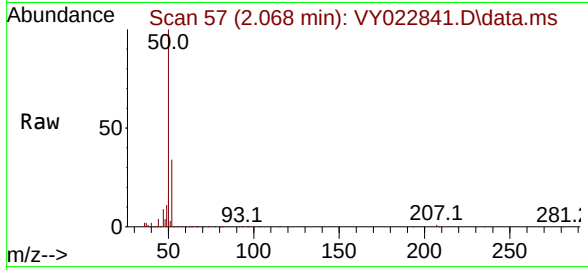




#3  
Chloromethane  
Concen: 18.676 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

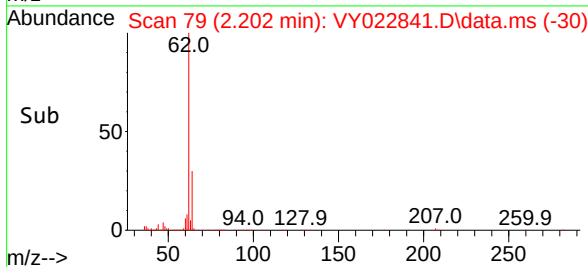
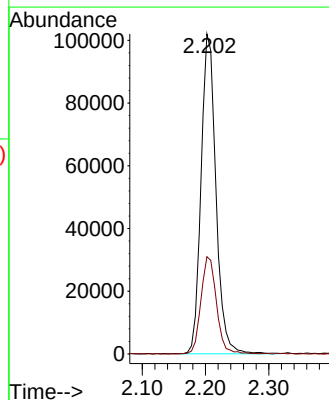
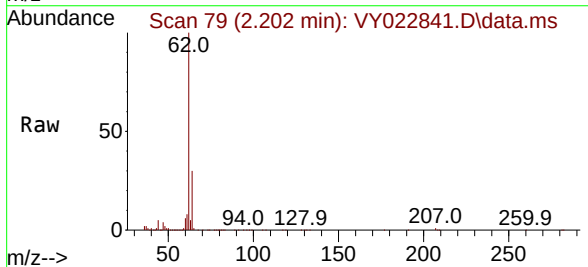
Instrument :  
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ClientSampleId :  
VY0626SBS01

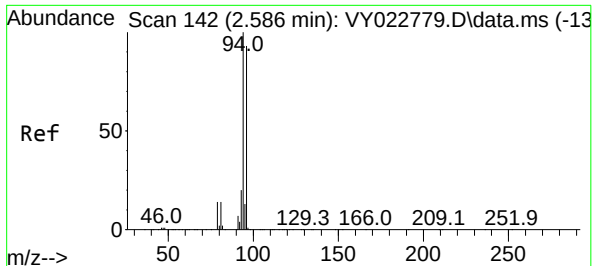
Tgt Ion: 50 Resp: 131654  
Ion Ratio Lower Upper  
50 100  
52 33.7 26.0 39.0



#4  
Vinyl Chloride  
Concen: 18.977 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 62 Resp: 167129  
Ion Ratio Lower Upper  
62 100  
64 30.3 25.3 37.9

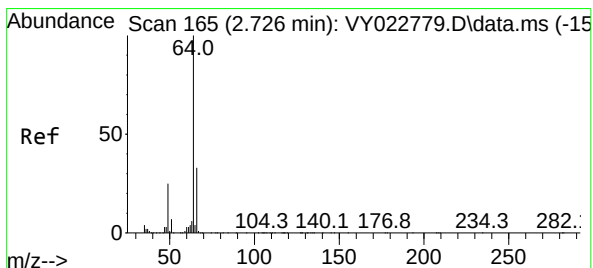
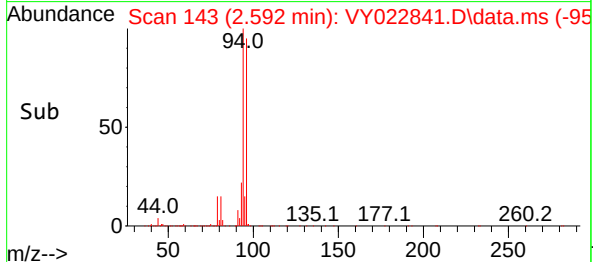
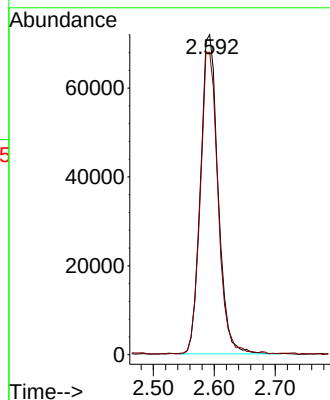
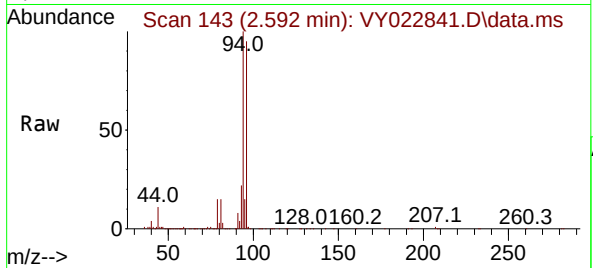




#5  
Bromomethane  
Concen: 20.767 ug/l  
RT: 2.592 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

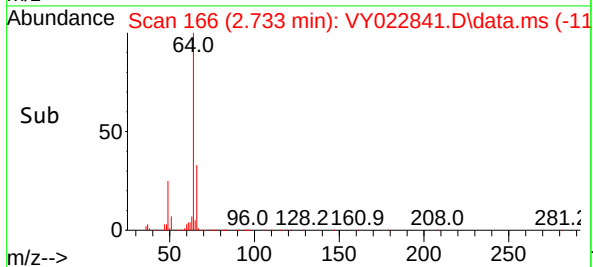
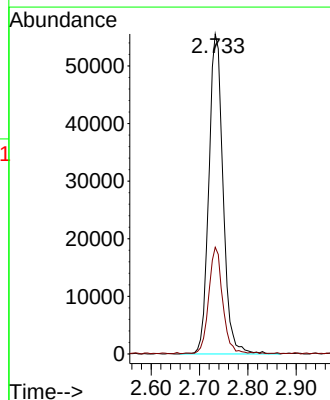
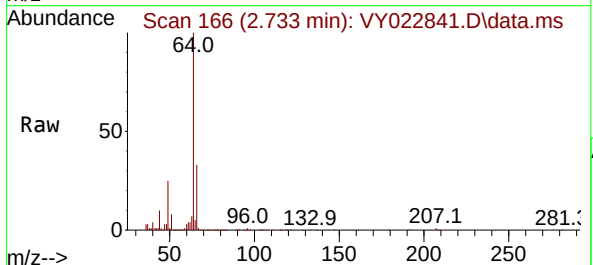
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBS01

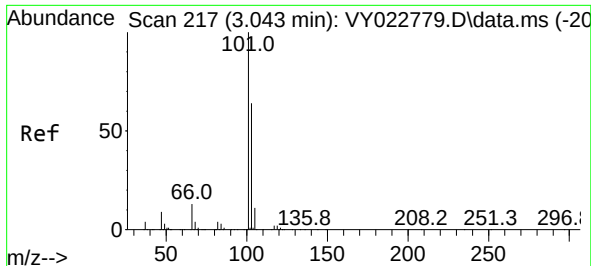
Tgt Ion: 94 Resp: 143782  
Ion Ratio Lower Upper  
94 100  
96 94.3 74.0 111.0



#6  
Chloroethane  
Concen: 19.181 ug/l  
RT: 2.733 min Scan# 166  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 64 Resp: 113552  
Ion Ratio Lower Upper  
64 100  
66 33.2 23.8 35.6

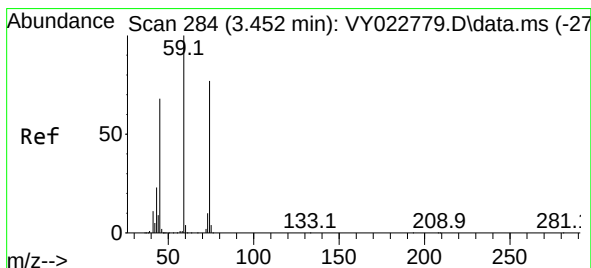
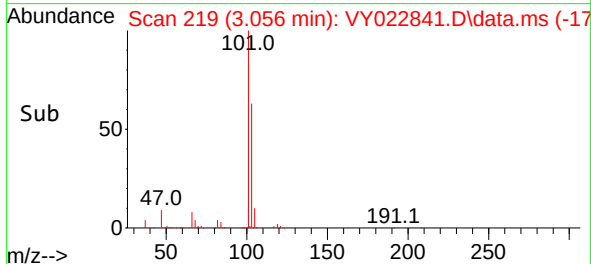
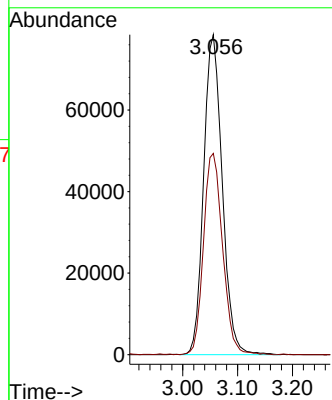
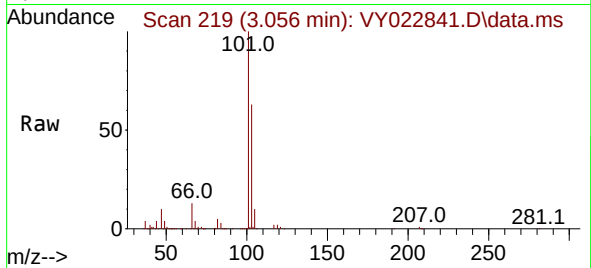




#7  
 Trichlorofluoromethane  
 Concen: 18.932 ug/l  
 RT: 3.056 min Scan# 217  
 Delta R.T. -0.000 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

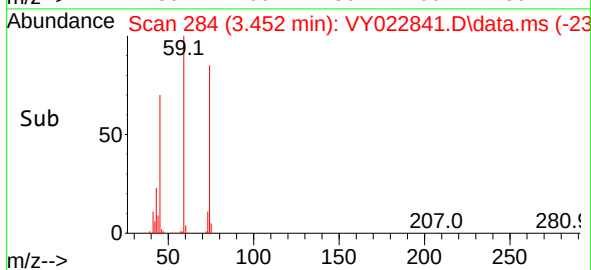
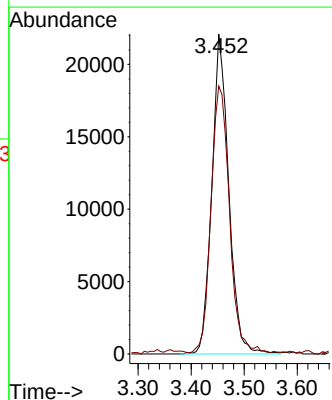
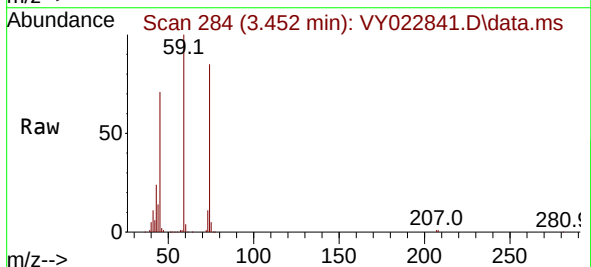
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0626SBSD01

Tgt Ion:101 Resp: 184620  
 Ion Ratio Lower Upper  
 101 100  
 103 62.8 52.2 78.2

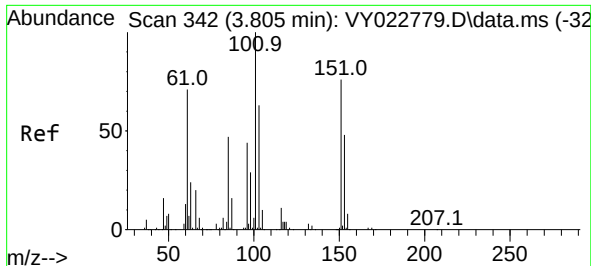


#8  
 Diethyl Ether  
 Concen: 20.291 ug/l  
 RT: 3.452 min Scan# 284  
 Delta R.T. -0.012 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

Tgt Ion: 74 Resp: 48873  
 Ion Ratio Lower Upper  
 74 100  
 45 90.9 45.9 137.6



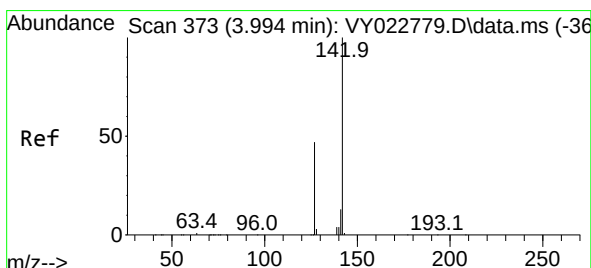
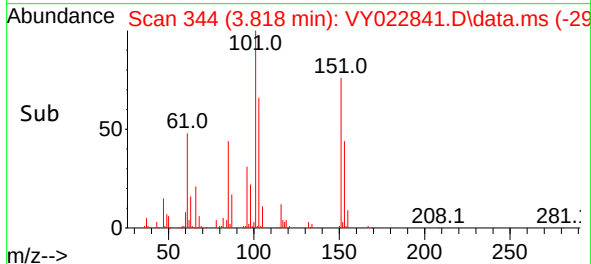
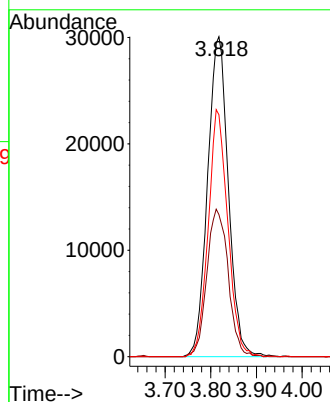
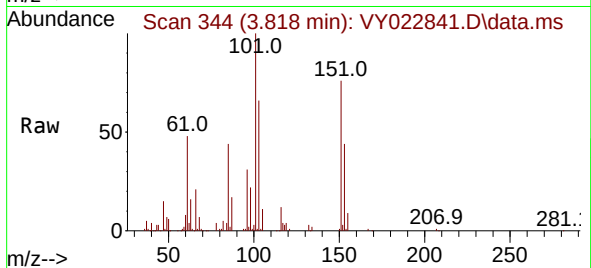




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.304 ug/l  
RT: 3.818 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

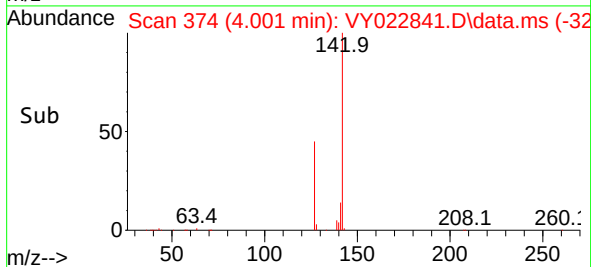
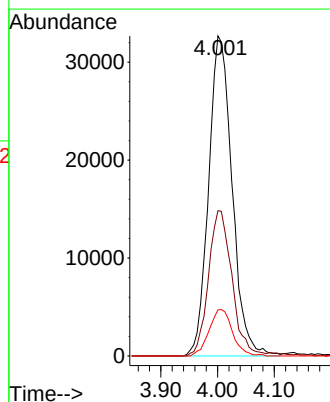
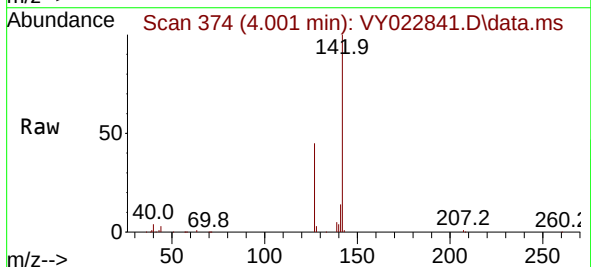
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBSD01

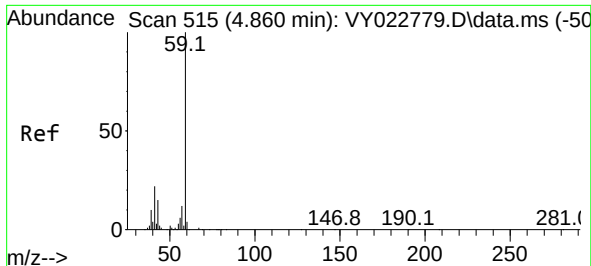
Tgt Ion:101 Resp: 94942  
Ion Ratio Lower Upper  
101 100  
85 47.5 39.3 58.9  
151 72.6 57.8 86.8



#10  
Methyl Iodide  
Concen: 19.404 ug/l  
RT: 4.001 min Scan# 374  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion:142 Resp: 94153  
Ion Ratio Lower Upper  
142 100  
127 45.1 37.1 55.7  
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 97.930 ug/l

RT: 4.866 min Scan# 515

Delta R.T. -0.018 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

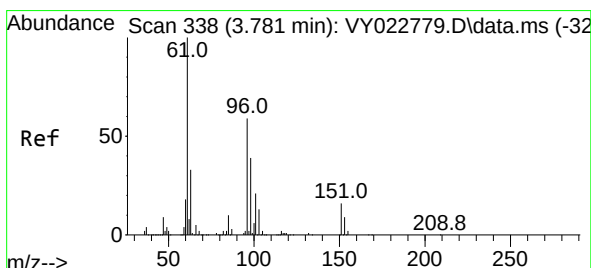
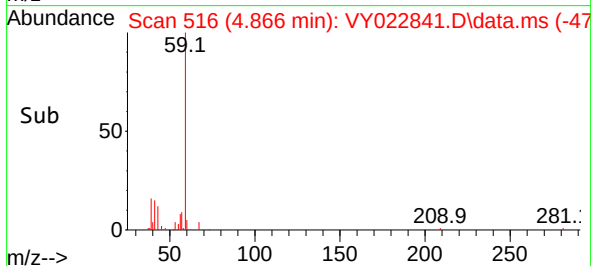
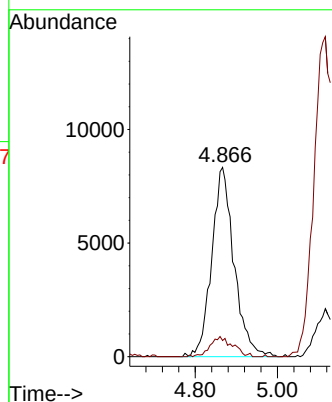
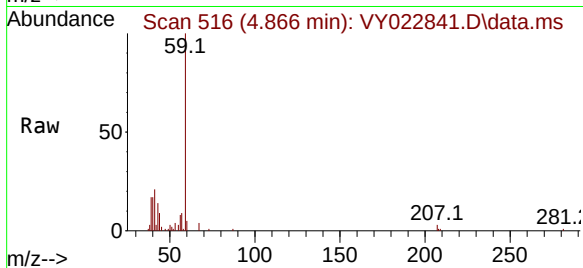
VY0626SBSD01

Tgt Ion: 59 Resp: 31376

Ion Ratio Lower Upper

59 100

57 10.6 8.0 12.0



#12

1,1-Dichloroethene

Concen: 20.533 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

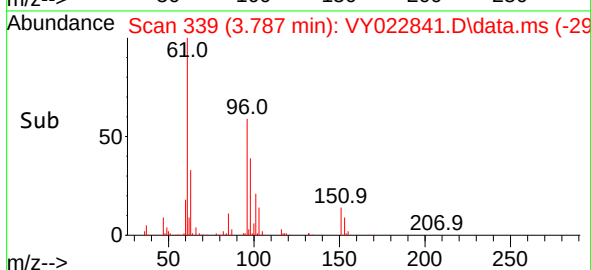
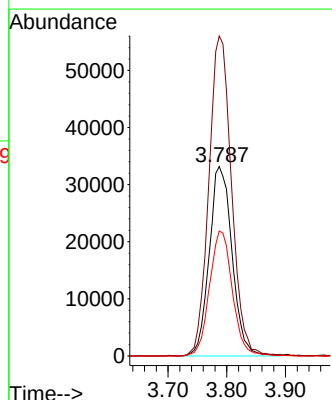
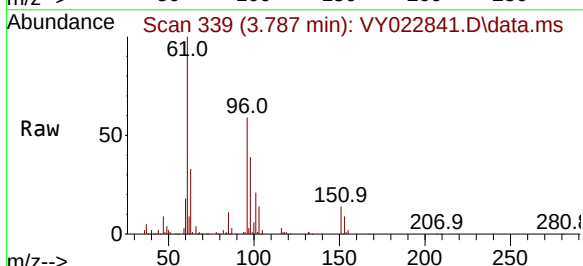
Tgt Ion: 96 Resp: 89726

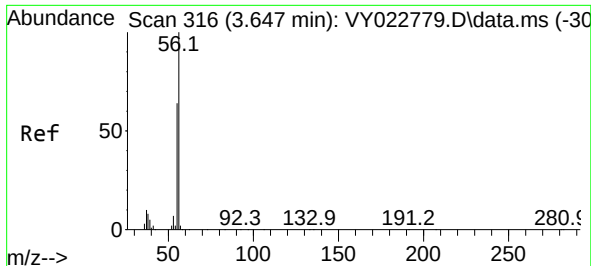
Ion Ratio Lower Upper

96 100

61 169.0 134.6 201.8

98 66.0 50.2 75.4

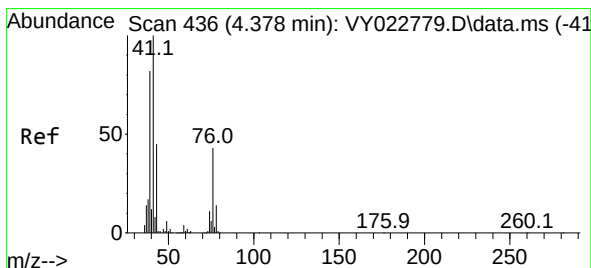
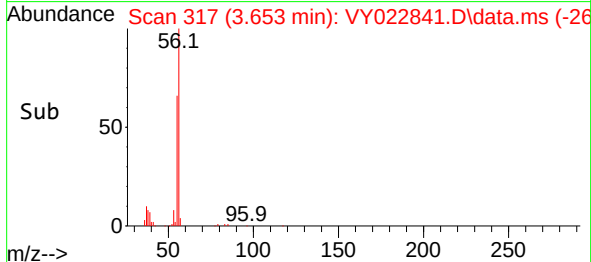
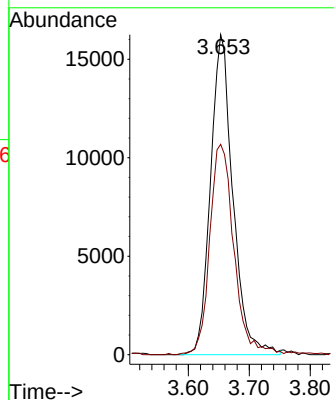
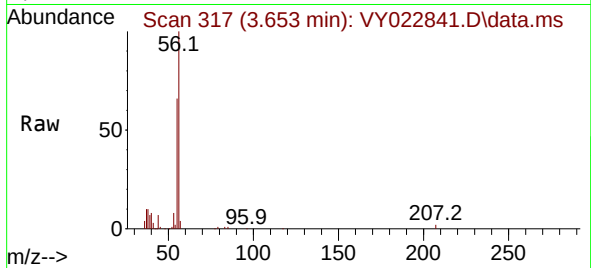




#13  
Acrolein  
Concen: 95.248 ug/l  
RT: 3.653 min Scan# 316  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

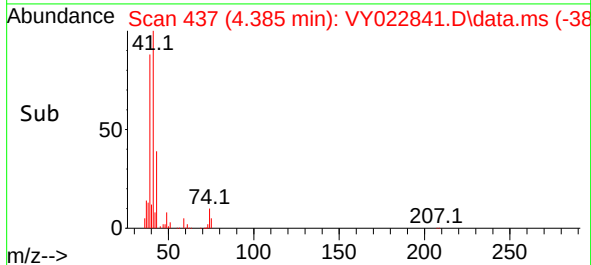
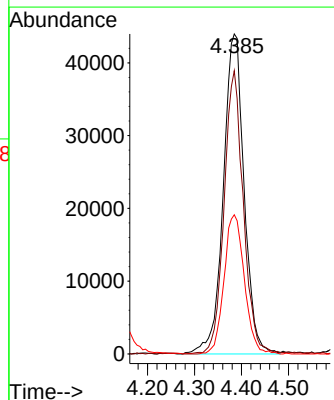
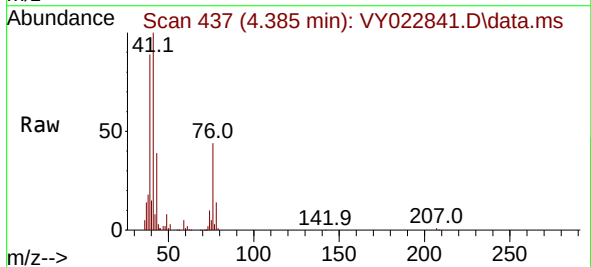
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBS01

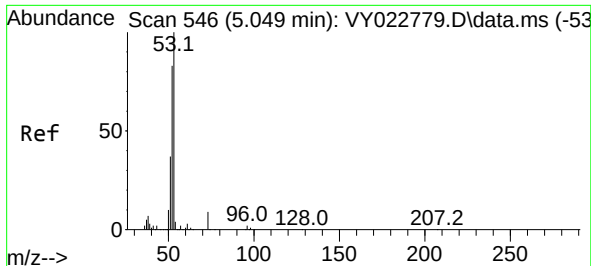
Tgt Ion: 56 Resp: 41381  
Ion Ratio Lower Upper  
56 100  
55 70.9 57.0 85.6



#14  
Allyl chloride  
Concen: 20.159 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 41 Resp: 135494  
Ion Ratio Lower Upper  
41 100  
39 82.0 69.1 103.7  
76 42.5 33.5 50.3

