

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY013024\  
 Data File : VY017136.D  
 Acq On : 30 Jan 2024 11:25  
 Operator : SY/MD  
 Sample : VY0130SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

Quant Time: Jan 31 00:27:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012424S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 25 04:44:10 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.807  | 168   | 117167   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.710  | 114   | 196256   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.508 | 117   | 167641   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.440 | 152   | 75152    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.161  | 65    | 61224    | 53.632   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 107.260% |          |
| 35) Dibromofluoromethane     | 7.740  | 113   | 64183    | 54.186   | ug/l       | 0.01     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 108.380% |          |
| 50) Toluene-d8               | 10.197 | 98    | 248276   | 55.495   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | = 111.000% |          |
| 62) 4-Bromofluorobenzene     | 12.495 | 95    | 76465    | 55.482   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | = 110.960% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.912  | 85    | 23810    | 25.309   | ug/l       | 98       |
| 3) Chloromethane             | 2.125  | 50    | 33379    | 19.682   | ug/l       | 100      |
| 4) Vinyl Chloride            | 2.266  | 62    | 40107    | 21.014   | ug/l       | 98       |
| 5) Bromomethane              | 2.662  | 94    | 29831    | 21.533   | ug/l       | 93       |
| 6) Chloroethane              | 2.808  | 64    | 26729    | 21.979   | ug/l       | 97       |
| 7) Trichlorofluoromethane    | 3.143  | 101   | 46038    | 21.886   | ug/l       | 99       |
| 8) Diethyl Ether             | 3.546  | 74    | 14123    | 20.921   | ug/l       | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 3.924  | 101   | 29358    | 22.401   | ug/l       | 99       |
| 10) Methyl Iodide            | 4.113  | 142   | 24351    | 19.558   | ug/l       | 99       |
| 11) Tert butyl alcohol       | 4.972  | 59    | 11340    | 130.028  | ug/l       | 100      |
| 12) 1,1-Dichloroethene       | 3.899  | 96    | 25194    | 21.001   | ug/l       | 91       |
| 13) Acrolein                 | 3.747  | 56    | 13425    | 98.058   | ug/l       | 99       |
| 14) Allyl chloride           | 4.497  | 41    | 39040    | 21.530   | ug/l       | 100      |
| 15) Acrylonitrile            | 5.186  | 53    | 31705    | 108.214  | ug/l       | 99       |
| 16) Acetone                  | 3.966  | 43    | 47354    | 138.098  | ug/l       | 97       |
| 17) Carbon Disulfide         | 4.216  | 76    | 60788    | 16.812   | ug/l       | 100      |
| 18) Methyl Acetate           | 4.497  | 43    | 24042    | 20.530   | ug/l       | 99       |
| 19) Methyl tert-butyl Ether  | 5.247  | 73    | 62509    | 21.353   | ug/l       | 99       |
| 20) Methylene Chloride       | 4.741  | 84    | 33305    | 22.951   | ug/l       | 98       |
| 21) trans-1,2-Dichloroethene | 5.247  | 96    | 28872    | 20.807   | ug/l       | 95       |
| 22) Diisopropyl ether        | 6.143  | 45    | 91318    | 22.815   | ug/l       | 98       |
| 23) Vinyl Acetate            | 6.088  | 43    | 207958   | 107.110  | ug/l       | 98       |
| 24) 1,1-Dichloroethane       | 6.045  | 63    | 54584    | 22.358   | ug/l       | 97       |
| 25) 2-Butanone               | 7.009  | 43    | 55713    | 122.268  | ug/l       | 97       |
| 26) 2,2-Dichloropropane      | 7.003  | 77    | 46229    | 22.171   | ug/l       | 99       |
| 27) cis-1,2-Dichloroethene   | 7.009  | 96    | 33633    | 21.872   | ug/l       | 100      |
| 28) Bromochloromethane       | 7.356  | 49    | 20569    | 21.163   | ug/l       | 98       |
| 29) Tetrahydrofuran          | 7.374  | 42    | 25212    | 108.916  | ug/l       | 97       |
| 30) Chloroform               | 7.527  | 83    | 55162    | 22.190   | ug/l       | 97       |
| 31) Cyclohexane              | 7.807  | 56    | 43939    | 19.795   | ug/l       | 97       |
| 32) 1,1,1-Trichloroethane    | 7.728  | 97    | 46680    | 21.899   | ug/l       | 98       |
| 36) 1,1-Dichloropropene      | 7.941  | 75    | 40983    | 21.029   | ug/l       | 99       |
| 37) Ethyl Acetate            | 7.100  | 43    | 17894    | 21.354   | ug/l       | 99       |
| 38) Carbon Tetrachloride     | 7.917  | 117   | 41505    | 21.732   | ug/l       | 93       |
| 39) Methylcyclohexane        | 9.203  | 83    | 45748    | 19.517   | ug/l       | 97       |
| 40) Benzene                  | 8.179  | 78    | 123323   | 21.789   | ug/l       | 97       |

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 Sample : VY0130SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

Quant Time: Jan 31 00:27:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012424S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 25 04:44:10 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.332  | 41   | 8007     | 17.866  | ug/l # | 82       |
| 42) 1,2-Dichloroethane        | 8.258  | 62   | 31183    | 21.252  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.295  | 43   | 33562    | 21.454  | ug/l   | 100      |
| 44) Trichloroethene           | 8.959  | 130  | 31480    | 21.686  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.234  | 63   | 30541    | 21.985  | ug/l   | 98       |
| 46) Dibromomethane            | 9.325  | 93   | 15436    | 20.923  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.514  | 83   | 41164    | 21.932  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.313  | 41   | 17825    | 20.522  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.325  | 88   | 3385     | 466.516 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.087 | 43   | 93463    | 112.312 | ug/l   | 100      |
| 52) Toluene                   | 10.264 | 92   | 73818    | 21.549  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.484 | 75   | 37559    | 21.906  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.947  | 75   | 45361    | 21.511  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.660 | 97   | 22860    | 22.170  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.526 | 69   | 18794    | 20.843  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.807 | 76   | 37821    | 21.695  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.801  | 63   | 67275    | 107.485 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.849 | 43   | 78359    | 123.425 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.002 | 129  | 26679    | 22.271  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.105 | 107  | 20284    | 21.655  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.740 | 164  | 24656    | 21.101  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.532 | 112  | 78027    | 21.964  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.605 | 131  | 29254    | 22.544  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.611 | 91   | 141105   | 21.849  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.721 | 106  | 106971   | 44.085  | ug/l   | 99       |
| 69) o-Xylene                  | 12.044 | 106  | 48983    | 22.224  | ug/l   | 99       |
| 70) Styrene                   | 12.063 | 104  | 70477    | 22.025  | ug/l   | 99       |
| 71) Bromoform                 | 12.227 | 173  | 14290    | 21.962  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.349 | 105  | 133020   | 21.531  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.160 | 43   | 26897    | 21.599  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.599 | 83   | 25568    | 21.703  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.648 | 75   | 17029m   | 18.668  | ug/l   |          |
| 77) Bromobenzene              | 12.623 | 156  | 29217    | 21.856  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.684 | 91   | 164010   | 22.071  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.770 | 91   | 89900    | 22.047  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.831 | 105  | 107632   | 22.013  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.392 | 75   | 7401     | 21.005  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.873 | 91   | 93727    | 22.178  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.093 | 119  | 93923    | 22.208  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.136 | 105  | 105311   | 21.670  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.270 | 105  | 139326   | 22.248  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.386 | 119  | 115844   | 22.207  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.379 | 146  | 58004    | 21.977  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.465 | 146  | 56481    | 21.750  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.715 | 91   | 112435   | 22.346  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.977 | 117  | 23638    | 21.741  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.757 | 146  | 49024    | 21.750  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.373 | 75   | 3167     | 21.048  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.025 | 180  | 25970    | 22.049  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.129 | 225  | 15450    | 21.795  | ug/l   | 97       |
| 95) Naphthalene               | 15.251 | 128  | 42914    | 20.629  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.440 | 180  | 21278    | 21.714  | ug/l   | 97       |

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Sample : VY0130SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Thu Jan 25 04:44:10 2024  
Response via : Initial Calibration

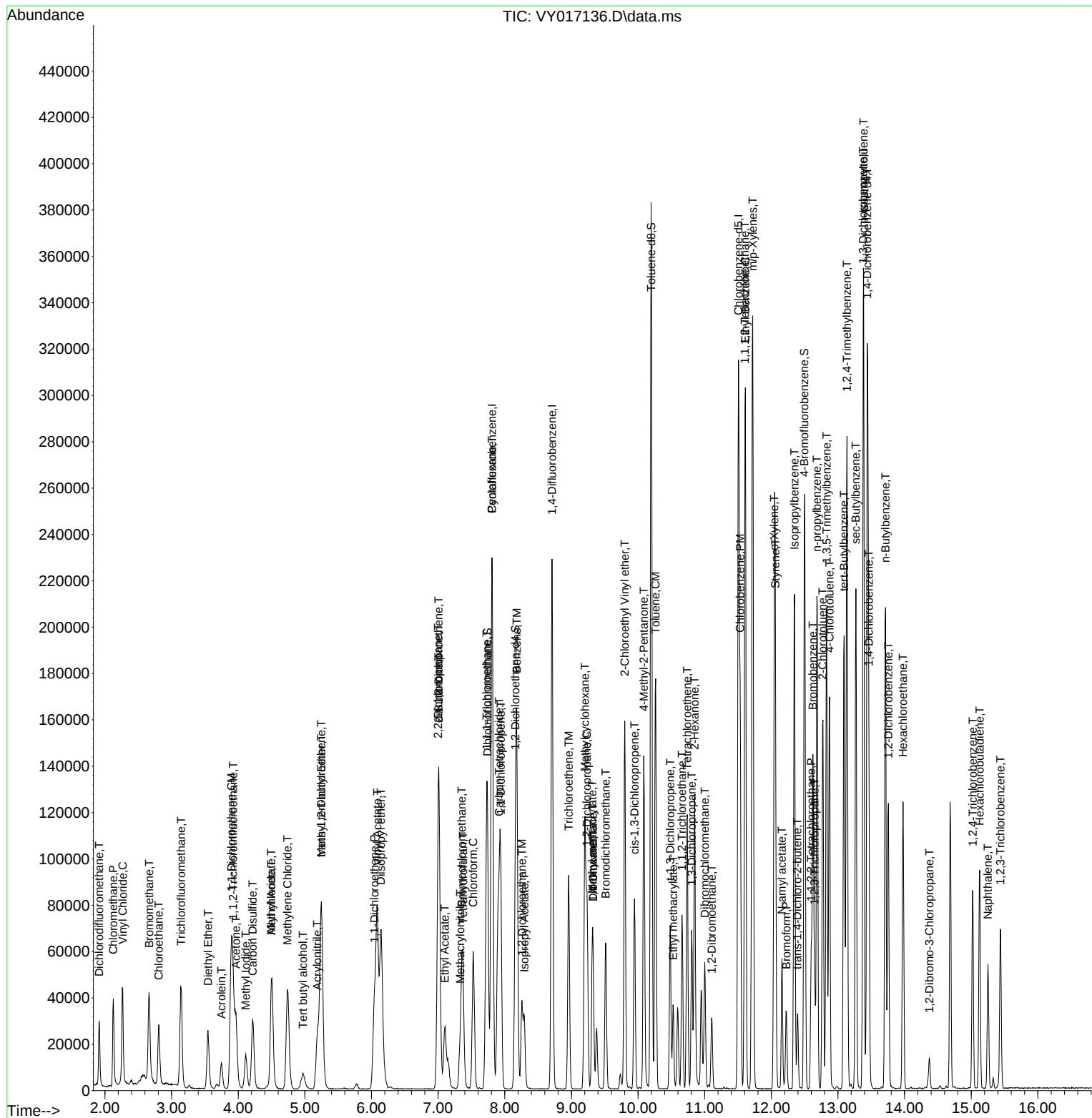
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

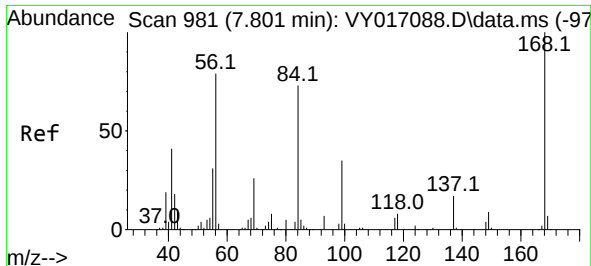
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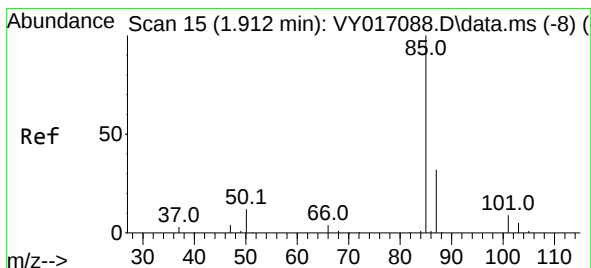
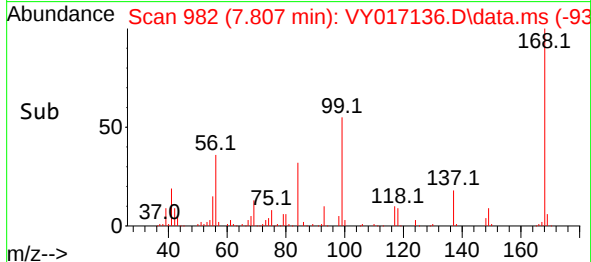
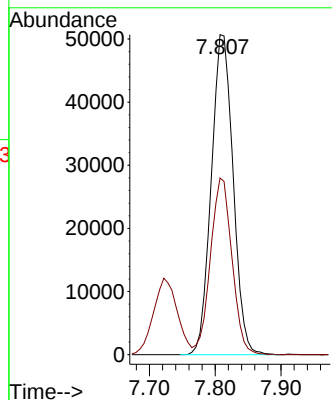
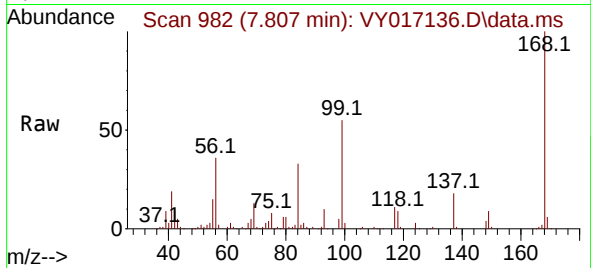




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.807 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

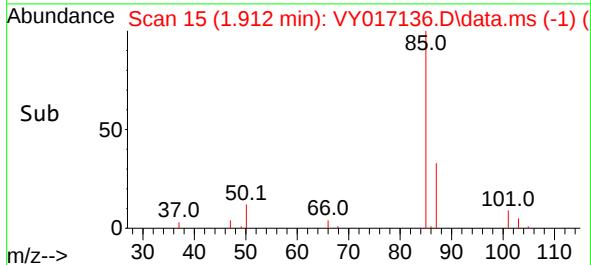
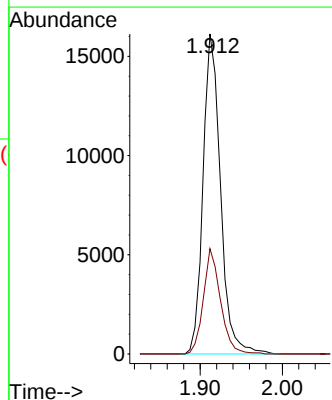
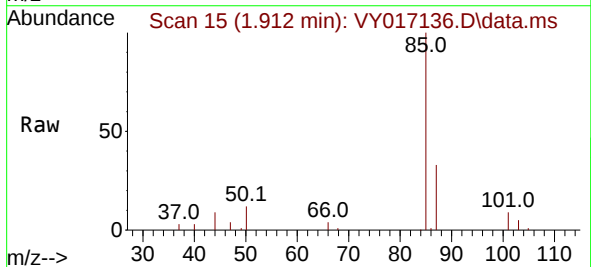
Instrument :  
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VY0130SBS01

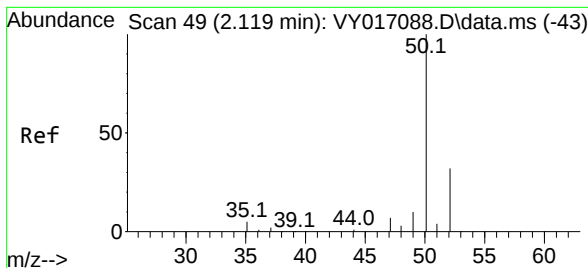
Tgt Ion:168 Resp: 117167  
Ion Ratio Lower Upper  
168 100  
99 55.2 44.2 66.4



#2  
Dichlorodifluoromethane  
Concen: 25.309 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion: 85 Resp: 23810  
Ion Ratio Lower Upper  
85 100  
87 32.9 17.1 51.3





#3

Chloromethane

Concen: 19.682 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

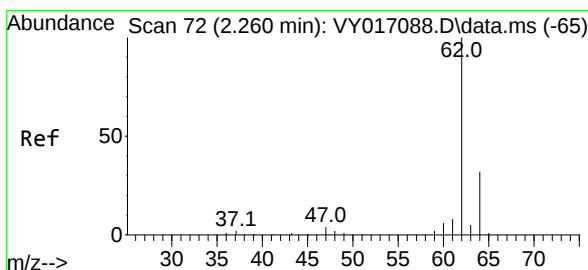
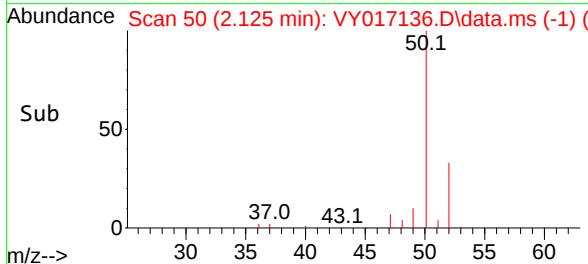
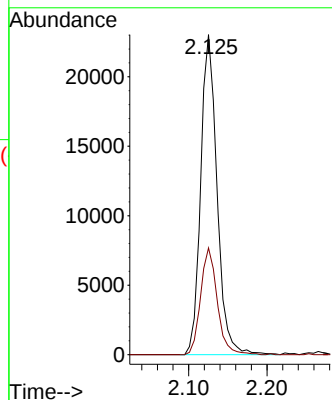
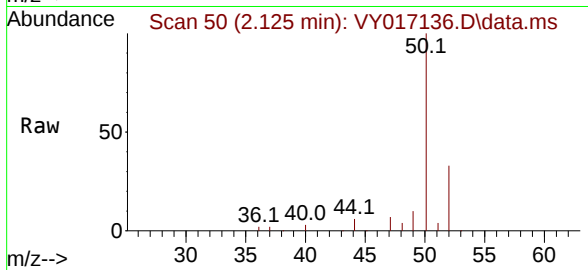
VY0130SBS01

Tgt Ion: 50 Resp: 33379

Ion Ratio Lower Upper

50 100

52 33.4 26.7 40.1



#4

Vinyl Chloride

Concen: 21.014 ug/l

RT: 2.266 min Scan# 73

Delta R.T. 0.007 min

Lab File: VY017136.D

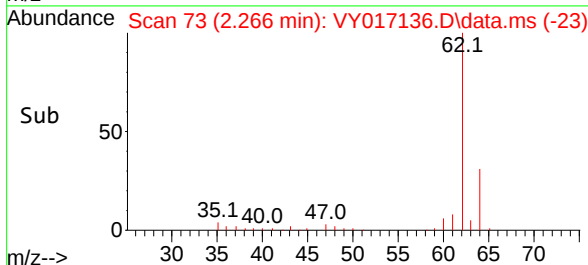
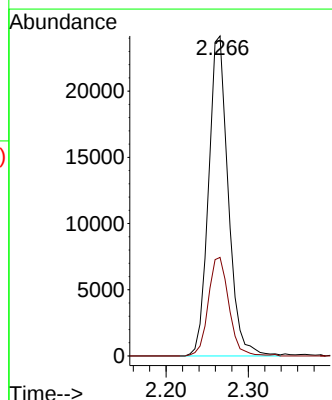
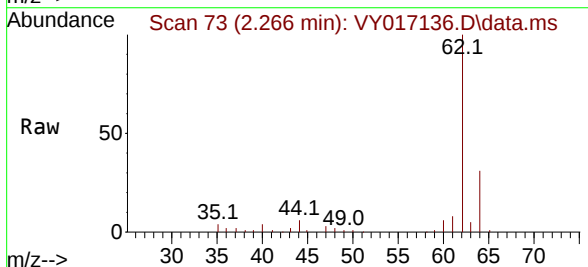
Acq: 30 Jan 2024 11:25

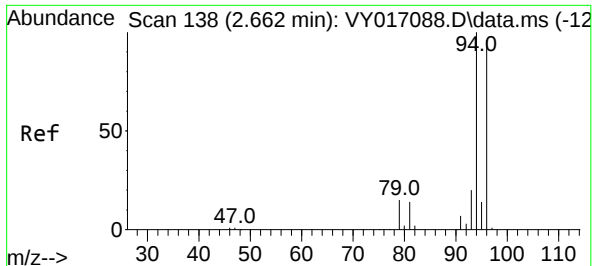
Tgt Ion: 62 Resp: 40107

Ion Ratio Lower Upper

62 100

64 30.8 25.7 38.5

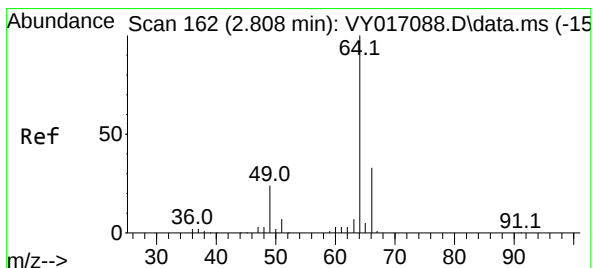
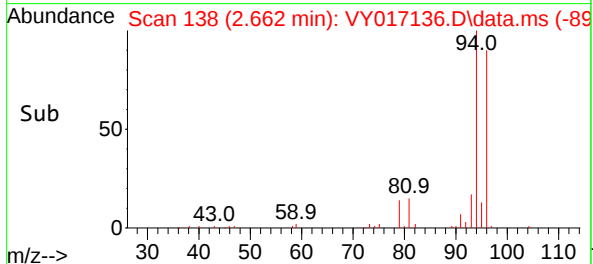
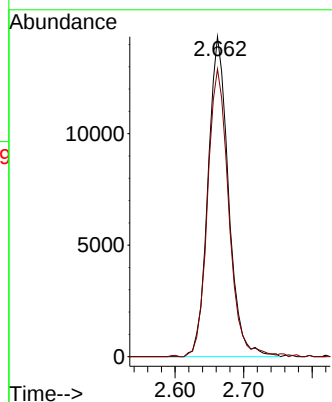
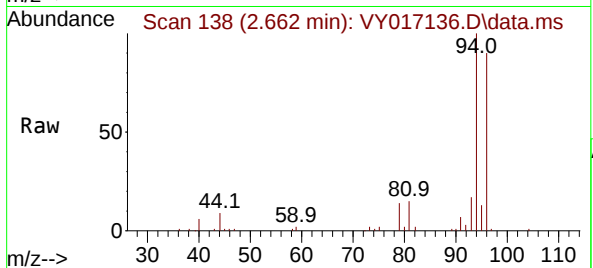




#5  
Bromomethane  
Concen: 21.533 ug/l  
RT: 2.662 min Scan# 138  
Delta R.T. -0.000 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

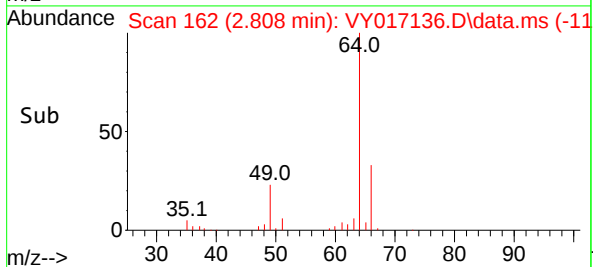
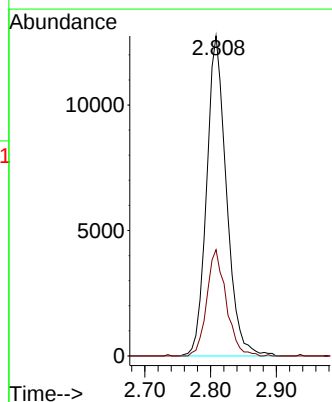
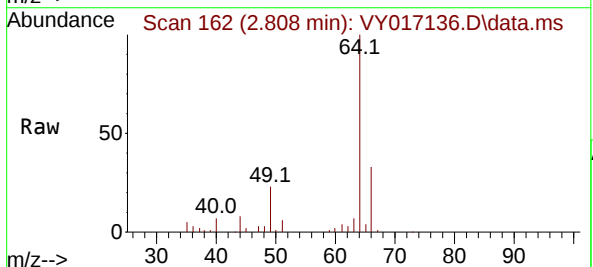
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBSD01

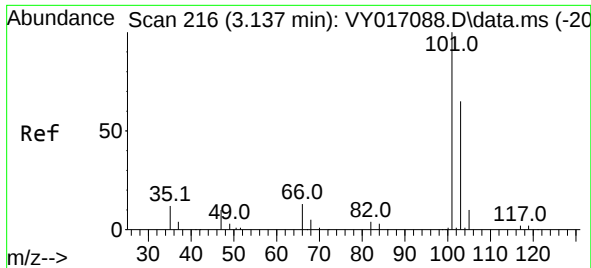
Tgt Ion: 94 Resp: 29831  
Ion Ratio Lower Upper  
94 100  
96 89.9 77.3 115.9



#6  
Chloroethane  
Concen: 21.979 ug/l  
RT: 2.808 min Scan# 162  
Delta R.T. 0.000 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion: 64 Resp: 26729  
Ion Ratio Lower Upper  
64 100  
66 33.2 25.1 37.7

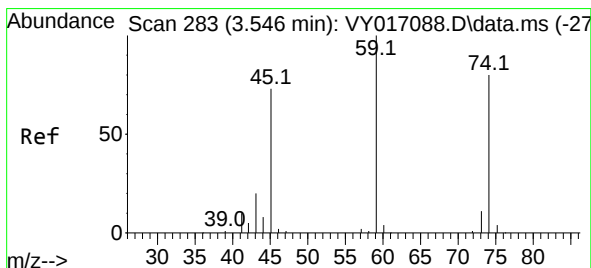
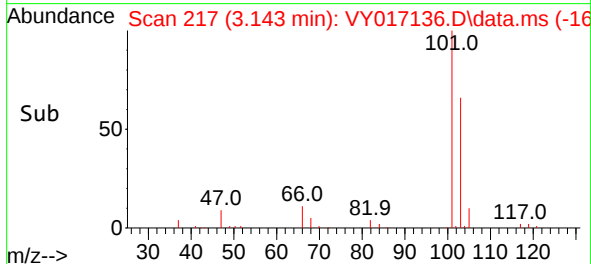
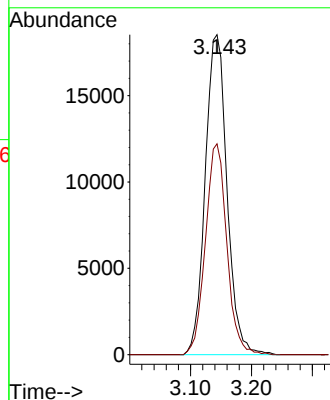
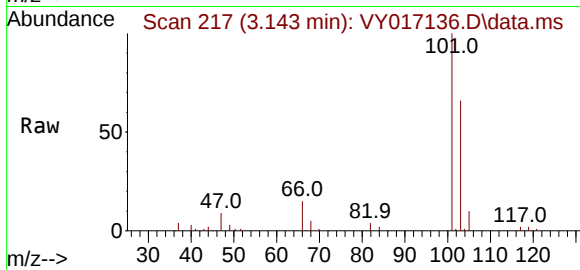




#7  
 Trichlorofluoromethane  
 Concen: 21.886 ug/l  
 RT: 3.143 min Scan# 216  
 Delta R.T. 0.006 min  
 Lab File: VY017136.D  
 Acq: 30 Jan 2024 11:25

