

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091124\  
 Data File : VY019502.D  
 Acq On : 11 Sep 2024 11:04  
 Operator : SY/MD  
 Sample : VY0911SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 12 01:31:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 09 16:00:30 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.707  | 168  | 483057   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 835804   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 712616   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.347 | 152  | 338611   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 252631   | 56.479   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 112.960% |      |
| 35) Dibromofluoromethane    | 7.634  | 113   | 255224   | 53.858   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 107.720% |      |
| 50) Toluene-d8              | 10.109 | 98    | 944793   | 53.902   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 107.800% |      |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 342740   | 50.854   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 29 - 146 | Recovery | = 101.700% |      |

|                              |       |     |         |         |        |      |
|------------------------------|-------|-----|---------|---------|--------|------|
| Target Compounds             |       |     |         |         | Qvalue |      |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 74089   | 26.104  | ug/l   | 98   |
| 3) Chloromethane             | 2.068 | 50  | 92143   | 23.055  | ug/l   | 97   |
| 4) Vinyl Chloride            | 2.202 | 62  | 99929   | 23.123  | ug/l   | 99   |
| 5) Bromomethane              | 2.592 | 94  | 70044   | 26.386  | ug/l   | 98   |
| 6) Chloroethane              | 2.733 | 64  | 66684   | 23.604  | ug/l   | 100  |
| 7) Trichlorofluoromethane    | 3.056 | 101 | 162199  | 22.515  | ug/l   | 97   |
| 8) Diethyl Ether             | 3.452 | 74  | 53782   | 22.241  | ug/l   | 89   |
| 9) 1,1,2-Trichlorotrifluo... | 3.812 | 101 | 97470   | 21.872  | ug/l   | 97   |
| 10) Methyl Iodide            | 4.001 | 142 | 118742  | 20.782  | ug/l   | 94   |
| 11) Tert butyl alcohol       | 4.872 | 59  | 39916   | 110.500 | ug/l   | # 79 |
| 12) 1,1-Dichloroethene       | 3.787 | 96  | 90462   | 21.107  | ug/l   | 87   |
| 13) Acrolein                 | 3.647 | 56  | 27985   | 155.508 | ug/l   | 96   |
| 14) Allyl chloride           | 4.379 | 41  | 162189  | 21.103  | ug/l   | # 92 |
| 15) Acrylonitrile            | 5.055 | 53  | 117511  | 112.702 | ug/l   | 99   |
| 16) Acetone                  | 3.873 | 43  | 123250  | 115.660 | ug/l   | # 85 |
| 17) Carbon Disulfide         | 4.104 | 76  | 227435  | 19.641  | ug/l   | 97   |
| 18) Methyl Acetate           | 4.385 | 43  | 56291   | 19.465  | ug/l   | 94   |
| 19) Methyl tert-butyl Ether  | 5.116 | 73  | 280239  | 23.087  | ug/l   | 98   |
| 20) Methylene Chloride       | 4.616 | 84  | 118035  | 24.288  | ug/l   | 90   |
| 21) trans-1,2-Dichloroethene | 5.110 | 96  | 99463   | 21.173  | ug/l   | 89   |
| 22) Diisopropyl ether        | 6.019 | 45  | 352341  | 22.325  | ug/l   | 97   |
| 23) Vinyl Acetate            | 5.958 | 43  | 1024439 | 113.638 | ug/l   | 94   |
| 24) 1,1-Dichloroethane       | 5.915 | 63  | 194297  | 21.939  | ug/l   | 98   |
| 25) 2-Butanone               | 6.890 | 43  | 172251  | 113.653 | ug/l   | # 85 |
| 26) 2,2-Dichloropropane      | 6.884 | 77  | 177643  | 22.237  | ug/l   | 98   |
| 27) cis-1,2-Dichloroethene   | 6.884 | 96  | 124976  | 21.902  | ug/l   | 89   |
| 28) Bromochloromethane       | 7.244 | 49  | 76387   | 20.499  | ug/l   | 86   |
| 29) Tetrahydrofuran          | 7.262 | 42  | 101368  | 110.003 | ug/l   | 87   |
| 30) Chloroform               | 7.421 | 83  | 206634  | 22.855  | ug/l   | 98   |
| 31) Cyclohexane              | 7.701 | 56  | 160537  | 20.054  | ug/l   | 96   |
| 32) 1,1,1-Trichloroethane    | 7.616 | 97  | 181342  | 22.378  | ug/l   | 98   |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 135844  | 21.067  | ug/l   | 96   |
| 37) Ethyl Acetate            | 6.982 | 43  | 74379   | 22.512  | ug/l   | # 95 |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 155071  | 21.326  | ug/l   | 95   |
| 39) Methylcyclohexane        | 9.110 | 83  | 174486  | 20.333  | ug/l   | 92   |
| 40) Benzene                  | 8.079 | 78  | 420553  | 21.175  | ug/l   | 99   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091124\  
 Data File : VY019502.D  
 Acq On : 11 Sep 2024 11:04  
 Operator : SY/MD  
 Sample : VY0911SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 12 01:31:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 09 16:00:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.220  | 41   | 44264    | 22.983  | ug/l # | 84       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 119590   | 22.377  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.195  | 43   | 150741   | 21.717  | ug/l # | 81       |
| 44) Trichloroethene           | 8.866  | 130  | 106306   | 20.812  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 103760   | 21.370  | ug/l   | 99       |
| 46) Dibromomethane            | 9.231  | 93   | 58913    | 22.188  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.420  | 83   | 157797   | 22.108  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.219  | 41   | 66796    | 20.378  | ug/l   | 87       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 13729    | 439.218 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.000 | 43   | 384035   | 109.973 | ug/l   | 91       |
| 52) Toluene                   | 10.170 | 92   | 275001   | 21.529  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 147767   | 21.718  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.853  | 75   | 169075   | 21.341  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 79809    | 21.766  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.439 | 69   | 121209   | 21.761  | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 138051   | 21.903  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 282737   | 109.367 | ug/l   | 97       |
| 59) 2-Hexanone                | 10.762 | 43   | 284128   | 110.981 | ug/l   | 89       |
| 60) Dibromochloromethane      | 10.914 | 129  | 107713   | 22.207  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 74284    | 21.743  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.646 | 164  | 90981    | 20.617  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.444 | 112  | 301561   | 21.513  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131  | 107814   | 22.214  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.518 | 91   | 536813   | 21.553  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.627 | 106  | 409770   | 43.510  | ug/l   | 94       |
| 69) o-Xylene                  | 11.957 | 106  | 197504   | 21.444  | ug/l   | 95       |
| 70) Styrene                   | 11.969 | 104  | 336349   | 21.629  | ug/l   | 96       |
| 71) Bromoform                 | 12.133 | 173  | 60589    | 21.857  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.255 | 105  | 525906   | 21.409  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.072 | 43   | 146506   | 21.929  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 95606    | 21.927  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 123752   | 38.992  | ug/l # | 100      |
| 77) Bromobenzene              | 12.536 | 156  | 117334   | 21.536  | ug/l   | 90       |
| 78) n-propylbenzene           | 12.597 | 91   | 626990   | 21.534  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 362871   | 21.385  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 435260   | 21.795  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 34121    | 20.639  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 12.780 | 91   | 376098   | 21.559  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 390857   | 21.619  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 430652   | 21.785  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 570378   | 21.717  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 467412   | 21.752  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.286 | 146  | 232301   | 21.943  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 228373   | 21.737  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.615 | 91   | 444781   | 21.652  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.877 | 117  | 96637    | 21.614  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 203996   | 21.594  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 15565    | 21.419  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 120657   | 20.999  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 64049    | 20.866  | ug/l   | 98       |
| 95) Naphthalene               | 15.145 | 128  | 239614   | 20.824  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 104126   | 21.186  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091124\  
Data File : VY019502.D  
Acq On : 11 Sep 2024 11:04  
Operator : SY/MD  
Sample : VY0911SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

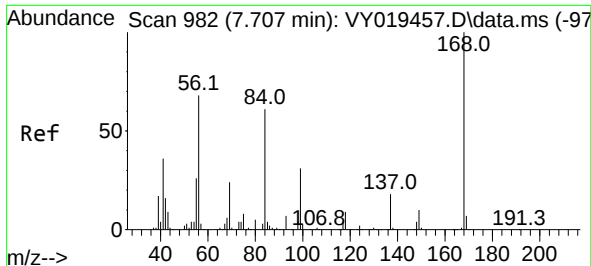
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Sep 12 01:31:15 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260  
QLast Update : Mon Sep 09 16:00:30 2024  
Response via : Initial Calibration

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

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

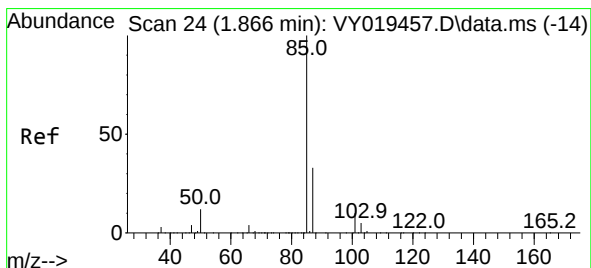
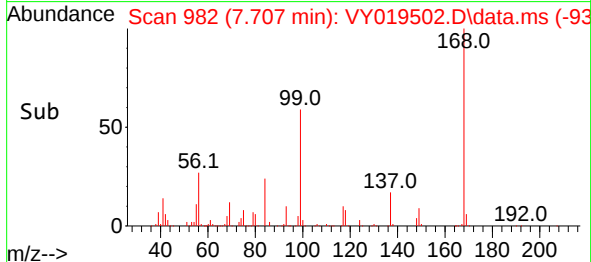
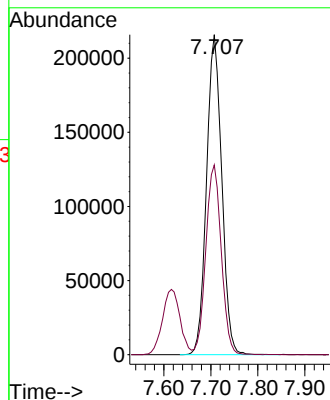
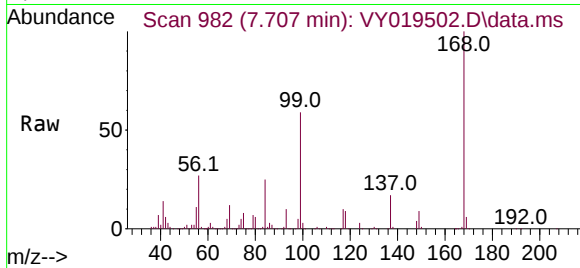




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

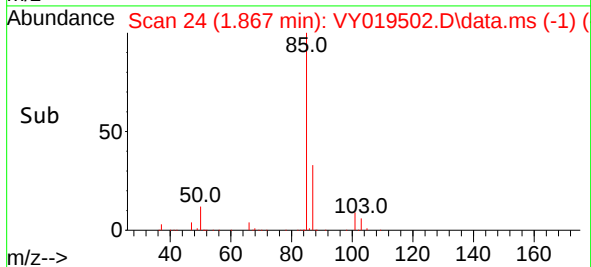
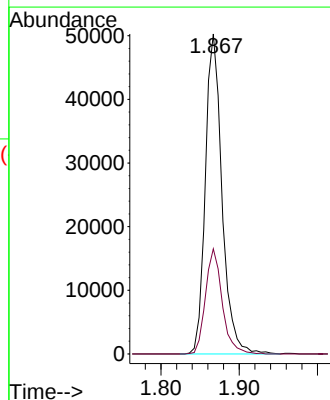
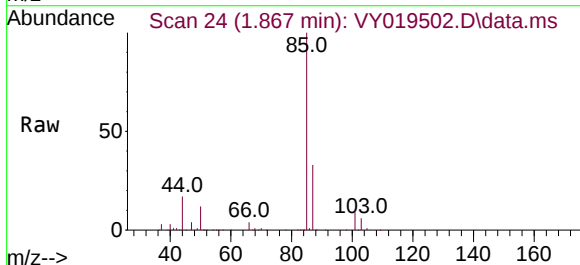
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MSVOA\_Y  
ClientSampleId :

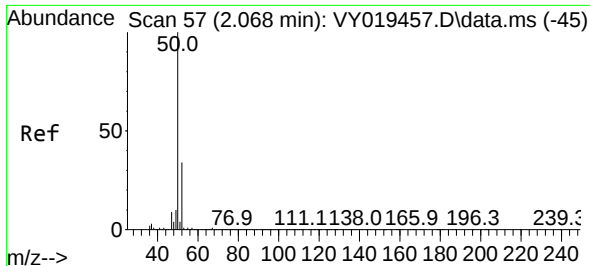
Tgt Ion:168 Resp: 483057  
Ion Ratio Lower Upper  
168 100  
99 59.3 39.1 58.7#



#2  
Dichlorodifluoromethane  
Concen: 26.104 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. 0.001 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 85 Resp: 74089  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.0 48.0

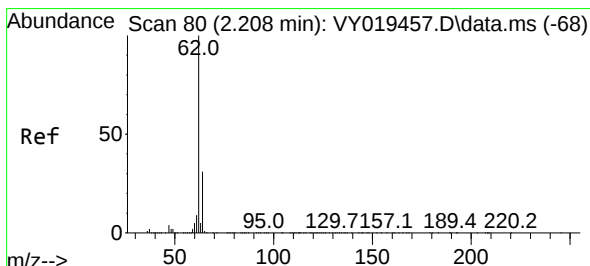
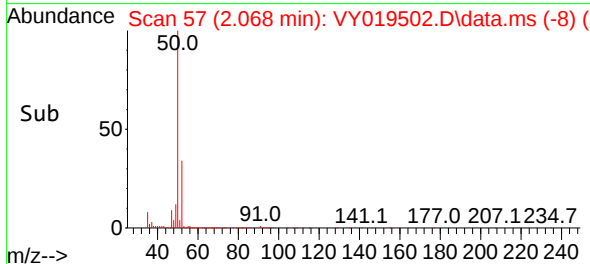
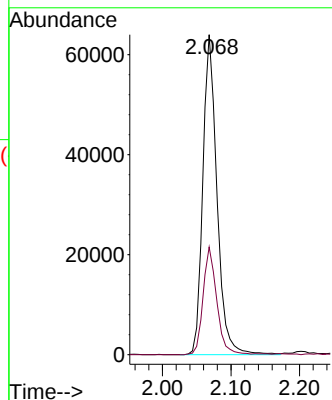
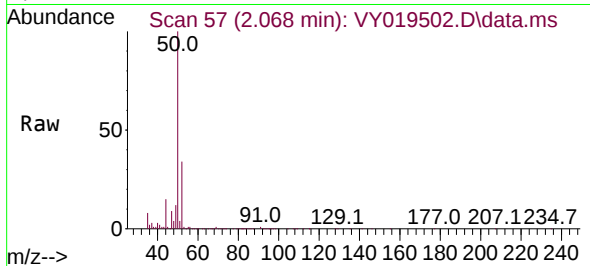




#3  
Chloromethane  
Concen: 23.055 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

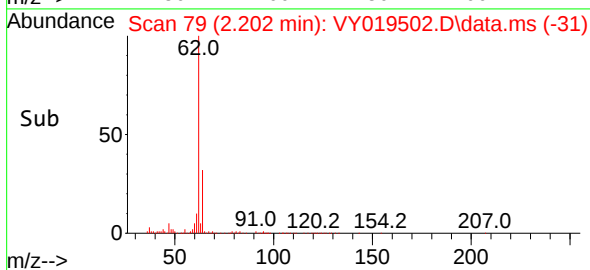
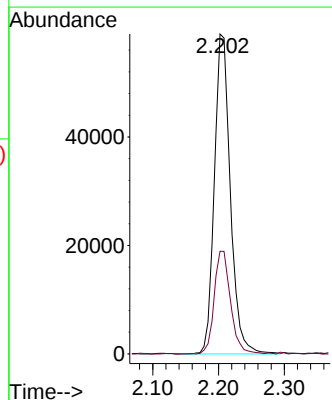
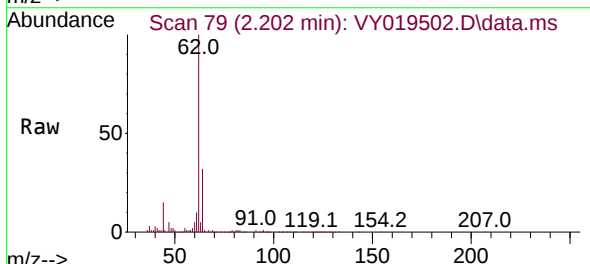
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 50 Resp: 92143  
Ion Ratio Lower Upper  
50 100  
52 33.6 25.6 38.4



#4  
Vinyl Chloride  
Concen: 23.123 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. -0.006 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 62 Resp: 99929  
Ion Ratio Lower Upper  
62 100  
64 32.1 26.1 39.1

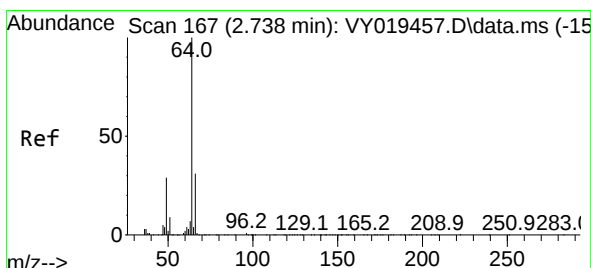
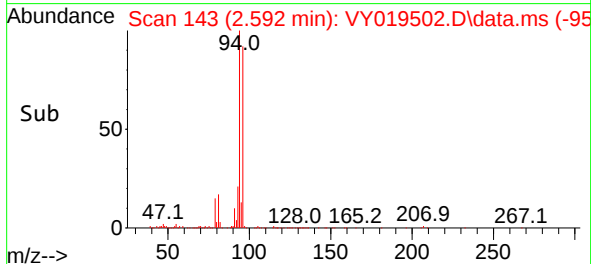
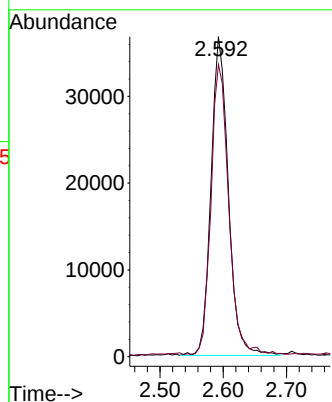
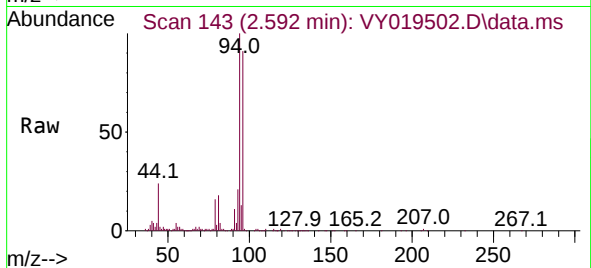




#5  
Bromomethane  
Concen: 26.386 ug/l  
RT: 2.592 min Scan# 144  
Delta R.T. -0.006 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

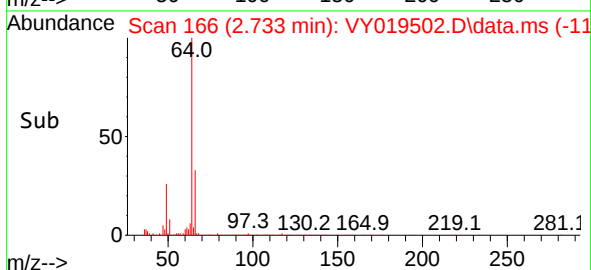
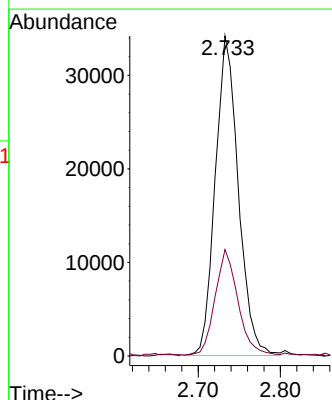
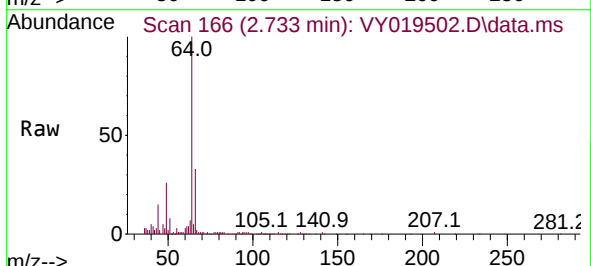
Instrument :  
MSVOA\_Y  
ClientSampleId :

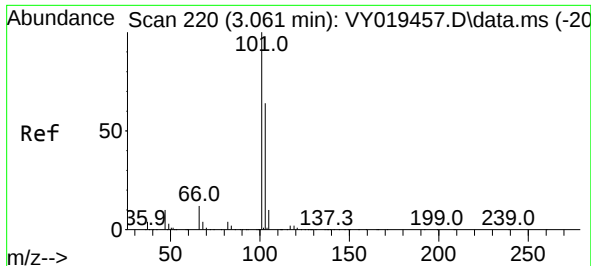
Tgt Ion: 94 Resp: 70044  
Ion Ratio Lower Upper  
94 100  
96 90.6 74.1 111.1



#6  
Chloroethane  
Concen: 23.604 ug/l  
RT: 2.733 min Scan# 166  
Delta R.T. -0.006 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 64 Resp: 66684  
Ion Ratio Lower Upper  
64 100  
66 32.9 26.1 39.1

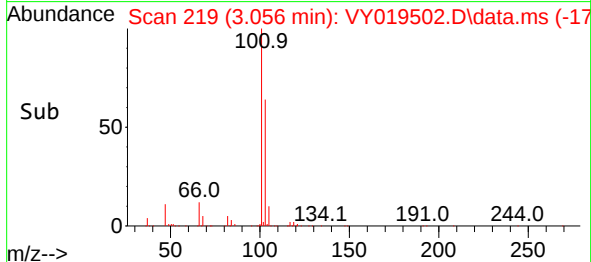
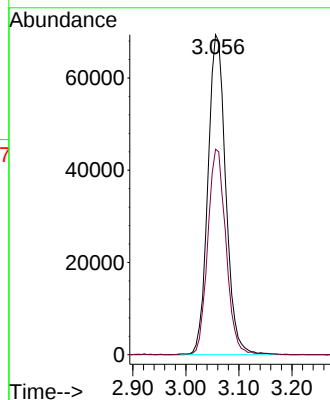
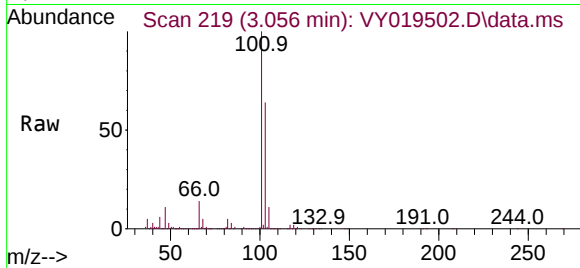




#7  
Trichlorofluoromethane  
Concen: 22.515 ug/l  
RT: 3.056 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

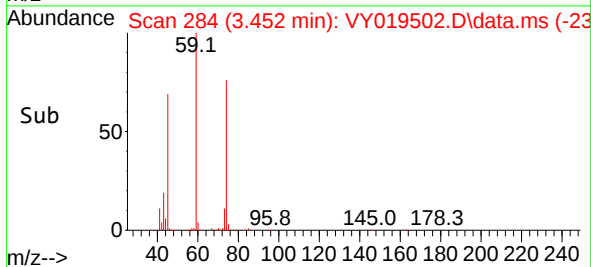
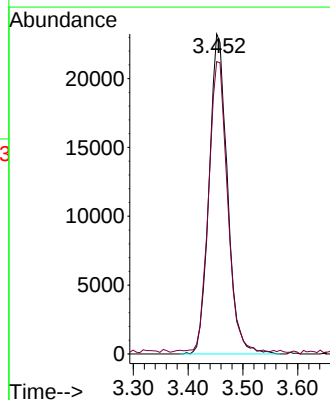
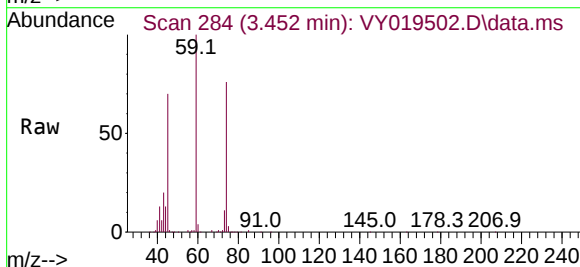
Instrument :  
MSVOA\_Y  
ClientSampleId :