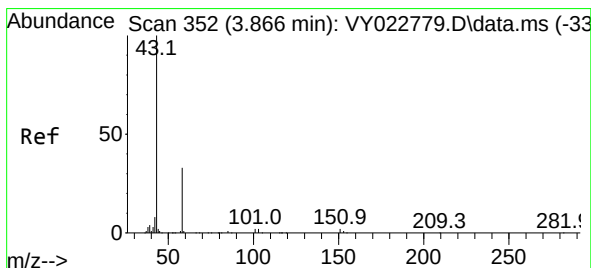
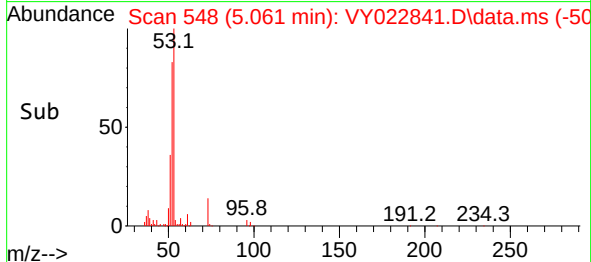
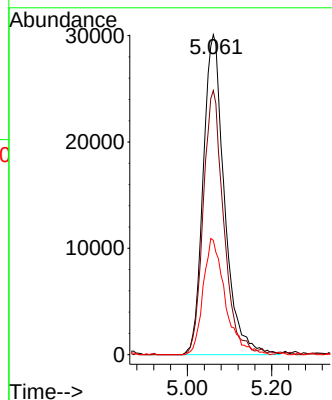
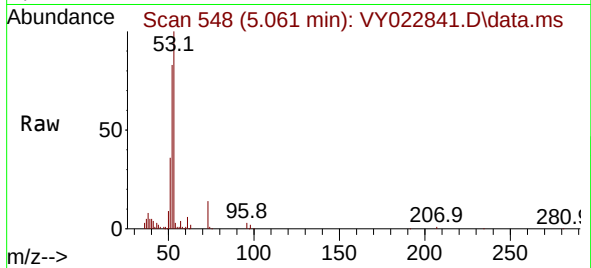




#15  
Acrylonitrile  
Concen: 105.228 ug/l  
RT: 5.061 min Scan# 546  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

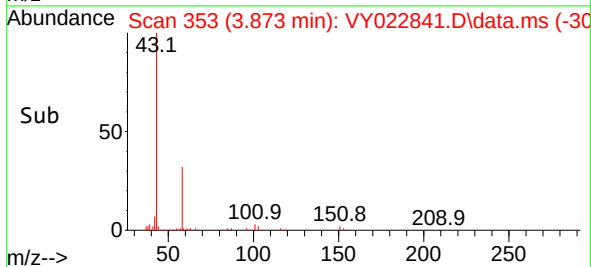
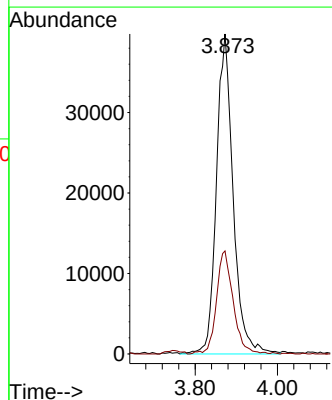
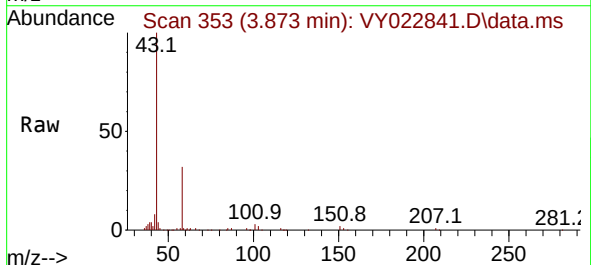
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBSD01

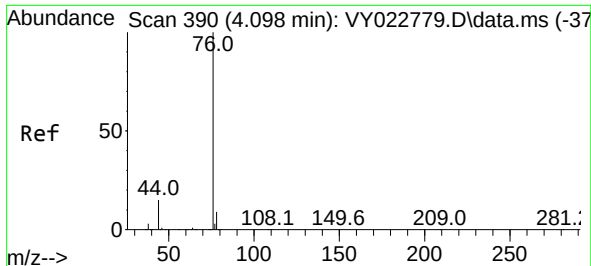
Tgt Ion: 53 Resp: 105746  
Ion Ratio Lower Upper  
53 100  
52 78.9 65.7 98.5  
51 37.7 30.1 45.1



#16  
Acetone  
Concen: 123.260 ug/l  
RT: 3.873 min Scan# 353  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 43 Resp: 112256  
Ion Ratio Lower Upper  
43 100  
58 32.2 24.0 36.0

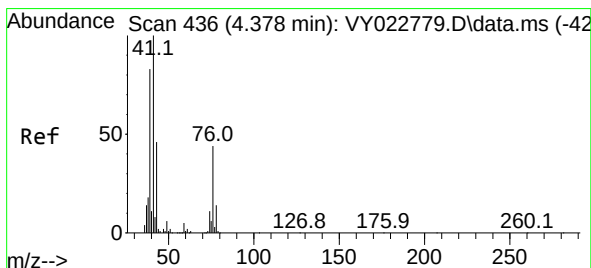
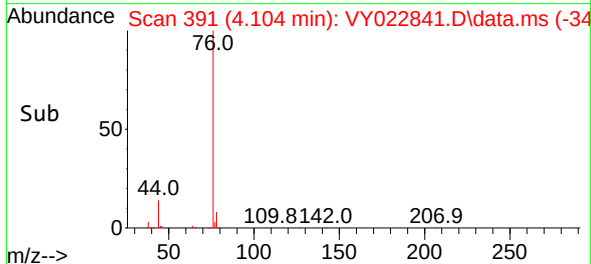
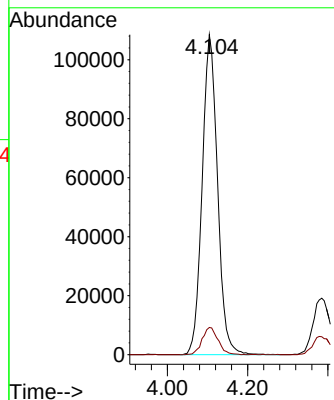
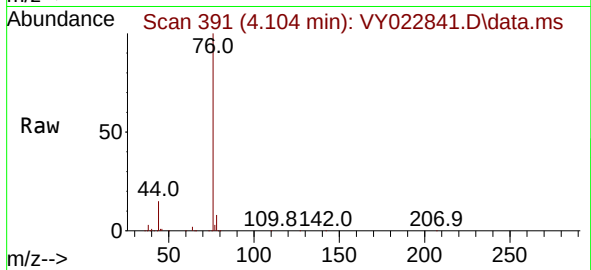




#17  
Carbon Disulfide  
Concen: 20.427 ug/l  
RT: 4.104 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

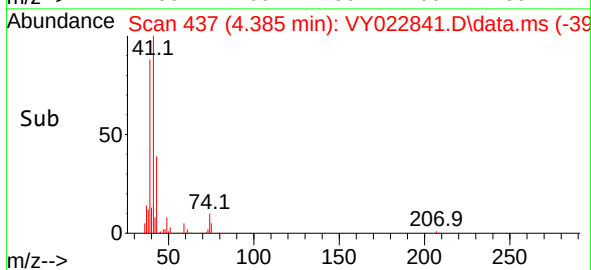
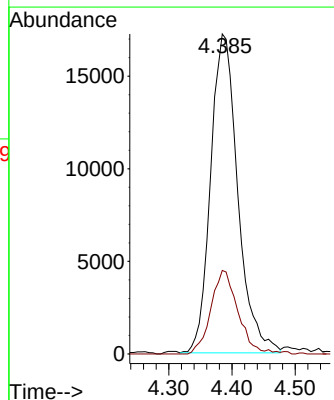
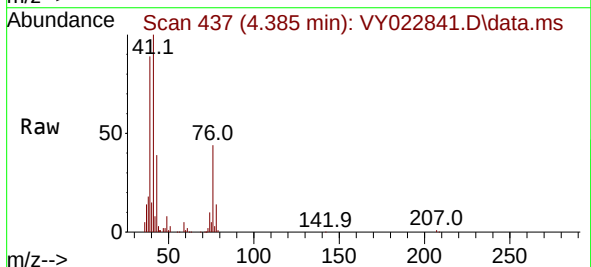
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBS01

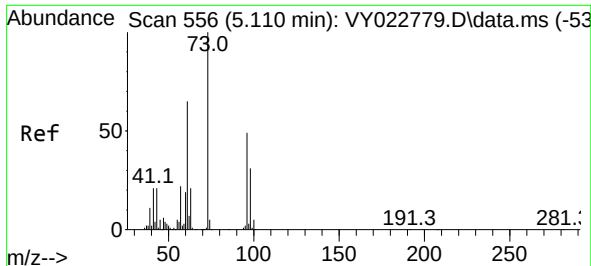
Tgt Ion: 76 Resp: 288366  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.4 11.2



#18  
Methyl Acetate  
Concen: 17.027 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. -0.012 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 43 Resp: 51355  
Ion Ratio Lower Upper  
43 100  
74 26.2 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 20.164 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

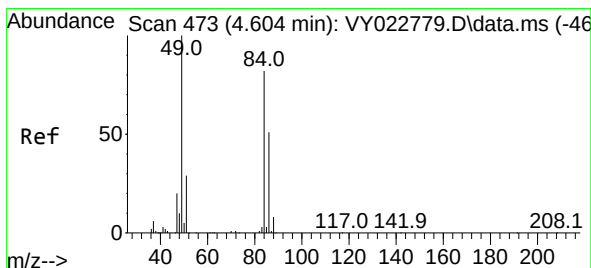
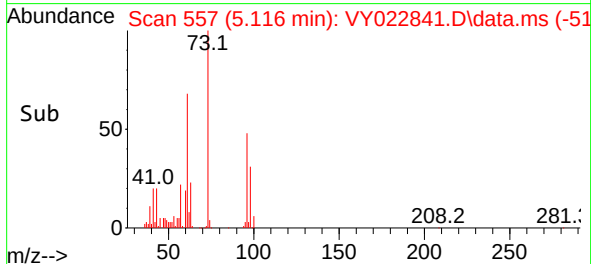
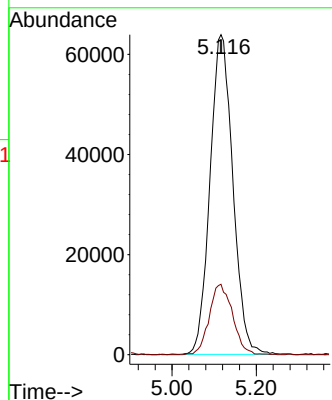
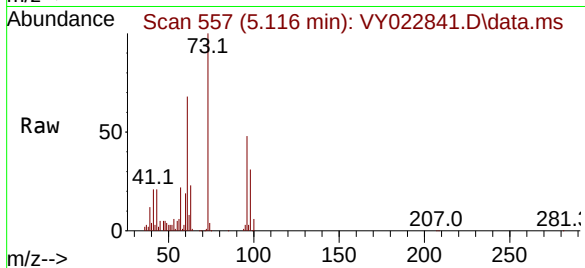
VY0626SBS01

Tgt Ion: 73 Resp: 239926

Ion Ratio Lower Upper

73 100

57 22.0 17.4 26.0



#20

Methylene Chloride

Concen: 19.520 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Tgt Ion: 84 Resp: 112271

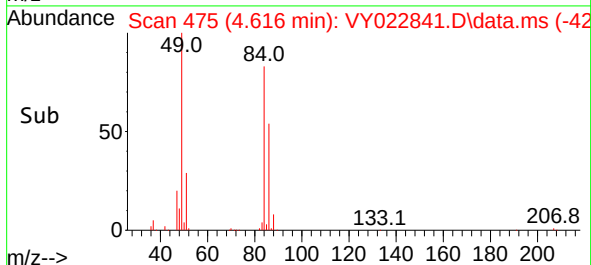
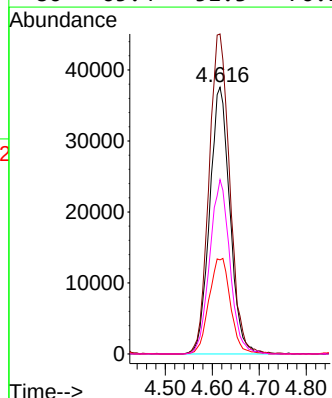
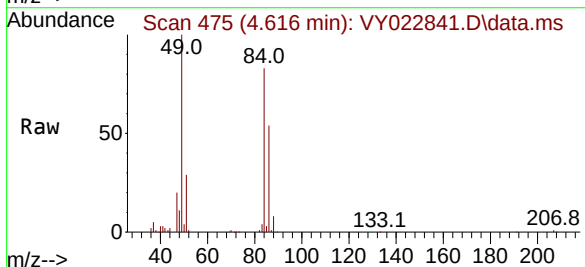
Ion Ratio Lower Upper

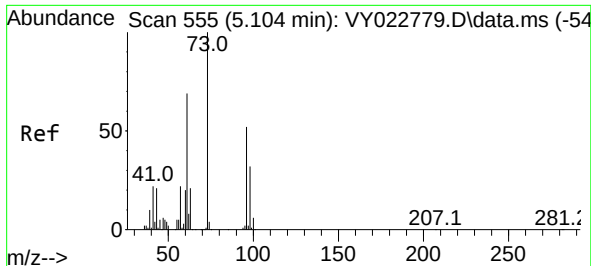
84 100

49 120.0 101.9 152.9

51 35.3 29.8 44.8

86 65.4 51.3 76.9

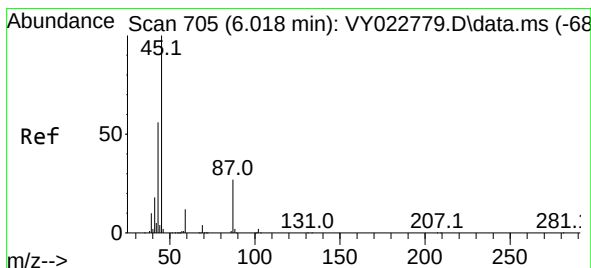
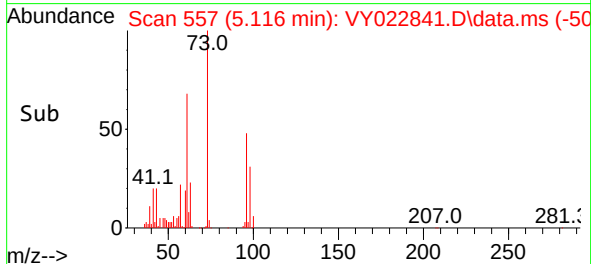
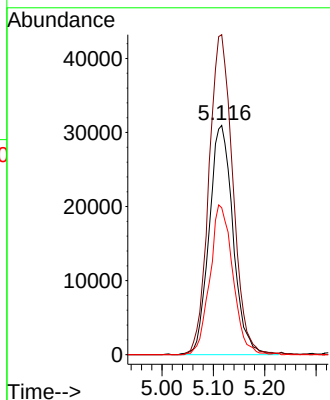
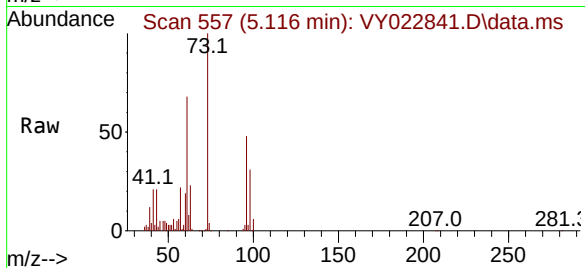




#21  
trans-1,2-Dichloroethene  
Concen: 20.015 ug/l  
RT: 5.116 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

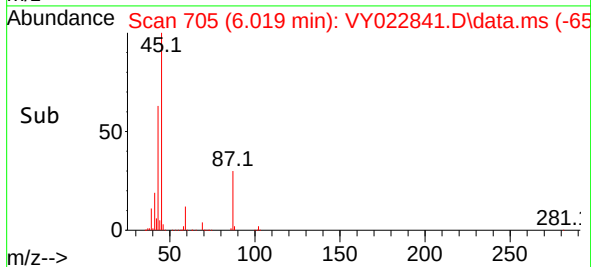
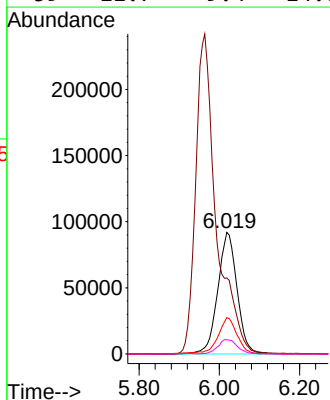
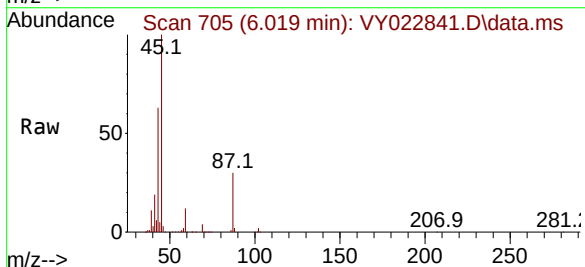
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBS01

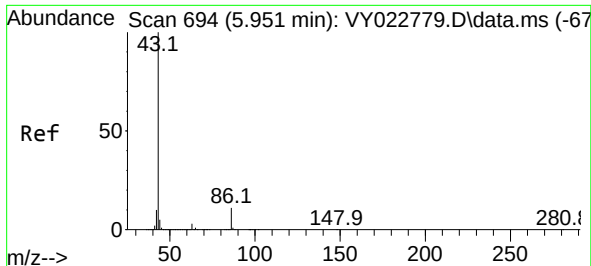
Tgt Ion: 96 Resp: 99960  
Ion Ratio Lower Upper  
96 100  
61 139.6 112.6 169.0  
98 64.1 50.6 75.8



#22  
Diisopropyl ether  
Concen: 20.491 ug/l  
RT: 6.019 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 45 Resp: 305873  
Ion Ratio Lower Upper  
45 100  
43 62.1 48.3 72.5  
87 29.8 23.0 34.6  
59 11.7 9.4 14.0

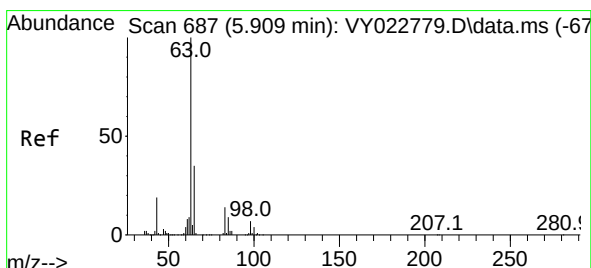
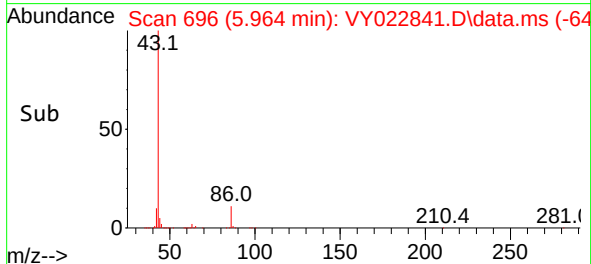
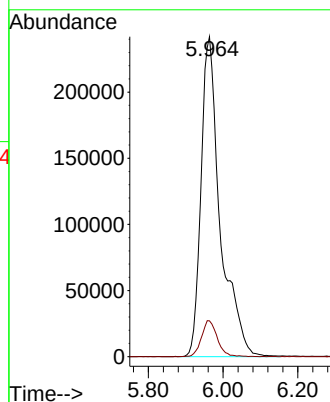
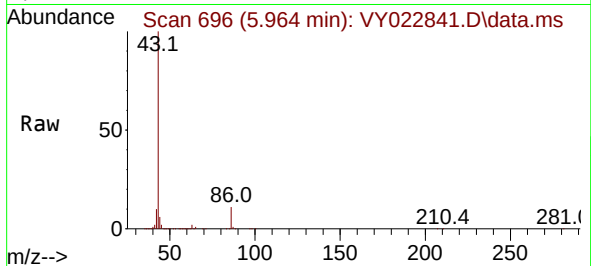




#23  
 Vinyl Acetate  
 Concen: 104.812 ug/l  
 RT: 5.964 min Scan# 694  
 Delta R.T. -0.006 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

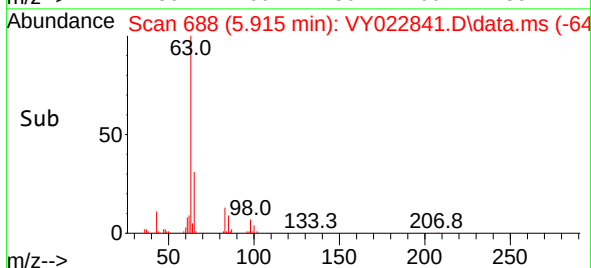
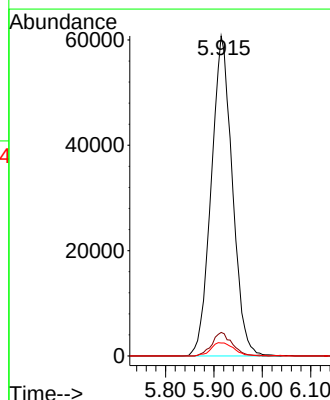
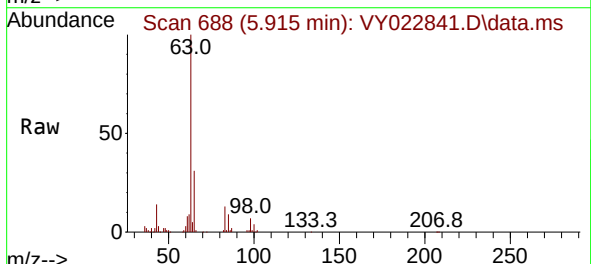
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0626SBS01

Tgt Ion: 43 Resp: 864056  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 8.6 12.8

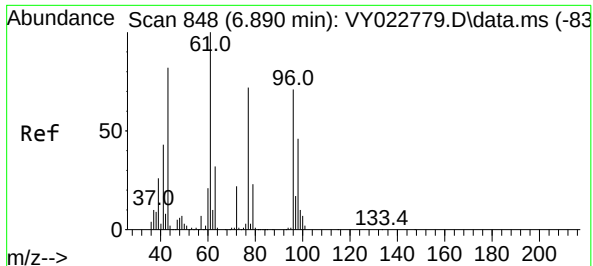


#24  
 1,1-Dichloroethane  
 Concen: 20.437 ug/l  
 RT: 5.915 min Scan# 688  
 Delta R.T. -0.006 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

Tgt Ion: 63 Resp: 184267  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.4 10.1  
 100 4.0 2.1 6.3



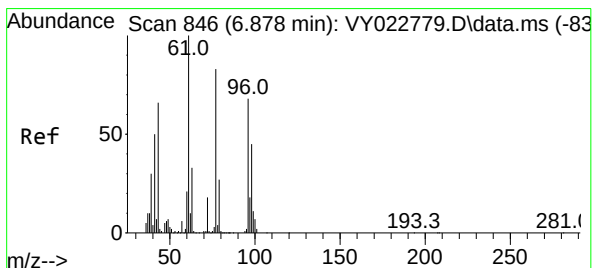
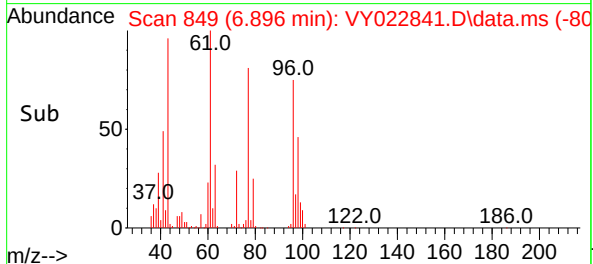
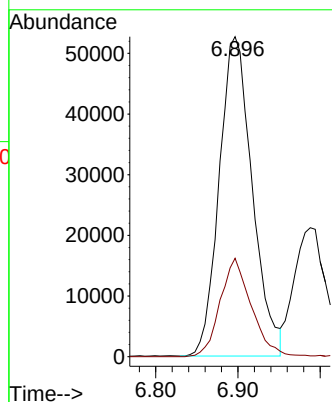
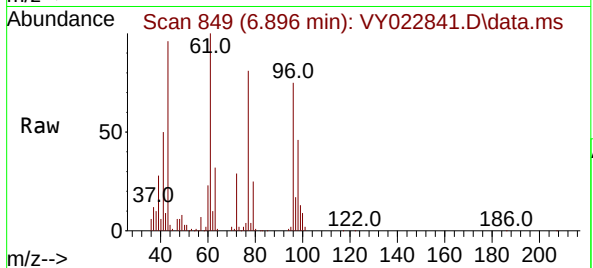




#25  
2-Butanone  
Concen: 111.151 ug/l  
RT: 6.896 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

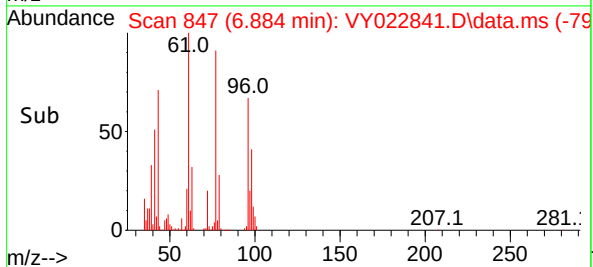
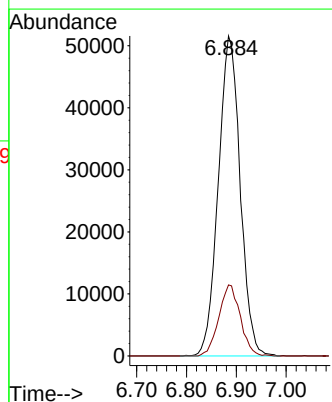
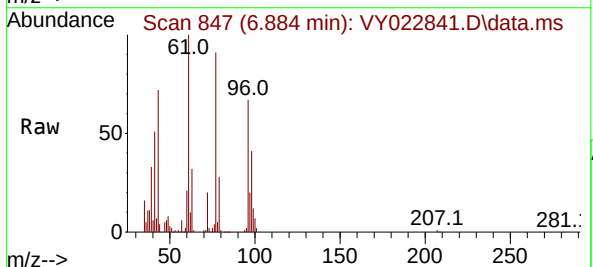
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBS01