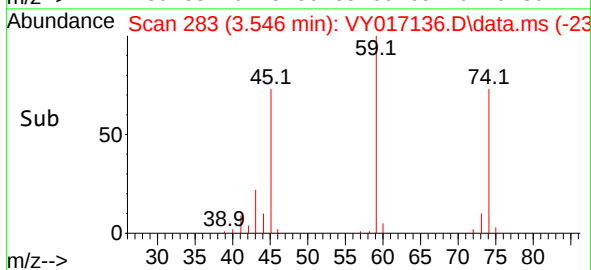
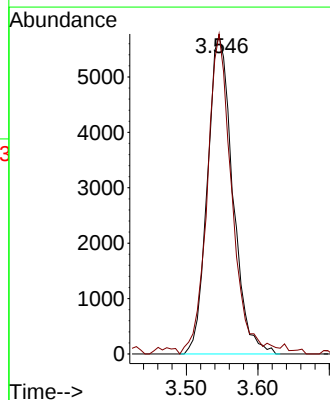
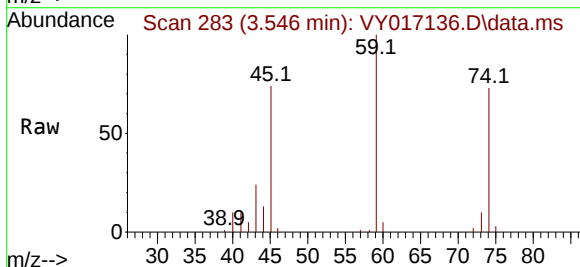
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

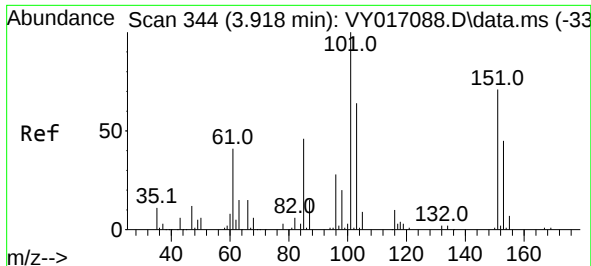
Tgt Ion:101 Resp: 46038  
 Ion Ratio Lower Upper  
 101 100  
 103 65.9 51.9 77.9



#8  
 Diethyl Ether  
 Concen: 20.921 ug/l  
 RT: 3.546 min Scan# 283  
 Delta R.T. 0.006 min  
 Lab File: VY017136.D  
 Acq: 30 Jan 2024 11:25

Tgt Ion: 74 Resp: 14123  
 Ion Ratio Lower Upper  
 74 100  
 45 98.9 47.9 143.7

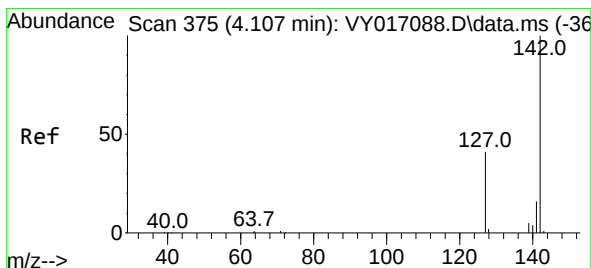
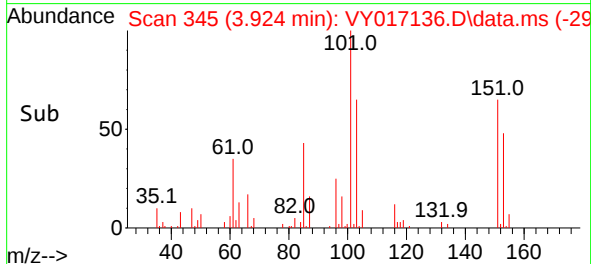
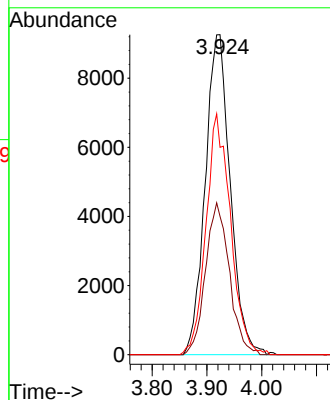
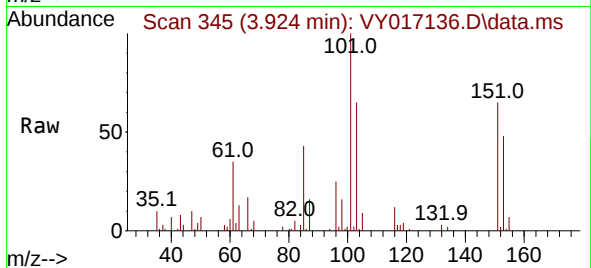




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.401 ug/l  
RT: 3.924 min Scan# 344  
Delta R.T. 0.013 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

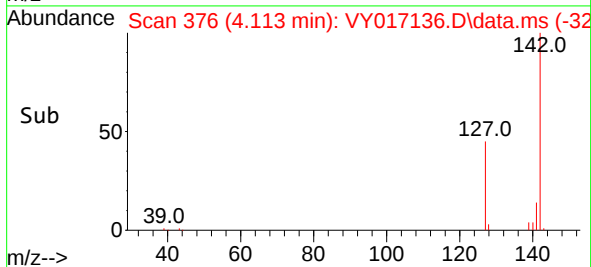
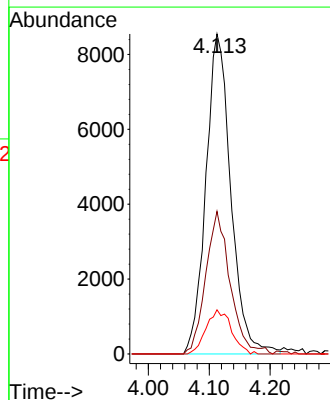
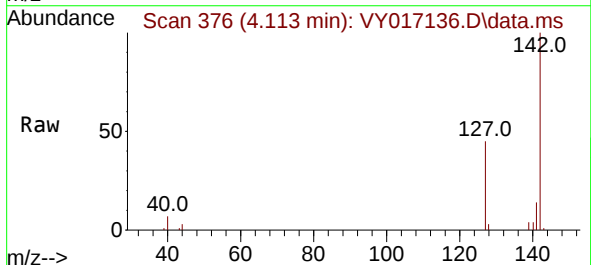
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBSD01

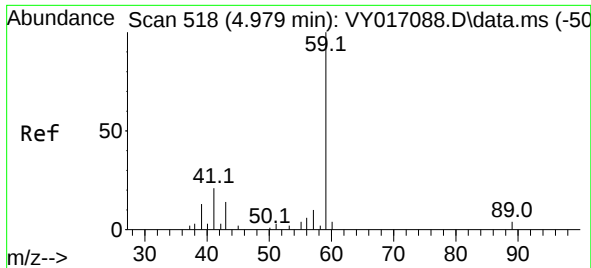
Tgt Ion:101 Resp: 29358  
Ion Ratio Lower Upper  
101 100  
85 45.2 35.8 53.6  
151 73.7 58.6 88.0



#10  
Methyl Iodide  
Concen: 19.558 ug/l  
RT: 4.113 min Scan# 376  
Delta R.T. 0.007 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion:142 Resp: 24351  
Ion Ratio Lower Upper  
142 100  
127 43.5 35.1 52.7  
141 14.0 11.8 17.6

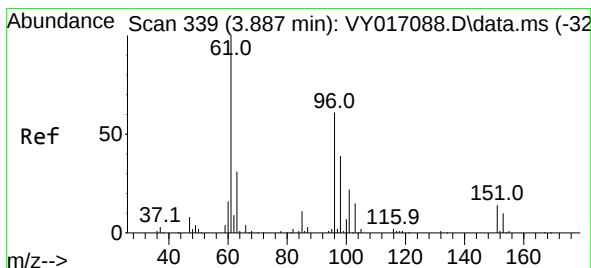
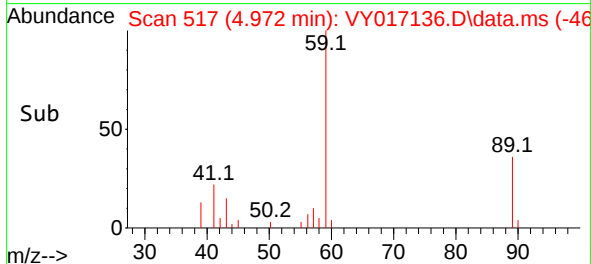
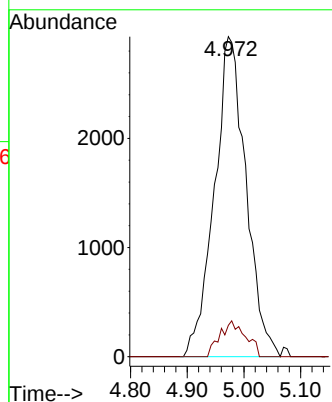
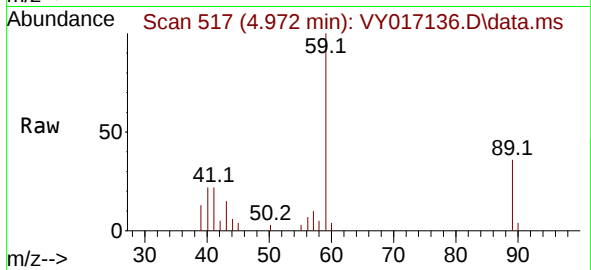




#11  
Tert butyl alcohol  
Concen: 130.028 ug/l  
RT: 4.972 min Scan# 518  
Delta R.T. 0.006 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

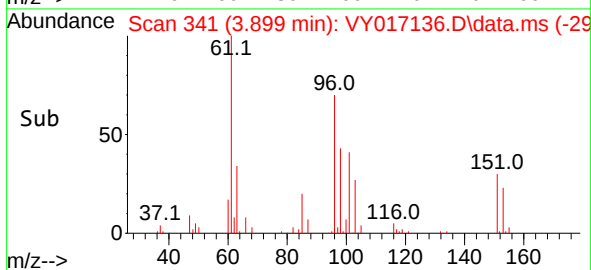
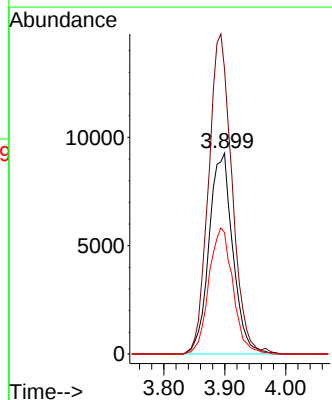
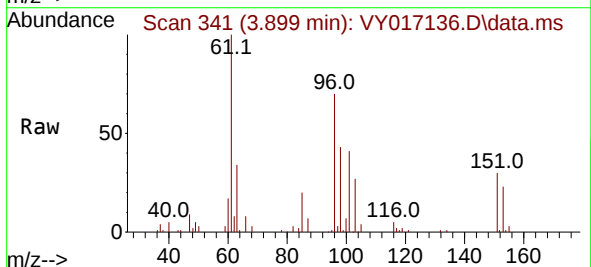
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBSD01

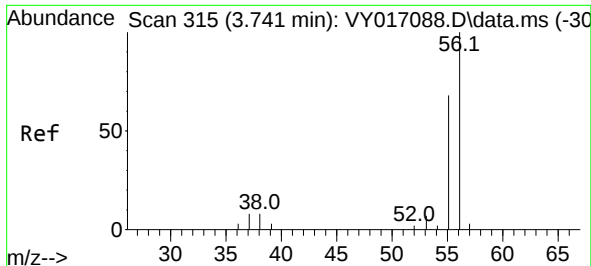
Tgt Ion: 59 Resp: 11340  
Ion Ratio Lower Upper  
59 100  
57 9.1 7.4 11.0



#12  
1,1-Dichloroethene  
Concen: 21.001 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.012 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion: 96 Resp: 25194  
Ion Ratio Lower Upper  
96 100  
61 141.9 124.2 186.2  
98 60.5 52.6 79.0





#13

Acrolein

Concen: 98.058 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

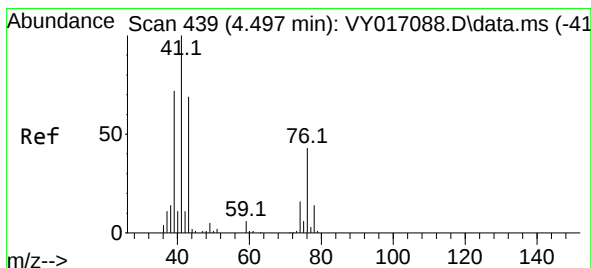
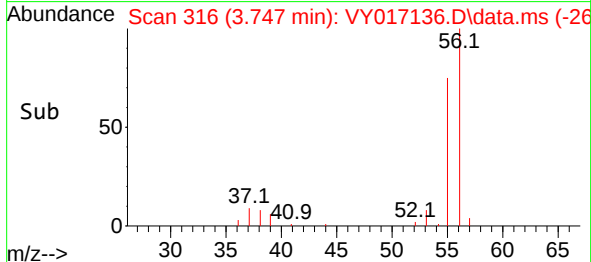
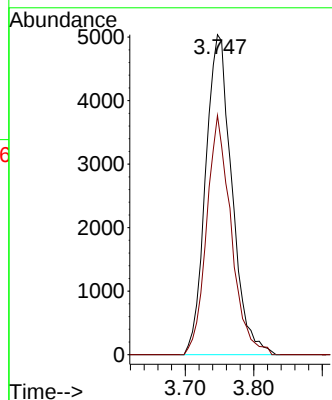
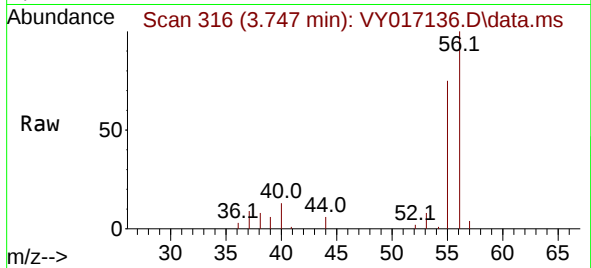
VY0130SBS01

Tgt Ion: 56 Resp: 13425

Ion Ratio Lower Upper

56 100

55 69.8 55.4 83.0



#14

Allyl chloride

Concen: 21.530 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

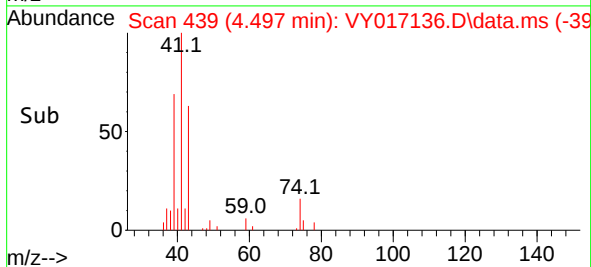
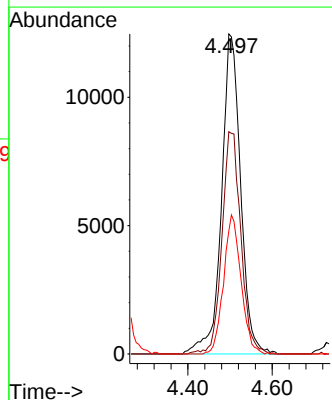
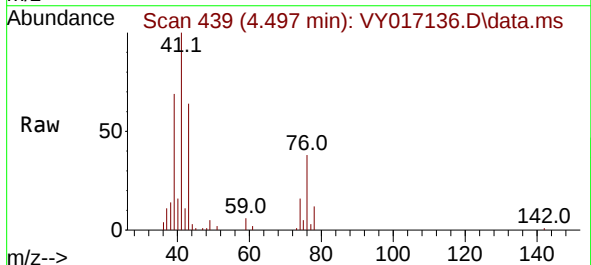
Tgt Ion: 41 Resp: 39040

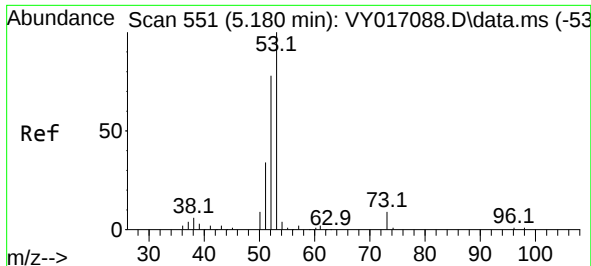
Ion Ratio Lower Upper

41 100

39 68.6 54.7 82.1

76 39.7 31.8 47.6

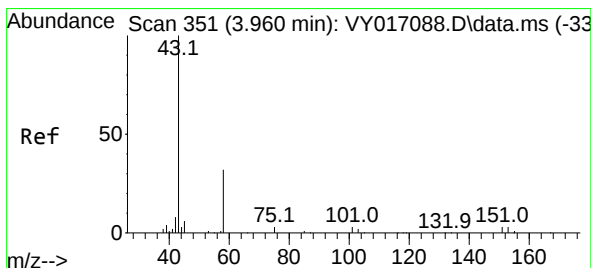
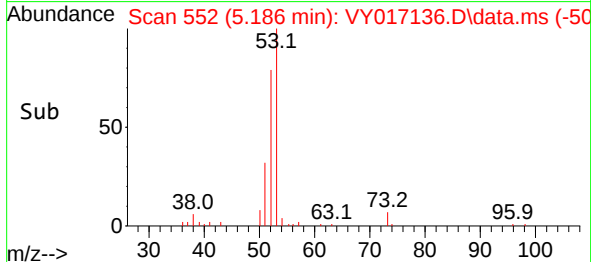
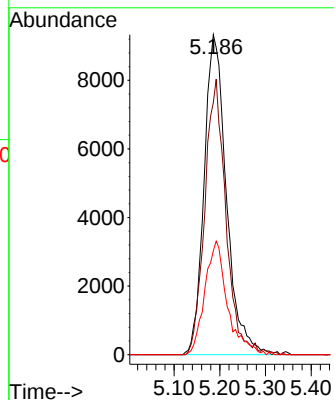
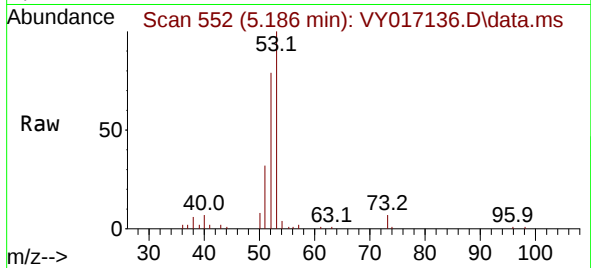




#15  
Acrylonitrile  
Concen: 108.214 ug/l  
RT: 5.186 min Scan# 51  
Delta R.T. 0.007 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

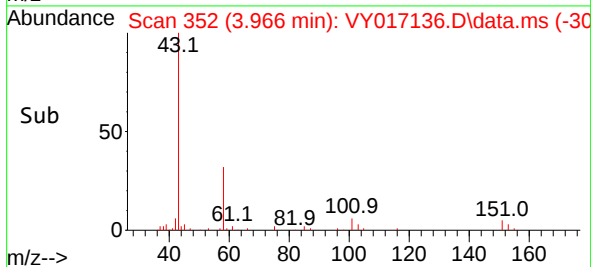
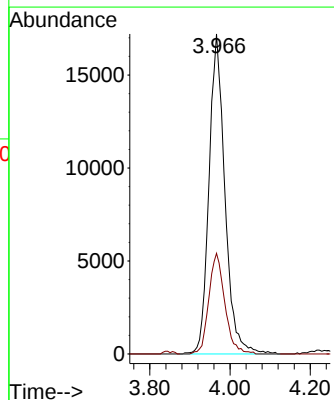
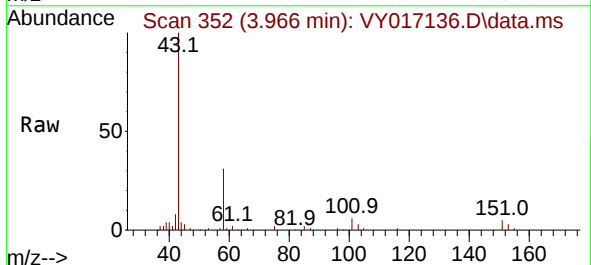
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBSD01

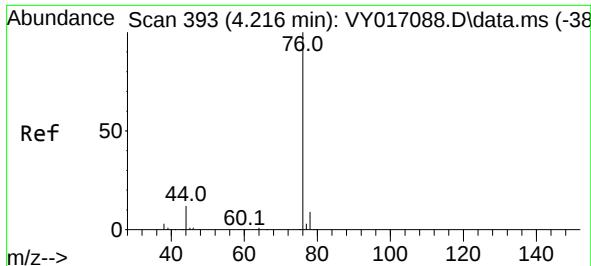
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 31705 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.8  | 65.1  | 97.7  |
| 51       | 35.9  | 29.0  | 43.4  |



#16  
Acetone  
Concen: 138.098 ug/l  
RT: 3.966 min Scan# 352  
Delta R.T. 0.006 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 47354 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.5  | 26.6  | 39.8  |

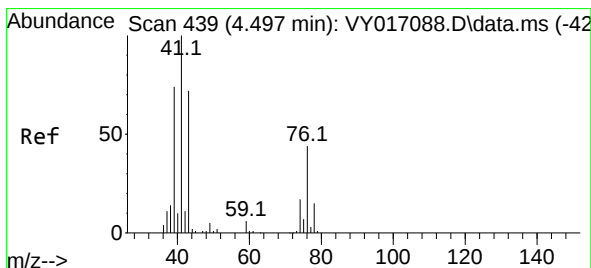
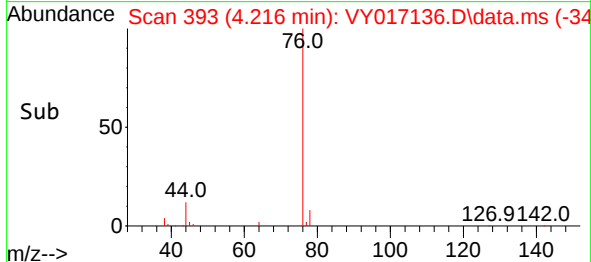
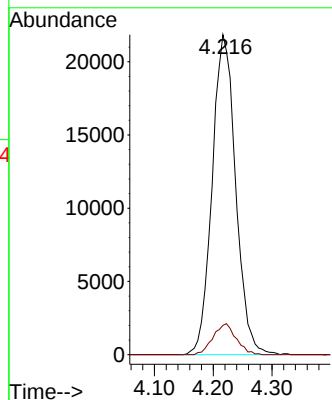
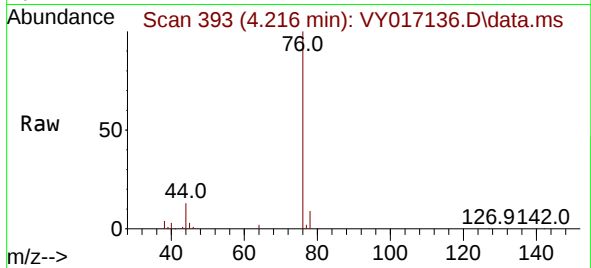




#17  
Carbon Disulfide  
Concen: 16.812 ug/l  
RT: 4.216 min Scan# 393  
Delta R.T. 0.006 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

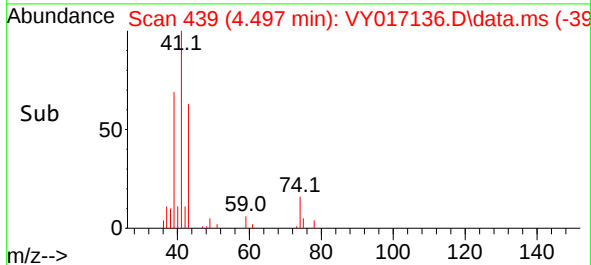
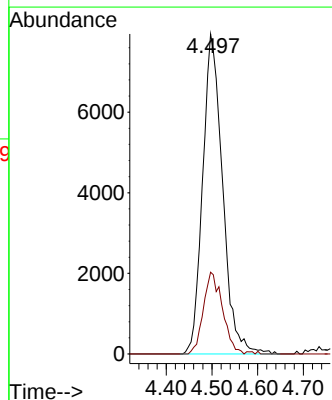
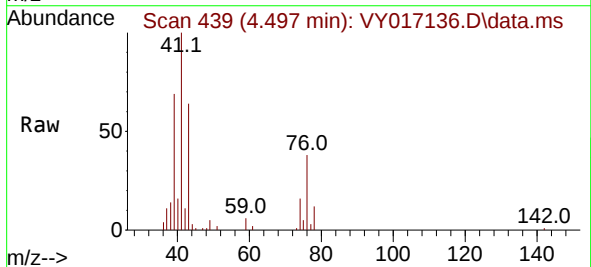
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBSD01

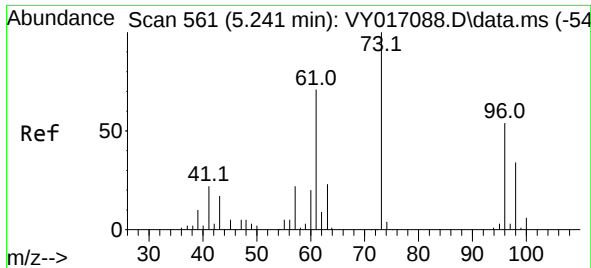
Tgt Ion: 76 Resp: 60788  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0



#18  
Methyl Acetate  
Concen: 20.530 ug/l  
RT: 4.497 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion: 43 Resp: 24042  
Ion Ratio Lower Upper  
43 100  
74 24.4 19.8 29.6

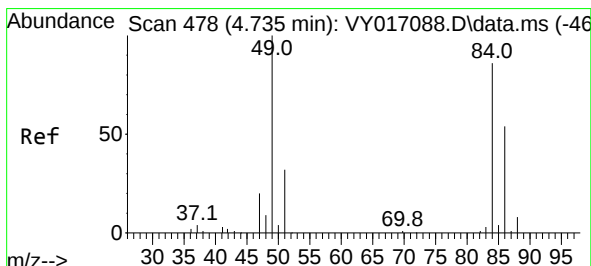
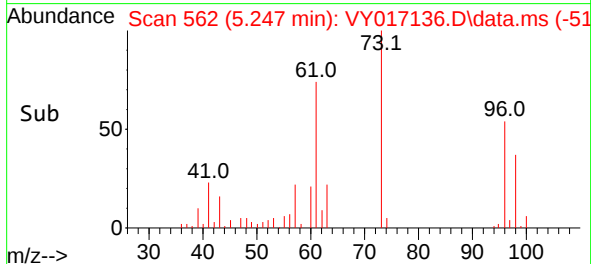
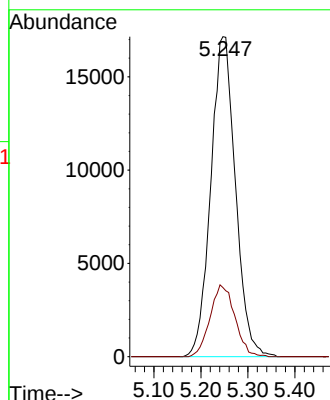
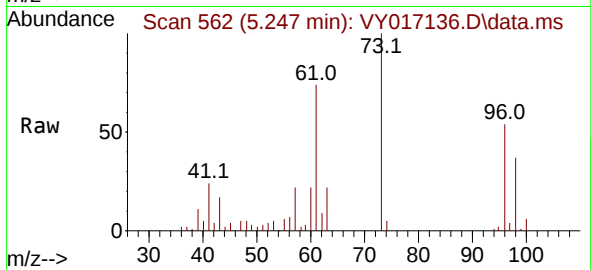




#19  
Methyl tert-butyl Ether  
Concen: 21.353 ug/l  
RT: 5.247 min Scan# 50  
Delta R.T. 0.013 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

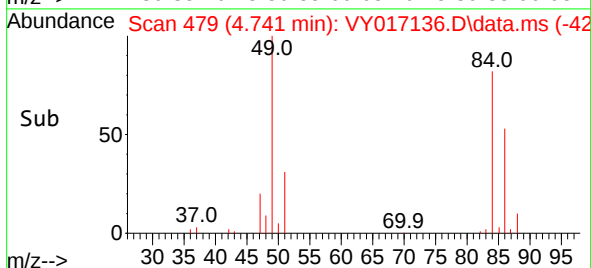
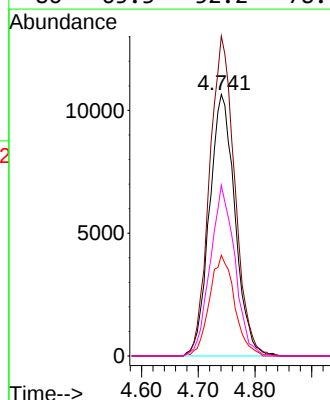
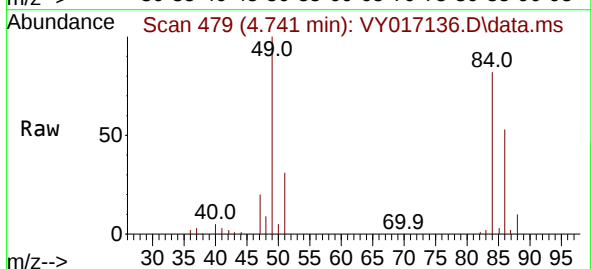
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