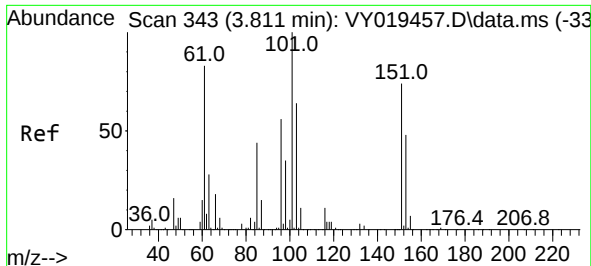
Tgt Ion:101 Resp: 162199  
Ion Ratio Lower Upper  
101 100  
103 64.1 49.3 73.9



#8  
Diethyl Ether  
Concen: 22.241 ug/l  
RT: 3.452 min Scan# 284  
Delta R.T. -0.006 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 74 Resp: 53782  
Ion Ratio Lower Upper  
74 100  
45 92.9 41.3 124.1

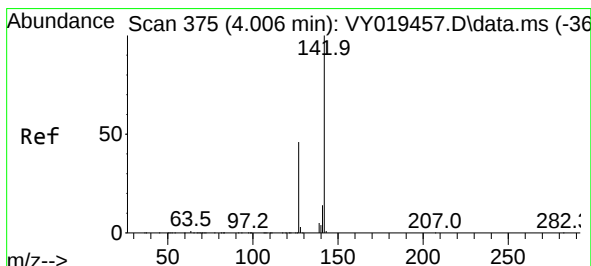
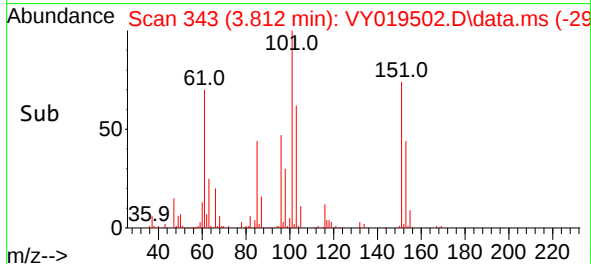
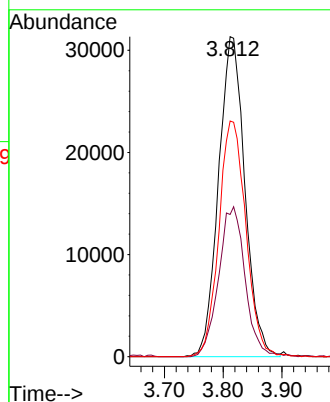
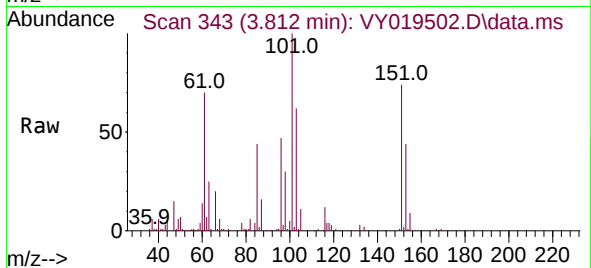




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.872 ug/l  
RT: 3.812 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

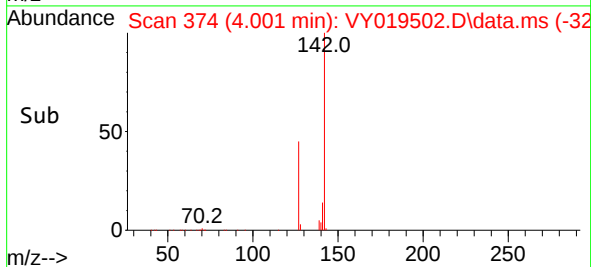
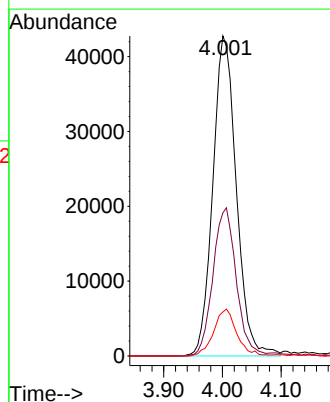
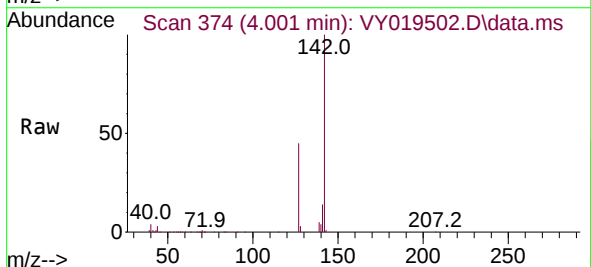
Instrument :  
MSVOA\_Y  
ClientSampleId :

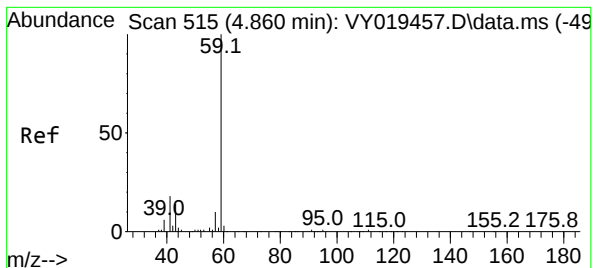
Tgt Ion:101 Resp: 97470  
Ion Ratio Lower Upper  
101 100  
85 47.2 34.5 51.7  
151 75.7 61.7 92.5



#10  
Methyl Iodide  
Concen: 20.782 ug/l  
RT: 4.001 min Scan# 374  
Delta R.T. -0.006 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion:142 Resp: 118742  
Ion Ratio Lower Upper  
142 100  
127 45.9 32.8 49.2  
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 110.500 ug/l

RT: 4.872 min Scan# 51

Delta R.T. 0.013 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

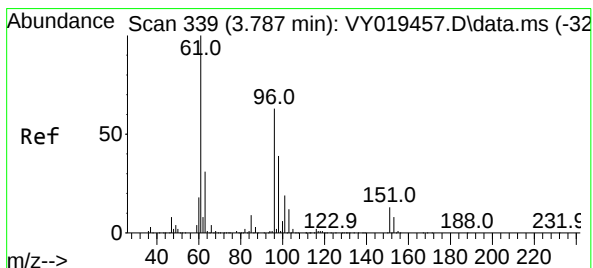
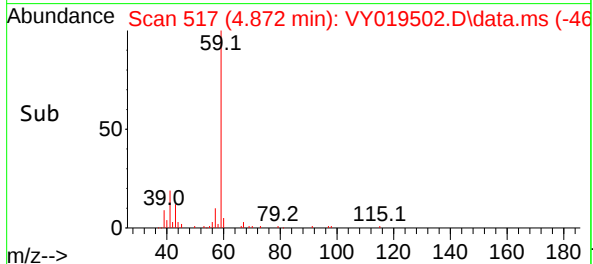
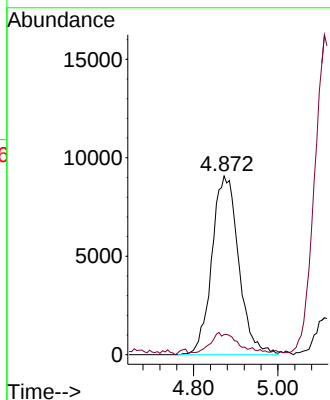
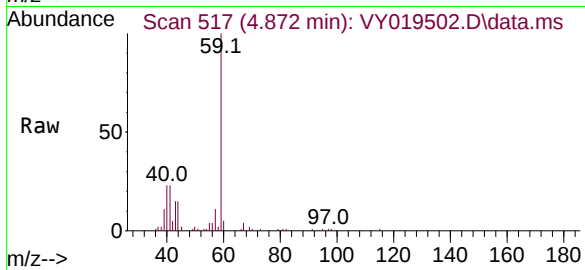
ClientSampleId :

Tgt Ion: 59 Resp: 39916

Ion Ratio Lower Upper

59 100

57 10.7 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 21.107 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

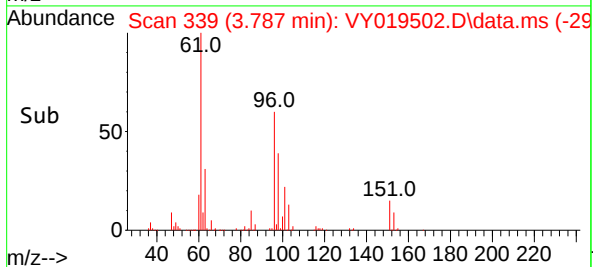
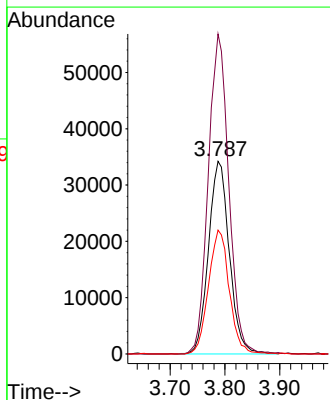
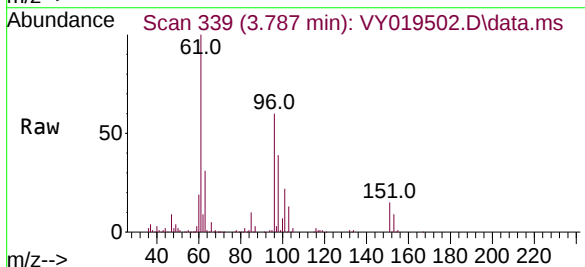
Tgt Ion: 96 Resp: 90462

Ion Ratio Lower Upper

96 100

61 166.1 114.6 171.8

98 64.3 50.8 76.2

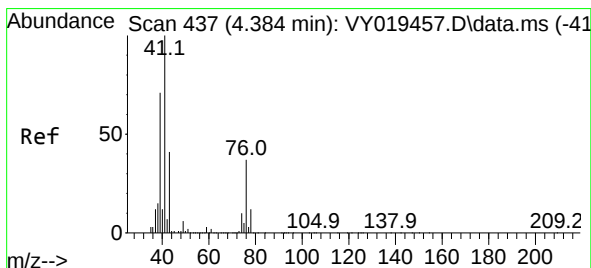
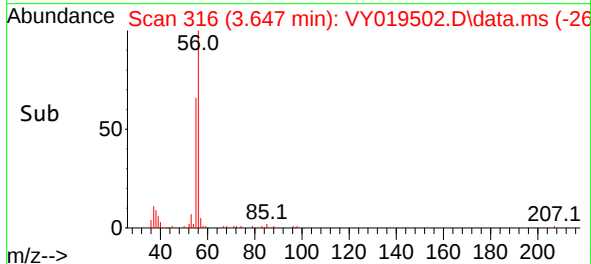
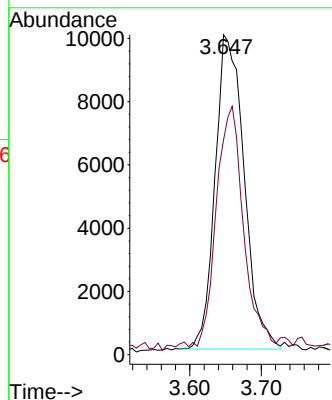
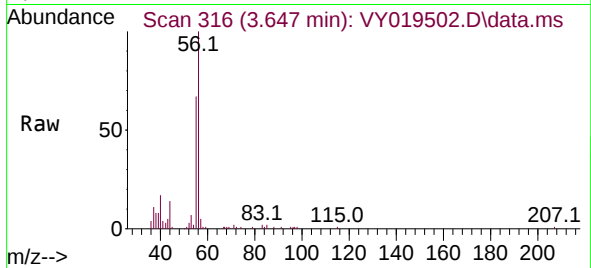




#13  
Acrolein  
Concen: 155.508 ug/l  
RT: 3.647 min Scan# 317  
Delta R.T. -0.006 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

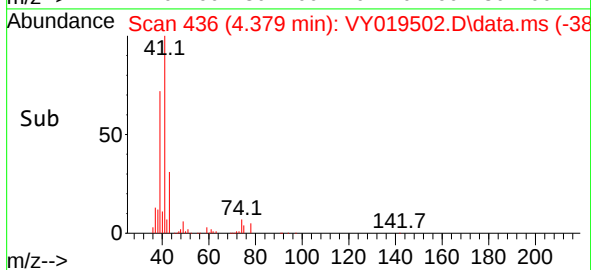
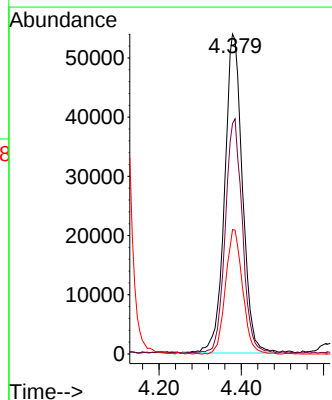
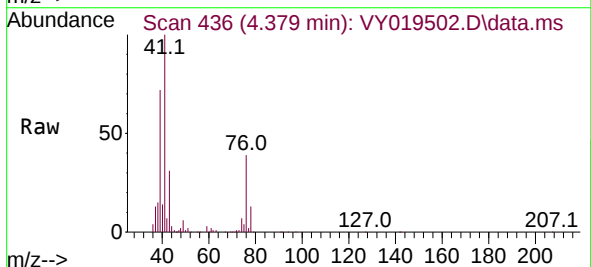
Instrument :  
MSVOA\_Y  
ClientSampleId :

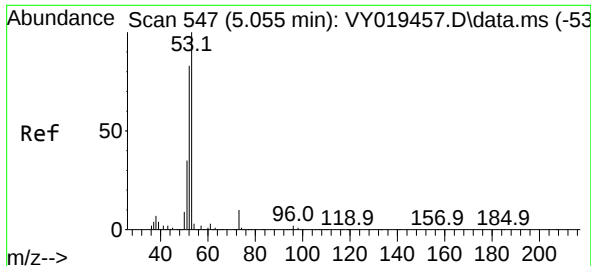
Tgt Ion: 56 Resp: 27985  
Ion Ratio Lower Upper  
56 100  
55 72.5 55.7 83.5



#14  
Allyl chloride  
Concen: 21.103 ug/l  
RT: 4.379 min Scan# 436  
Delta R.T. -0.006 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 41 Resp: 162189  
Ion Ratio Lower Upper  
41 100  
39 70.9 58.3 87.5  
76 37.4 39.0 58.6#

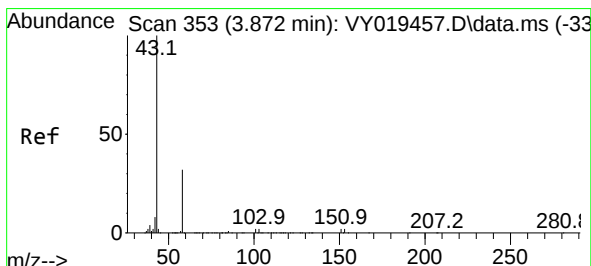
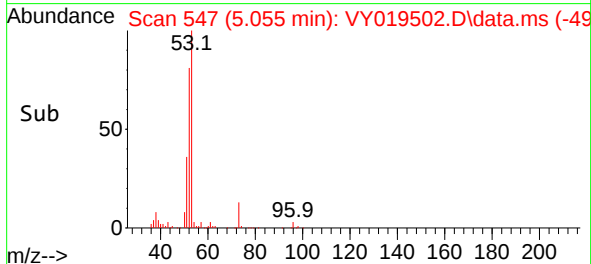
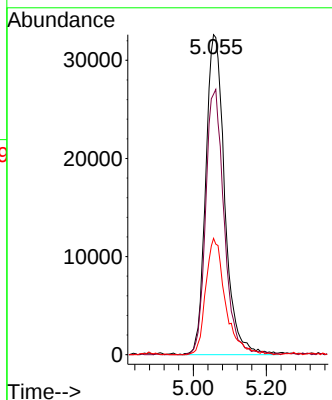
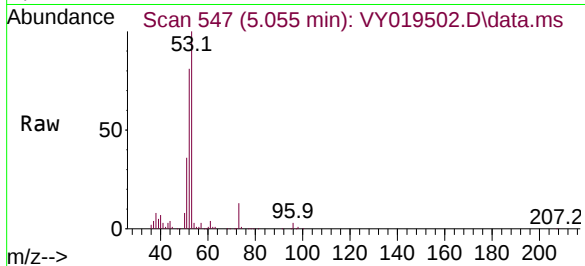




#15  
Acrylonitrile  
Concen: 112.702 ug/l  
RT: 5.055 min Scan# 547  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

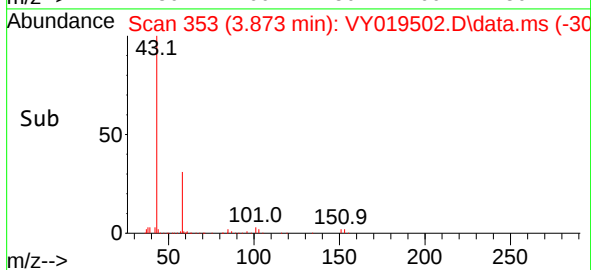
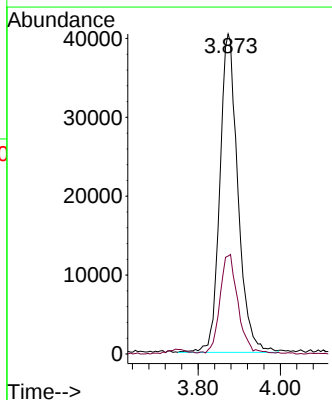
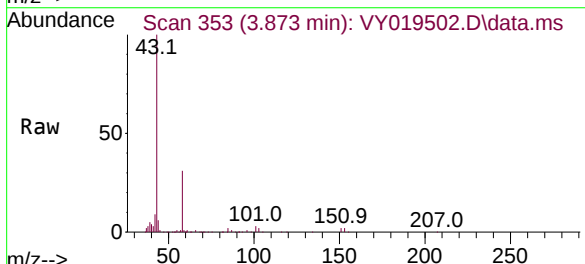
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 53 Resp: 117511  
Ion Ratio Lower Upper  
53 100  
52 80.7 64.7 97.1  
51 37.4 28.4 42.6



#16  
Acetone  
Concen: 115.660 ug/l  
RT: 3.873 min Scan# 353  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 43 Resp: 123250  
Ion Ratio Lower Upper  
43 100  
58 30.3 31.7 47.5#

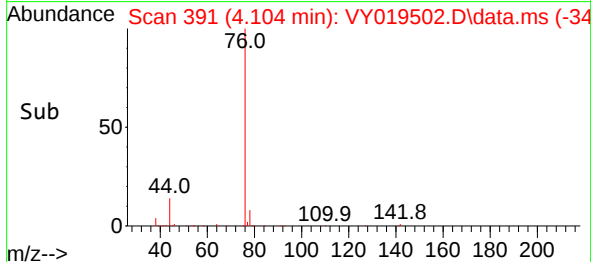
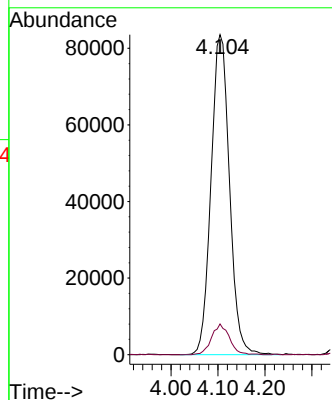
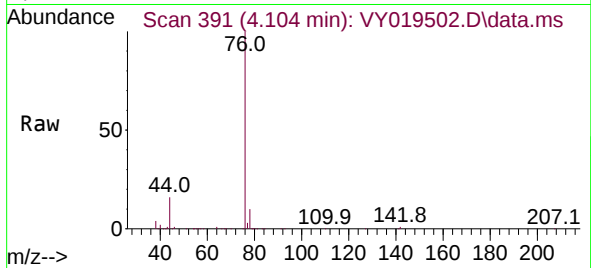




#17  
Carbon Disulfide  
Concen: 19.641 ug/l  
RT: 4.104 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

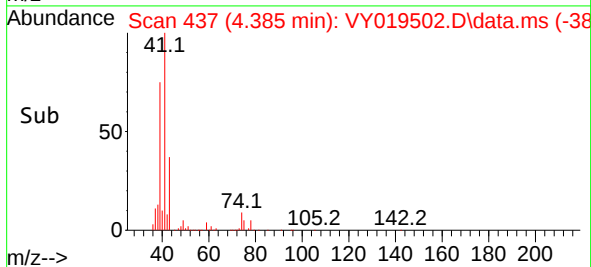
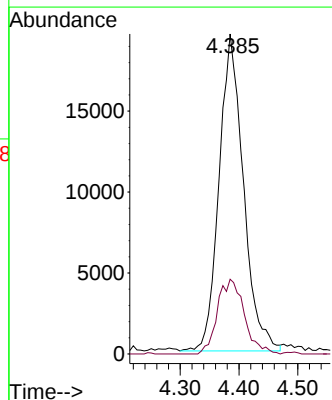
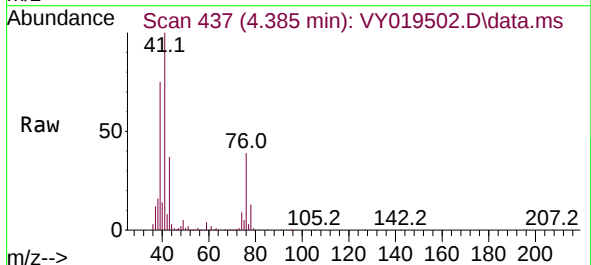
Instrument :  
MSVOA\_Y  
ClientSampleId :

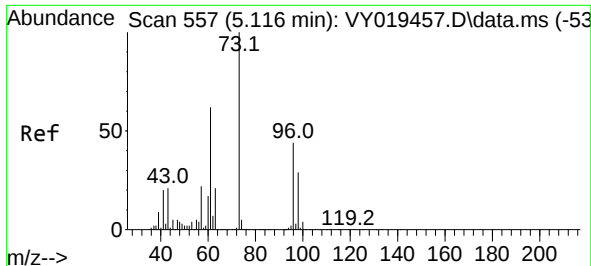
Tgt Ion: 76 Resp: 227435  
Ion Ratio Lower Upper  
76 100  
78 9.6 6.8 10.2



#18  
Methyl Acetate  
Concen: 19.465 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 43 Resp: 56291  
Ion Ratio Lower Upper  
43 100  
74 26.0 23.3 34.9

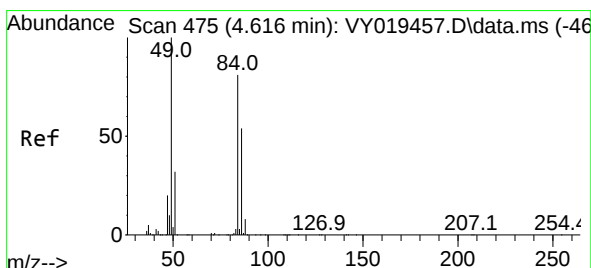
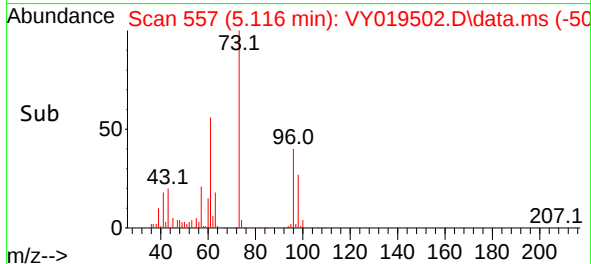
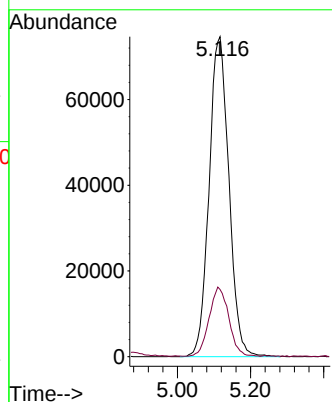
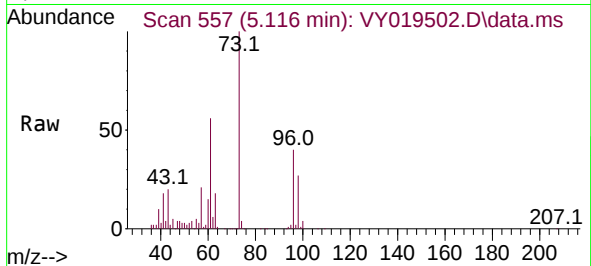




