

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
 Data File : VY019482.D  
 Acq On : 10 Sep 2024 11:55  
 Operator : SY/MD  
 Sample : P3390-02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 11 06:38:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 06:35:41 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.707  | 168  | 517460   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 911308   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 768432   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152  | 354870   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 283149   | 59.093   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 118.180% |      |
| 35) Dibromofluoromethane    | 7.634  | 113   | 286839   | 55.514   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 111.020% |      |
| 50) Toluene-d8              | 10.109 | 98    | 1084137  | 56.727   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 113.460% |      |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 380995   | 51.847   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | = 103.700% |      |

|                              |       |     |        |        |      |      |
|------------------------------|-------|-----|--------|--------|------|------|
| Target Compounds             |       |     |        | Qvalue |      |      |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 13179  | 4.029  | ug/l | 95   |
| 3) Chloromethane             | 2.068 | 50  | 15631  | 3.651  | ug/l | 97   |
| 4) Vinyl Chloride            | 2.208 | 62  | 17773  | 3.839  | ug/l | 93   |
| 5) Bromomethane              | 2.598 | 94  | 12918  | 4.543  | ug/l | 94   |
| 6) Chloroethane              | 2.739 | 64  | 12722  | 4.204  | ug/l | 100  |
| 7) Trichlorofluoromethane    | 3.062 | 101 | 32792  | 4.249  | ug/l | 99   |
| 8) Diethyl Ether             | 3.458 | 74  | 11997  | 4.631  | ug/l | 90   |
| 9) 1,1,2-Trichlorotrifluo... | 3.818 | 101 | 20384  | 4.270  | ug/l | 95   |
| 10) Methyl Iodide            | 4.007 | 142 | 23854  | 3.897  | ug/l | 94   |
| 11) Tert butyl alcohol       | 4.854 | 59  | 10203  | 26.367 | ug/l | # 56 |
| 12) 1,1-Dichloroethene       | 3.793 | 96  | 17959  | 3.912  | ug/l | 82   |
| 13) Acrolein                 | 3.653 | 56  | 13817  | 66.589 | ug/l | 97   |
| 14) Allyl chloride           | 4.379 | 41  | 36364  | 4.417  | ug/l | # 88 |
| 15) Acrylonitrile            | 5.061 | 53  | 27727  | 24.824 | ug/l | 95   |
| 16) Acetone                  | 3.873 | 43  | 23177  | 20.304 | ug/l | # 77 |
| 17) Carbon Disulfide         | 4.110 | 76  | 26280  | 2.119  | ug/l | 98   |
| 18) Methyl Acetate           | 4.379 | 43  | 20721  | 6.689  | ug/l | 90   |
| 19) Methyl tert-butyl Ether  | 5.116 | 73  | 66553  | 5.118  | ug/l | 98   |
| 20) Methylene Chloride       | 4.616 | 84  | 33500  | 6.435  | ug/l | # 87 |
| 21) trans-1,2-Dichloroethene | 5.116 | 96  | 20242  | 4.023  | ug/l | 90   |
| 22) Diisopropyl ether        | 6.018 | 45  | 85492  | 5.057  | ug/l | # 88 |
| 23) Vinyl Acetate            | 5.958 | 43  | 280824 | 29.080 | ug/l | 94   |
| 24) 1,1-Dichloroethane       | 5.915 | 63  | 47011  | 4.955  | ug/l | 95   |
| 25) 2-Butanone               | 6.890 | 43  | 36421  | 22.433 | ug/l | # 77 |
| 26) 2,2-Dichloropropane      | 6.878 | 77  | 44340  | 5.181  | ug/l | 96   |
| 27) cis-1,2-Dichloroethene   | 6.890 | 96  | 30279  | 4.953  | ug/l | 91   |
| 28) Bromochloromethane       | 7.250 | 49  | 18715  | 4.688  | ug/l | 83   |
| 29) Tetrahydrofuran          | 7.262 | 42  | 22444  | 22.737 | ug/l | 90   |
| 30) Chloroform               | 7.421 | 83  | 50736  | 5.239  | ug/l | 100  |
| 31) Cyclohexane              | 7.701 | 56  | 36863  | 4.299  | ug/l | # 75 |
| 32) 1,1,1-Trichloroethane    | 7.616 | 97  | 41903  | 4.827  | ug/l | 96   |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 28541  | 4.059  | ug/l | 98   |
| 37) Ethyl Acetate            | 6.982 | 43  | 16449  | 4.566  | ug/l | # 91 |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 34880  | 4.399  | ug/l | 95   |
| 39) Methylcyclohexane        | 9.109 | 83  | 31323  | 3.348  | ug/l | 92   |
| 40) Benzene                  | 8.079 | 78  | 96230  | 4.444  | ug/l | 99   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
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 Operator : SY/MD  
 Sample : P3390-02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 11 06:38:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 06:35:41 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.226  | 41   | 11054    | 5.264  | ug/l # | 83       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 29152    | 5.003  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.195  | 43   | 36624    | 4.839  | ug/l # | 80       |
| 44) Trichloroethene           | 8.866  | 130  | 24572    | 4.412  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 25518    | 4.820  | ug/l   | 100      |
| 46) Dibromomethane            | 9.231  | 93   | 13622    | 4.705  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.426  | 83   | 39939    | 5.132  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.219  | 41   | 15969    | 4.468  | ug/l   | 87       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 3337     | 97.912 | ug/l # | 59       |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43   | 90282    | 23.711 | ug/l   | 92       |
| 52) Toluene                   | 10.170 | 92   | 61749    | 4.434  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 34222    | 4.613  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.853  | 75   | 40102    | 4.642  | ug/l # | 85       |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 19299    | 4.827  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 28387    | 4.674  | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 32479    | 4.726  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 63596    | 22.562 | ug/l   | 95       |
| 59) 2-Hexanone                | 10.762 | 43   | 61637    | 22.081 | ug/l   | 91       |
| 60) Dibromochloromethane      | 10.914 | 129  | 26322    | 4.977  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 17365    | 4.662  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.652 | 164  | 21170    | 4.449  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.438 | 112  | 72190    | 4.776  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131  | 27282    | 5.213  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.518 | 91   | 128947   | 4.801  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.627 | 106  | 96191    | 9.472  | ug/l   | 95       |
| 69) o-Xylene                  | 11.956 | 106  | 48530    | 4.886  | ug/l   | 96       |
| 70) Styrene                   | 11.969 | 104  | 81130    | 4.838  | ug/l   | 96       |
| 71) Bromoform                 | 12.133 | 173  | 13584    | 4.544  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.255 | 105  | 128079   | 4.975  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.072 | 43   | 32998    | 4.713  | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 23670    | 5.180  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 29991    | 9.017  | ug/l # | 100      |
| 77) Bromobenzene              | 12.530 | 156  | 27510    | 4.818  | ug/l   | 85       |
| 78) n-propylbenzene           | 12.597 | 91   | 154964   | 5.078  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 89420    | 5.028  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 105830   | 5.057  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.298 | 75   | 7539     | 4.351  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 12.779 | 91   | 93622    | 5.121  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 98884    | 5.219  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 105213   | 5.079  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 140939   | 5.120  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 113298   | 5.031  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 13.285 | 146  | 56368    | 5.081  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 55905    | 5.077  | ug/l   | 93       |
| 89) n-Butylbenzene            | 13.615 | 91   | 107110   | 4.975  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.877 | 117  | 23417    | 4.997  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 50407    | 5.091  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 3742     | 4.914  | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 29006    | 4.817  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 16142    | 5.018  | ug/l   | 99       |
| 95) Naphthalene               | 15.145 | 128  | 54399    | 4.511  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 24586    | 4.773  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091024\  
Data File : VY019482.D  
Acq On : 10 Sep 2024 11:55  
Operator : SY/MD  
Sample : P3390-02  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 7 Sample Multiplier: 1

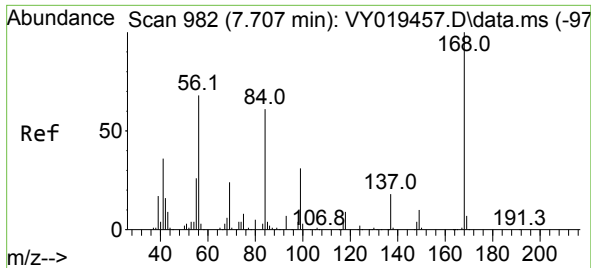
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Sep 11 06:38:55 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 06:35:41 2024  
Response via : Initial Calibration

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

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

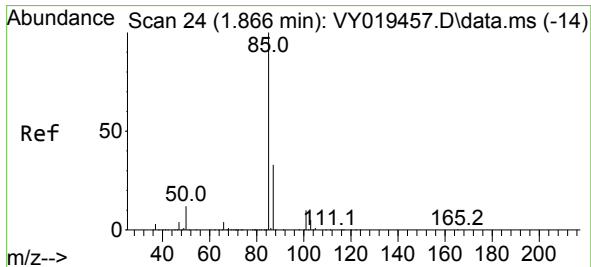
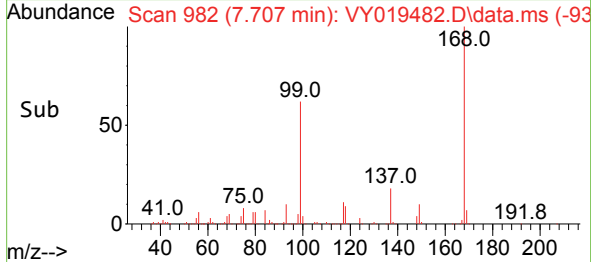
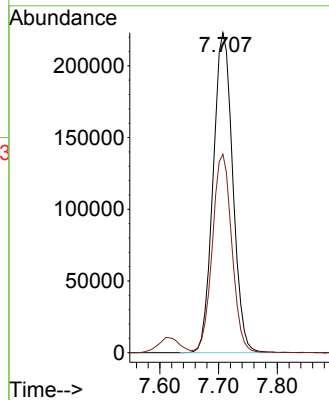
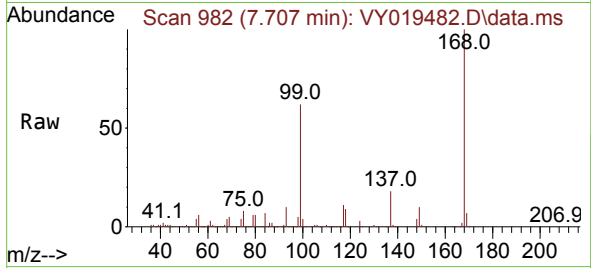




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

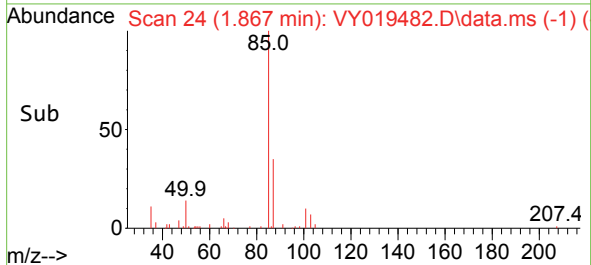
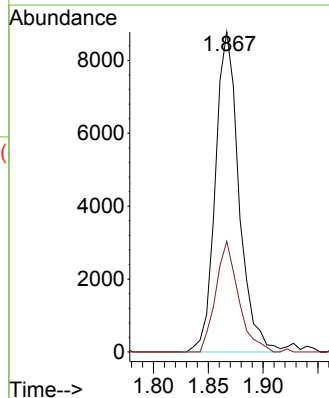
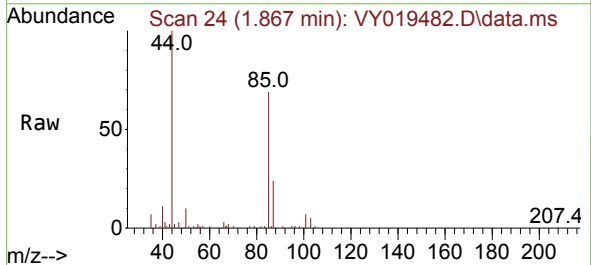
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MSVOA\_Y  
ClientSampleId :

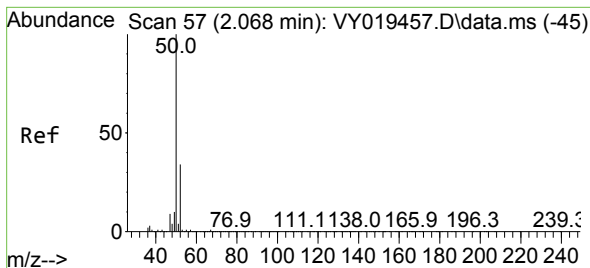
Tgt Ion:168 Resp: 517460  
Ion Ratio Lower Upper  
168 100  
99 61.9 39.1 58.7#



#2  
Dichlorodifluoromethane  
Concen: 4.029 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. 0.001 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Tgt Ion: 85 Resp: 13179  
Ion Ratio Lower Upper  
85 100  
87 34.6 16.0 48.0





#3

Chloromethane

Concen: 3.651 ug/l

RT: 2.068 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

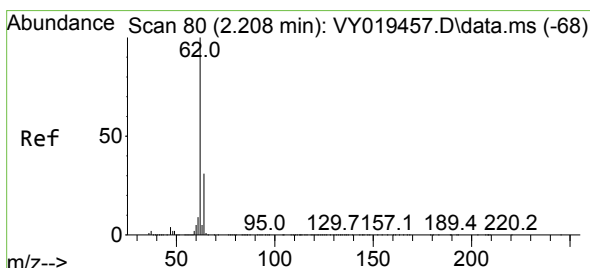
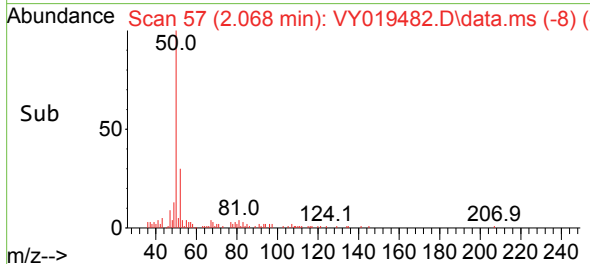
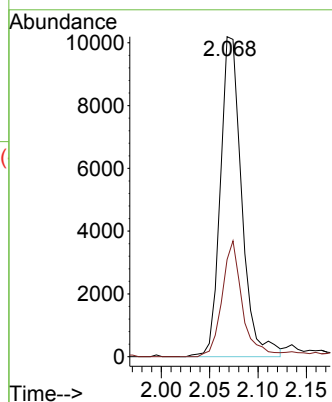
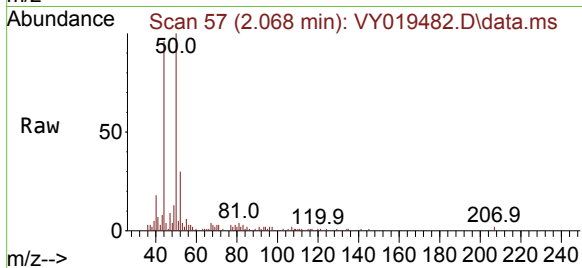
ClientSampleId :

Tgt Ion: 50 Resp: 15631

Ion Ratio Lower Upper

50 100

52 30.4 25.6 38.4



#4

Vinyl Chloride

Concen: 3.839 ug/l

RT: 2.208 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019482.D

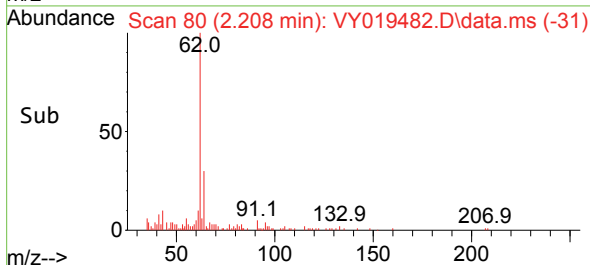
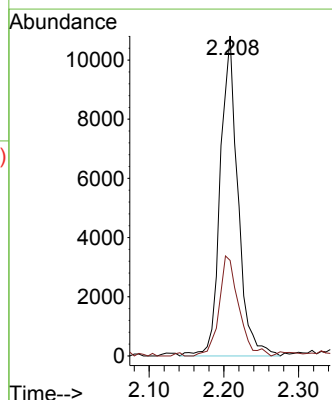
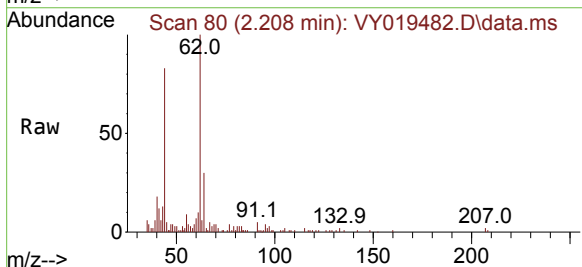
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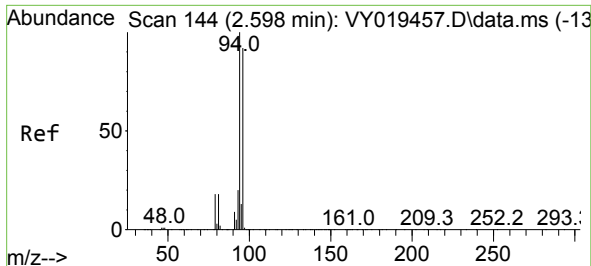
Tgt Ion: 62 Resp: 17773

Ion Ratio Lower Upper

62 100

64 28.9 26.1 39.1

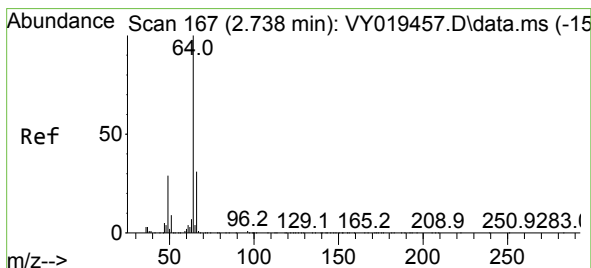
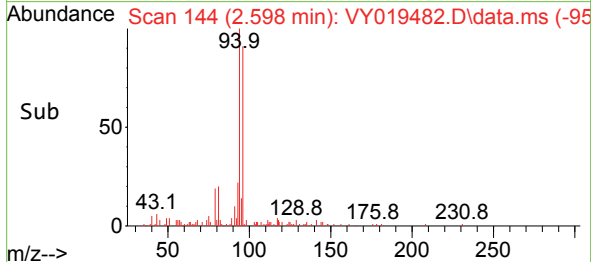
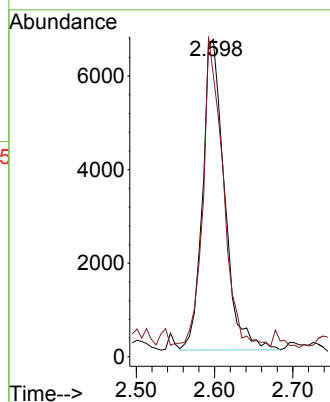
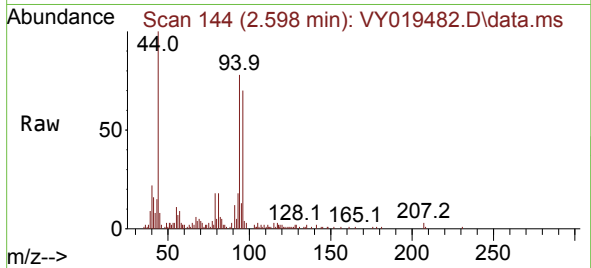




#5  
Bromomethane  
Concen: 4.543 ug/l  
RT: 2.598 min Scan# 144  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

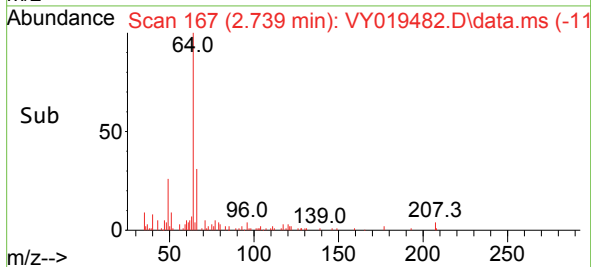
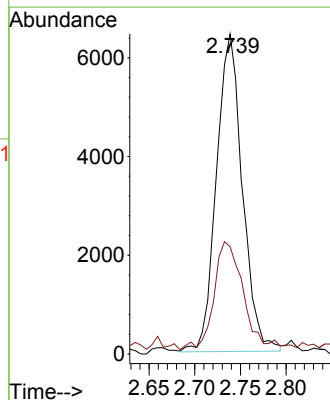
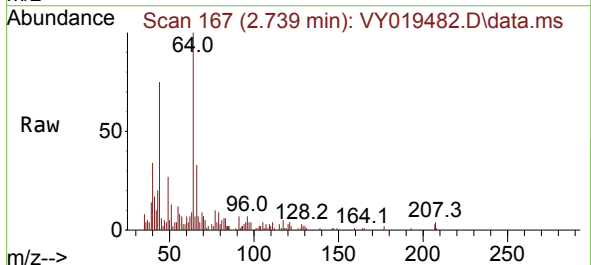
Instrument :  
MSVOA\_Y  
ClientSampleId :

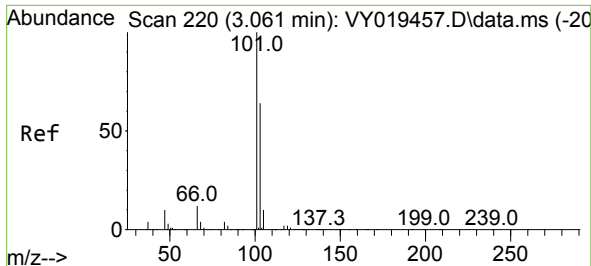
Tgt Ion: 94 Resp: 12918  
Ion Ratio Lower Upper  
94 100  
96 86.5 74.1 111.1



#6  
Chloroethane  
Concen: 4.204 ug/l  
RT: 2.739 min Scan# 167  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Tgt Ion: 64 Resp: 12722  
Ion Ratio Lower Upper  
64 100  
66 32.4 26.1 39.1

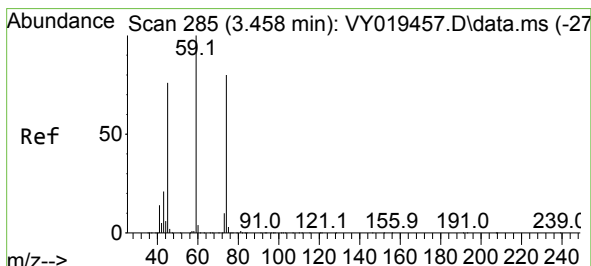
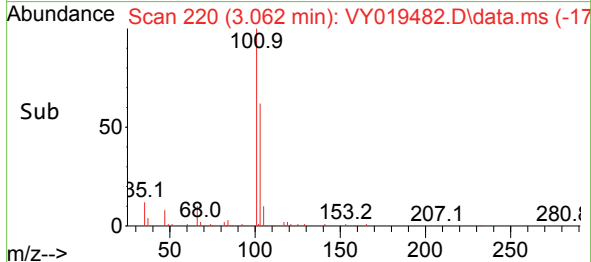
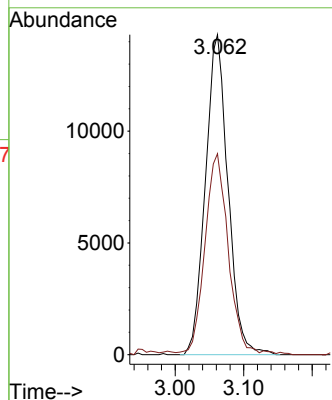
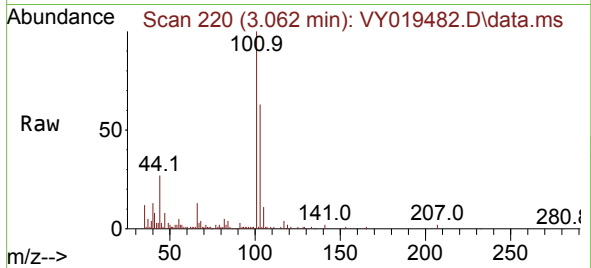




#7  
 Trichlorofluoromethane  
 Concen: 4.249 ug/l  
 RT: 3.062 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VY019482.D  
 Acq: 10 Sep 2024 11:55

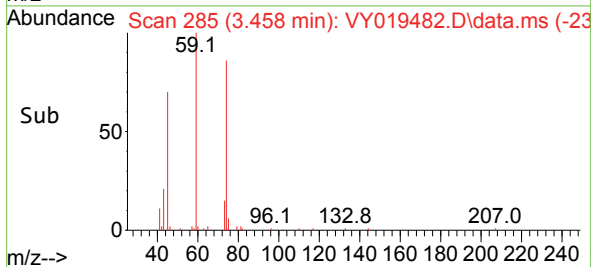
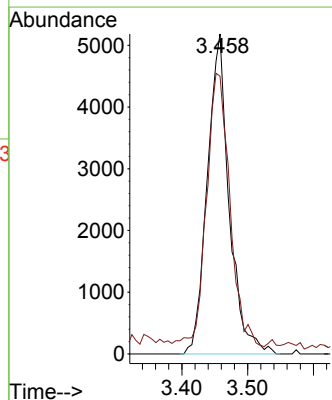
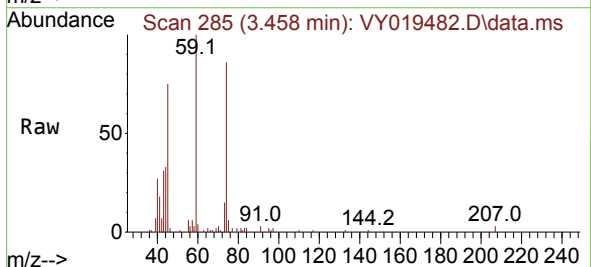
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion:101 Resp: 32792  
 Ion Ratio Lower Upper  
 101 100  
 103 62.1 49.3 73.9

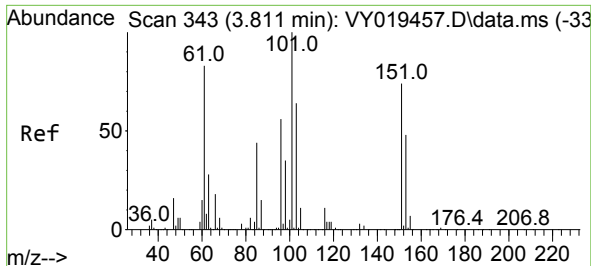


#8  
 Diethyl Ether  
 Concen: 4.631 ug/l  
 RT: 3.458 min Scan# 285  
 Delta R.T. 0.000 min  
 Lab File: VY019482.D  
 Acq: 10 Sep 2024 11:55

Tgt Ion: 74 Resp: 11997  
 Ion Ratio Lower Upper  
 74 100  
 45 91.4 41.3 124.1



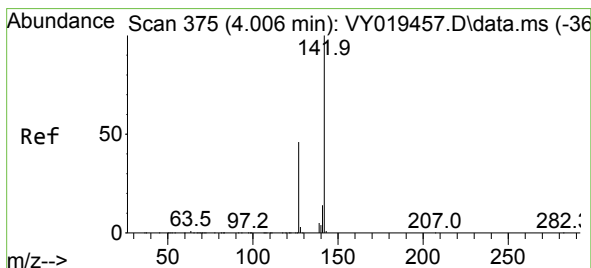
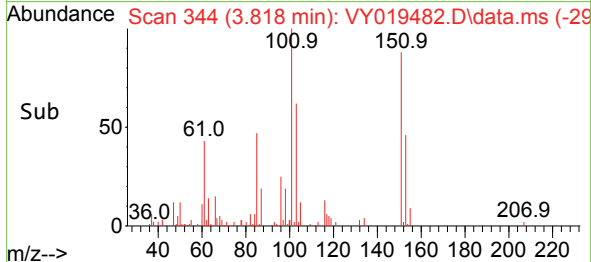
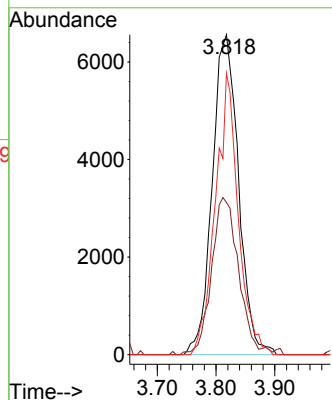
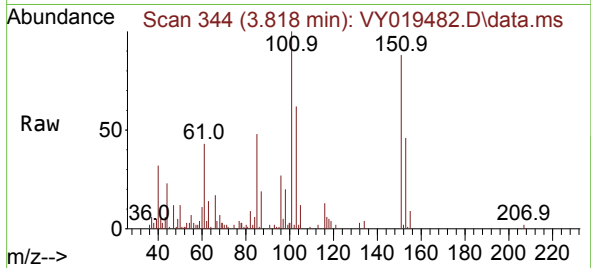