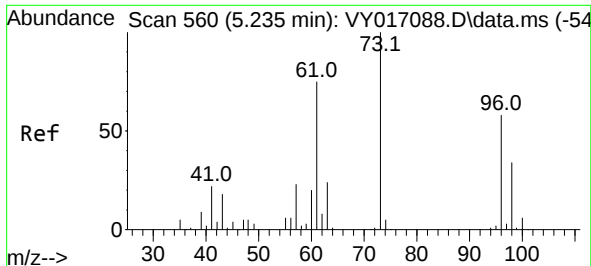
Tgt Ion: 73 Resp: 62509  
Ion Ratio Lower Upper  
73 100  
57 21.6 17.7 26.5



#20  
Methylene Chloride  
Concen: 22.951 ug/l  
RT: 4.741 min Scan# 479  
Delta R.T. 0.007 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion: 84 Resp: 33305  
Ion Ratio Lower Upper  
84 100  
49 122.3 95.2 142.8  
51 38.5 29.9 44.9  
86 65.3 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.807 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.007 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

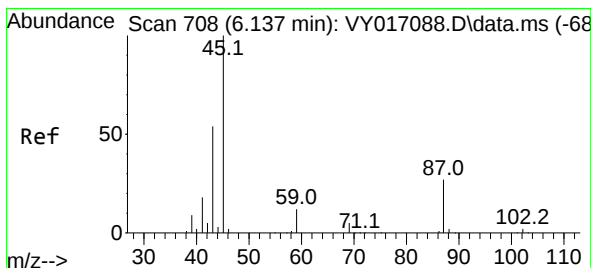
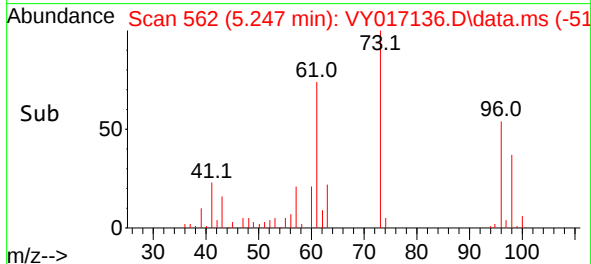
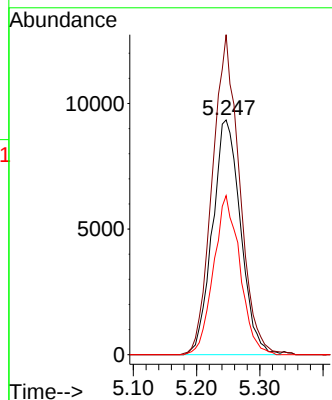
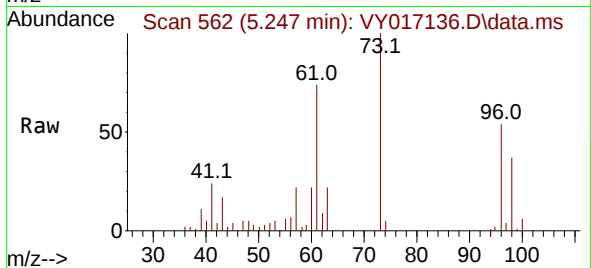
Tgt Ion: 96 Resp: 28872

Ion Ratio Lower Upper

96 100

61 136.3 104.6 156.8

98 67.7 50.9 76.3



#22

Diisopropyl ether

Concen: 22.815 ug/l

RT: 6.143 min Scan# 709

Delta R.T. 0.012 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Tgt Ion: 45 Resp: 91318

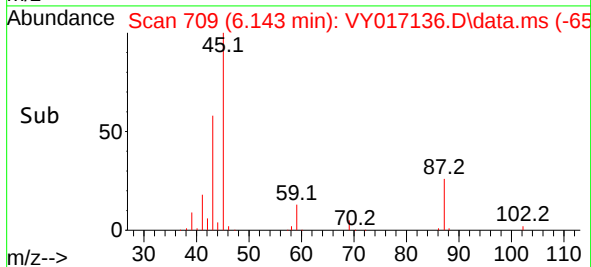
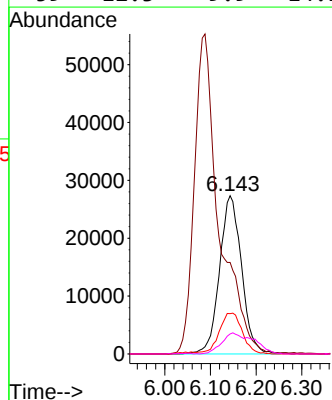
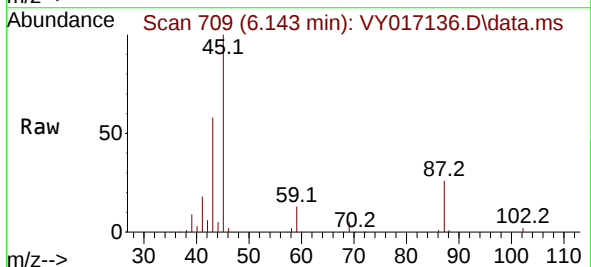
Ion Ratio Lower Upper

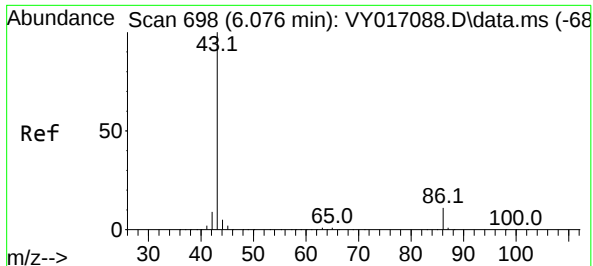
45 100

43 57.2 46.8 70.2

87 25.5 22.2 33.2

59 12.3 9.9 14.9

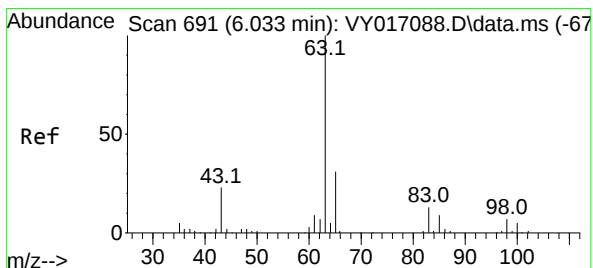
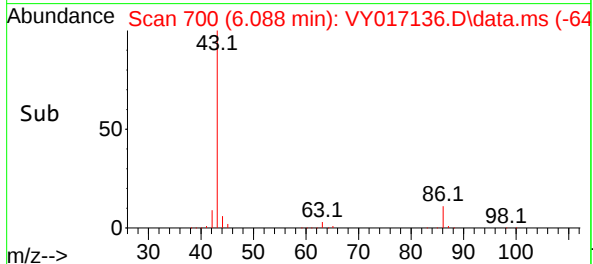
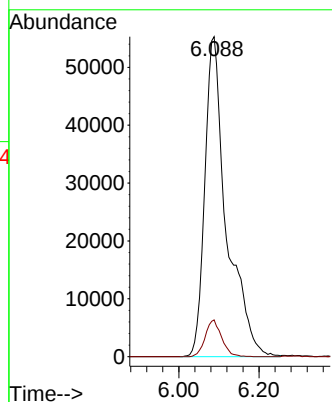
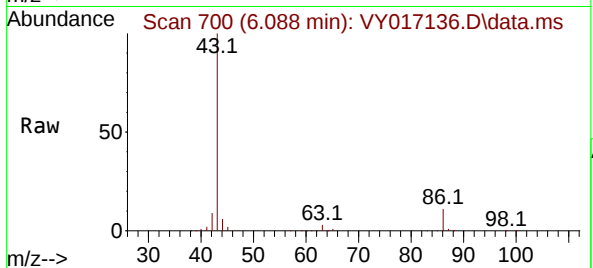




#23  
 Vinyl Acetate  
 Concen: 107.110 ug/l  
 RT: 6.088 min Scan# 70  
 Delta R.T. 0.012 min  
 Lab File: VY017136.D  
 Acq: 30 Jan 2024 11:25

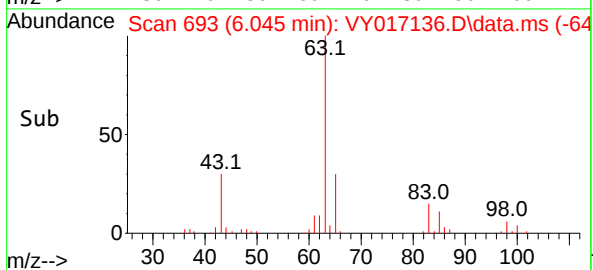
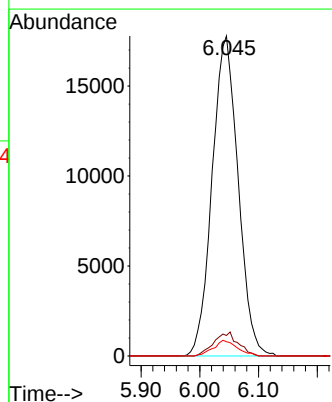
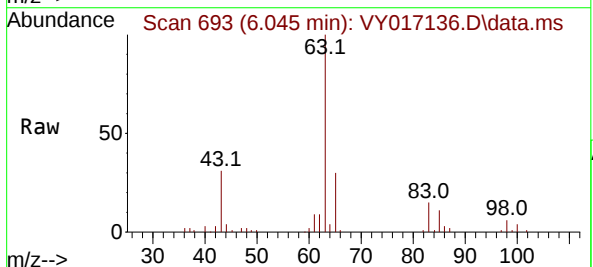
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0130SBS01

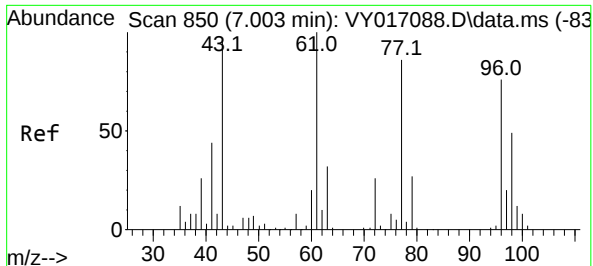
Tgt Ion: 43 Resp: 207958  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 8.6 13.0



#24  
 1,1-Dichloroethane  
 Concen: 22.358 ug/l  
 RT: 6.045 min Scan# 693  
 Delta R.T. 0.012 min  
 Lab File: VY017136.D  
 Acq: 30 Jan 2024 11:25

Tgt Ion: 63 Resp: 54584  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.8 11.4  
 100 4.5 2.1 6.2





#25

2-Butanone

Concen: 122.268 ug/l

RT: 7.009 min Scan# 8

Delta R.T. 0.013 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

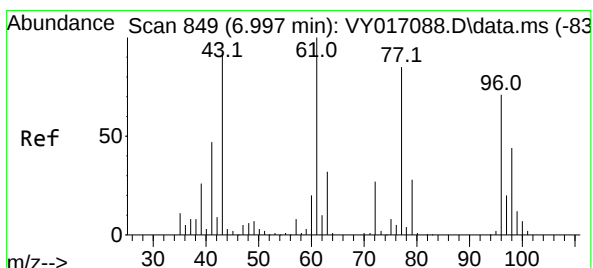
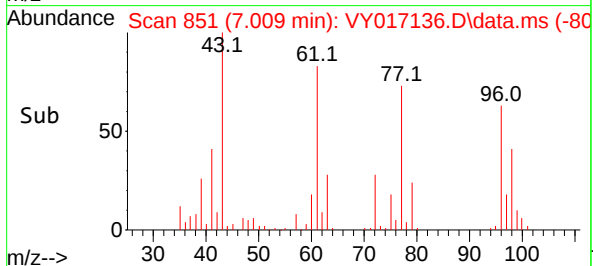
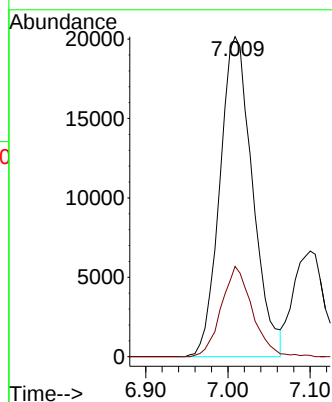
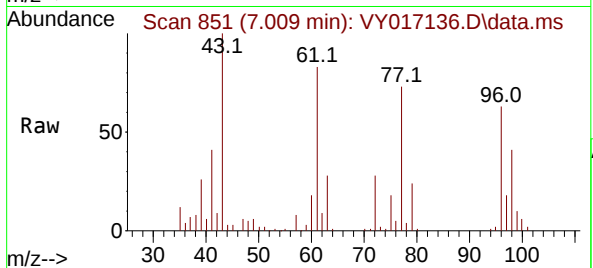
VY0130SBSD01

Tgt Ion: 43 Resp: 55713

Ion Ratio Lower Upper

43 100

72 28.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 22.171 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.007 min

Lab File: VY017136.D

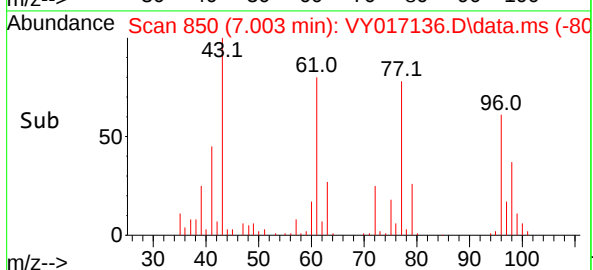
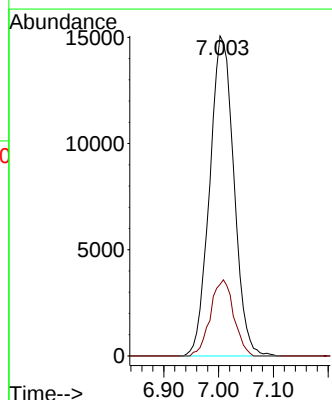
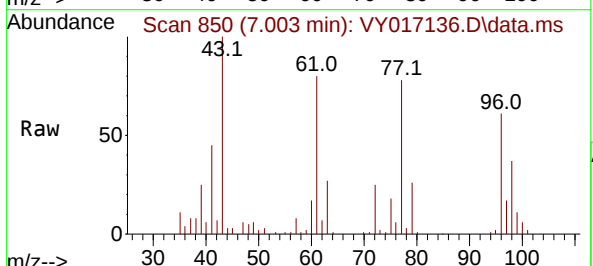
Acq: 30 Jan 2024 11:25

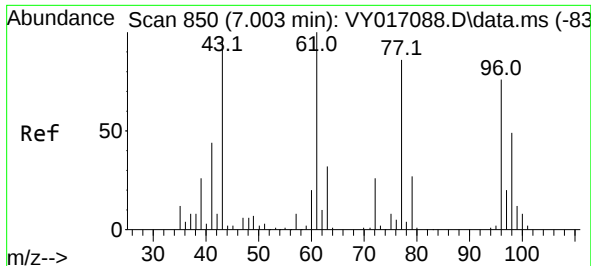
Tgt Ion: 77 Resp: 46229

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.872 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.007 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

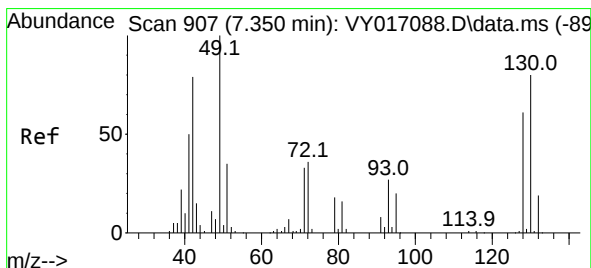
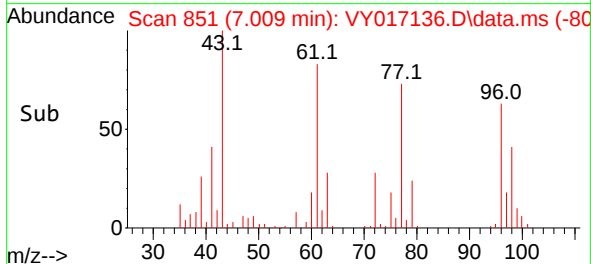
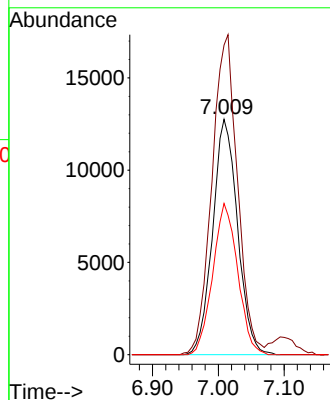
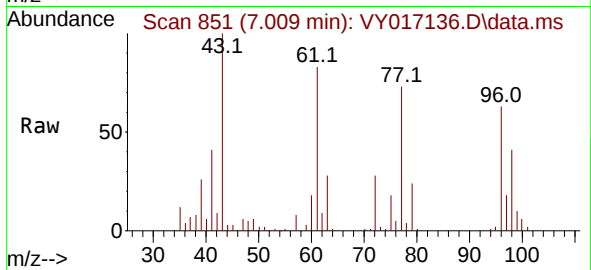
Tgt Ion: 96 Resp: 33633

Ion Ratio Lower Upper

96 100

61 139.5 0.0 278.8

98 64.3 0.0 127.0



#28

Bromochloromethane

Concen: 21.163 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

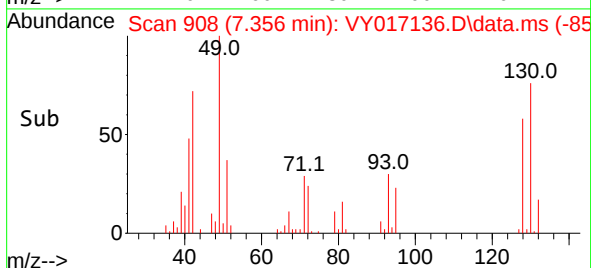
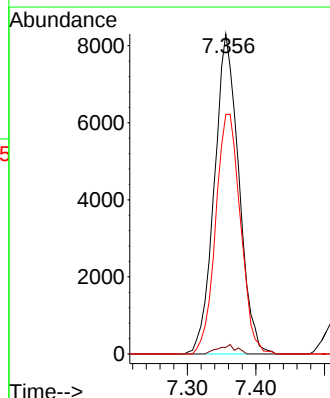
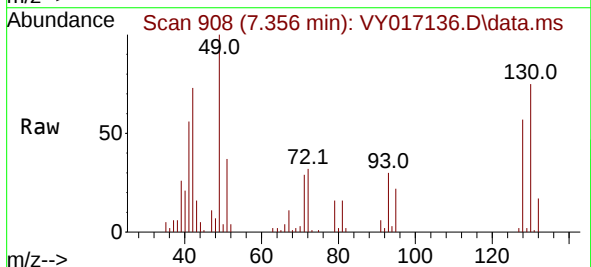
Tgt Ion: 49 Resp: 20569

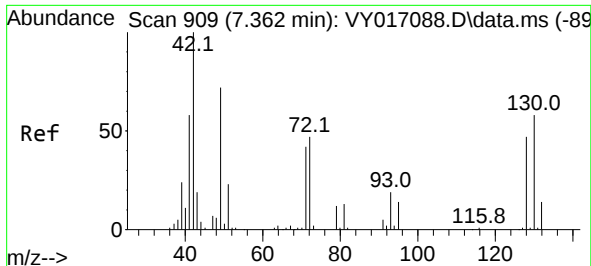
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 76.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 108.916 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

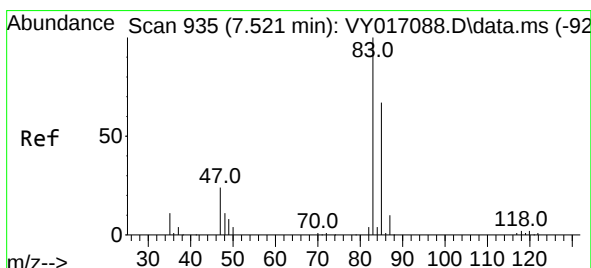
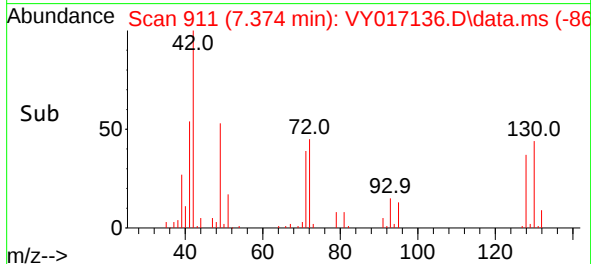
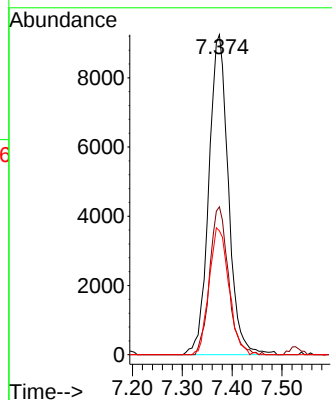
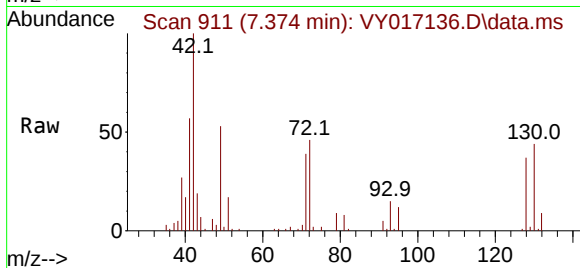
Tgt Ion: 42 Resp: 25212

Ion Ratio Lower Upper

42 100

72 44.1 36.6 54.8

71 40.1 33.8 50.6



#30

Chloroform

Concen: 22.190 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY017136.D

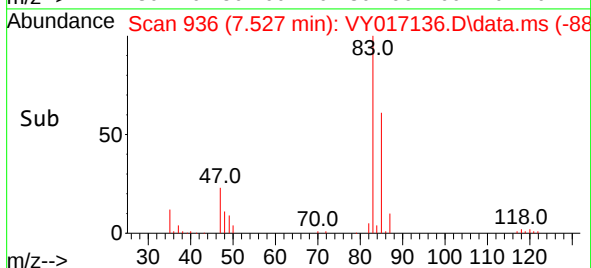
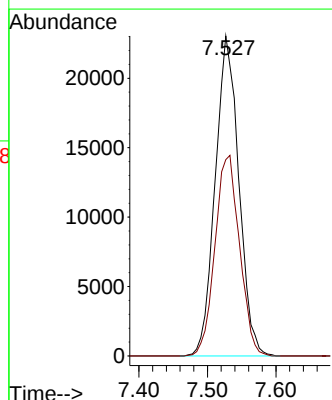
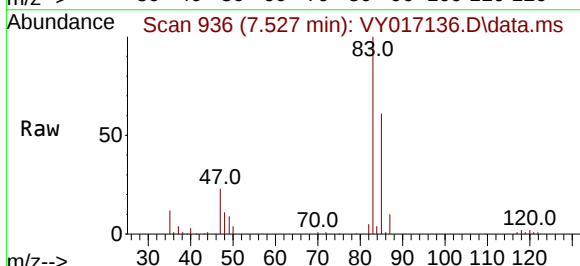
Acq: 30 Jan 2024 11:25

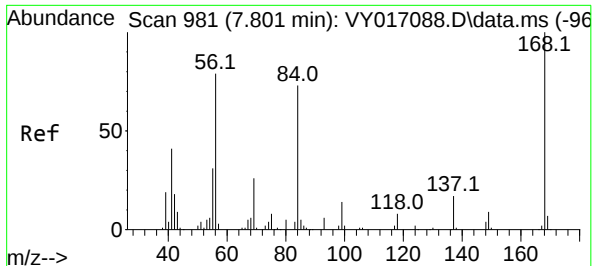
Tgt Ion: 83 Resp: 55162

Ion Ratio Lower Upper

83 100

85 61.3 51.2 76.8

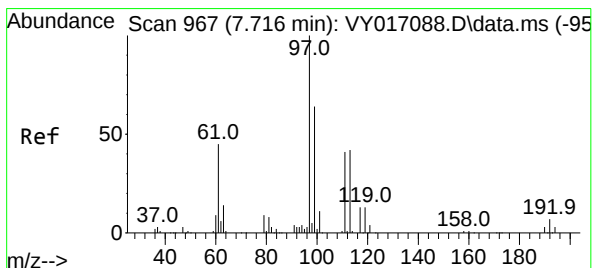
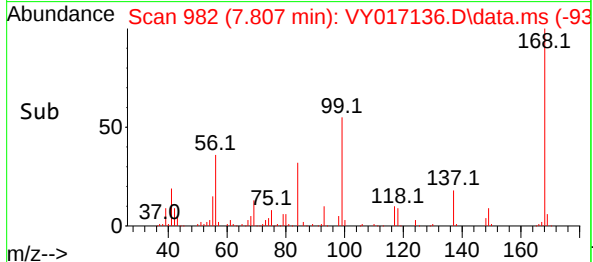
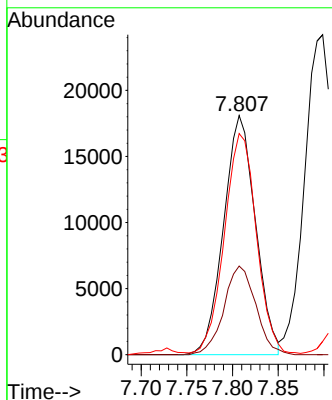
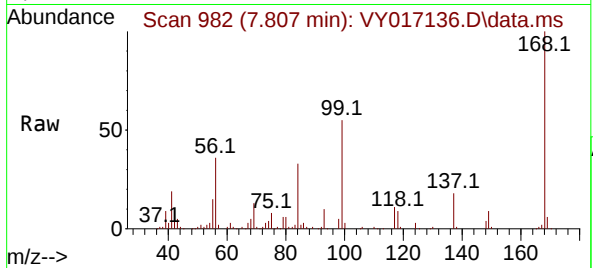




#31  
Cyclohexane  
Concen: 19.795 ug/l  
RT: 7.807 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

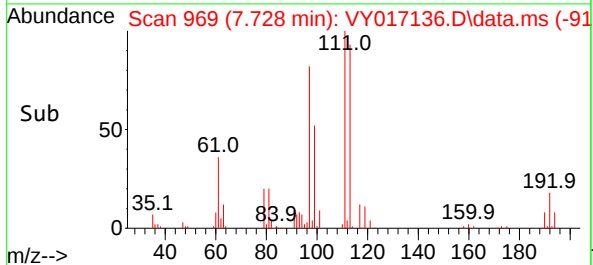
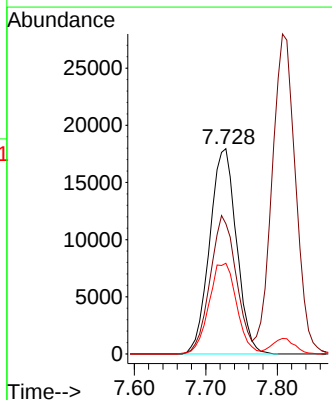
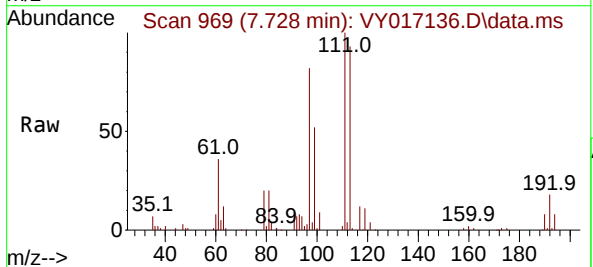
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

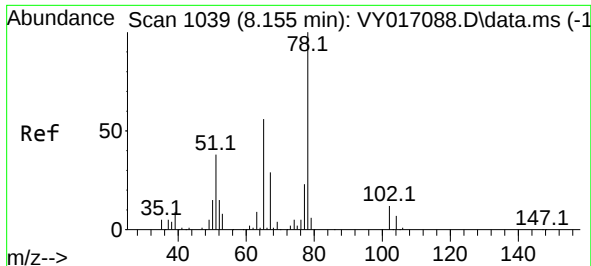
Tgt Ion: 56 Resp: 43939  
Ion Ratio Lower Upper  
56 100  
69 37.1 27.0 40.6  
84 91.6 71.8 107.6