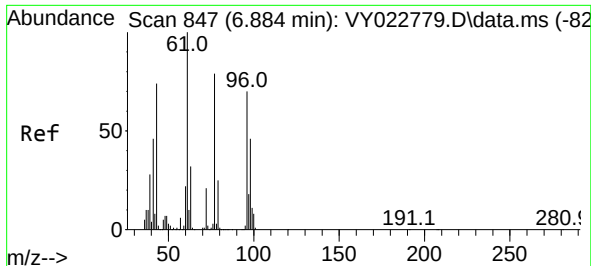
Tgt Ion: 43 Resp: 147329  
Ion Ratio Lower Upper  
43 100  
72 30.8 22.9 34.3



#26  
2,2-Dichloropropane  
Concen: 20.786 ug/l  
RT: 6.884 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 77 Resp: 157099  
Ion Ratio Lower Upper  
77 100  
97 21.8 11.4 34.2

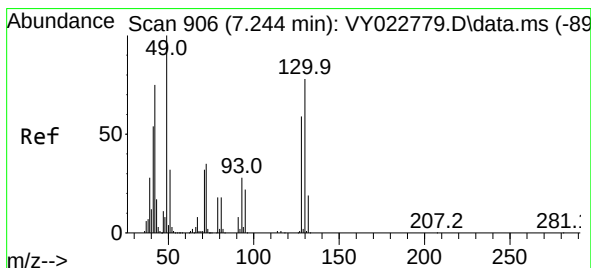
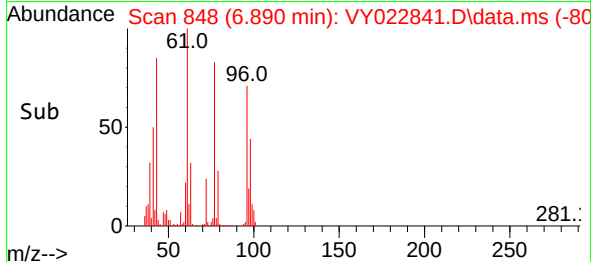
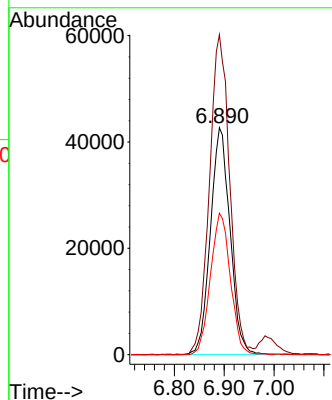
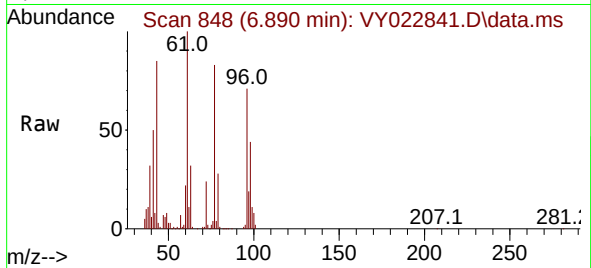




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.035 ug/l  
 RT: 6.890 min Scan# 847  
 Delta R.T. -0.006 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

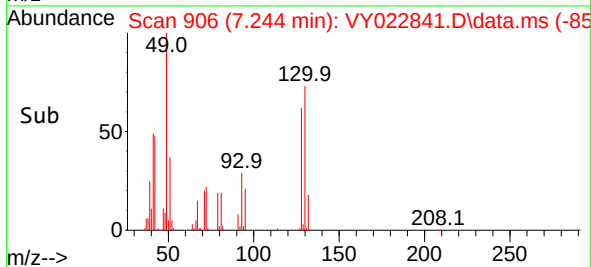
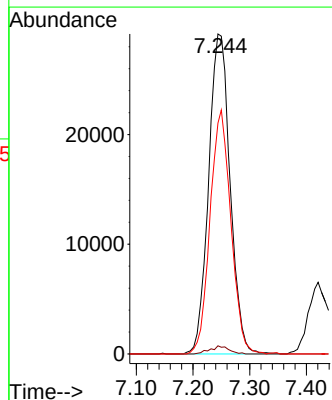
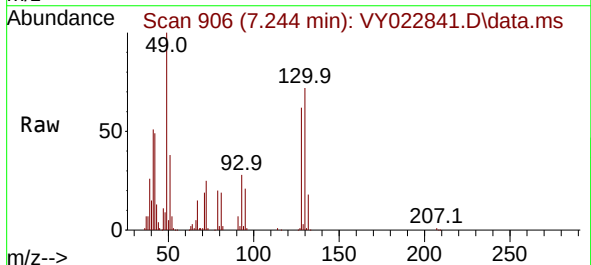
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0626SBSD01

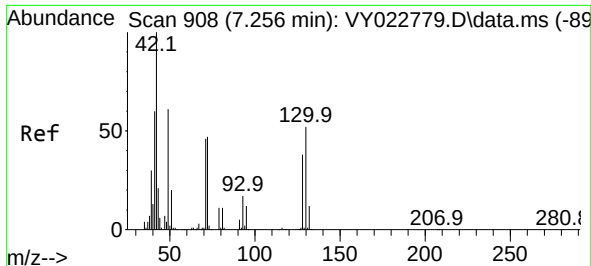
Tgt Ion: 96 Resp: 116270  
 Ion Ratio Lower Upper  
 96 100  
 61 146.1 0.0 290.0  
 98 63.5 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 20.253 ug/l  
 RT: 7.244 min Scan# 906  
 Delta R.T. -0.006 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

Tgt Ion: 49 Resp: 76768  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 3.6  
 130 73.9 55.7 83.5





#29

Tetrahydrofuran

Concen: 103.434 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

VY0626SBS01

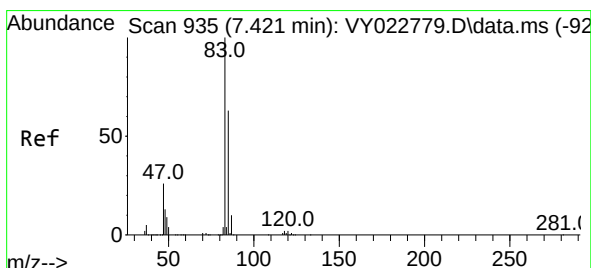
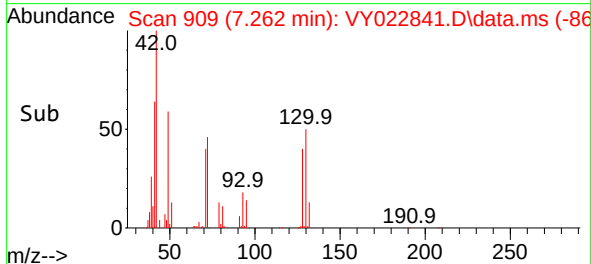
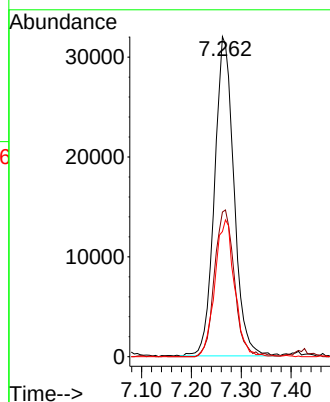
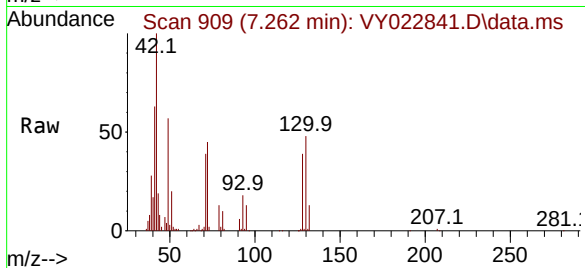
Tgt Ion: 42 Resp: 86572

Ion Ratio Lower Upper

42 100

72 47.0 37.4 56.2

71 43.4 34.2 51.2



#30

Chloroform

Concen: 20.068 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022841.D

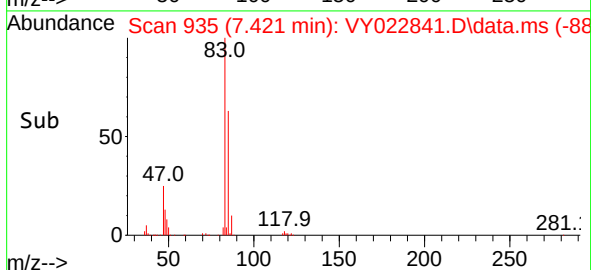
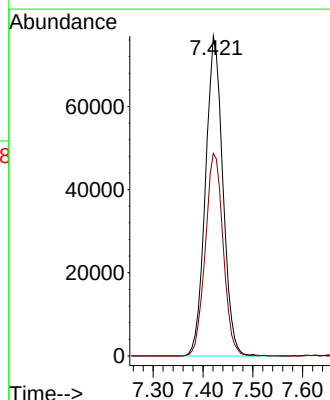
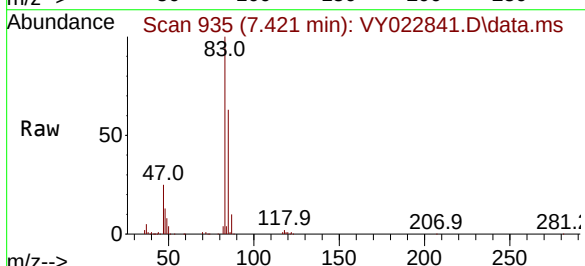
Acq: 26 Jun 2025 11:32

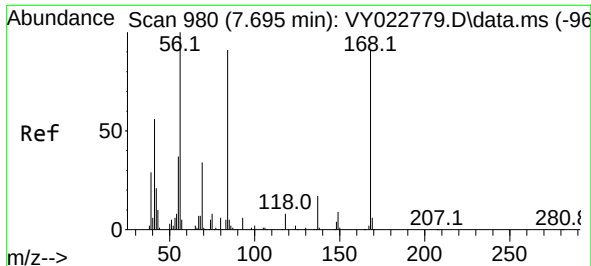
Tgt Ion: 83 Resp: 186363

Ion Ratio Lower Upper

83 100

85 63.3 54.2 81.4

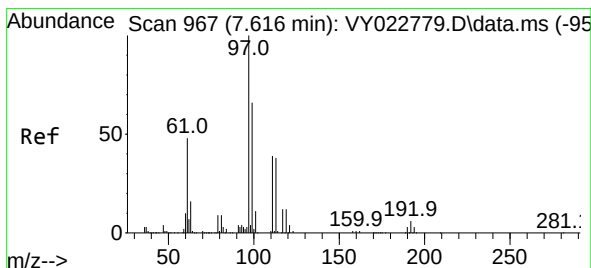
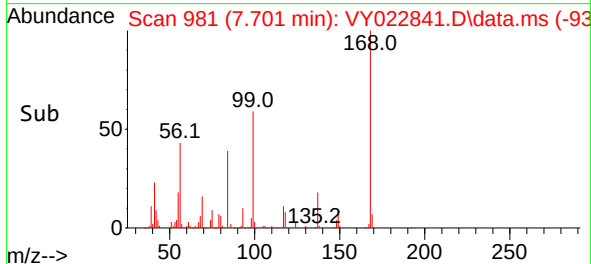
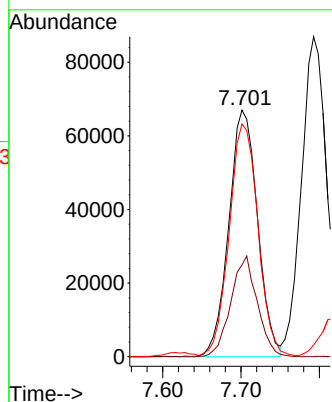
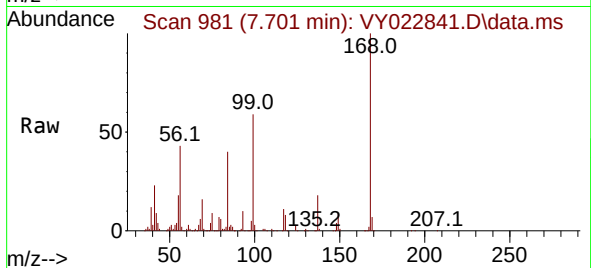




#31  
Cyclohexane  
Concen: 20.648 ug/l  
RT: 7.701 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

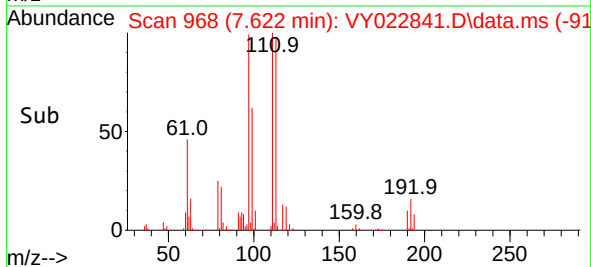
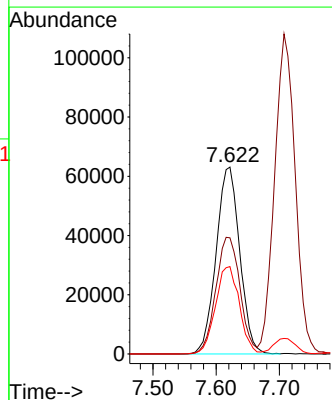
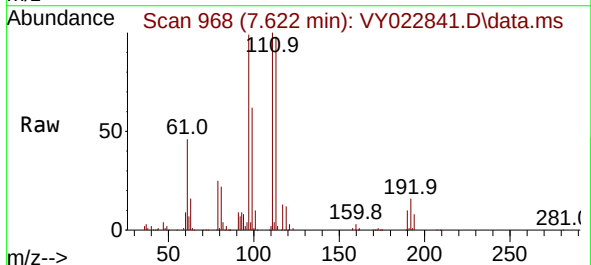
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBS01

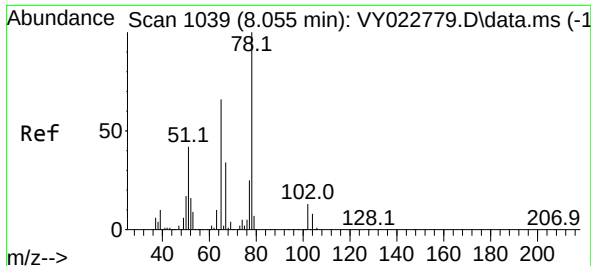
Tgt Ion: 56 Resp: 170893  
Ion Ratio Lower Upper  
56 100  
69 37.2 27.0 40.6  
84 92.9 72.6 109.0



#32  
1,1,1-Trichloroethane  
Concen: 20.361 ug/l  
RT: 7.622 min Scan# 968  
Delta R.T. -0.000 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 97 Resp: 163395  
Ion Ratio Lower Upper  
97 100  
99 63.9 50.9 76.3  
61 47.4 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 50.754 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

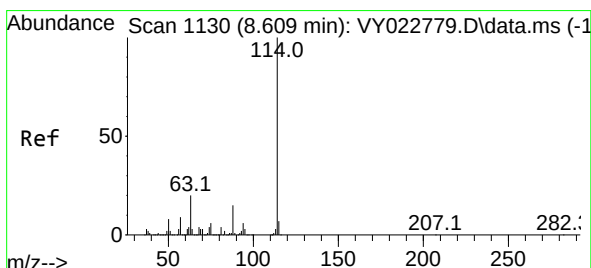
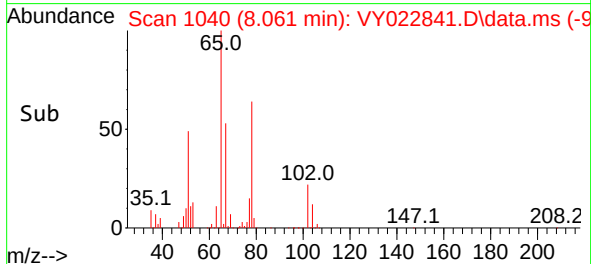
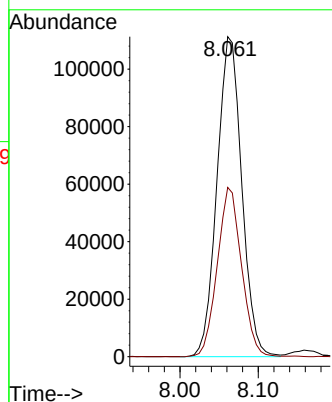
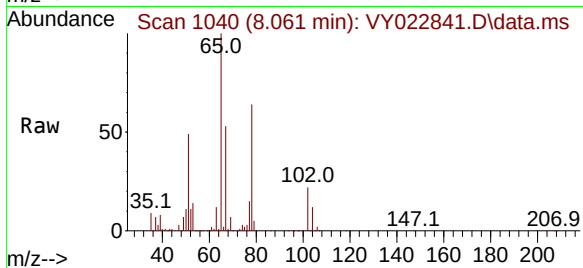
VY0626SBS01

Tgt Ion: 65 Resp: 244555

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

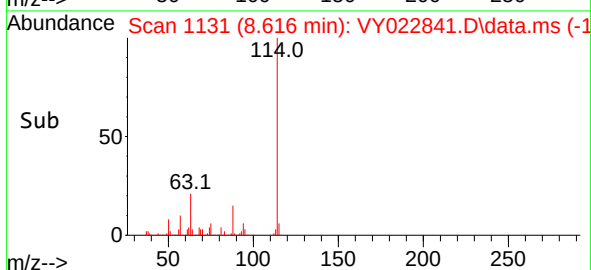
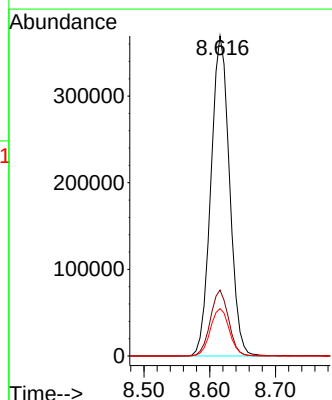
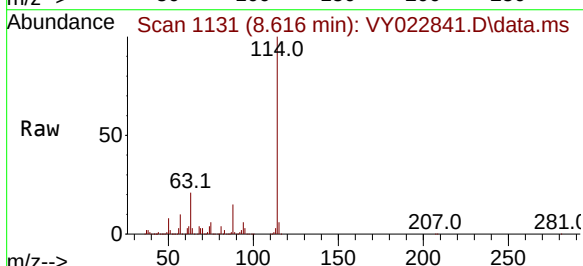
Tgt Ion: 114 Resp: 725692

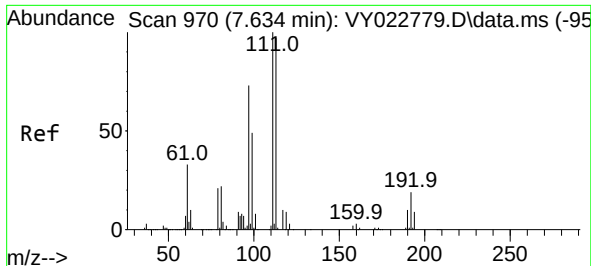
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 14.8 0.0 27.8

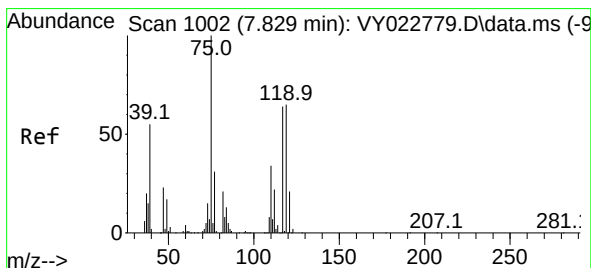
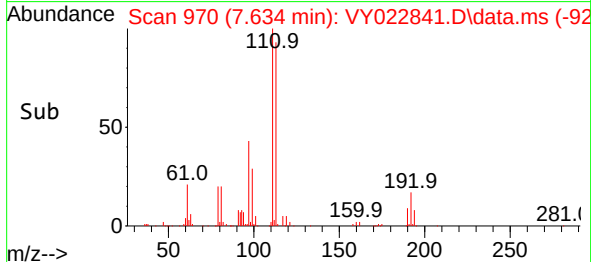
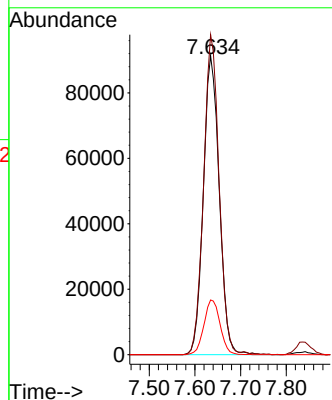
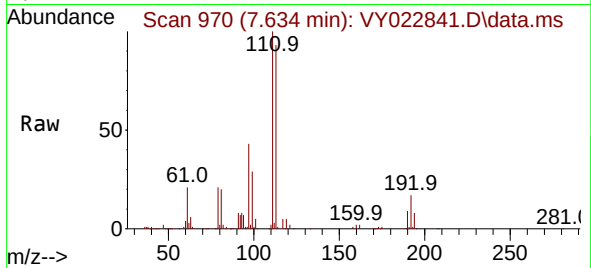




#35  
Dibromofluoromethane  
Concen: 50.062 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

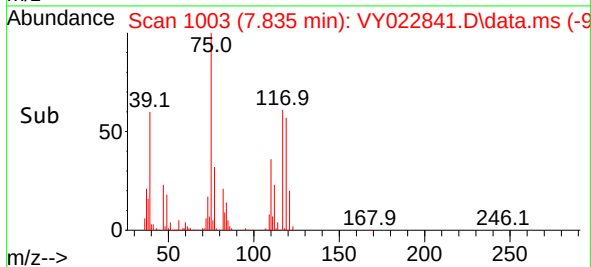
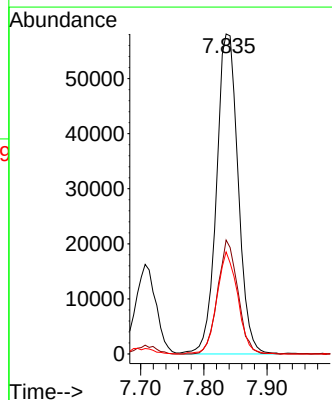
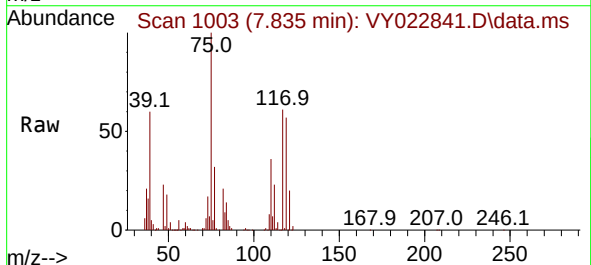
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBS01

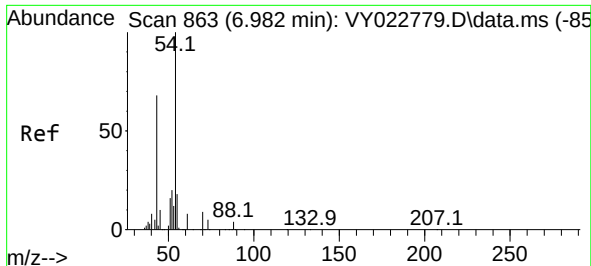
Tgt Ion:113 Resp: 220940  
Ion Ratio Lower Upper  
113 100  
111 104.6 81.1 121.7  
192 18.7 14.2 21.2



#36  
1,1-Dichloropropene  
Concen: 20.566 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 75 Resp: 137574  
Ion Ratio Lower Upper  
75 100  
110 33.3 16.9 50.7  
77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 20.398 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

VY0626SBS01

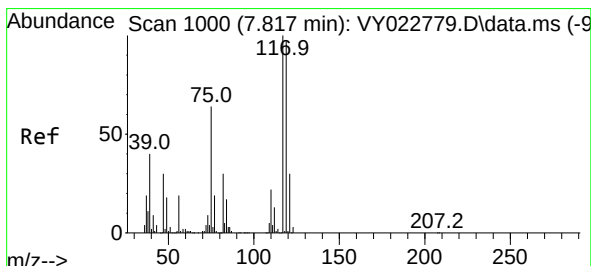
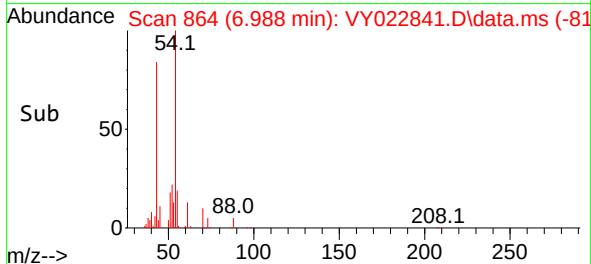
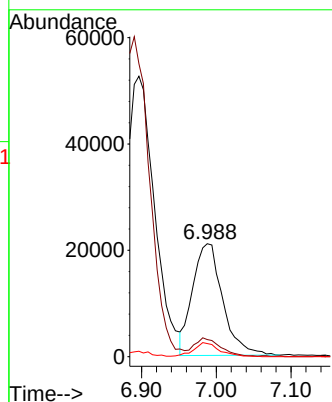
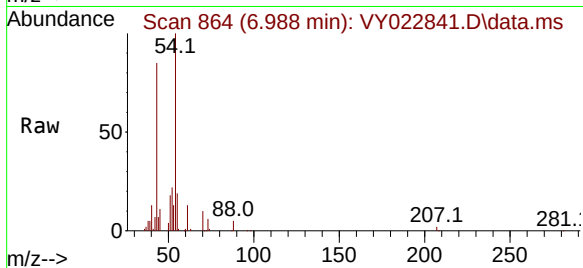
Tgt Ion: 43 Resp: 58883

Ion Ratio Lower Upper

43 100

61 14.5 11.5 17.3

70 10.8 7.2 10.8#



#38

Carbon Tetrachloride

Concen: 20.120 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

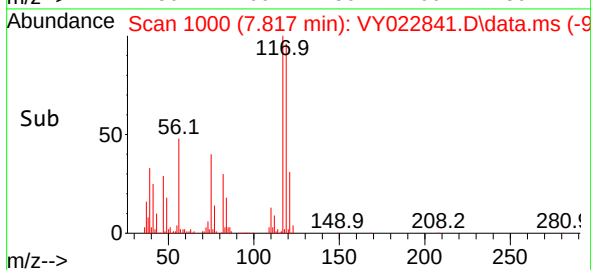
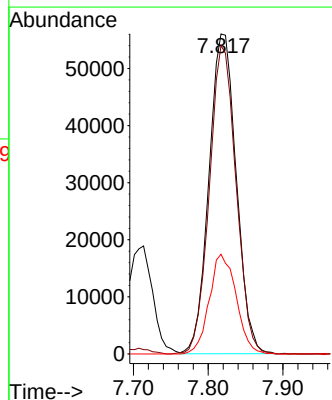
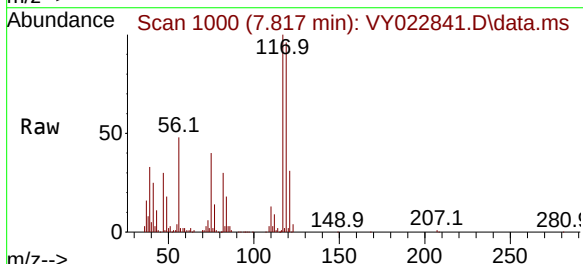
Tgt Ion: 117 Resp: 142015