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.270 ug/l  
RT: 3.818 min Scan# 343  
Delta R.T. 0.006 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

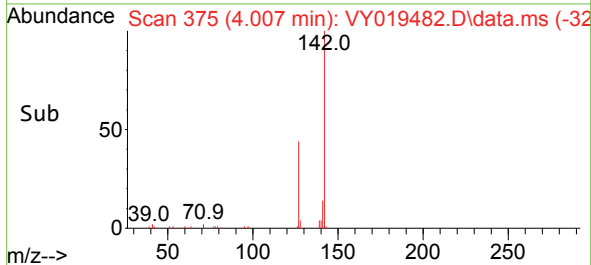
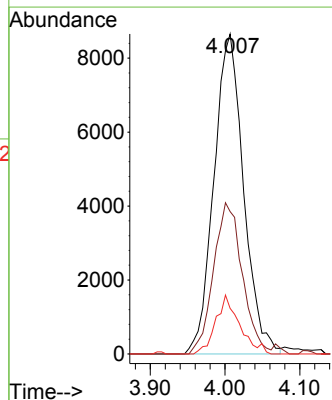
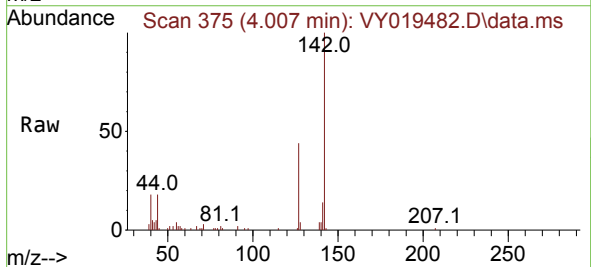
Instrument :  
MSVOA\_Y  
ClientSampleId :

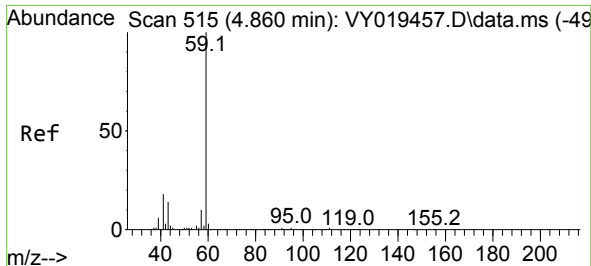
Tgt Ion:101 Resp: 20384  
Ion Ratio Lower Upper  
101 100  
85 50.7 34.5 51.7  
151 76.3 61.7 92.5



#10  
Methyl Iodide  
Concen: 3.897 ug/l  
RT: 4.007 min Scan# 375  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Tgt Ion:142 Resp: 23854  
Ion Ratio Lower Upper  
142 100  
127 45.8 32.8 49.2  
141 14.8 11.4 17.2

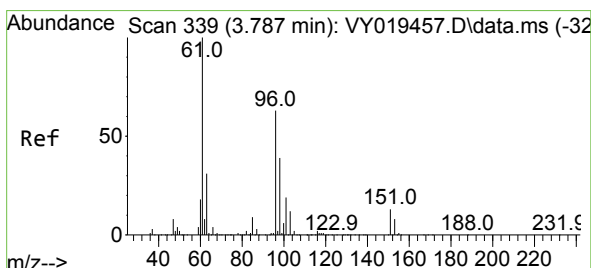
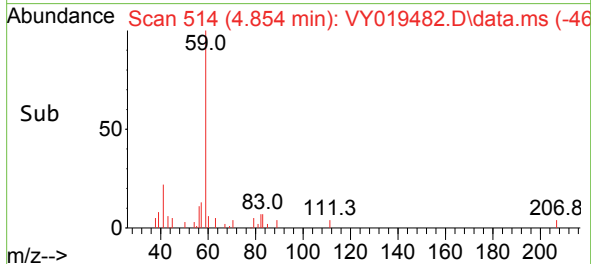
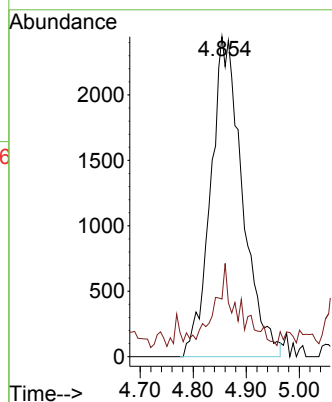
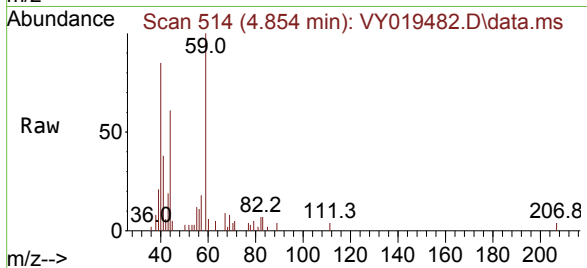




#11  
Tert butyl alcohol  
Concen: 26.367 ug/l  
RT: 4.854 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

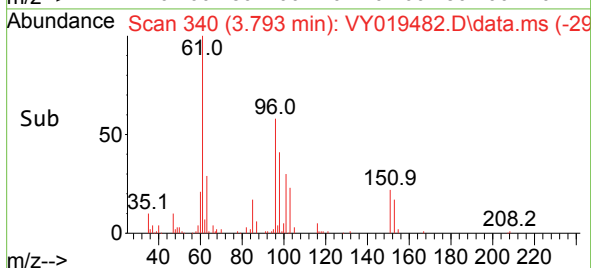
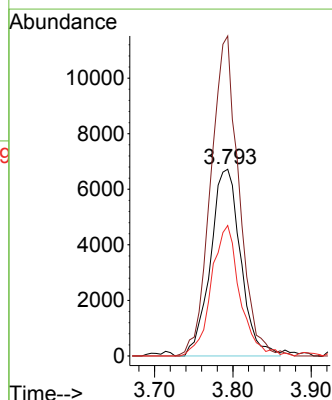
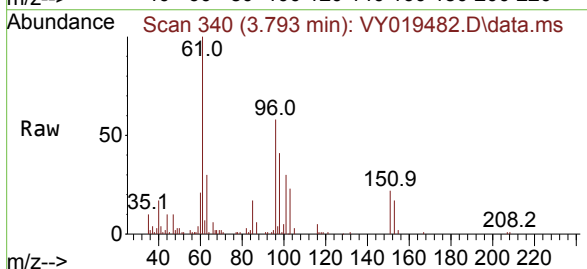
Instrument :  
MSVOA\_Y  
ClientSampleId :

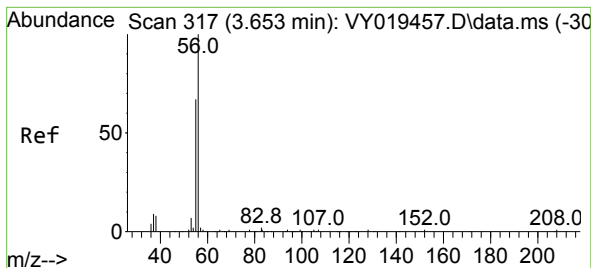
Tgt Ion: 59 Resp: 10203  
Ion Ratio Lower Upper  
59 100  
57 18.4 3.0 4.6#



#12  
1,1-Dichloroethene  
Concen: 3.912 ug/l  
RT: 3.793 min Scan# 340  
Delta R.T. 0.006 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Tgt Ion: 96 Resp: 17959  
Ion Ratio Lower Upper  
96 100  
61 170.5 114.6 171.8  
98 69.8 50.8 76.2





#13

Acrolein

Concen: 66.589 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

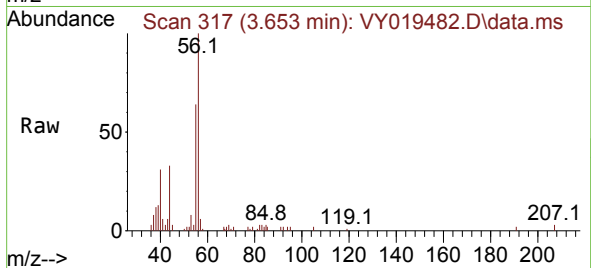
Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

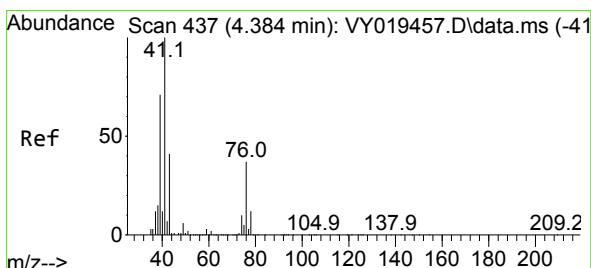
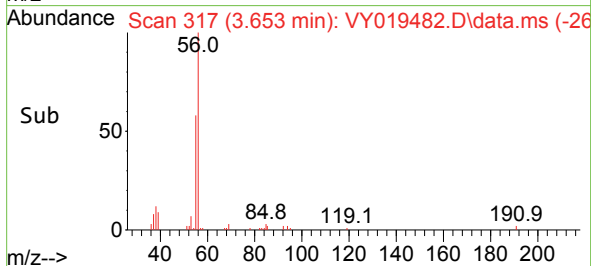
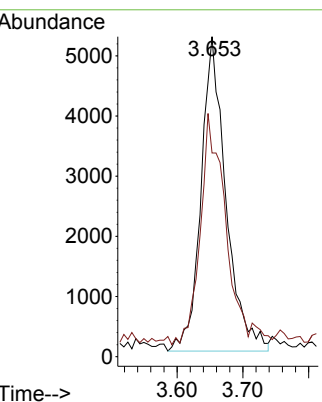
MSVOA\_Y

ClientSampleId :



Tgt Ion: 56 Resp: 13817

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 55  | 72.2  | 55.7  | 83.5  |



#14

Allyl chloride

Concen: 4.417 ug/l

RT: 4.379 min Scan# 436

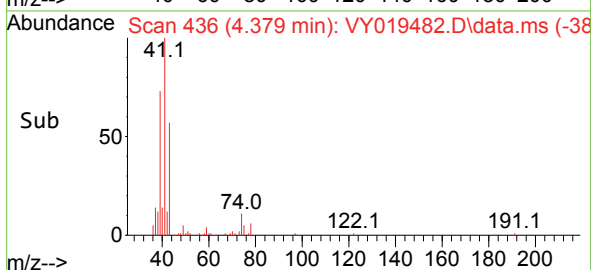
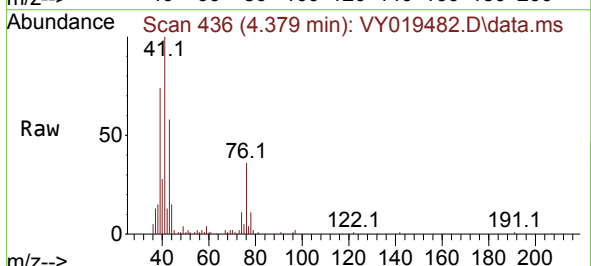
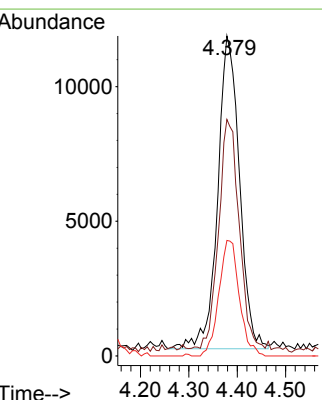
Delta R.T. -0.006 min

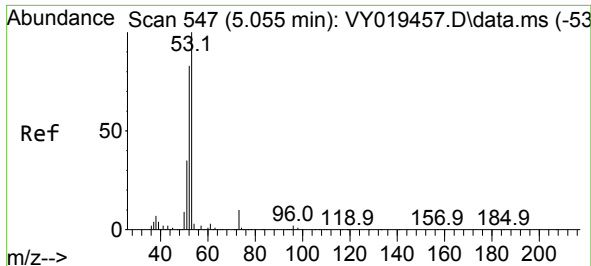
Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Tgt Ion: 41 Resp: 36364

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 68.1  | 58.3  | 87.5  |
| 76  | 34.7  | 39.0  | 58.6  |





#15

Acrylonitrile

Concen: 24.824 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.006 min

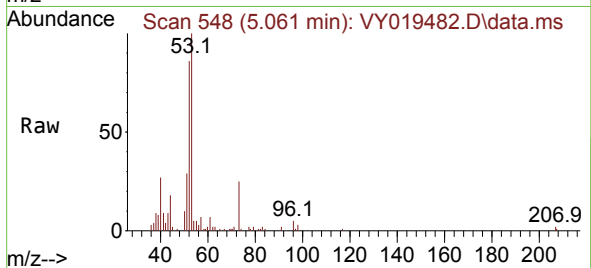
Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

ClientSampleId :



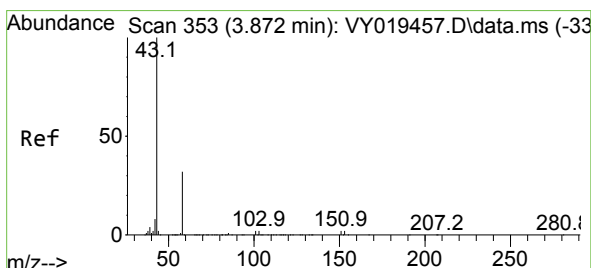
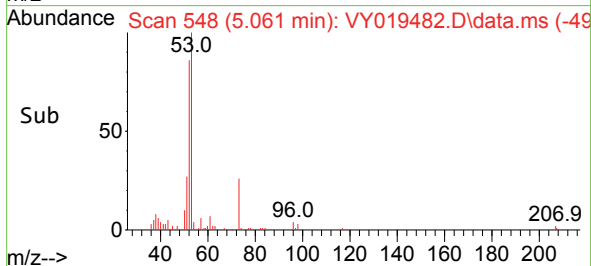
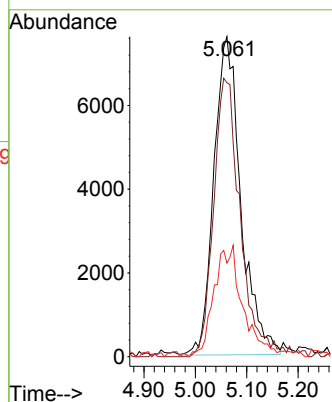
Tgt Ion: 53 Resp: 27727

Ion Ratio Lower Upper

53 100

52 86.2 64.7 97.1

51 37.0 28.4 42.6



#16

Acetone

Concen: 20.304 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY019482.D

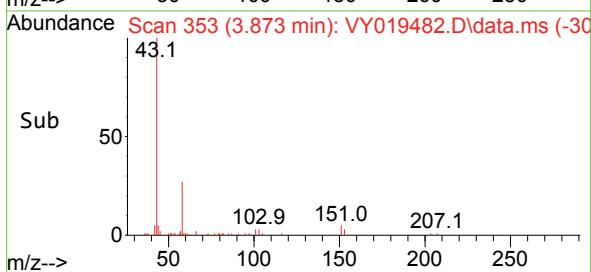
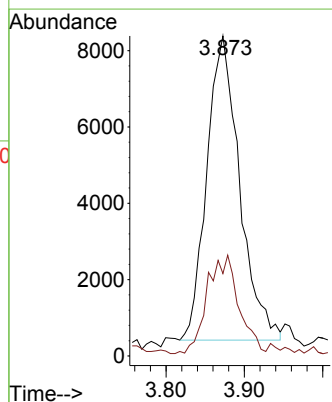
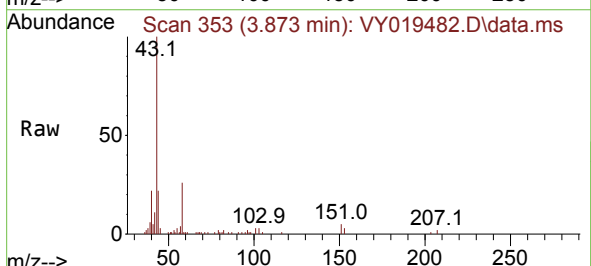
Acq: 10 Sep 2024 11:55

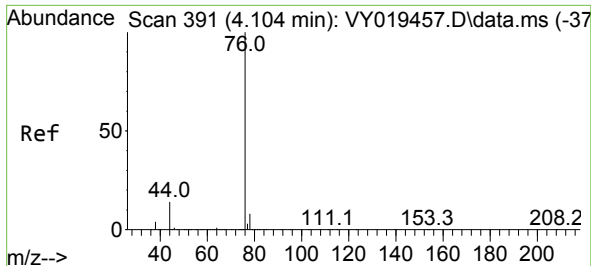
Tgt Ion: 43 Resp: 23177

Ion Ratio Lower Upper

43 100

58 25.6 31.7 47.5#

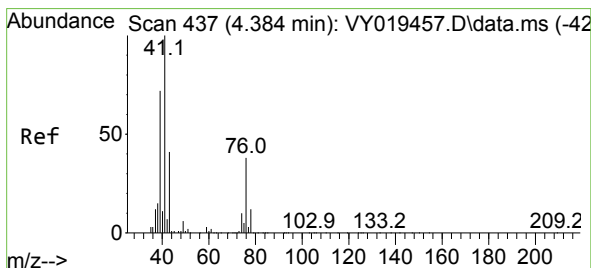
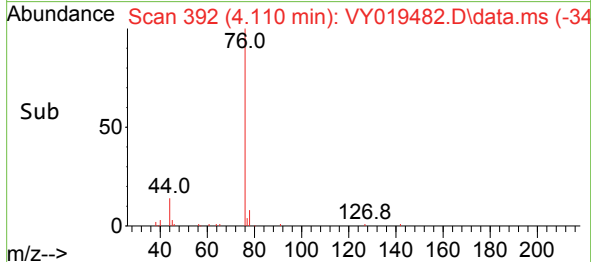
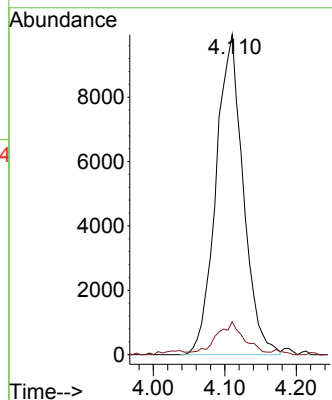
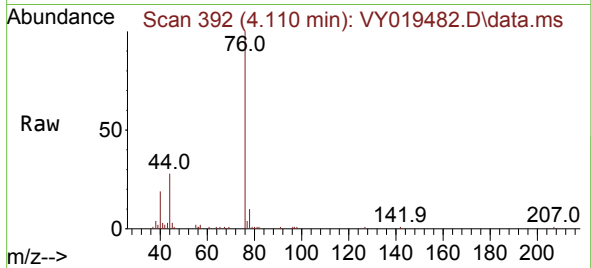




#17  
Carbon Disulfide  
Concen: 2.119 ug/l  
RT: 4.110 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

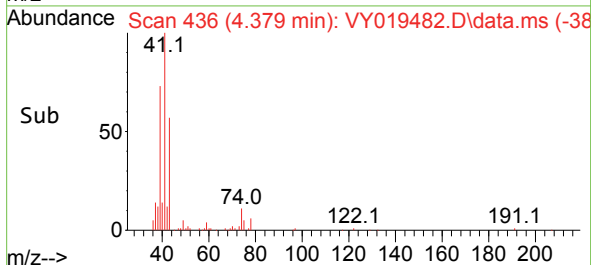
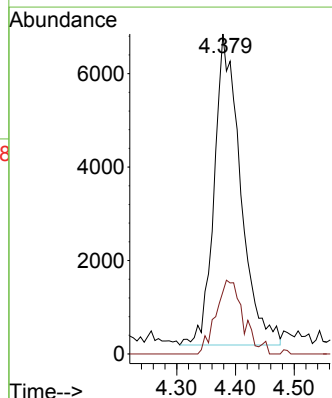
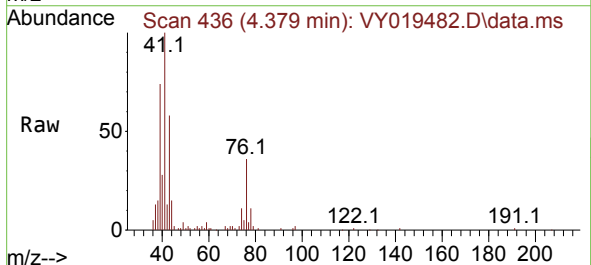
Instrument :  
MSVOA\_Y  
ClientSampleId :

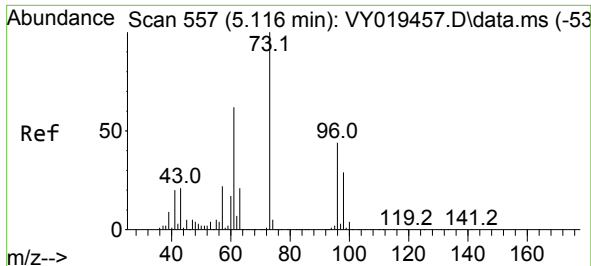
Tgt Ion: 76 Resp: 26280  
Ion Ratio Lower Upper  
76 100  
78 9.3 6.8 10.2



#18  
Methyl Acetate  
Concen: 6.689 ug/l  
RT: 4.379 min Scan# 436  
Delta R.T. -0.006 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Tgt Ion: 43 Resp: 20721  
Ion Ratio Lower Upper  
43 100  
74 23.9 23.3 34.9

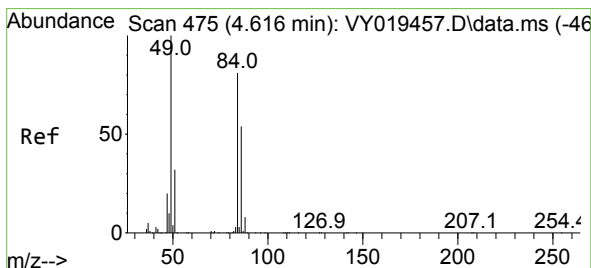
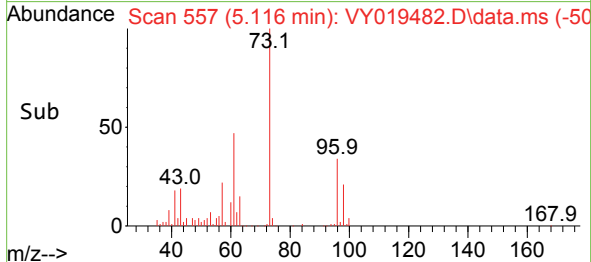
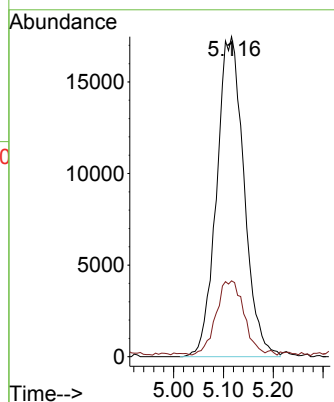
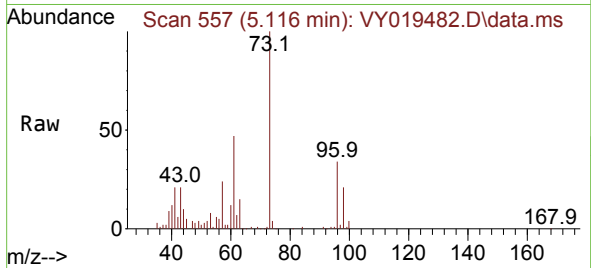




#19  
Methyl tert-butyl Ether  
Concen: 5.118 ug/l  
RT: 5.116 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

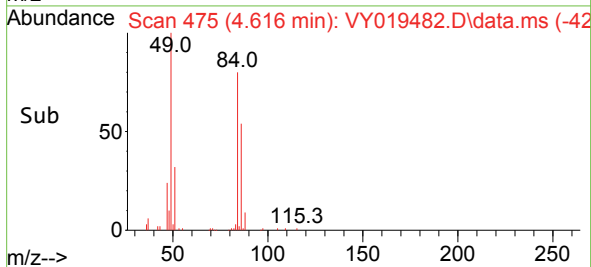
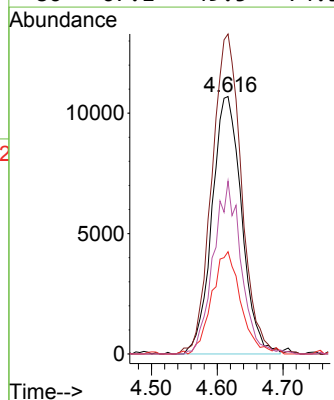
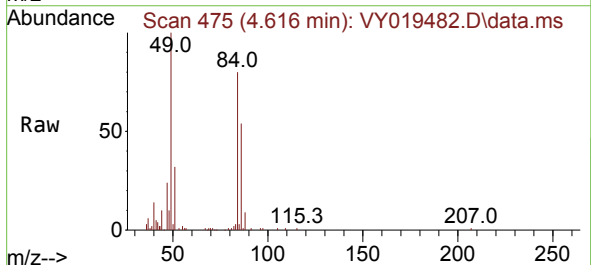
Instrument :  
MSVOA\_Y  
ClientSampleId :

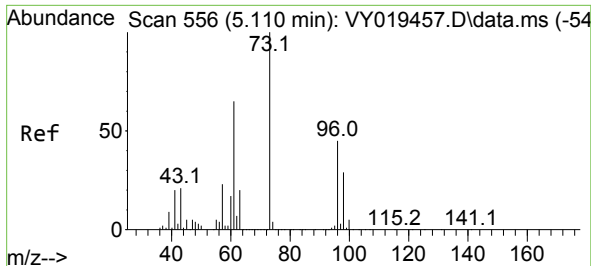
Tgt Ion: 73 Resp: 66553  
Ion Ratio Lower Upper  
73 100  
57 22.7 17.3 25.9



#20  
Methylene Chloride  
Concen: 6.435 ug/l  
RT: 4.616 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

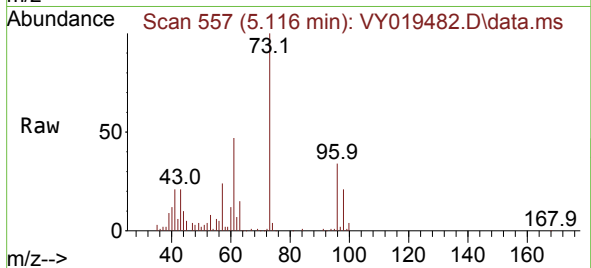
Tgt Ion: 84 Resp: 33500  
Ion Ratio Lower Upper  
84 100  
49 123.6 84.4 126.6  
51 39.1 26.0 39.0#  
86 67.1 49.5 74.3



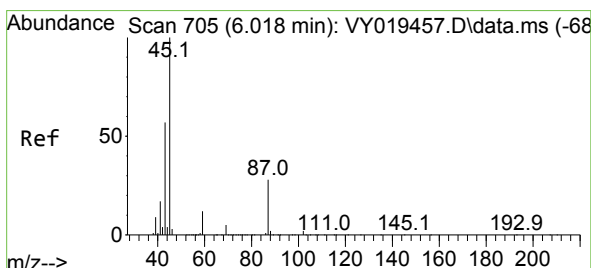
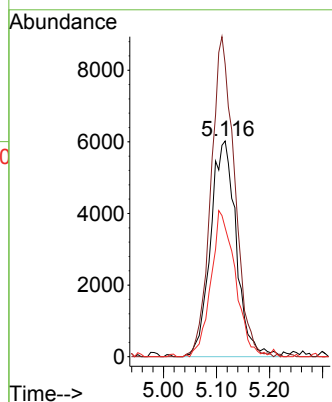
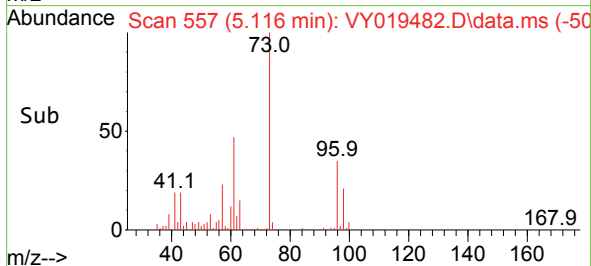