#32  
1,1,1-Trichloroethane  
Concen: 21.899 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.012 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion: 97 Resp: 46680  
Ion Ratio Lower Upper  
97 100  
99 65.7 51.2 76.8  
61 45.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 53.632 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

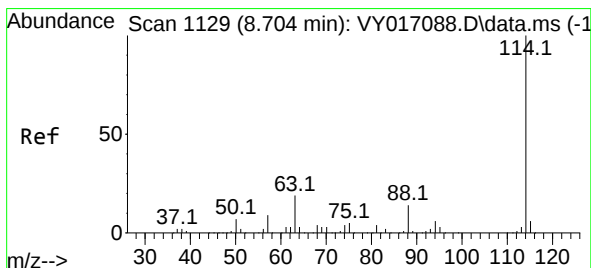
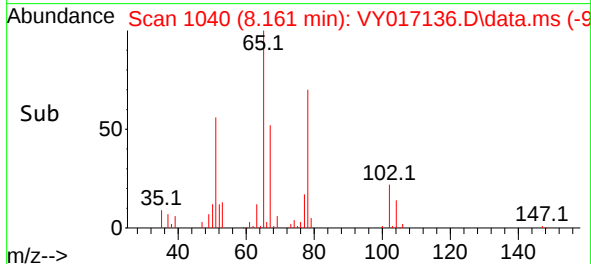
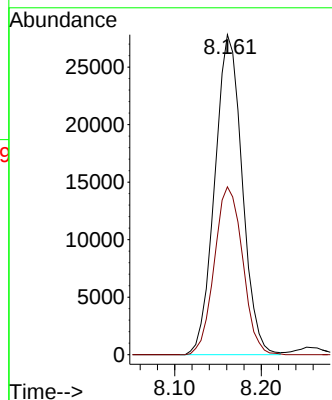
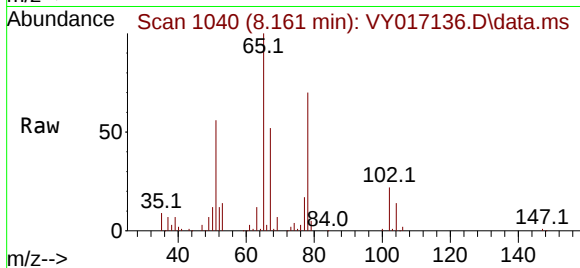
VY0130SBS01

Tgt Ion: 65 Resp: 61224

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

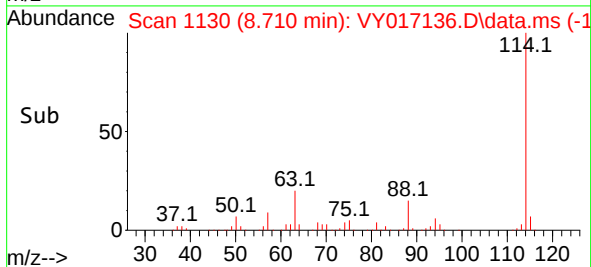
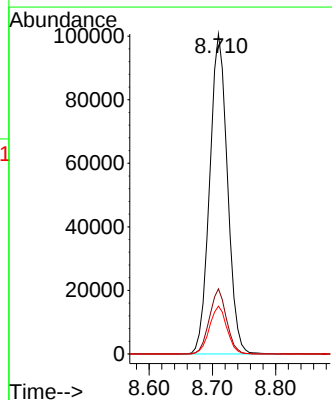
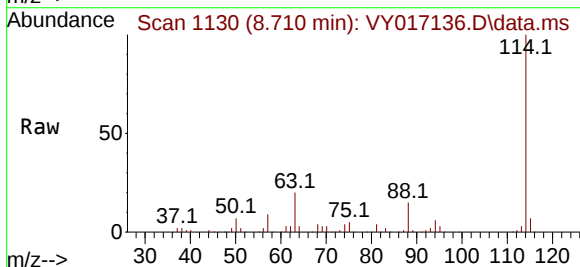
Tgt Ion: 114 Resp: 196256

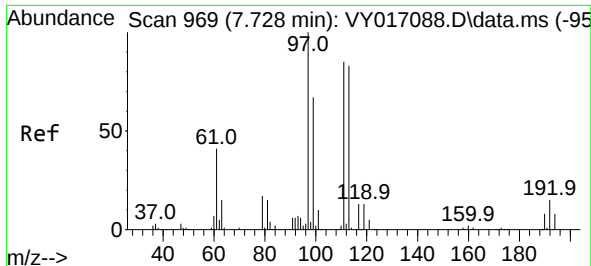
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 15.0 0.0 29.0

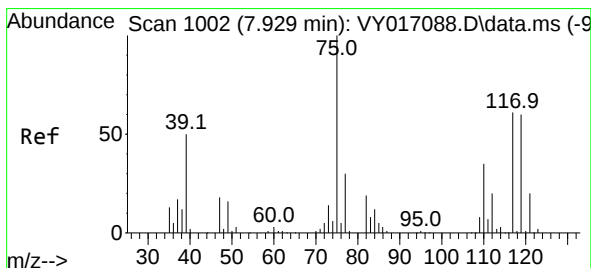
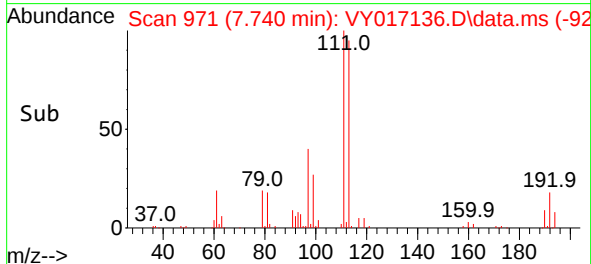
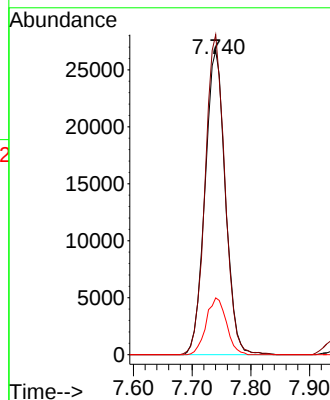
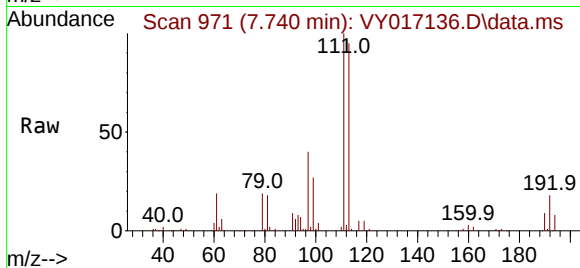




#35  
Dibromofluoromethane  
Concen: 54.186 ug/l  
RT: 7.740 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

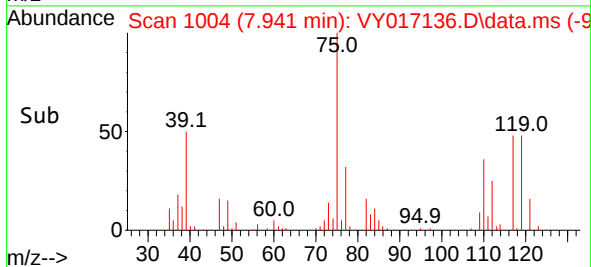
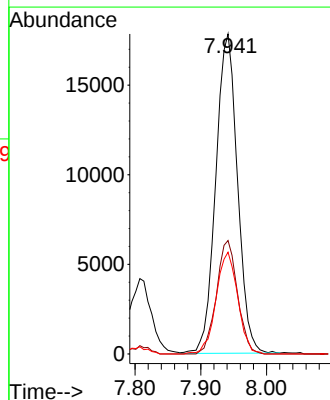
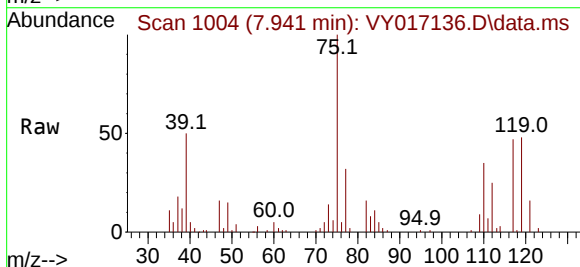
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBSD01

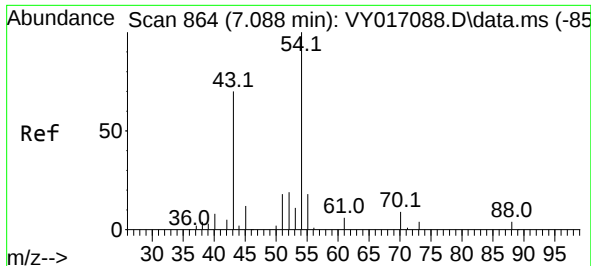
Tgt Ion:113 Resp: 64183  
Ion Ratio Lower Upper  
113 100  
111 102.2 83.8 125.6  
192 18.5 14.5 21.7



#36  
1,1-Dichloropropene  
Concen: 21.029 ug/l  
RT: 7.941 min Scan# 1004  
Delta R.T. 0.012 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion: 75 Resp: 40983  
Ion Ratio Lower Upper  
75 100  
110 34.3 17.4 52.3  
77 31.8 24.7 37.1





#37

Ethyl Acetate

Concen: 21.354 ug/l

RT: 7.100 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

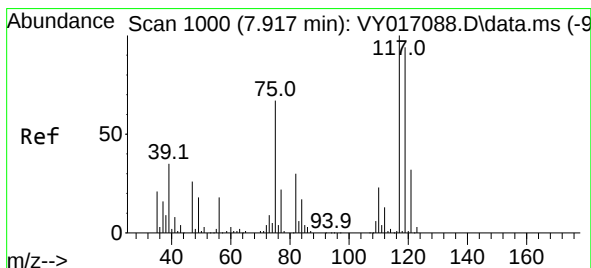
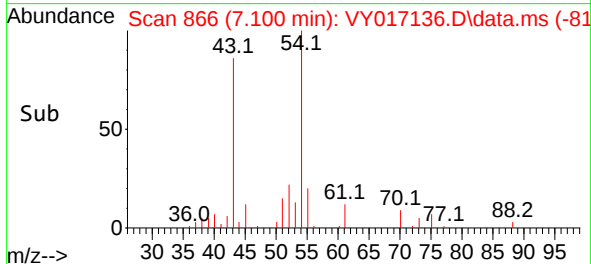
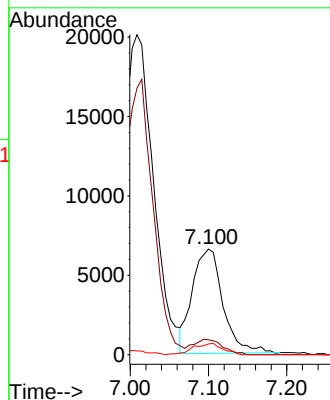
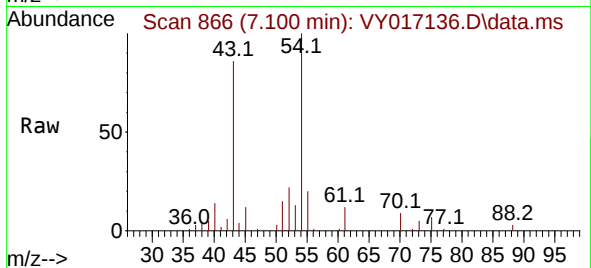
Tgt Ion: 43 Resp: 17894

Ion Ratio Lower Upper

43 100

61 14.1 11.0 16.6

70 10.4 8.1 12.1



#38

Carbon Tetrachloride

Concen: 21.732 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

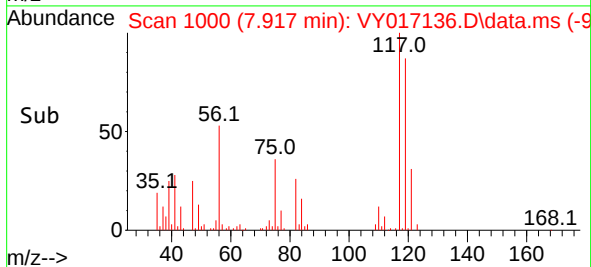
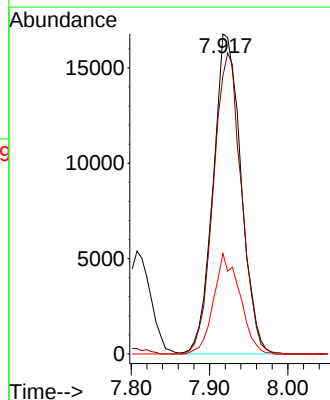
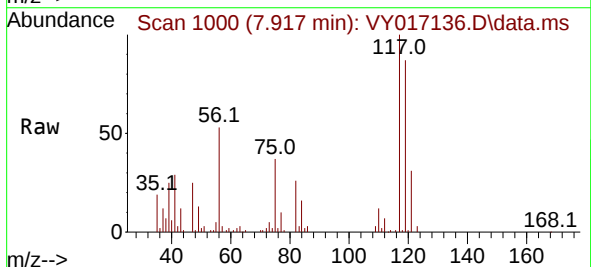
Tgt Ion: 117 Resp: 41505

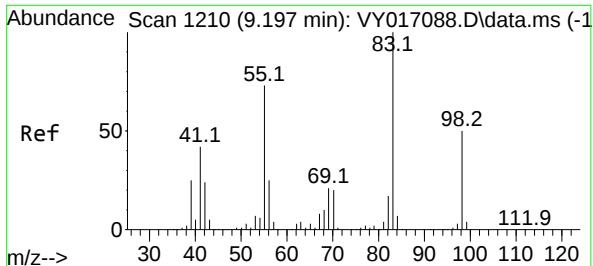
Ion Ratio Lower Upper

117 100

119 86.9 76.0 114.0

121 31.4 24.2 36.2





#39

Methylcyclohexane

Concen: 19.517 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBSD01

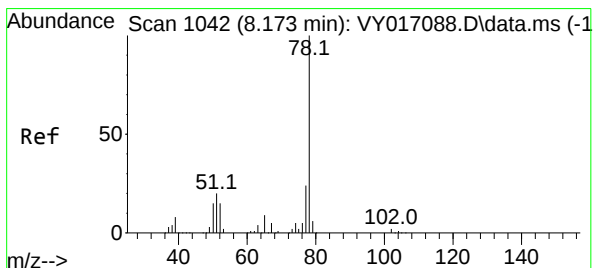
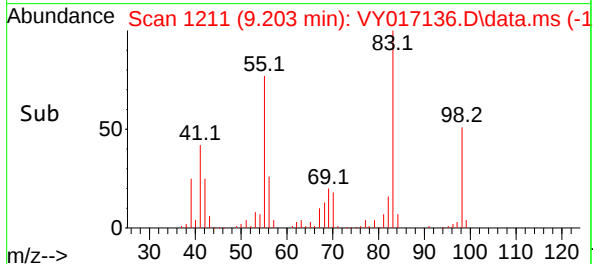
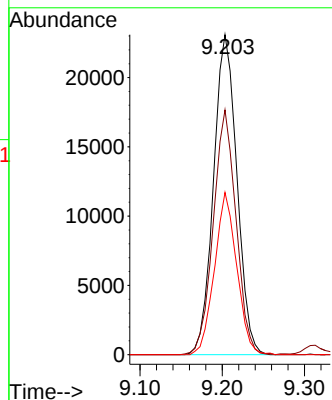
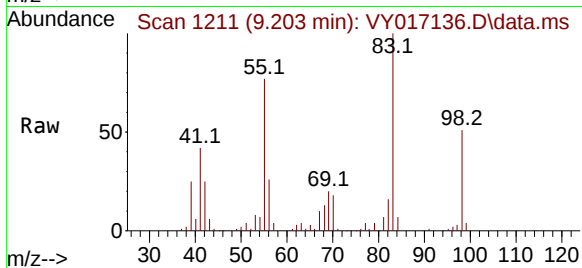
Tgt Ion: 83 Resp: 45748

Ion Ratio Lower Upper

83 100

55 76.5 59.7 89.5

98 50.7 38.0 57.0



#40

Benzene

Concen: 21.789 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY017136.D

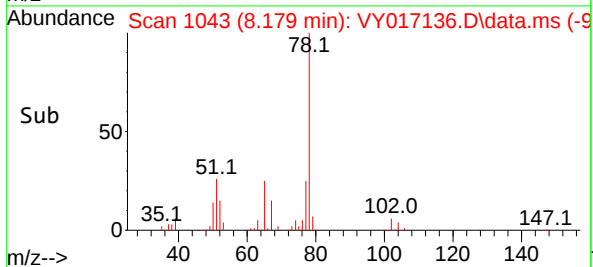
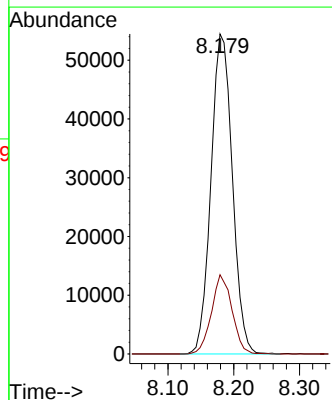
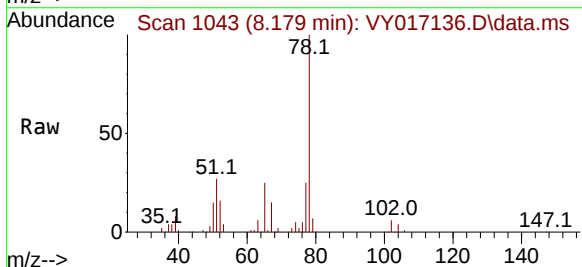
Acq: 30 Jan 2024 11:25

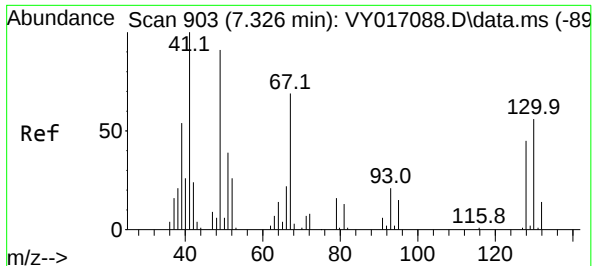
Tgt Ion: 78 Resp: 123323

Ion Ratio Lower Upper

78 100

77 24.7 18.8 28.2



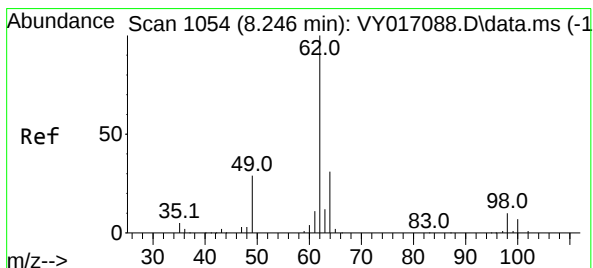
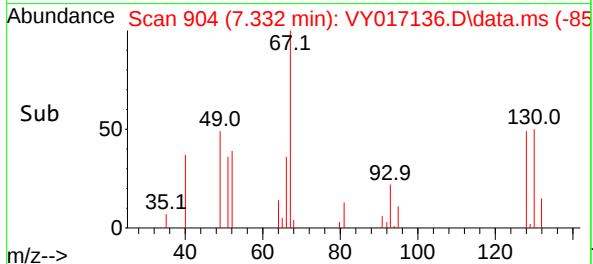
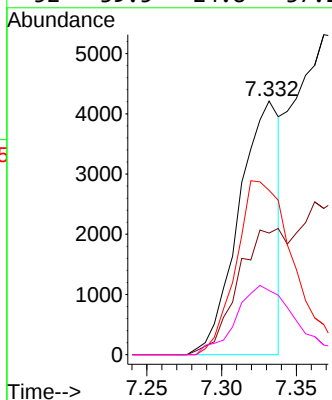
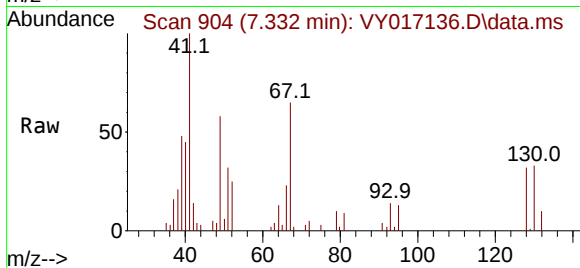


#41  
Methacrylonitrile  
Concen: 17.866 ug/l  
RT: 7.332 min Scan# 903  
Delta R.T. 0.013 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

Tgt Ion: 41 Resp: 8007

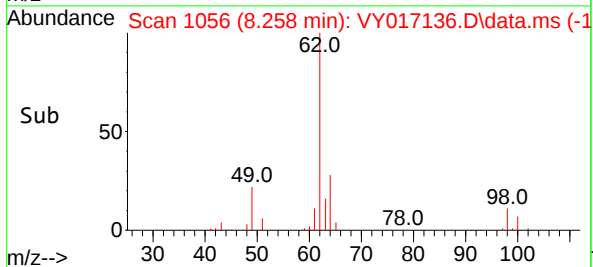
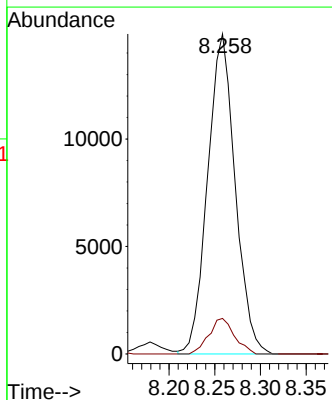
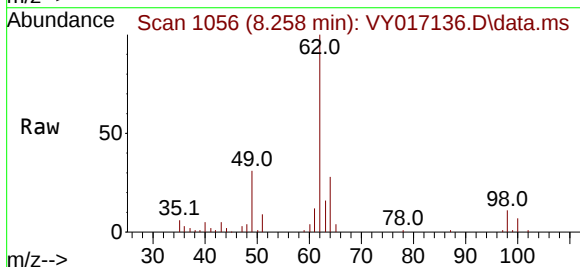
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 59.9  | 41.9  | 62.9  |
| 67  | 96.2  | 59.8  | 89.6# |
| 52  | 39.5  | 24.8  | 37.2# |

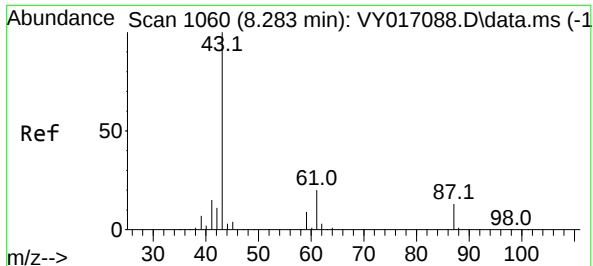


#42  
1,2-Dichloroethane  
Concen: 21.252 ug/l  
RT: 8.258 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion: 62 Resp: 31183

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.3  | 0.0   | 20.2  |





#43

Isopropyl Acetate

Concen: 21.454 ug/l

RT: 8.295 min Scan# 1062

Delta R.T. 0.012 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

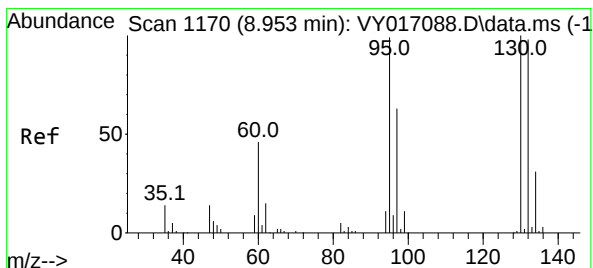
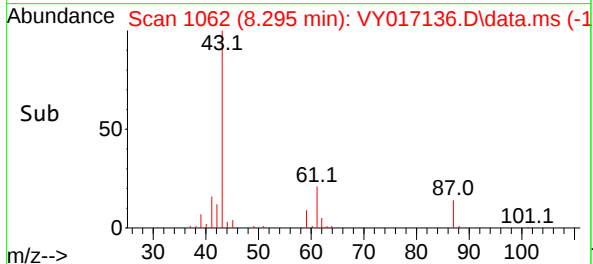
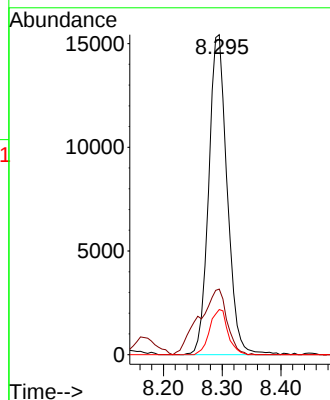
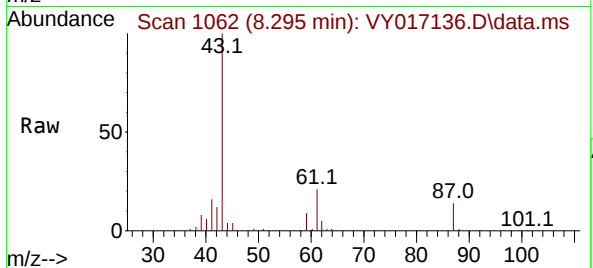
Tgt Ion: 43 Resp: 33562

Ion Ratio Lower Upper

43 100

61 30.9 24.8 37.2

87 13.9 10.7 16.1



#44

Trichloroethene

Concen: 21.686 ug/l

RT: 8.959 min Scan# 1171

Delta R.T. 0.012 min

Lab File: VY017136.D

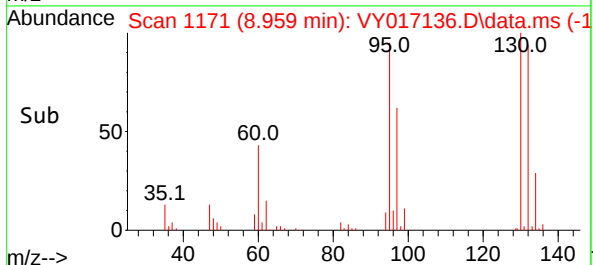
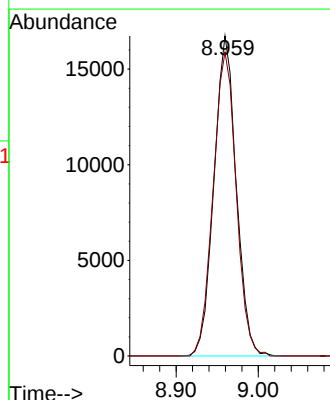
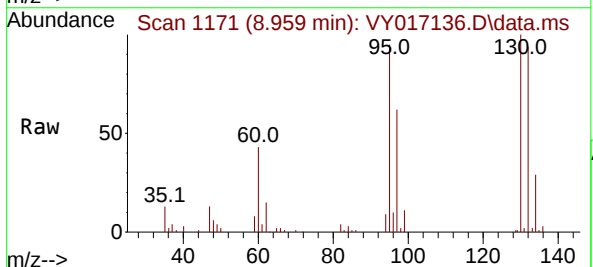
Acq: 30 Jan 2024 11:25

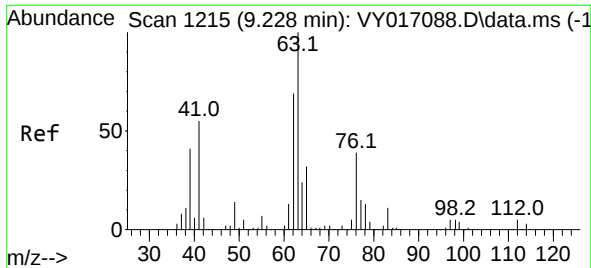
Tgt Ion:130 Resp: 31480

Ion Ratio Lower Upper

130 100

95 94.9 0.0 203.8

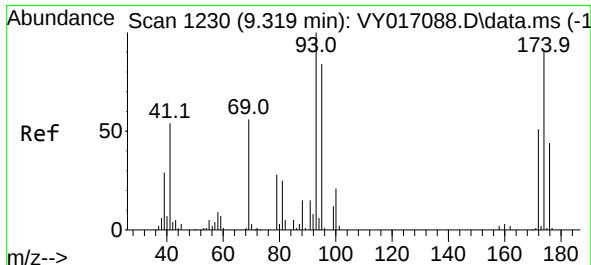
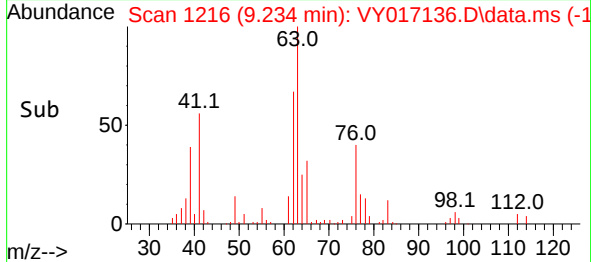
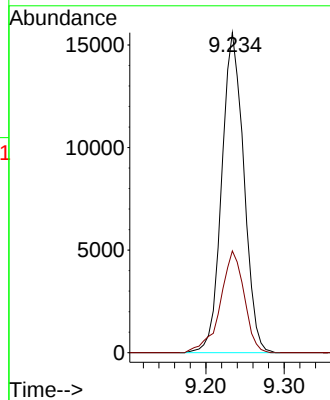
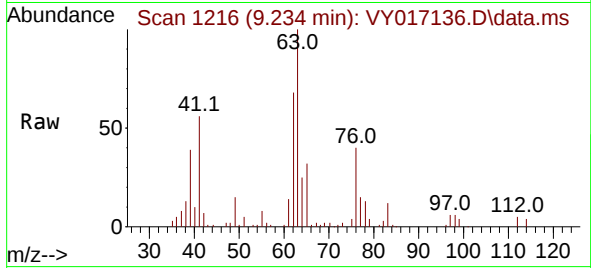