#19  
Methyl tert-butyl Ether  
Concen: 23.087 ug/l  
RT: 5.116 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

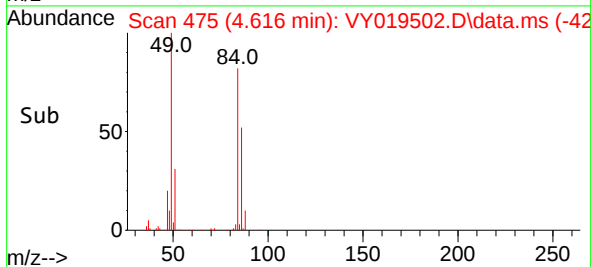
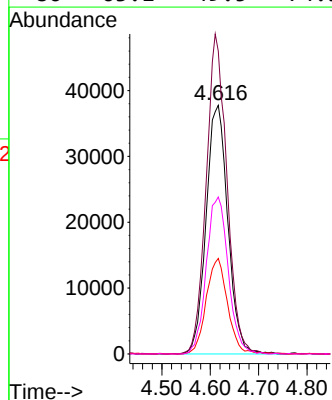
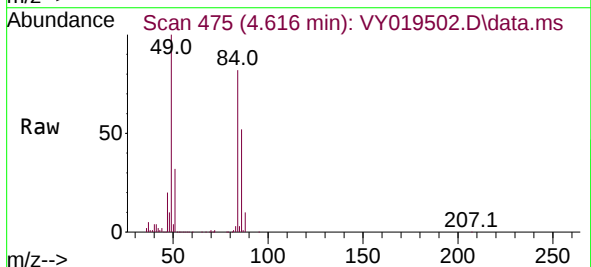
Instrument :  
MSVOA\_Y  
ClientSampleId :

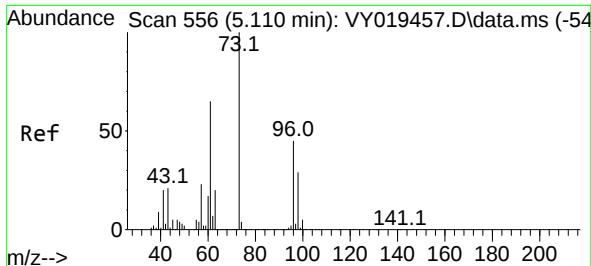
Tgt Ion: 73 Resp: 280239  
Ion Ratio Lower Upper  
73 100  
57 20.8 17.3 25.9



#20  
Methylene Chloride  
Concen: 24.288 ug/l  
RT: 4.616 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 84 Resp: 118035  
Ion Ratio Lower Upper  
84 100  
49 121.6 84.4 126.6  
51 38.4 26.0 39.0  
86 63.1 49.5 74.3

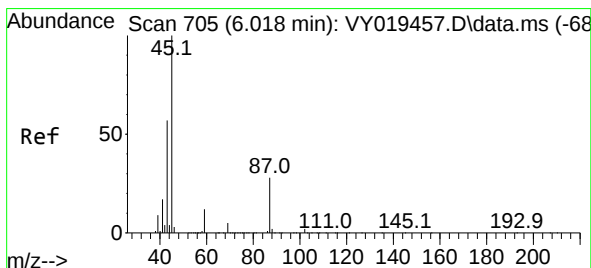
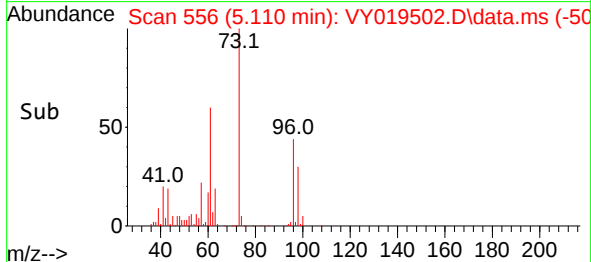
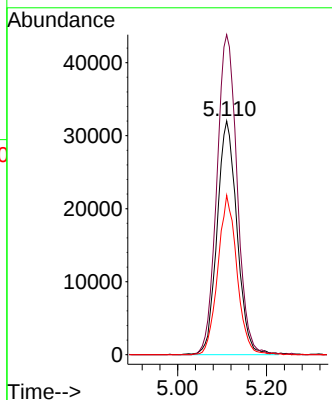
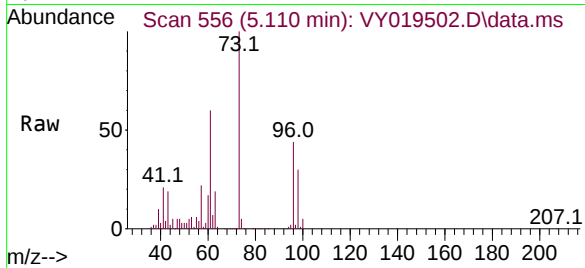




#21  
trans-1,2-Dichloroethene  
Concen: 21.173 ug/l  
RT: 5.110 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

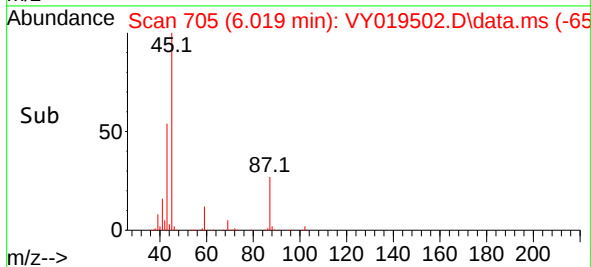
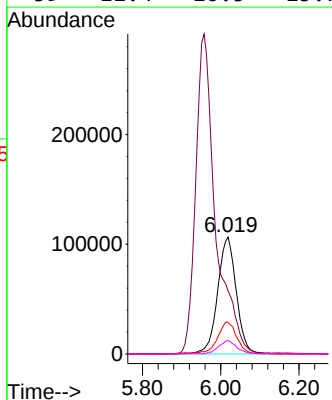
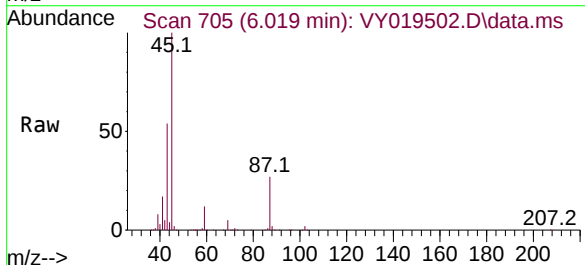
Instrument :  
MSVOA\_Y  
ClientSampleId :

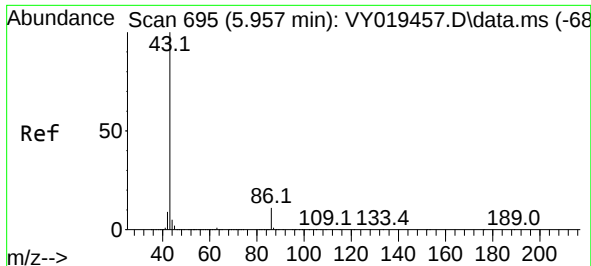
Tgt Ion: 96 Resp: 99463  
Ion Ratio Lower Upper  
96 100  
61 136.9 97.5 146.3  
98 68.1 50.5 75.7



#22  
Diisopropyl ether  
Concen: 22.325 ug/l  
RT: 6.019 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 45 Resp: 352341  
Ion Ratio Lower Upper  
45 100  
43 53.1 42.2 63.2  
87 27.0 25.0 37.6  
59 11.4 10.5 15.7

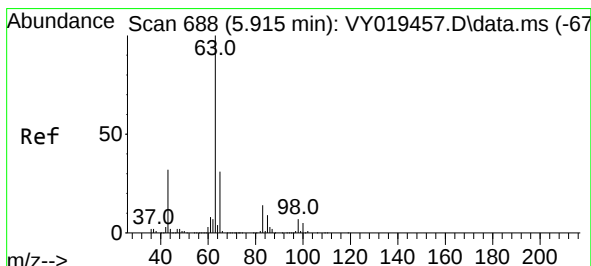
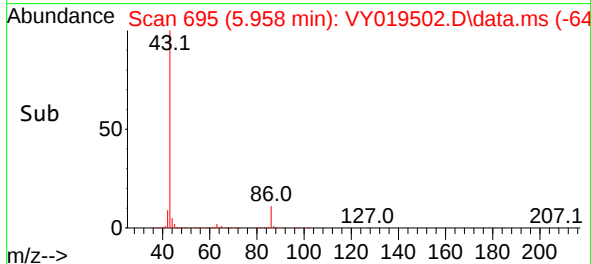
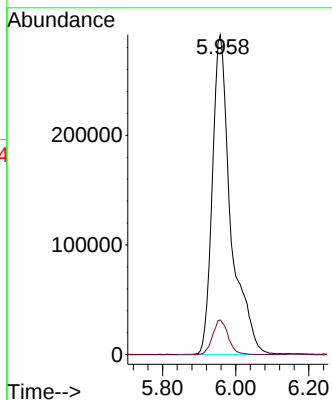
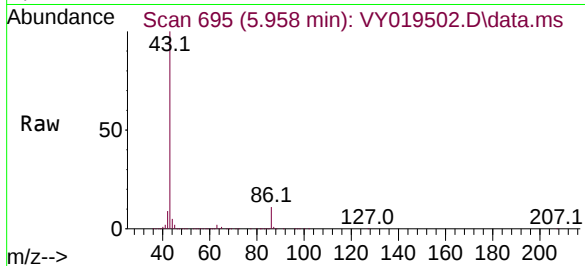




#23  
 Vinyl Acetate  
 Concen: 113.638 ug/l  
 RT: 5.958 min Scan# 695  
 Delta R.T. 0.000 min  
 Lab File: VY019502.D  
 Acq: 11 Sep 2024 11:04

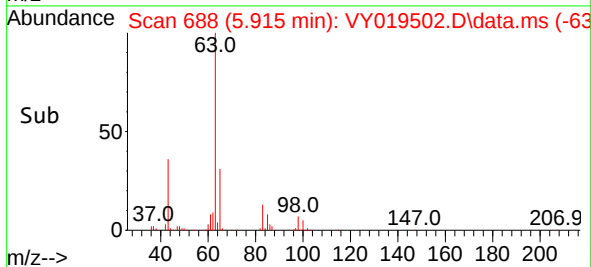
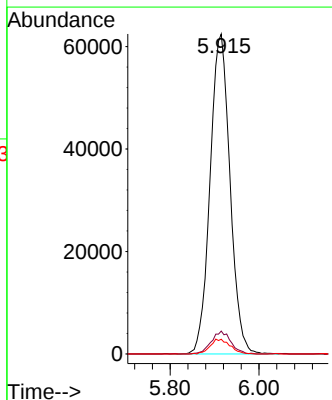
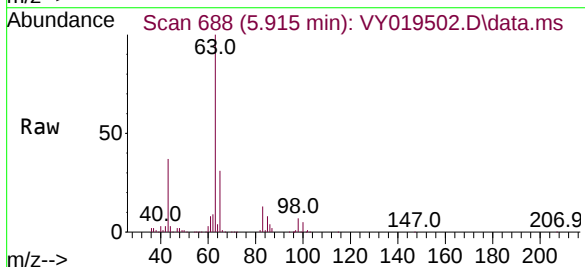
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

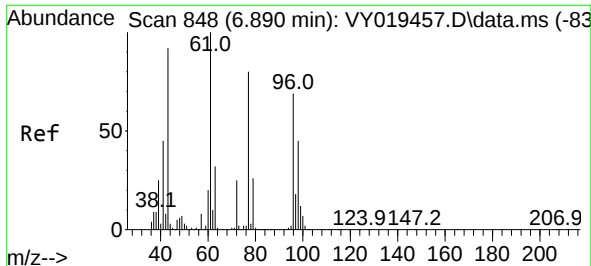
Tgt Ion: 43 Resp: 1024439  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 10.6 16.0



#24  
 1,1-Dichloroethane  
 Concen: 21.939 ug/l  
 RT: 5.915 min Scan# 688  
 Delta R.T. 0.000 min  
 Lab File: VY019502.D  
 Acq: 11 Sep 2024 11:04

Tgt Ion: 63 Resp: 194297  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 4.0 12.2  
 100 4.6 2.6 8.0

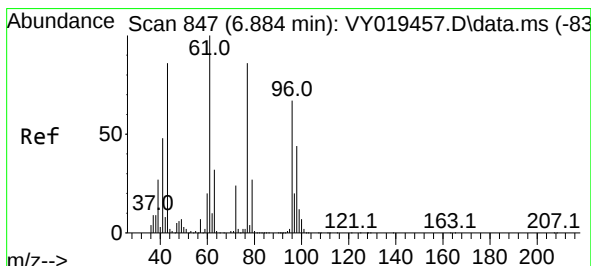
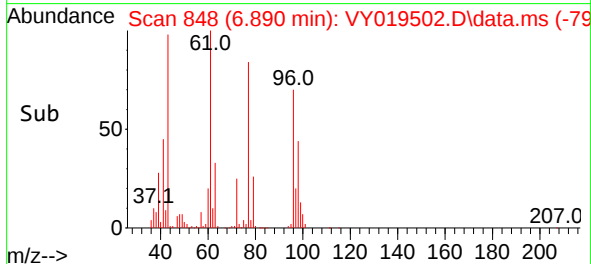
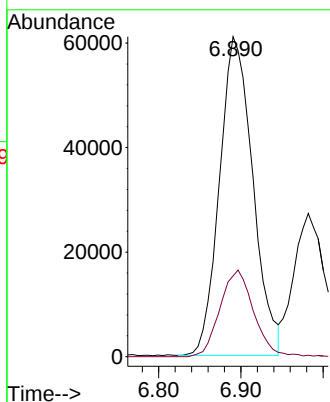
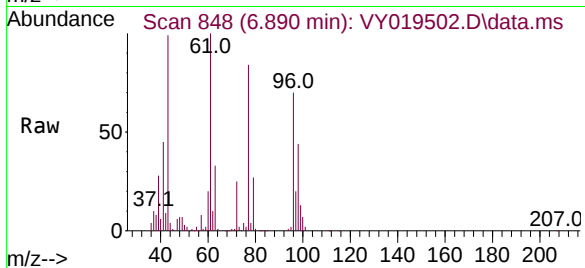




#25  
2-Butanone  
Concen: 113.653 ug/l  
RT: 6.890 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

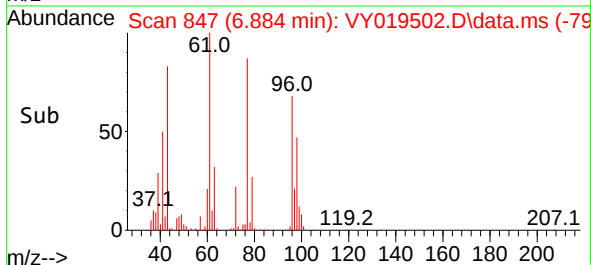
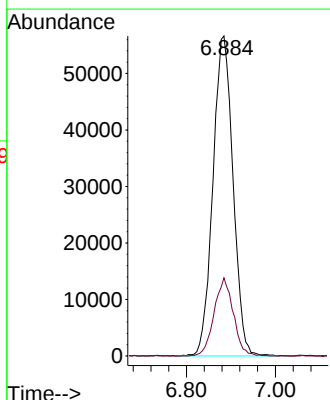
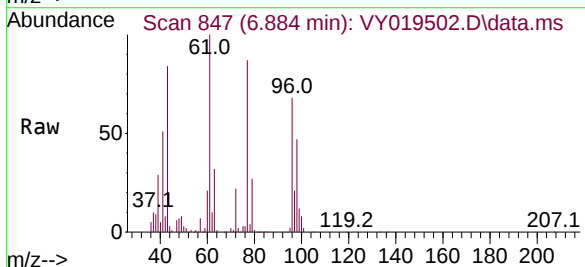
Instrument :  
MSVOA\_Y  
ClientSampleId :

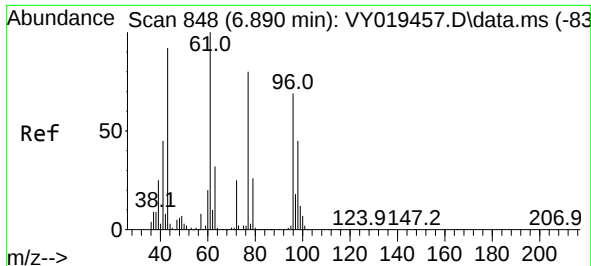
Tgt Ion: 43 Resp: 172251  
Ion Ratio Lower Upper  
43 100  
72 25.4 27.3 40.9#



#26  
2,2-Dichloropropane  
Concen: 22.237 ug/l  
RT: 6.884 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

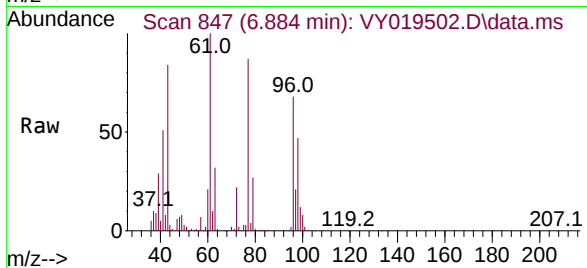
Tgt Ion: 77 Resp: 177643  
Ion Ratio Lower Upper  
77 100  
97 23.3 12.0 36.1





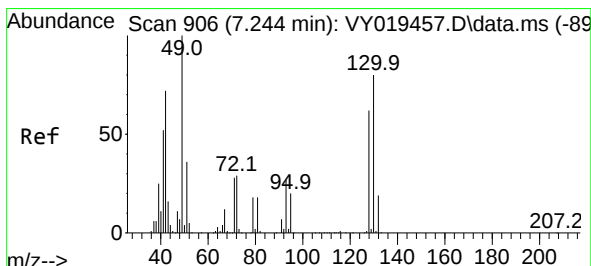
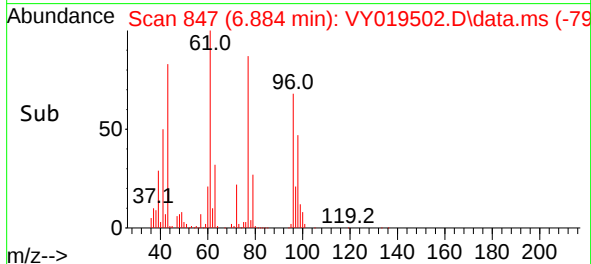
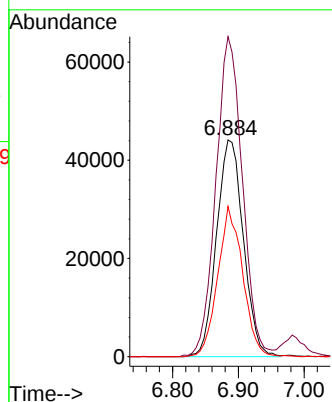
#27  
 cis-1,2-Dichloroethene  
 Concen: 21.902 ug/l  
 RT: 6.884 min Scan# 848  
 Delta R.T. -0.006 min  
 Lab File: VY019502.D  
 Acq: 11 Sep 2024 11:04

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



Tgt Ion: 96 Resp: 124976  

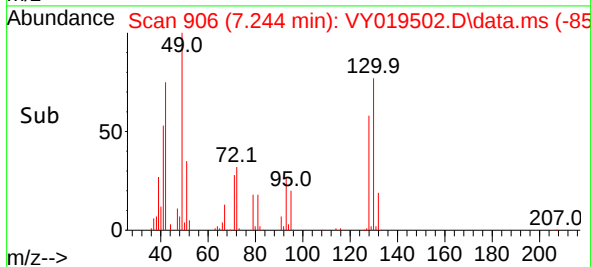
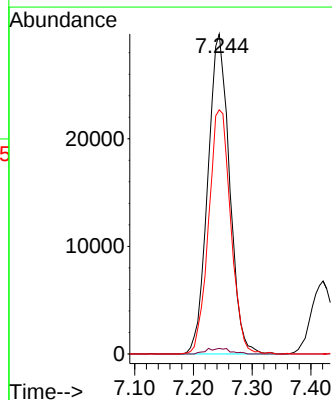
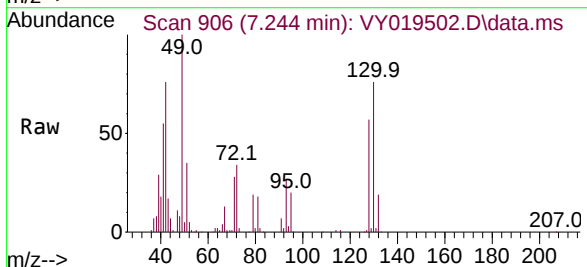
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 146.5 | 0.0   | 256.2 |
| 98  | 64.5  | 0.0   | 130.0 |



#28  
 Bromochloromethane  
 Concen: 20.499 ug/l  
 RT: 7.244 min Scan# 906  
 Delta R.T. 0.000 min  
 Lab File: VY019502.D  
 Acq: 11 Sep 2024 11:04

Tgt Ion: 49 Resp: 76387  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.0   | 0.0   | 4.6   |
| 130 | 77.6  | 72.7  | 109.1 |

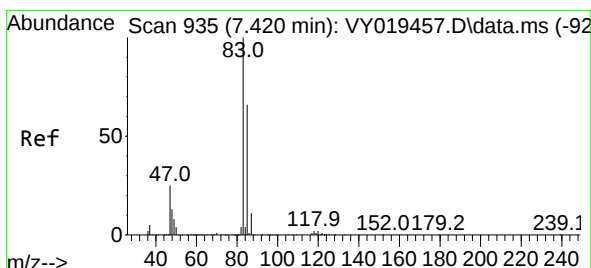
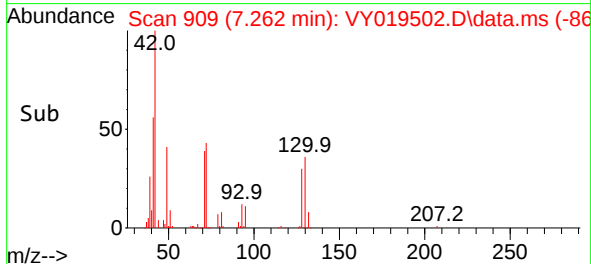
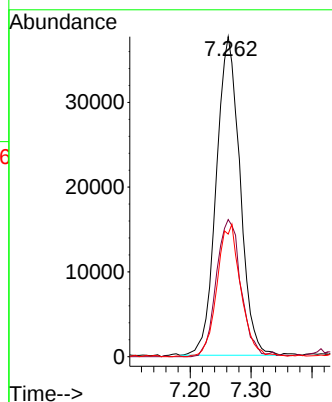
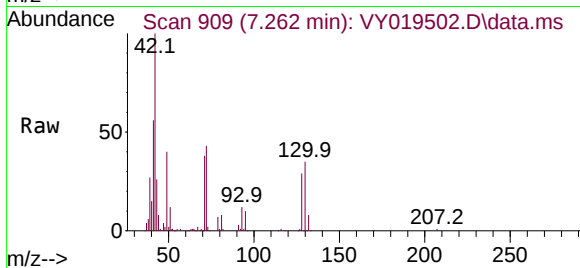




#29  
Tetrahydrofuran  
Concen: 110.003 ug/l  
RT: 7.262 min Scan# 909  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