#21  
trans-1,2-Dichloroethene  
Concen: 4.023 ug/l  
RT: 5.116 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

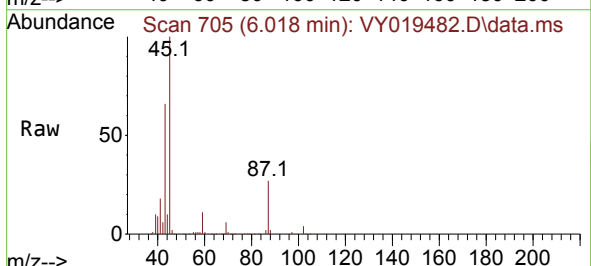
Instrument :  
MSVOA\_Y  
ClientSampleId :



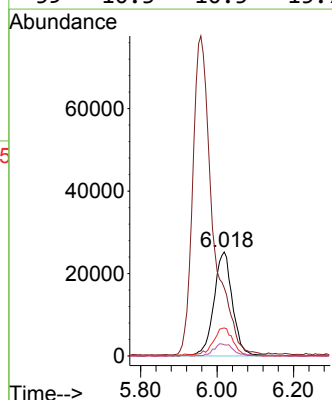
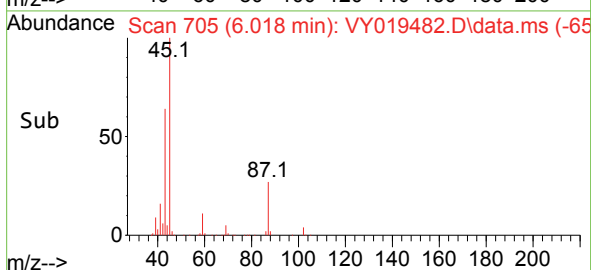
Tgt Ion: 96 Resp: 20242  
Ion Ratio Lower Upper  
96 100  
61 135.6 97.5 146.3  
98 59.8 50.5 75.7

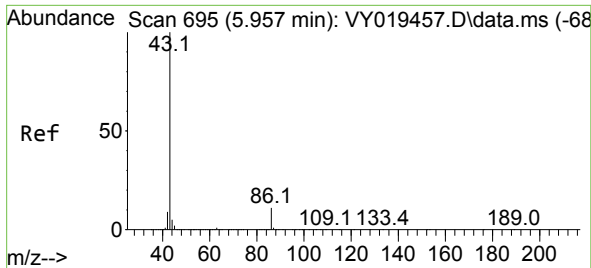


#22  
Diisopropyl ether  
Concen: 5.057 ug/l  
RT: 6.018 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55



Tgt Ion: 45 Resp: 85492  
Ion Ratio Lower Upper  
45 100  
43 63.7 42.2 63.2#  
87 26.9 25.0 37.6  
59 10.3 10.5 15.7#

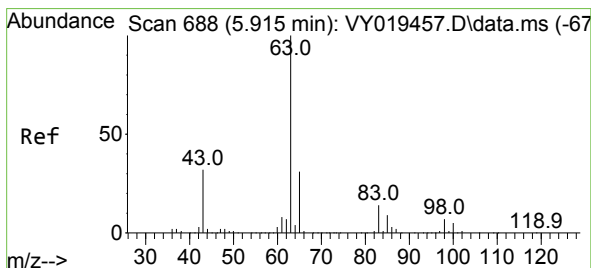
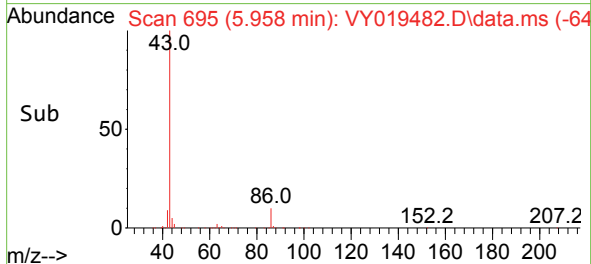
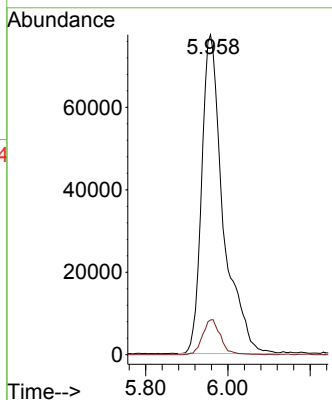
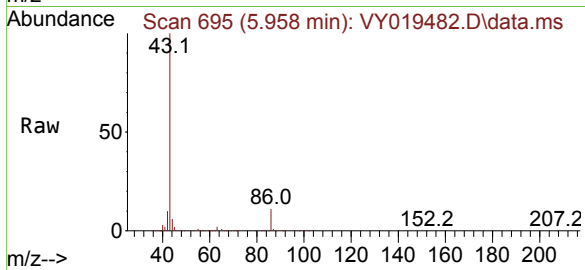




#23  
 Vinyl Acetate  
 Concen: 29.080 ug/l  
 RT: 5.958 min Scan# 695  
 Delta R.T. 0.000 min  
 Lab File: VY019482.D  
 Acq: 10 Sep 2024 11:55

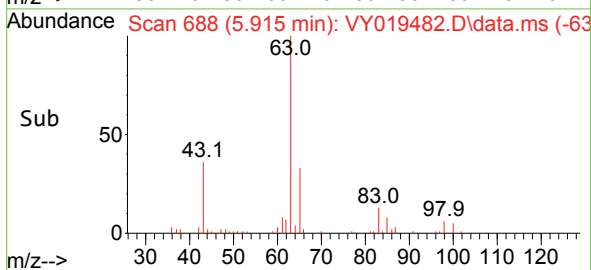
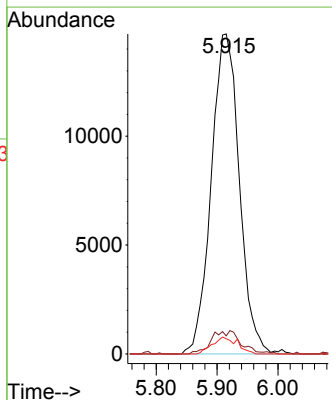
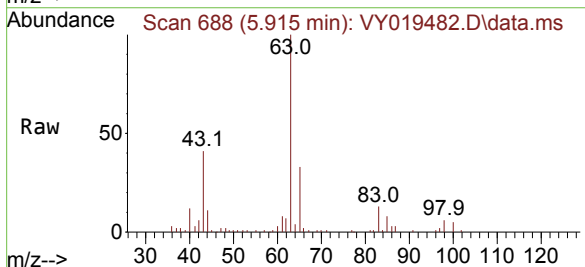
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 43 Resp: 280824  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 10.6 16.0

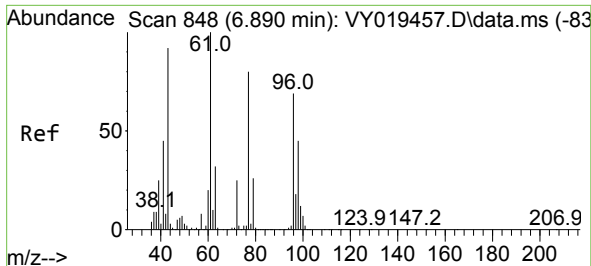


#24  
 1,1-Dichloroethane  
 Concen: 4.955 ug/l  
 RT: 5.915 min Scan# 688  
 Delta R.T. 0.000 min  
 Lab File: VY019482.D  
 Acq: 10 Sep 2024 11:55

Tgt Ion: 63 Resp: 47011  
 Ion Ratio Lower Upper  
 63 100  
 98 5.6 4.0 12.2  
 100 4.7 2.6 8.0

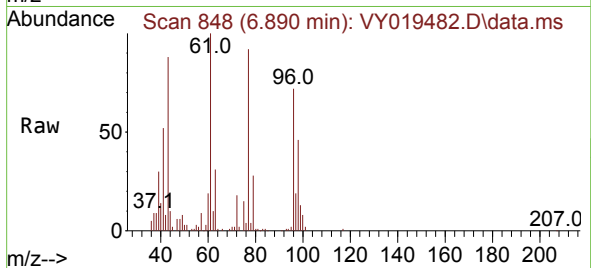




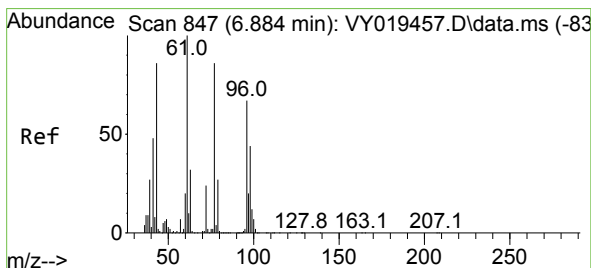
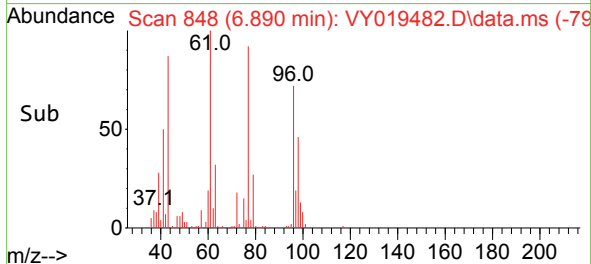
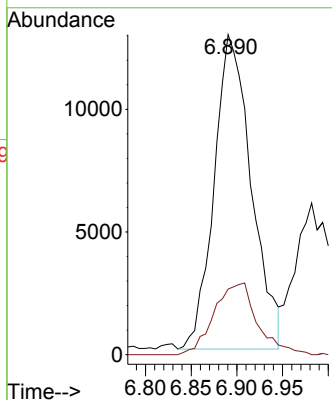


#25  
2-Butanone  
Concen: 22.433 ug/l  
RT: 6.890 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Instrument :  
MSVOA\_Y  
ClientSampleId :

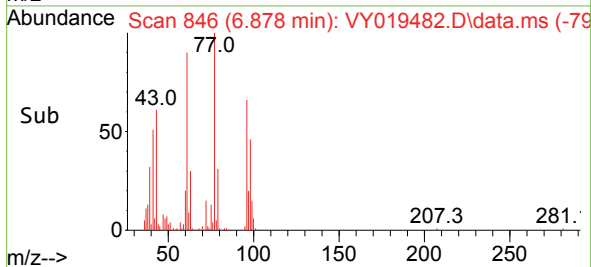
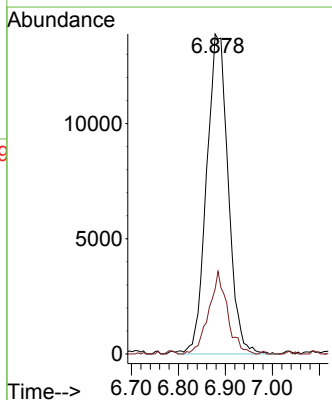
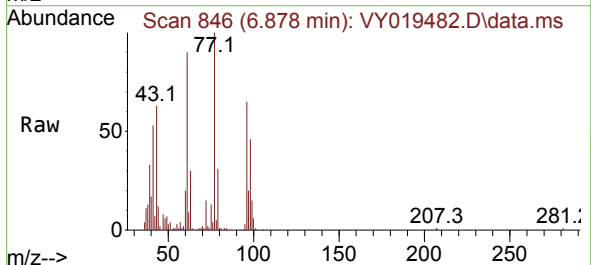


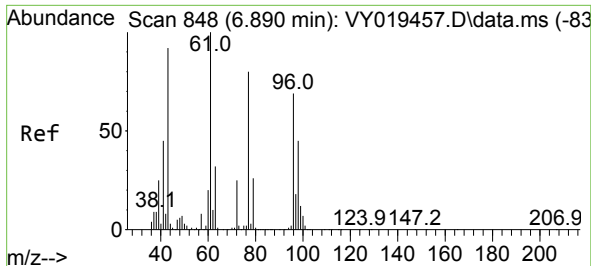
Tgt Ion: 43 Resp: 36421  
Ion Ratio Lower Upper  
43 100  
72 20.9 27.3 40.9#



#26  
2,2-Dichloropropane  
Concen: 5.181 ug/l  
RT: 6.878 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

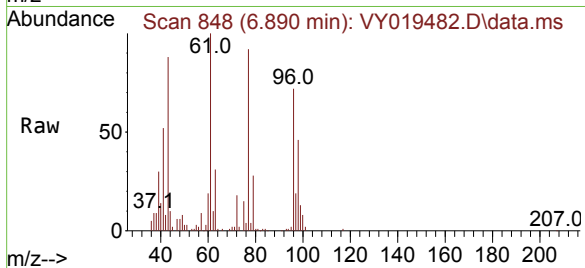
Tgt Ion: 77 Resp: 44340  
Ion Ratio Lower Upper  
77 100  
97 22.4 12.0 36.1





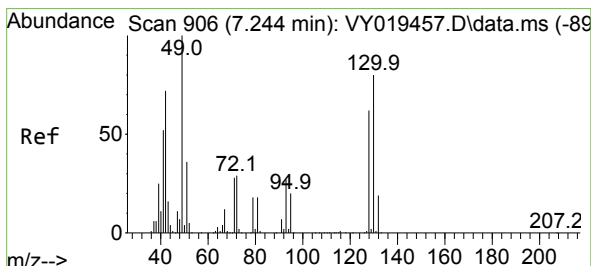
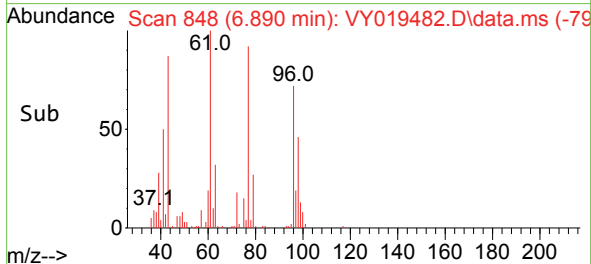
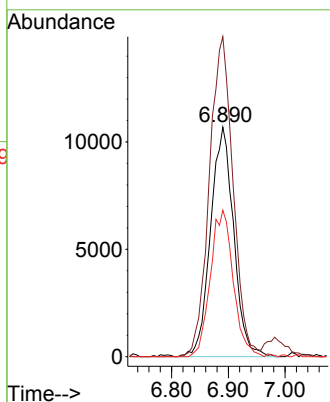
#27  
 cis-1,2-Dichloroethene  
 Concen: 4.953 ug/l  
 RT: 6.890 min Scan# 848  
 Delta R.T. 0.000 min  
 Lab File: VY019482.D  
 Acq: 10 Sep 2024 11:55

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



Tgt Ion: 96 Resp: 30279  

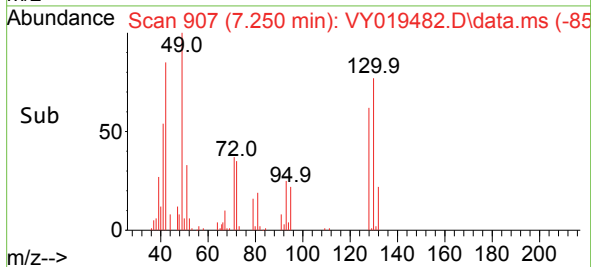
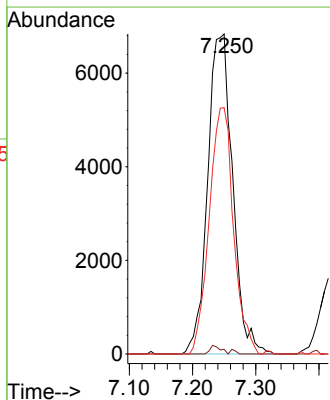
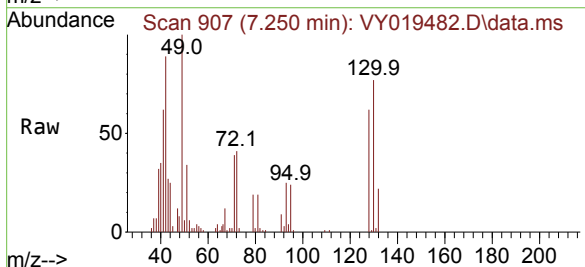
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 143.0 | 0.0   | 256.2 |
| 98  | 62.9  | 0.0   | 130.0 |

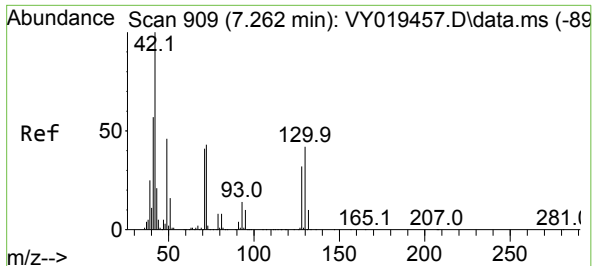


#28  
 Bromochloromethane  
 Concen: 4.688 ug/l  
 RT: 7.250 min Scan# 907  
 Delta R.T. 0.006 min  
 Lab File: VY019482.D  
 Acq: 10 Sep 2024 11:55

Tgt Ion: 49 Resp: 18715  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.3   | 0.0   | 4.6   |
| 130 | 75.0  | 72.7  | 109.1 |





#29

Tetrahydrofuran

Concen: 22.737 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

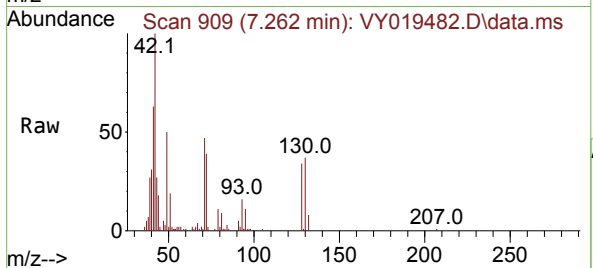
Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

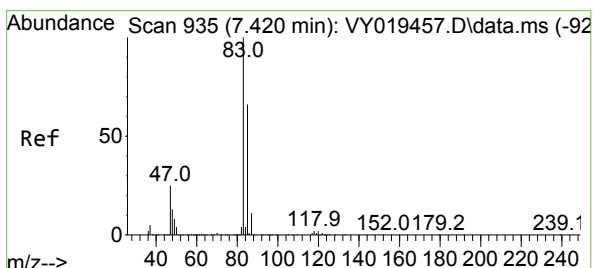
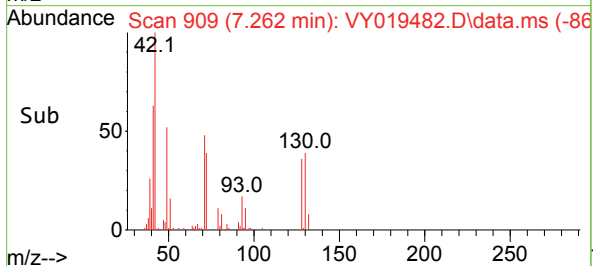
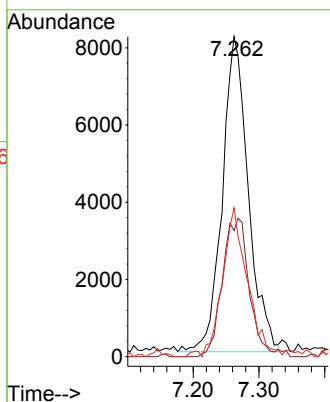
Instrument :

MSVOA\_Y

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 22444 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 44.9  | 43.0  | 64.4  |
| 71       | 45.3  | 40.8  | 61.2  |



#30

Chloroform

Concen: 5.239 ug/l

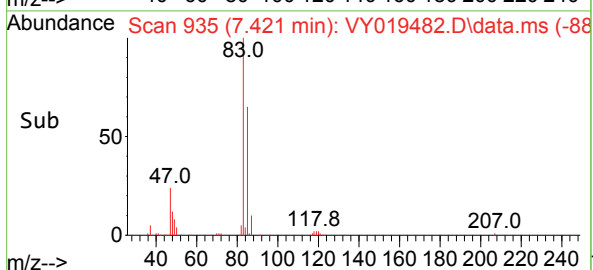
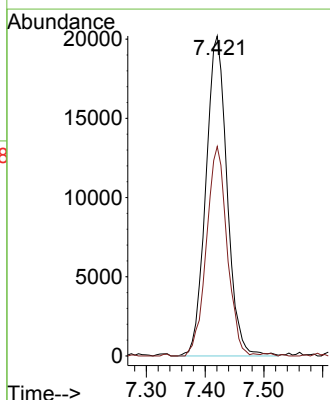
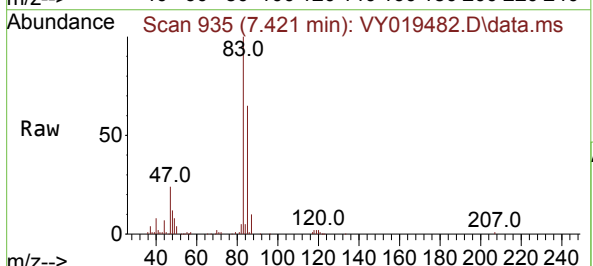
RT: 7.421 min Scan# 935

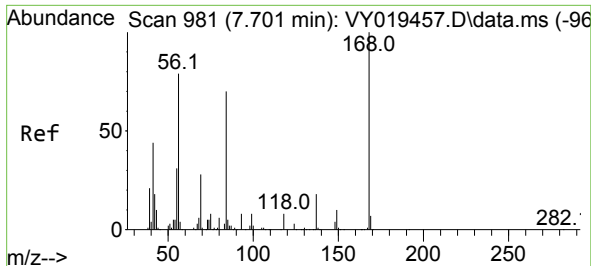
Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

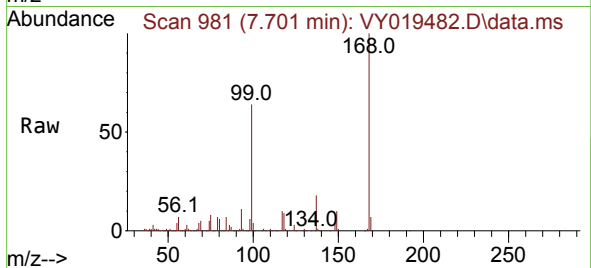
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 50736 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.4  | 52.2  | 78.4  |



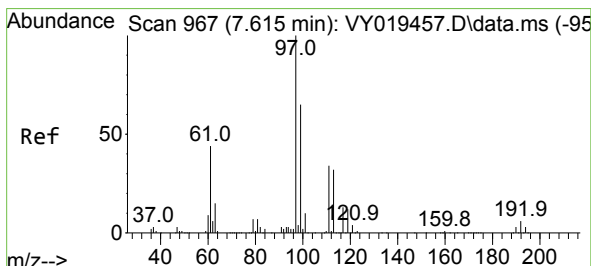
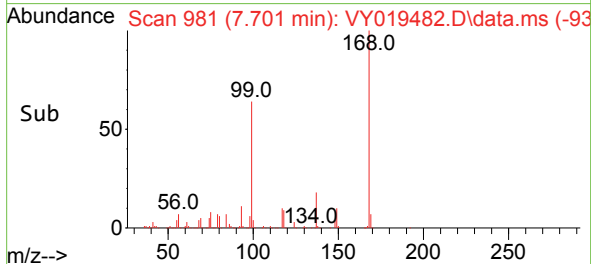
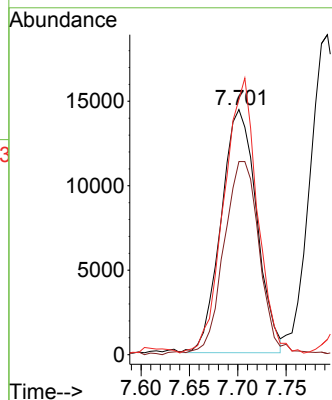


#31  
Cyclohexane  
Concen: 4.299 ug/l  
RT: 7.701 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Instrument :  
MSVOA\_Y  
ClientSampleId :

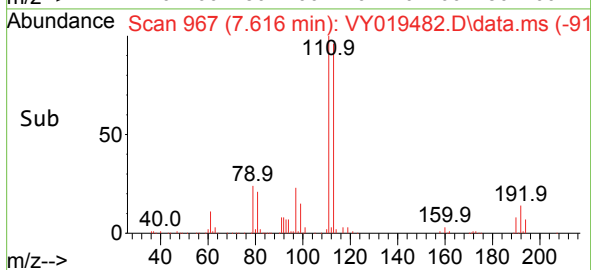
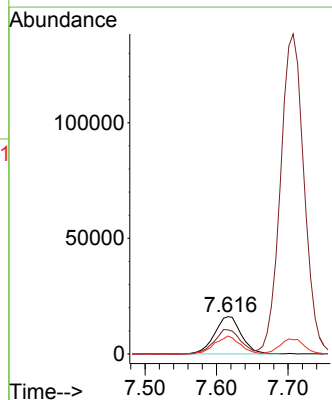
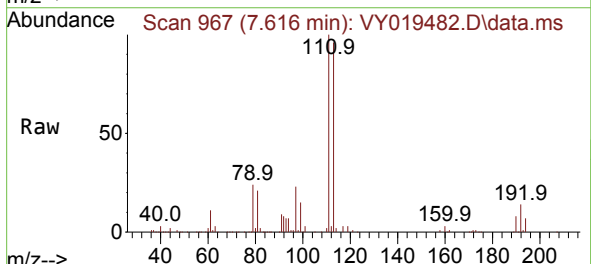


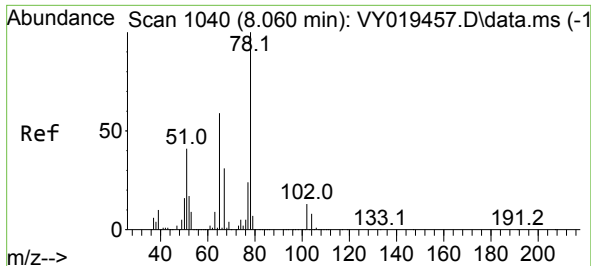
Tgt Ion: 56 Resp: 36863  
Ion Ratio Lower Upper  
56 100  
69 78.2 28.7 43.1#  
84 104.3 77.7 116.5



#32  
1,1,1-Trichloroethane  
Concen: 4.827 ug/l  
RT: 7.616 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Tgt Ion: 97 Resp: 41903  
Ion Ratio Lower Upper  
97 100  
99 64.4 50.3 75.5  
61 45.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 59.093 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

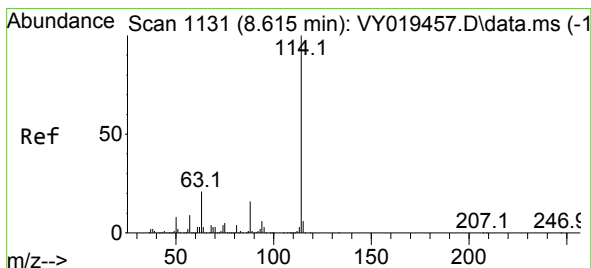
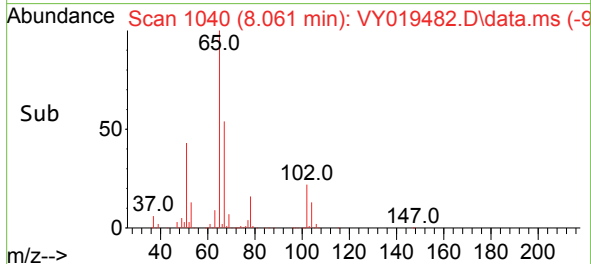
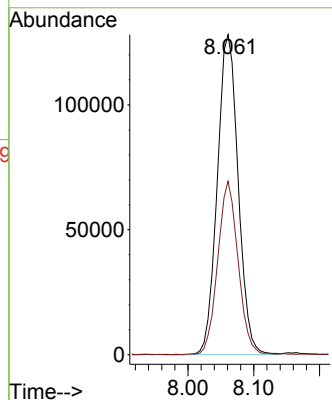
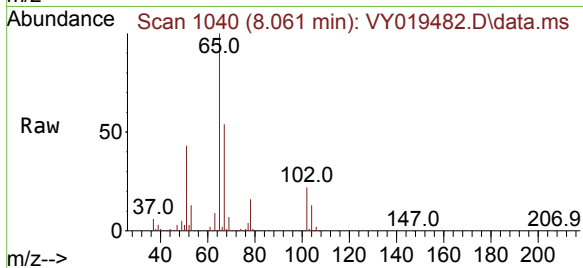
ClientSampleId :