#45  
1,2-Dichloropropane  
Concen: 21.985 ug/l  
RT: 9.234 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

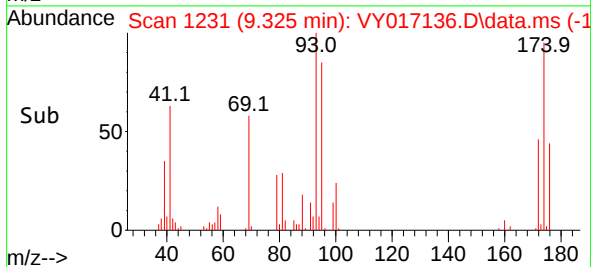
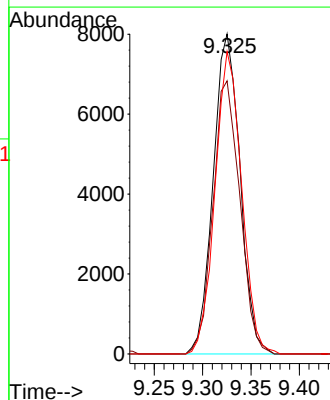
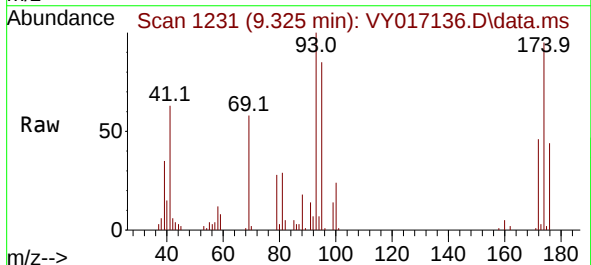
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBSD01

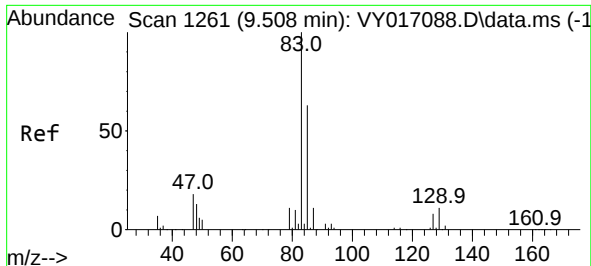
Tgt Ion: 63 Resp: 30541  
Ion Ratio Lower Upper  
63 100  
65 31.8 24.6 36.8



#46  
Dibromomethane  
Concen: 20.923 ug/l  
RT: 9.325 min Scan# 1231  
Delta R.T. 0.012 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion: 93 Resp: 15436  
Ion Ratio Lower Upper  
93 100  
95 85.6 66.6 99.8  
174 93.5 73.8 110.6

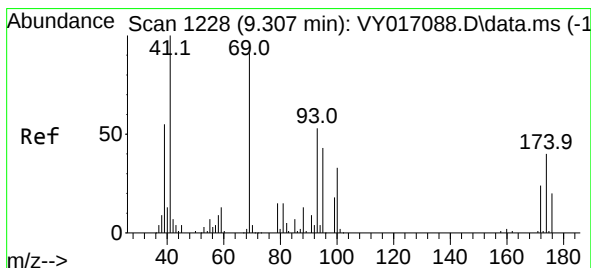
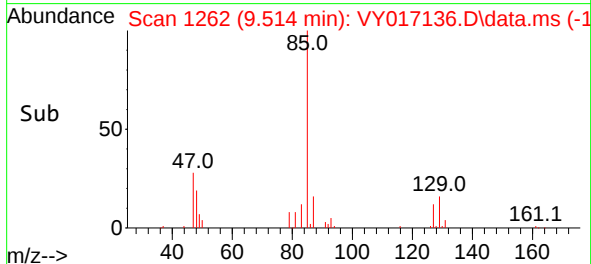
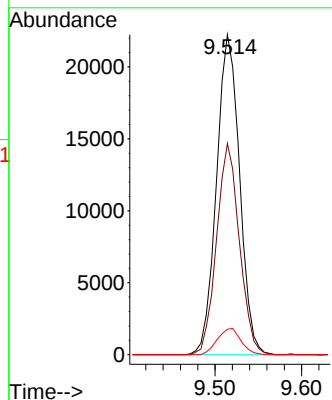
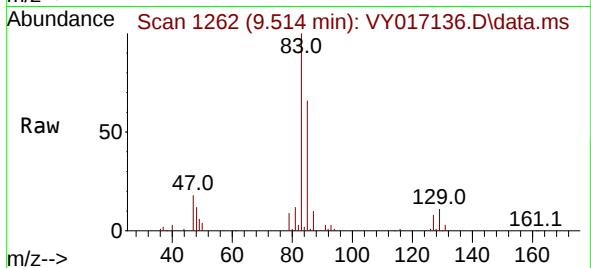




#47  
Bromodichloromethane  
Concen: 21.932 ug/l  
RT: 9.514 min Scan# 1262  
Delta R.T. 0.006 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

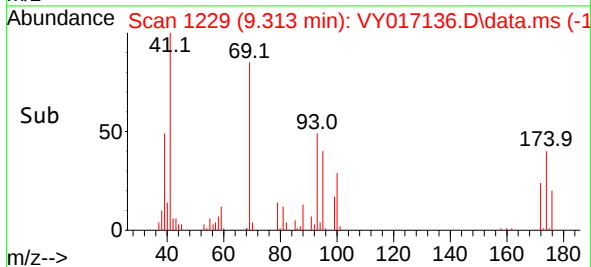
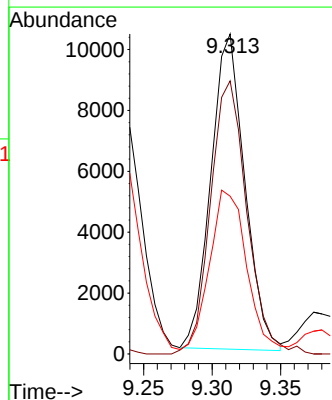
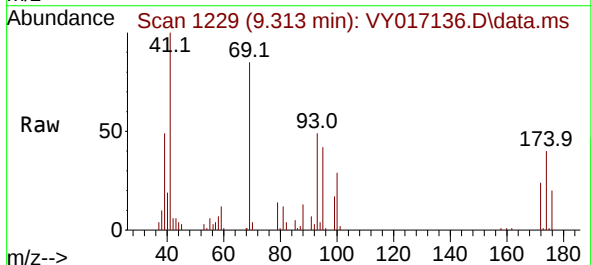
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBSD01

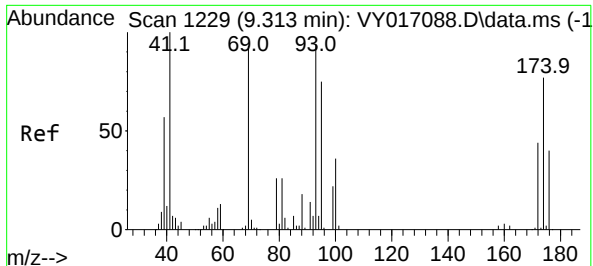
Tgt Ion: 83 Resp: 41164  
Ion Ratio Lower Upper  
83 100  
85 66.0 53.2 79.8  
127 7.9 6.4 9.6



#48  
Methyl methacrylate  
Concen: 20.522 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.012 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion: 41 Resp: 17825  
Ion Ratio Lower Upper  
41 100  
69 93.0 72.1 108.1  
39 55.0 42.8 64.2





#49

1,4-Dioxane

Concen: 466.516 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

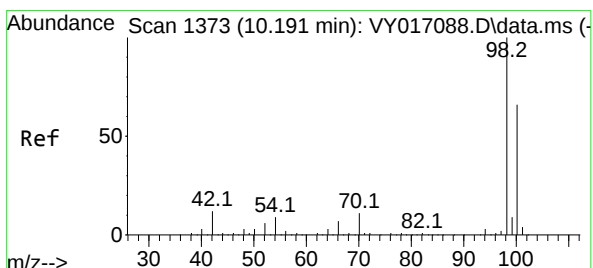
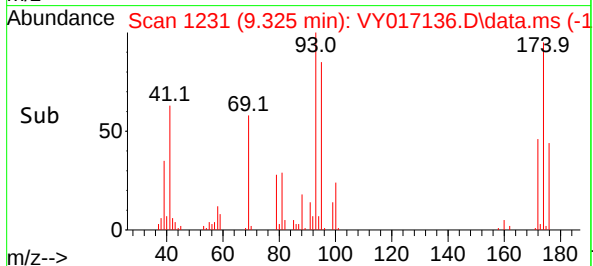
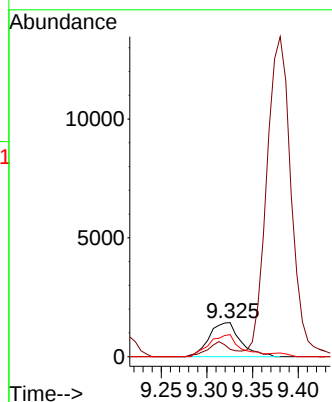
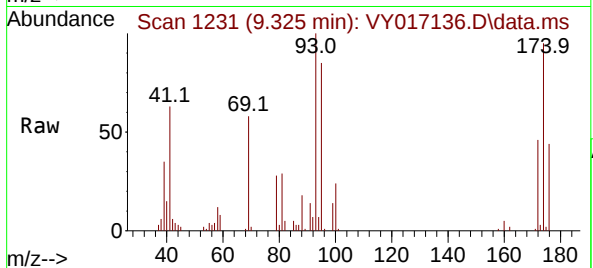
Tgt Ion: 88 Resp: 3385

Ion Ratio Lower Upper

88 100

43 33.5 28.2 42.4

58 65.3 52.2 78.2



#50

Toluene-d8

Concen: 55.495 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017136.D

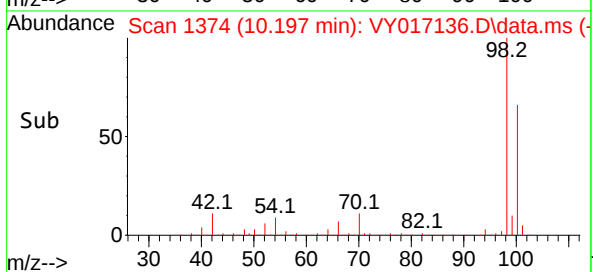
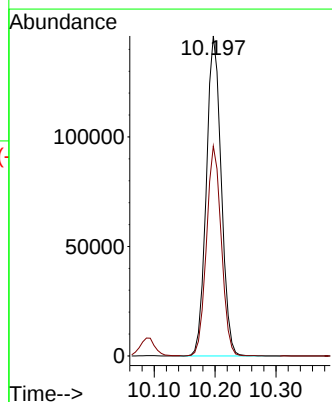
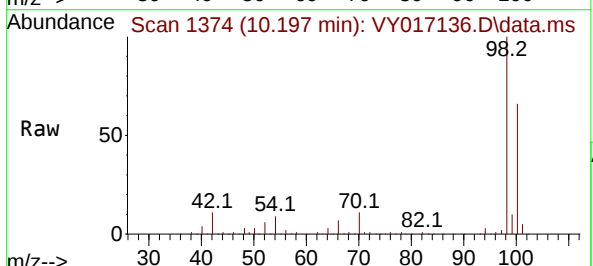
Acq: 30 Jan 2024 11:25

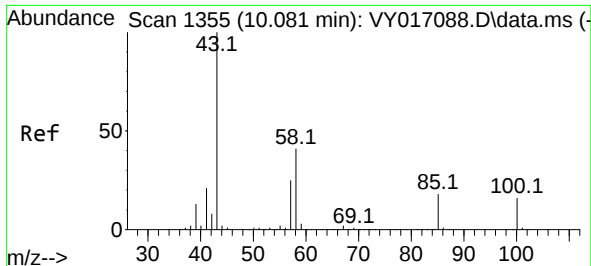
Tgt Ion: 98 Resp: 248276

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 112.312 ug/l

RT: 10.087 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

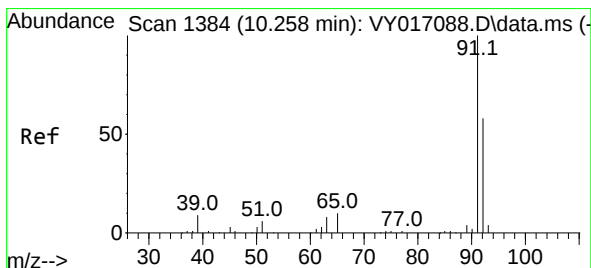
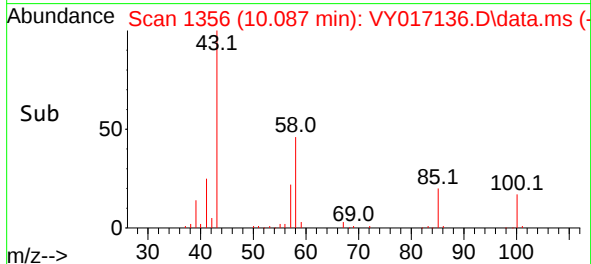
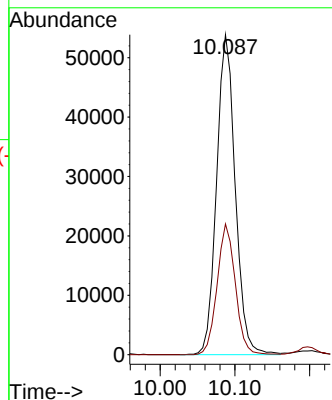
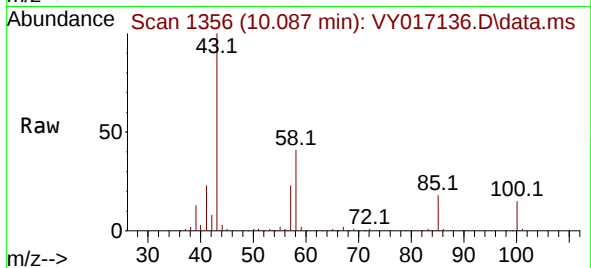
VY0130SBS01

Tgt Ion: 43 Resp: 93463

Ion Ratio Lower Upper

43 100

58 39.9 32.2 48.2



#52

Toluene

Concen: 21.549 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY017136.D

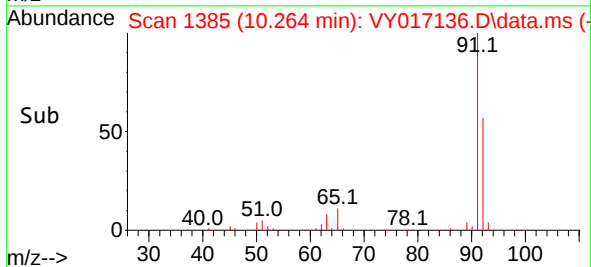
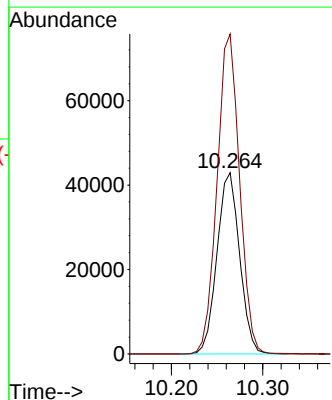
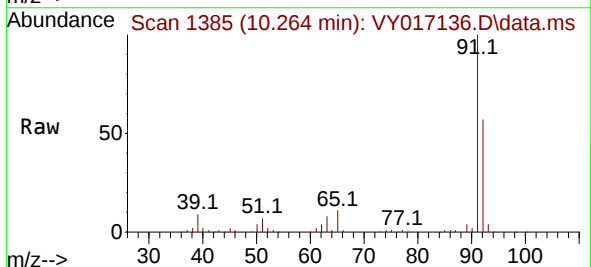
Acq: 30 Jan 2024 11:25

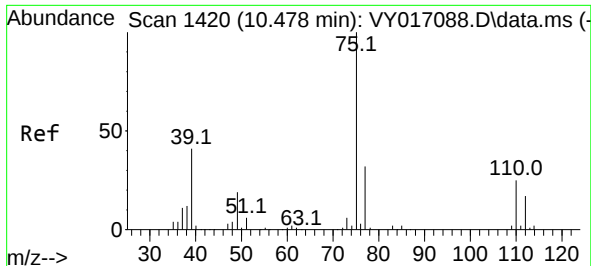
Tgt Ion: 92 Resp: 73818

Ion Ratio Lower Upper

92 100

91 175.8 137.6 206.4

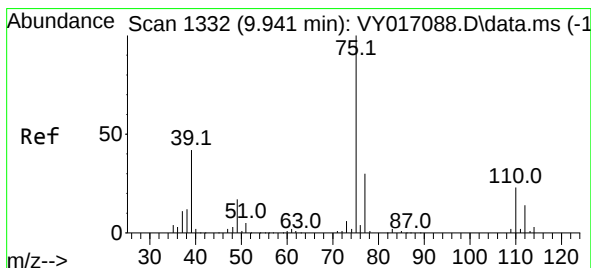
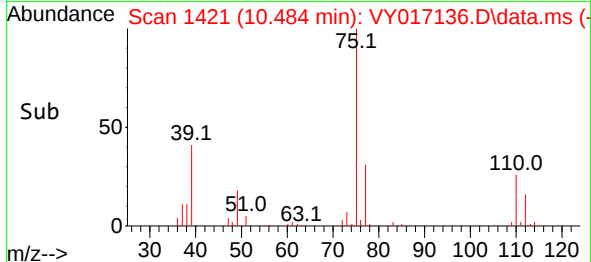
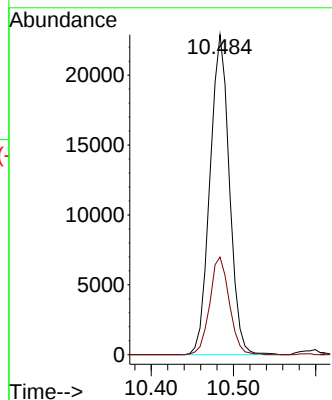
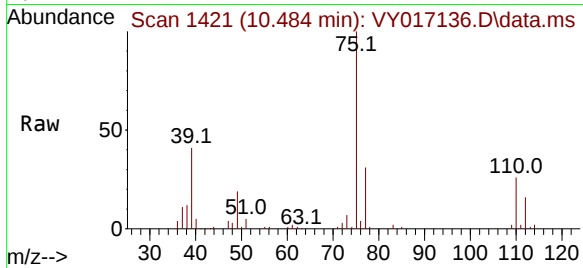




#53  
t-1,3-Dichloropropene  
Concen: 21.906 ug/l  
RT: 10.484 min Scan# 1420  
Delta R.T. 0.013 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

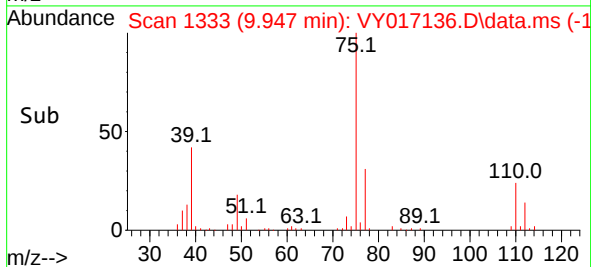
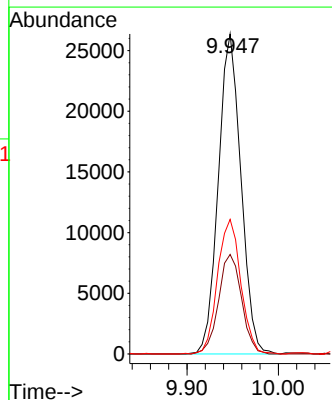
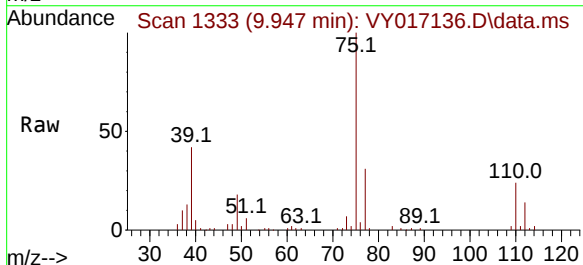
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBSD01

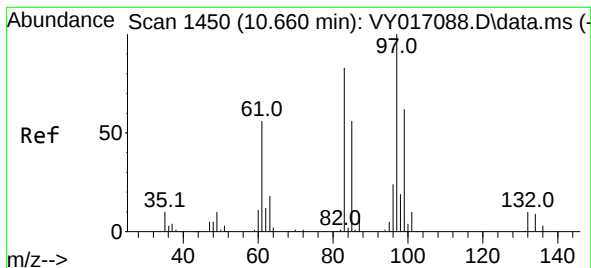
Tgt Ion: 75 Resp: 37559  
Ion Ratio Lower Upper  
75 100  
77 30.5 24.6 36.8



#54  
cis-1,3-Dichloropropene  
Concen: 21.511 ug/l  
RT: 9.947 min Scan# 1333  
Delta R.T. 0.006 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion: 75 Resp: 45361  
Ion Ratio Lower Upper  
75 100  
77 31.1 24.6 36.8  
39 42.1 33.6 50.4

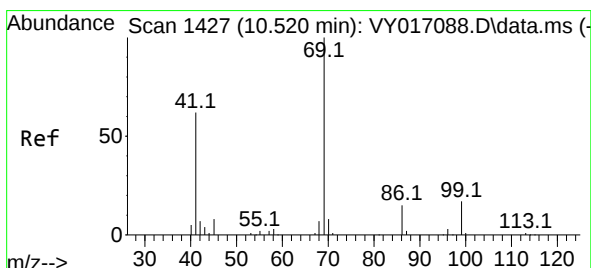
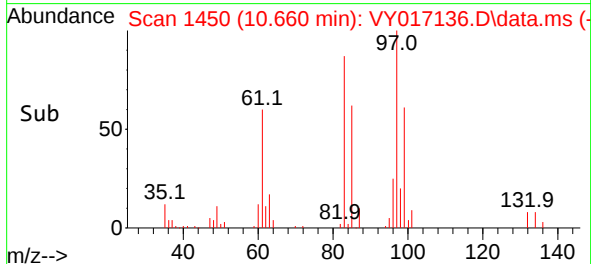
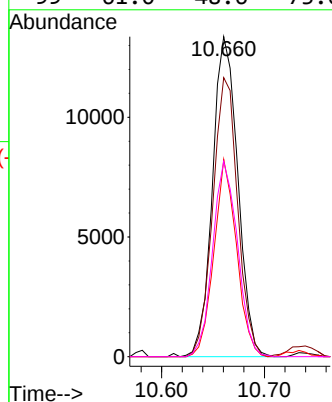
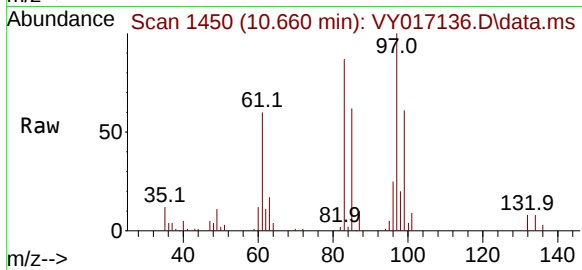




#55  
1,1,2-Trichloroethane  
Concen: 22.170 ug/l  
RT: 10.660 min Scan# 1450  
Delta R.T. 0.006 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

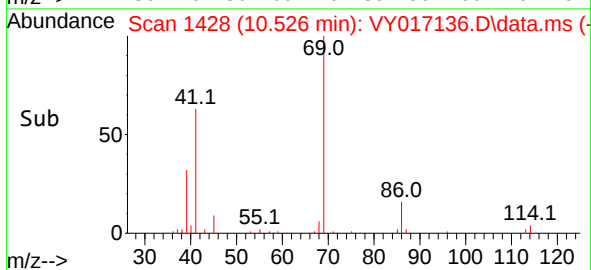
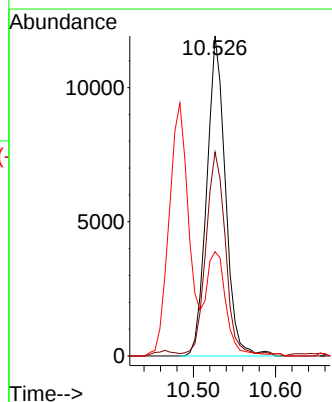
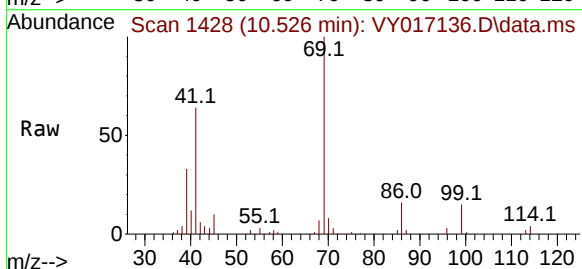
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBSD01

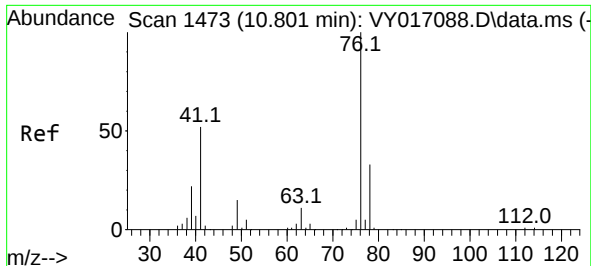
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 22860 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 87.2     | 69.4 104.2  |
| 85 61.7     | 43.9 65.9   |
| 99 61.0     | 48.6 73.0   |



#56  
Ethyl methacrylate  
Concen: 20.843 ug/l  
RT: 10.526 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 18794 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 64.2     | 49.2 73.8   |
| 39 33.0     | 26.8 40.2   |





#57

1,3-Dichloropropane

Concen: 21.695 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.007 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

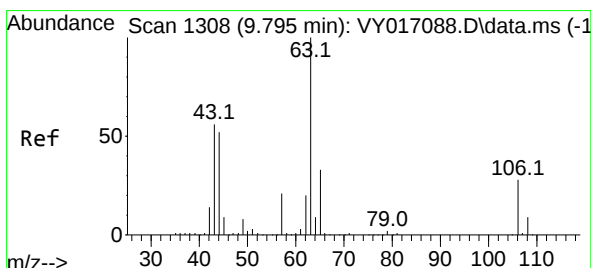
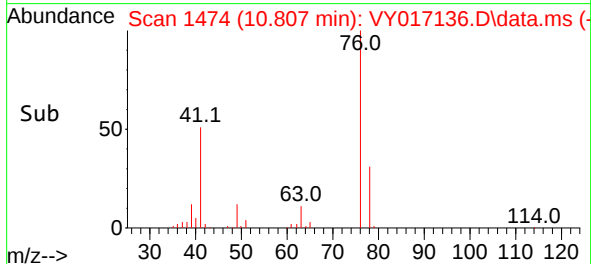
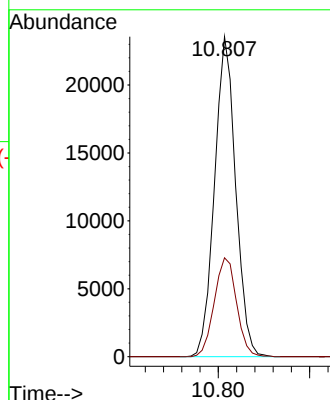
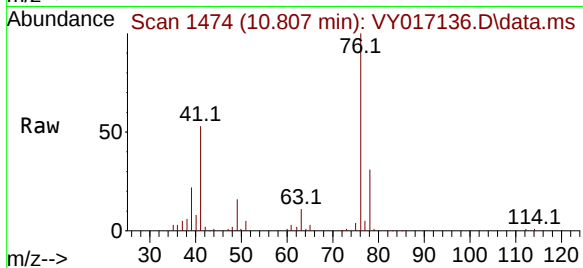
VY0130SBSD01