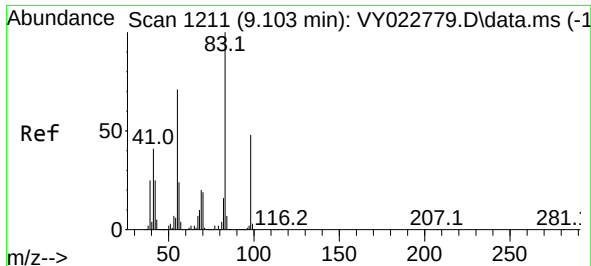
Ion Ratio Lower Upper

117 100

119 96.5 75.0 112.6

121 31.2 25.0 37.4





#39

Methylcyclohexane

Concen: 20.646 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

VY0626SBSD01

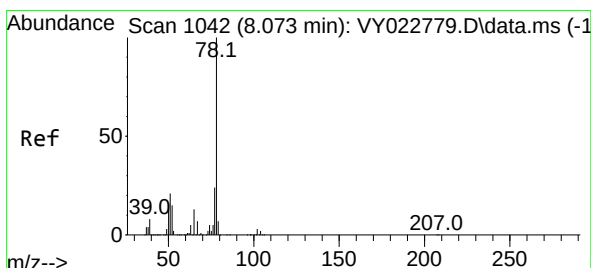
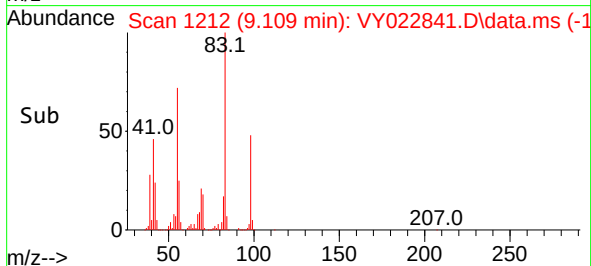
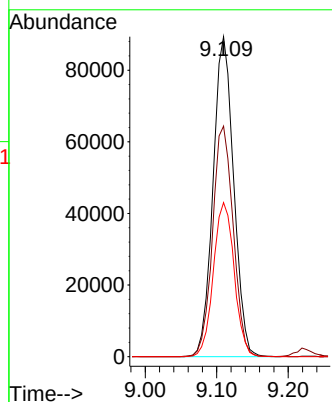
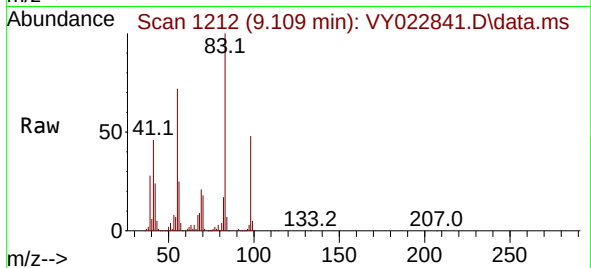
Tgt Ion: 83 Resp: 178730

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|    |     |  |  |
|----|-----|--|--|
| 83 | 100 |  |  |
|----|-----|--|--|

|    |      |      |      |
|----|------|------|------|
| 55 | 72.0 | 58.1 | 87.1 |
|----|------|------|------|

|    |      |      |      |
|----|------|------|------|
| 98 | 48.1 | 39.0 | 58.6 |
|----|------|------|------|



#40

Benzene

Concen: 20.586 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY022841.D

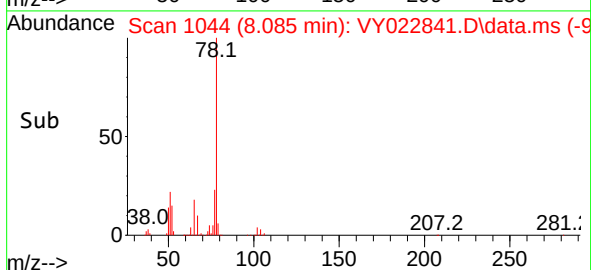
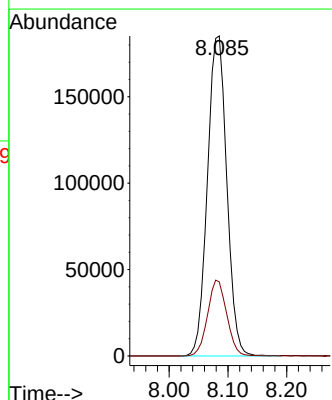
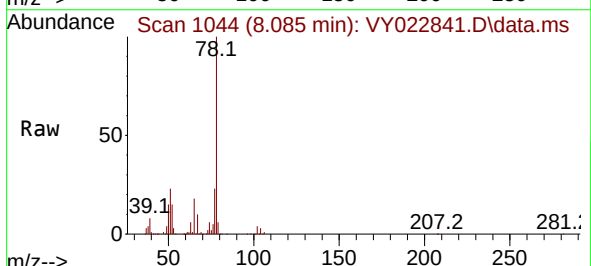
Acq: 26 Jun 2025 11:32

Tgt Ion: 78 Resp: 423392

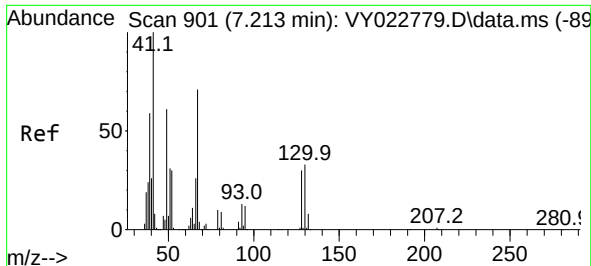
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|    |     |  |  |
|----|-----|--|--|
| 78 | 100 |  |  |
|----|-----|--|--|

|    |      |      |      |
|----|------|------|------|
| 77 | 23.1 | 19.3 | 28.9 |
|----|------|------|------|



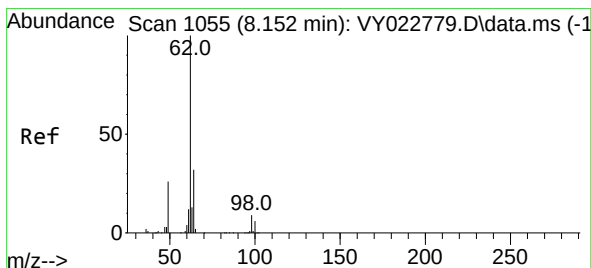
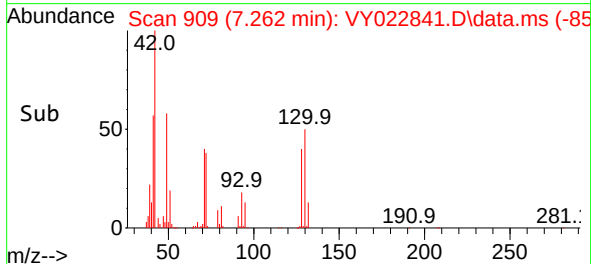
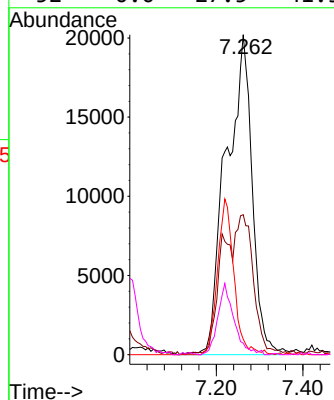
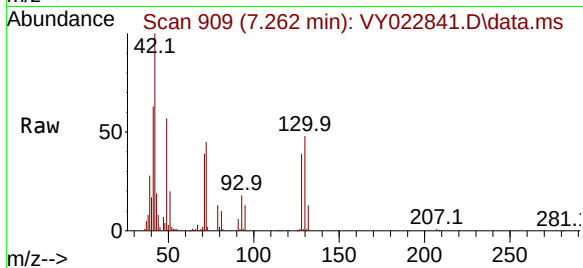




#41  
Methacrylonitrile  
Concen: 47.244 ug/l  
RT: 7.262 min Scan# 901  
Delta R.T. 0.030 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

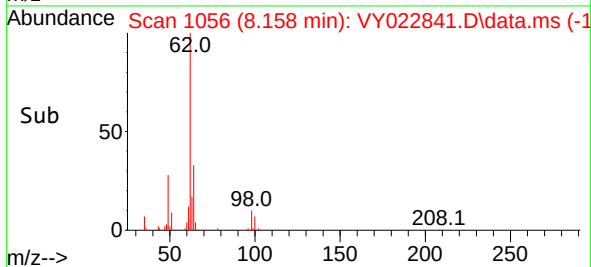
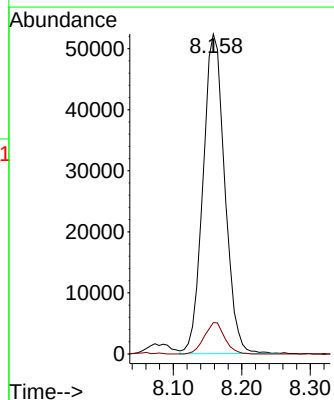
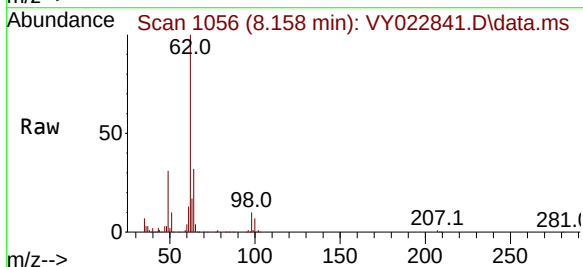
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBS01

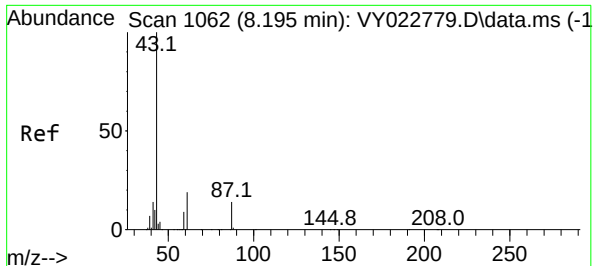
Tgt Ion: 41 Resp: 83957  
Ion Ratio Lower Upper  
41 100  
39 30.1 46.6 69.8#  
67 0.0 63.3 94.9#  
52 0.0 27.5 41.3#



#42  
1,2-Dichloroethane  
Concen: 20.489 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 62 Resp: 115476  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 19.2





#43

Isopropyl Acetate

Concen: 20.028 ug/l

RT: 8.201 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

VY0626SBS01

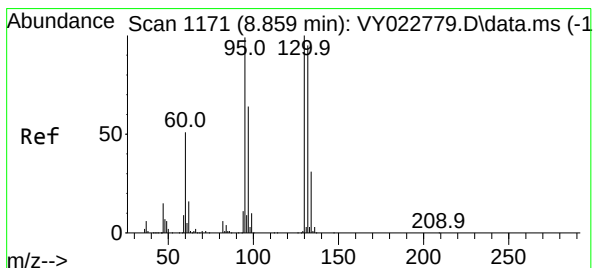
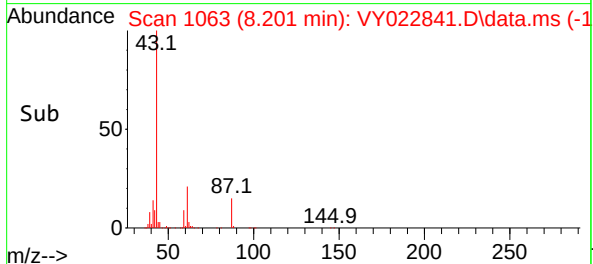
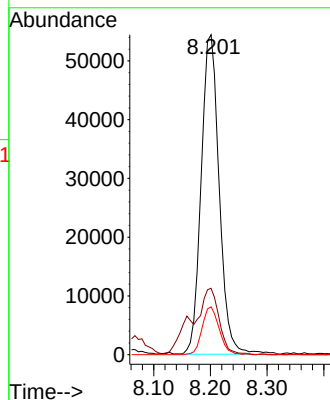
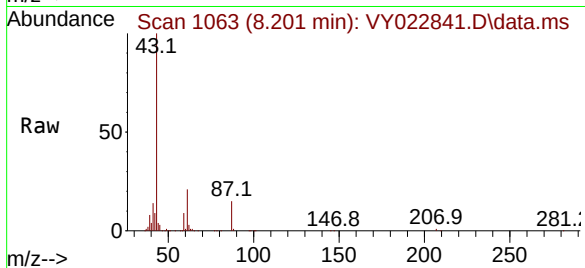
Tgt Ion: 43 Resp: 120156

Ion Ratio Lower Upper

43 100

61 21.7 15.6 23.4

87 14.2 10.2 15.4



#44

Trichloroethene

Concen: 20.373 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022841.D

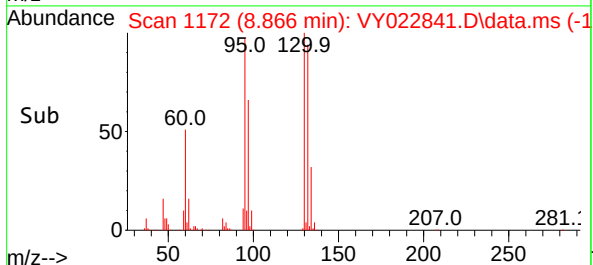
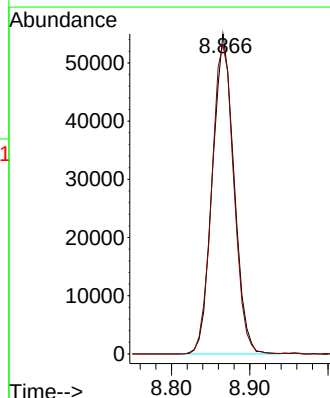
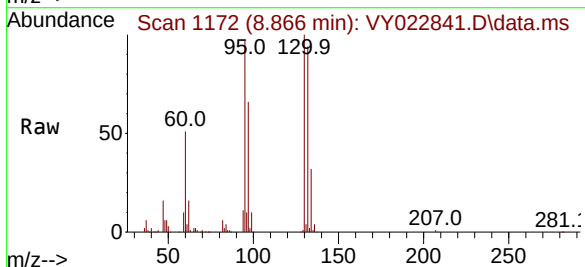
Acq: 26 Jun 2025 11:32

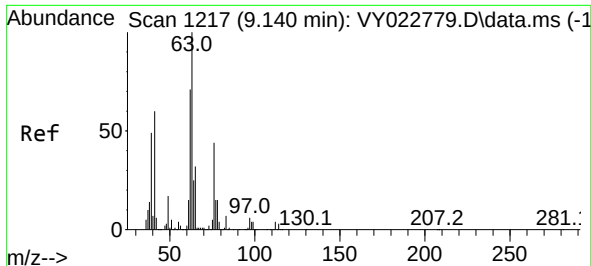
Tgt Ion:130 Resp: 105203

Ion Ratio Lower Upper

130 100

95 96.7 0.0 203.0





#45

1,2-Dichloropropane

Concen: 20.066 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

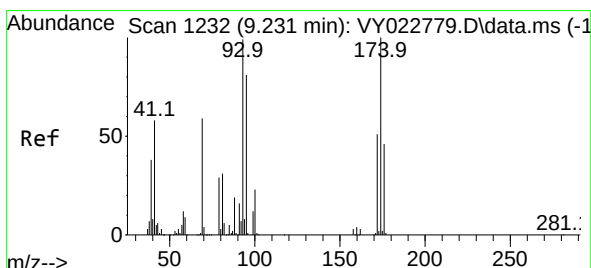
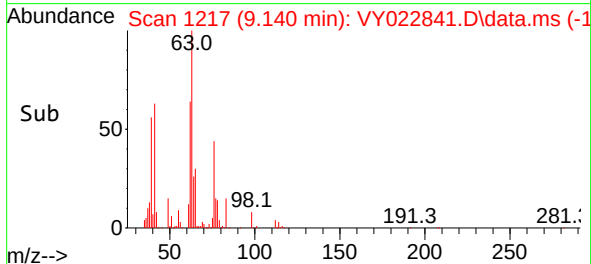
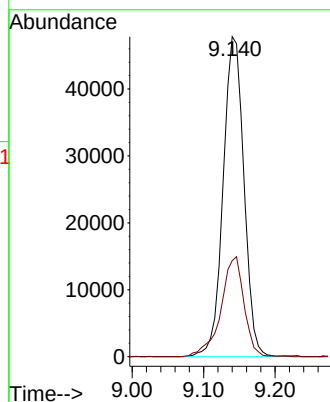
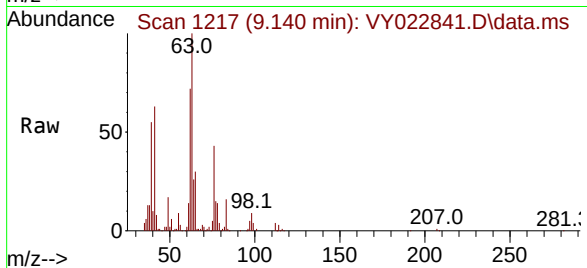
VY0626SBS01

Tgt Ion: 63 Resp: 96590

Ion Ratio Lower Upper

63 100

65 30.0 24.0 36.0



#46

Dibromomethane

Concen: 20.009 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

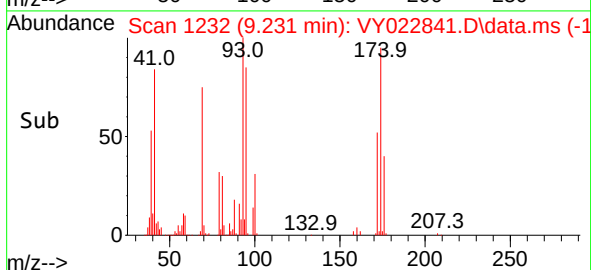
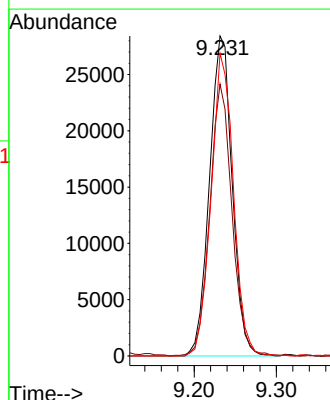
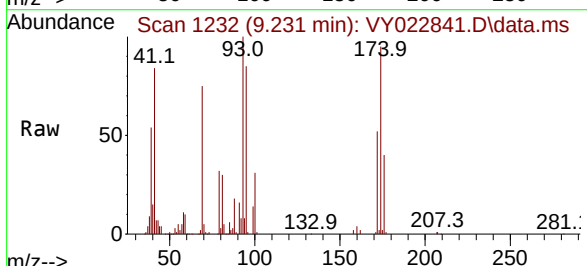
Tgt Ion: 93 Resp: 54676

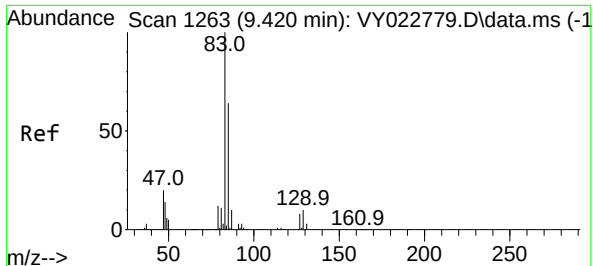
Ion Ratio Lower Upper

93 100

95 82.9 65.6 98.4

174 92.7 70.4 105.6

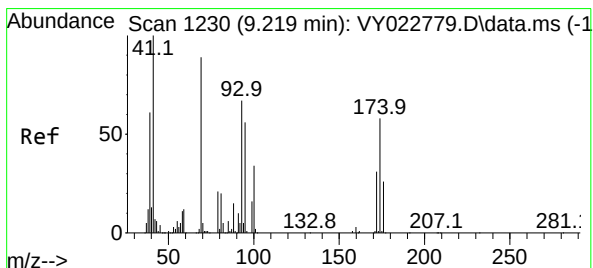
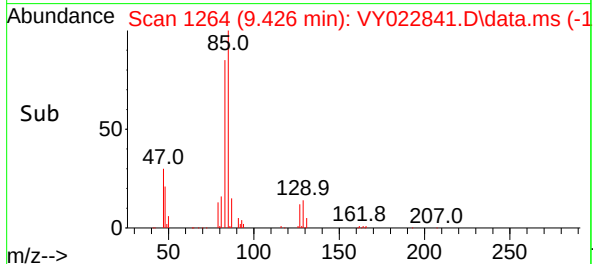
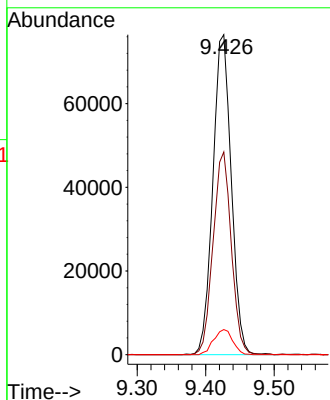
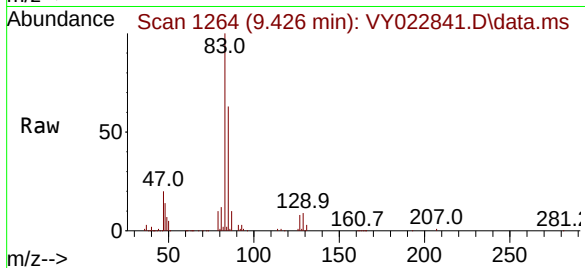




#47  
Bromodichloromethane  
Concen: 20.243 ug/l  
RT: 9.426 min Scan# 1263  
Delta R.T. -0.000 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

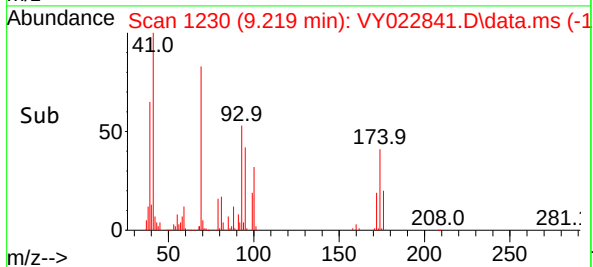
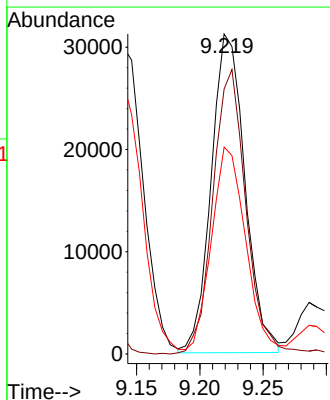
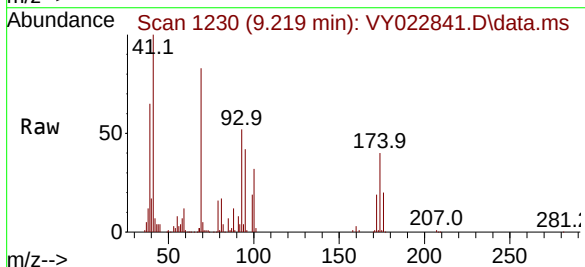
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBSD01

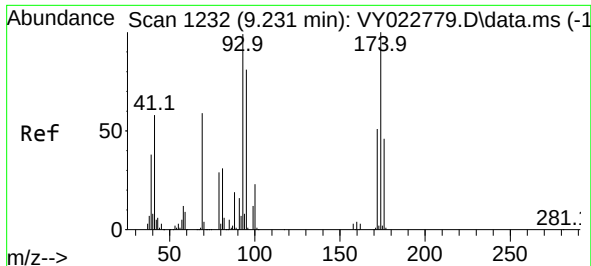
Tgt Ion: 83 Resp: 142643  
Ion Ratio Lower Upper  
83 100  
85 63.3 49.1 73.7  
127 7.8 6.2 9.4



#48  
Methyl methacrylate  
Concen: 20.084 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 41 Resp: 57925  
Ion Ratio Lower Upper  
41 100  
69 88.1 67.8 101.8  
39 63.5 55.0 82.4

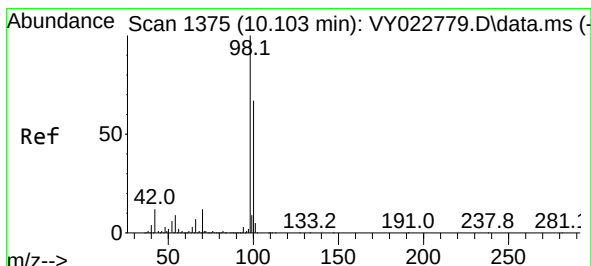
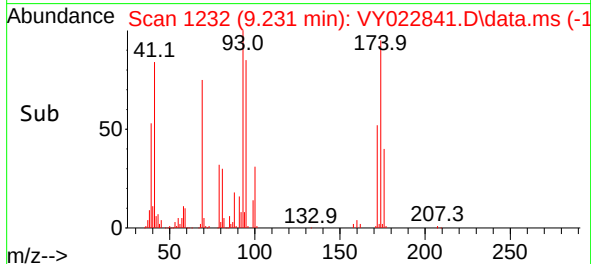
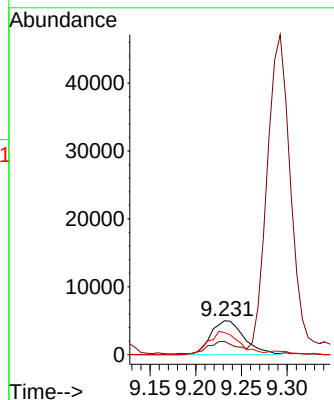
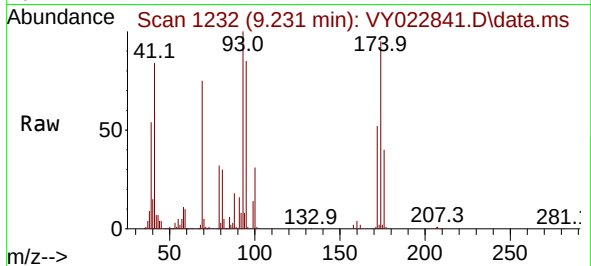