Tgt Ion: 65 Resp: 283149

Ion Ratio Lower Upper

65 100

67 53.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

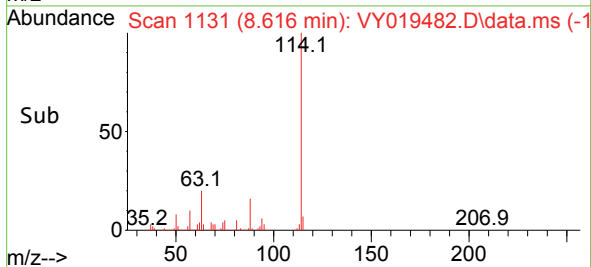
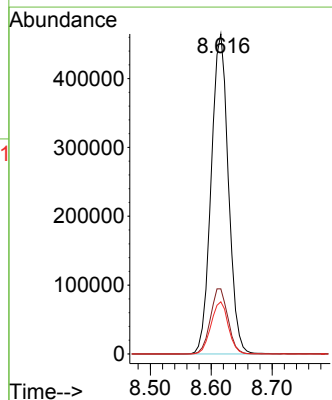
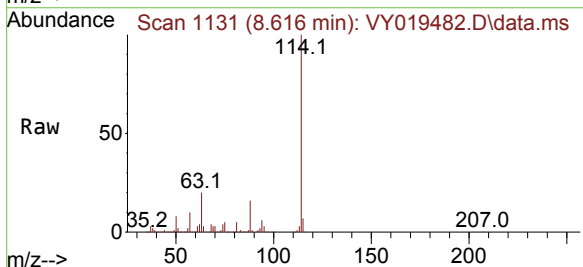
Tgt Ion: 114 Resp: 911308

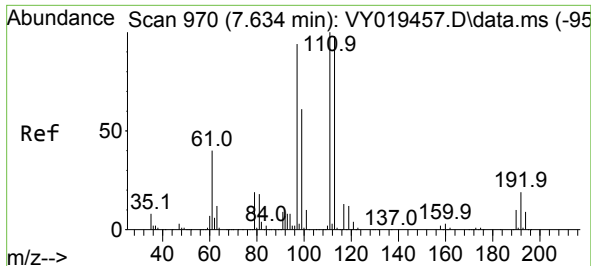
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

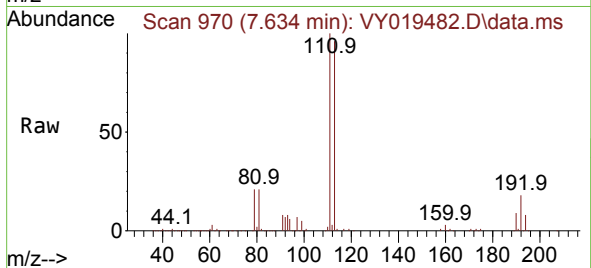
88 16.3 0.0 27.2



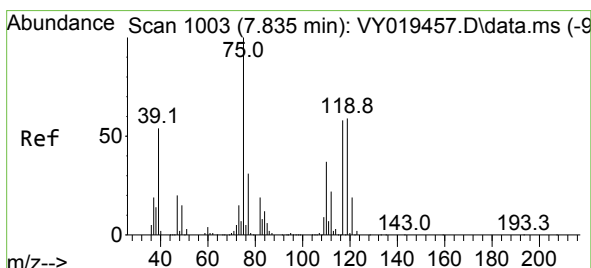
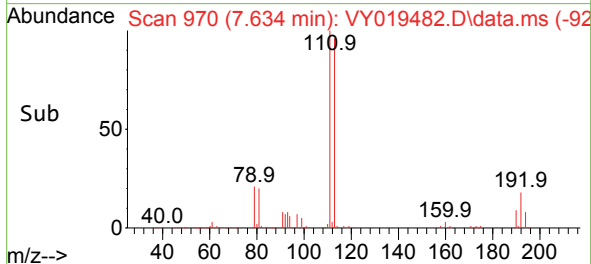
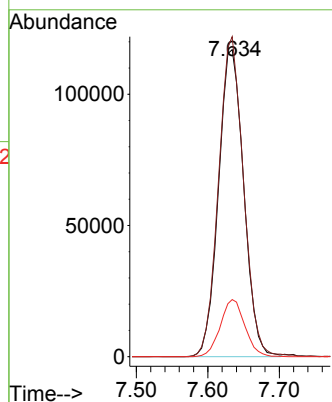


#35  
Dibromofluoromethane  
Concen: 55.514 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Instrument :  
MSVOA\_Y  
ClientSampleId :

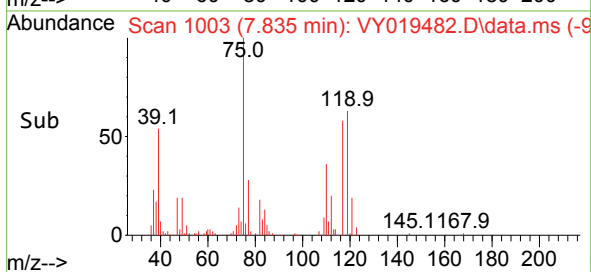
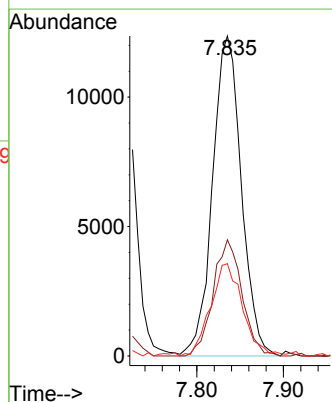
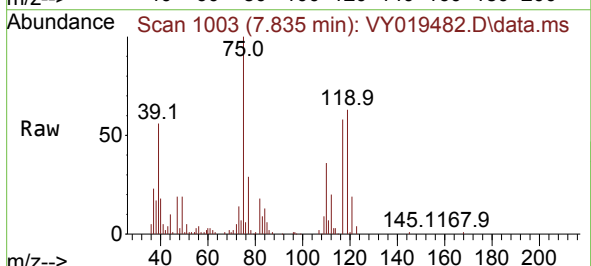


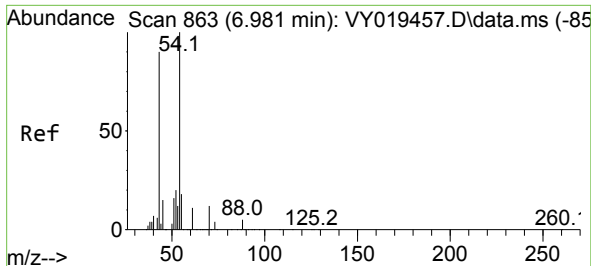
Tgt Ion:113 Resp: 286839  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.2 123.4  
192 18.1 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 4.059 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Tgt Ion: 75 Resp: 28541  
Ion Ratio Lower Upper  
75 100  
110 36.4 19.0 57.0  
77 32.0 25.3 37.9





#37

Ethyl Acetate

Concen: 4.566 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

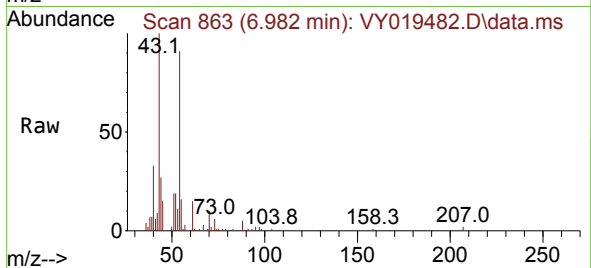
Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

ClientSampleId :



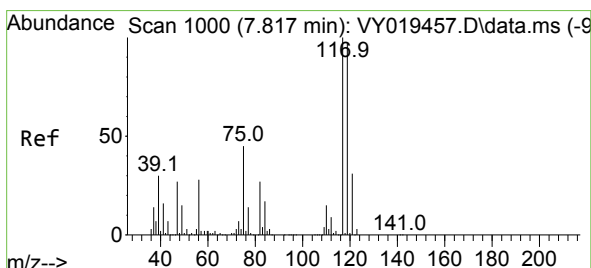
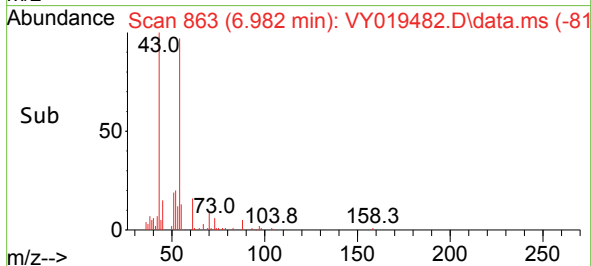
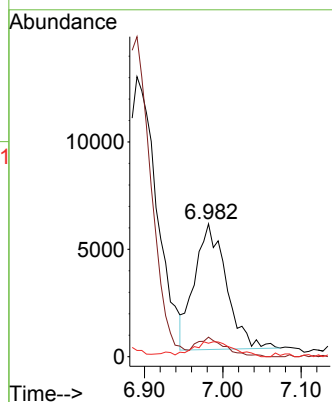
Tgt Ion: 43 Resp: 16449

Ion Ratio Lower Upper

43 100

61 13.7 12.6 19.0

70 15.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 4.399 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

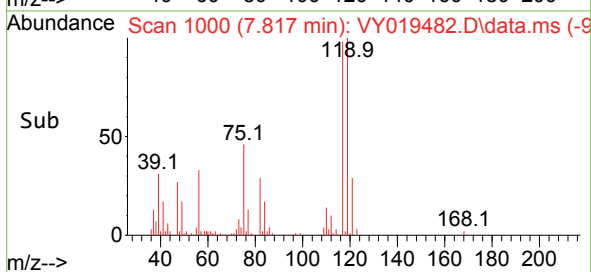
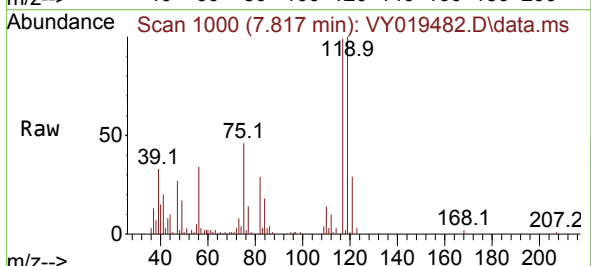
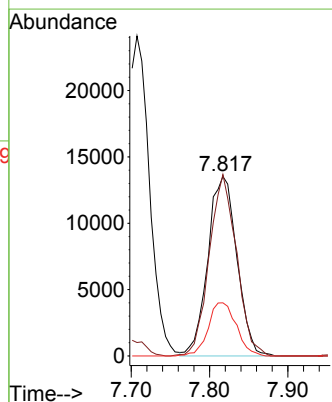
Tgt Ion: 117 Resp: 34880

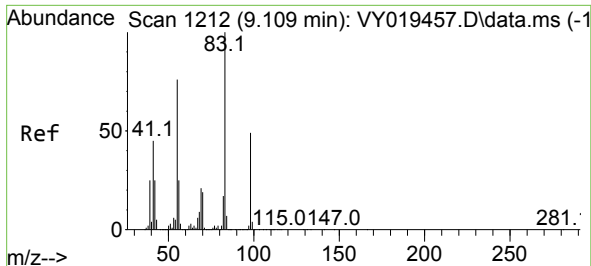
Ion Ratio Lower Upper

117 100

119 101.0 75.8 113.6

121 29.6 24.0 36.0





#39

Methylcyclohexane

Concen: 3.348 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

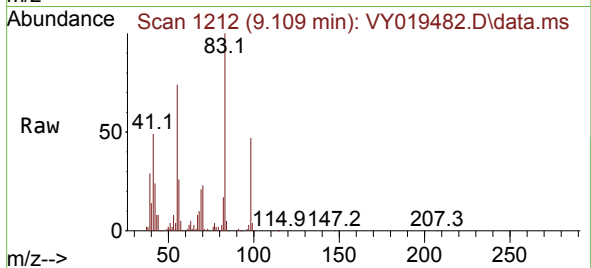
Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

ClientSampleId :



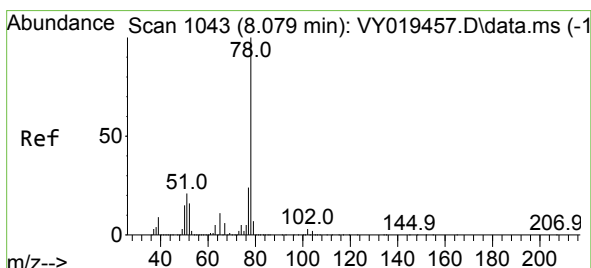
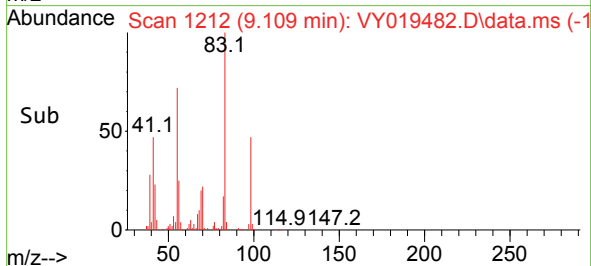
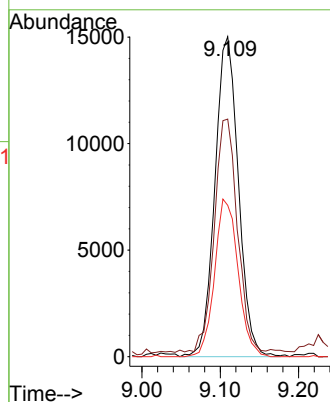
Tgt Ion: 83 Resp: 31323

Ion Ratio Lower Upper

83 100

55 72.2 51.5 77.3

98 47.3 40.5 60.7



#40

Benzene

Concen: 4.444 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019482.D

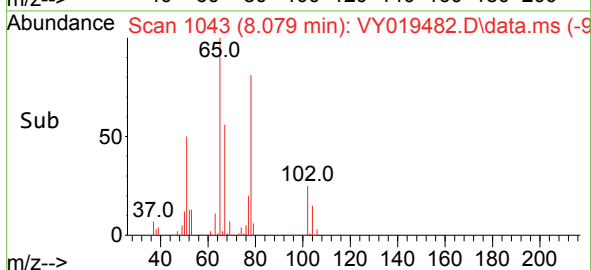
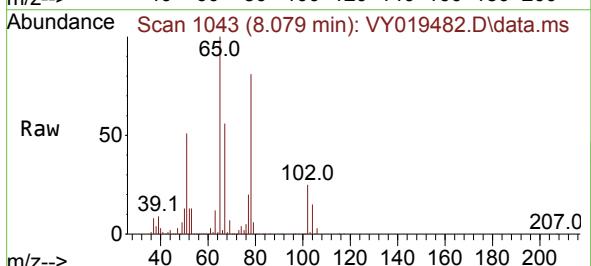
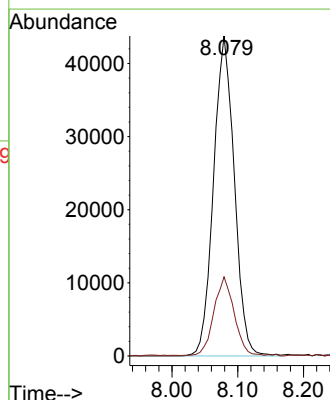
Acq: 10 Sep 2024 11:55

Tgt Ion: 78 Resp: 96230

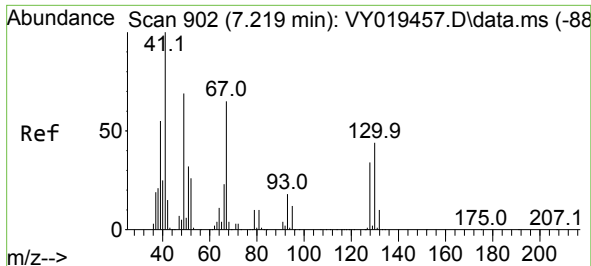
Ion Ratio Lower Upper

78 100

77 24.7 19.5 29.3

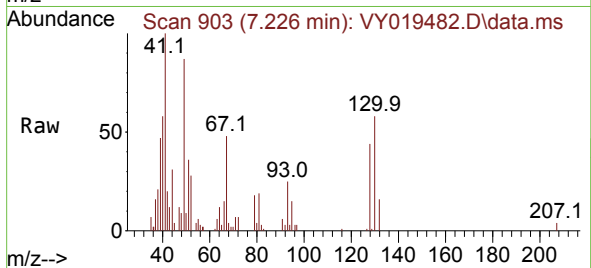




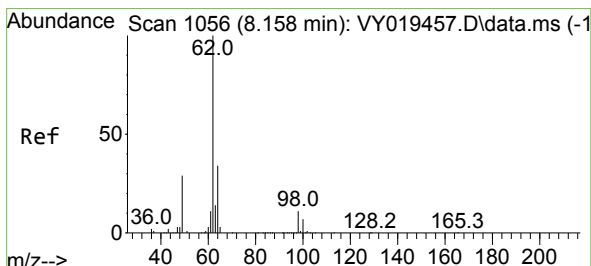
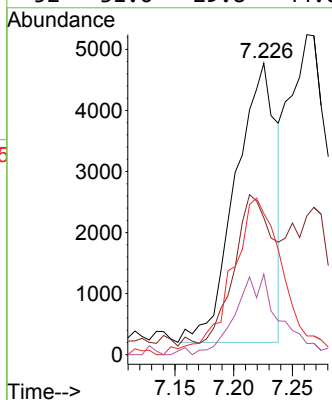
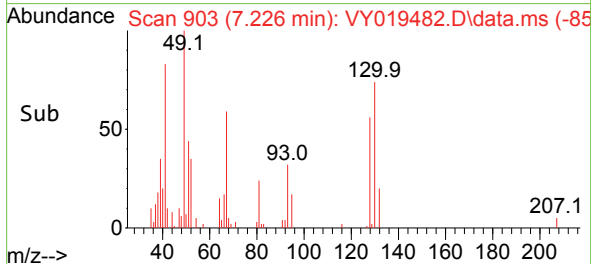


#41  
Methacrylonitrile  
Concen: 5.264 ug/l  
RT: 7.226 min Scan# 902  
Delta R.T. 0.006 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

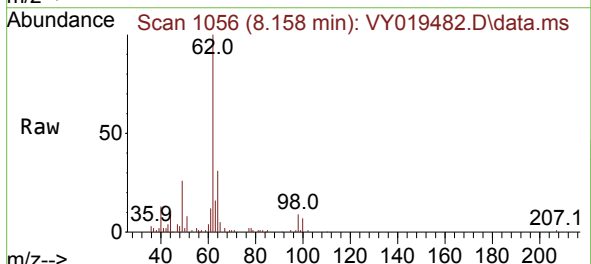
Instrument :  
MSVOA\_Y  
ClientSampleId :



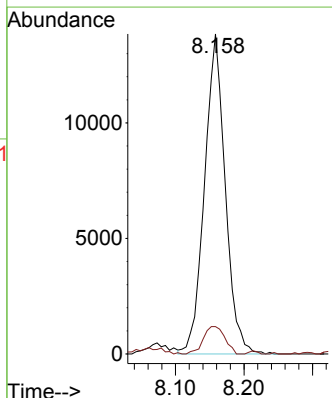
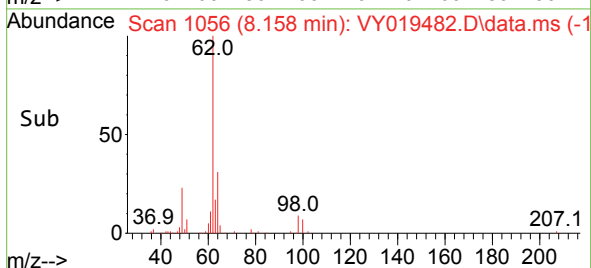
Tgt Ion: 41 Resp: 11054  
Ion Ratio Lower Upper  
41 100  
39 50.1 48.0 72.0  
67 72.6 75.1 112.7#  
52 31.6 29.8 44.6

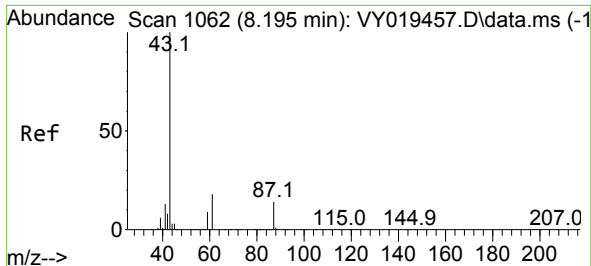


#42  
1,2-Dichloroethane  
Concen: 5.003 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55



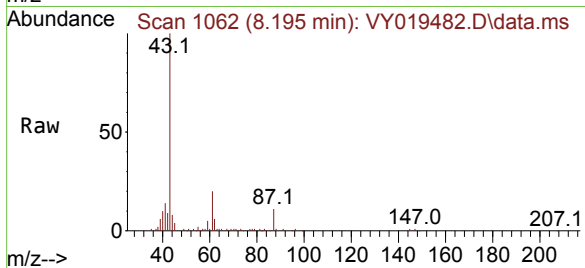
Tgt Ion: 62 Resp: 29152  
Ion Ratio Lower Upper  
62 100  
98 8.9 0.0 22.0



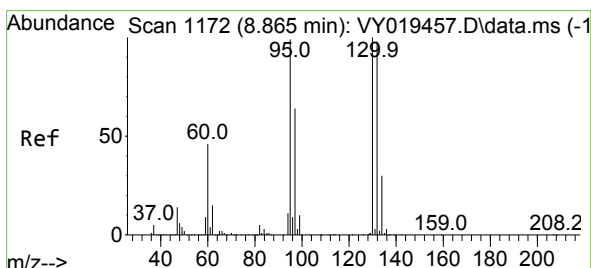
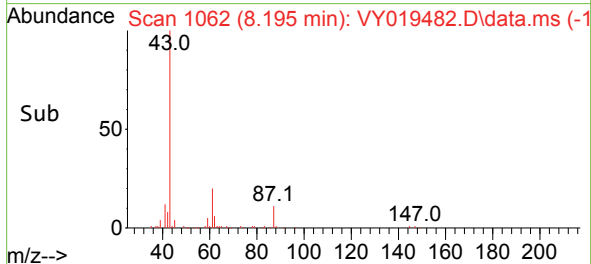
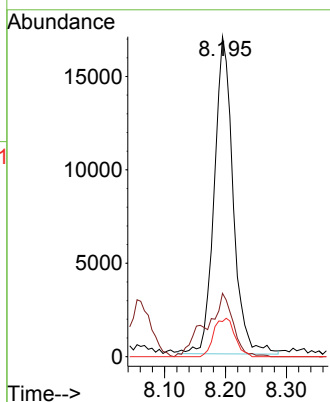


#43  
Isopropyl Acetate  
Concen: 4.839 ug/l  
RT: 8.195 min Scan# 1062  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Instrument :  
MSVOA\_Y  
ClientSampleId :

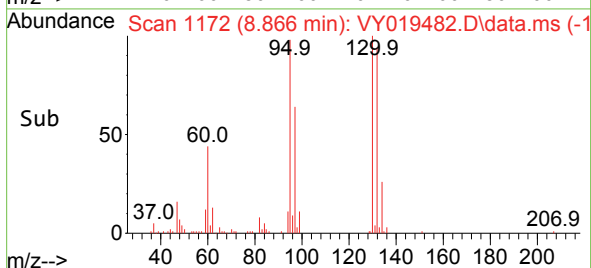
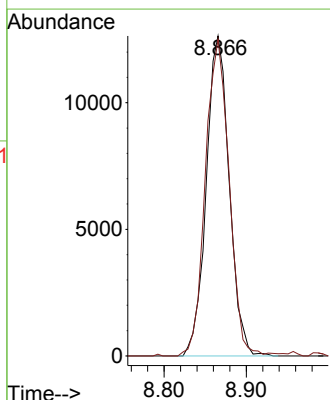
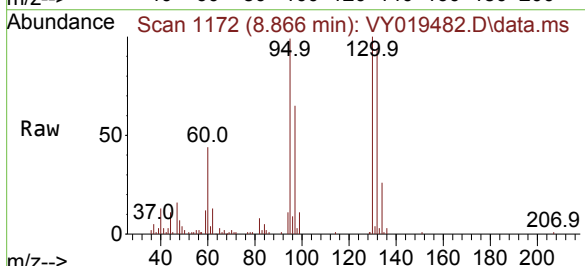


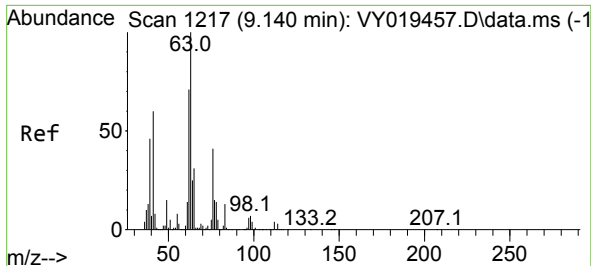
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.5  | 27.9  | 41.9# |
| 87      | 13.5  | 13.1  | 19.7  |



#44  
Trichloroethene  
Concen: 4.412 ug/l  
RT: 8.866 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 98.9  | 0.0   | 188.0 |





#45

1,2-Dichloropropane

Concen: 4.820 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

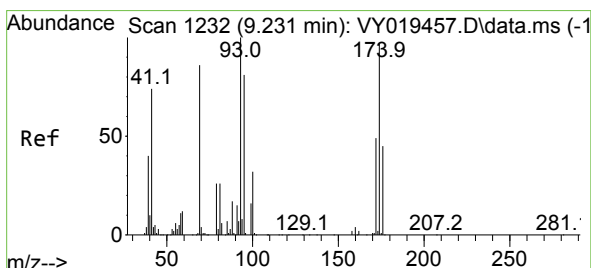
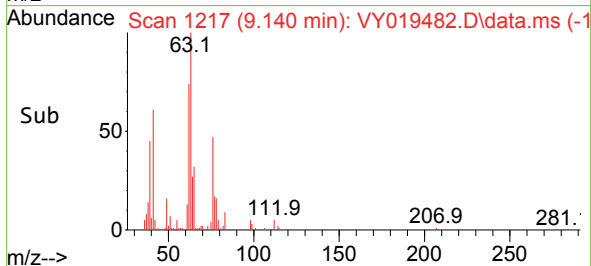
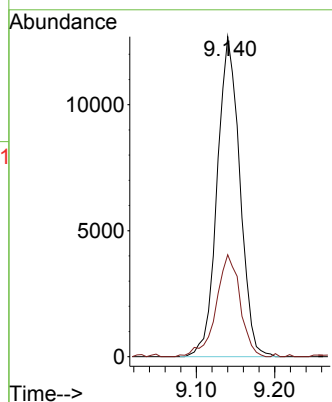
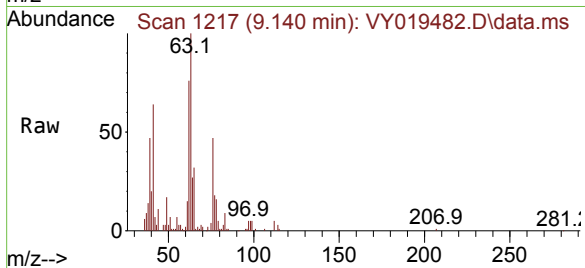
ClientSampleId :