Tgt Ion: 76 Resp: 37821

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 107.485 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.013 min

Lab File: VY017136.D

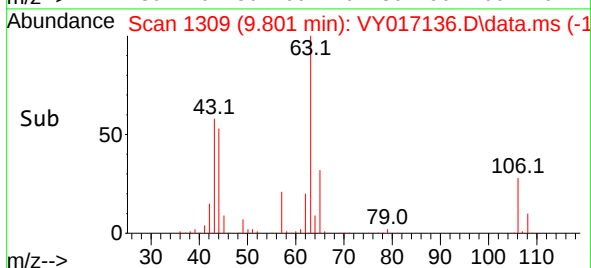
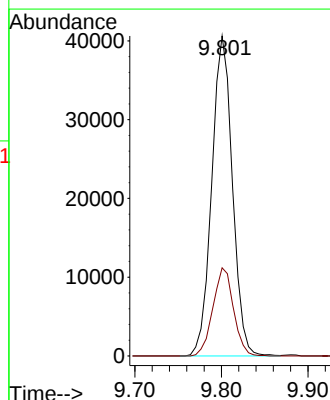
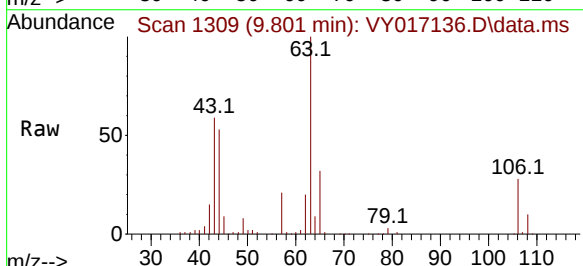
Acq: 30 Jan 2024 11:25

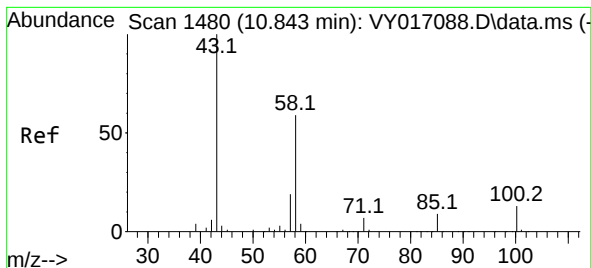
Tgt Ion: 63 Resp: 67275

Ion Ratio Lower Upper

63 100

106 27.5 22.4 33.6





#59

2-Hexanone

Concen: 123.425 ug/l

RT: 10.849 min Scan# 1480

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

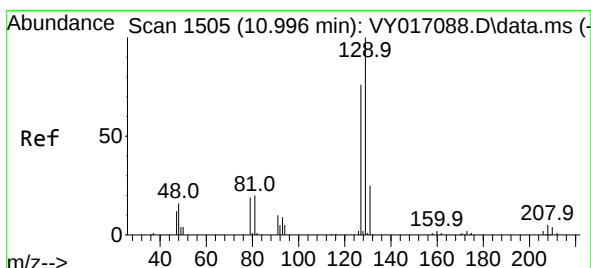
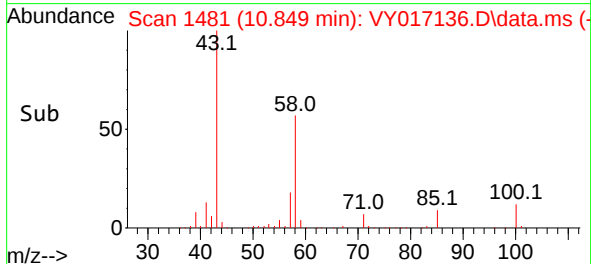
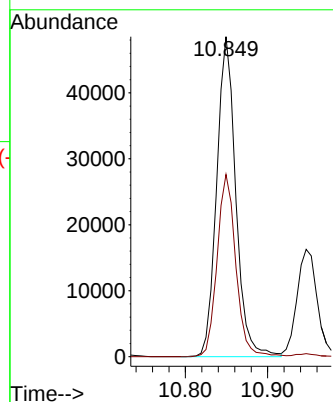
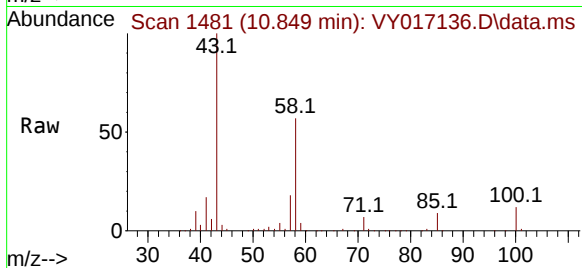
VY0130SBS01

Tgt Ion: 43 Resp: 78359

Ion Ratio Lower Upper

43 100

58 55.7 28.1 84.3



#60

Dibromochloromethane

Concen: 22.271 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.006 min

Lab File: VY017136.D

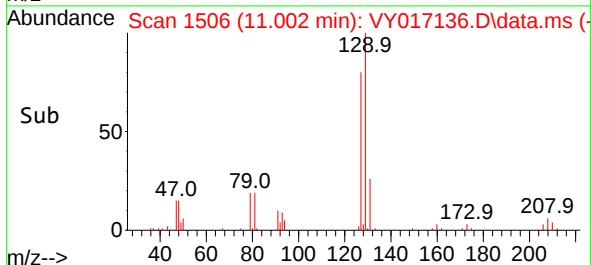
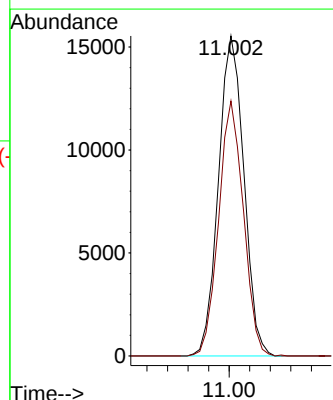
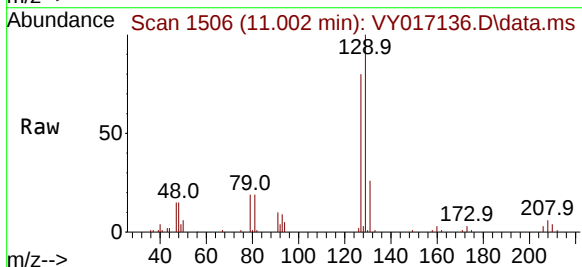
Acq: 30 Jan 2024 11:25

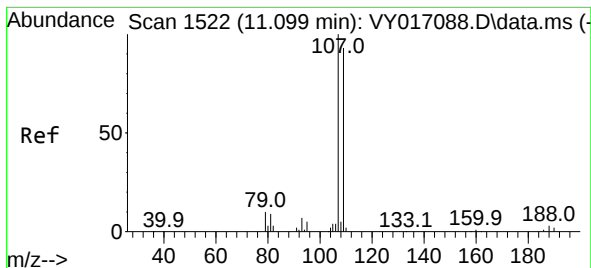
Tgt Ion:129 Resp: 26679

Ion Ratio Lower Upper

129 100

127 77.5 39.2 117.6





#61

1,2-Dibromoethane

Concen: 21.655 ug/l

RT: 11.105 min Scan# 1523

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

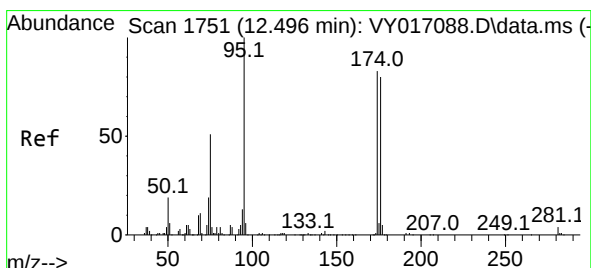
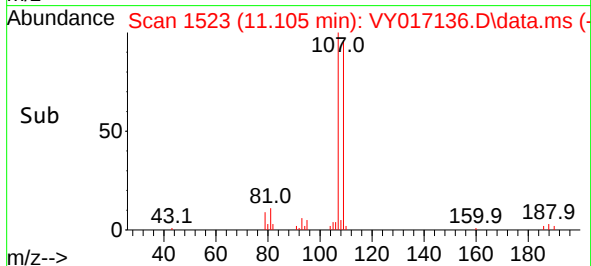
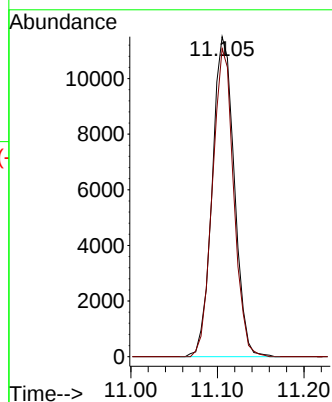
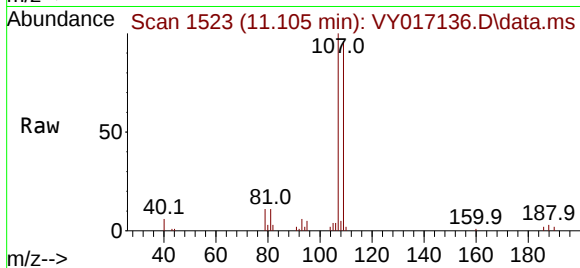
VY0130SBSD01

Tgt Ion:107 Resp: 20284

Ion Ratio Lower Upper

107 100

109 93.0 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 55.482 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

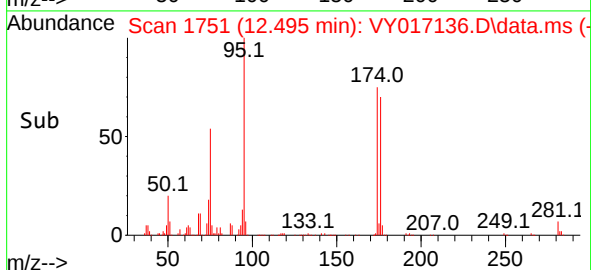
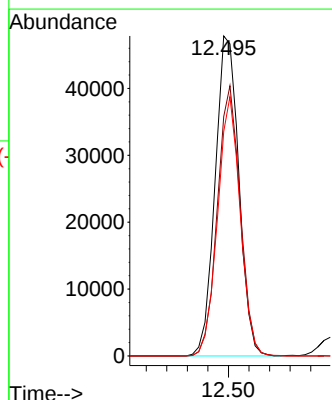
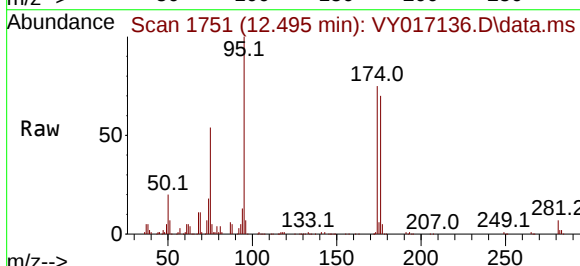
Tgt Ion: 95 Resp: 76465

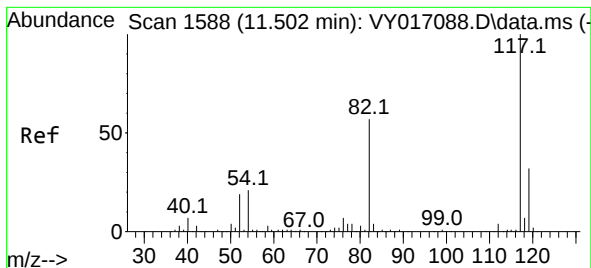
Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.0

176 77.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

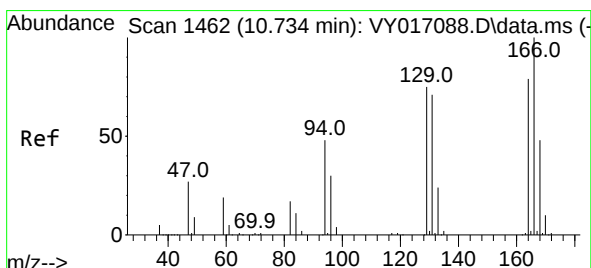
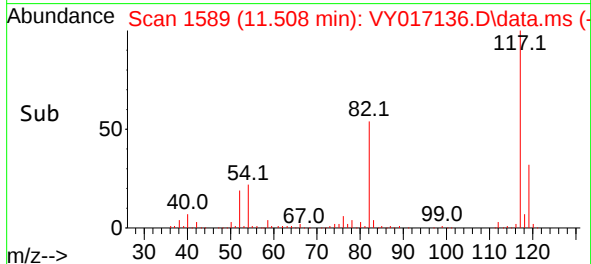
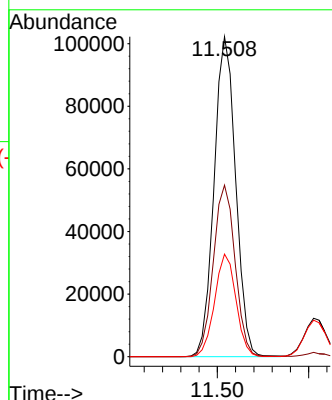
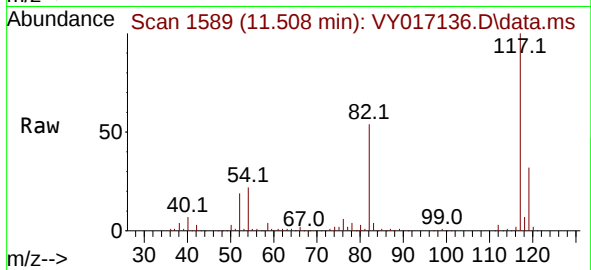
Tgt Ion:117 Resp: 167641

Ion Ratio Lower Upper

117 100

82 53.6 43.8 65.8

119 32.0 26.5 39.7



#64

Tetrachloroethene

Concen: 21.101 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.013 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Tgt Ion:164 Resp: 24656

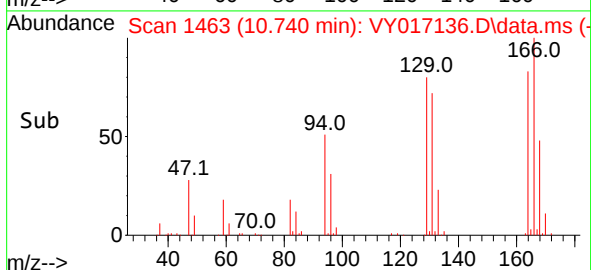
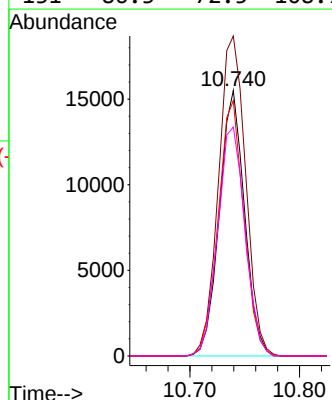
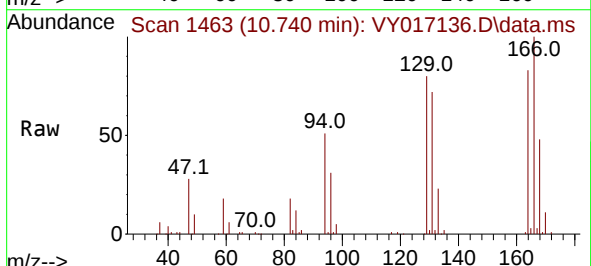
Ion Ratio Lower Upper

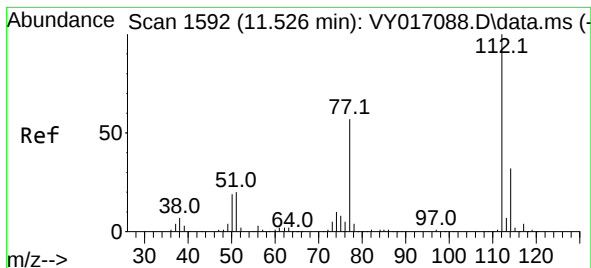
164 100

166 120.6 98.8 148.2

129 96.2 78.9 118.3

131 86.3 72.5 108.7





#65

Chlorobenzene

Concen: 21.964 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

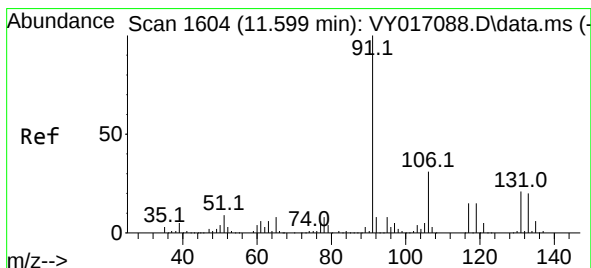
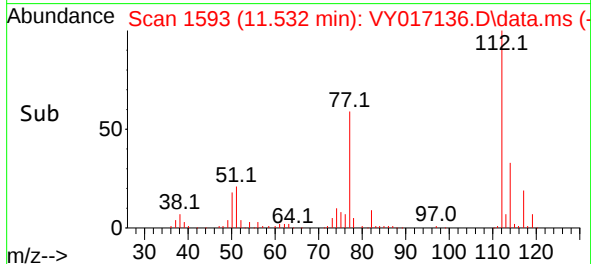
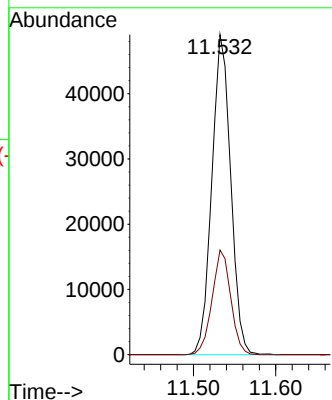
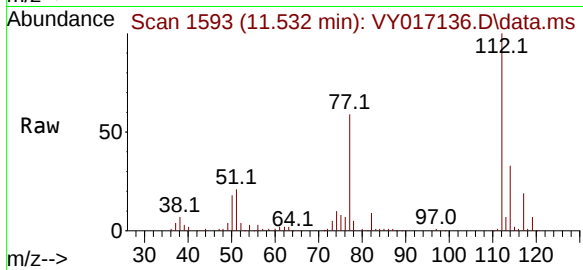
VY0130SBSD01

Tgt Ion:112 Resp: 78027

Ion Ratio Lower Upper

112 100

114 32.7 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 22.544 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

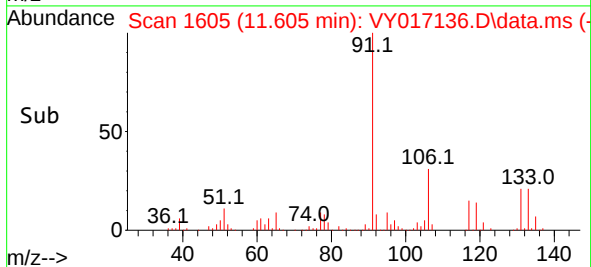
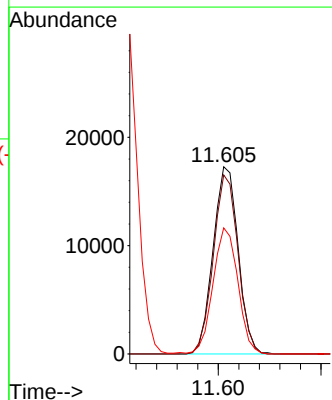
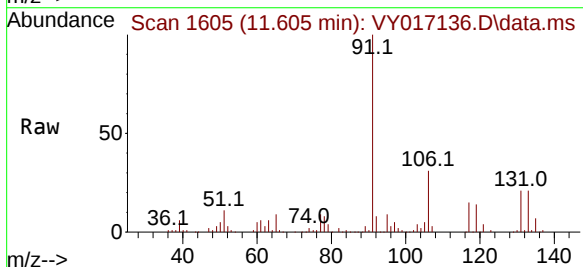
Tgt Ion:131 Resp: 29254

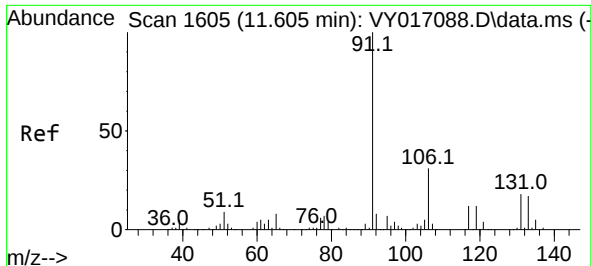
Ion Ratio Lower Upper

131 100

133 94.3 47.0 141.0

119 67.1 33.3 99.9





#67

Ethyl Benzene

Concen: 21.849 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

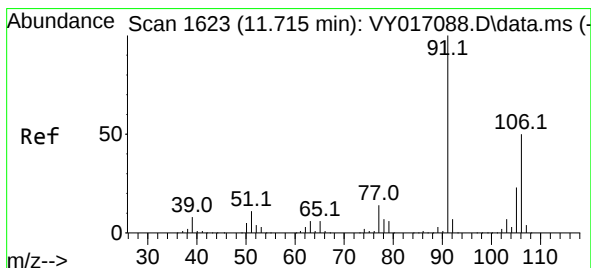
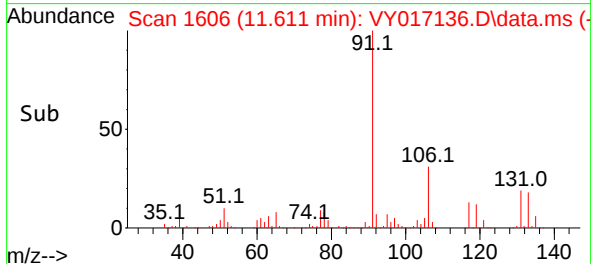
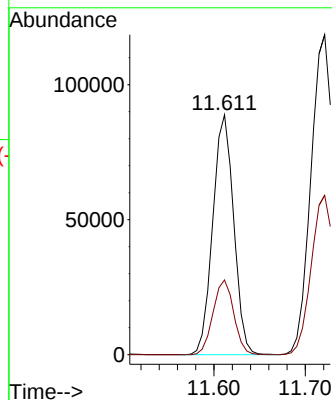
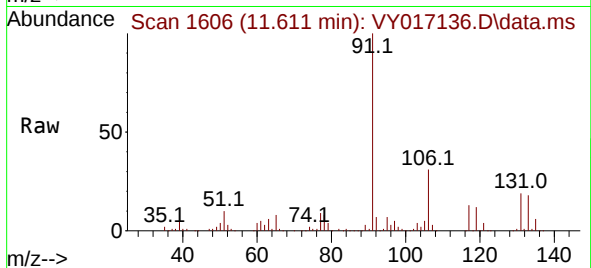
VY0130SBSD01

Tgt Ion: 91 Resp: 141105

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 44.085 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY017136.D

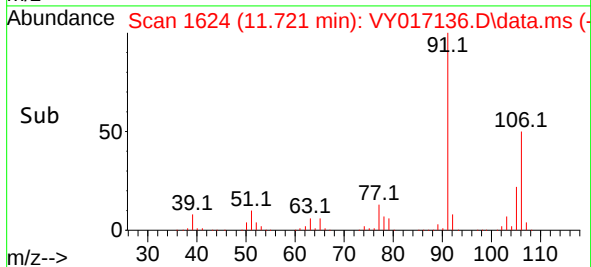
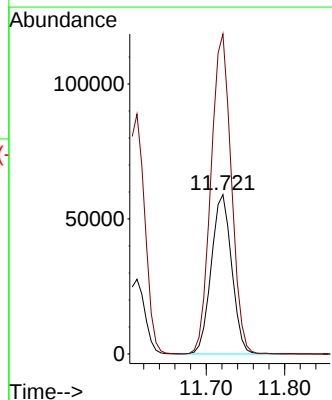
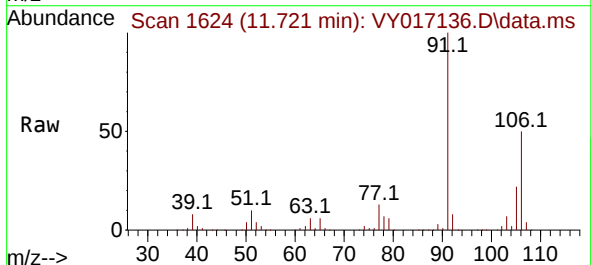
Acq: 30 Jan 2024 11:25

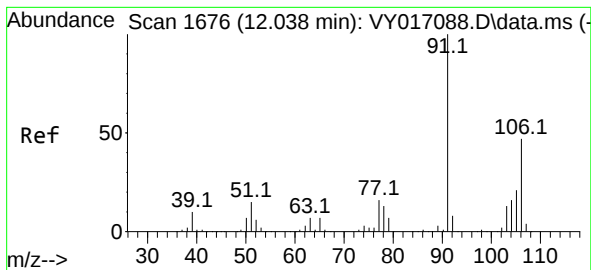
Tgt Ion:106 Resp: 106971

Ion Ratio Lower Upper

106 100

91 199.7 160.7 241.1

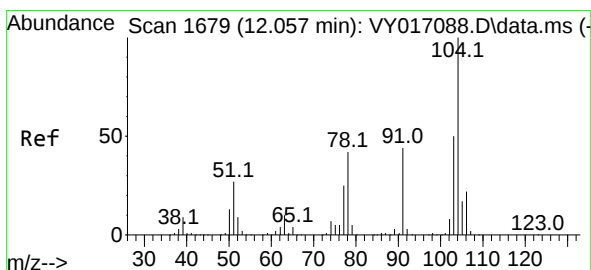
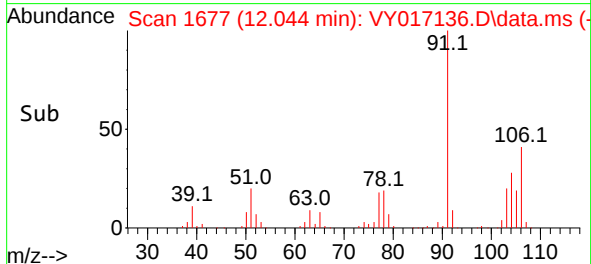
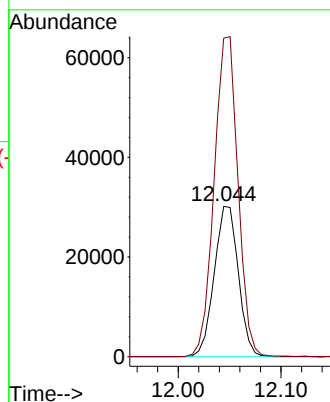
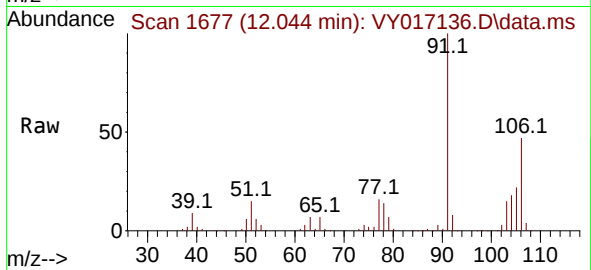




#69  
o-Xylene  
Concen: 22.224 ug/l  
RT: 12.044 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

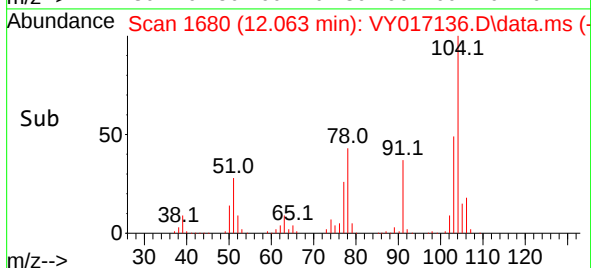
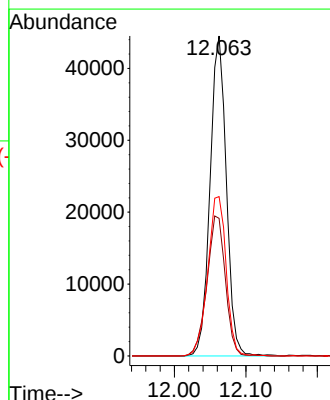
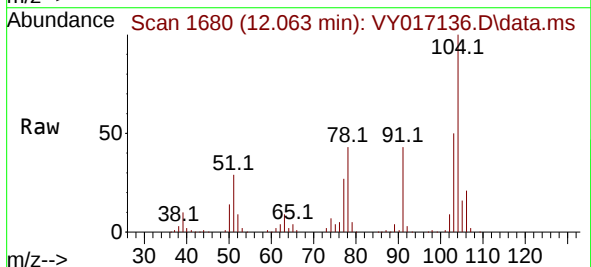
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBSD01