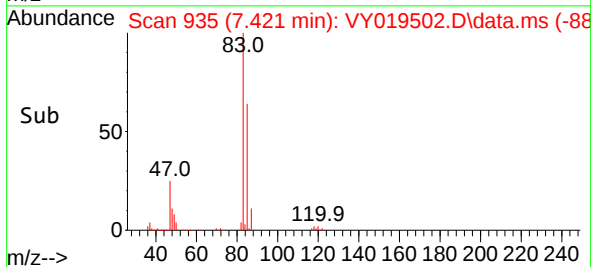
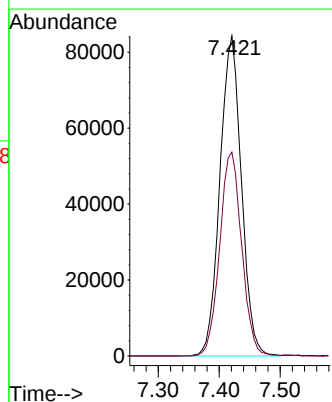
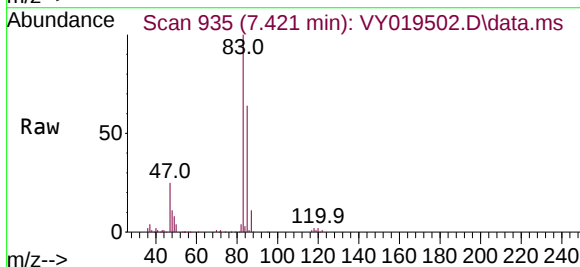
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 42 Resp: 101368  
Ion Ratio Lower Upper  
42 100  
72 44.4 43.0 64.4  
71 41.8 40.8 61.2



#30  
Chloroform  
Concen: 22.855 ug/l  
RT: 7.421 min Scan# 935  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

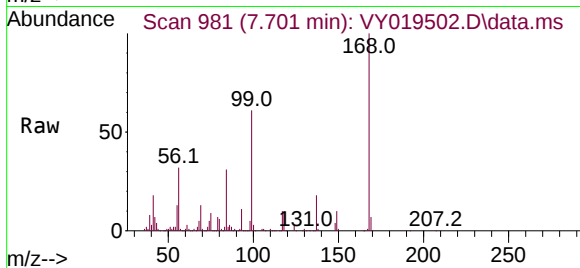
Tgt Ion: 83 Resp: 206634  
Ion Ratio Lower Upper  
83 100  
85 63.7 52.2 78.4



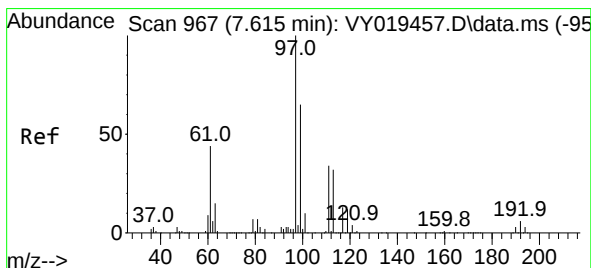
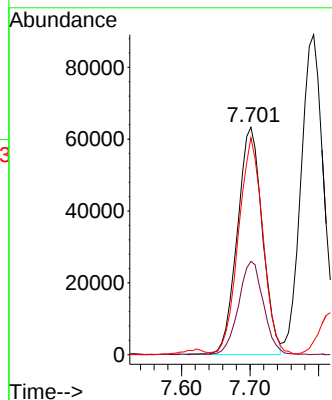
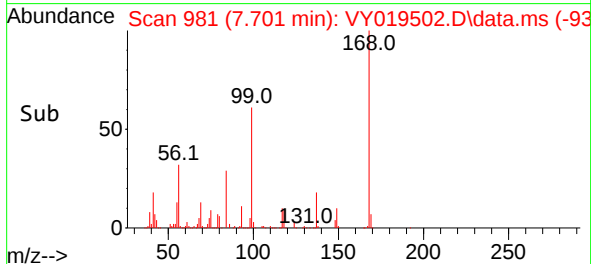


#31  
Cyclohexane  
Concen: 20.054 ug/l  
RT: 7.701 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Instrument :  
MSVOA\_Y  
ClientSampleId :

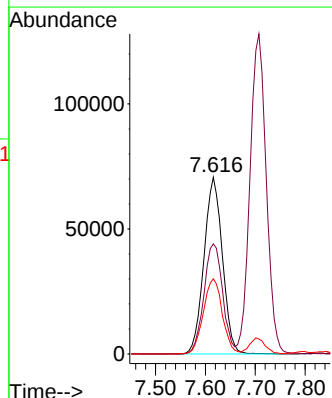
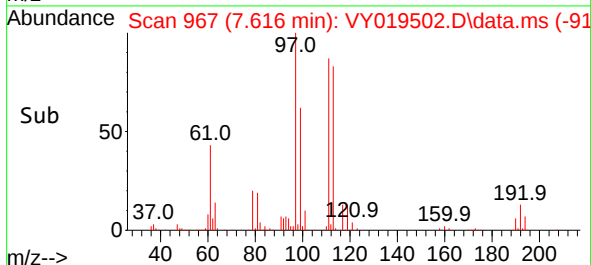
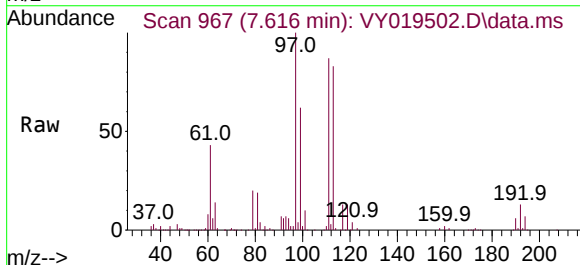


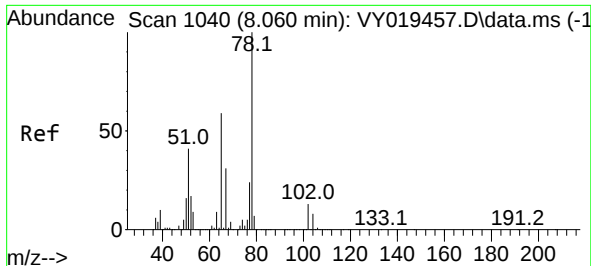
Tgt Ion: 56 Resp: 160537  
Ion Ratio Lower Upper  
56 100  
69 40.7 28.7 43.1  
84 94.3 77.7 116.5



#32  
1,1,1-Trichloroethane  
Concen: 22.378 ug/l  
RT: 7.616 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 97 Resp: 181342  
Ion Ratio Lower Upper  
97 100  
99 63.2 50.3 75.5  
61 43.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 56.479 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

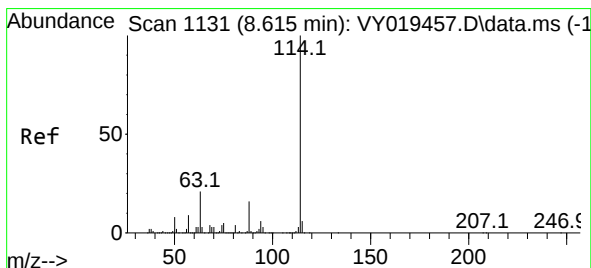
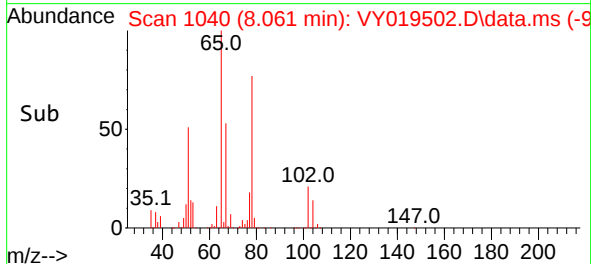
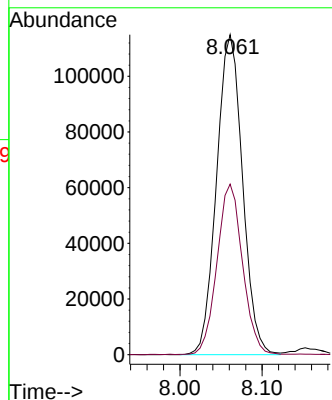
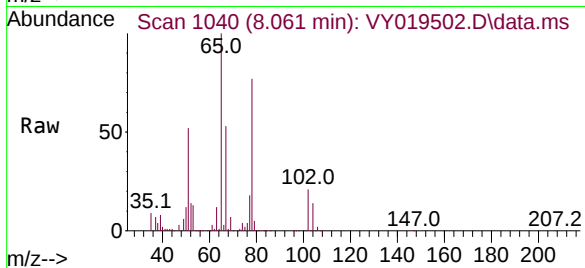
ClientSampleId :

Tgt Ion: 65 Resp: 252631

Ion Ratio Lower Upper

65 100

67 52.1 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: VY019502.D

Acq: 11 Sep 2024 11:04

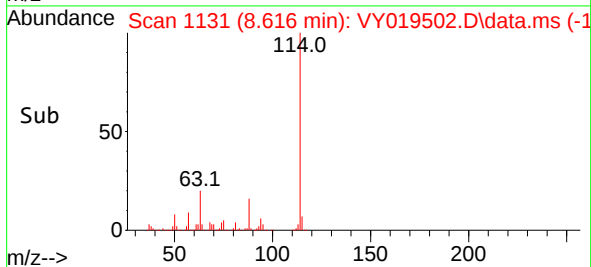
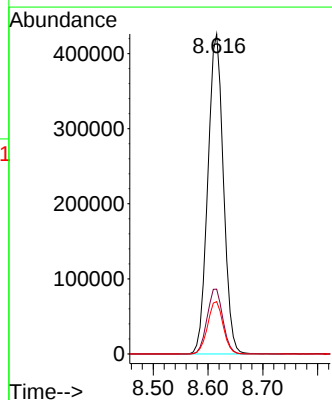
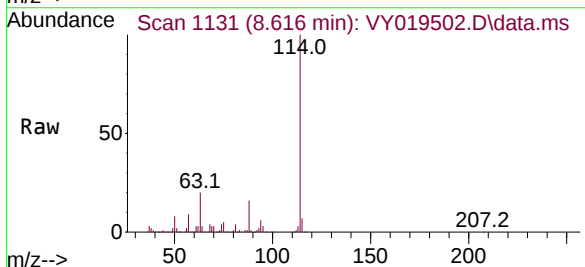
Tgt Ion: 114 Resp: 835804

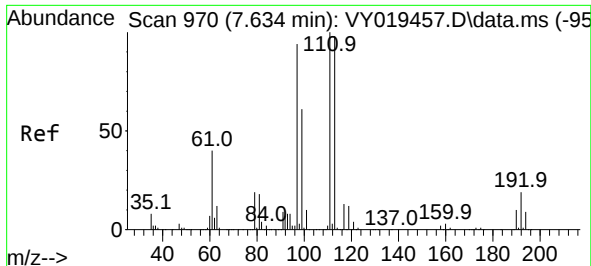
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

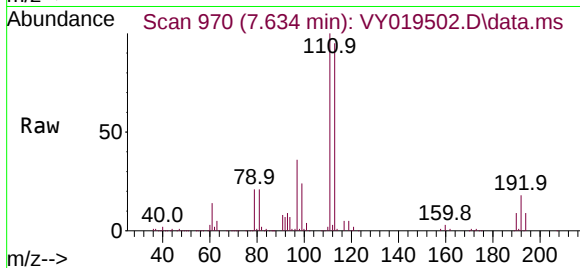
88 16.4 0.0 27.2



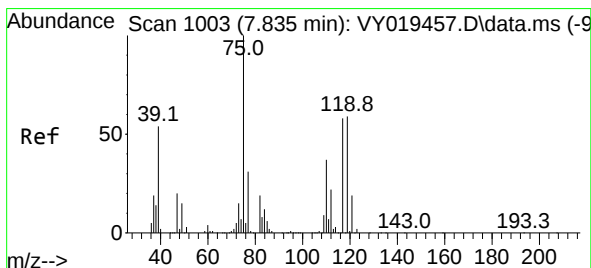
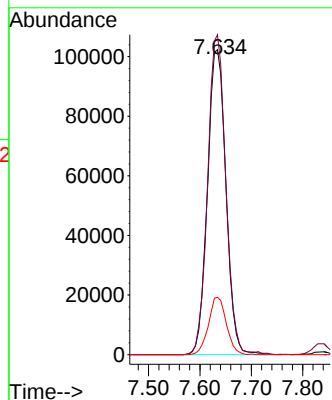
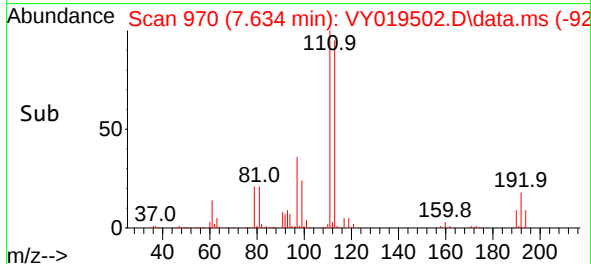


#35  
Dibromofluoromethane  
Concen: 53.858 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

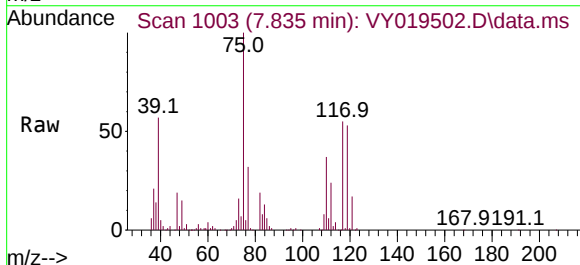
Instrument :  
MSVOA\_Y  
ClientSampleId :



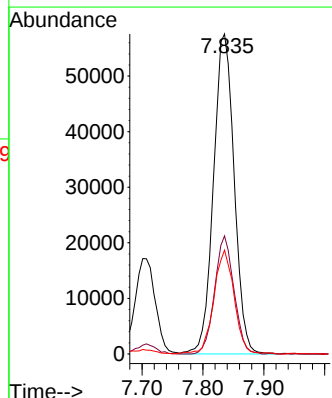
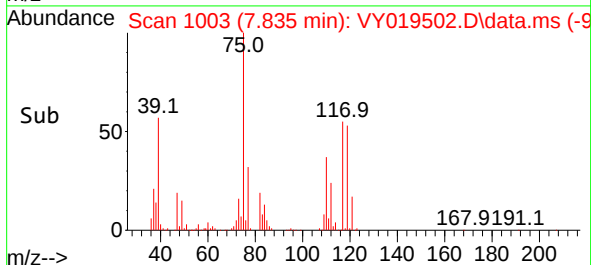
Tgt Ion:113 Resp: 255224  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.2 123.4  
192 18.3 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 21.067 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04



Tgt Ion: 75 Resp: 135844  
Ion Ratio Lower Upper  
75 100  
110 34.4 19.0 57.0  
77 31.9 25.3 37.9





#37

Ethyl Acetate

Concen: 22.512 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

ClientSampleId :

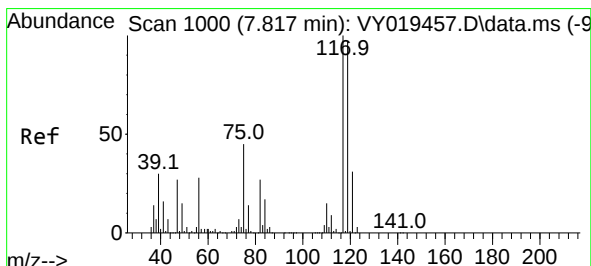
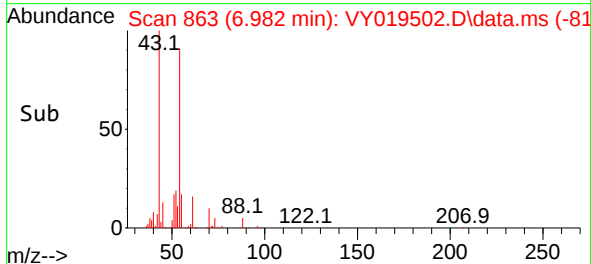
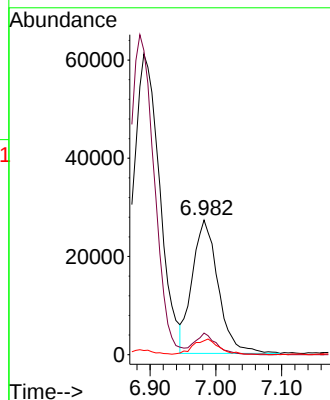
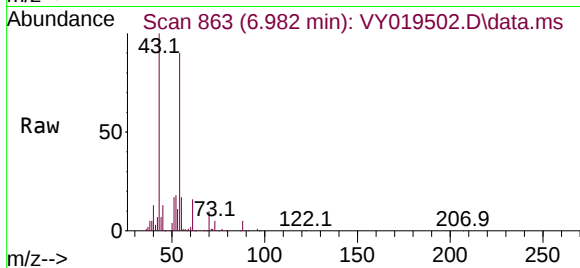
Tgt Ion: 43 Resp: 74379

Ion Ratio Lower Upper

43 100

61 13.9 12.6 19.0

70 11.8 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 21.326 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

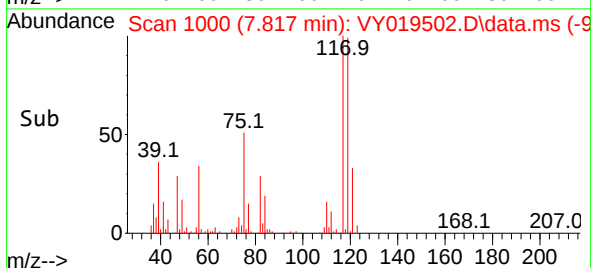
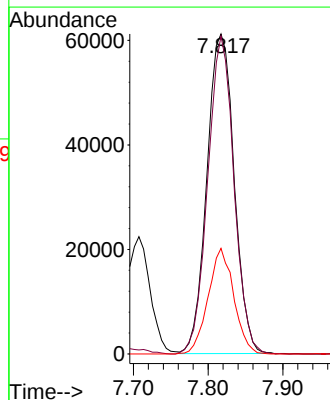
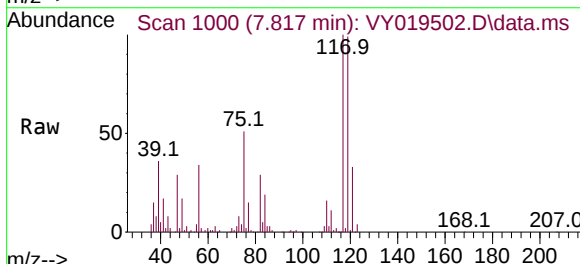
Tgt Ion:117 Resp: 155071

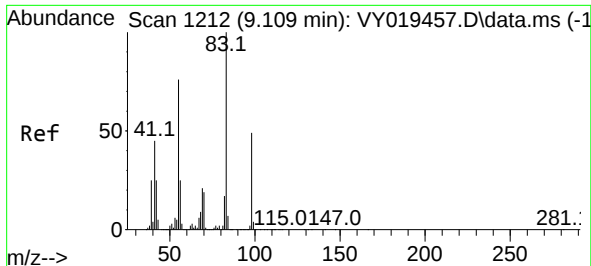
Ion Ratio Lower Upper

117 100

119 99.3 75.8 113.6

121 33.1 24.0 36.0





#39

Methylcyclohexane

Concen: 20.333 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

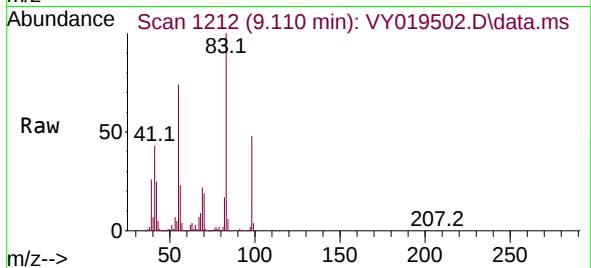
Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

ClientSampleId :



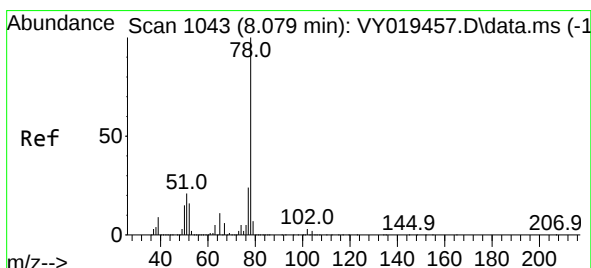
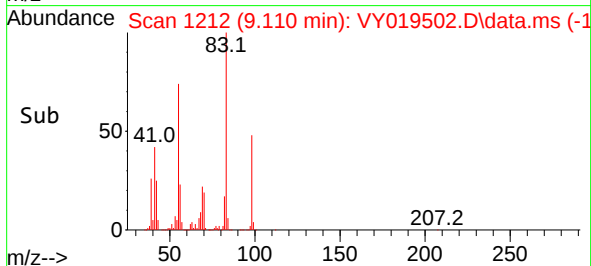
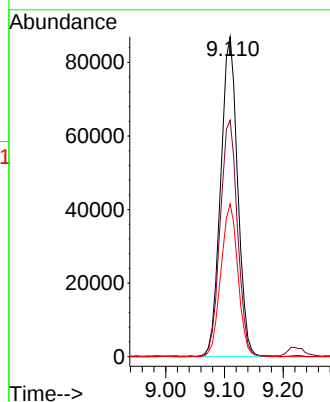
Tgt Ion: 83 Resp: 174486

Ion Ratio Lower Upper

83 100

55 73.7 51.5 77.3

98 47.7 40.5 60.7



#40

Benzene

Concen: 21.175 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019502.D

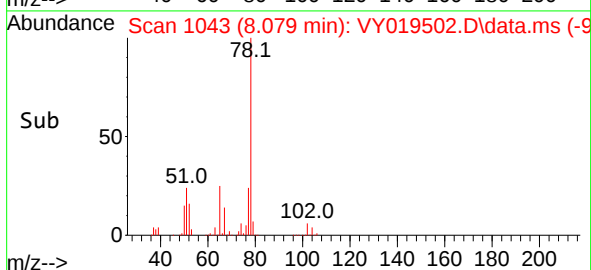
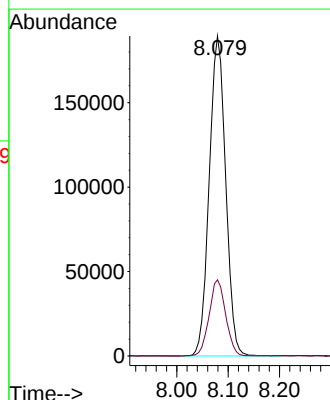
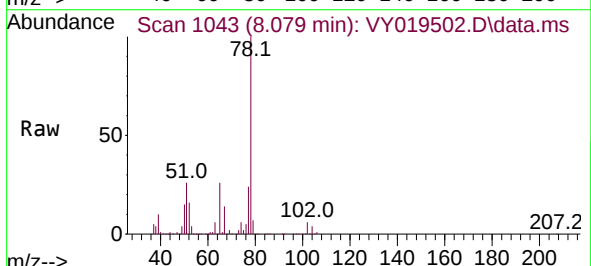
Acq: 11 Sep 2024 11:04