#49  
1,4-Dioxane  
Concen: 395.397 ug/l  
RT: 9.231 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

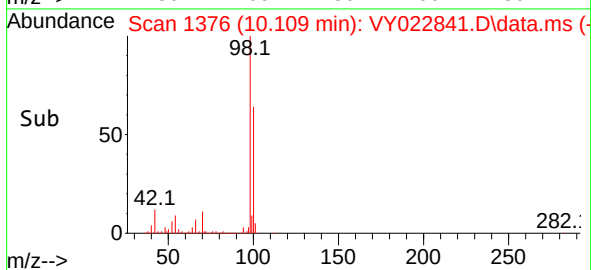
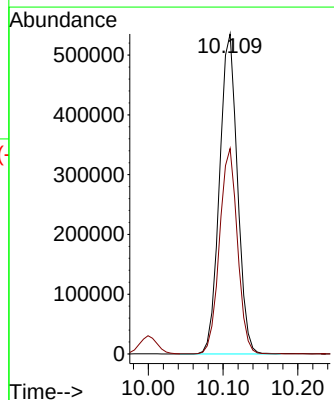
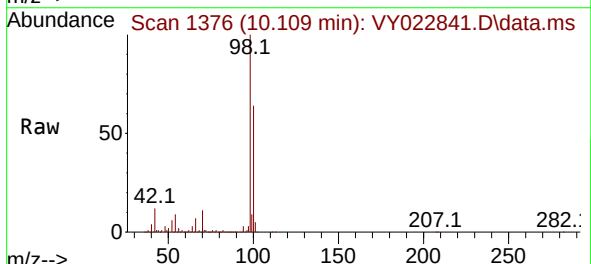
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBS01

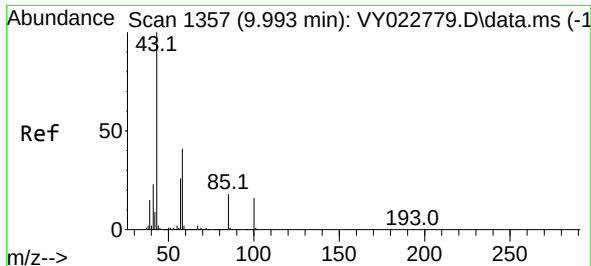
Tgt Ion: 88 Resp: 12765  
Ion Ratio Lower Upper  
88 100  
43 33.0 25.4 38.2  
58 62.1 54.9 82.3



#50  
Toluene-d8  
Concen: 51.006 ug/l  
RT: 10.109 min Scan# 1376  
Delta R.T. -0.000 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 98 Resp: 893252  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.4 77.0

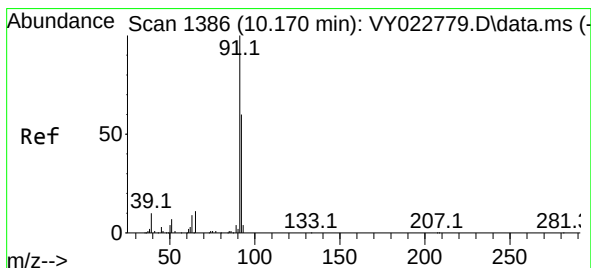
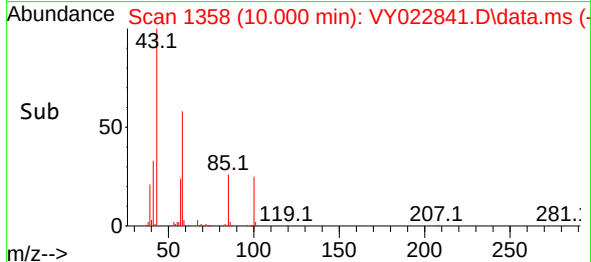
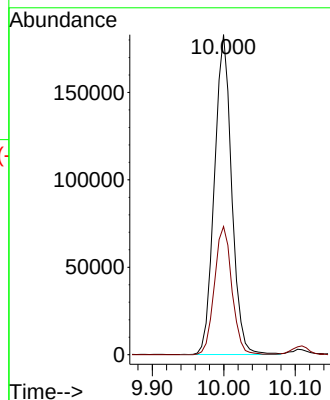
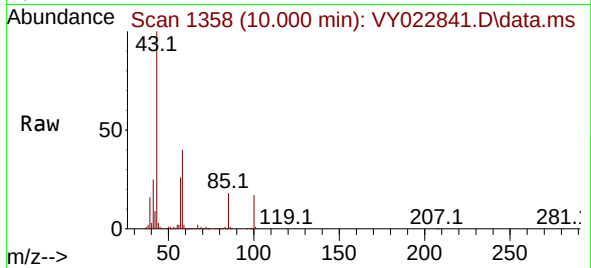




#51  
4-Methyl-2-Pentanone  
Concen: 100.507 ug/l  
RT: 10.000 min Scan# 1357  
Delta R.T. -0.000 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

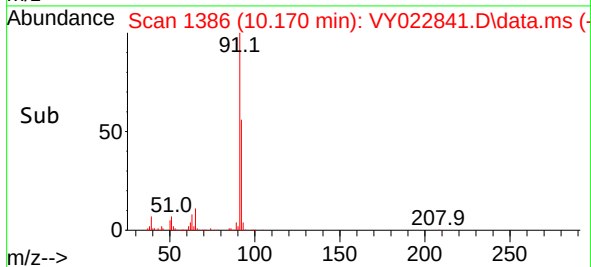
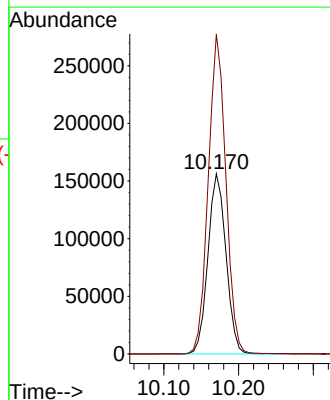
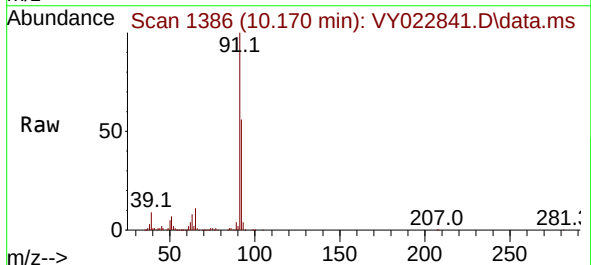
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBS01

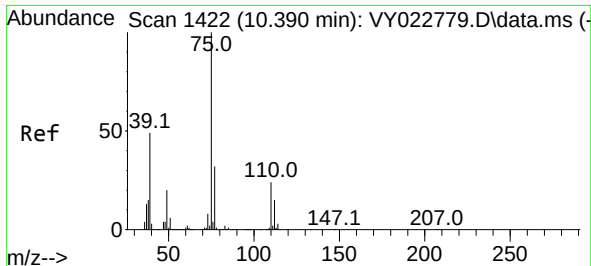
Tgt Ion: 43 Resp: 306425  
Ion Ratio Lower Upper  
43 100  
58 40.6 30.4 45.6



#52  
Toluene  
Concen: 20.131 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 92 Resp: 261214  
Ion Ratio Lower Upper  
92 100  
91 173.5 139.0 208.4

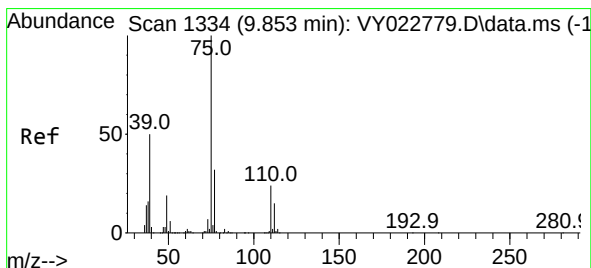
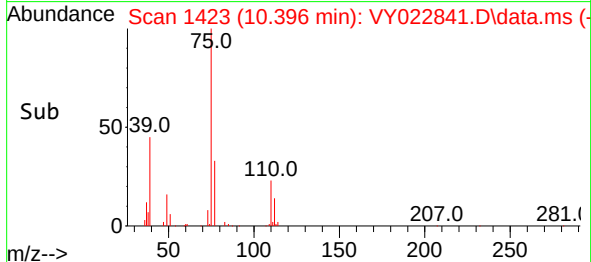
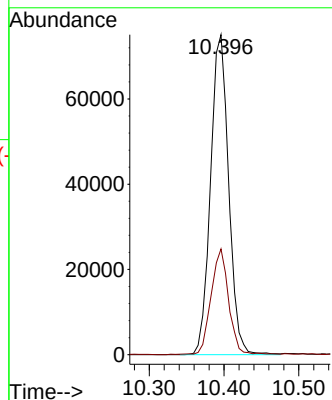
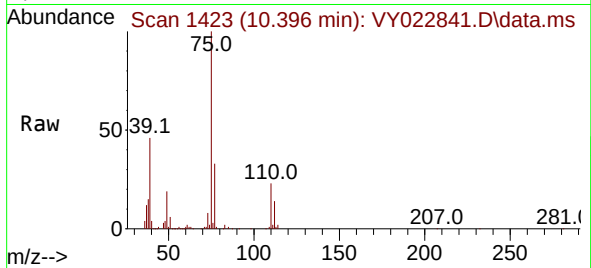




#53  
 t-1,3-Dichloropropene  
 Concen: 19.978 ug/l  
 RT: 10.396 min Scan# 1423  
 Delta R.T. -0.000 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

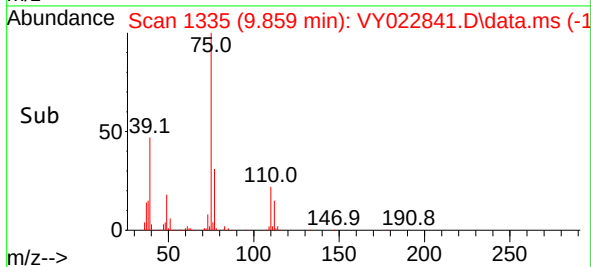
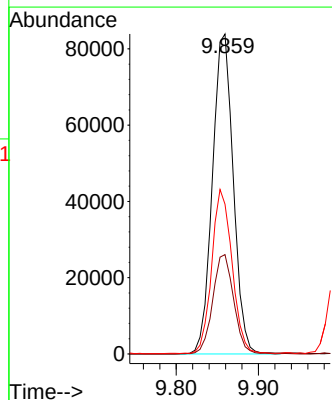
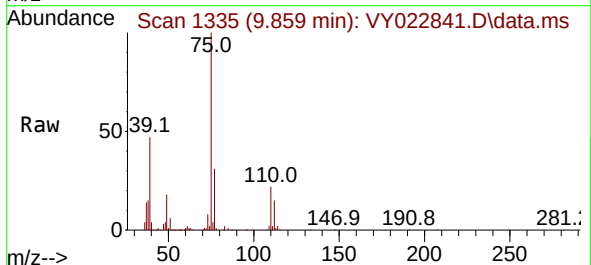
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0626SBSD01

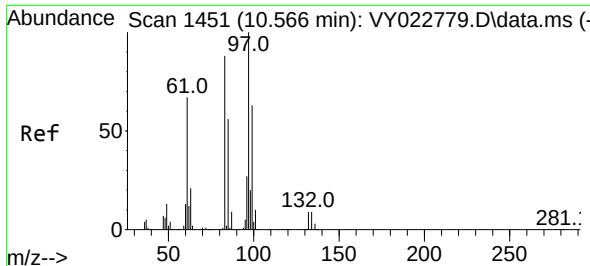
Tgt Ion: 75 Resp: 126660  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 26.5 39.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.114 ug/l  
 RT: 9.859 min Scan# 1335  
 Delta R.T. -0.000 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

Tgt Ion: 75 Resp: 147856  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.3 37.9  
 39 46.7 42.7 64.1

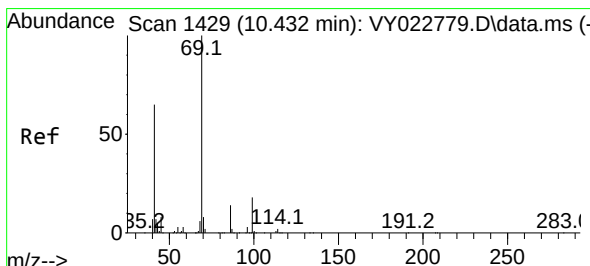
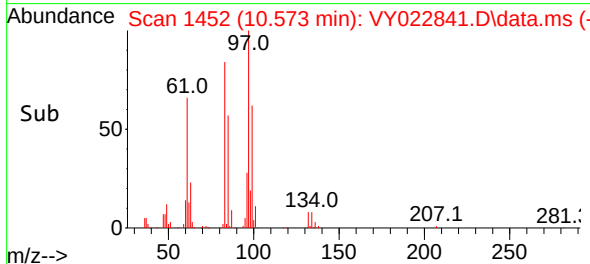
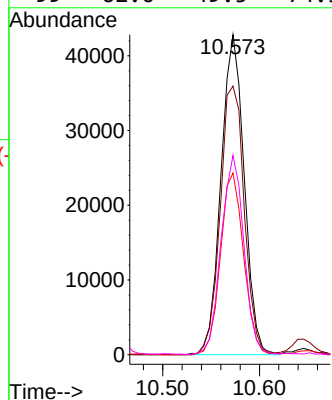
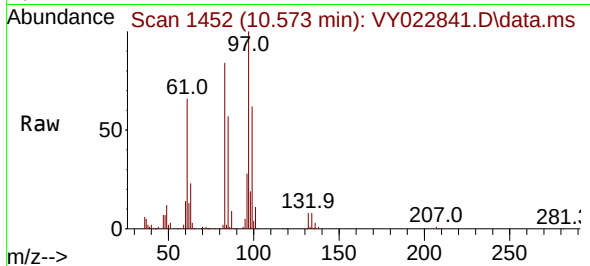




#55  
1,1,2-Trichloroethane  
Concen: 20.147 ug/l  
RT: 10.573 min Scan# 1451  
Delta R.T. -0.000 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

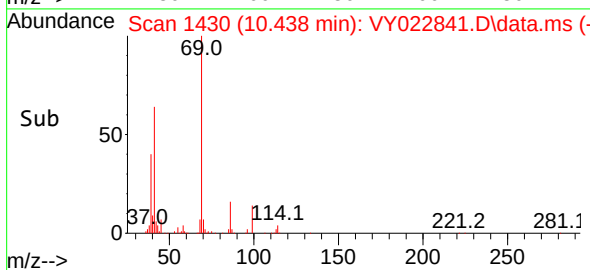
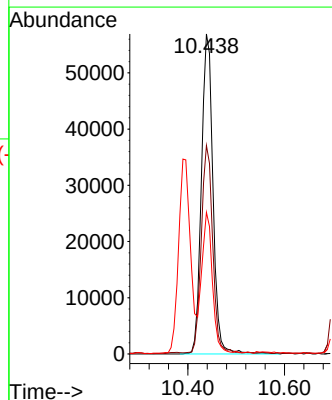
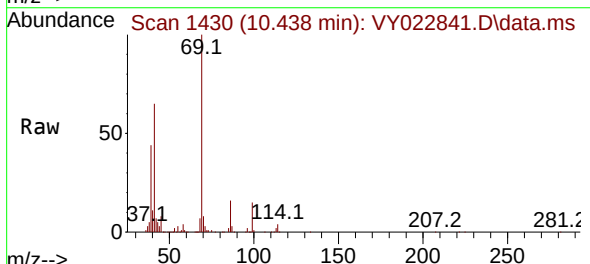
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBS01

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 71287 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 84.0     | 68.1 102.1  |
| 85 56.8     | 48.2 72.2   |
| 99 62.0     | 49.5 74.3   |

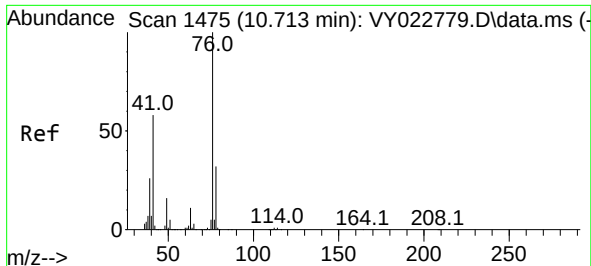


#56  
Ethyl methacrylate  
Concen: 19.827 ug/l  
RT: 10.438 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 94387 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 63.6     | 52.2 78.2   |
| 39 39.2     | 36.7 55.1   |







#57

1,3-Dichloropropane

Concen: 19.827 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

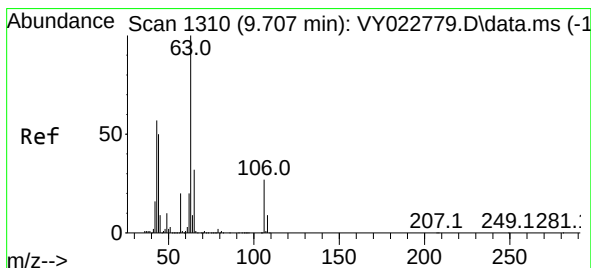
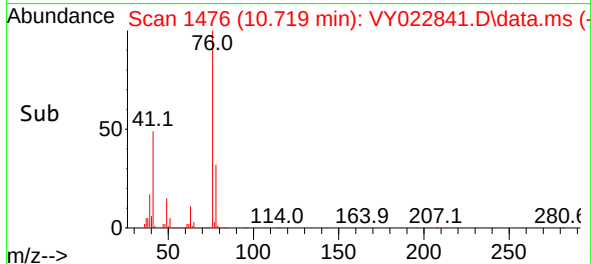
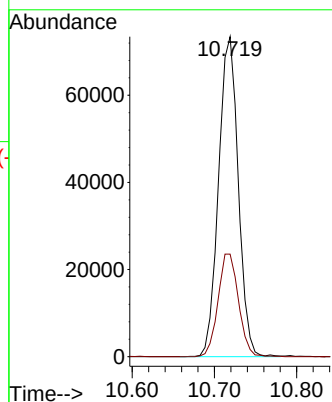
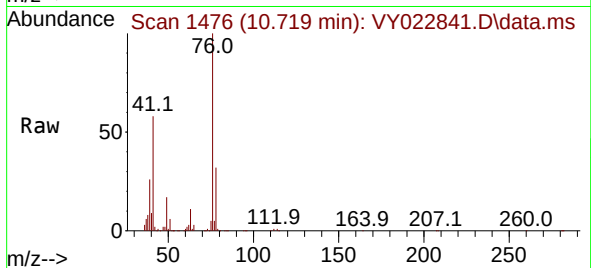
VY0626SBSD01

Tgt Ion: 76 Resp: 122400

Ion Ratio Lower Upper

76 100

78 33.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 103.352 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022841.D

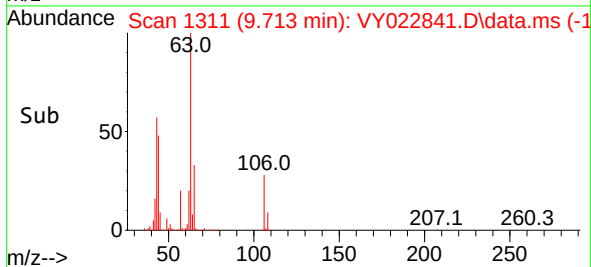
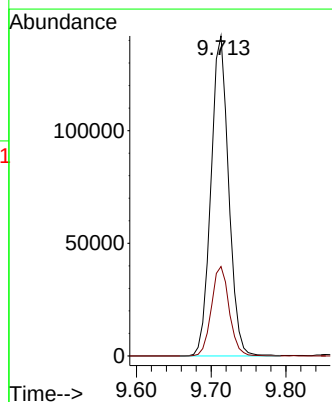
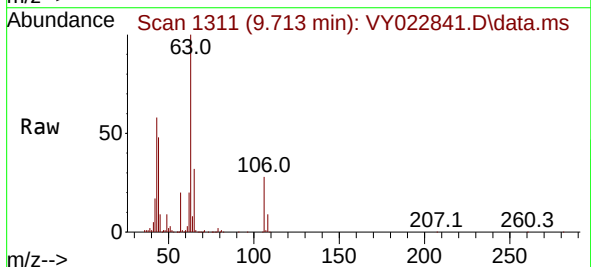
Acq: 26 Jun 2025 11:32

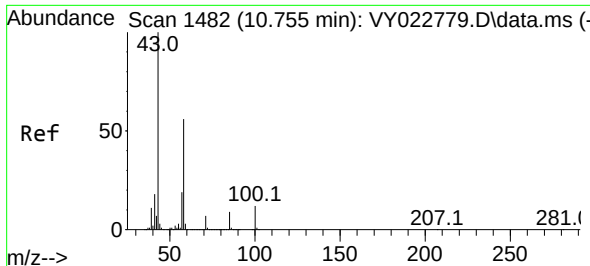
Tgt Ion: 63 Resp: 234078

Ion Ratio Lower Upper

63 100

106 28.0 21.6 32.4

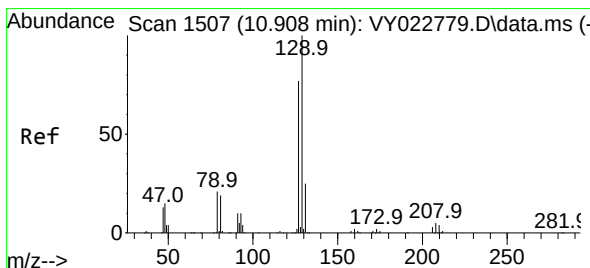
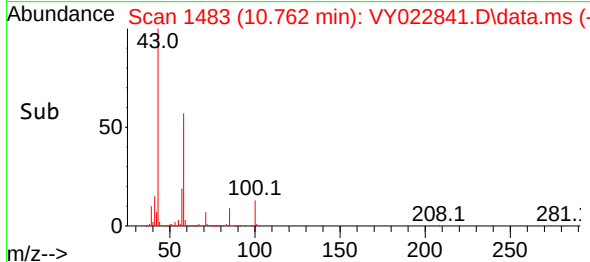
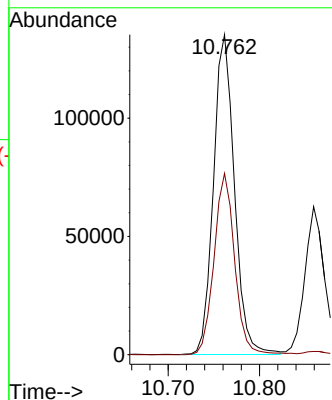
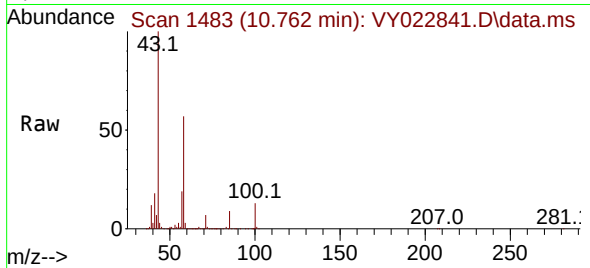




#59  
2-Hexanone  
Concen: 104.017 ug/l  
RT: 10.762 min Scan# 1483  
Delta R.T. -0.000 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

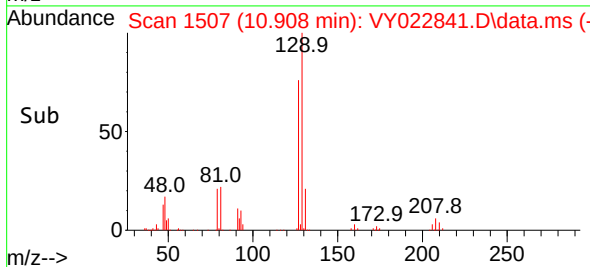
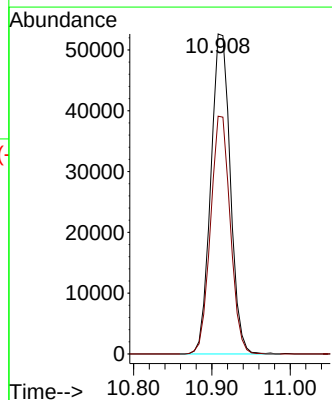
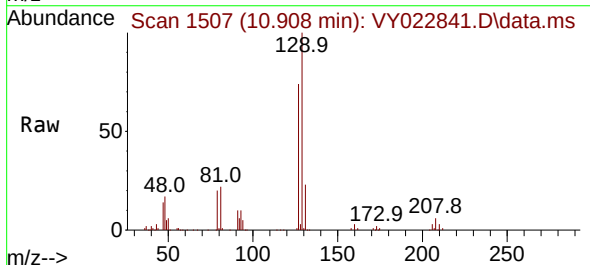
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBS01

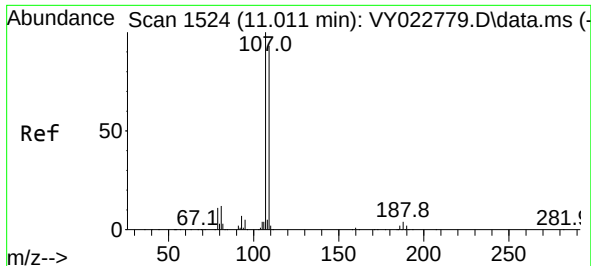
Tgt Ion: 43 Resp: 215607  
Ion Ratio Lower Upper  
43 100  
58 55.9 27.3 81.8



#60  
Dibromochloromethane  
Concen: 19.909 ug/l  
RT: 10.908 min Scan# 1507  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 129 Resp: 90992  
Ion Ratio Lower Upper  
129 100  
127 75.0 39.1 117.2