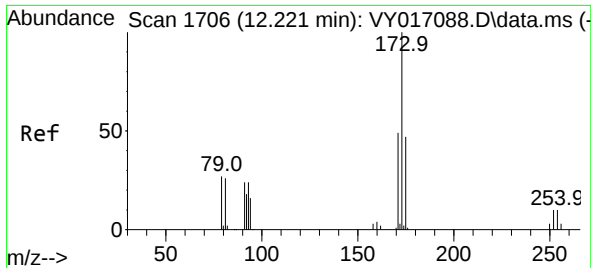
Tgt Ion:106 Resp: 48983  
Ion Ratio Lower Upper  
106 100  
91 211.3 106.5 319.5



#70  
Styrene  
Concen: 22.025 ug/l  
RT: 12.063 min Scan# 1680  
Delta R.T. 0.013 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion:104 Resp: 70477  
Ion Ratio Lower Upper  
104 100  
78 49.3 39.2 58.8  
103 56.4 43.8 65.6

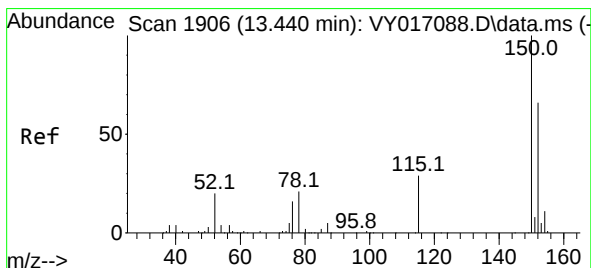
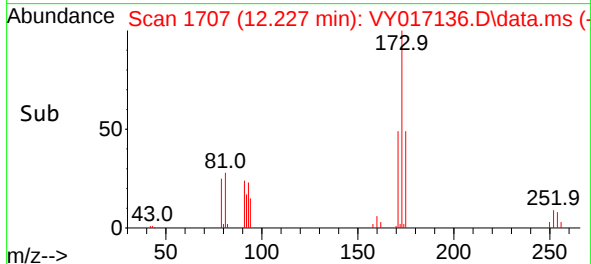
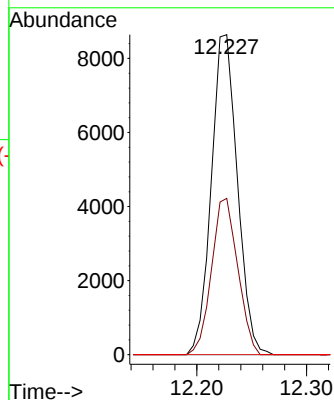
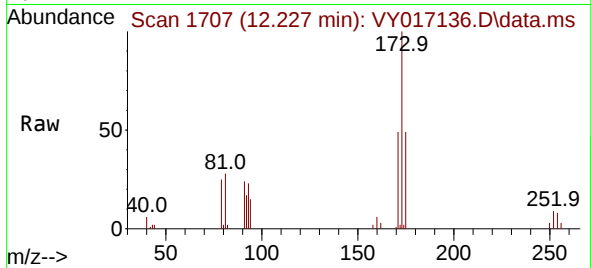




#71  
Bromoform  
Concen: 21.962 ug/l  
RT: 12.227 min Scan# 1707  
Delta R.T. 0.012 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

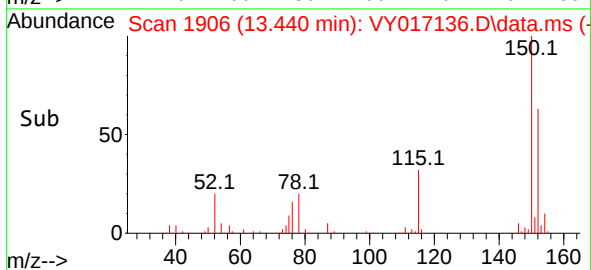
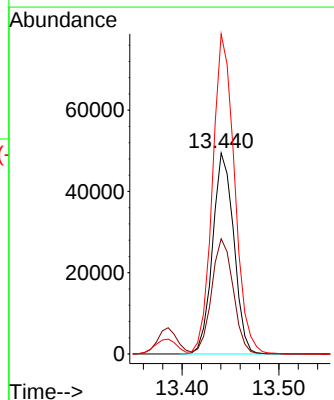
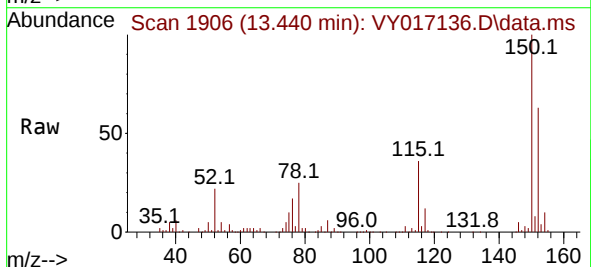
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

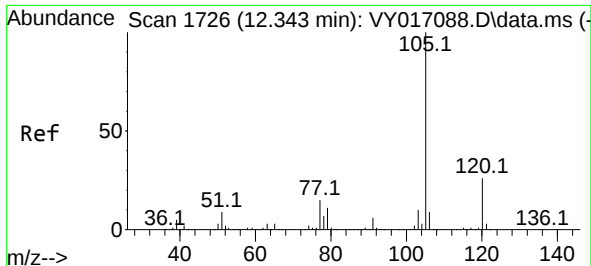
Tgt Ion:173 Resp: 14290  
Ion Ratio Lower Upper  
173 100  
175 49.1 23.5 70.6  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.440 min Scan# 1906  
Delta R.T. 0.006 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion:152 Resp: 75152  
Ion Ratio Lower Upper  
152 100  
115 58.4 30.0 90.0  
150 165.8 0.0 344.6

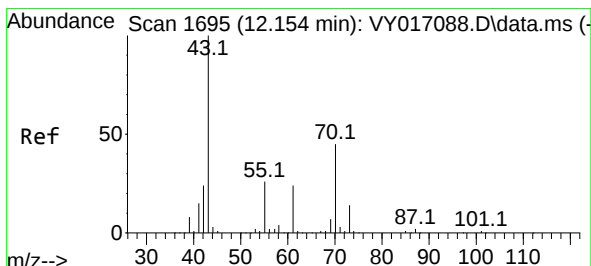
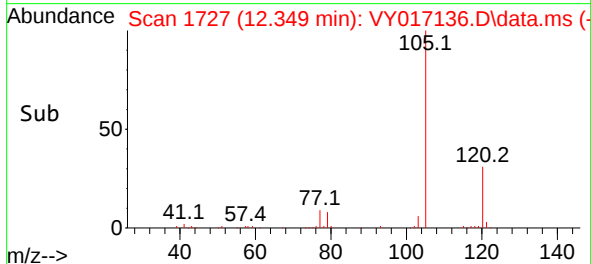
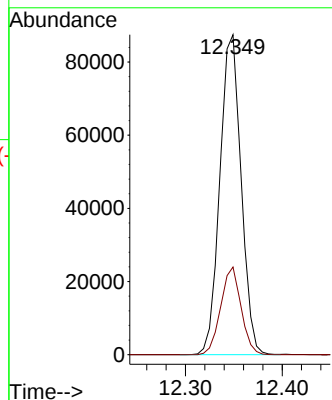
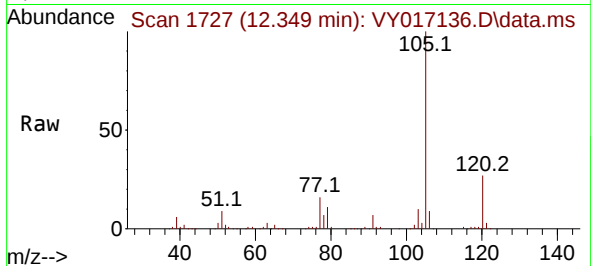




#73  
Isopropylbenzene  
Concen: 21.531 ug/l  
RT: 12.349 min Scan# 1727  
Delta R.T. 0.012 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

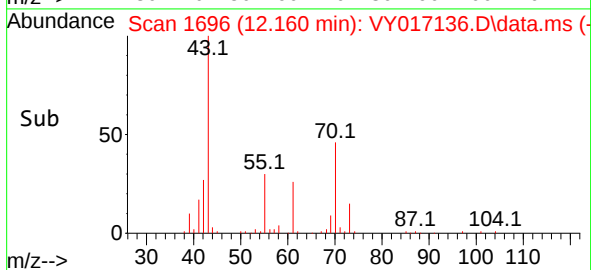
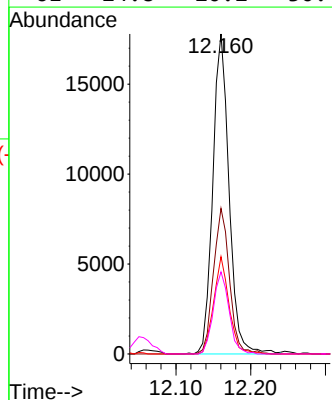
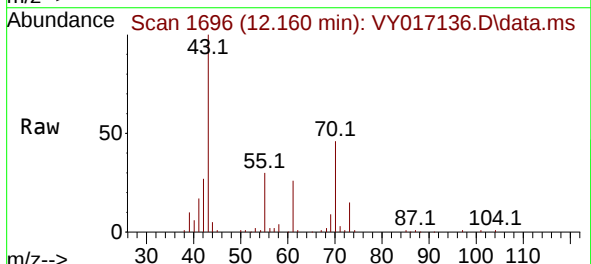
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBS01

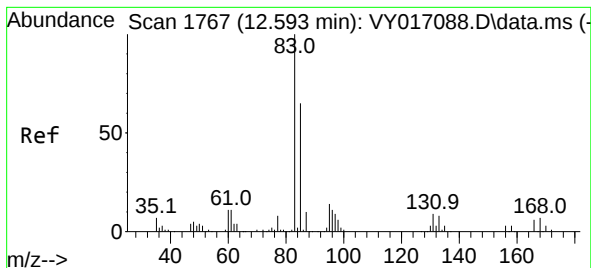
Tgt Ion:105 Resp: 133020  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.0 39.0



#74  
N-ethyl acetate  
Concen: 21.599 ug/l  
RT: 12.160 min Scan# 1696  
Delta R.T. 0.006 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion: 43 Resp: 26897  
Ion Ratio Lower Upper  
43 100  
70 45.0 36.6 55.0  
55 28.7 22.2 33.4  
61 24.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.703 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

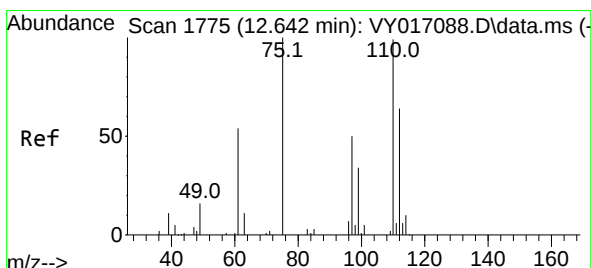
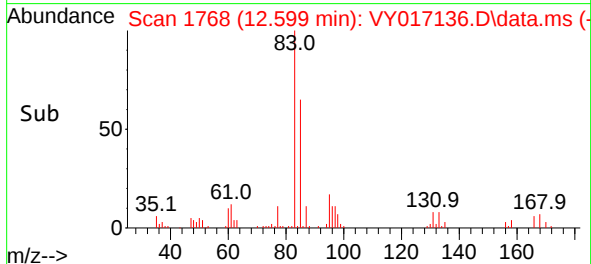
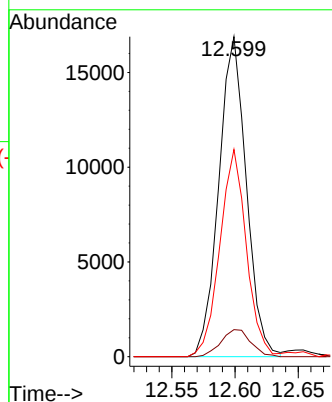
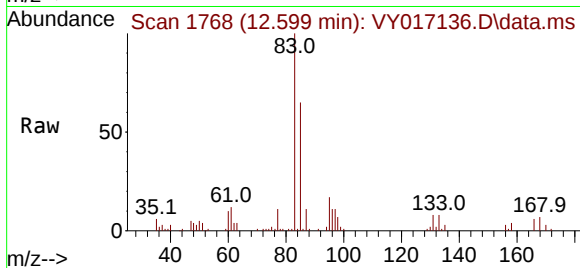
Tgt Ion: 83 Resp: 25568

Ion Ratio Lower Upper

83 100

131 9.2 4.9 14.6

85 62.4 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 18.668 ug/l m

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY017136.D

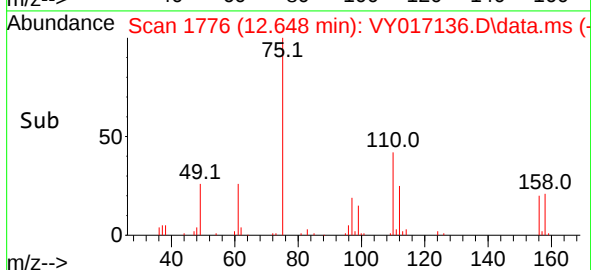
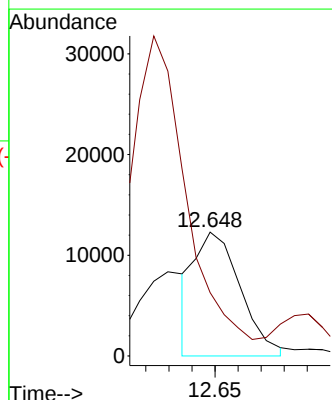
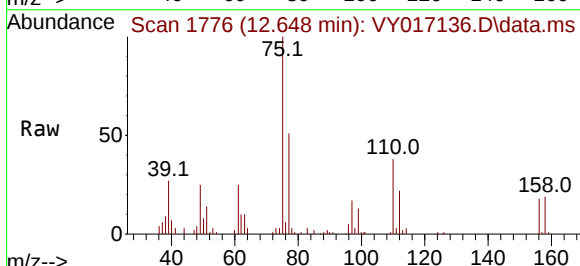
Acq: 30 Jan 2024 11:25

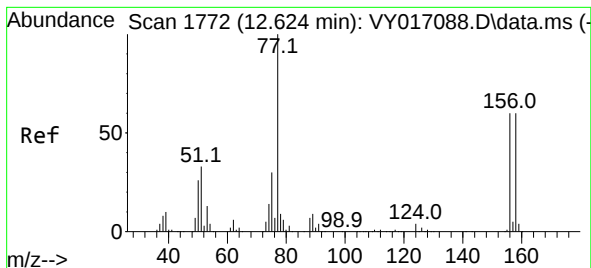
Tgt Ion: 75 Resp: 17029

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.856 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBSD01

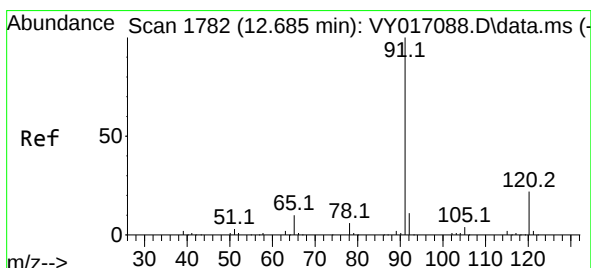
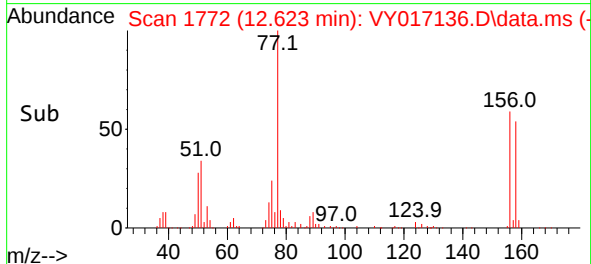
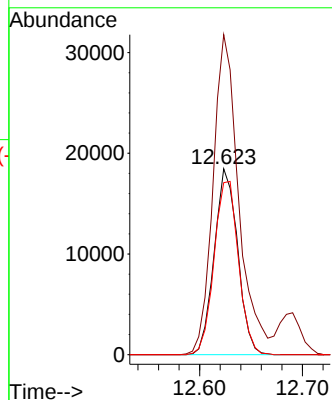
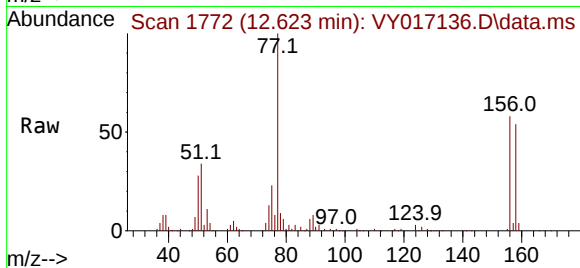
Tgt Ion:156 Resp: 29217

Ion Ratio Lower Upper

156 100

77 188.0 97.3 291.8

158 97.1 48.4 145.0



#78

n-propylbenzene

Concen: 22.071 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017136.D

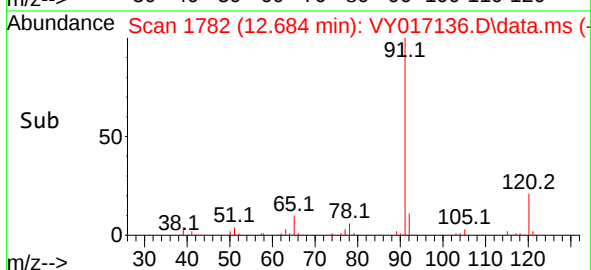
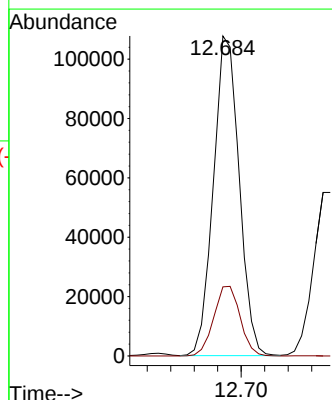
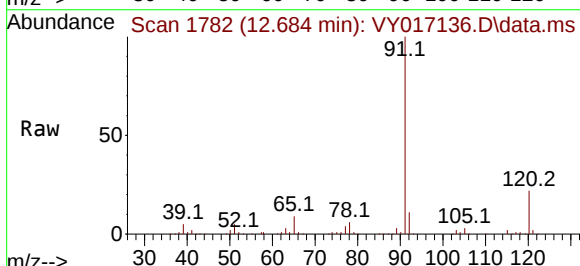
Acq: 30 Jan 2024 11:25

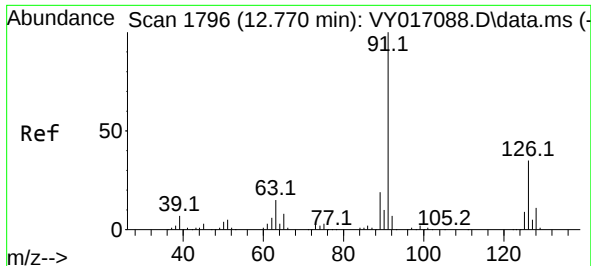
Tgt Ion: 91 Resp: 164010

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0

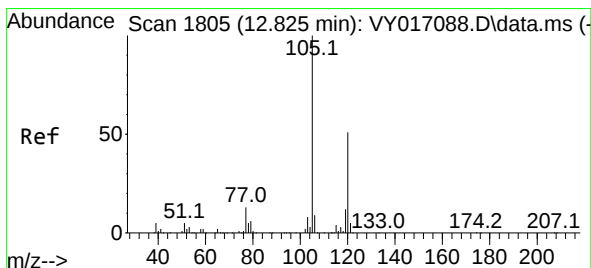
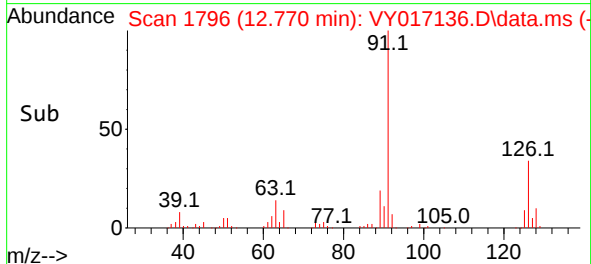
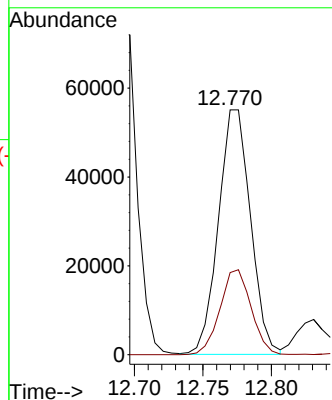
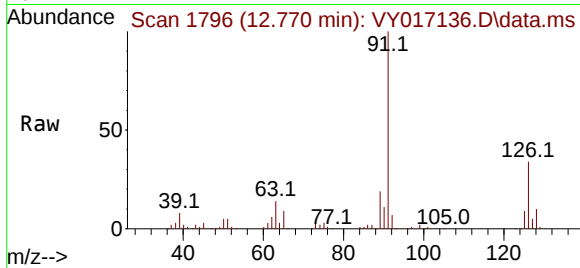




#79  
2-Chlorotoluene  
Concen: 22.047 ug/l  
RT: 12.770 min Scan# 1796  
Delta R.T. 0.007 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

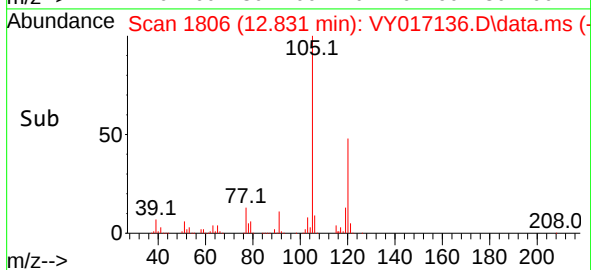
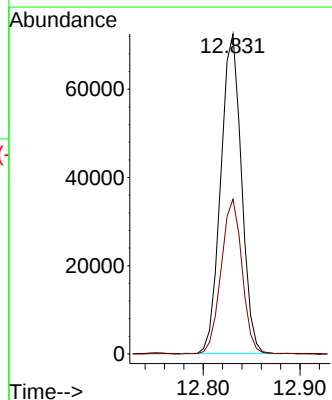
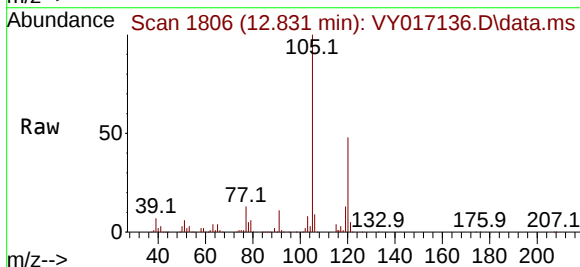
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBSD01

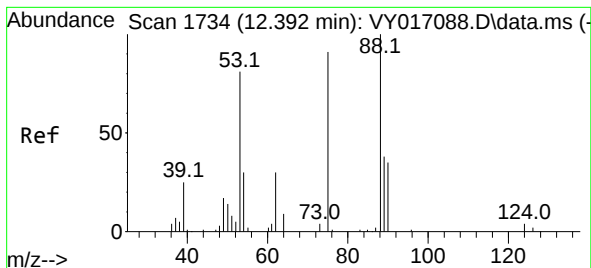
Tgt Ion: 91 Resp: 89900  
Ion Ratio Lower Upper  
91 100  
126 33.7 17.0 51.0



#80  
1,3,5-Trimethylbenzene  
Concen: 22.013 ug/l  
RT: 12.831 min Scan# 1806  
Delta R.T. 0.013 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion: 105 Resp: 107632  
Ion Ratio Lower Upper  
105 100  
120 49.1 24.3 72.8

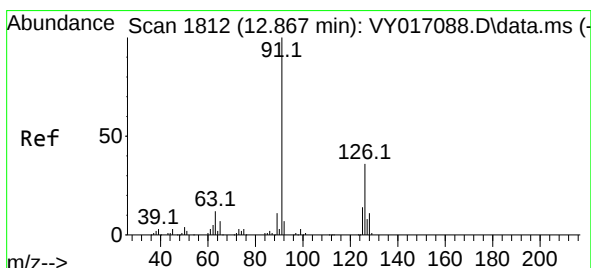
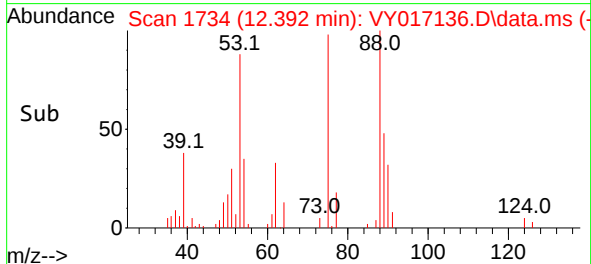
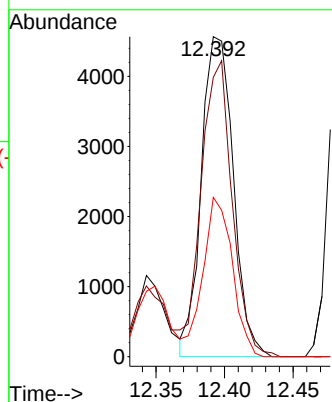
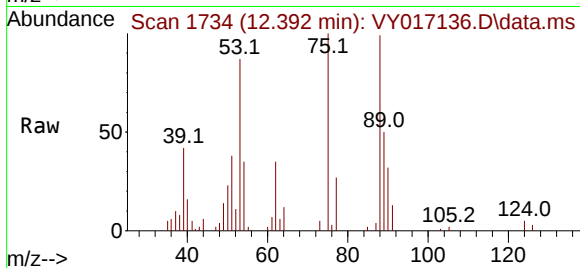




#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.005 ug/l  
RT: 12.392 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

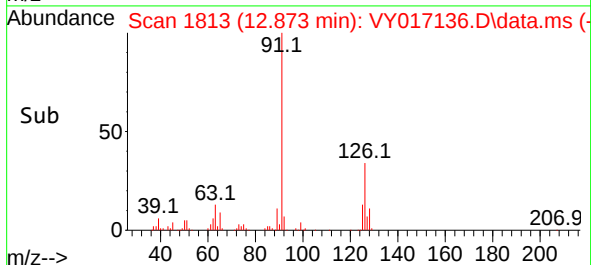
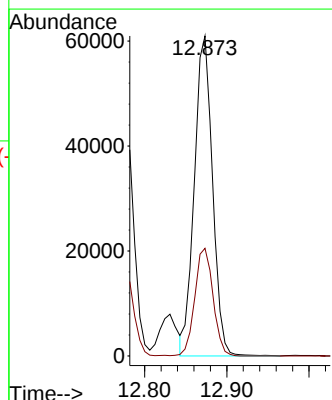
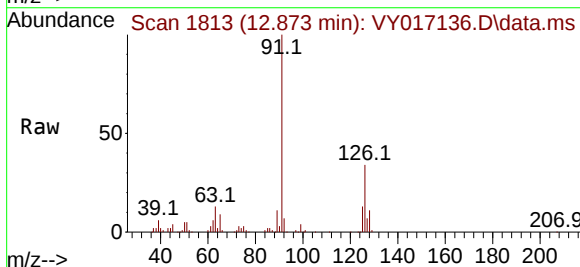
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBSD01

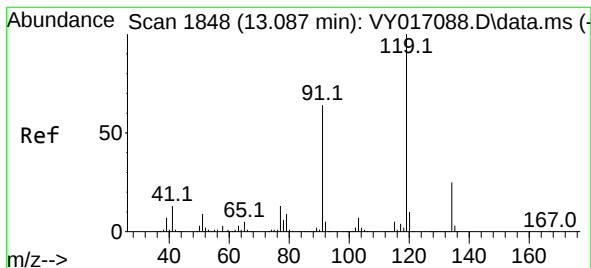
Tgt Ion: 75 Resp: 7401  
Ion Ratio Lower Upper  
75 100  
53 89.3 74.0 111.0  
89 46.1 36.5 54.7



#82  
4-Chlorotoluene  
Concen: 22.178 ug/l  
RT: 12.873 min Scan# 1813  
Delta R.T. 0.012 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion: 91 Resp: 93727  
Ion Ratio Lower Upper  
91 100  
126 33.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 22.208 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBSD01