Tgt Ion: 63 Resp: 25518

Ion Ratio Lower Upper

63 100

65 31.8 25.4 38.2



#46

Dibromomethane

Concen: 4.705 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

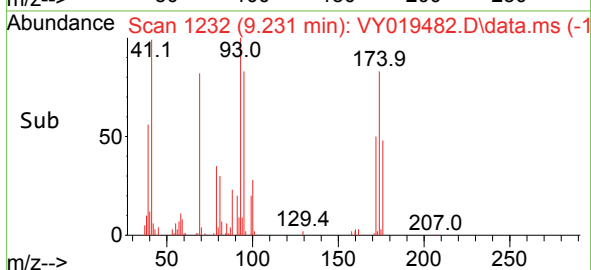
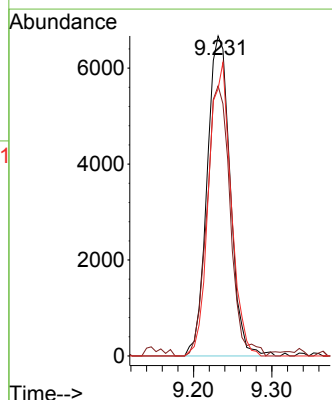
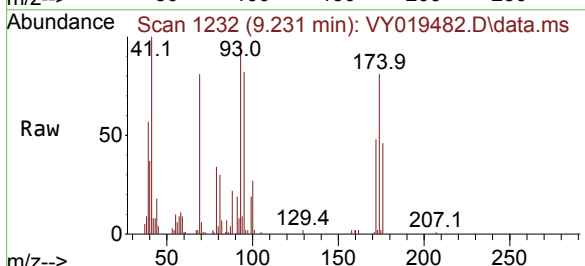
Tgt Ion: 93 Resp: 13622

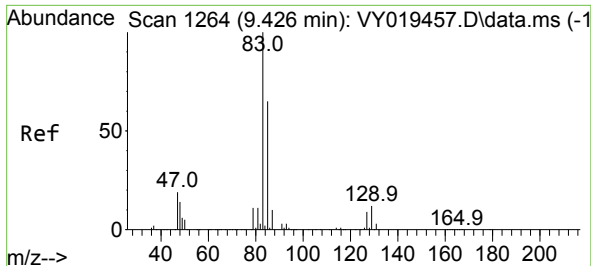
Ion Ratio Lower Upper

93 100

95 85.3 66.2 99.4

174 88.6 80.9 121.3

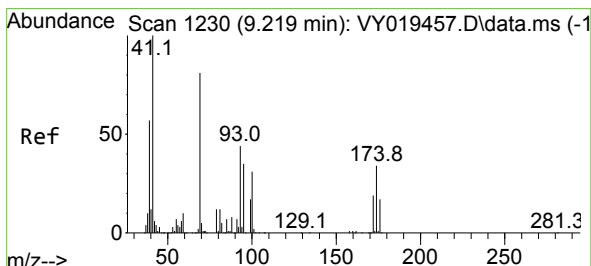
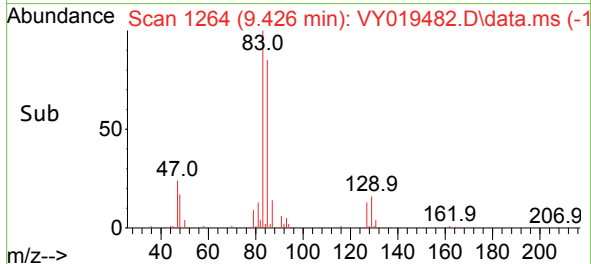
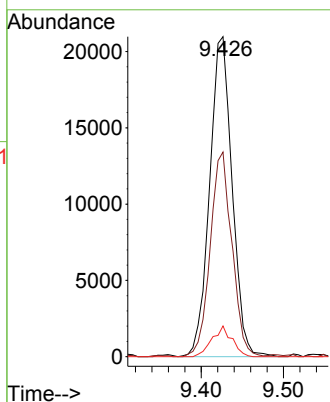
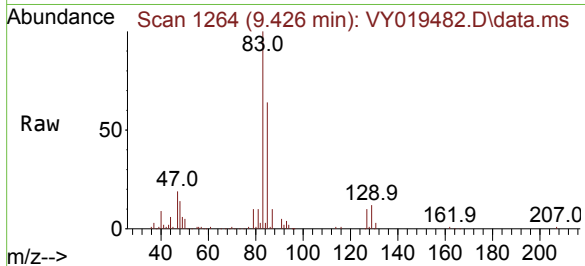




#47  
Bromodichloromethane  
Concen: 5.132 ug/l  
RT: 9.426 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

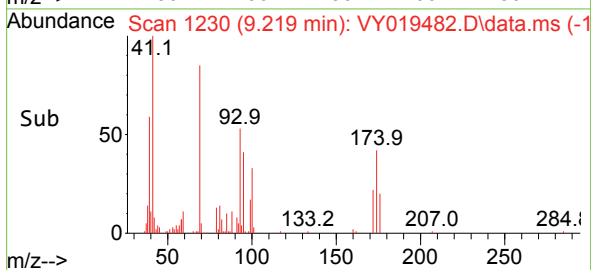
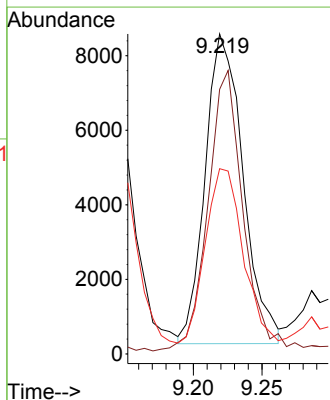
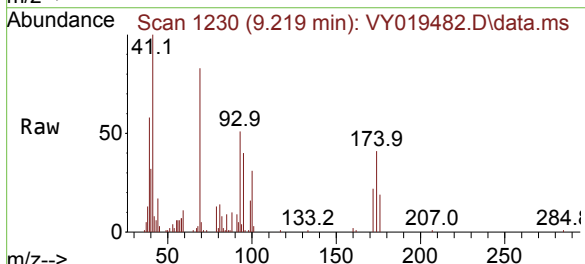
Instrument :  
MSVOA\_Y  
ClientSampleId :

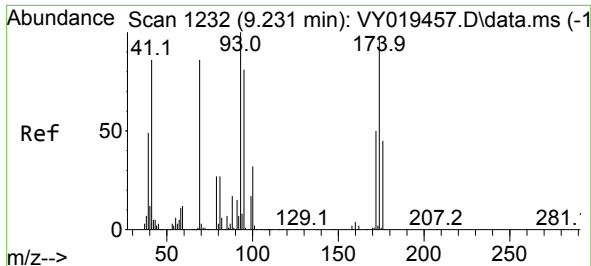
Tgt Ion: 83 Resp: 39939  
Ion Ratio Lower Upper  
83 100  
85 63.9 50.1 75.1  
127 9.6 7.4 11.0



#48  
Methyl methacrylate  
Concen: 4.468 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Tgt Ion: 41 Resp: 15969  
Ion Ratio Lower Upper  
41 100  
69 89.1 84.1 126.1  
39 59.2 43.6 65.4





#49

1,4-Dioxane

Concen: 97.912 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

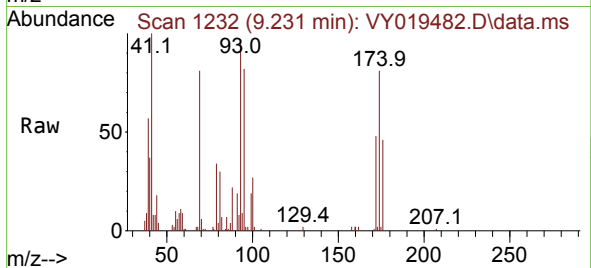
Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

ClientSampleId :



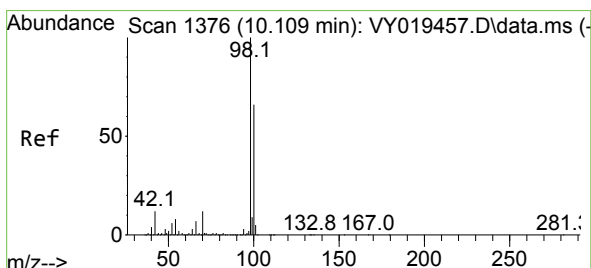
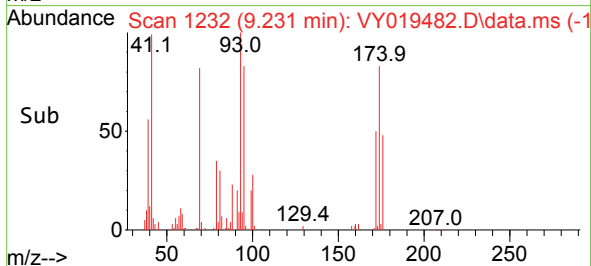
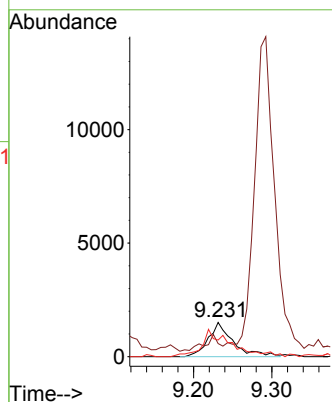
Tgt Ion: 88 Resp: 3337

Ion Ratio Lower Upper

88 100

43 27.4 0.0 0.0#

58 93.0 49.3 73.9#



#50

Toluene-d8

Concen: 56.727 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019482.D

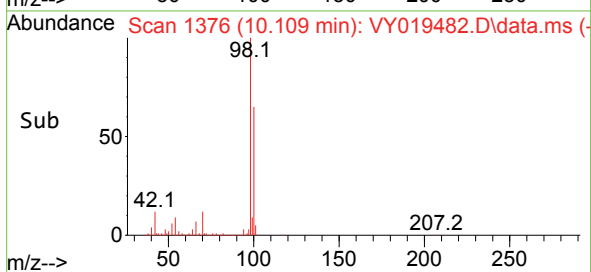
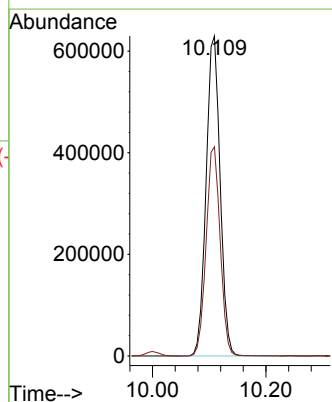
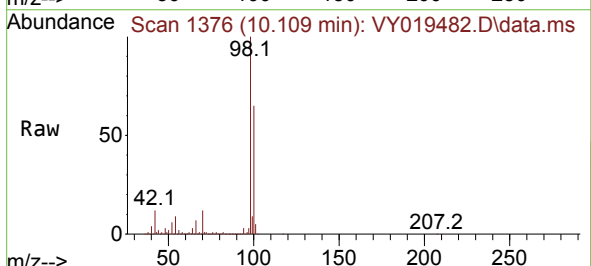
Acq: 10 Sep 2024 11:55

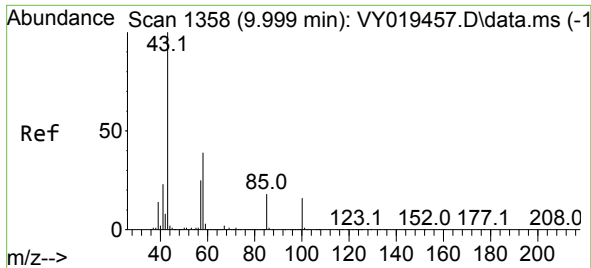
Tgt Ion: 98 Resp: 1084137

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 23.711 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

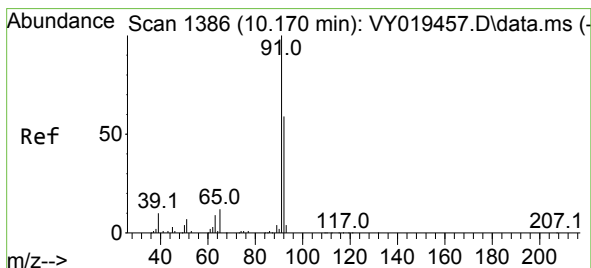
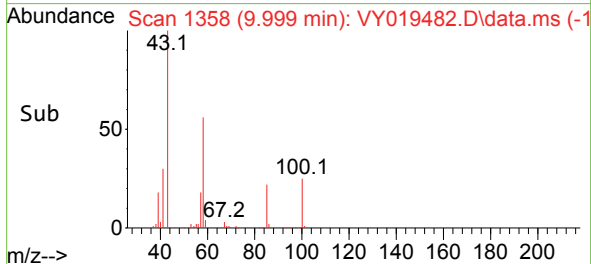
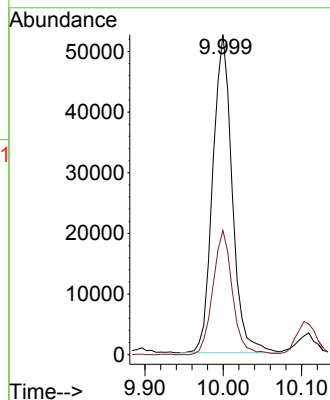
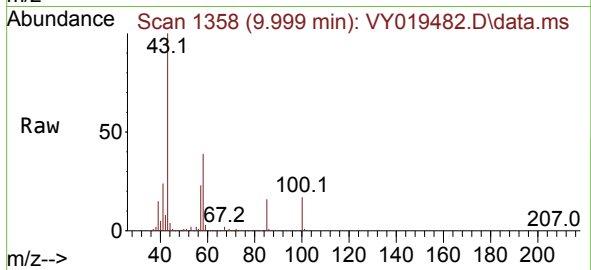
ClientSampleId :

Tgt Ion: 43 Resp: 90282

Ion Ratio Lower Upper

43 100

58 39.4 35.7 53.5



#52

Toluene

Concen: 4.434 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019482.D

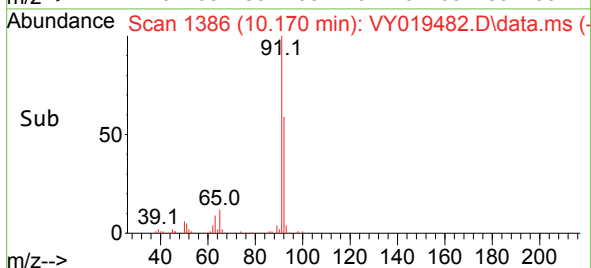
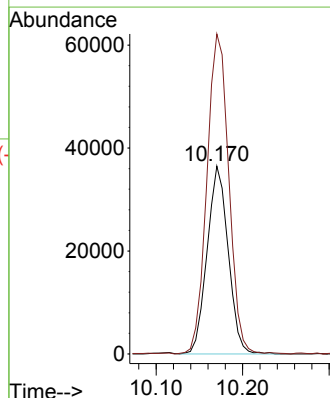
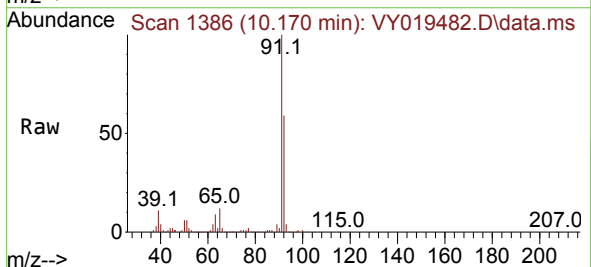
Acq: 10 Sep 2024 11:55

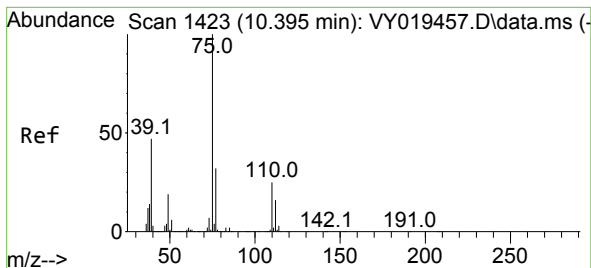
Tgt Ion: 92 Resp: 61749

Ion Ratio Lower Upper

92 100

91 176.7 139.0 208.6

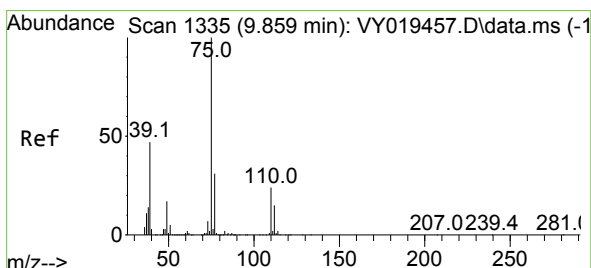
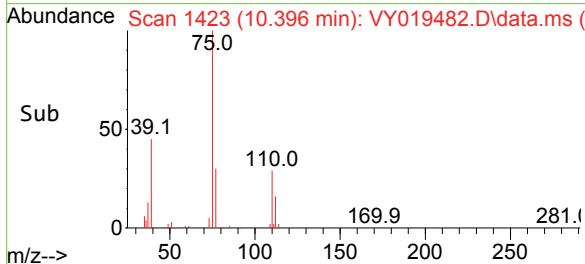
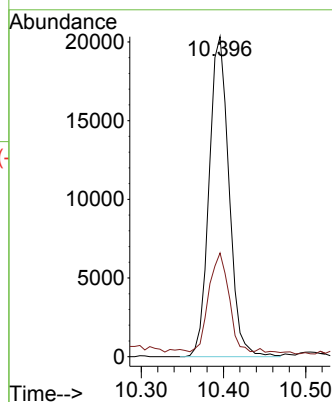
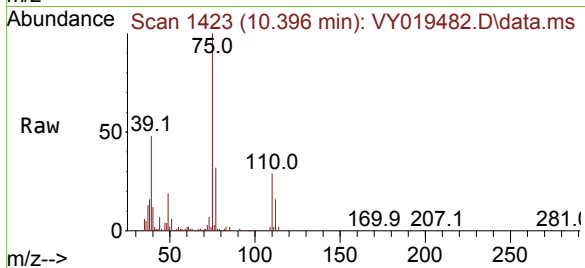




#53  
 t-1,3-Dichloropropene  
 Concen: 4.613 ug/l  
 RT: 10.396 min Scan# 1423  
 Delta R.T. 0.000 min  
 Lab File: VY019482.D  
 Acq: 10 Sep 2024 11:55

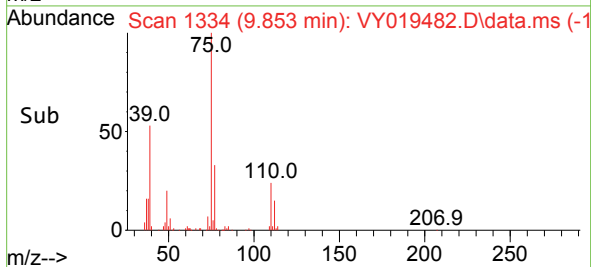
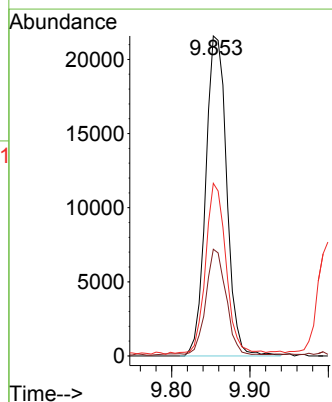
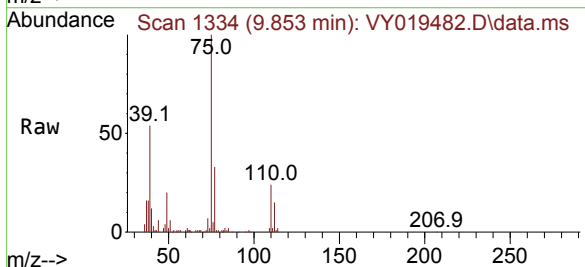
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

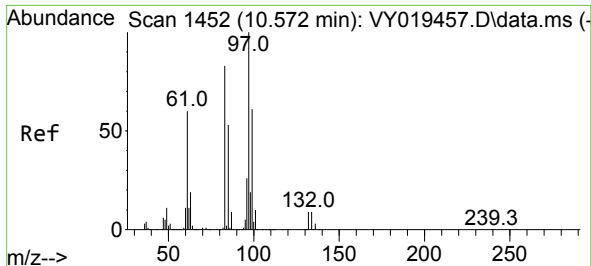
Tgt Ion: 75 Resp: 34222  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 4.642 ug/l  
 RT: 9.853 min Scan# 1334  
 Delta R.T. -0.006 min  
 Lab File: VY019482.D  
 Acq: 10 Sep 2024 11:55

Tgt Ion: 75 Resp: 40102  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 25.4 38.0  
 39 52.8 29.8 44.6#

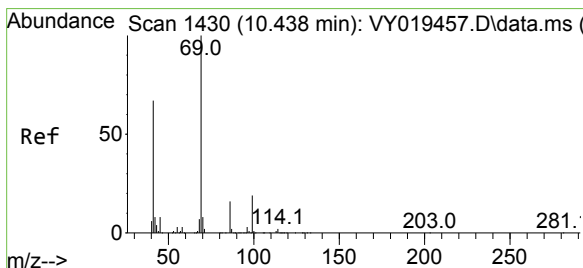
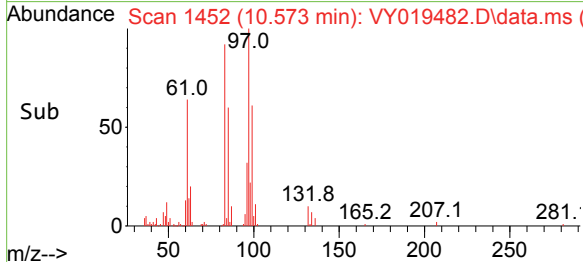
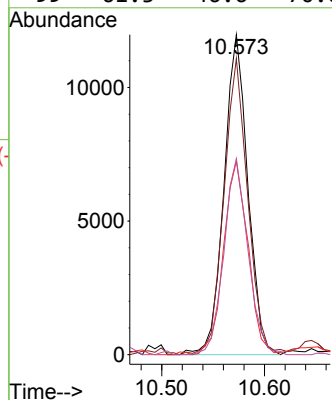
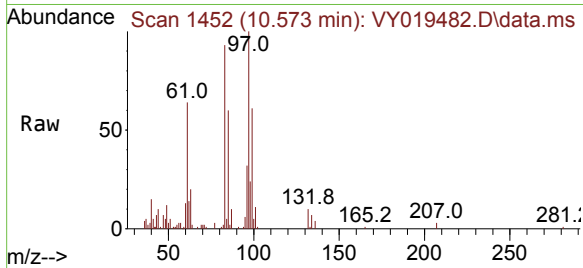




#55  
1,1,2-Trichloroethane  
Concen: 4.827 ug/l  
RT: 10.573 min Scan# 1452  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

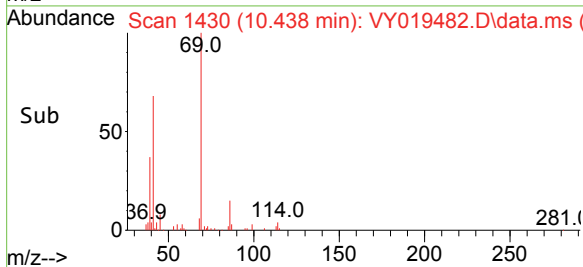
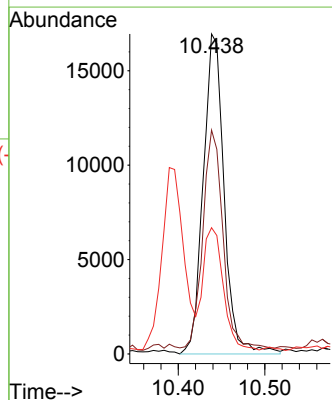
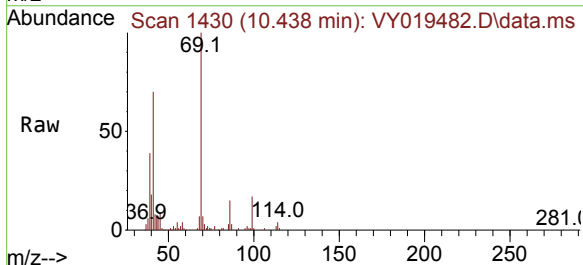
Instrument :  
MSVOA\_Y  
ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 19299 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 92.5     | 67.5 101.3  |
| 85 59.8     | 42.9 64.3   |
| 99 61.3     | 46.6 70.0   |

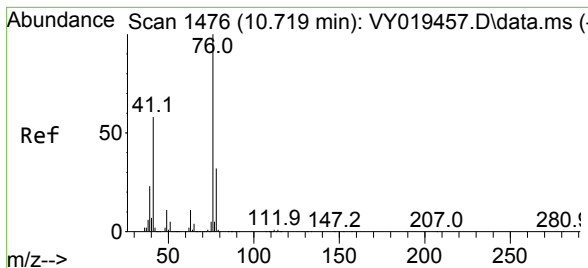


#56  
Ethyl methacrylate  
Concen: 4.674 ug/l  
RT: 10.438 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 28387 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 64.9     | 42.3 63.5#  |
| 39 36.8     | 22.9 34.3#  |



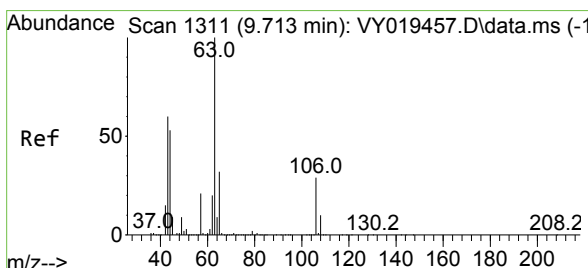
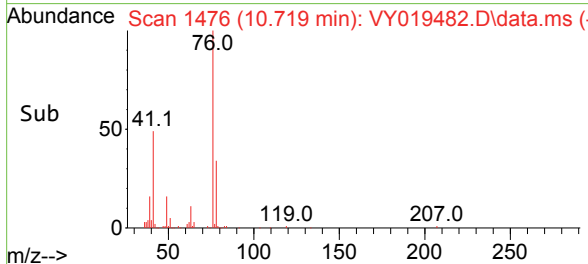
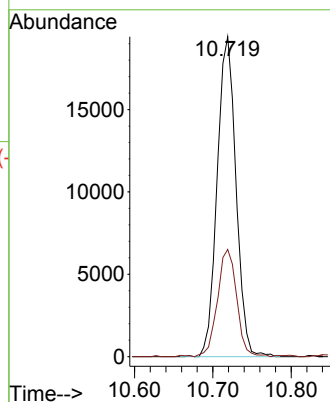
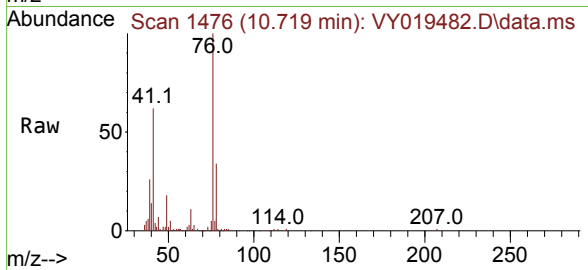




#57  
1,3-Dichloropropane  
Concen: 4.726 ug/l  
RT: 10.719 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

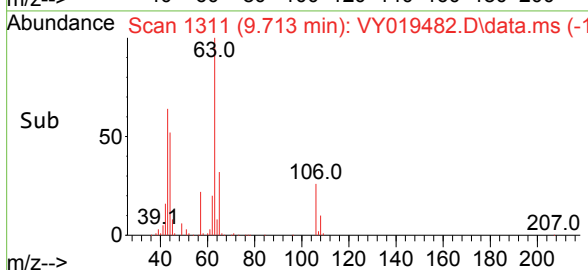
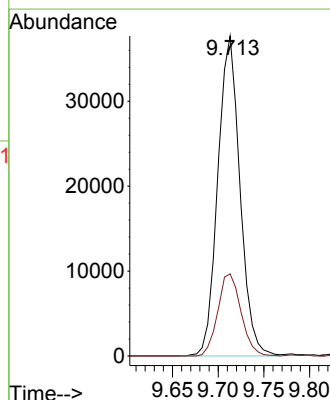
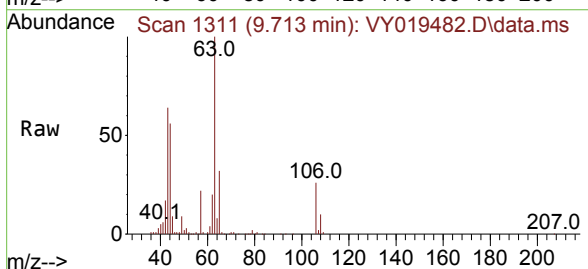
Instrument :  
MSVOA\_Y  
ClientSampleId :