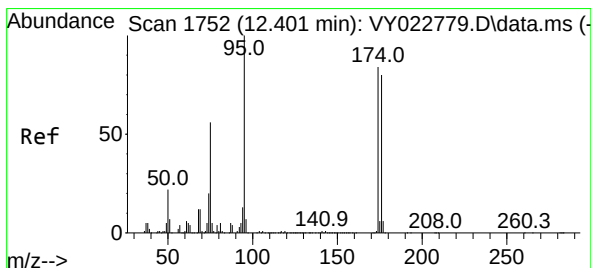
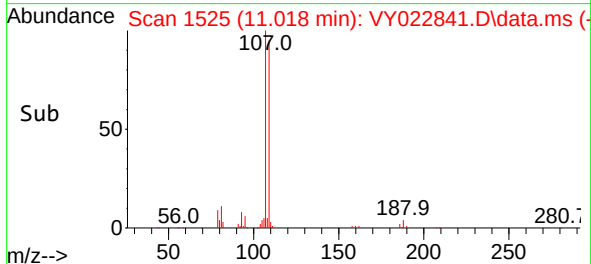
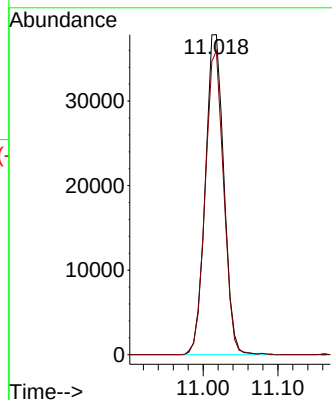
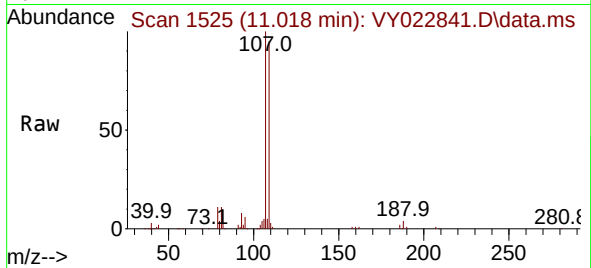




#61  
1,2-Dibromoethane  
Concen: 19.693 ug/l  
RT: 11.018 min Scan# 1524  
Delta R.T. -0.000 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

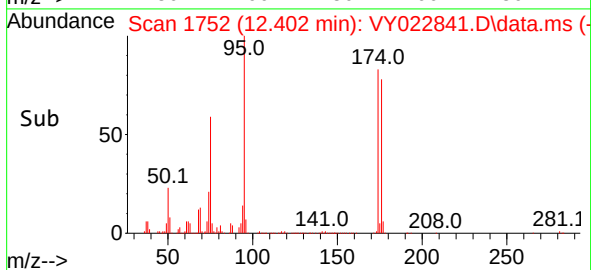
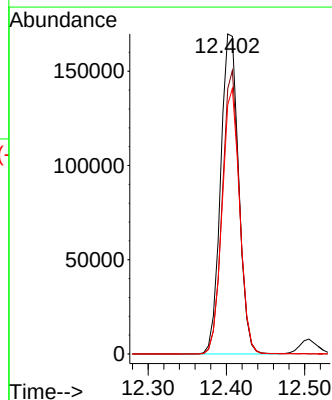
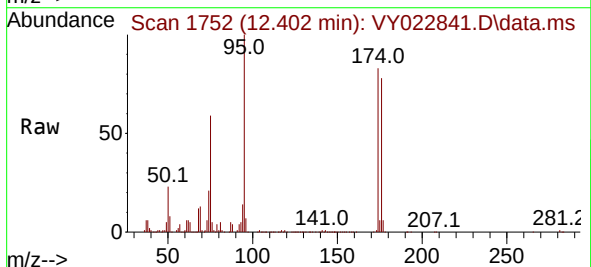
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBSD01

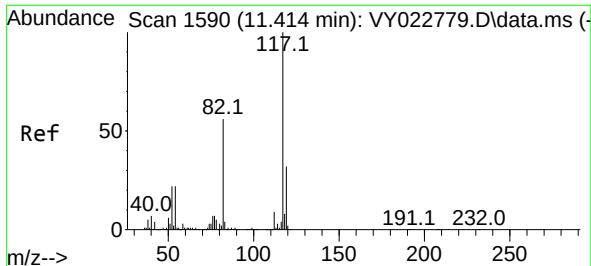
Tgt Ion:107 Resp: 65204  
Ion Ratio Lower Upper  
107 100  
109 94.0 77.7 116.5



#62  
4-Bromofluorobenzene  
Concen: 48.368 ug/l  
RT: 12.402 min Scan# 1752  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 95 Resp: 272299  
Ion Ratio Lower Upper  
95 100  
174 84.2 0.0 170.0  
176 80.8 0.0 166.2

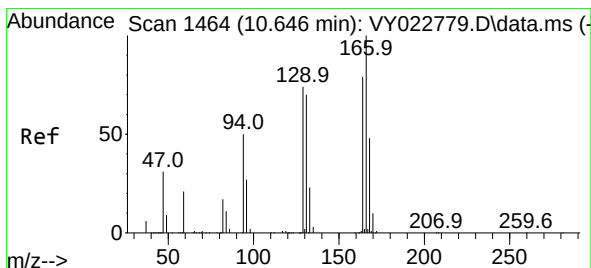
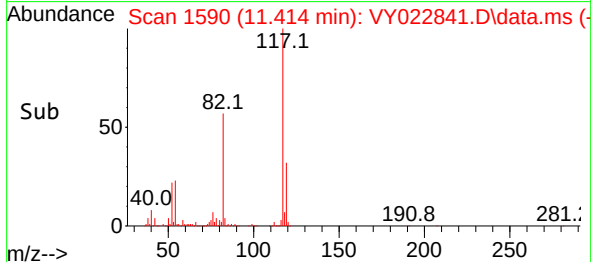
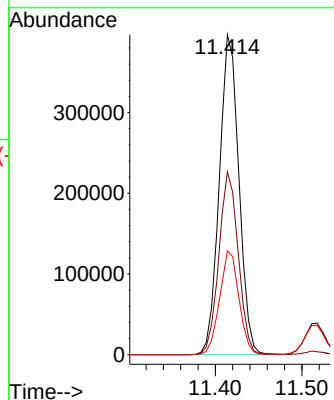
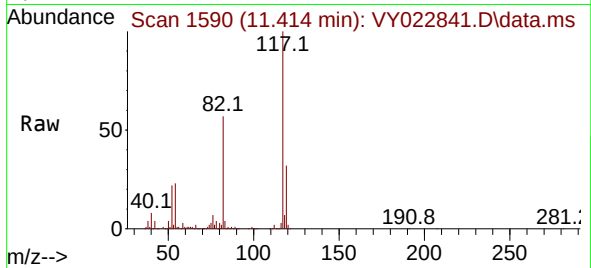




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.414 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

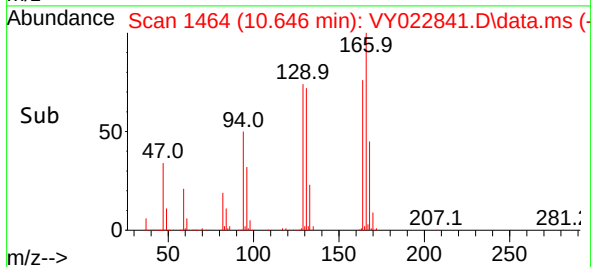
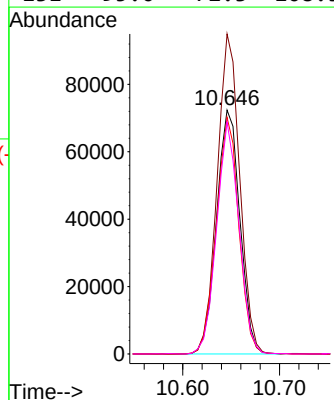
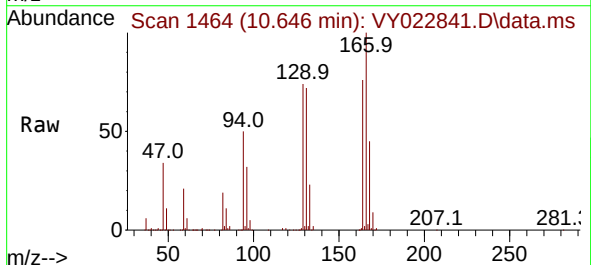
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBSD01

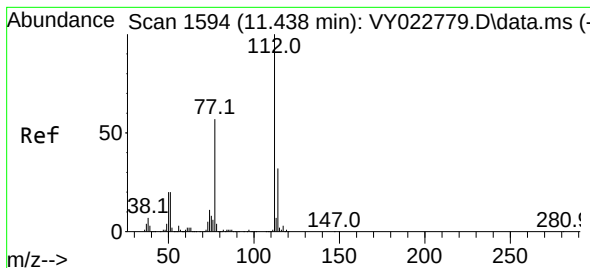
Tgt Ion:117 Resp: 622886  
Ion Ratio Lower Upper  
117 100  
82 57.2 44.6 66.8  
119 32.4 25.4 38.0



#64  
Tetrachloroethene  
Concen: 20.653 ug/l  
RT: 10.646 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion:164 Resp: 121528  
Ion Ratio Lower Upper  
164 100  
166 131.2 104.0 156.0  
129 96.9 74.5 111.7  
131 95.0 72.3 108.5





#65

Chlorobenzene

Concen: 20.231 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

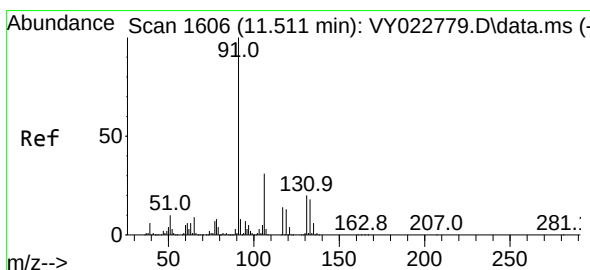
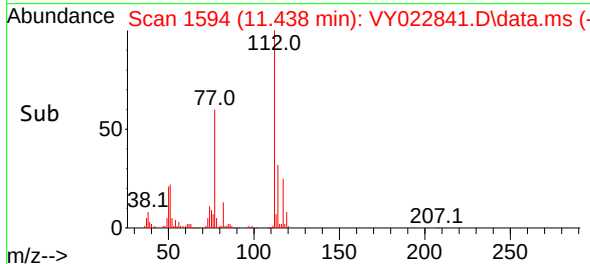
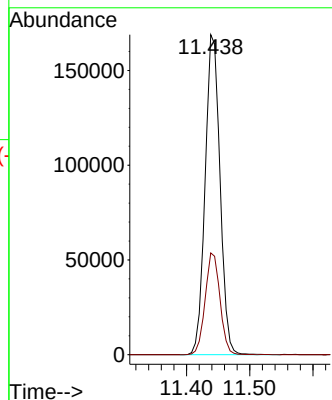
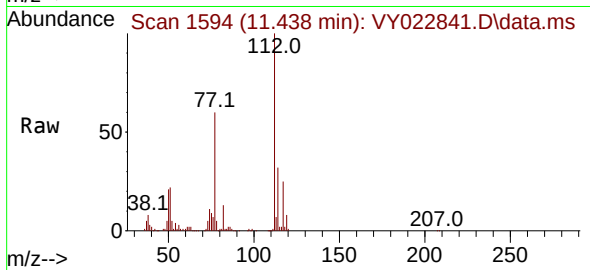
VY0626SBSD01

Tgt Ion:112 Resp: 276891

Ion Ratio Lower Upper

112 100

114 31.8 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.791 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

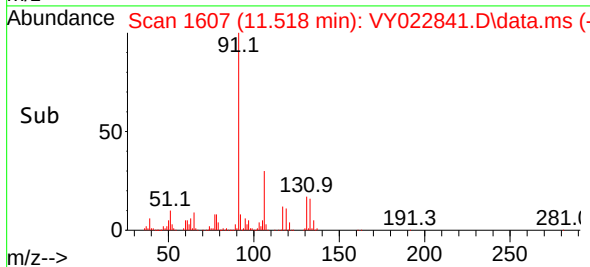
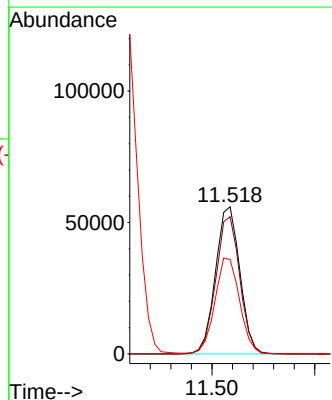
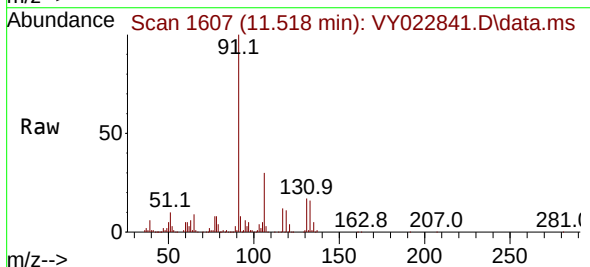
Tgt Ion:131 Resp: 91745

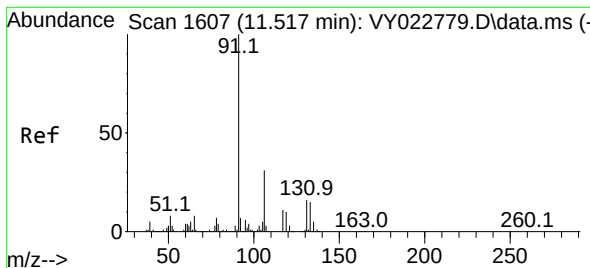
Ion Ratio Lower Upper

131 100

133 92.8 47.3 141.8

119 66.5 33.1 99.3





#67

Ethyl Benzene

Concen: 20.244 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

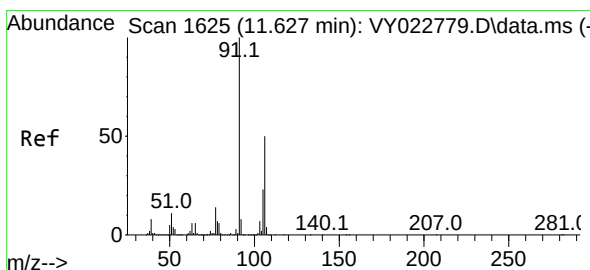
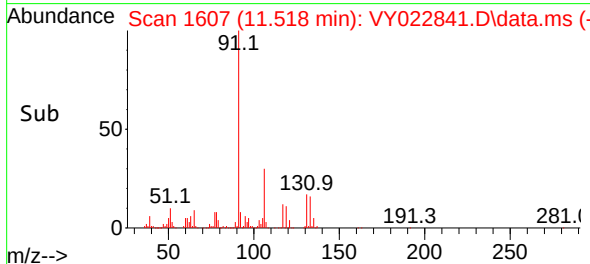
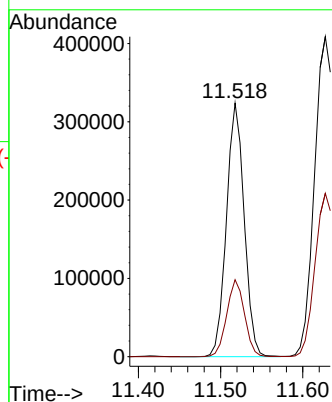
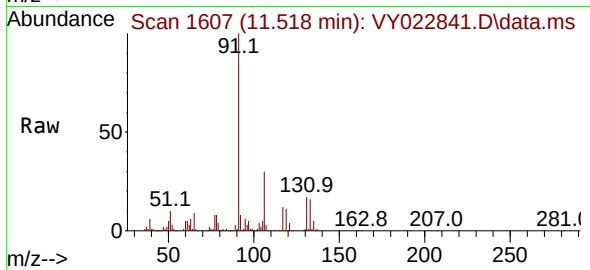
VY0626SBS01

Tgt Ion: 91 Resp: 486832

Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.4



#68

m/p-Xylenes

Concen: 39.931 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022841.D

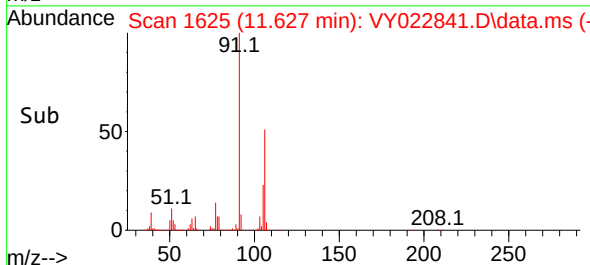
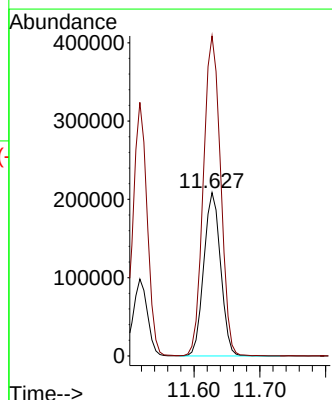
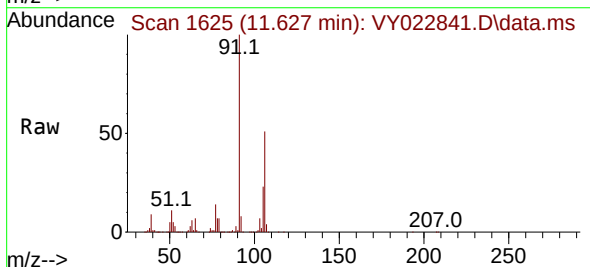
Acq: 26 Jun 2025 11:32

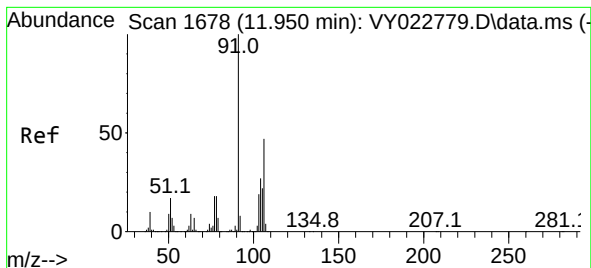
Tgt Ion:106 Resp: 371196

Ion Ratio Lower Upper

106 100

91 200.4 159.4 239.0

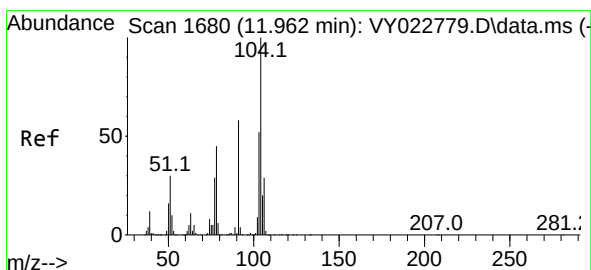
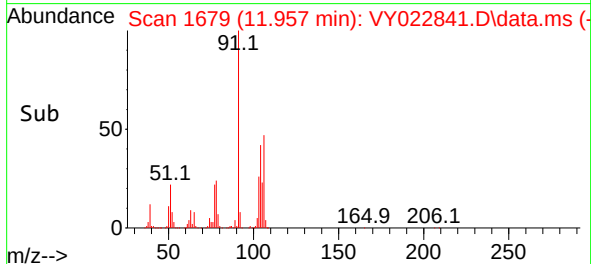
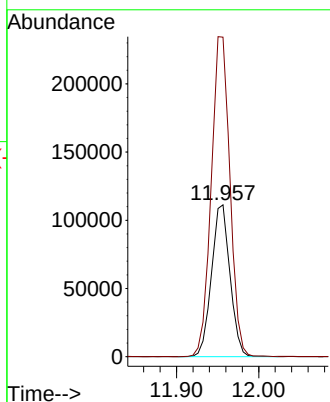
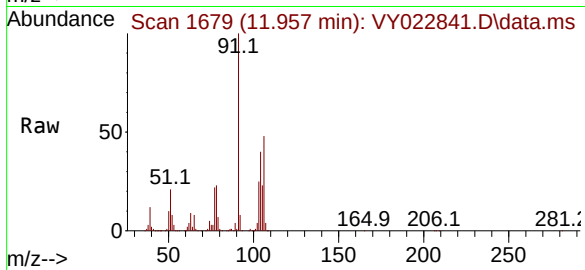




#69  
o-Xylene  
Concen: 19.837 ug/l  
RT: 11.957 min Scan# 1679  
Delta R.T. -0.000 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

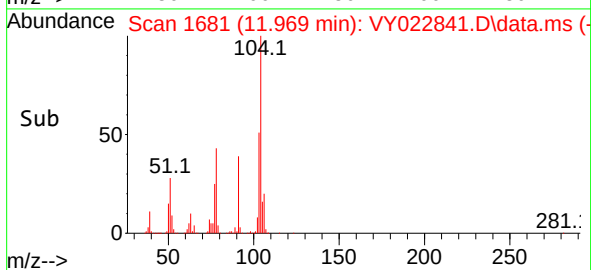
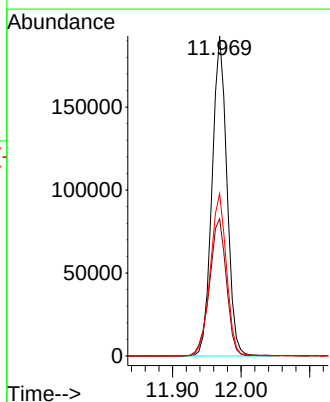
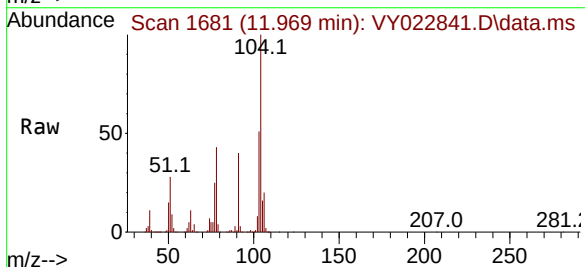
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBS01

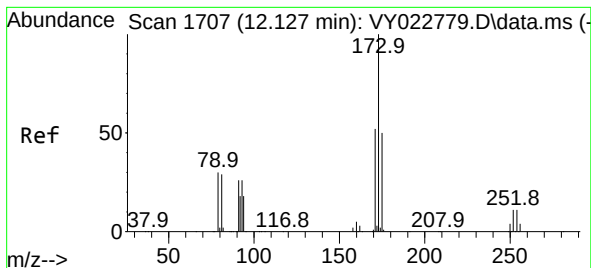
Tgt Ion:106 Resp: 173753  
Ion Ratio Lower Upper  
106 100  
91 213.5 105.8 317.3



#70  
Styrene  
Concen: 19.810 ug/l  
RT: 11.969 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion:104 Resp: 290652  
Ion Ratio Lower Upper  
104 100  
78 48.5 39.5 59.3  
103 55.0 44.1 66.1





#71

Bromoform

Concen: 18.704 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

VY0626SBSD01

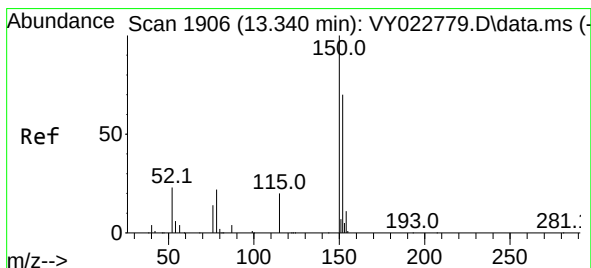
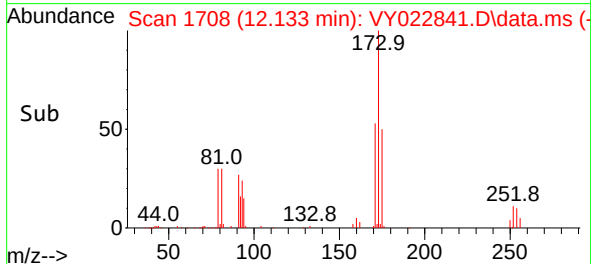
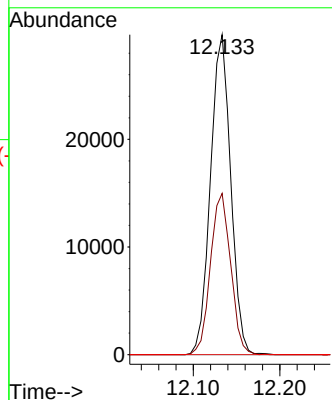
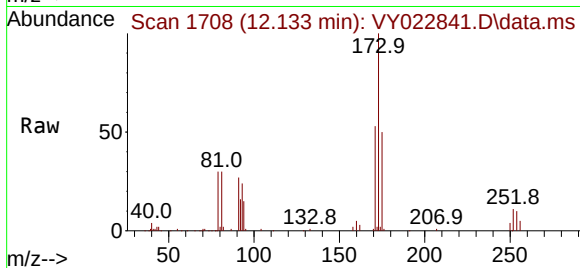
Tgt Ion:173 Resp: 48280

Ion Ratio Lower Upper

173 100

175 50.4 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

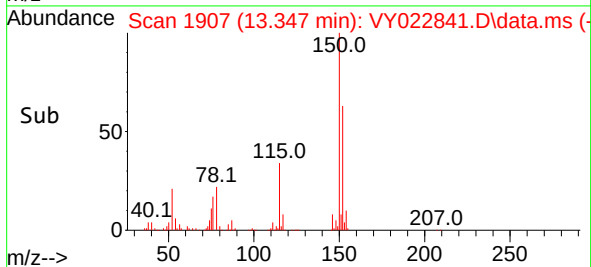
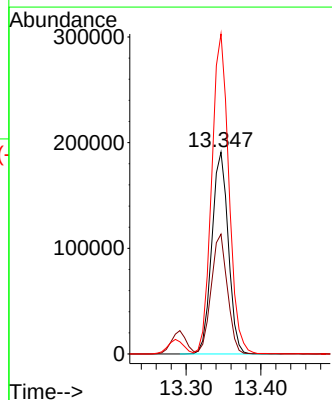
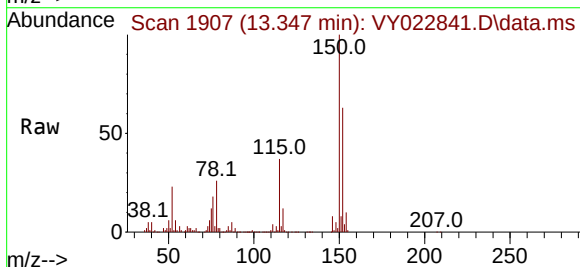
Tgt Ion:152 Resp: 291493