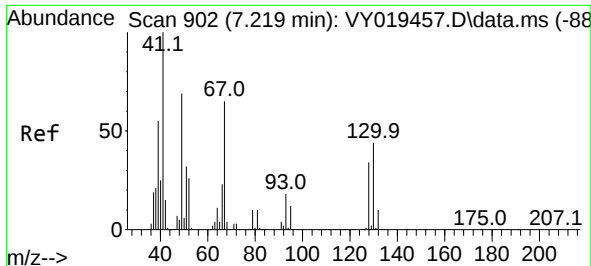
Tgt Ion: 78 Resp: 420553

Ion Ratio Lower Upper

78 100

77 23.8 19.5 29.3

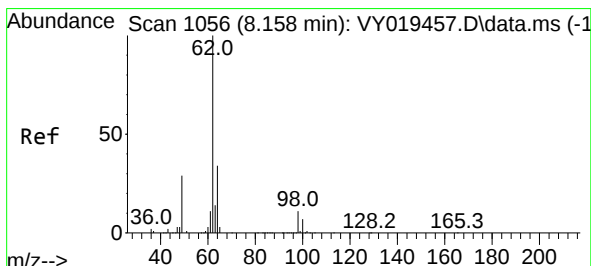
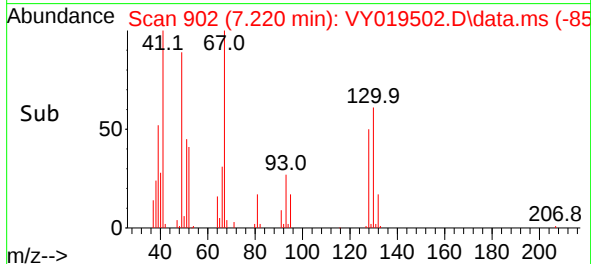
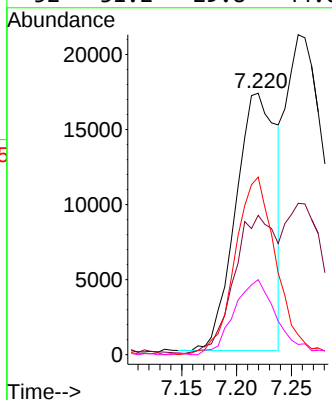
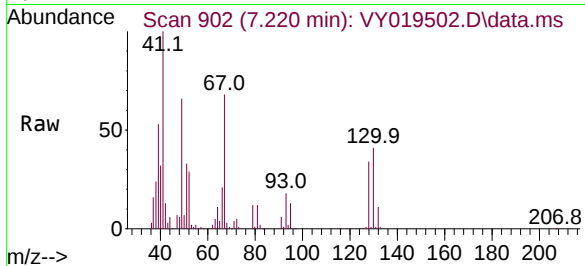




#41  
Methacrylonitrile  
Concen: 22.983 ug/l  
RT: 7.220 min Scan# 902  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

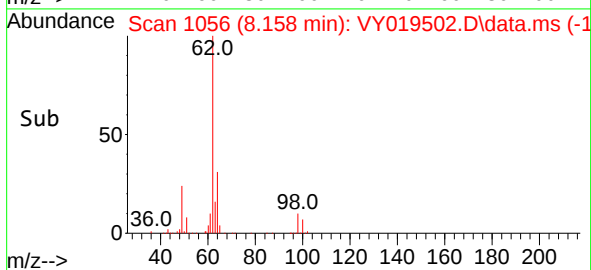
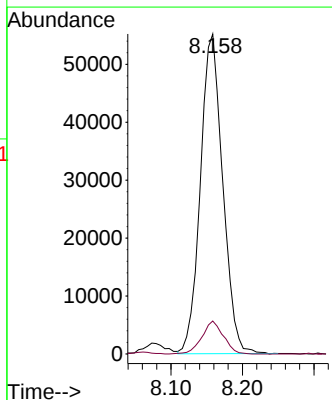
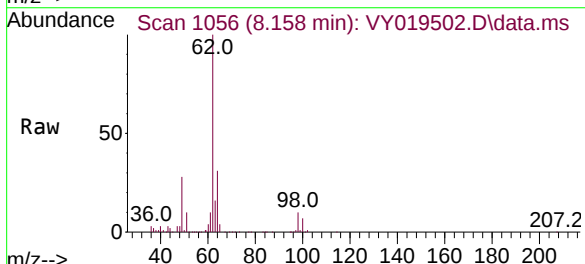
Instrument :  
MSVOA\_Y  
ClientSampleId :

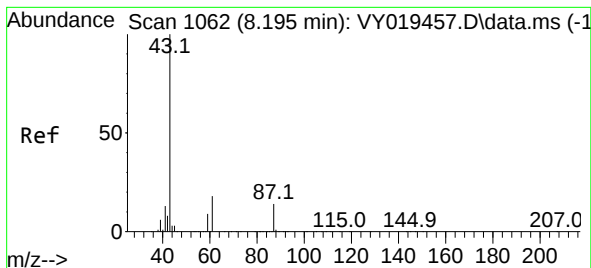
Tgt Ion: 41 Resp: 44264  
Ion Ratio Lower Upper  
41 100  
39 55.0 48.0 72.0  
67 70.2 75.1 112.7#  
52 31.2 29.8 44.6



#42  
1,2-Dichloroethane  
Concen: 22.377 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 62 Resp: 119590  
Ion Ratio Lower Upper  
62 100  
98 9.9 0.0 22.0





#43

Isopropyl Acetate

Concen: 21.717 ug/l

RT: 8.195 min Scan# 1

Delta R.T. 0.000 min

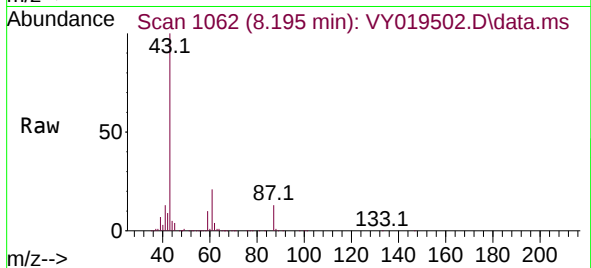
Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

ClientSampleId :



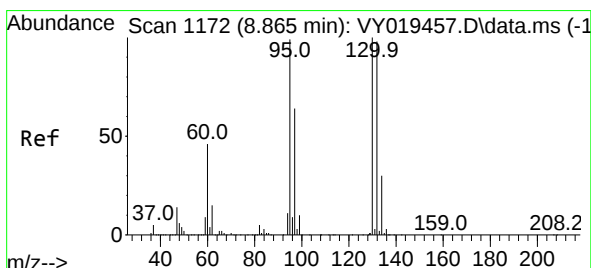
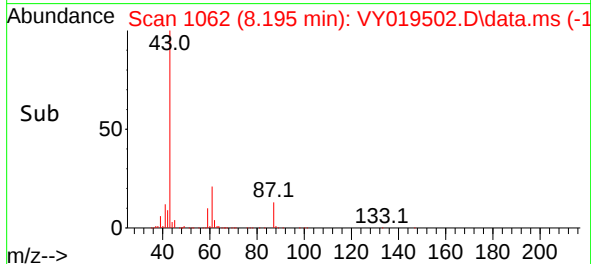
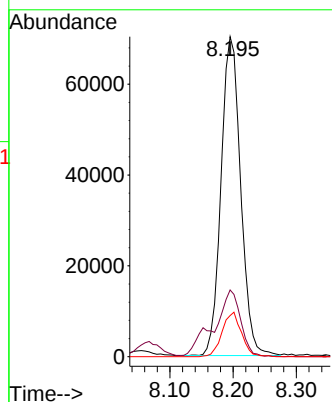
Tgt Ion: 43 Resp: 150741

Ion Ratio Lower Upper

43 100

61 20.5 27.9 41.9#

87 13.8 13.1 19.7



#44

Trichloroethene

Concen: 20.812 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY019502.D

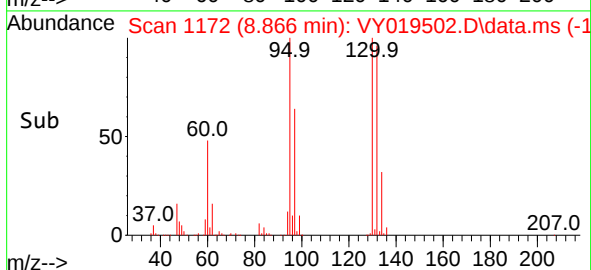
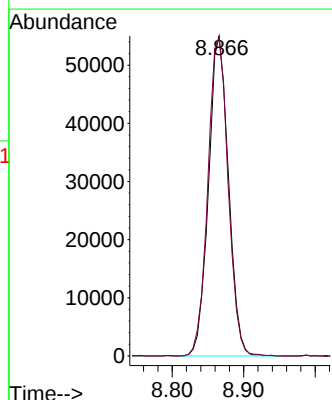
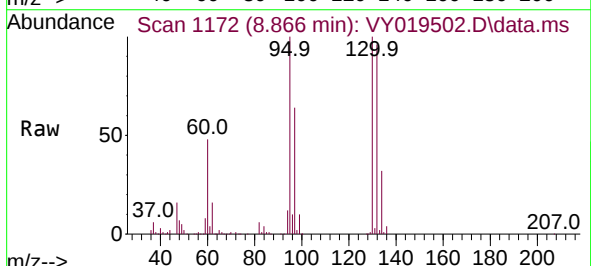
Acq: 11 Sep 2024 11:04

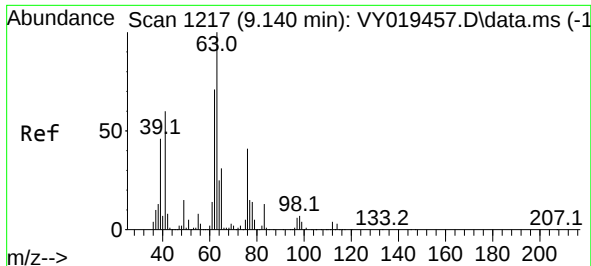
Tgt Ion:130 Resp: 106306

Ion Ratio Lower Upper

130 100

95 99.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.370 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

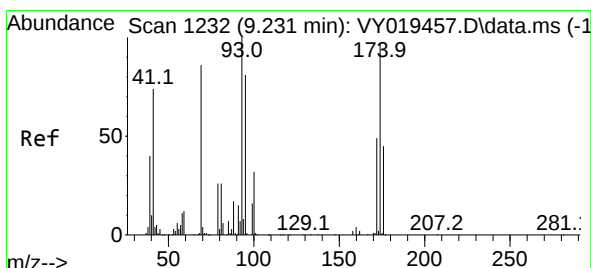
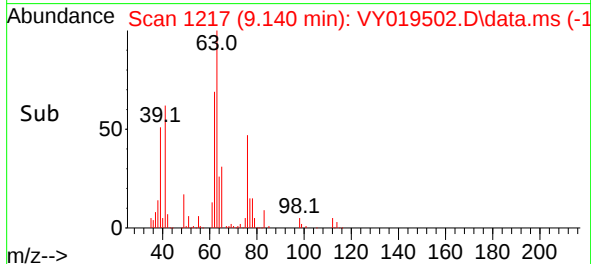
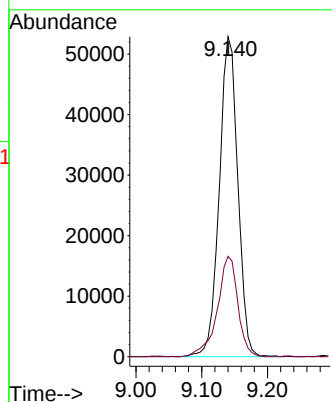
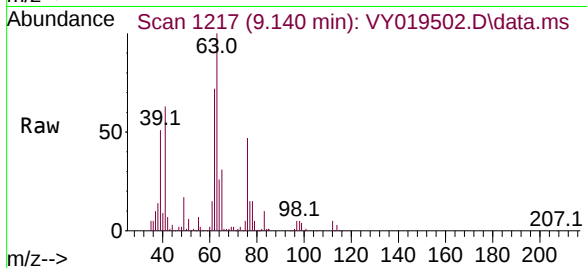
ClientSampleId :

Tgt Ion: 63 Resp: 103760

Ion Ratio Lower Upper

63 100

65 31.4 25.4 38.2



#46

Dibromomethane

Concen: 22.188 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

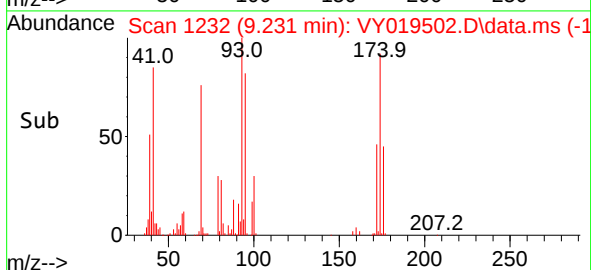
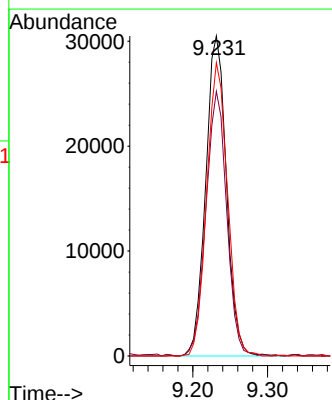
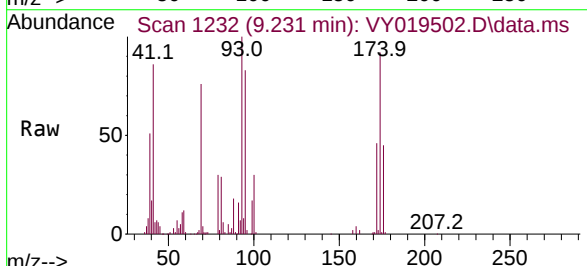
Tgt Ion: 93 Resp: 58913

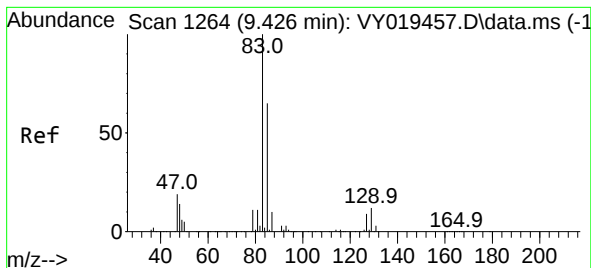
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 91.7 80.9 121.3





#47

Bromodichloromethane

Concen: 22.108 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

ClientSampleId :

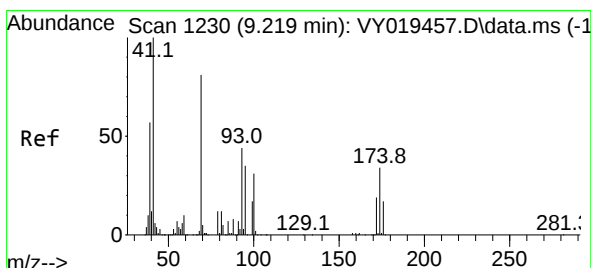
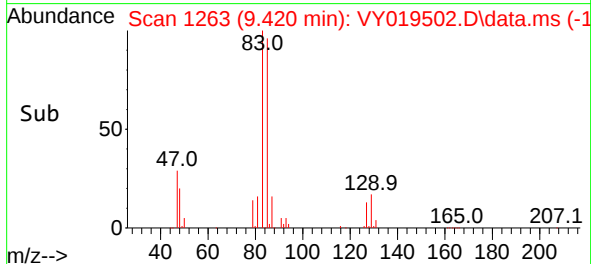
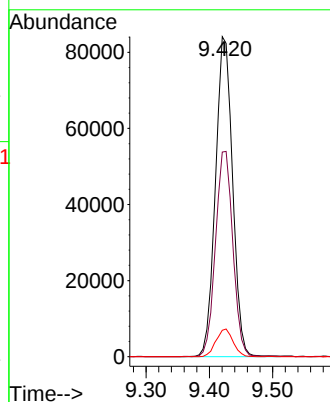
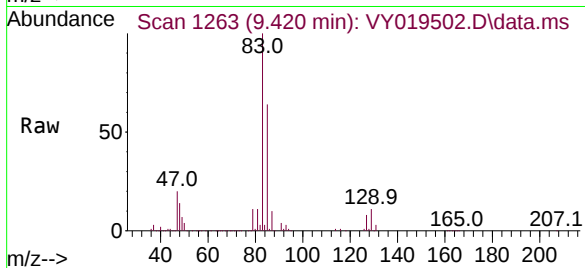
Tgt Ion: 83 Resp: 157797

Ion Ratio Lower Upper

83 100

85 63.9 50.1 75.1

127 8.3 7.4 11.0



#48

Methyl methacrylate

Concen: 20.378 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

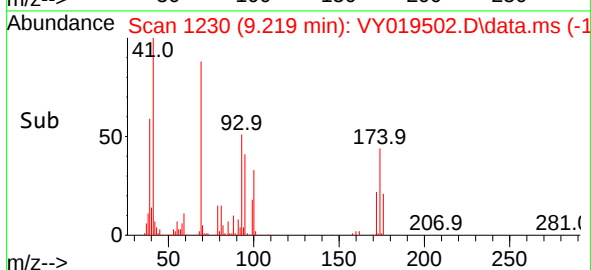
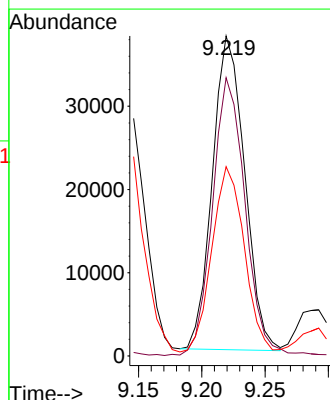
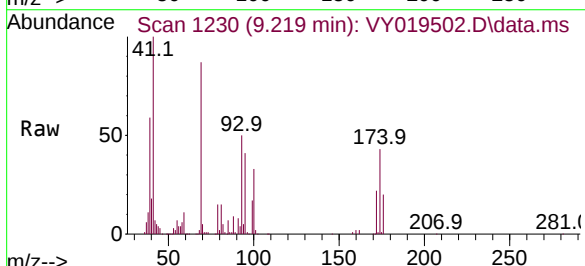
Tgt Ion: 41 Resp: 66796

Ion Ratio Lower Upper

41 100

69 89.7 84.1 126.1

39 61.1 43.6 65.4





#49

1,4-Dioxane

Concen: 439.218 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

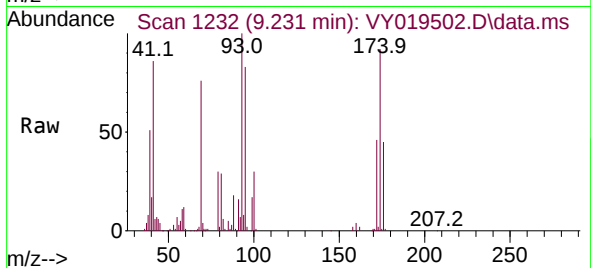
Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

ClientSampleId :



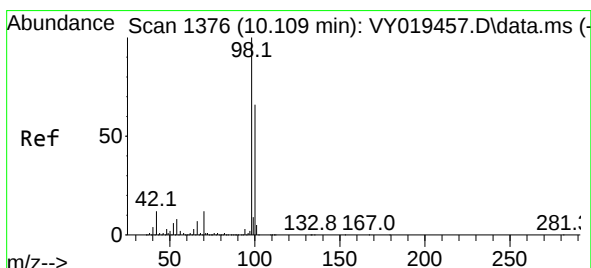
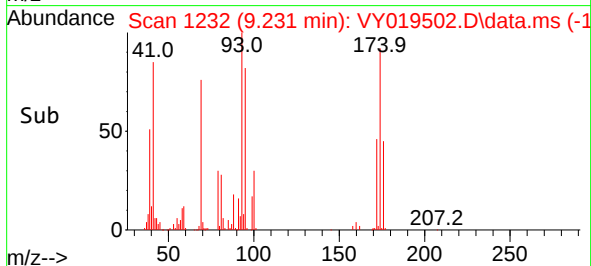
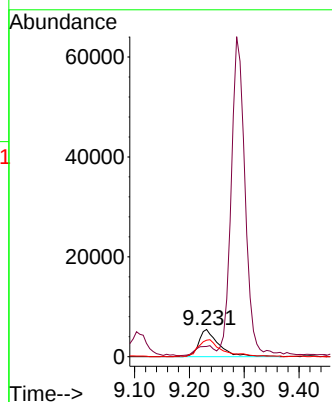
Tgt Ion: 88 Resp: 13729

Ion Ratio Lower Upper

88 100

43 32.0 0.0 0.0#

58 75.1 49.3 73.9#



#50

Toluene-d8

Concen: 53.902 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019502.D

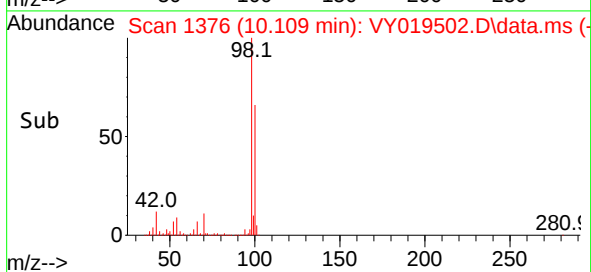
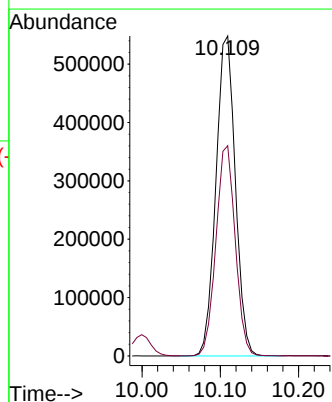
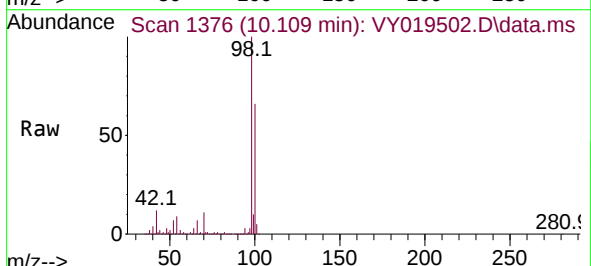
Acq: 11 Sep 2024 11:04

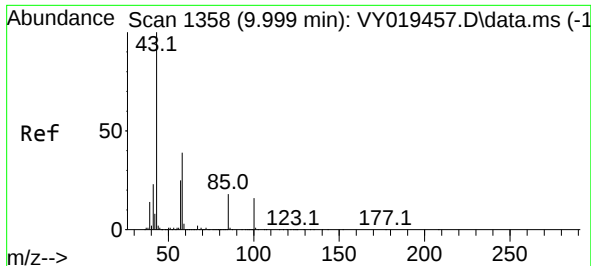
Tgt Ion: 98 Resp: 944793

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 109.973 ug/l

RT: 10.000 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

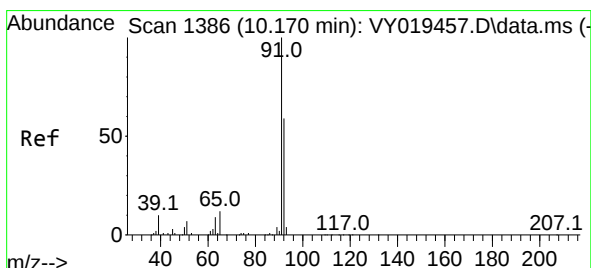
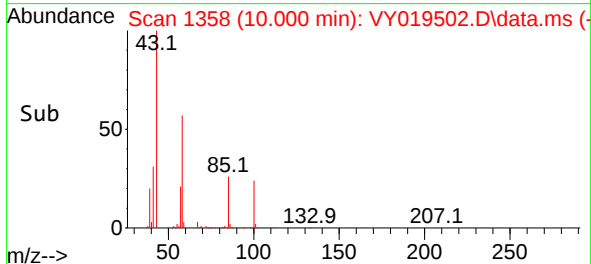
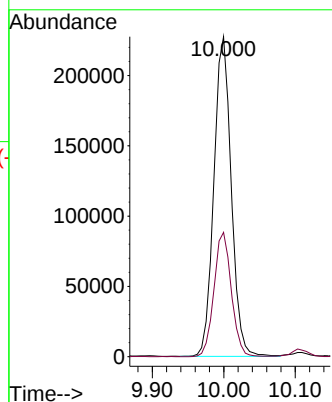
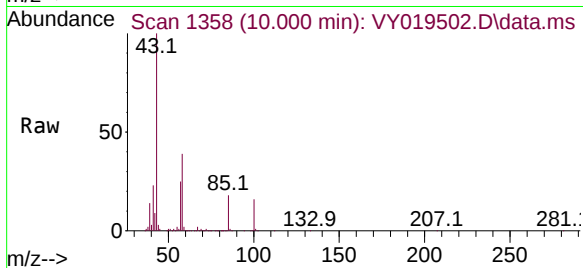
ClientSampleId :