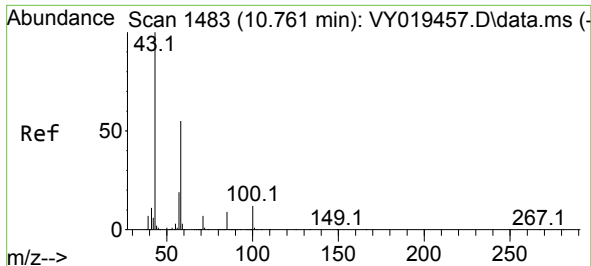
Tgt Ion: 76 Resp: 32479  
Ion Ratio Lower Upper  
76 100  
78 34.2 26.2 39.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 22.562 ug/l  
RT: 9.713 min Scan# 1311  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Tgt Ion: 63 Resp: 63596  
Ion Ratio Lower Upper  
63 100  
106 26.9 23.7 35.5





#59

2-Hexanone

Concen: 22.081 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

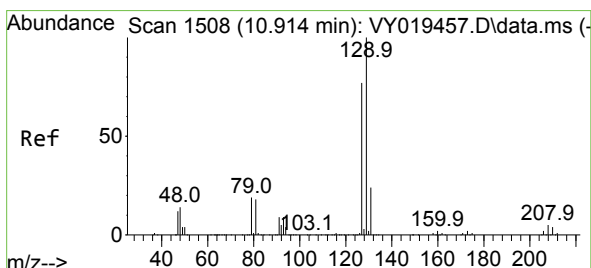
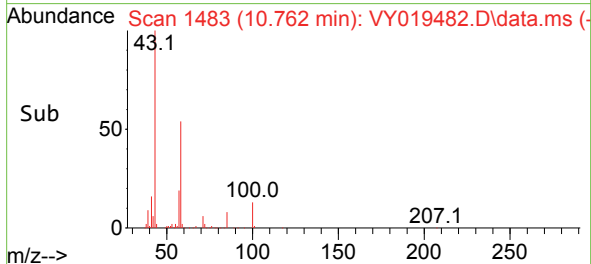
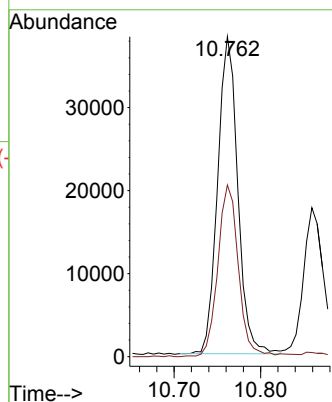
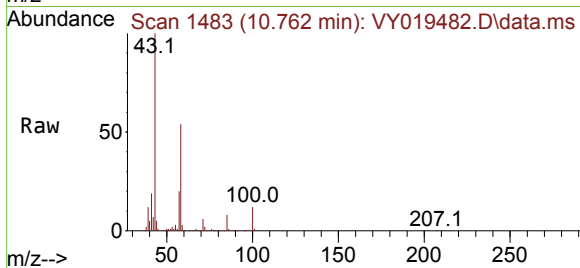
ClientSampleId :

Tgt Ion: 43 Resp: 61637

Ion Ratio Lower Upper

43 100

58 56.1 31.4 94.0



#60

Dibromochloromethane

Concen: 4.977 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY019482.D

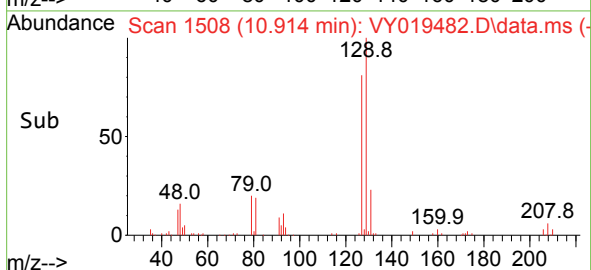
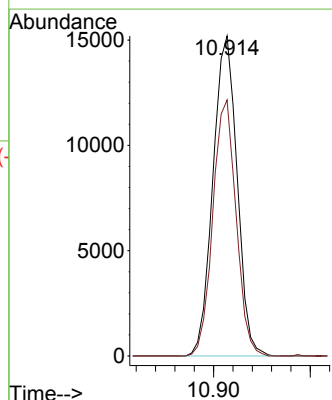
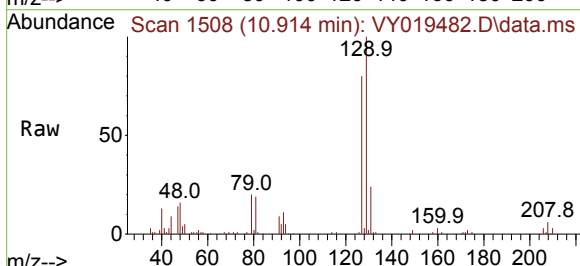
Acq: 10 Sep 2024 11:55

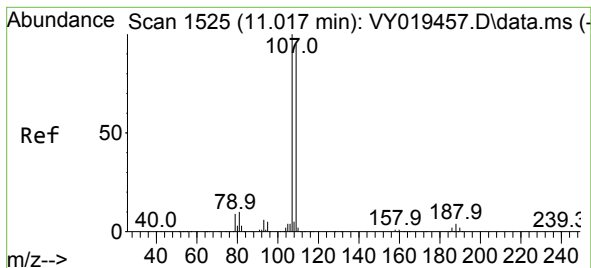
Tgt Ion:129 Resp: 26322

Ion Ratio Lower Upper

129 100

127 77.1 39.0 117.0

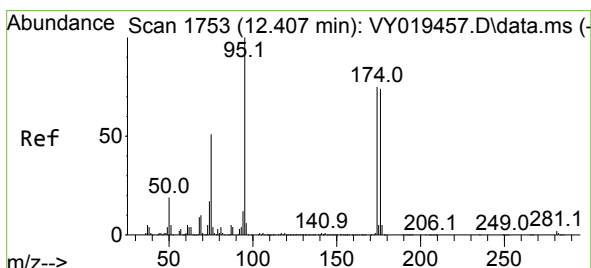
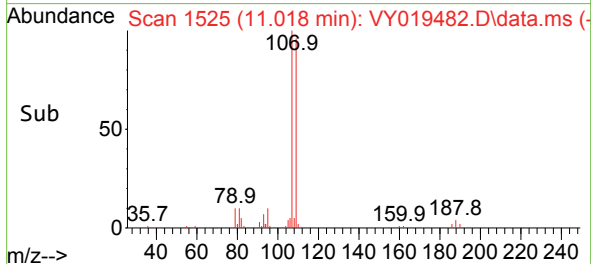
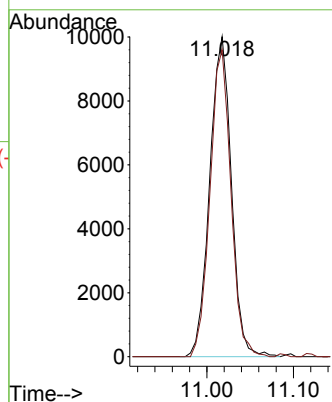
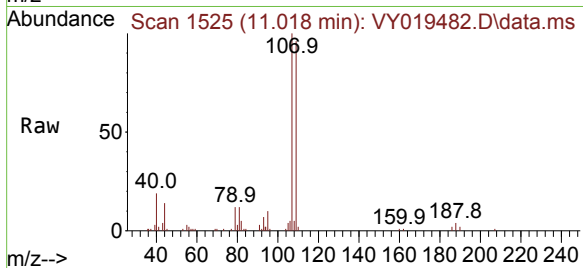




#61  
1,2-Dibromoethane  
Concen: 4.662 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

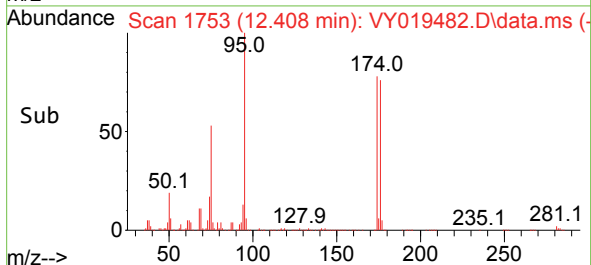
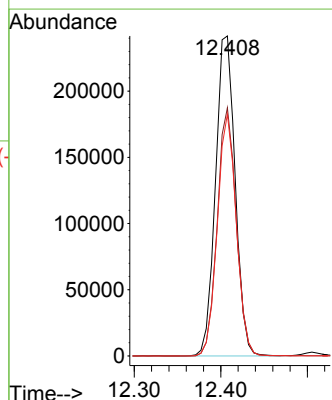
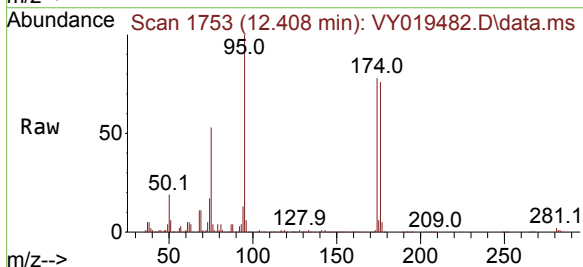
Instrument :  
MSVOA\_Y  
ClientSampleId :

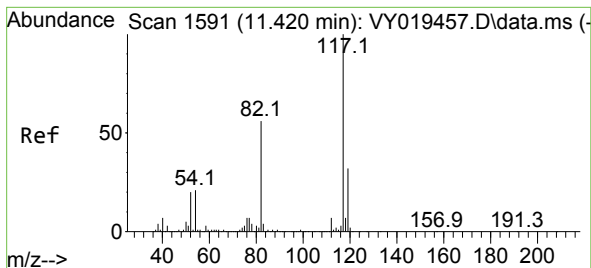
Tgt Ion:107 Resp: 17365  
Ion Ratio Lower Upper  
107 100  
109 92.5 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 51.847 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Tgt Ion: 95 Resp: 380995  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 175.6  
176 72.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

ClientSampleId :

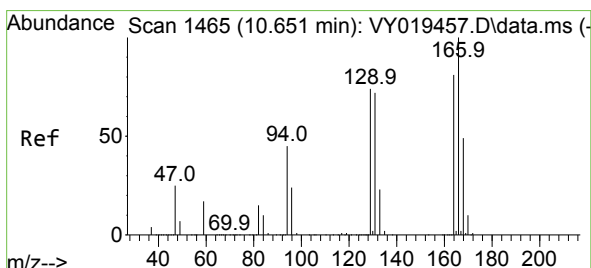
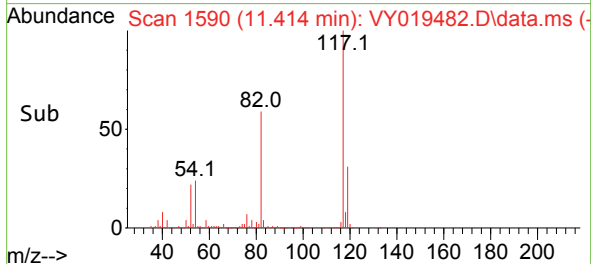
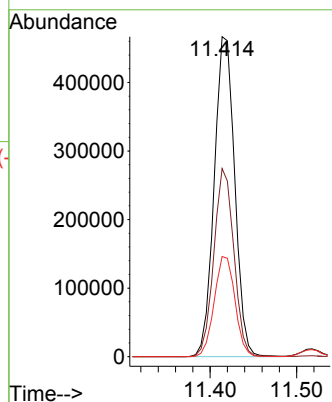
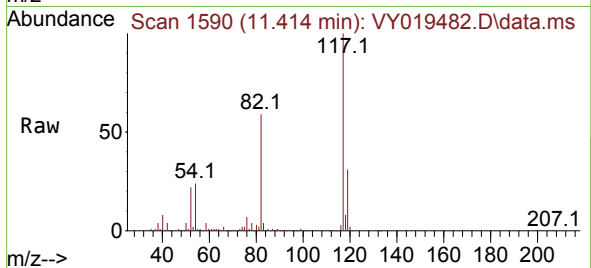
Tgt Ion:117 Resp: 768432

Ion Ratio Lower Upper

117 100

82 58.8 42.4 63.6

119 31.3 25.9 38.9



#64

Tetrachloroethene

Concen: 4.449 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Tgt Ion:164 Resp: 21170

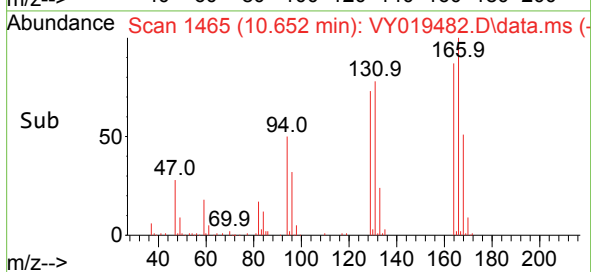
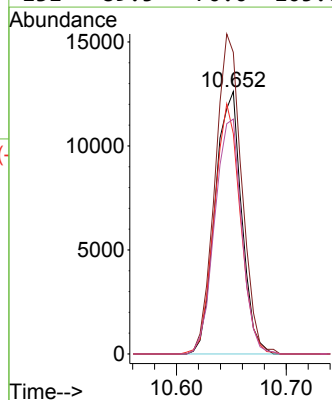
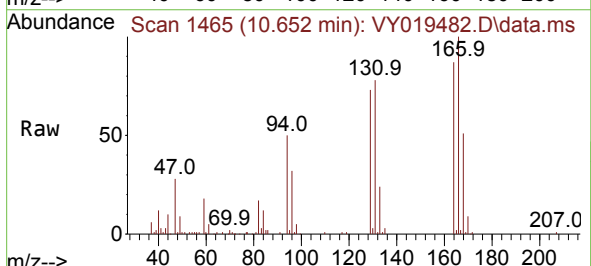
Ion Ratio Lower Upper

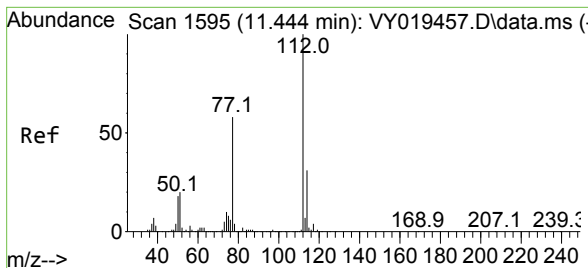
164 100

166 114.9 102.6 154.0

129 84.0 72.0 108.0

131 89.5 70.0 105.0

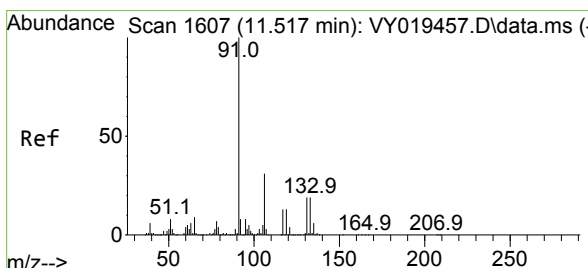
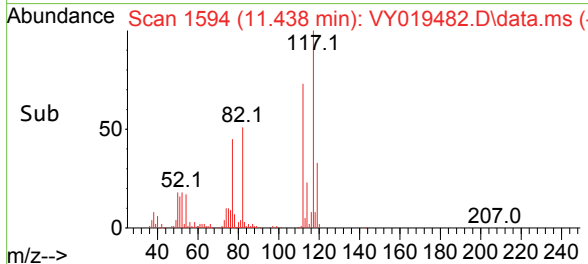
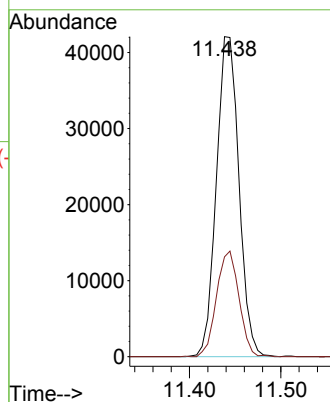
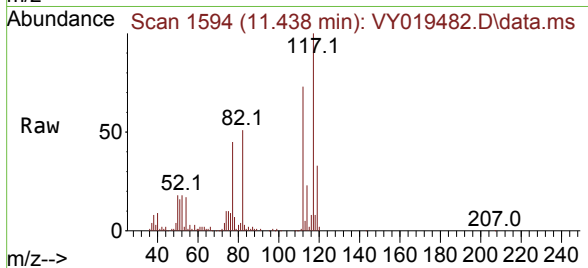




#65  
Chlorobenzene  
Concen: 4.776 ug/l  
RT: 11.438 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

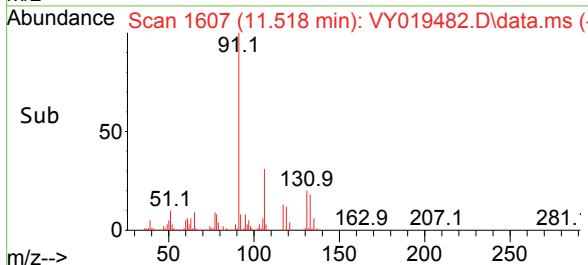
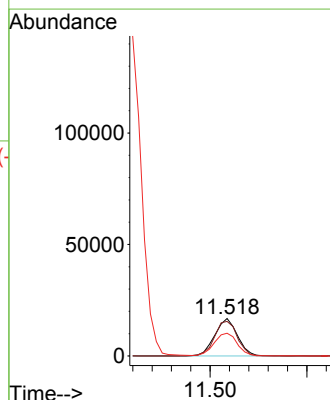
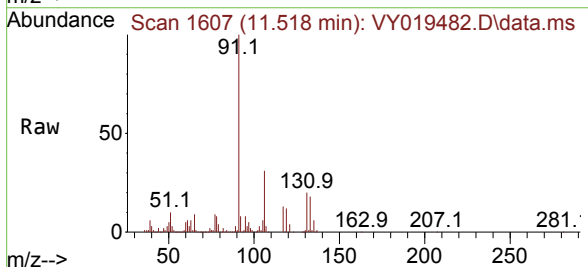
Instrument :  
MSVOA\_Y  
ClientSampleId :

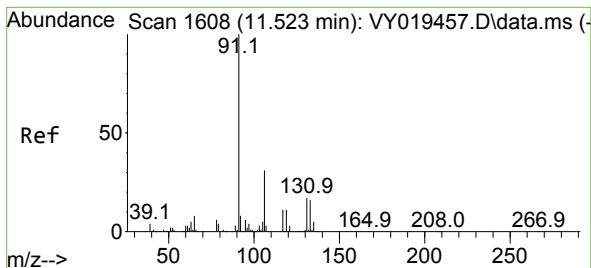
Tgt Ion:112 Resp: 72190  
Ion Ratio Lower Upper  
112 100  
114 31.2 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.213 ug/l  
RT: 11.518 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Tgt Ion:131 Resp: 27282  
Ion Ratio Lower Upper  
131 100  
133 94.0 47.8 143.3  
119 62.3 34.1 102.2





#67

Ethyl Benzene

Concen: 4.801 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

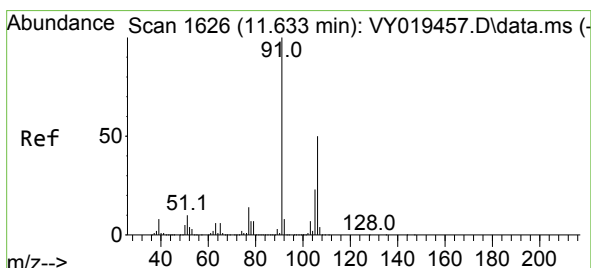
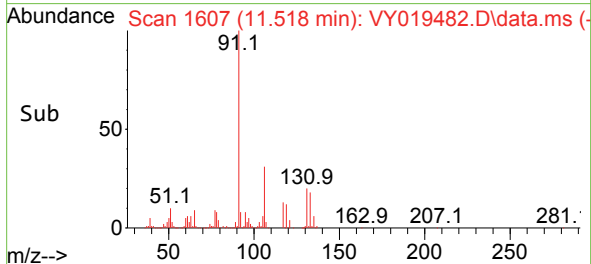
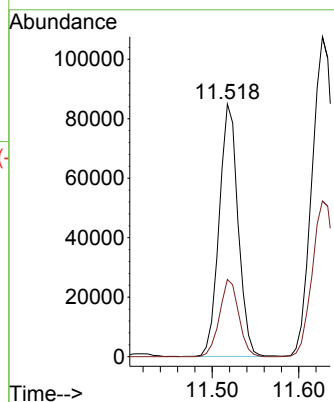
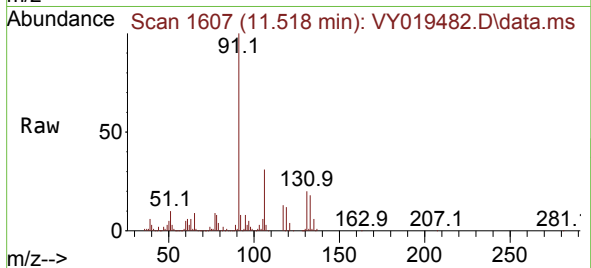
ClientSampleId :

Tgt Ion: 91 Resp: 128947

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 9.472 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019482.D

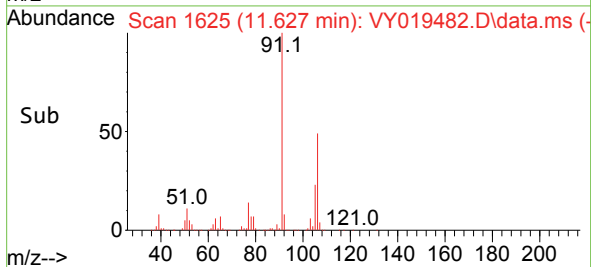
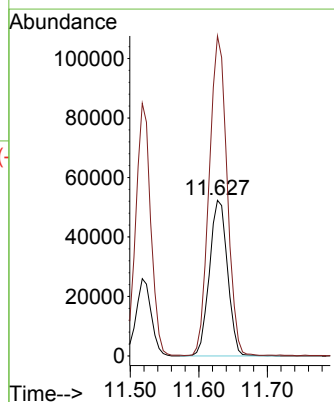
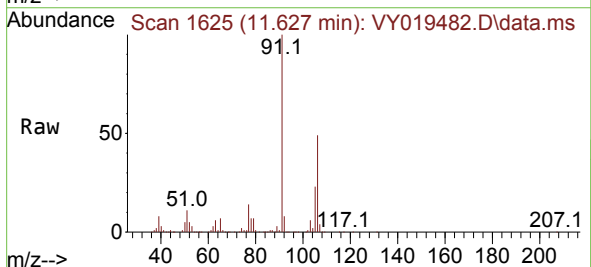
Acq: 10 Sep 2024 11:55

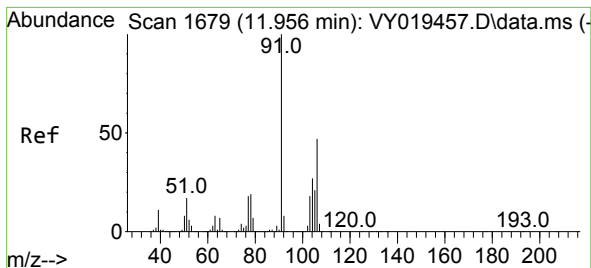
Tgt Ion:106 Resp: 96191

Ion Ratio Lower Upper

106 100

91 202.4 156.0 234.0





#69

o-Xylene

Concen: 4.886 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

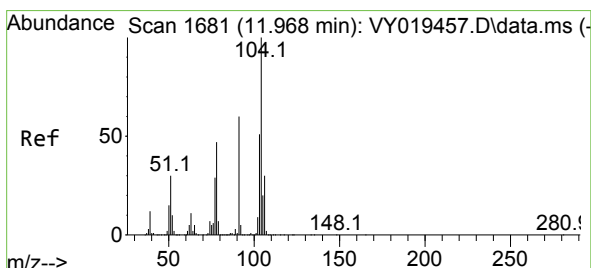
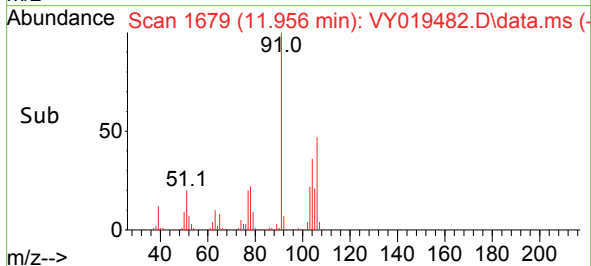
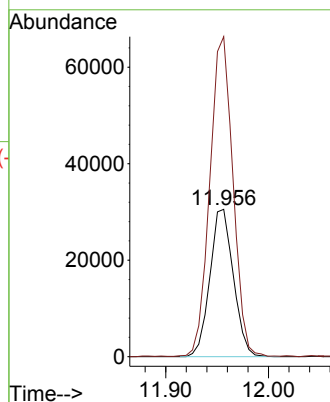
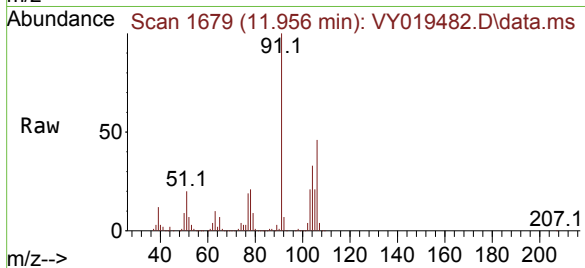
ClientSampleId :

Tgt Ion:106 Resp: 48530

Ion Ratio Lower Upper

106 100

91 213.8 103.6 310.8



#70

Styrene

Concen: 4.838 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

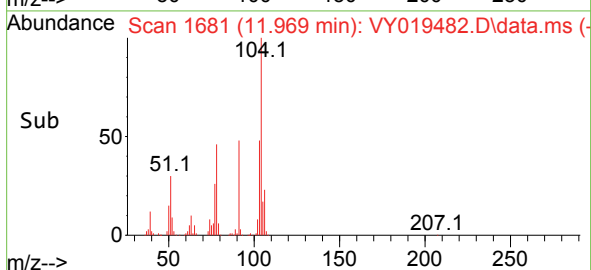
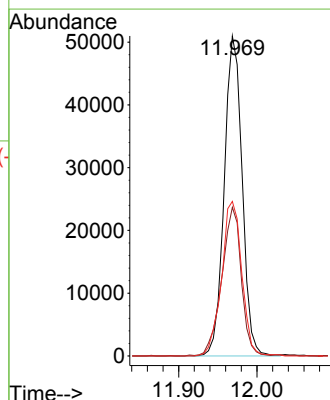
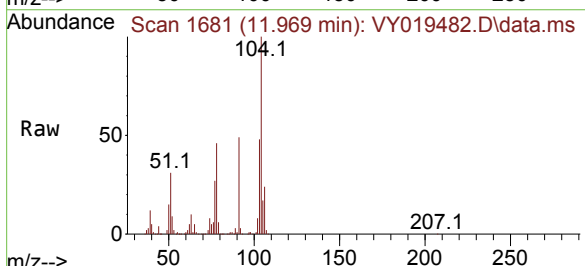
Tgt Ion:104 Resp: 81130