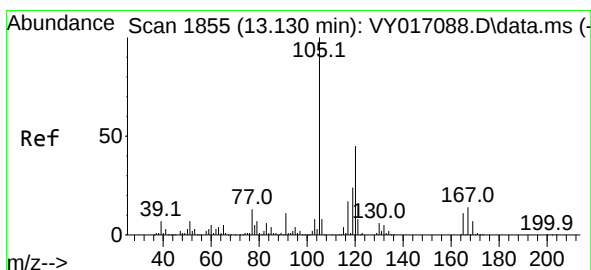
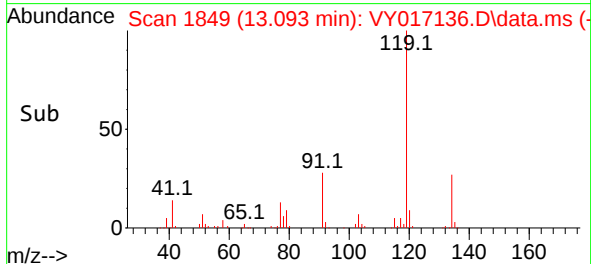
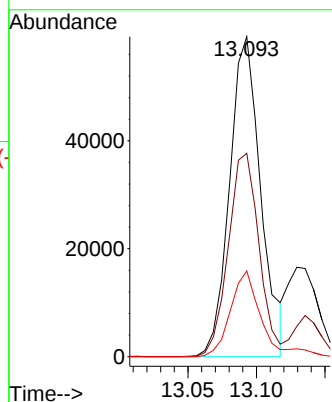
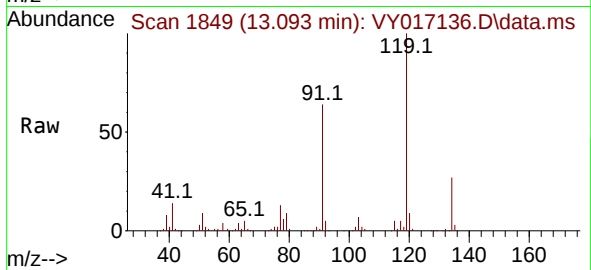
Tgt Ion:119 Resp: 93923

Ion Ratio Lower Upper

119 100

91 62.6 31.5 94.5

134 26.6 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 21.670 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.007 min

Lab File: VY017136.D

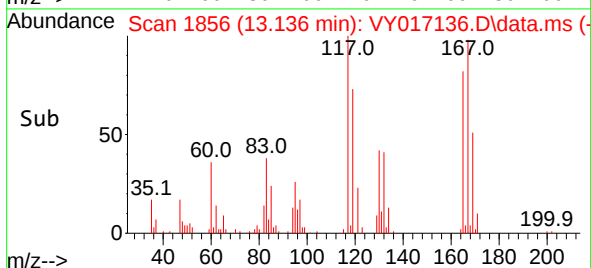
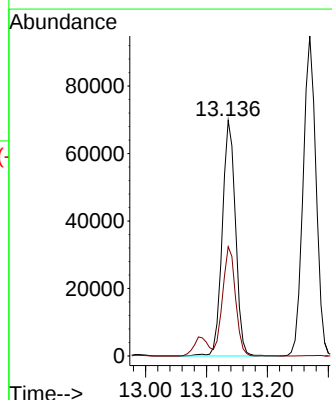
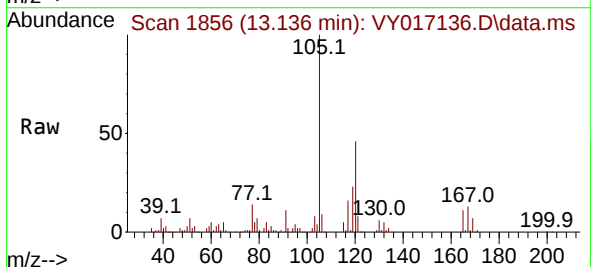
Acq: 30 Jan 2024 11:25

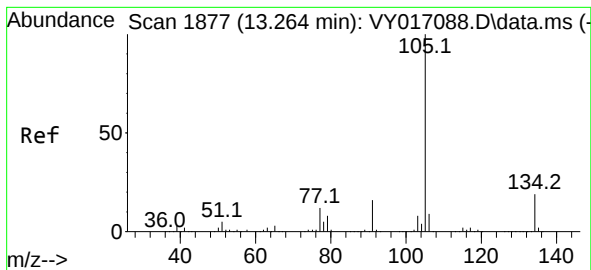
Tgt Ion:105 Resp: 105311

Ion Ratio Lower Upper

105 100

120 45.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 22.248 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.007 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

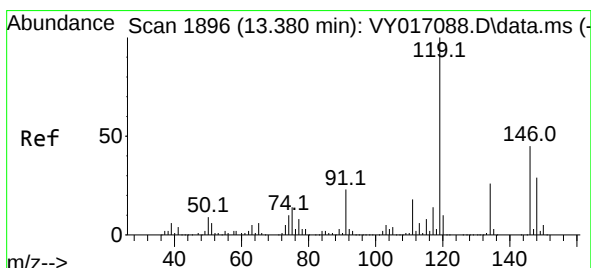
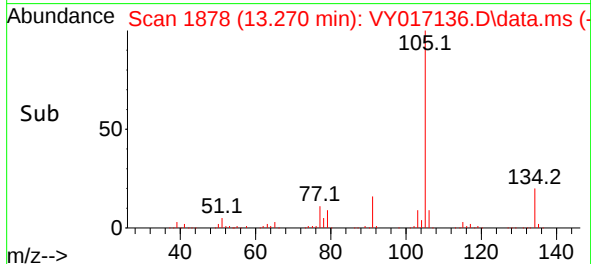
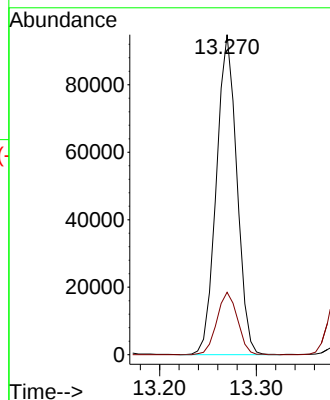
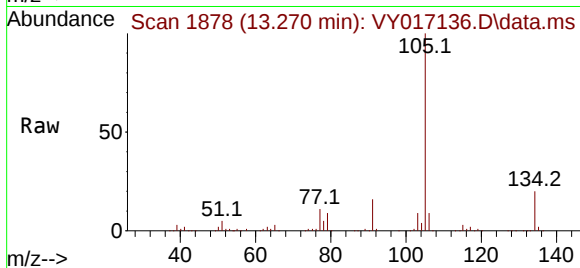
VY0130SBSD01

Tgt Ion:105 Resp: 139326

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 22.207 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.007 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

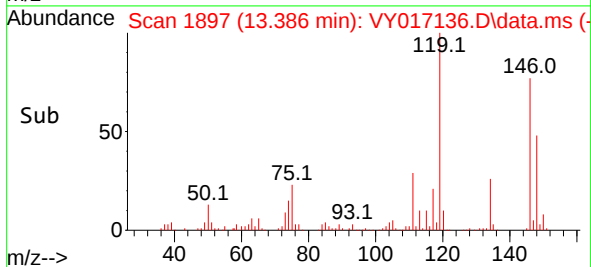
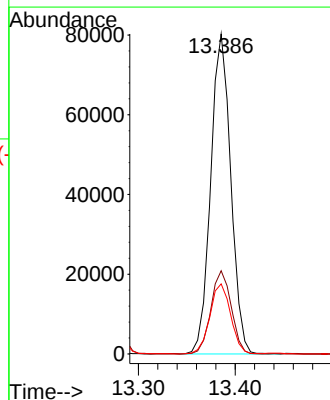
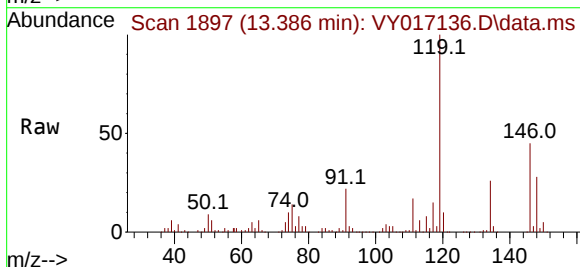
Tgt Ion:119 Resp: 115844

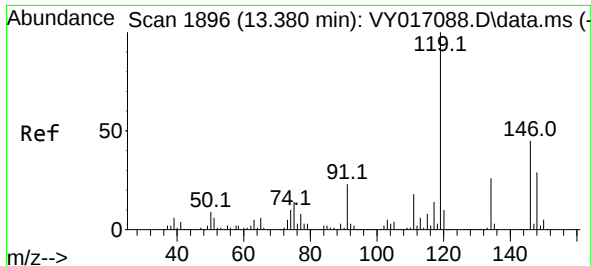
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 22.8 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 21.977 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

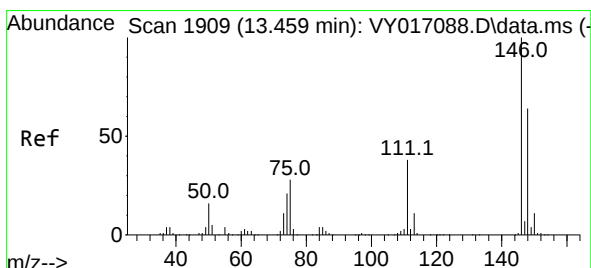
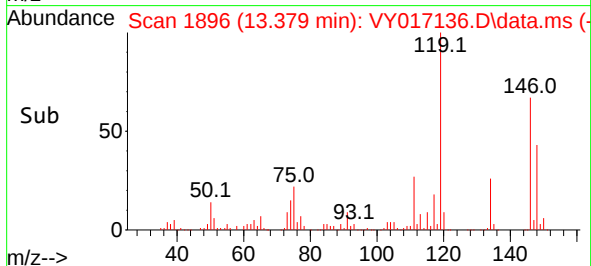
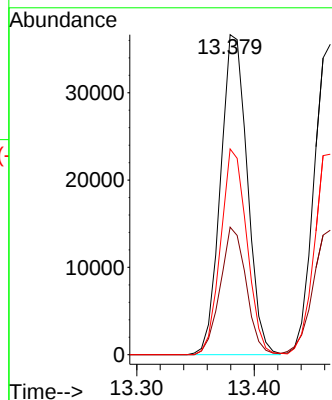
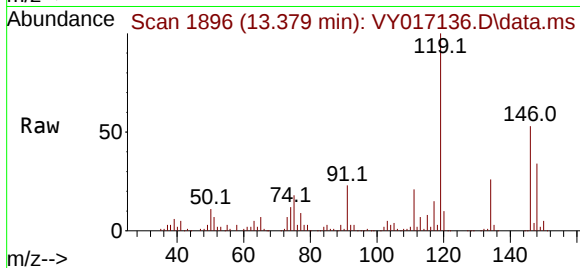
Tgt Ion:146 Resp: 58004

Ion Ratio Lower Upper

146 100

111 38.7 20.2 60.5

148 63.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.750 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

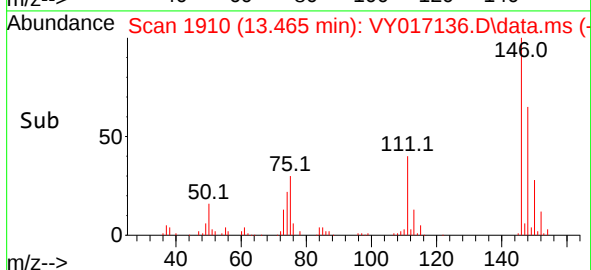
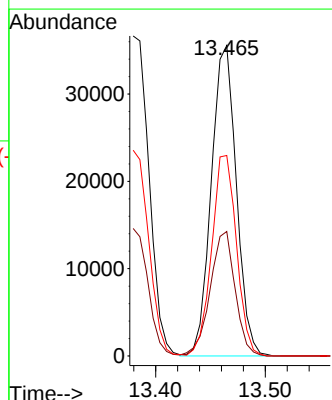
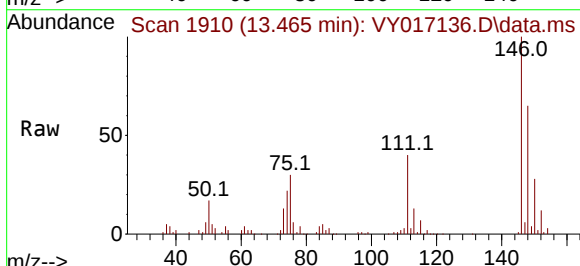
Tgt Ion:146 Resp: 56481

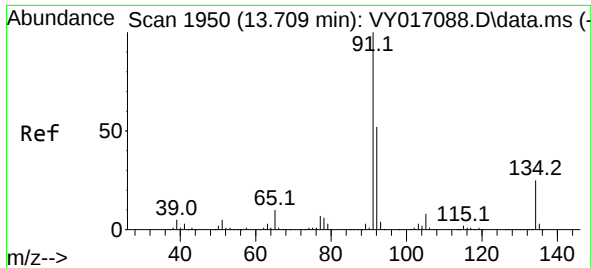
Ion Ratio Lower Upper

146 100

111 40.0 19.3 57.9

148 64.1 31.6 94.7

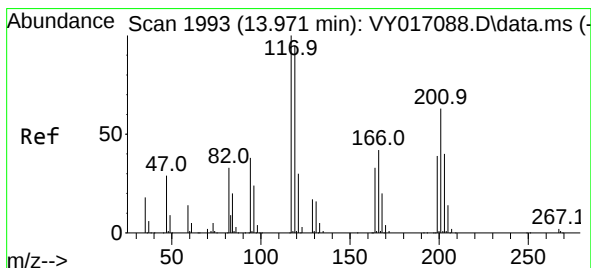
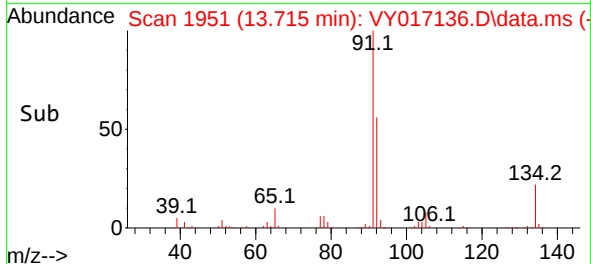
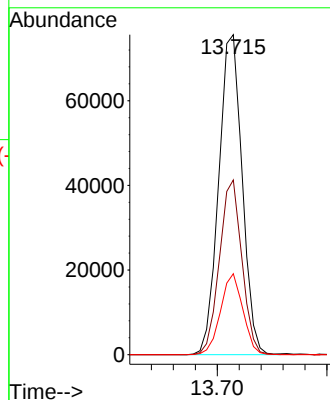
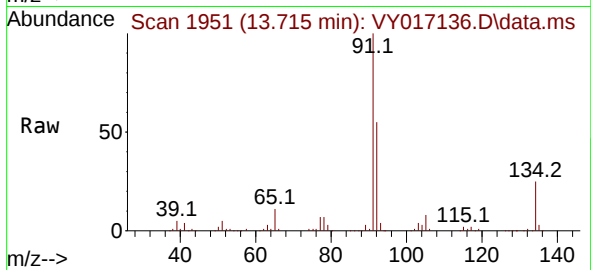




#89  
n-Butylbenzene  
Concen: 22.346 ug/l  
RT: 13.715 min Scan# 1951  
Delta R.T. 0.013 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

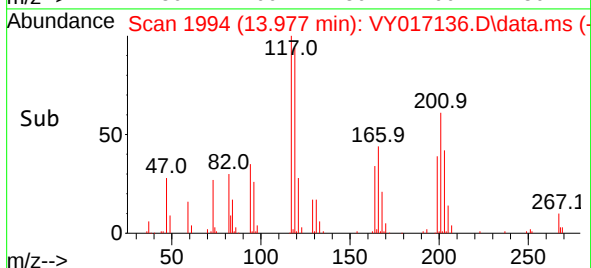
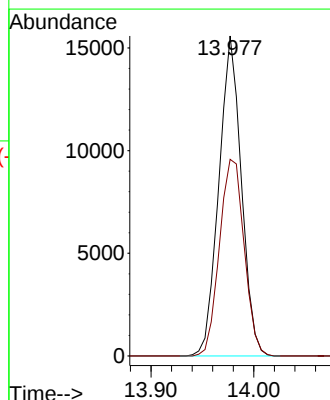
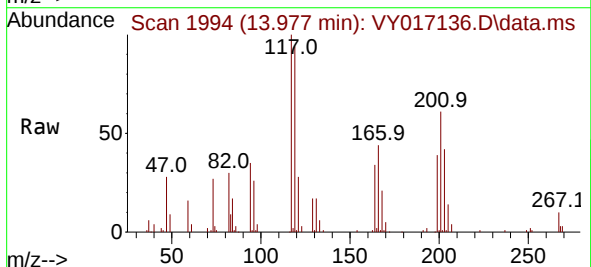
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0130SBSD01

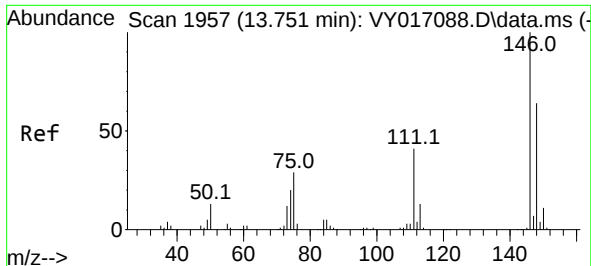
Tgt Ion: 91 Resp: 112435  
Ion Ratio Lower Upper  
91 100  
92 52.4 26.4 79.2  
134 24.1 12.3 36.8



#90  
Hexachloroethane  
Concen: 21.741 ug/l  
RT: 13.977 min Scan# 1994  
Delta R.T. 0.006 min  
Lab File: VY017136.D  
Acq: 30 Jan 2024 11:25

Tgt Ion: 117 Resp: 23638  
Ion Ratio Lower Upper  
117 100  
201 67.6 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 21.750 ug/l

RT: 13.757 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

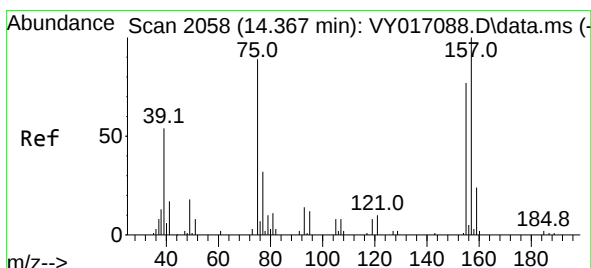
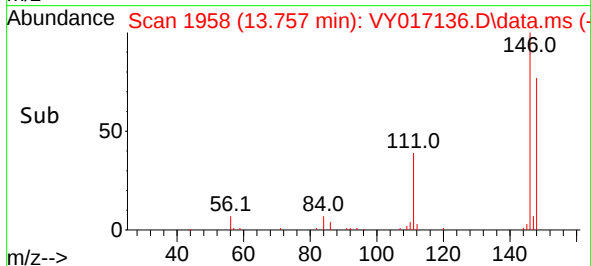
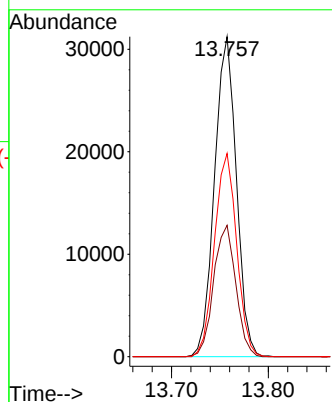
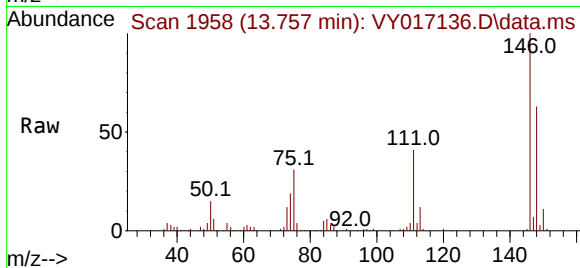
Tgt Ion:146 Resp: 49024

Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.6

148 64.4 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.048 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

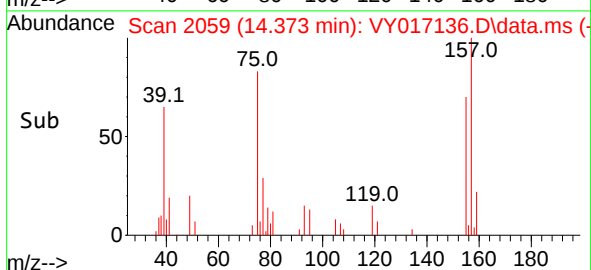
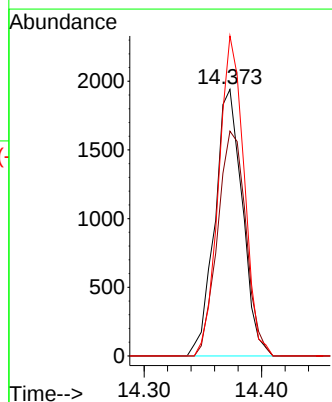
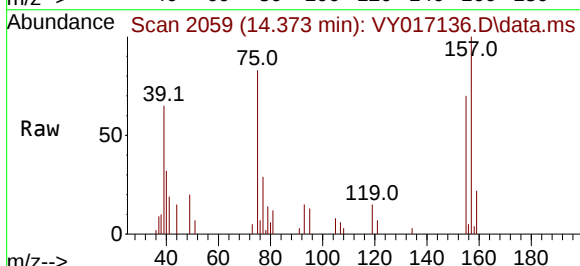
Tgt Ion: 75 Resp: 3167

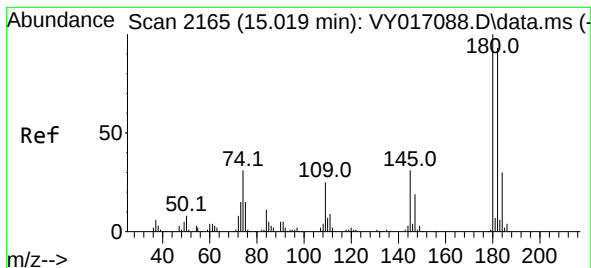
Ion Ratio Lower Upper

75 100

155 86.7 42.1 126.3

157 110.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 22.049 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBS01

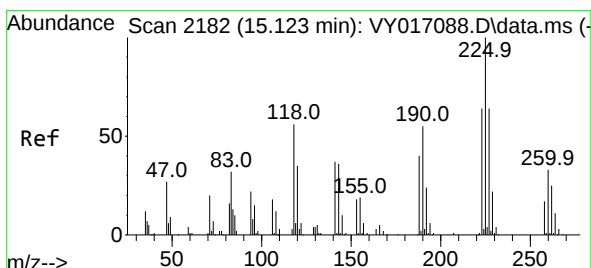
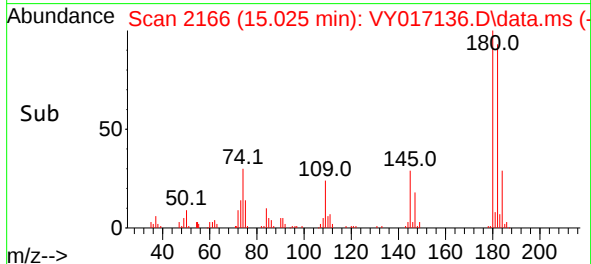
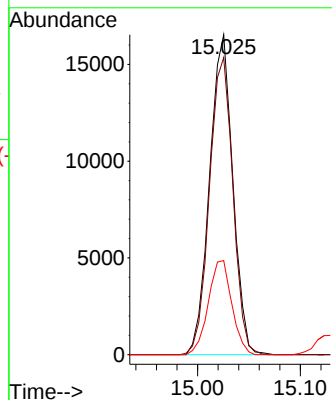
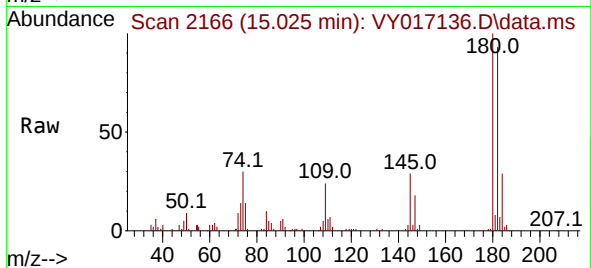
Tgt Ion:180 Resp: 25970

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.7

145 29.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.795 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

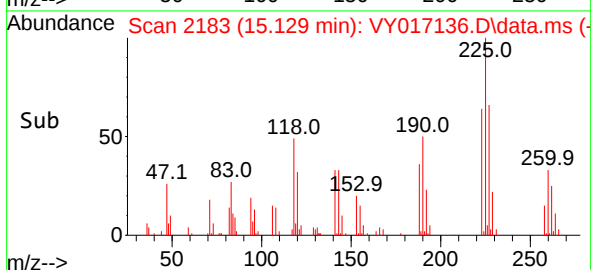
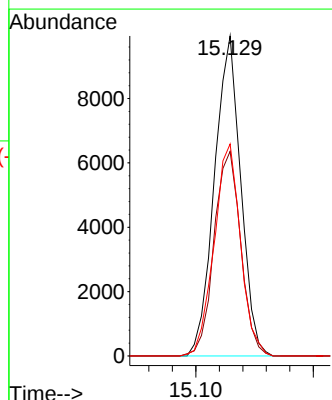
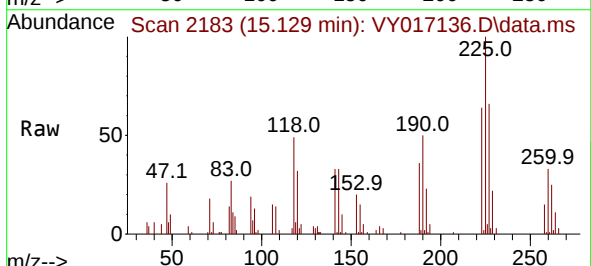
Tgt Ion:225 Resp: 15450

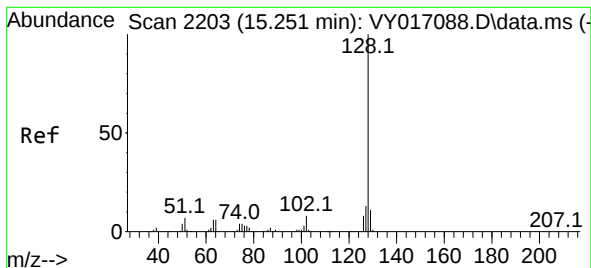
Ion Ratio Lower Upper

225 100

223 64.8 31.4 94.3

227 66.6 32.3 96.8





#95

Naphthalene

Concen: 20.629 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Instrument :

MSVOA\_Y

ClientSampleId :

VY0130SBSD01

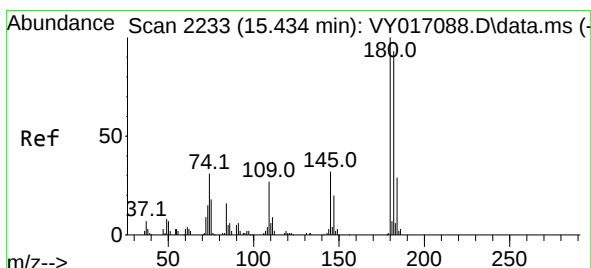
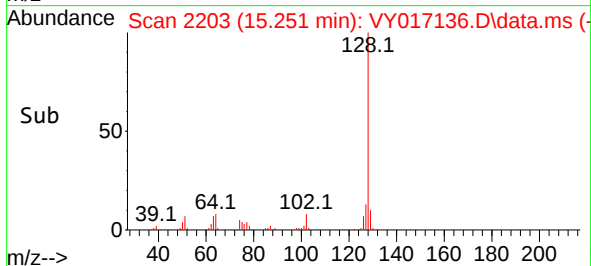
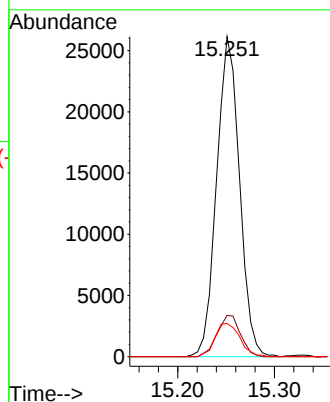
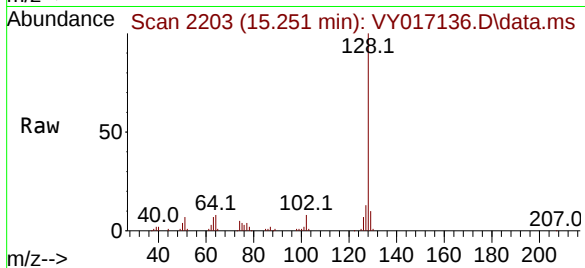
Tgt Ion:128 Resp: 42914

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.5 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.714 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017136.D

Acq: 30 Jan 2024 11:25

Tgt Ion:180 Resp: 21278

Ion Ratio Lower Upper

180 100

182 96.1 46.3 138.8

145 32.6 16.1 48.2