Tgt Ion: 43 Resp: 384035

Ion Ratio Lower Upper

43 100

58 38.9 35.7 53.5



#52

Toluene

Concen: 21.529 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019502.D

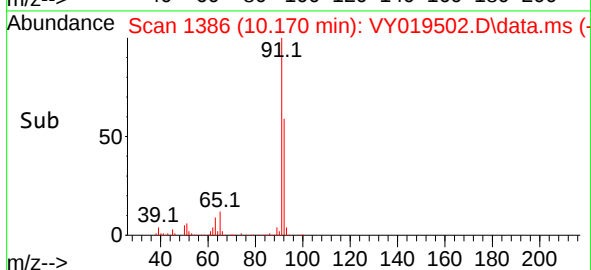
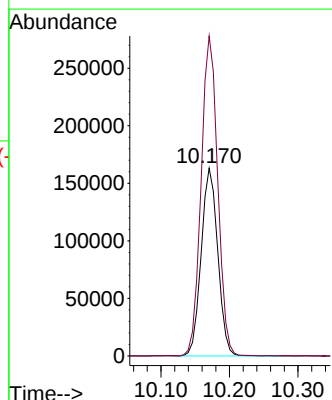
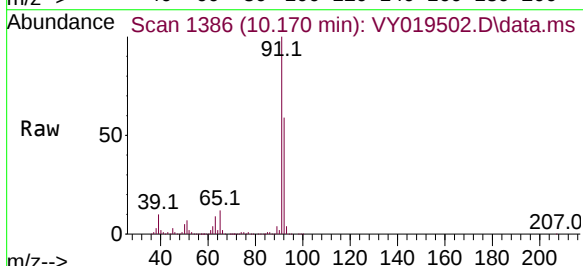
Acq: 11 Sep 2024 11:04

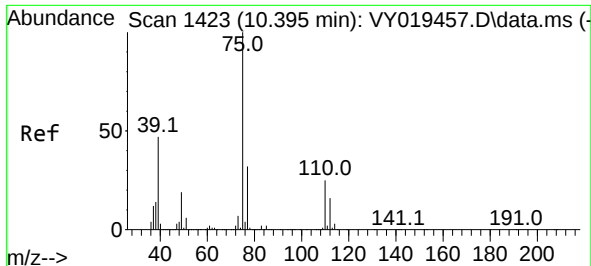
Tgt Ion: 92 Resp: 275001

Ion Ratio Lower Upper

92 100

91 170.6 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 21.718 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

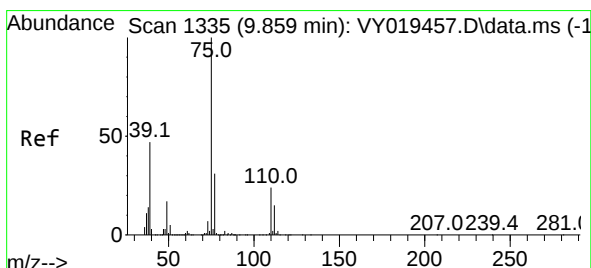
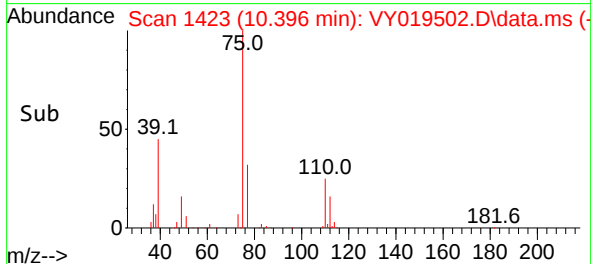
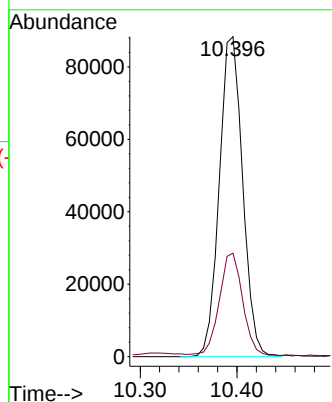
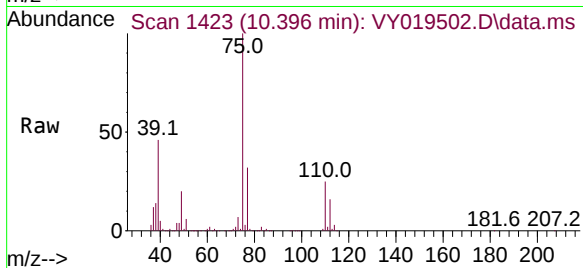
ClientSampleId :

Tgt Ion: 75 Resp: 147767

Ion Ratio Lower Upper

75 100

77 31.9 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 21.341 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

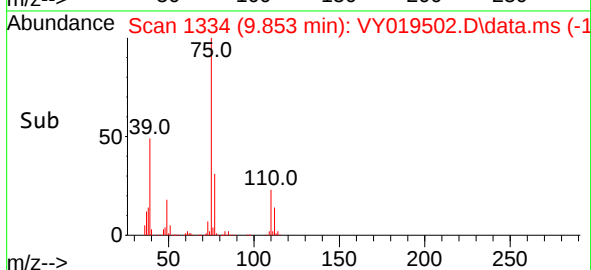
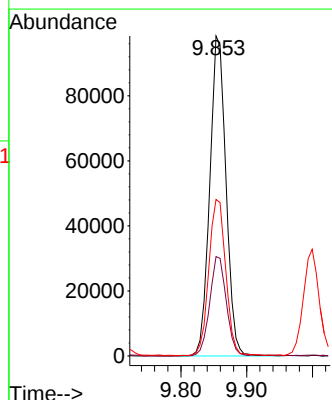
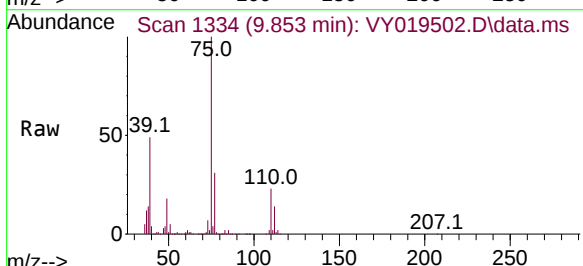
Tgt Ion: 75 Resp: 169075

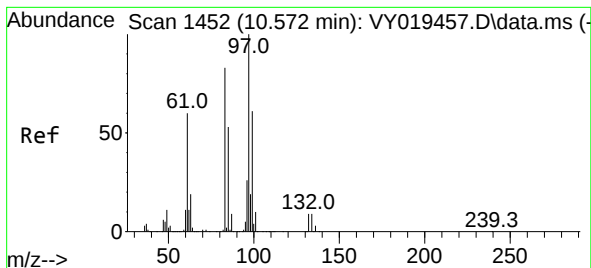
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 48.7 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 21.766 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

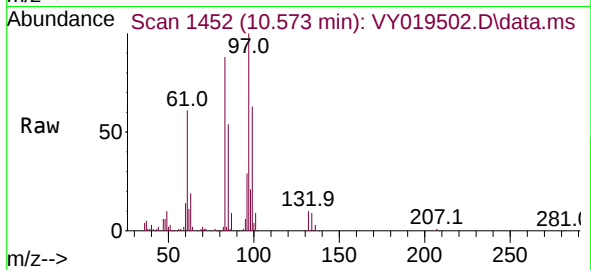
Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

ClientSampleId :



Tgt Ion: 97 Resp: 79809

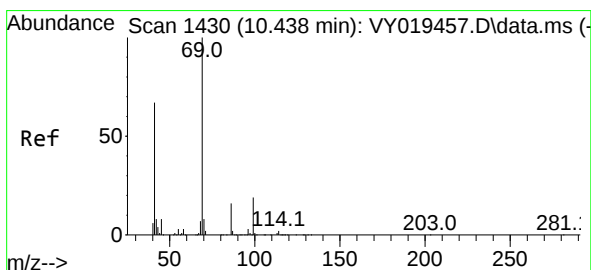
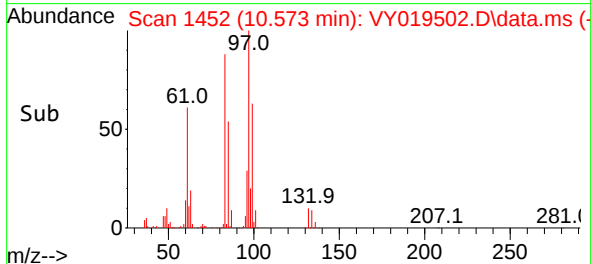
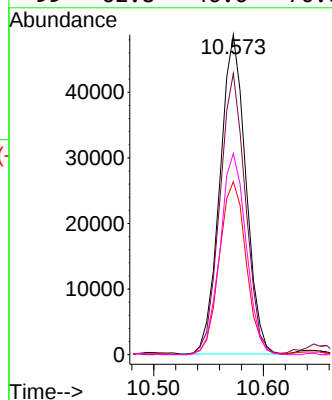
Ion Ratio Lower Upper

97 100

83 88.0 67.5 101.3

85 54.2 42.9 64.3

99 62.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 21.761 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

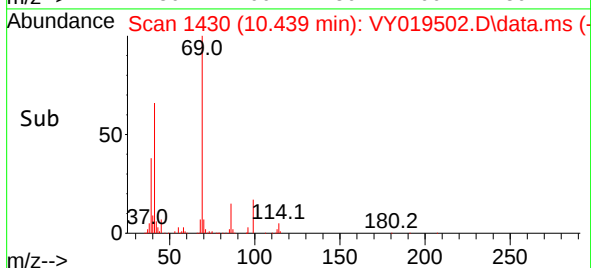
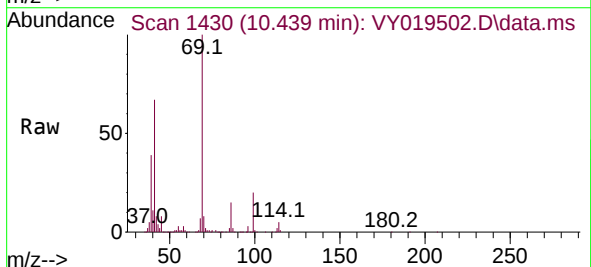
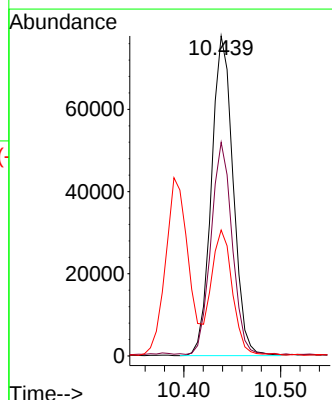
Tgt Ion: 69 Resp: 121209

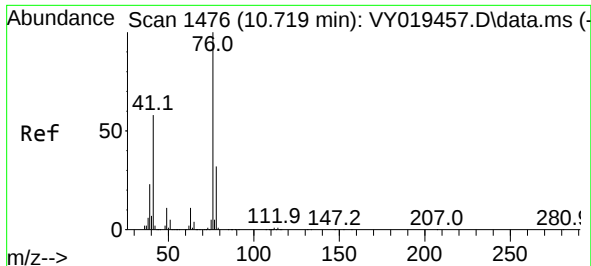
Ion Ratio Lower Upper

69 100

41 65.2 42.3 63.5#

39 37.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.903 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

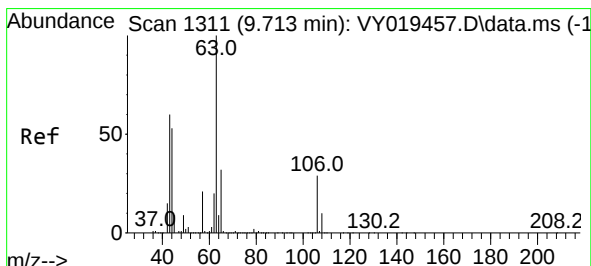
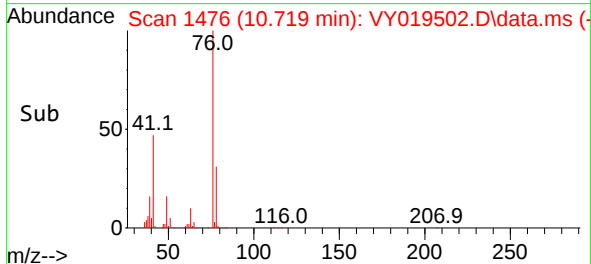
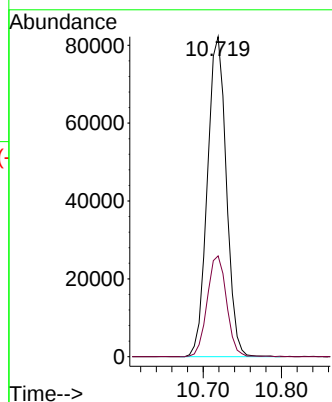
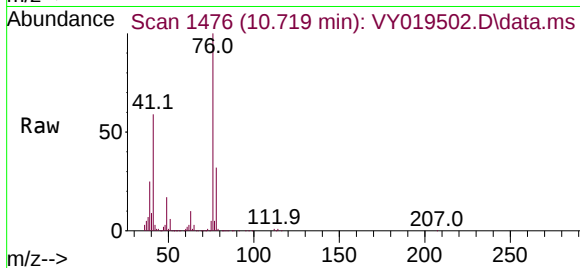
ClientSampleId :

Tgt Ion: 76 Resp: 138051

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 109.367 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019502.D

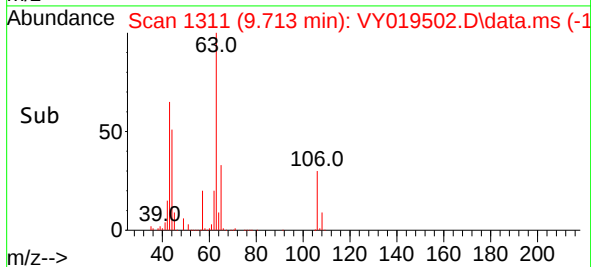
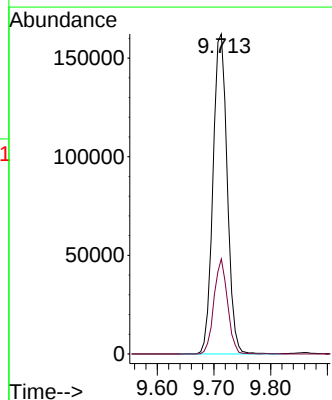
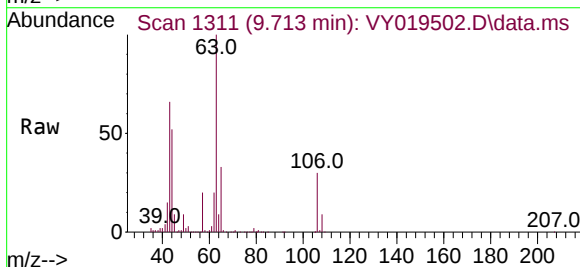
Acq: 11 Sep 2024 11:04

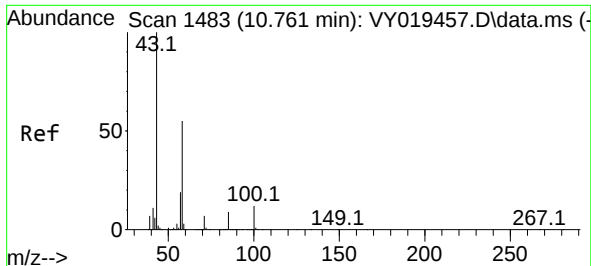
Tgt Ion: 63 Resp: 282737

Ion Ratio Lower Upper

63 100

106 28.2 23.7 35.5

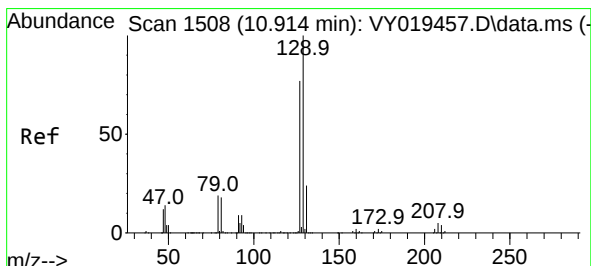
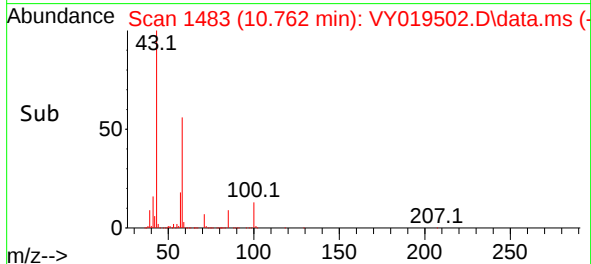
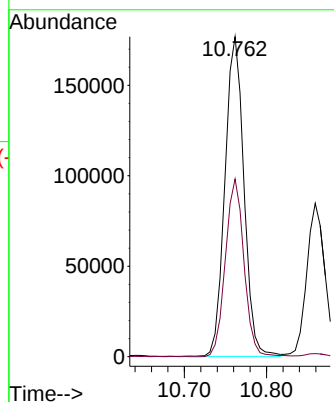
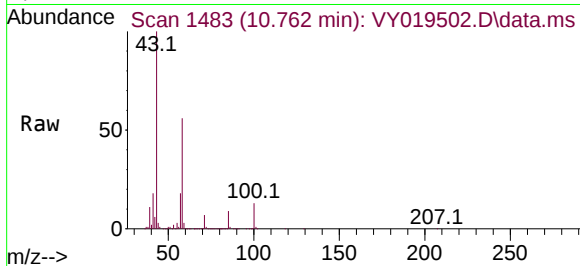




#59  
2-Hexanone  
Concen: 110.981 ug/l  
RT: 10.762 min Scan# 1483  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

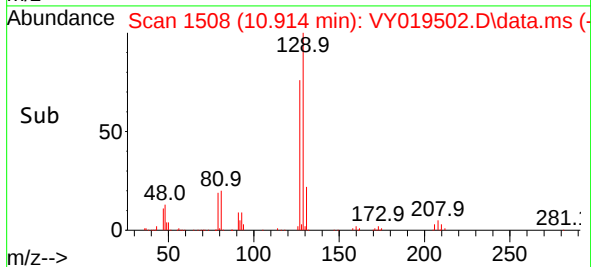
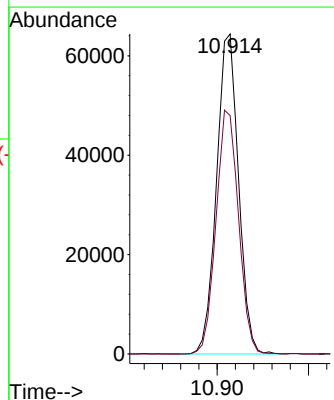
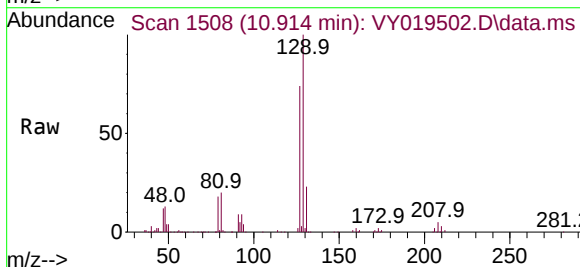
Instrument :  
MSVOA\_Y  
ClientSampleId :

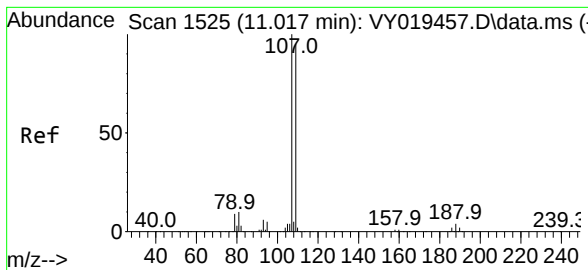
Tgt Ion: 43 Resp: 284128  
Ion Ratio Lower Upper  
43 100  
58 54.4 31.4 94.0



#60  
Dibromochloromethane  
Concen: 22.207 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 129 Resp: 107713  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.0 117.0

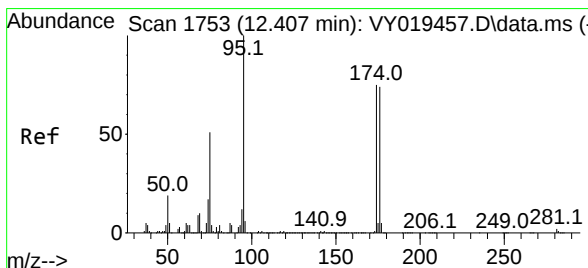
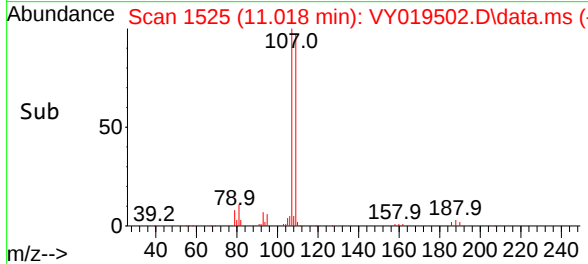
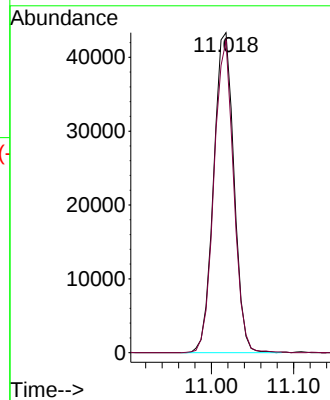
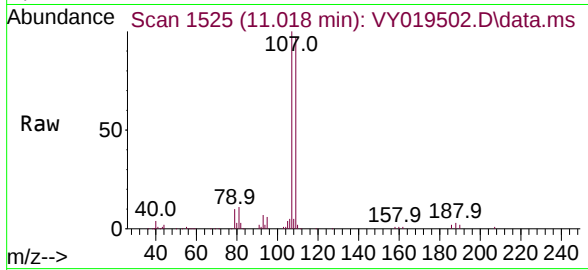




#61  
1,2-Dibromoethane  
Concen: 21.743 ug/l  
RT: 11.018 min Scan# 1107  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

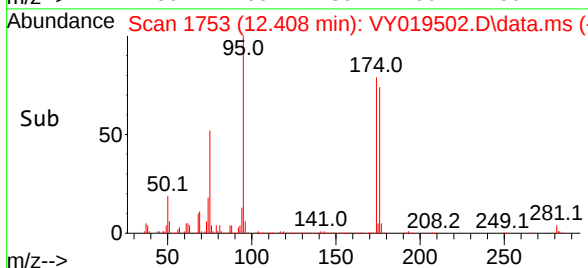
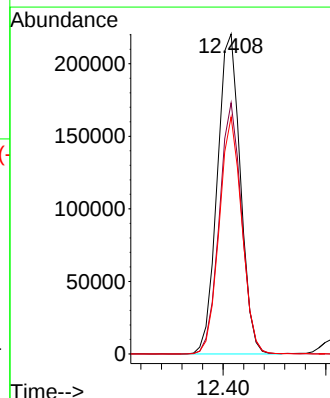
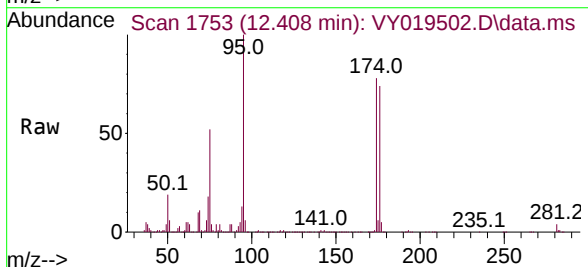
Instrument :  
MSVOA\_Y  
ClientSampleId :

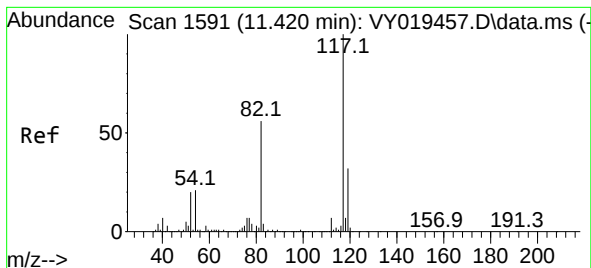
Tgt Ion:107 Resp: 74284  
Ion Ratio Lower Upper  
107 100  
109 94.8 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 50.854 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 95 Resp: 342740  
Ion Ratio Lower Upper  
95 100  
174 76.1 0.0 175.6  
176 72.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

ClientSampleId :