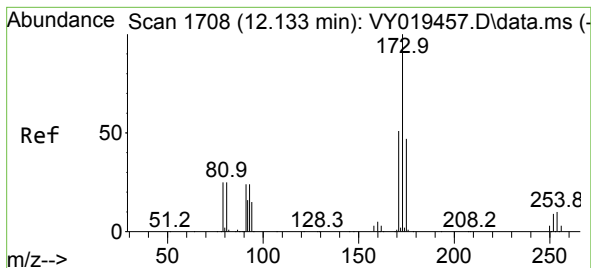
Ion Ratio Lower Upper

104 100

78 50.7 37.0 55.4

103 54.5 44.2 66.2





#71

Bromoform

Concen: 4.544 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019482.D

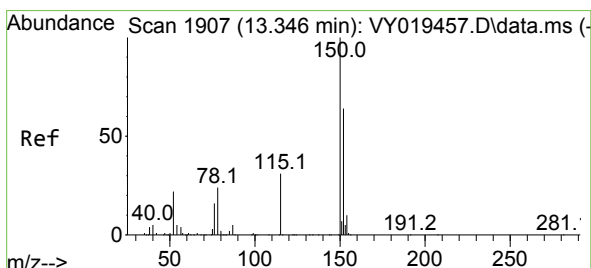
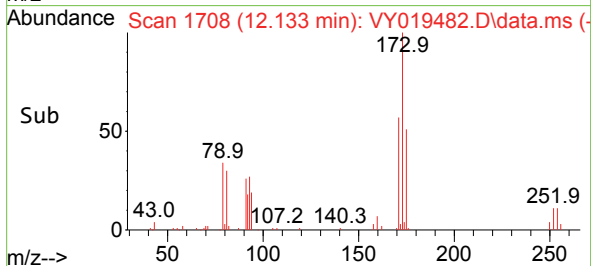
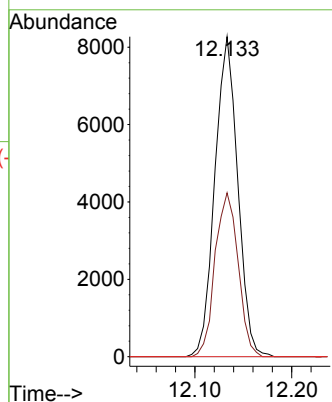
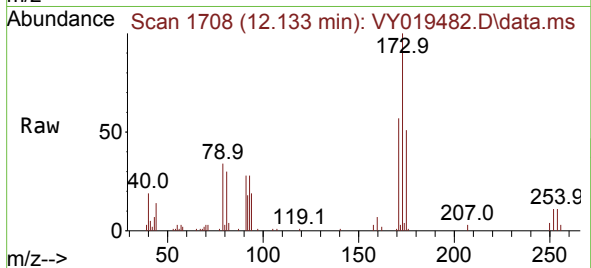
Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 13584     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 51.6  | 25.1 75.3 |
| 254         | 0.0   | 0.0 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

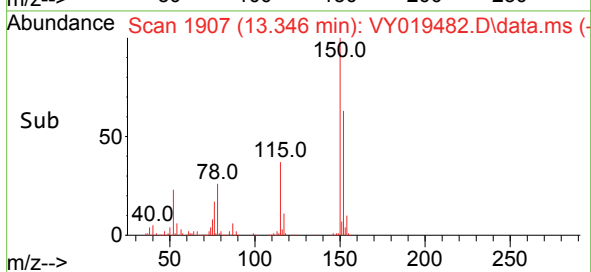
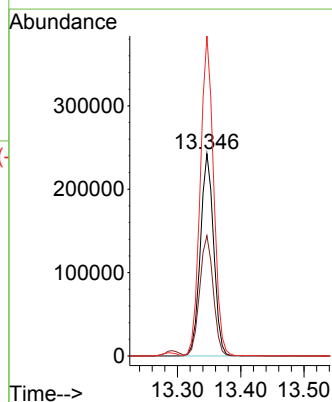
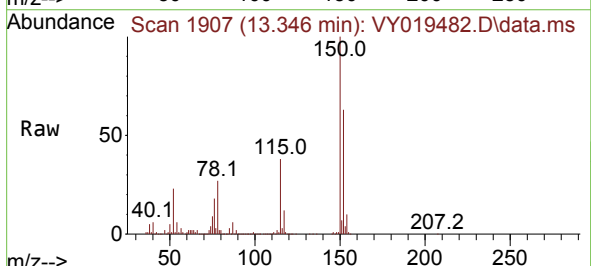
RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

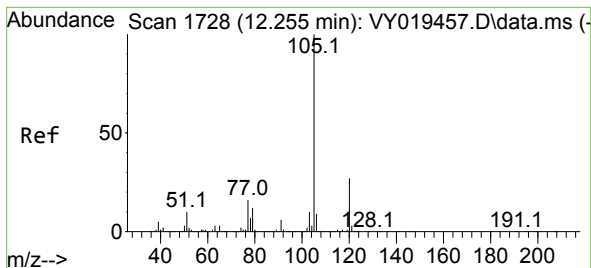
Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 354870    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 60.6  | 28.2 84.7 |
| 150         | 158.8 | 0.0 345.6 |







#73

Isopropylbenzene

Concen: 4.975 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

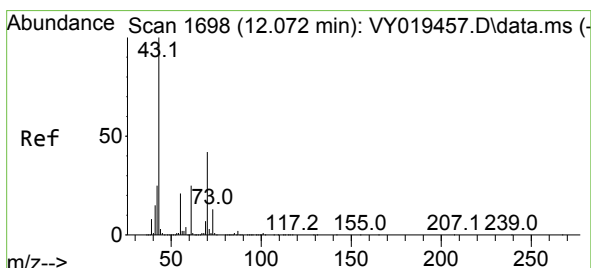
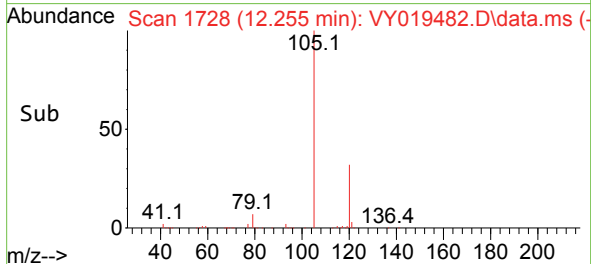
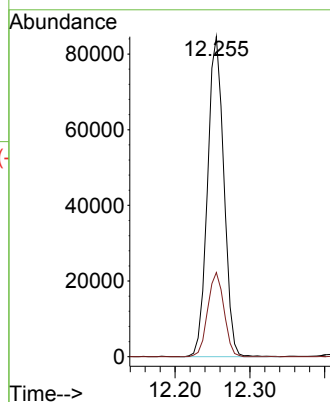
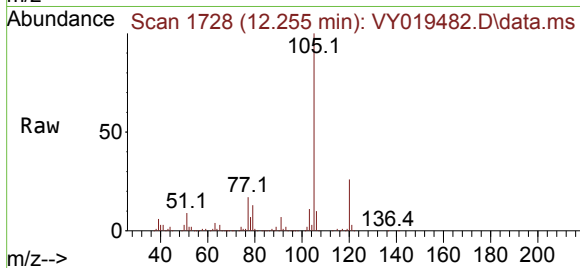
ClientSampleId :

Tgt Ion:105 Resp: 128079

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 4.713 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Tgt Ion: 43 Resp: 32998

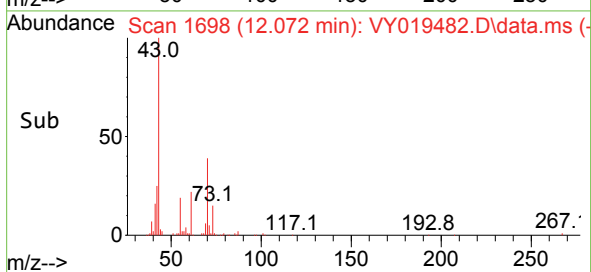
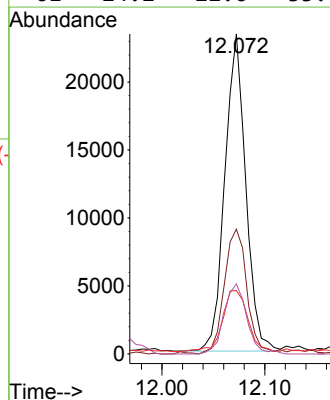
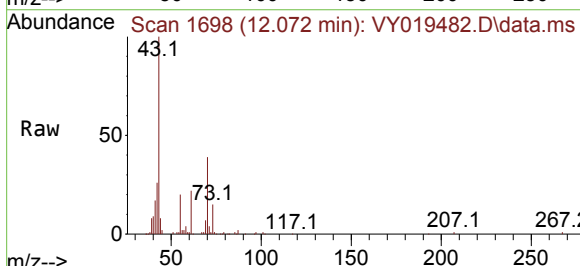
Ion Ratio Lower Upper

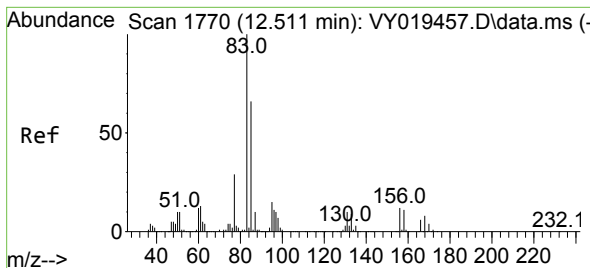
43 100

70 42.9 41.4 62.2

55 23.2 23.3 34.9#

61 24.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.180 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

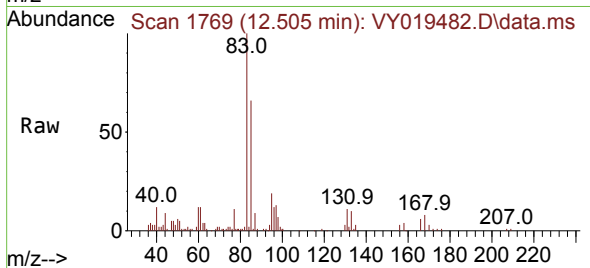
Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

ClientSampleId :



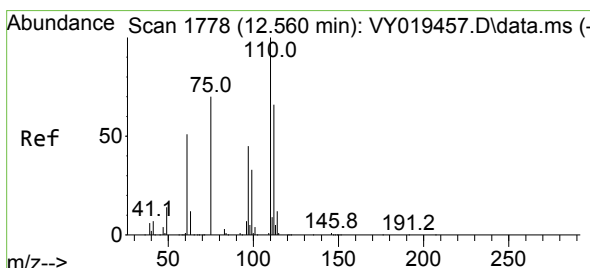
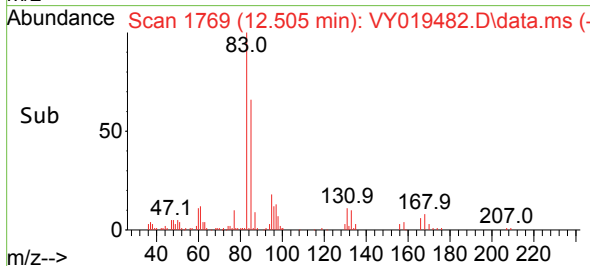
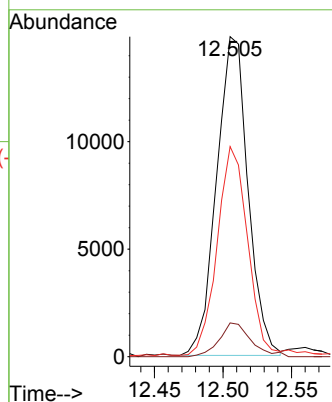
Tgt Ion: 83 Resp: 23670

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 64.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 9.017 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019482.D

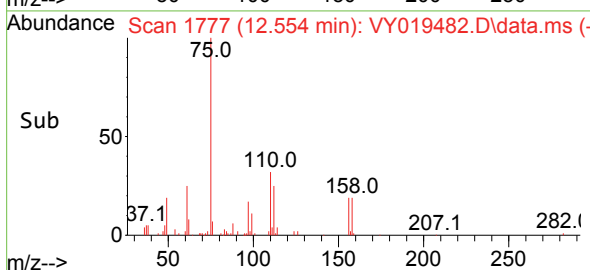
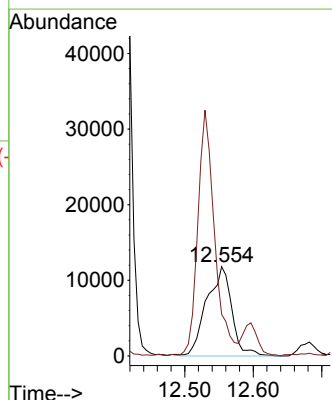
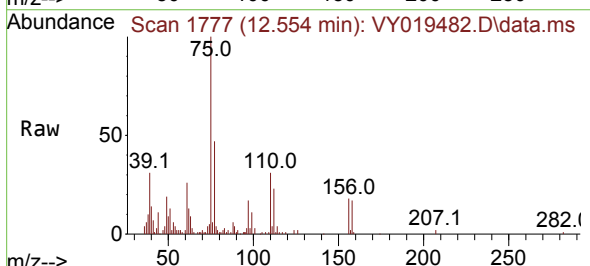
Acq: 10 Sep 2024 11:55

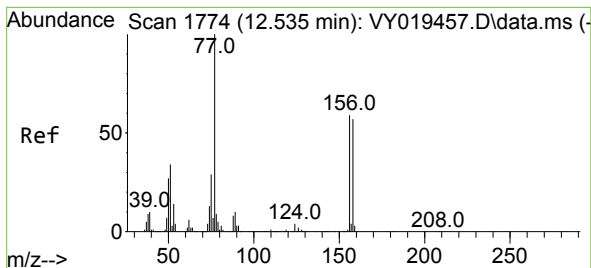
Tgt Ion: 75 Resp: 29991

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.818 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

ClientSampleId :

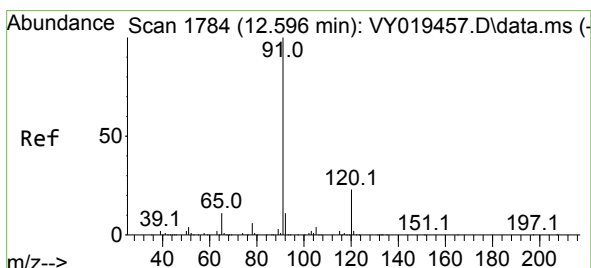
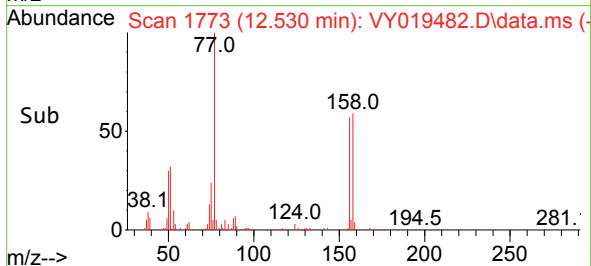
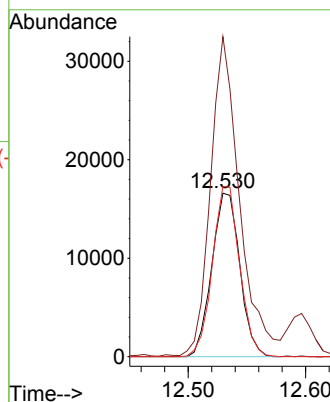
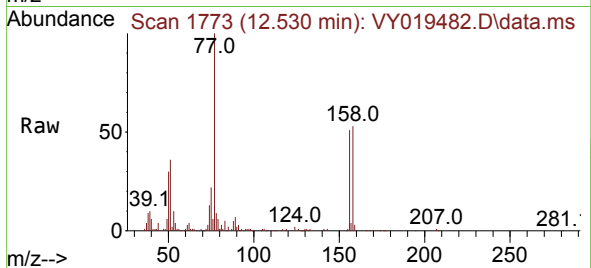
Tgt Ion:156 Resp: 27510

Ion Ratio Lower Upper

156 100

77 203.3 87.1 261.3

158 101.0 48.6 145.9



#78

n-propylbenzene

Concen: 5.078 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019482.D

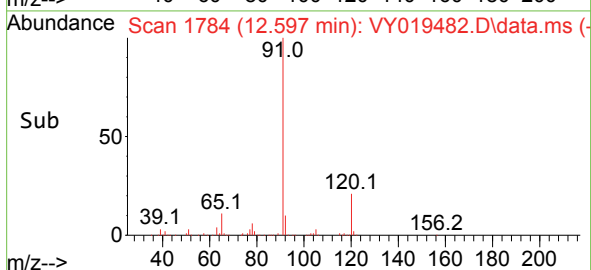
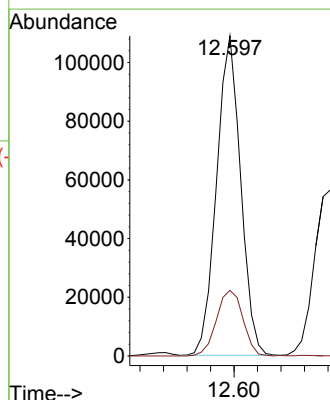
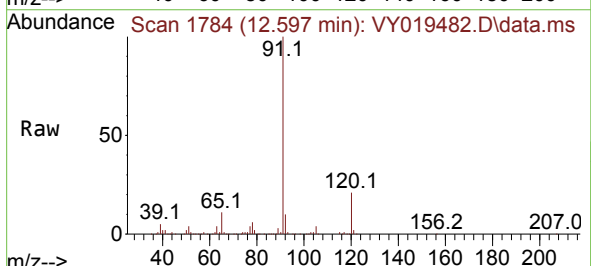
Acq: 10 Sep 2024 11:55

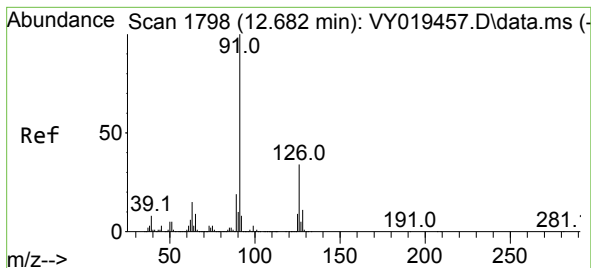
Tgt Ion: 91 Resp: 154964

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.028 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

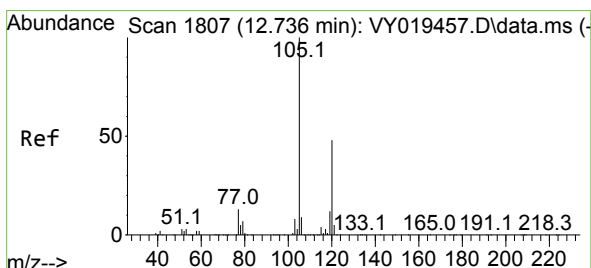
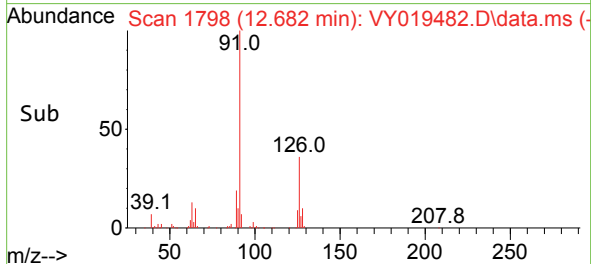
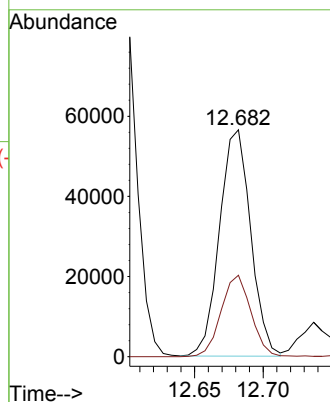
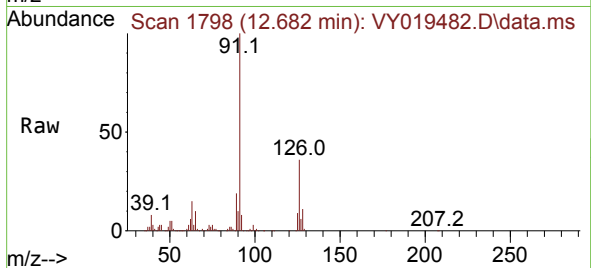
ClientSampleId :

Tgt Ion: 91 Resp: 89420

Ion Ratio Lower Upper

91 100

126 34.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 5.057 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019482.D

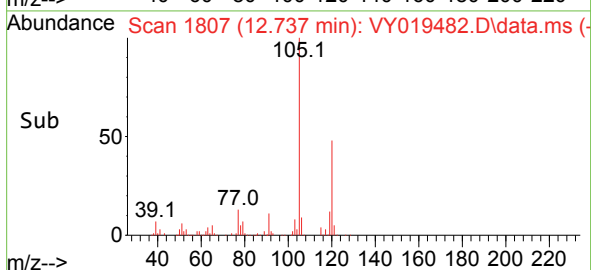
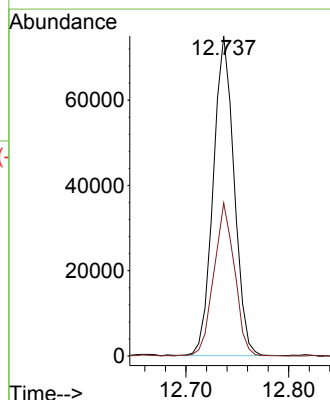
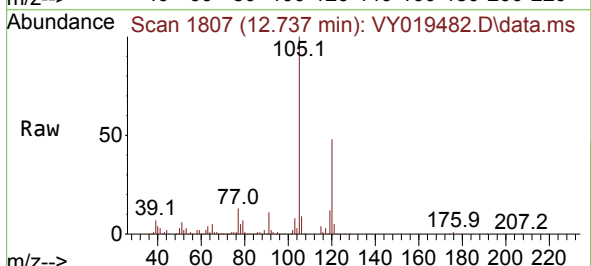
Acq: 10 Sep 2024 11:55

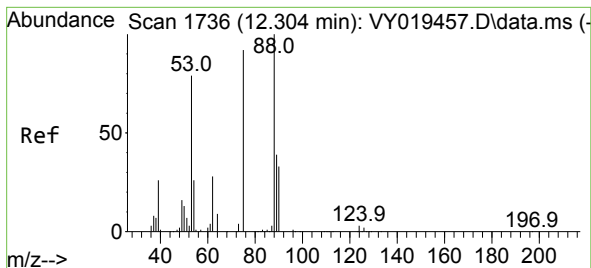
Tgt Ion: 105 Resp: 105830

Ion Ratio Lower Upper

105 100

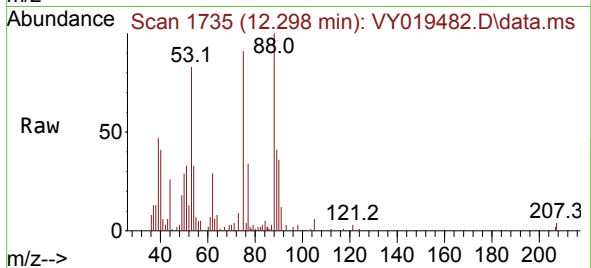
120 47.5 25.1 75.2



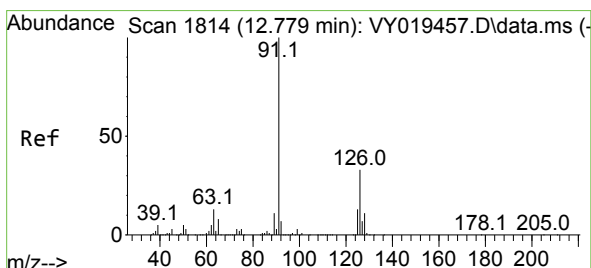
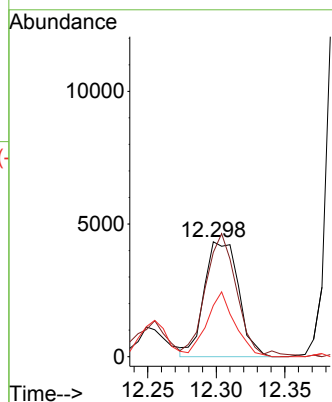
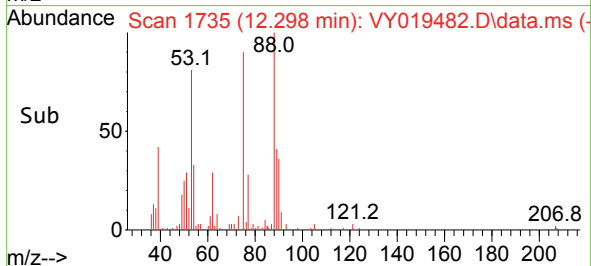


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 4.351 ug/l  
 RT: 12.298 min Scan# 1735  
 Delta R.T. -0.006 min  
 Lab File: VY019482.D  
 Acq: 10 Sep 2024 11:55

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

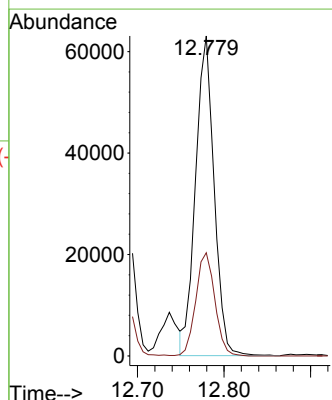
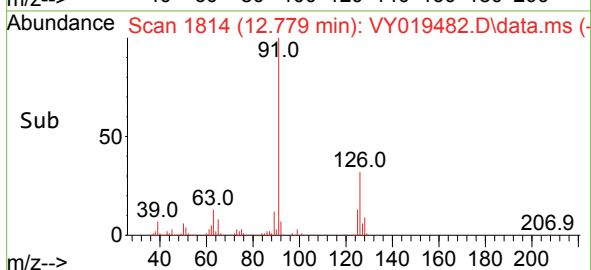
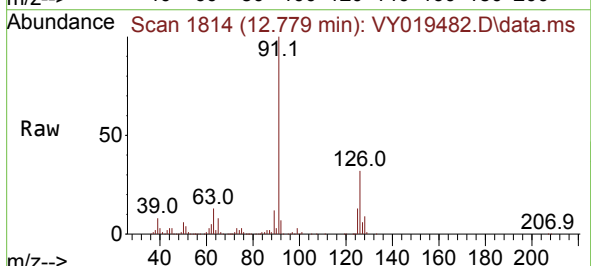


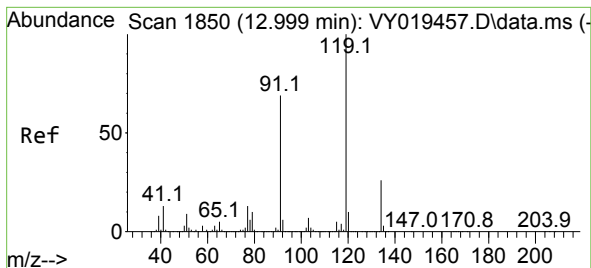
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 7539  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 98.1  | 66.8  | 100.2 |
| 89       | 45.8  | 35.8  | 53.6  |



#82  
 4-Chlorotoluene  
 Concen: 5.121 ug/l  
 RT: 12.779 min Scan# 1814  
 Delta R.T. 0.000 min  
 Lab File: VY019482.D  
 Acq: 10 Sep 2024 11:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 93622 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 126      | 33.3  | 17.6  | 52.9  |