Ion Ratio Lower Upper

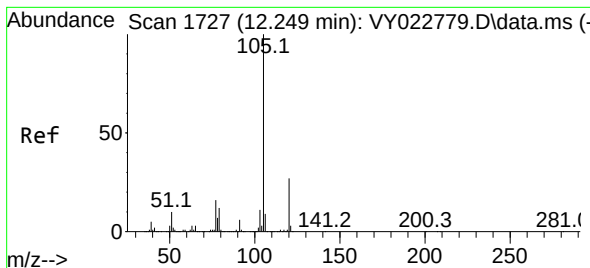
152 100

115 58.3 28.9 86.7

150 165.5 0.0 349.6







#73

Isopropylbenzene

Concen: 21.180 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

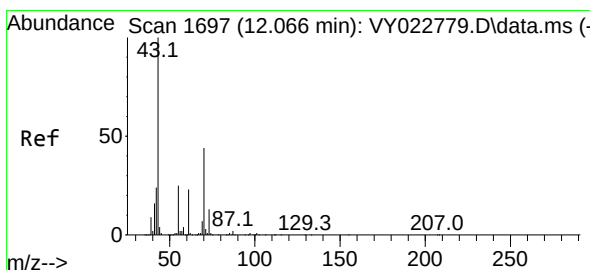
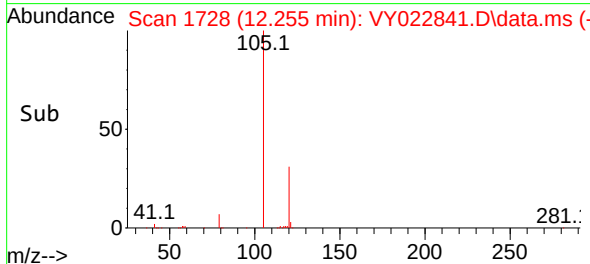
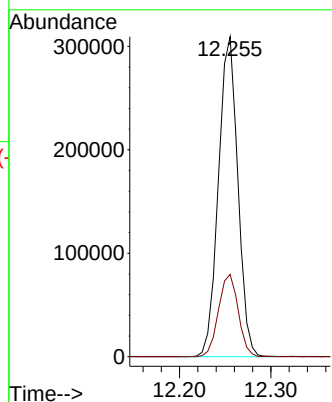
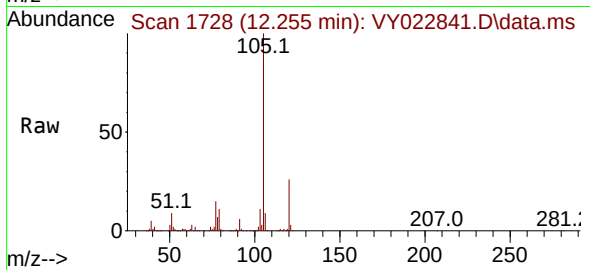
VY0626SBS01

Tgt Ion:105 Resp: 456600

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 21.327 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Tgt Ion: 43 Resp: 103202

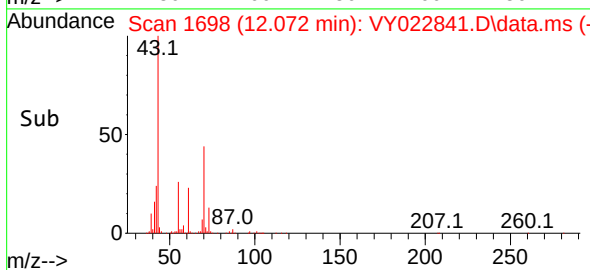
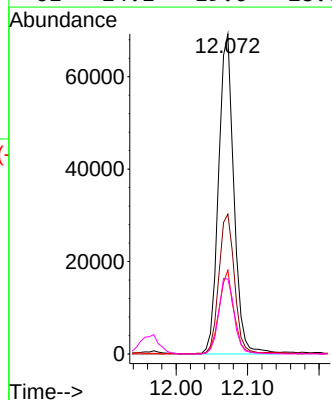
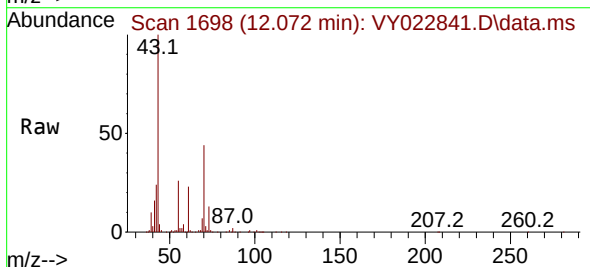
Ion Ratio Lower Upper

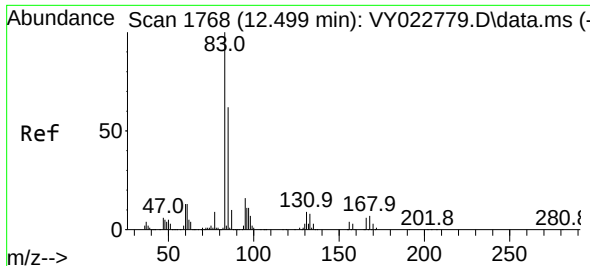
43 100

70 44.5 34.2 51.2

55 25.3 18.2 27.4

61 24.1 19.0 28.6

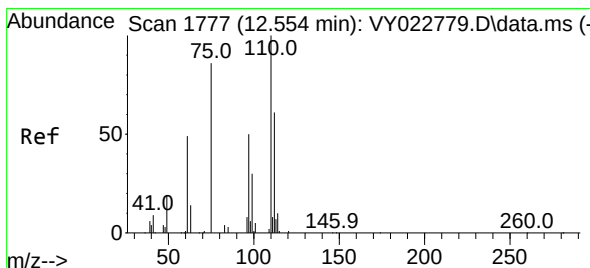
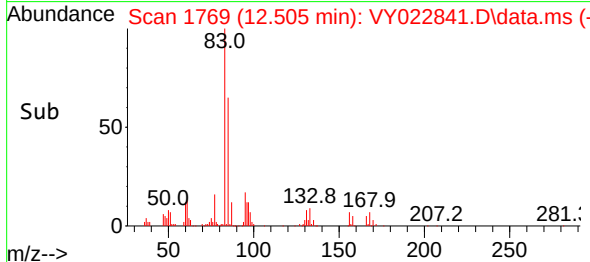
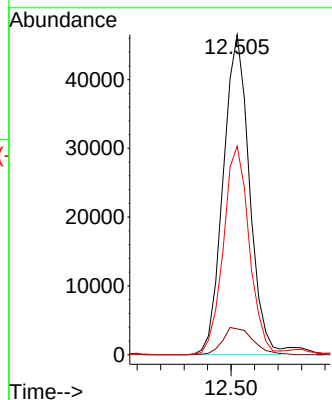
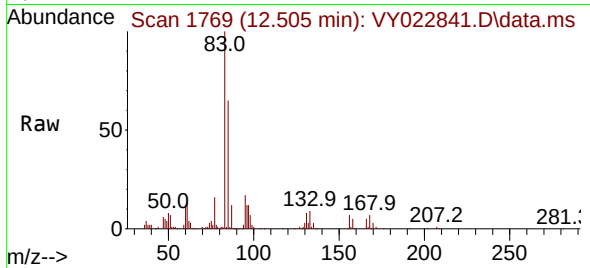




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 20.719 ug/l  
 RT: 12.505 min Scan# 1769  
 Delta R.T. -0.000 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

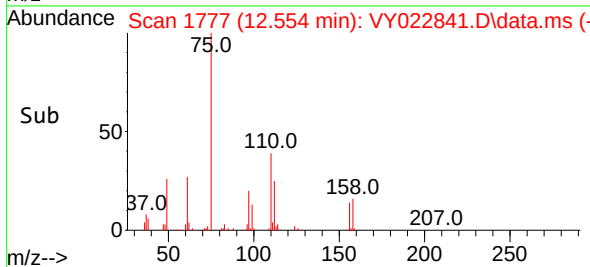
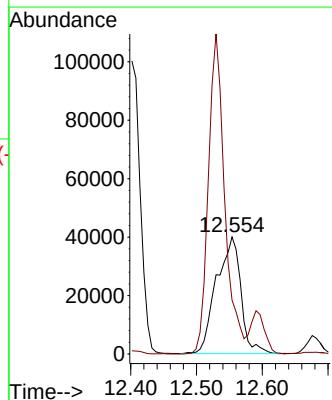
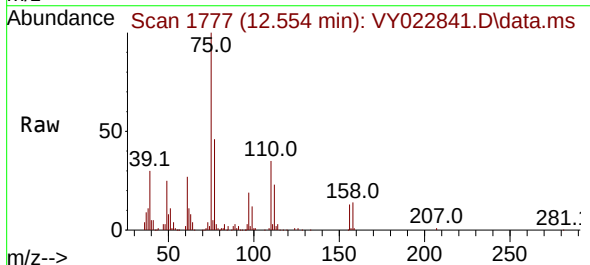
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0626SBS01

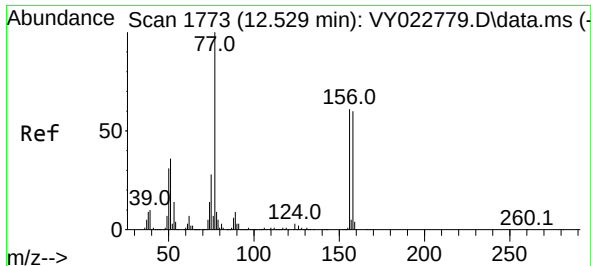
Tgt Ion: 83 Resp: 71988  
 Ion Ratio Lower Upper  
 83 100  
 131 9.8 4.9 14.7  
 85 64.6 32.6 97.8



#76  
 1,2,3-Trichloropropane  
 Concen: 34.726 ug/l  
 RT: 12.554 min Scan# 1777  
 Delta R.T. -0.000 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

Tgt Ion: 75 Resp: 103342  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

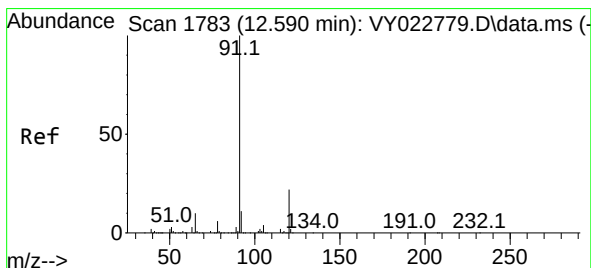
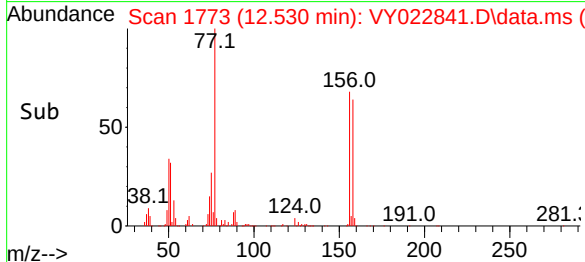
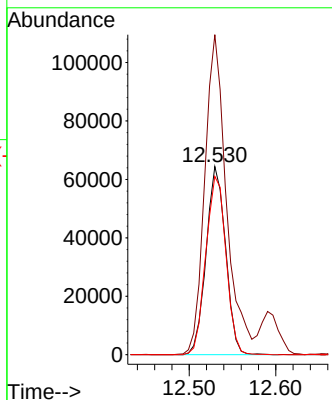
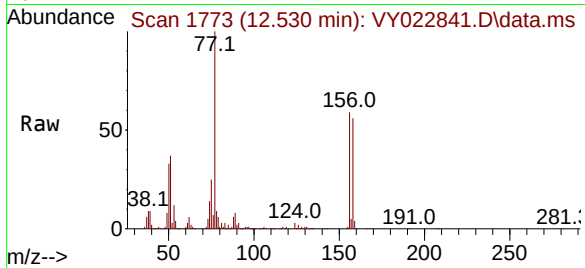




#77  
Bromobenzene  
Concen: 20.612 ug/l  
RT: 12.530 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

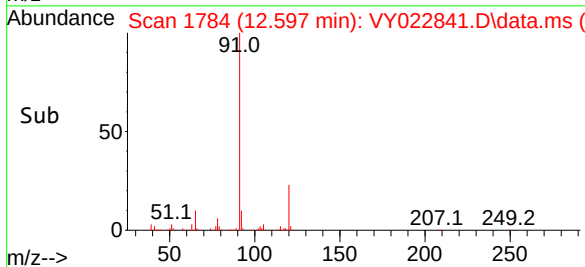
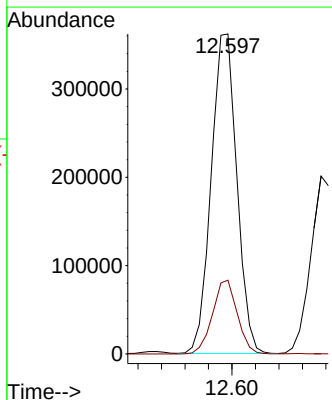
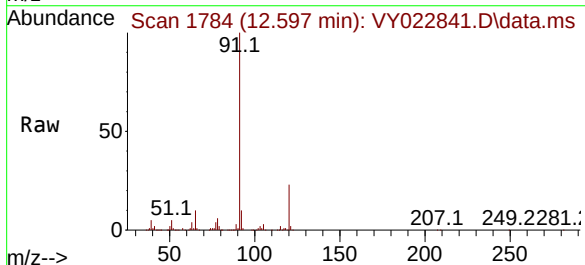
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBSD01

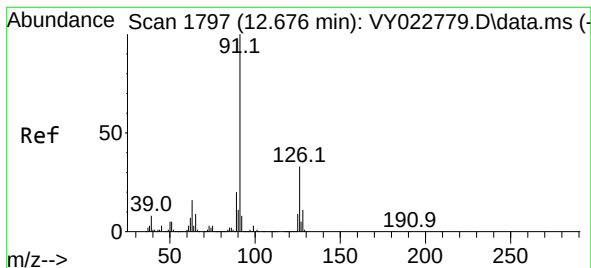
Tgt Ion:156 Resp: 100718  
Ion Ratio Lower Upper  
156 100  
77 188.6 94.0 282.1  
158 98.1 48.2 144.6



#78  
n-propylbenzene  
Concen: 21.113 ug/l  
RT: 12.597 min Scan# 1784  
Delta R.T. -0.000 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 91 Resp: 549537  
Ion Ratio Lower Upper  
91 100  
120 22.3 10.8 32.4

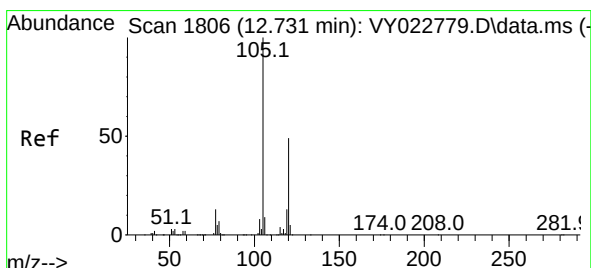
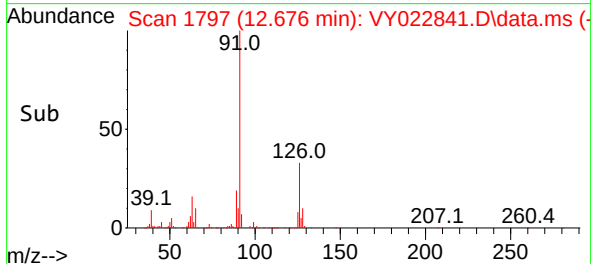
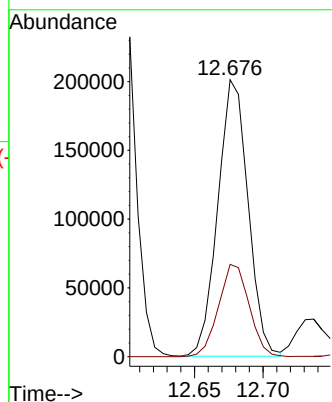
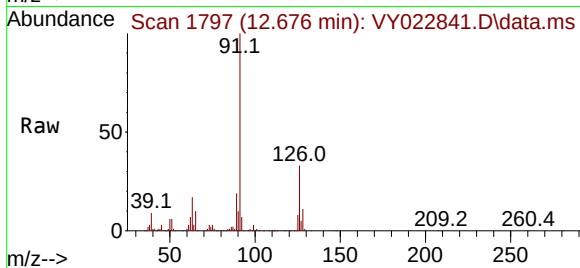




#79  
2-Chlorotoluene  
Concen: 21.011 ug/l  
RT: 12.676 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

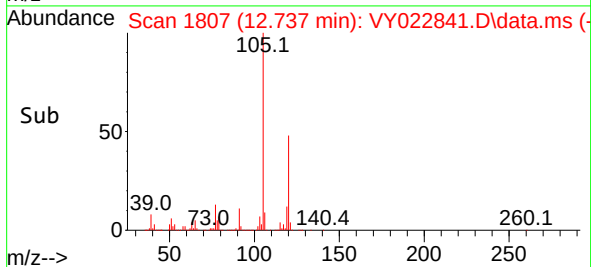
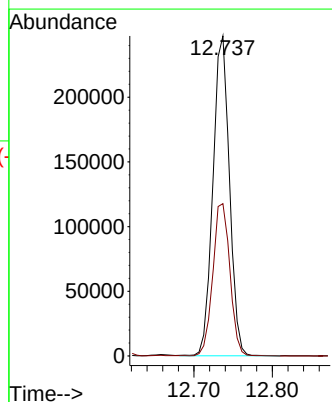
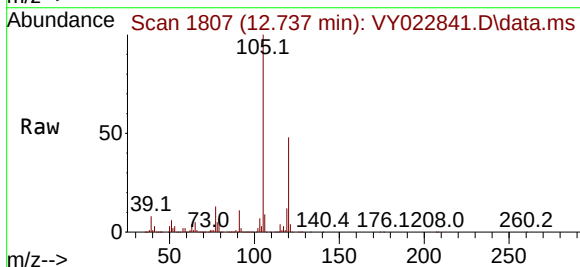
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0626SBSD01

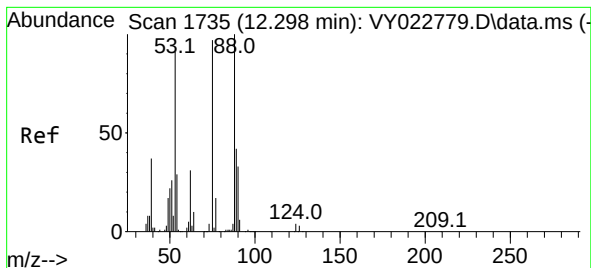
Tgt Ion: 91 Resp: 308974  
Ion Ratio Lower Upper  
91 100  
126 33.8 17.0 51.0



#80  
1,3,5-Trimethylbenzene  
Concen: 20.771 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VY022841.D  
Acq: 26 Jun 2025 11:32

Tgt Ion: 105 Resp: 361474  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.1 72.4

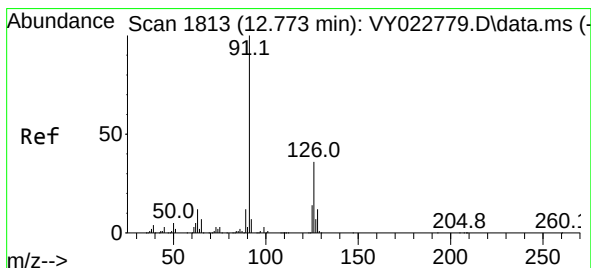
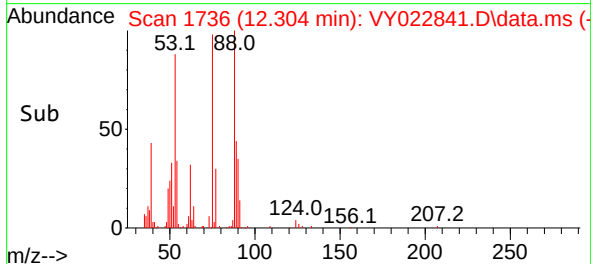
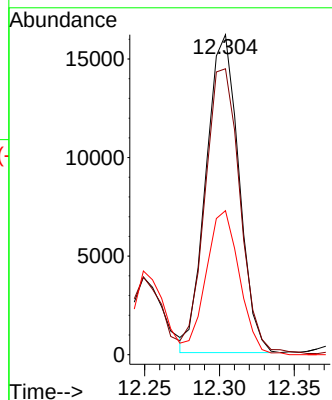
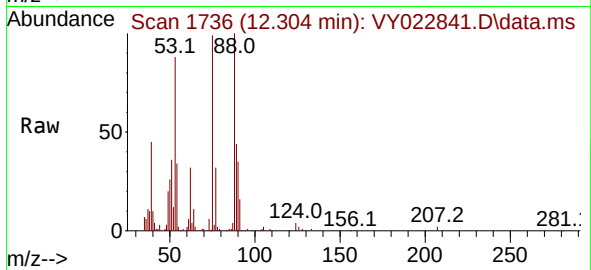




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 20.905 ug/l  
 RT: 12.304 min Scan# 1736  
 Delta R.T. -0.000 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

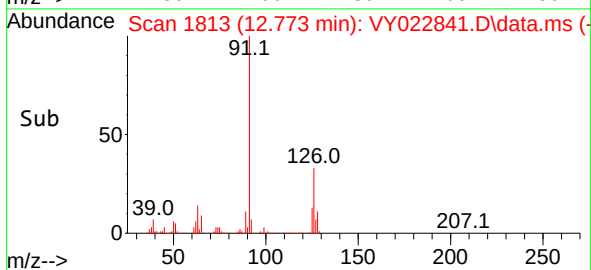
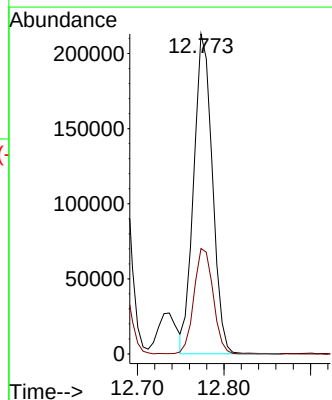
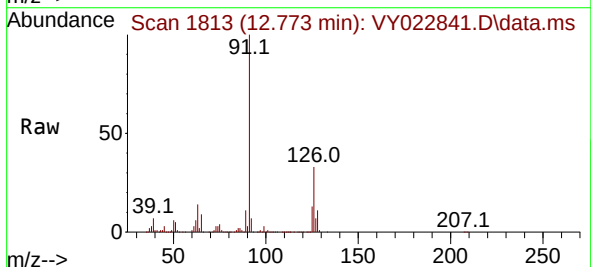
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0626SBSD01

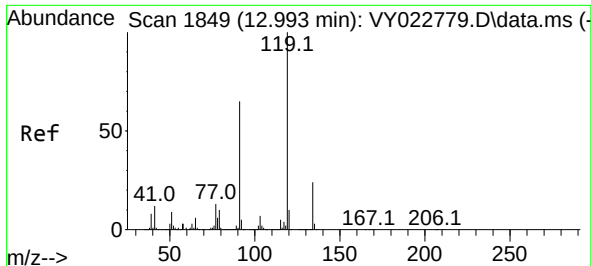
Tgt Ion: 75 Resp: 24625  
 Ion Ratio Lower Upper  
 75 100  
 53 96.8 78.5 117.7  
 89 46.3 35.7 53.5



#82  
 4-Chlorotoluene  
 Concen: 20.593 ug/l  
 RT: 12.773 min Scan# 1813  
 Delta R.T. -0.006 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

Tgt Ion: 91 Resp: 318085  
 Ion Ratio Lower Upper  
 91 100  
 126 34.0 17.0 50.9

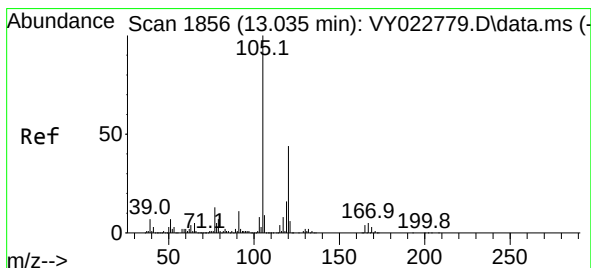
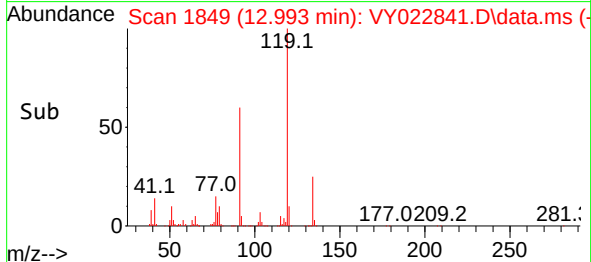
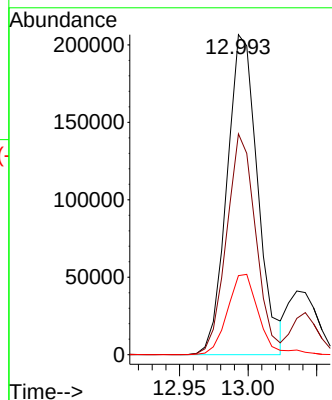
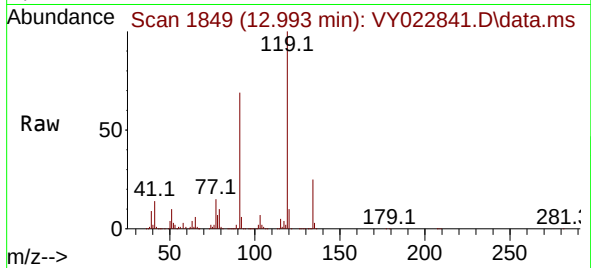




#83  
 tert-Butylbenzene  
 Concen: 21.070 ug/l  
 RT: 12.993 min Scan# 1849  
 Delta R.T. -0.006 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

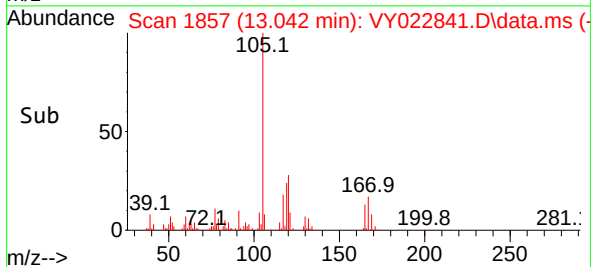
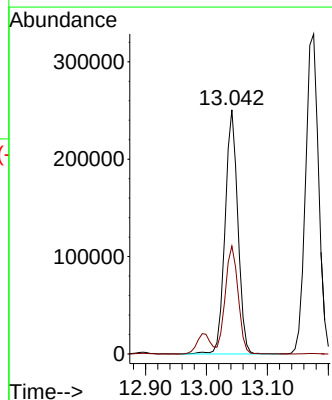
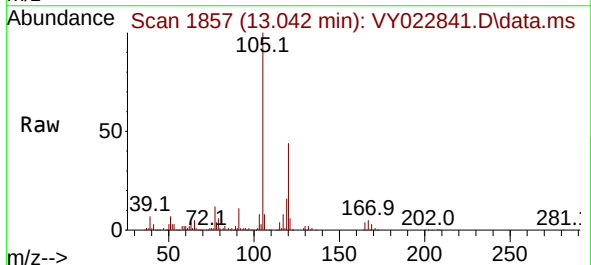
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0626SBSD01