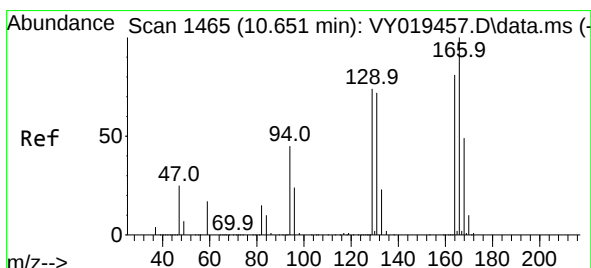
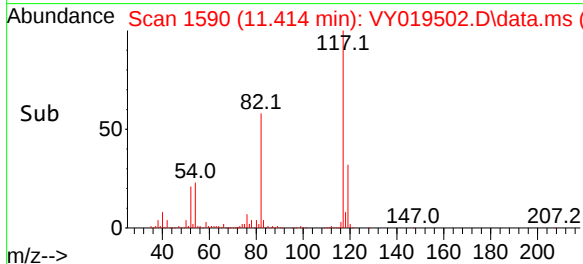
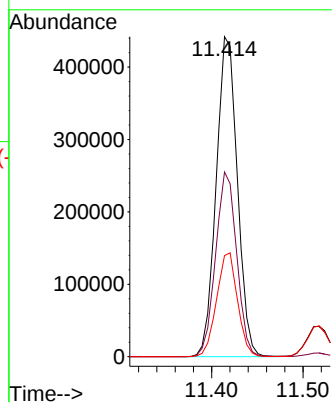
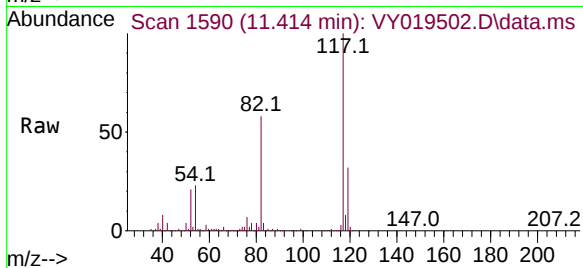
Tgt Ion:117 Resp: 712616

Ion Ratio Lower Upper

117 100

82 57.7 42.4 63.6

119 31.6 25.9 38.9



#64

Tetrachloroethene

Concen: 20.617 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Tgt Ion:164 Resp: 90981

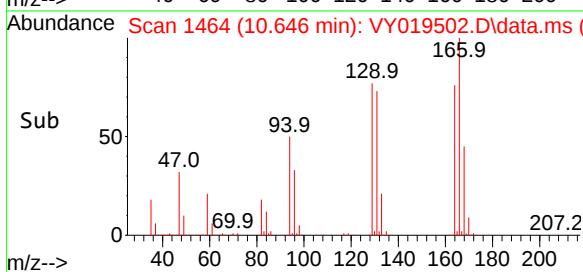
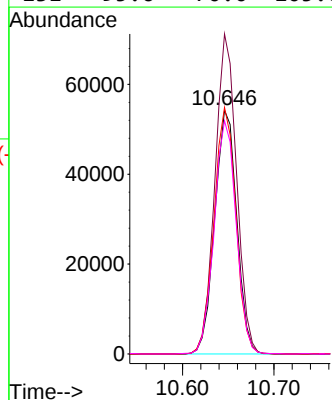
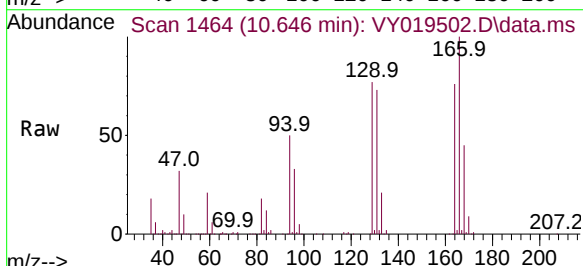
Ion Ratio Lower Upper

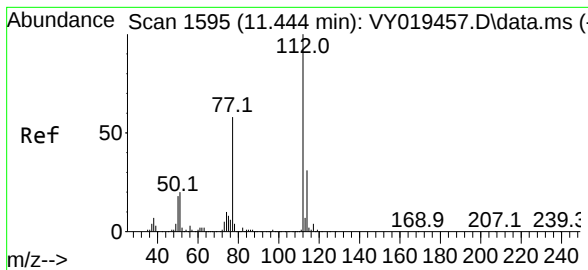
164 100

166 131.3 102.6 154.0

129 101.2 72.0 108.0

131 95.6 70.0 105.0

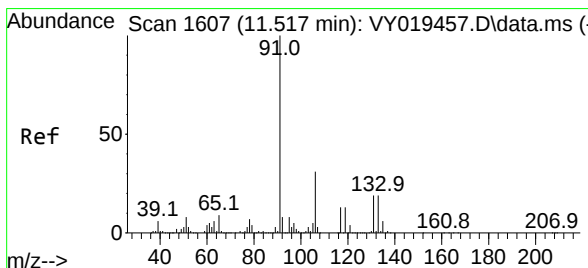
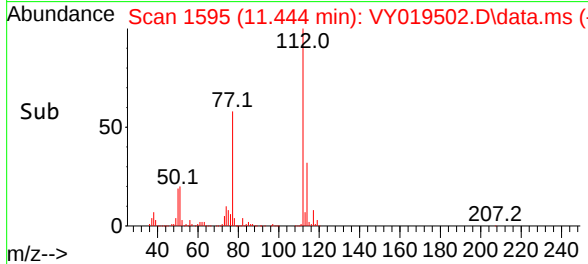
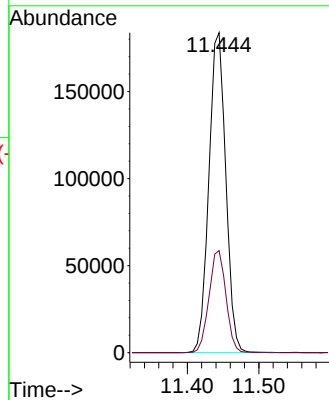
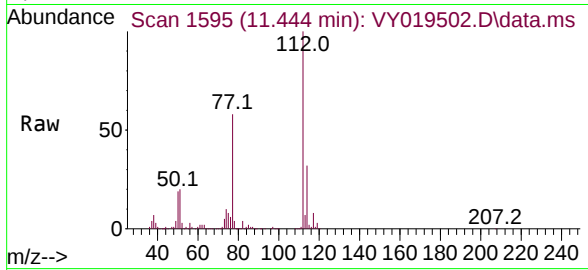




#65  
Chlorobenzene  
Concen: 21.513 ug/l  
RT: 11.444 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

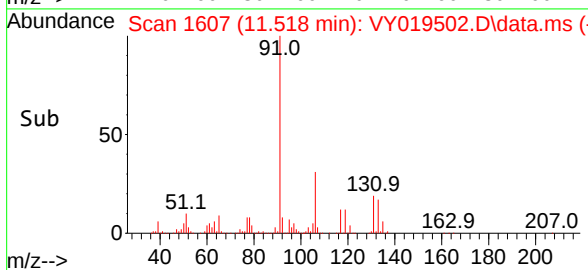
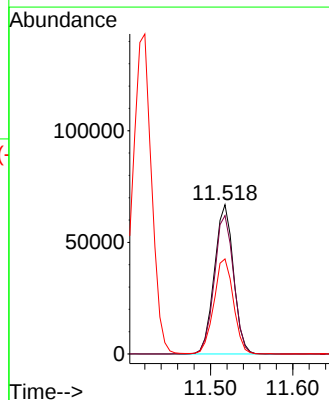
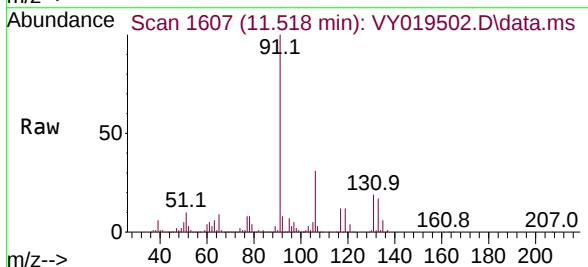
Instrument :  
MSVOA\_Y  
ClientSampleId :

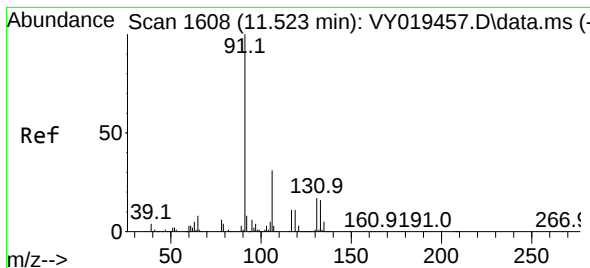
Tgt Ion:112 Resp: 301561  
Ion Ratio Lower Upper  
112 100  
114 31.9 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.214 ug/l  
RT: 11.518 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion:131 Resp: 107814  
Ion Ratio Lower Upper  
131 100  
133 94.1 47.8 143.3  
119 65.2 34.1 102.2





#67

Ethyl Benzene

Concen: 21.553 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

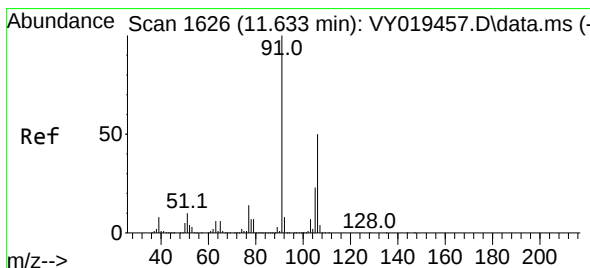
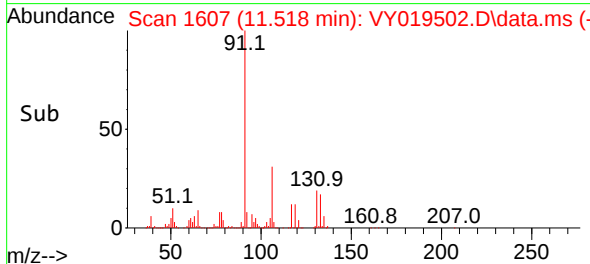
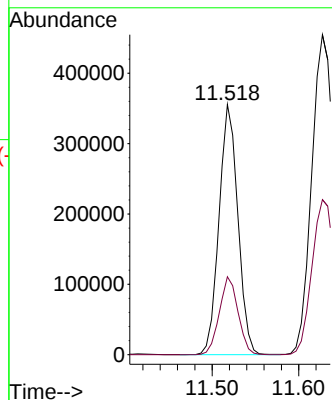
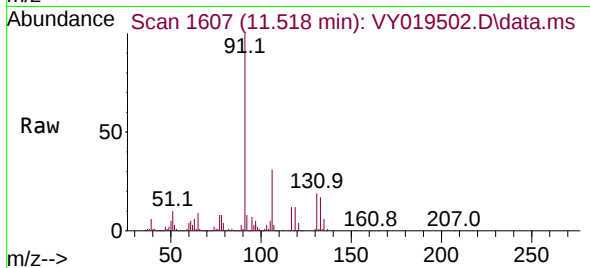
ClientSampleId :

Tgt Ion: 91 Resp: 536813

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 43.510 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019502.D

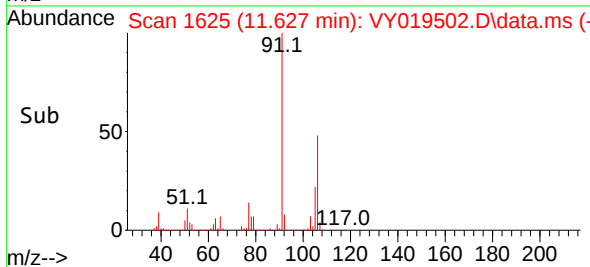
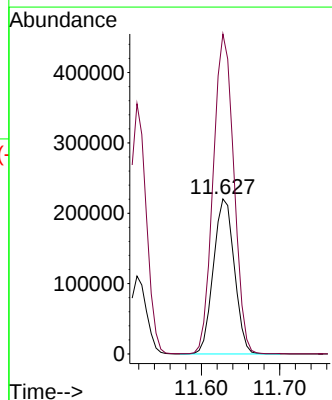
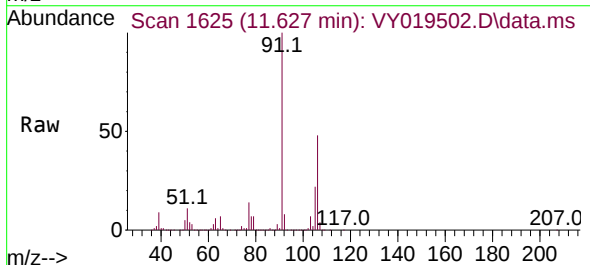
Acq: 11 Sep 2024 11:04

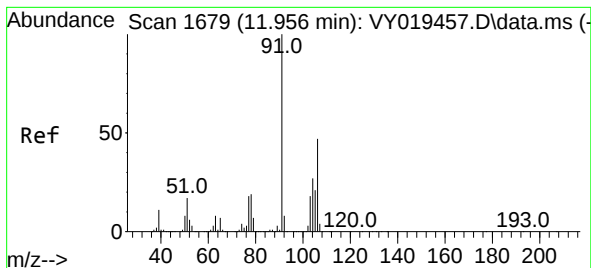
Tgt Ion:106 Resp: 409770

Ion Ratio Lower Upper

106 100

91 203.8 156.0 234.0

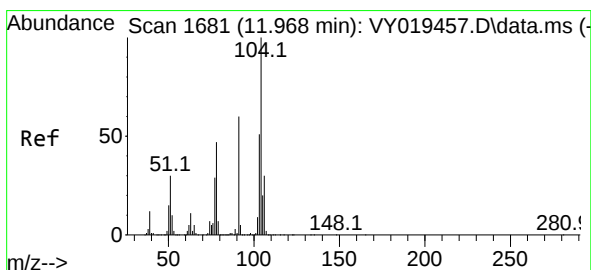
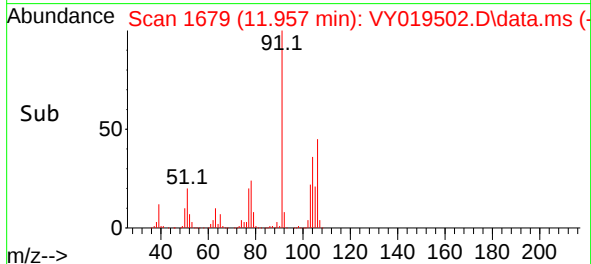
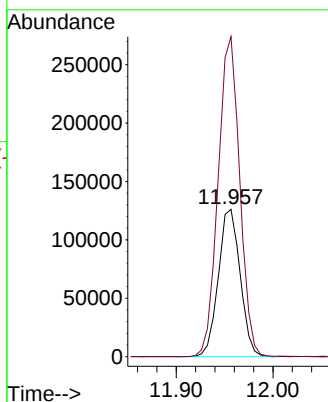
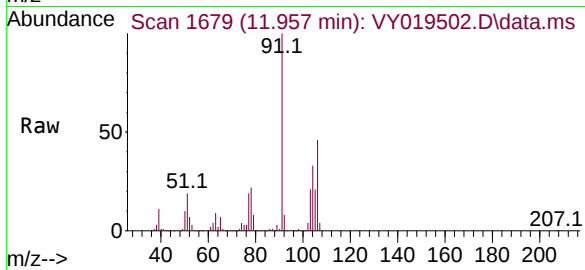




#69  
o-Xylene  
Concen: 21.444 ug/l  
RT: 11.957 min Scan# 1679  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

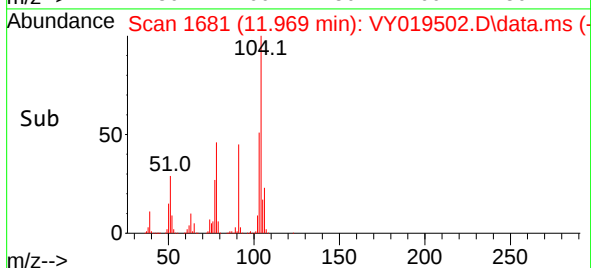
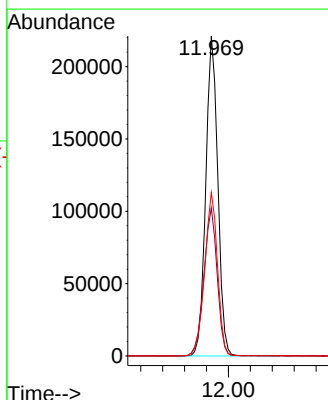
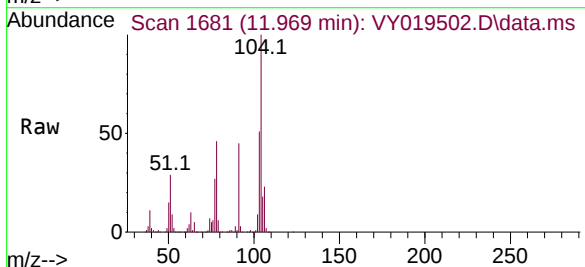
Instrument :  
MSVOA\_Y  
ClientSampleId :

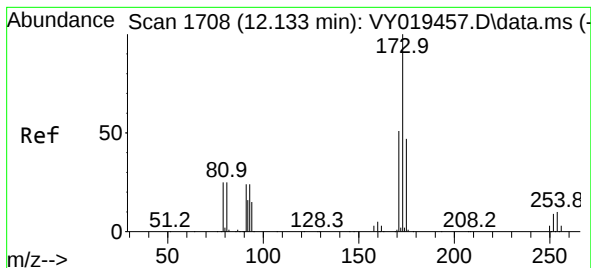
Tgt Ion:106 Resp: 197504  
Ion Ratio Lower Upper  
106 100  
91 215.0 103.6 310.8



#70  
Styrene  
Concen: 21.629 ug/l  
RT: 11.969 min Scan# 1681  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion:104 Resp: 336349  
Ion Ratio Lower Upper  
104 100  
78 51.0 37.0 55.4  
103 54.4 44.2 66.2





#71

Bromoform

Concen: 21.857 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

ClientSampleId :

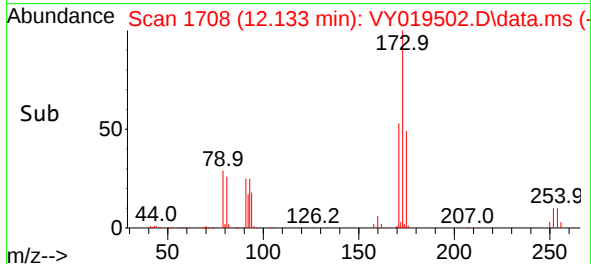
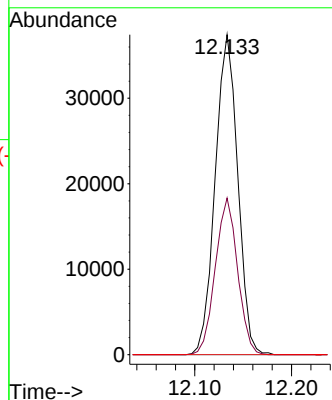
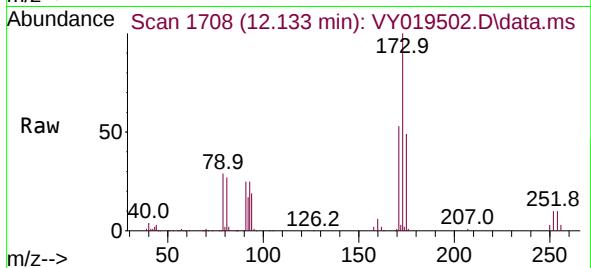
Tgt Ion:173 Resp: 60589

Ion Ratio Lower Upper

173 100

175 48.4 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

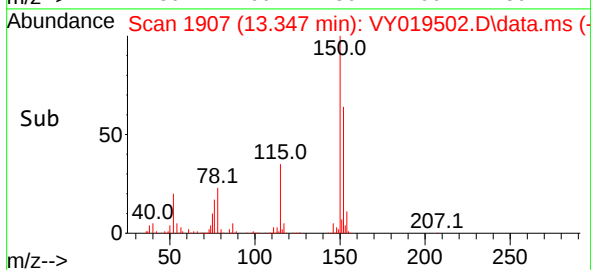
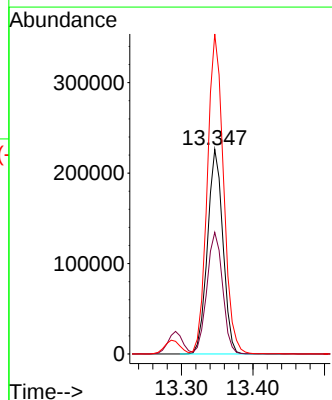
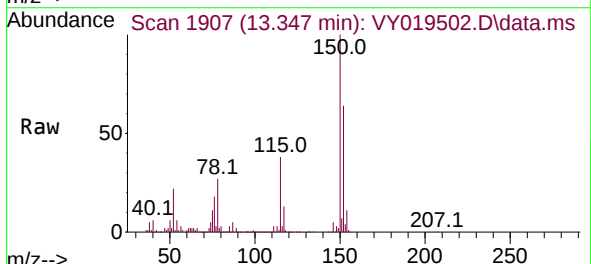
Tgt Ion:152 Resp: 338611

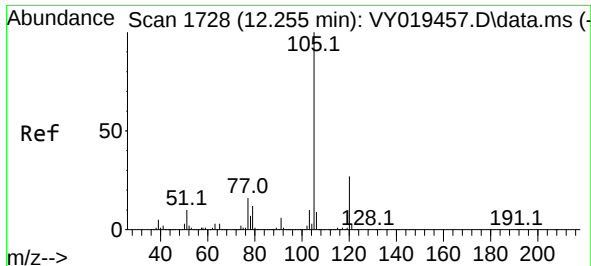
Ion Ratio Lower Upper

152 100

115 60.3 28.2 84.7

150 164.6 0.0 345.6

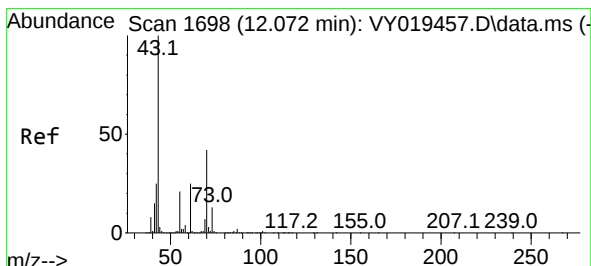
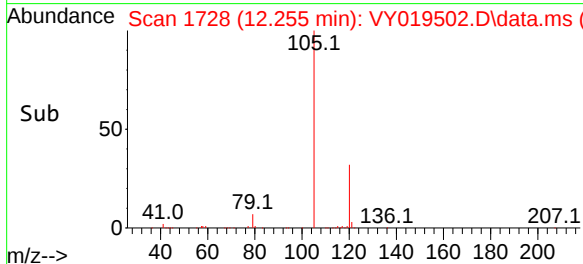
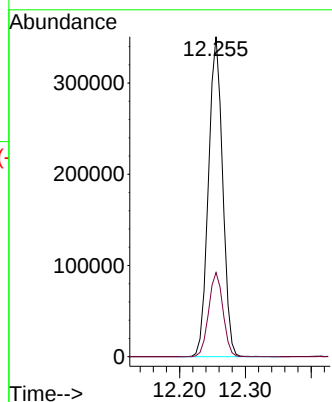
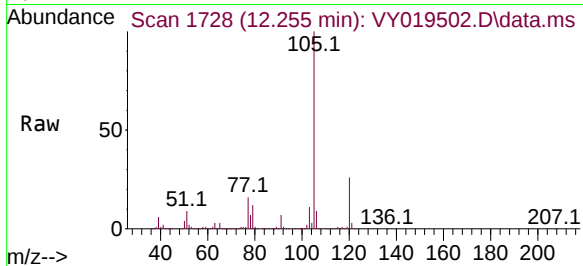




#73  
Isopropylbenzene  
Concen: 21.409 ug/l  
RT: 12.255 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