#83

tert-Butylbenzene

Concen: 5.219 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019482.D

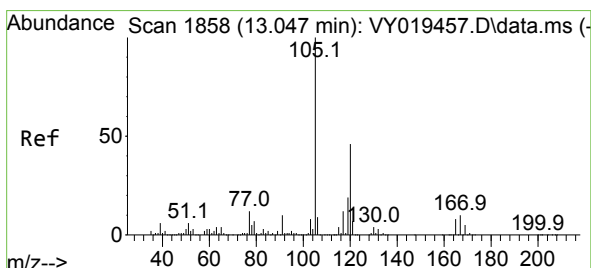
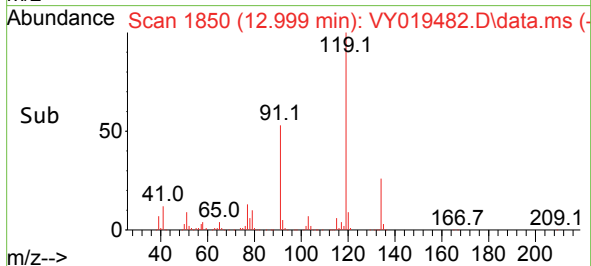
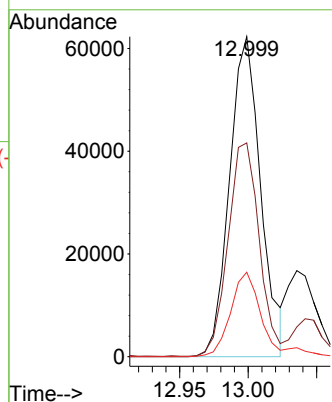
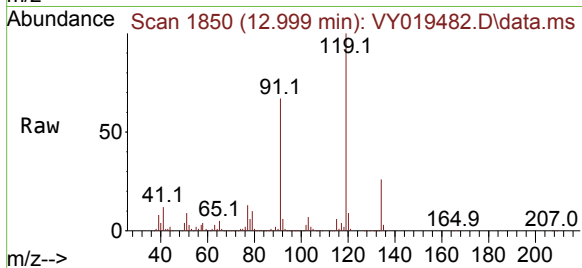
Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 98884 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 66.4  | 31.3  | 93.8  |
| 134       | 26.8  | 13.4  | 40.1  |



#84

1,2,4-Trimethylbenzene

Concen: 5.079 ug/l

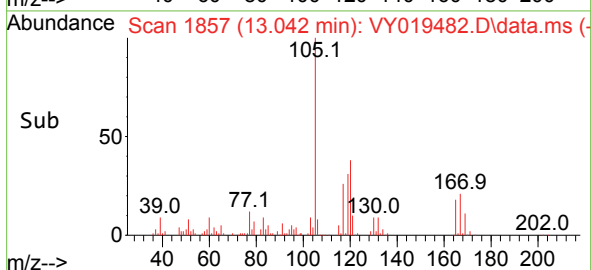
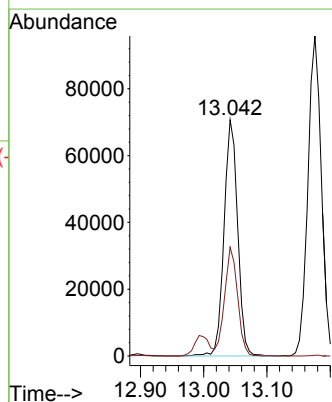
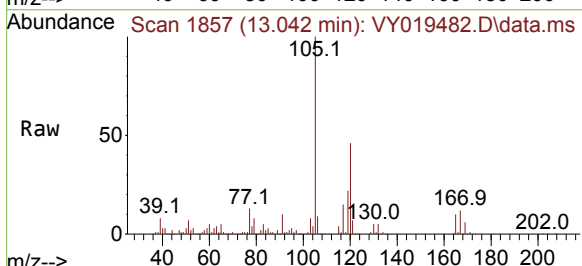
RT: 13.042 min Scan# 1857

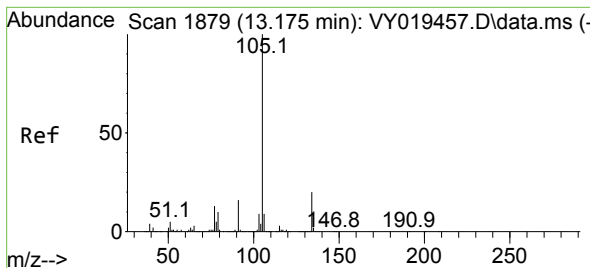
Delta R.T. -0.006 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 105213 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 43.8  | 23.2  | 69.6   |





#85

sec-Butylbenzene

Concen: 5.120 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

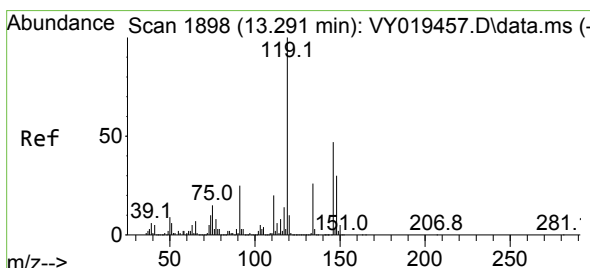
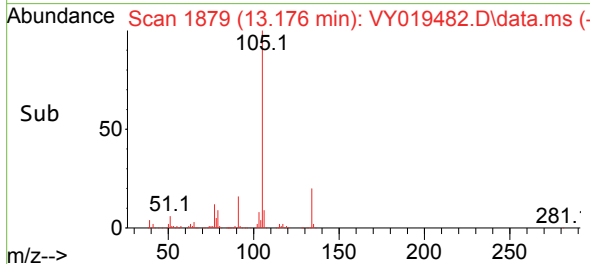
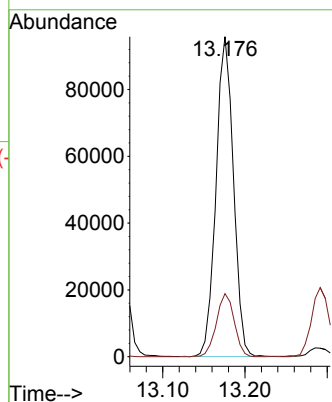
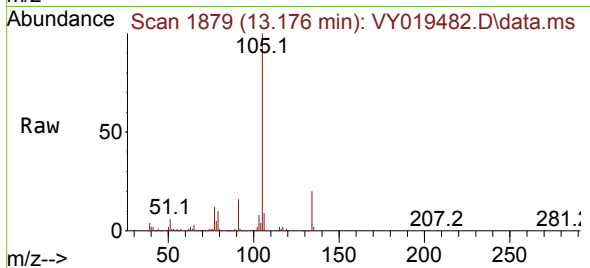
ClientSampleId :

Tgt Ion:105 Resp: 140939

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 5.031 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

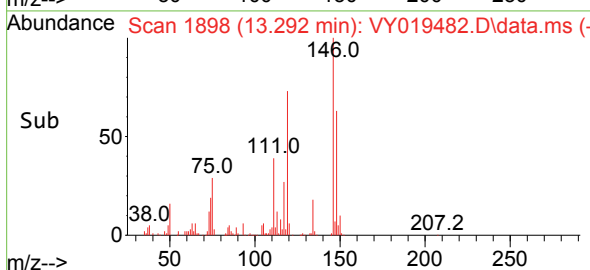
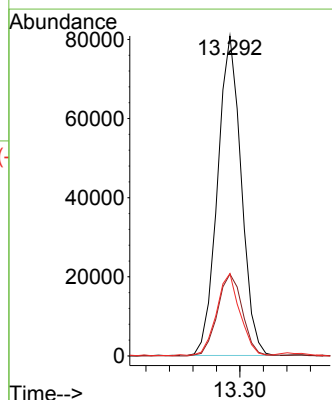
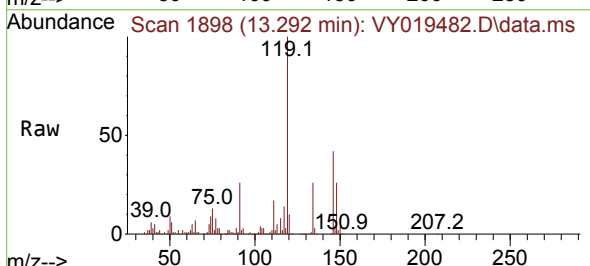
Tgt Ion:119 Resp: 113298

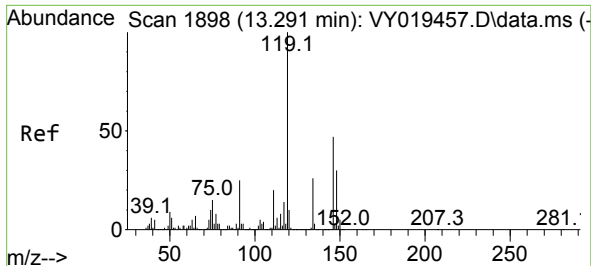
Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

91 25.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 5.081 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

ClientSampleId :

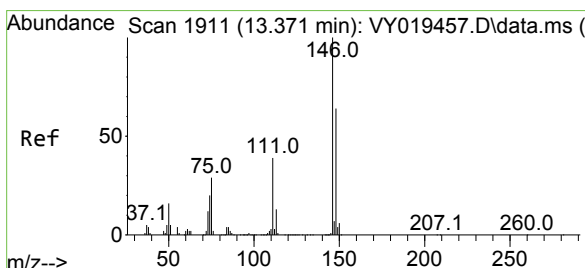
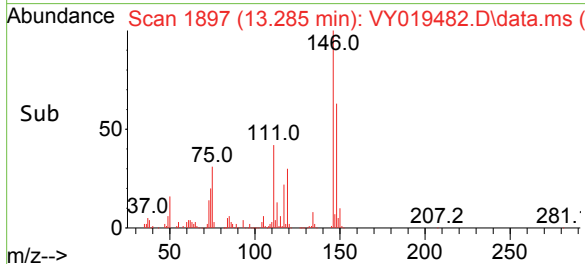
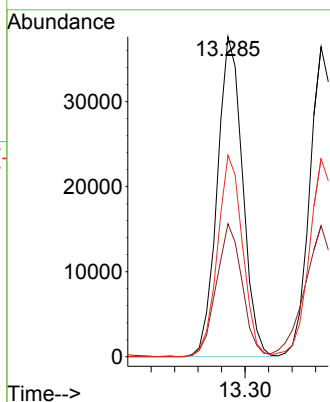
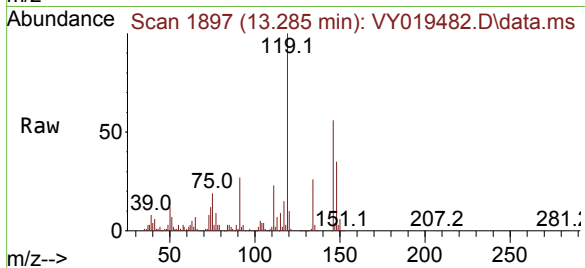
Tgt Ion:146 Resp: 56368

Ion Ratio Lower Upper

146 100

111 42.3 19.0 57.0

148 62.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 5.077 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

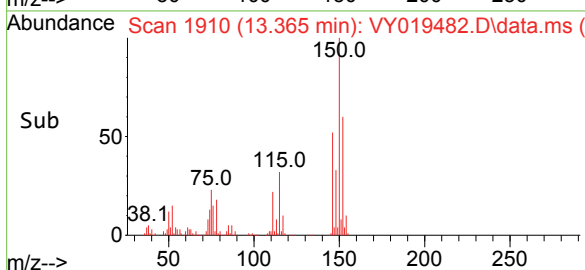
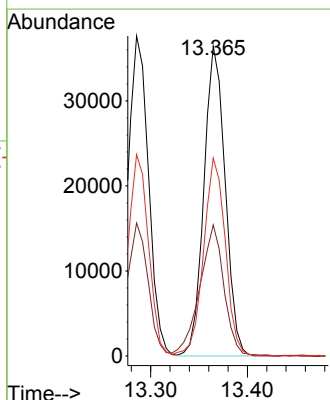
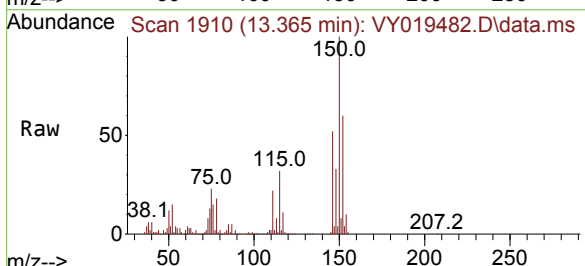
Tgt Ion:146 Resp: 55905

Ion Ratio Lower Upper

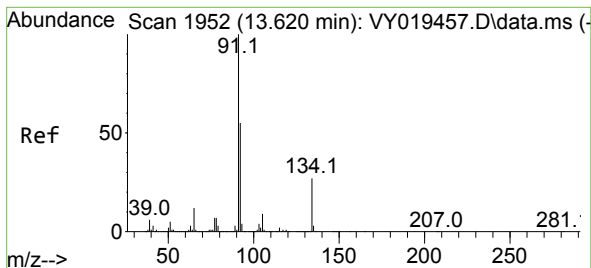
146 100

111 47.9 18.4 55.4

148 65.4 32.4 97.2







#89

n-Butylbenzene

Concen: 4.975 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

ClientSampleId :

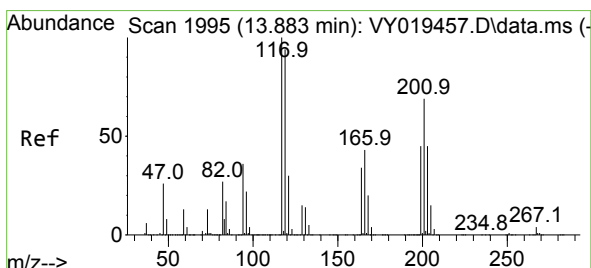
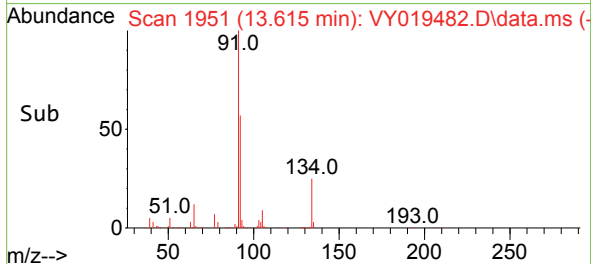
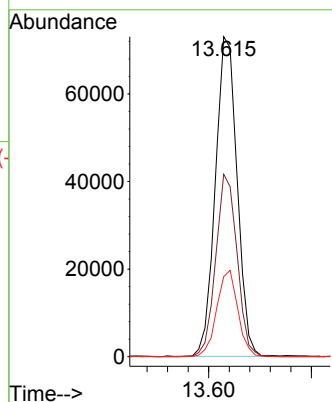
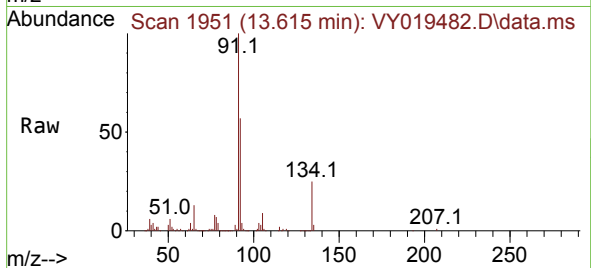
Tgt Ion: 91 Resp: 107110

Ion Ratio Lower Upper

91 100

92 55.9 26.6 79.7

134 26.3 12.9 38.7



#90

Hexachloroethane

Concen: 4.997 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019482.D

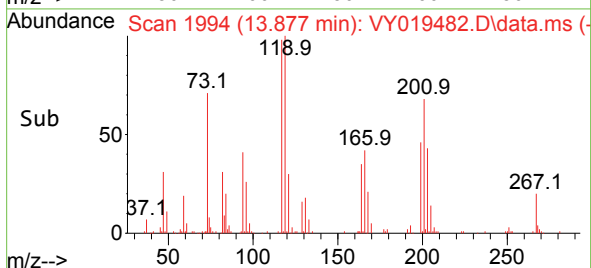
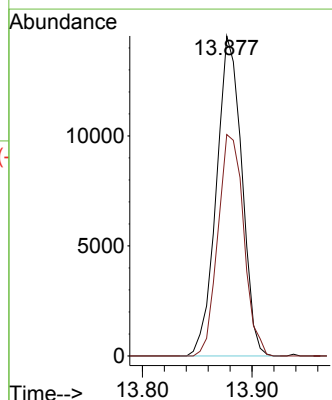
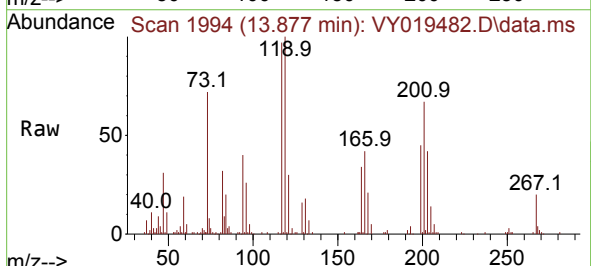
Acq: 10 Sep 2024 11:55

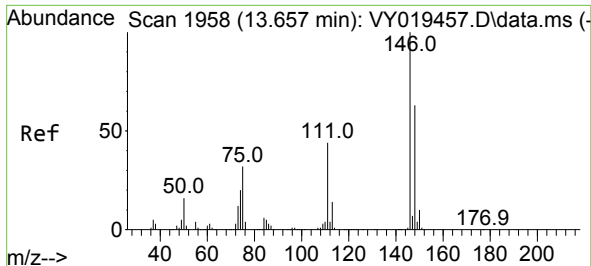
Tgt Ion: 117 Resp: 23417

Ion Ratio Lower Upper

117 100

201 70.3 37.4 112.2

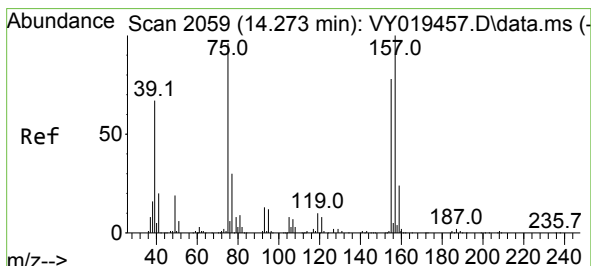
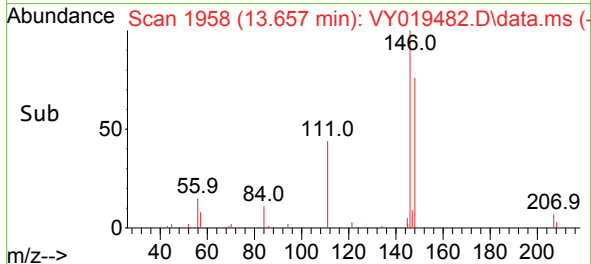
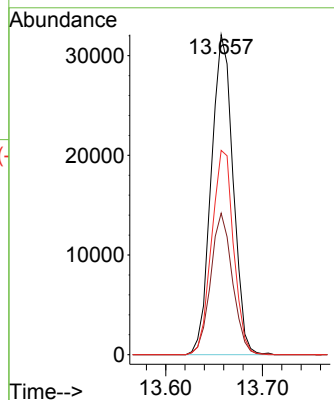
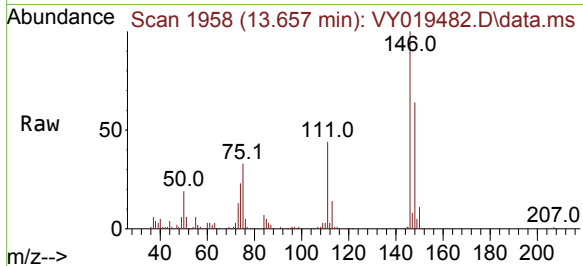




#91  
1,2-Dichlorobenzene  
Concen: 5.091 ug/l  
RT: 13.657 min Scan# 1958  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

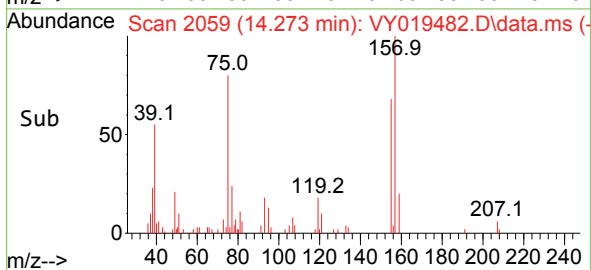
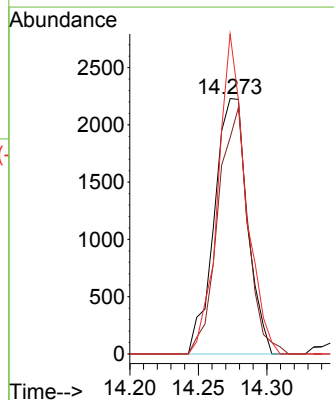
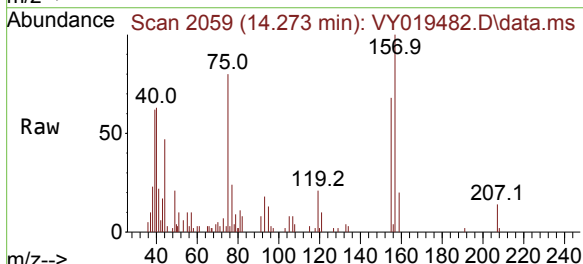
Instrument :  
MSVOA\_Y  
ClientSampleId :

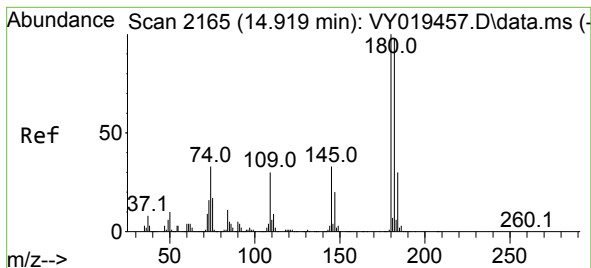
Tgt Ion:146 Resp: 50407  
Ion Ratio Lower Upper  
146 100  
111 44.1 19.9 59.7  
148 64.1 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 4.914 ug/l  
RT: 14.273 min Scan# 2059  
Delta R.T. 0.000 min  
Lab File: VY019482.D  
Acq: 10 Sep 2024 11:55

Tgt Ion: 75 Resp: 3742  
Ion Ratio Lower Upper  
75 100  
155 87.9 48.6 145.8  
157 104.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 4.817 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

ClientSampleId :

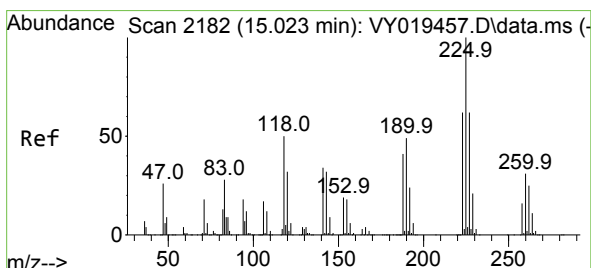
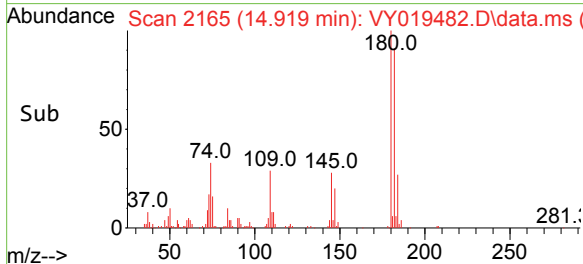
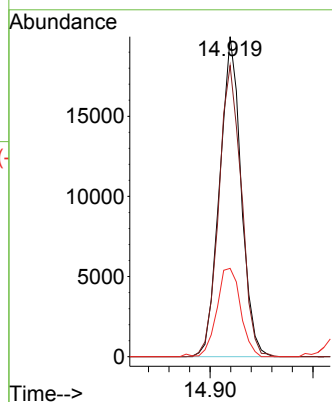
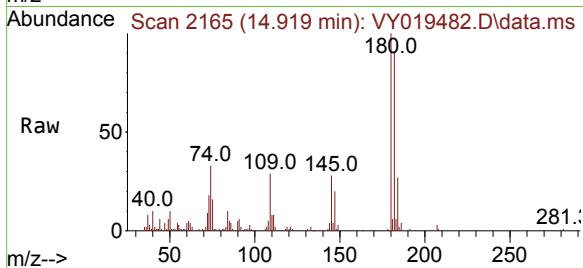
Tgt Ion:180 Resp: 29006

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.8

145 30.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 5.018 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

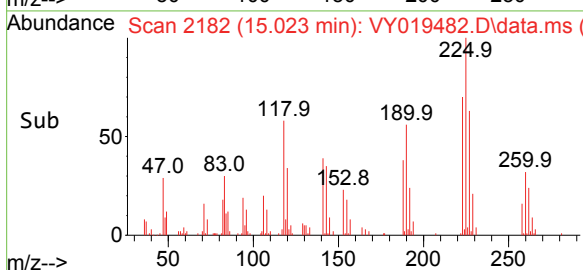
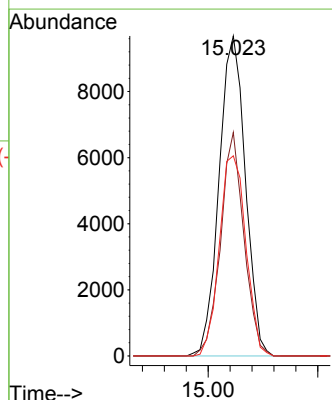
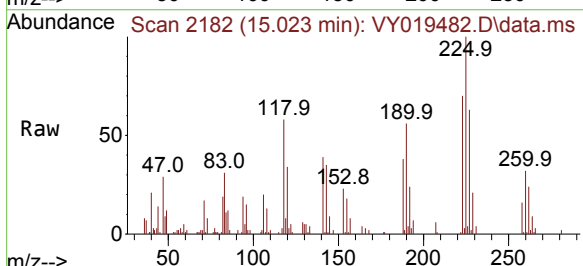
Tgt Ion:225 Resp: 16142

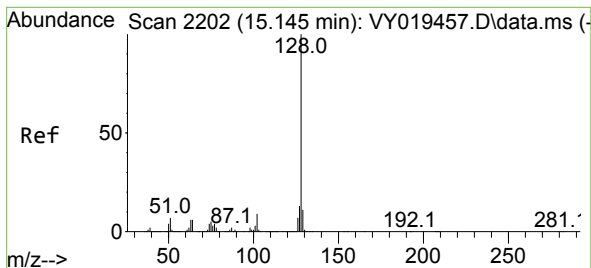
Ion Ratio Lower Upper

225 100

223 62.0 30.4 91.2

227 63.1 31.9 95.9





#95

Naphthalene

Concen: 4.511 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

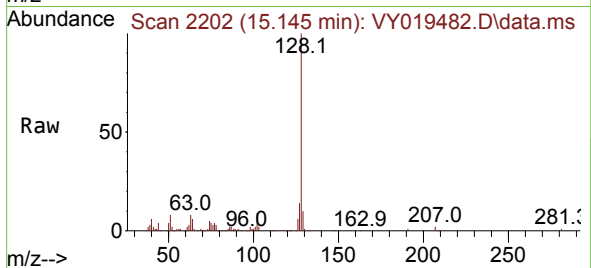
Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA\_Y

ClientSampleId :



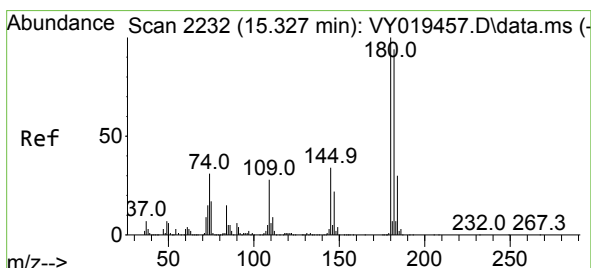
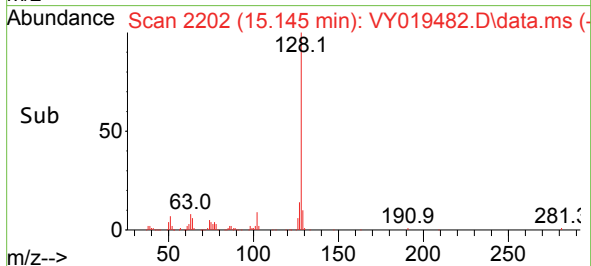
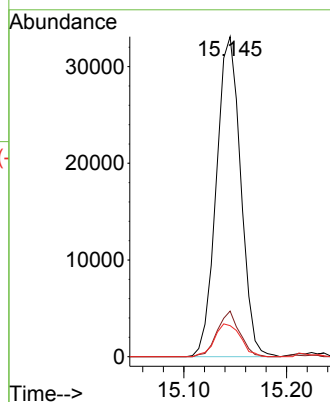
Tgt Ion:128 Resp: 54399

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.773 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Tgt Ion:180 Resp: 24586

Ion Ratio Lower Upper

180 100

182 95.9 47.6 142.9

145 35.3 15.4 46.1