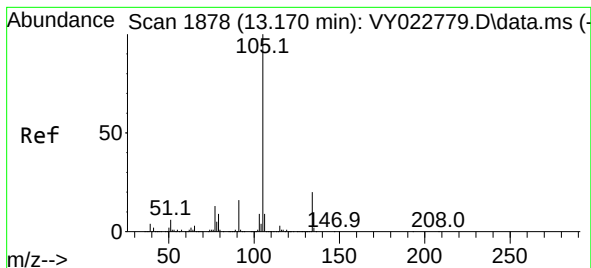
Tgt Ion:119 Resp: 323383  
 Ion Ratio Lower Upper  
 119 100  
 91 65.6 32.1 96.3  
 134 25.6 13.0 38.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.875 ug/l  
 RT: 13.042 min Scan# 1857  
 Delta R.T. -0.000 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

Tgt Ion:105 Resp: 363709  
 Ion Ratio Lower Upper  
 105 100  
 120 44.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.110 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

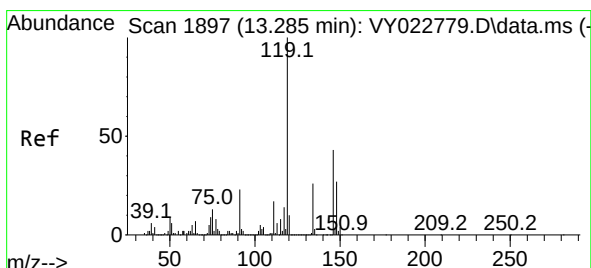
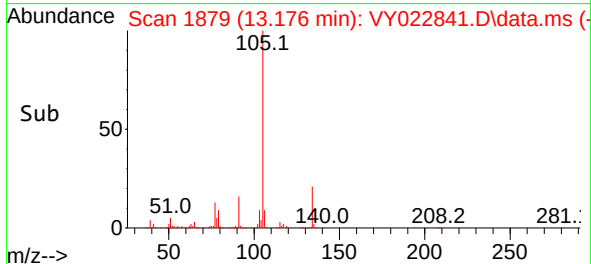
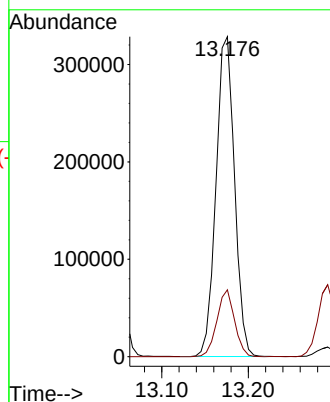
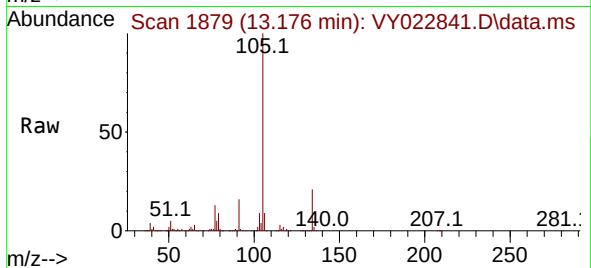
VY0626SBS01

Tgt Ion:105 Resp: 487486

Ion Ratio Lower Upper

105 100

134 19.9 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.610 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

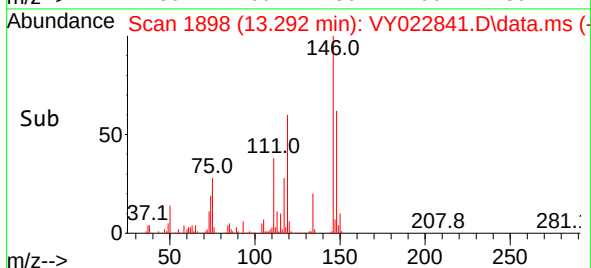
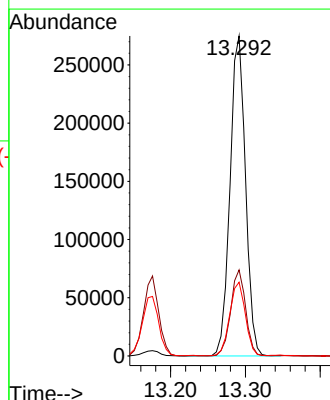
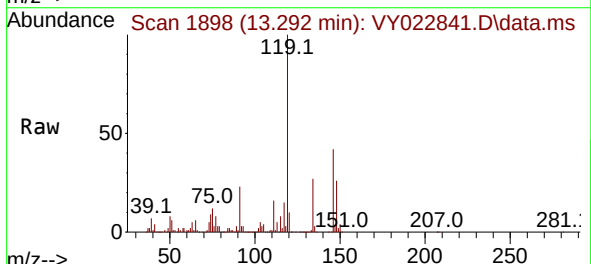
Tgt Ion:119 Resp: 396055

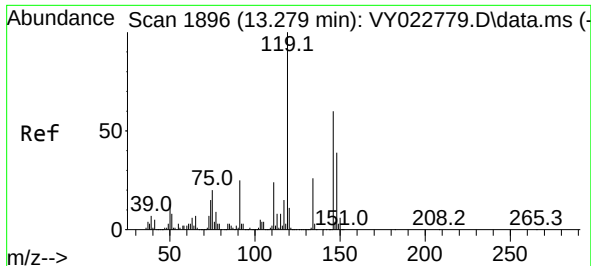
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.3 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.655 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

VY0626SBS01

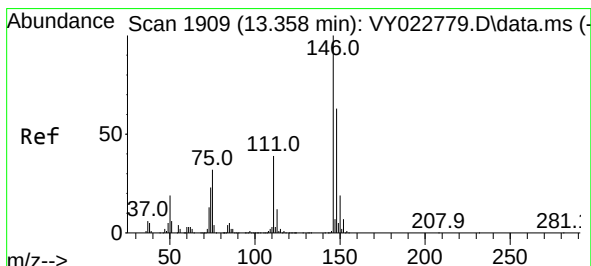
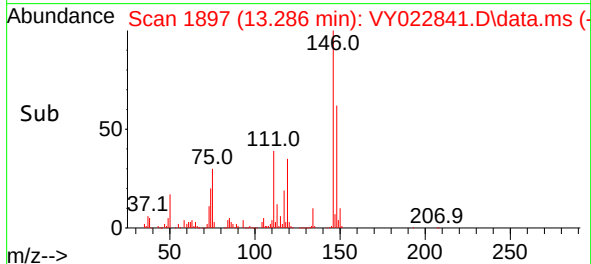
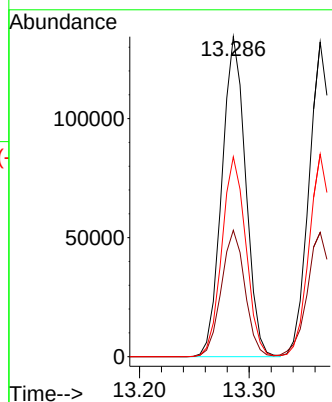
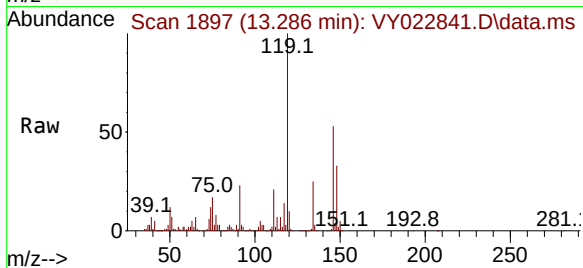
Tgt Ion:146 Resp: 202705

Ion Ratio Lower Upper

146 100

111 39.2 20.1 60.2

148 62.9 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.137 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

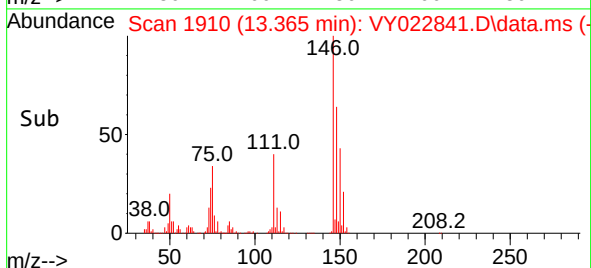
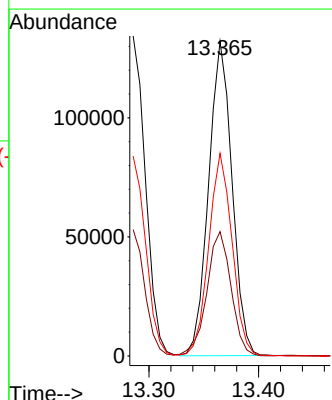
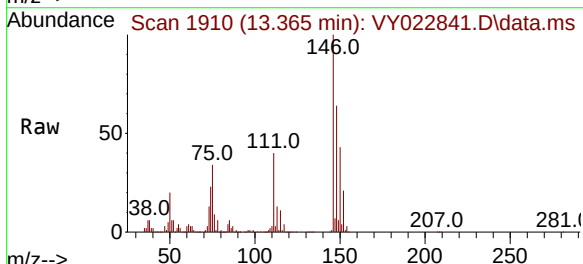
Tgt Ion:146 Resp: 196300

Ion Ratio Lower Upper

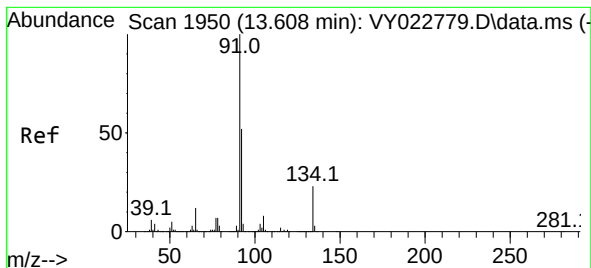
146 100

111 40.8 19.4 58.2

148 64.5 31.6 94.8







#89

n-Butylbenzene

Concen: 20.763 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

VY0626SBS01

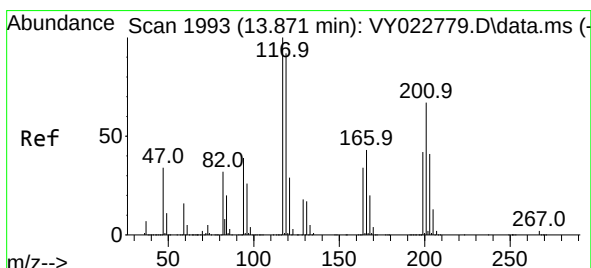
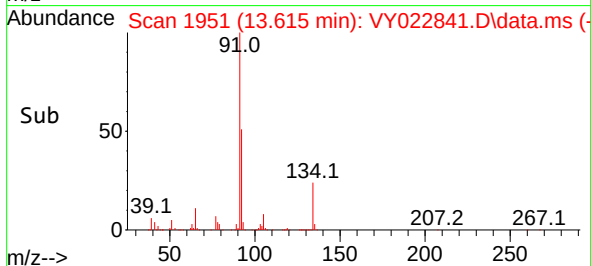
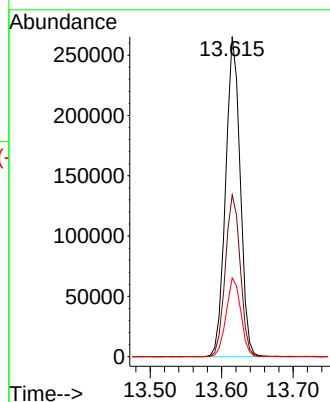
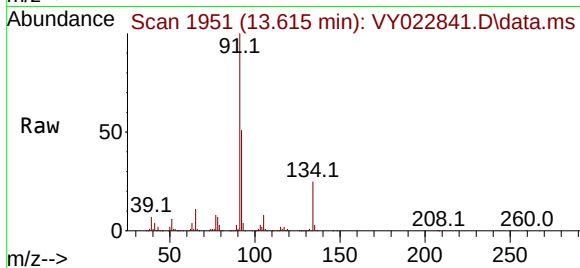
Tgt Ion: 91 Resp: 375321

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

134 24.8 12.0 36.1



#90

Hexachloroethane

Concen: 20.728 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022841.D

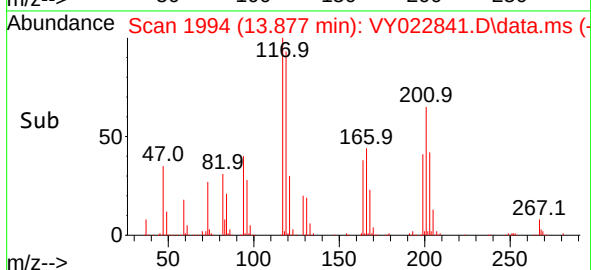
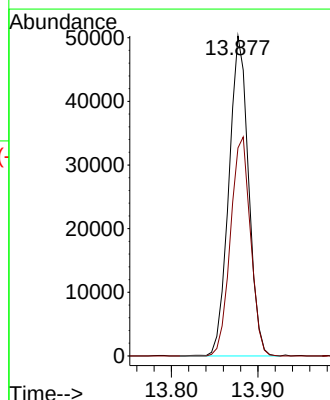
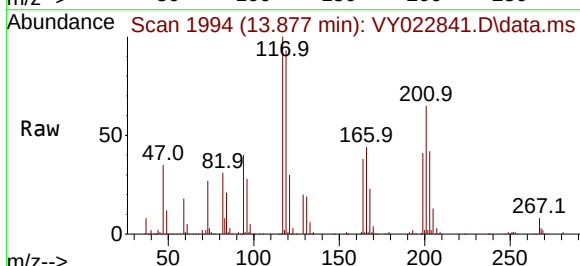
Acq: 26 Jun 2025 11:32

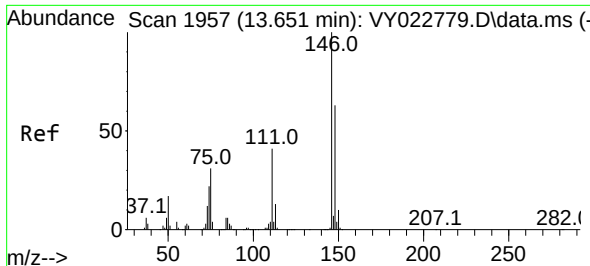
Tgt Ion: 117 Resp: 79334

Ion Ratio Lower Upper

117 100

201 69.5 34.0 102.0

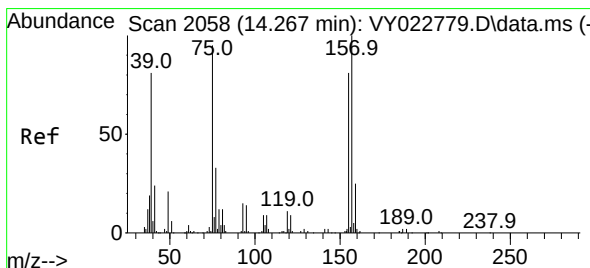
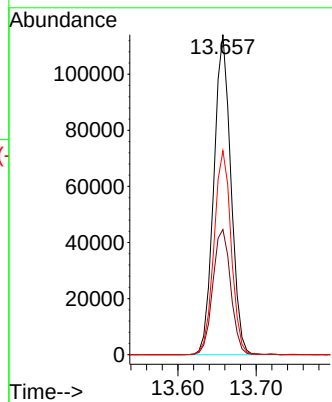
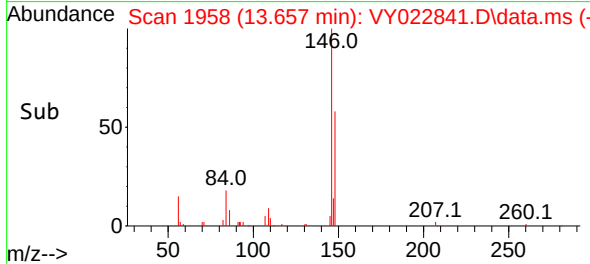
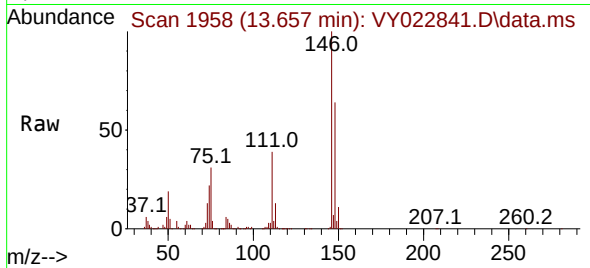




#91  
 1,2-Dichlorobenzene  
 Concen: 19.975 ug/l  
 RT: 13.657 min Scan# 1958  
 Delta R.T. -0.000 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

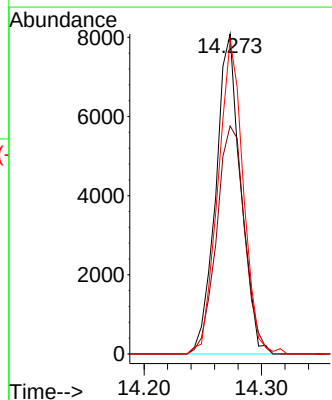
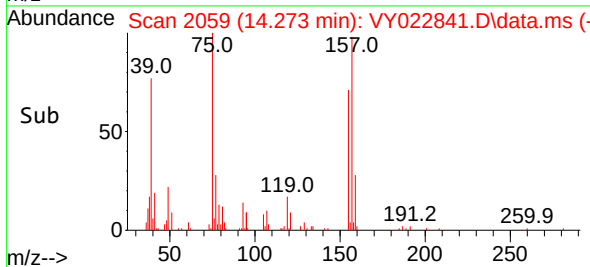
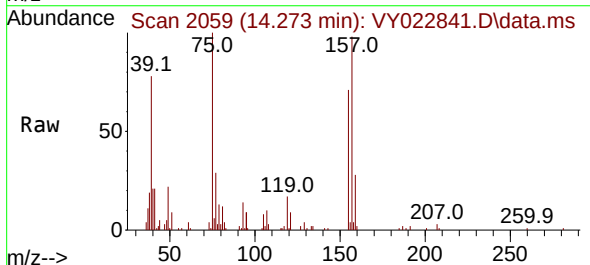
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0626SBSD01

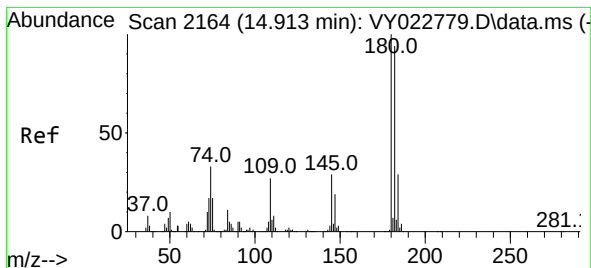
Tgt Ion:146 Resp: 172751  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 20.2 60.6  
 148 64.1 31.4 94.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.234 ug/l  
 RT: 14.273 min Scan# 2059  
 Delta R.T. -0.000 min  
 Lab File: VY022841.D  
 Acq: 26 Jun 2025 11:32

Tgt Ion: 75 Resp: 11922  
 Ion Ratio Lower Upper  
 75 100  
 155 80.0 39.9 119.6  
 157 99.8 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 19.310 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

VY0626SBS01

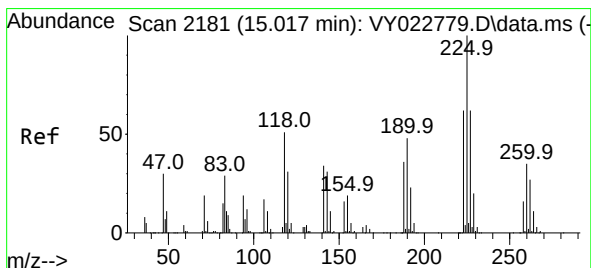
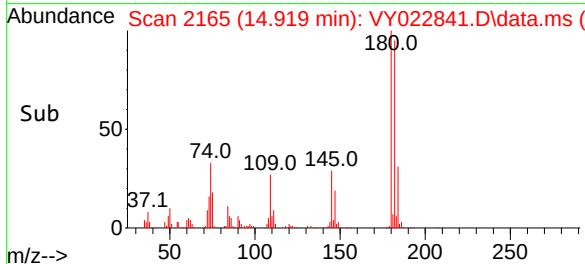
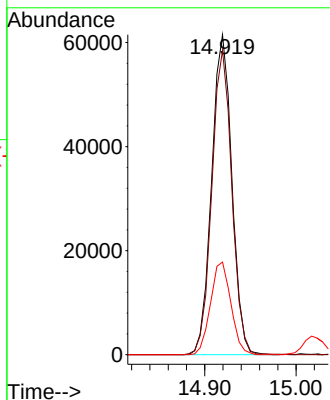
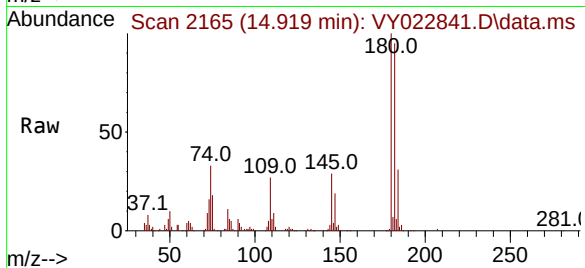
Tgt Ion:180 Resp: 94290

Ion Ratio Lower Upper

180 100

182 94.4 48.4 145.3

145 29.2 15.5 46.5



#94

Hexachlorobutadiene

Concen: 19.744 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

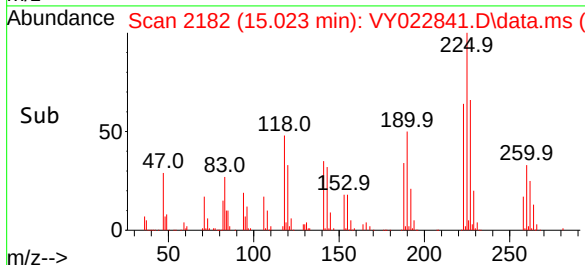
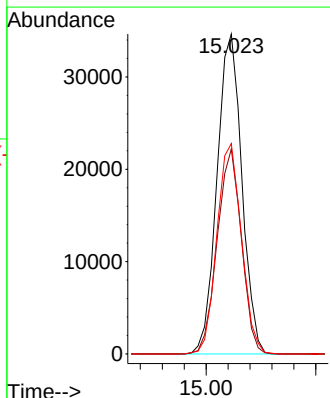
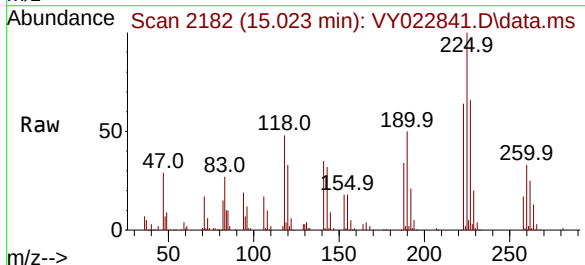
Tgt Ion:225 Resp: 54517

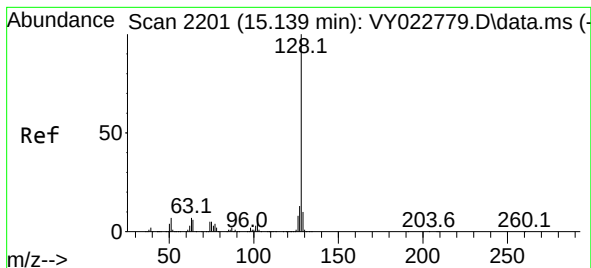
Ion Ratio Lower Upper

225 100

223 62.1 32.5 97.4

227 65.2 32.3 96.9





#95

Naphthalene

Concen: 18.899 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Instrument :

MSVOA\_Y

ClientSampleId :

VY0626SBS01

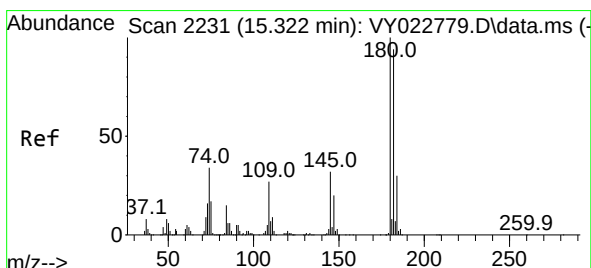
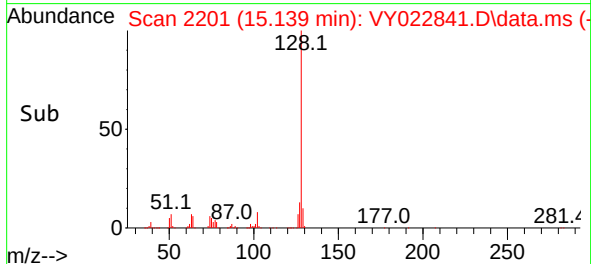
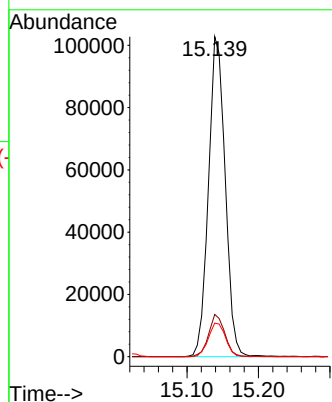
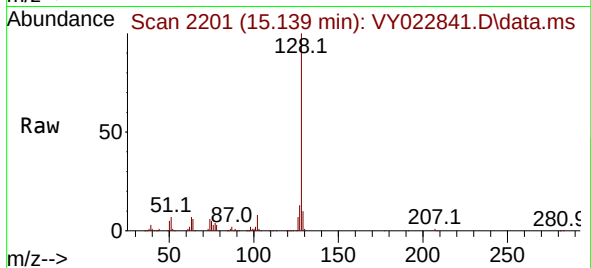
Tgt Ion:128 Resp: 166882

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.692 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022841.D

Acq: 26 Jun 2025 11:32

Tgt Ion:180 Resp: 78871

Ion Ratio Lower Upper

180 100

182 94.3 47.1 141.3

145 31.9 15.2 45.6