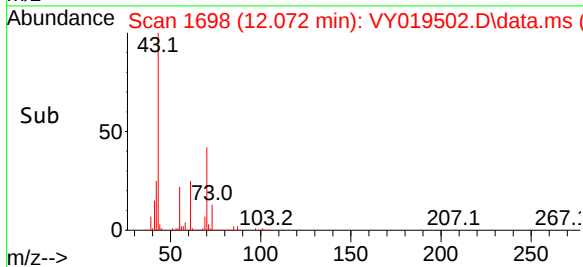
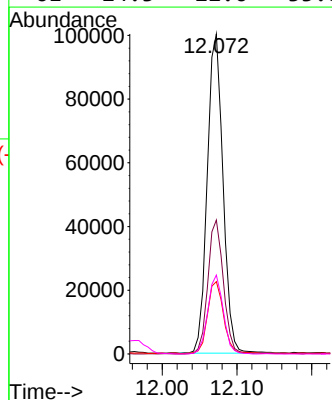
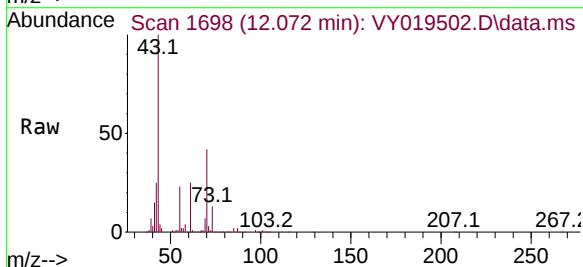
Instrument :  
MSVOA\_Y  
ClientSampleId :

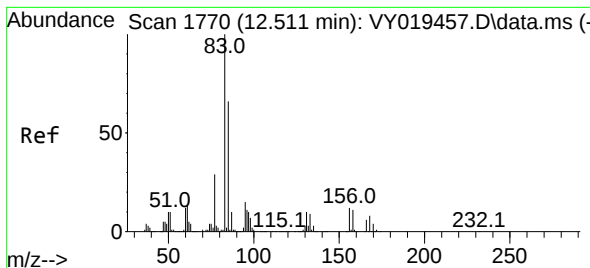
Tgt Ion:105 Resp: 525906  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.4 40.1



#74  
N-ethyl acetate  
Concen: 21.929 ug/l  
RT: 12.072 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 43 Resp: 146506  
Ion Ratio Lower Upper  
43 100  
70 41.9 41.4 62.2  
55 23.0 23.3 34.9#  
61 24.3 22.6 33.8

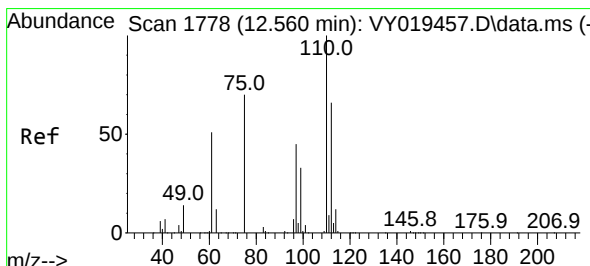
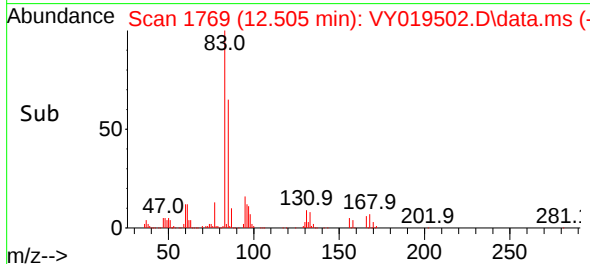
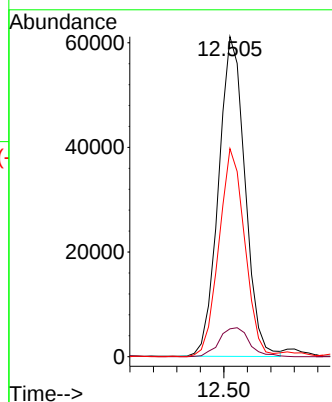
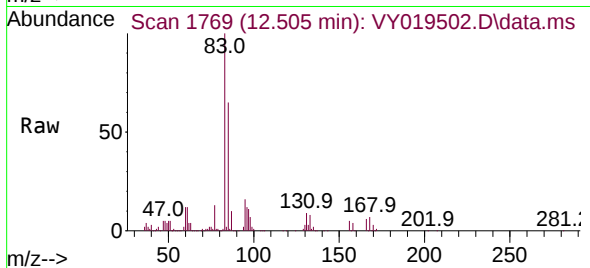




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.927 ug/l  
RT: 12.505 min Scan# 1769  
Delta R.T. -0.006 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

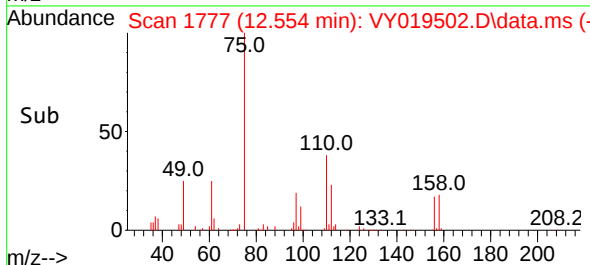
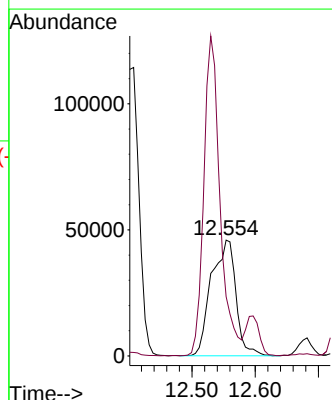
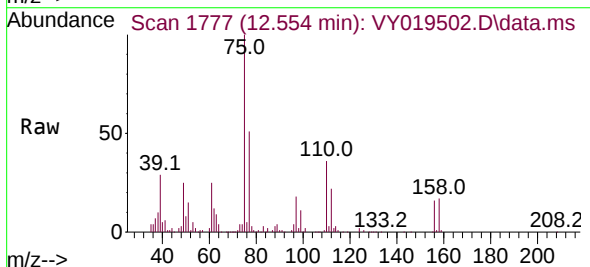
Instrument :  
MSVOA\_Y  
ClientSampleId :

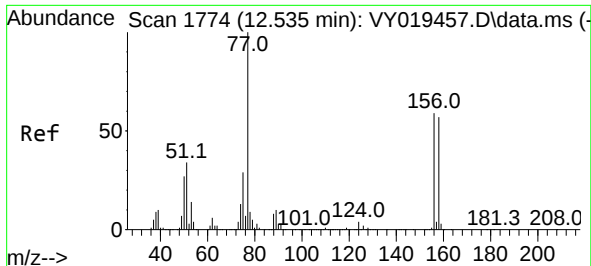
Tgt Ion: 83 Resp: 95606  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.0 14.9  
85 63.6 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 38.992 ug/l  
RT: 12.554 min Scan# 1777  
Delta R.T. -0.006 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 75 Resp: 123752  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

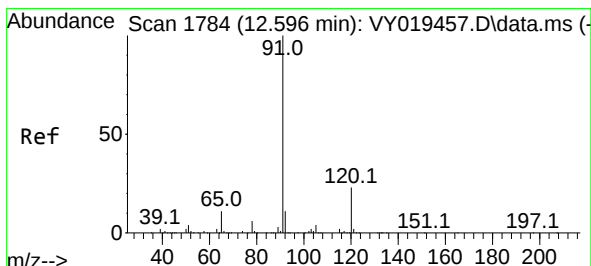
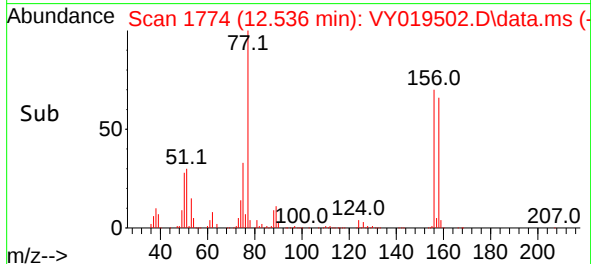
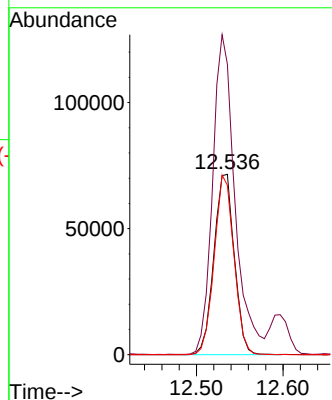
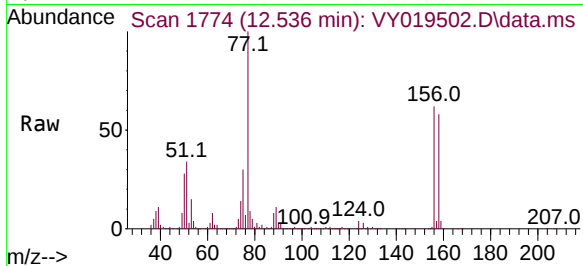




#77  
Bromobenzene  
Concen: 21.536 ug/l  
RT: 12.536 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

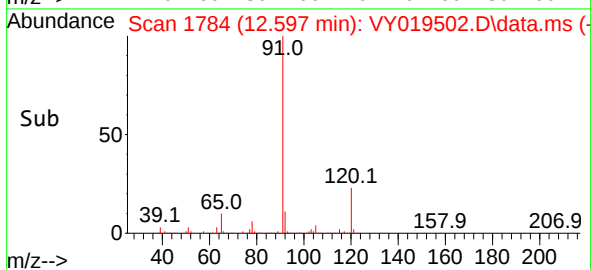
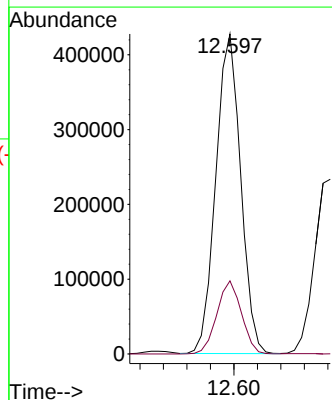
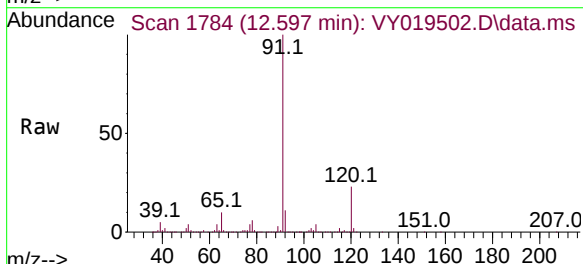
Instrument :  
MSVOA\_Y  
ClientSampleId :

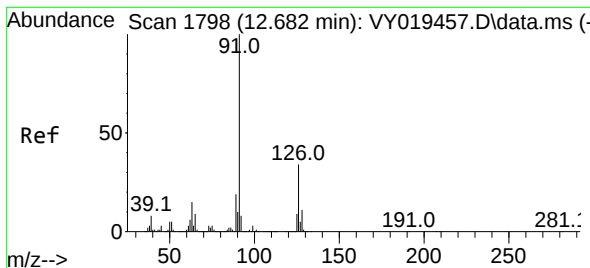
Tgt Ion:156 Resp: 117334  
Ion Ratio Lower Upper  
156 100  
77 194.1 87.1 261.3  
158 95.8 48.6 145.9



#78  
n-propylbenzene  
Concen: 21.534 ug/l  
RT: 12.597 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 91 Resp: 626990  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.385 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

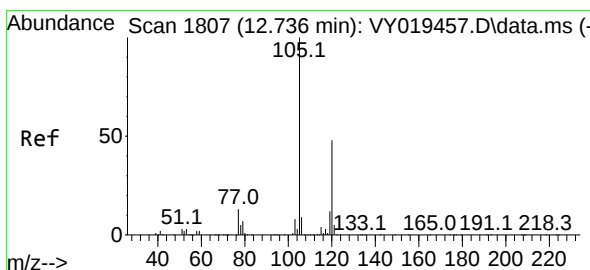
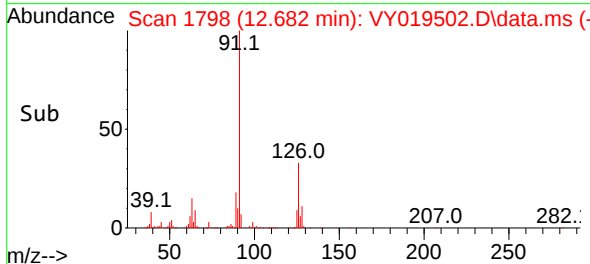
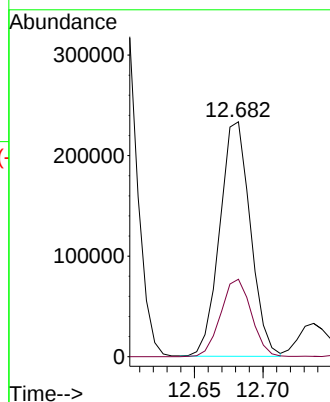
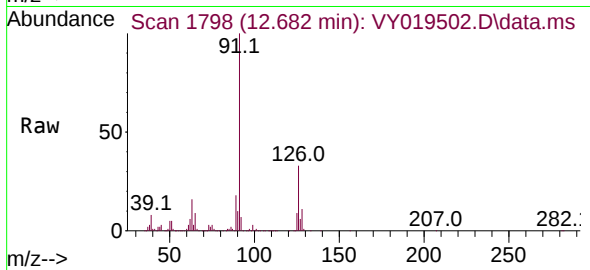
ClientSampleId :

Tgt Ion: 91 Resp: 362871

Ion Ratio Lower Upper

91 100

126 33.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 21.795 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019502.D

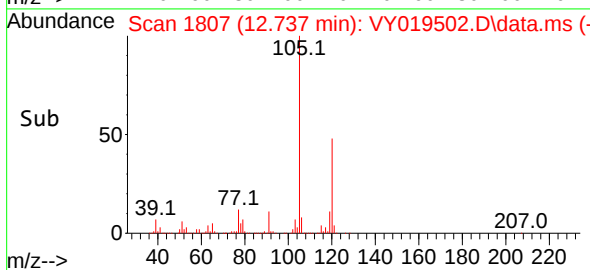
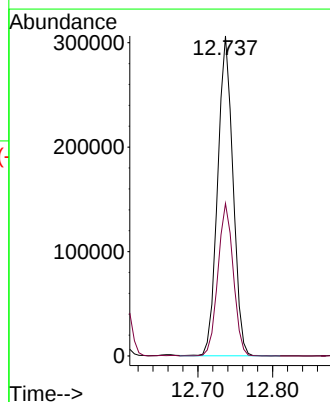
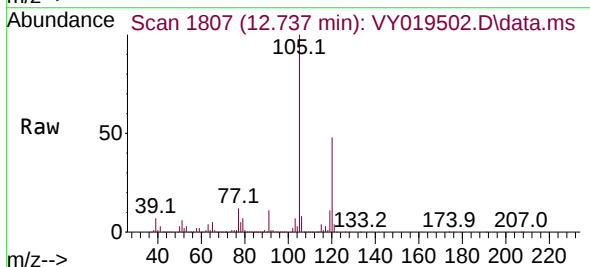
Acq: 11 Sep 2024 11:04

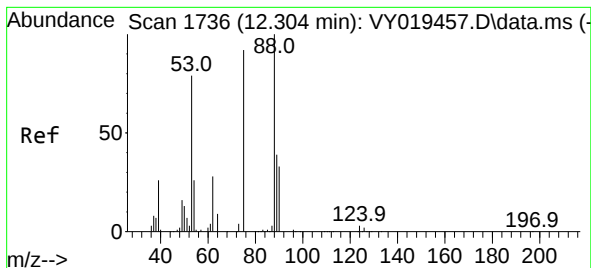
Tgt Ion: 105 Resp: 435260

Ion Ratio Lower Upper

105 100

120 47.7 25.1 75.2

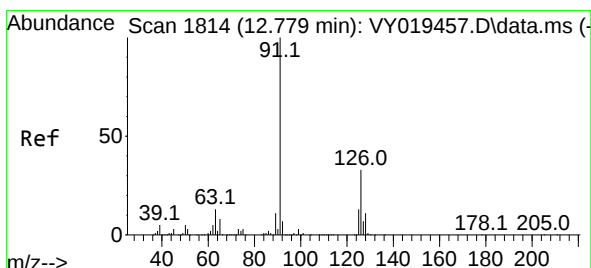
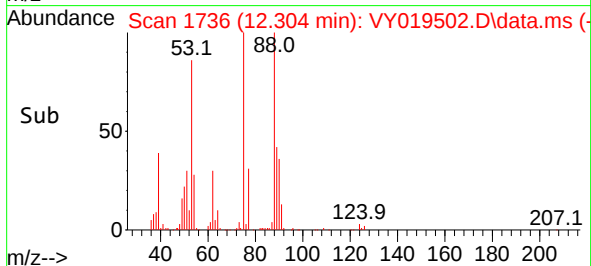
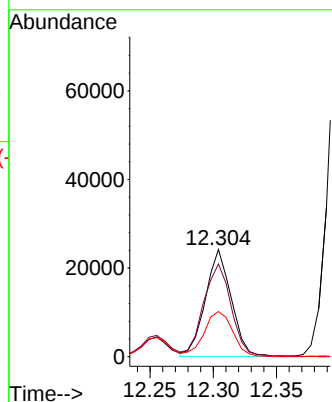
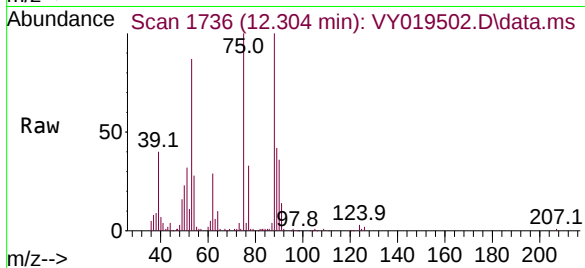




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.639 ug/l  
RT: 12.304 min Scan# 1736  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

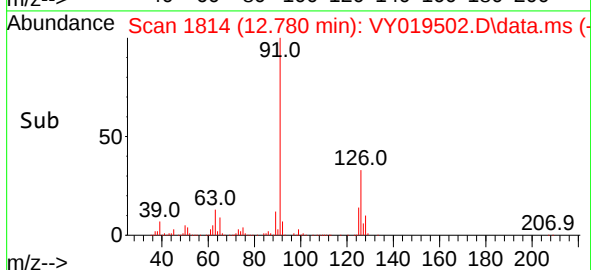
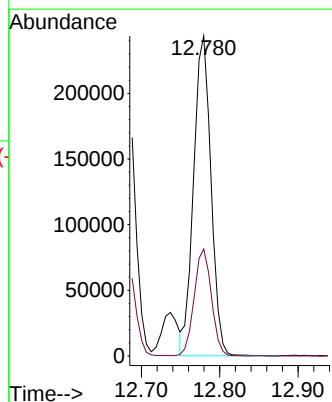
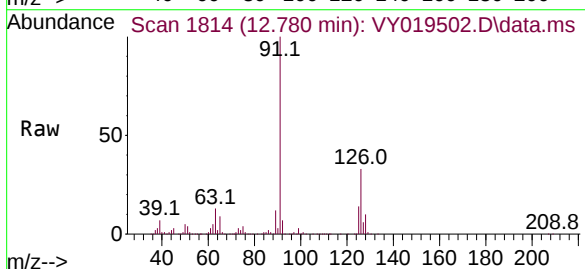
Instrument :  
MSVOA\_Y  
ClientSampleId :

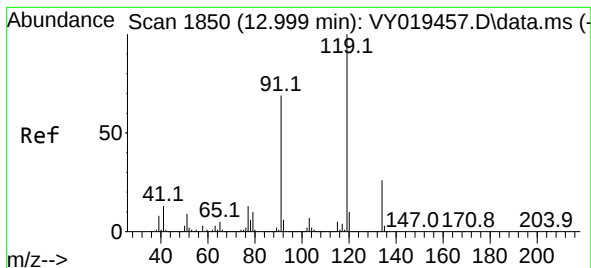
Tgt Ion: 75 Resp: 34121  
Ion Ratio Lower Upper  
75 100  
53 92.8 66.8 100.2  
89 46.9 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 21.559 ug/l  
RT: 12.780 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 91 Resp: 376098  
Ion Ratio Lower Upper  
91 100  
126 33.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.619 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

ClientSampleId :

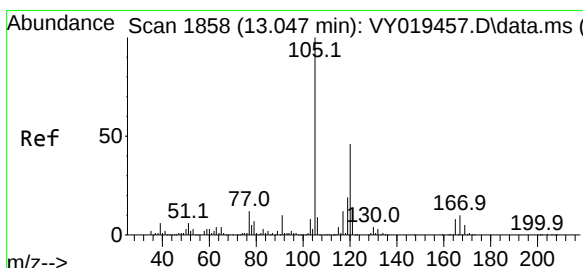
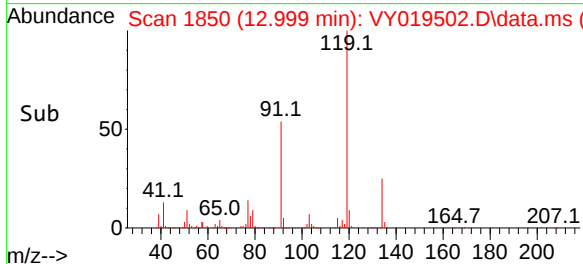
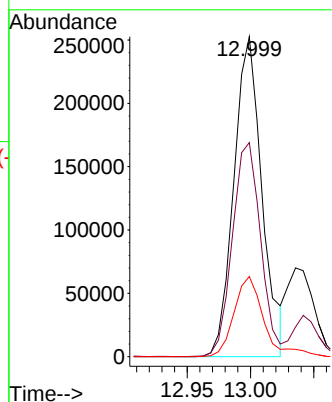
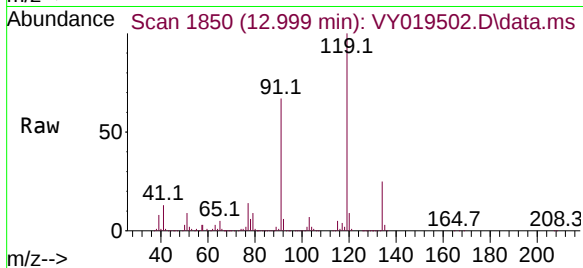
Tgt Ion:119 Resp: 390857

Ion Ratio Lower Upper

119 100

91 67.0 31.3 93.8

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.785 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019502.D

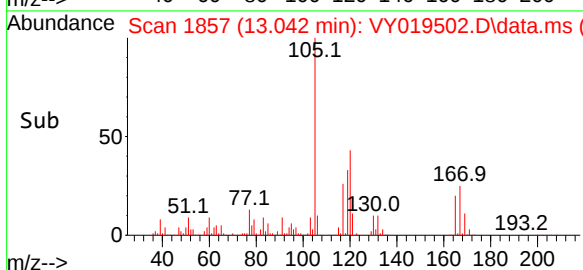
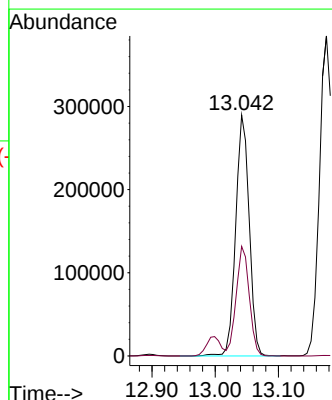
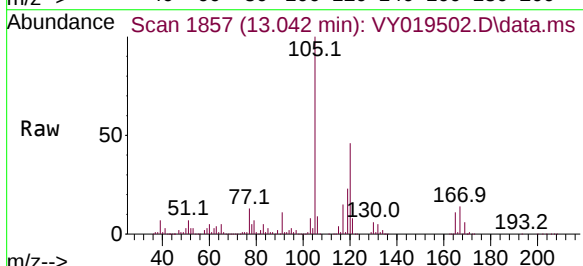
Acq: 11 Sep 2024 11:04

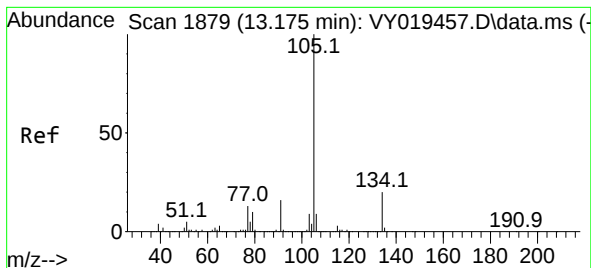
Tgt Ion:105 Resp: 430652

Ion Ratio Lower Upper

105 100

120 44.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.717 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

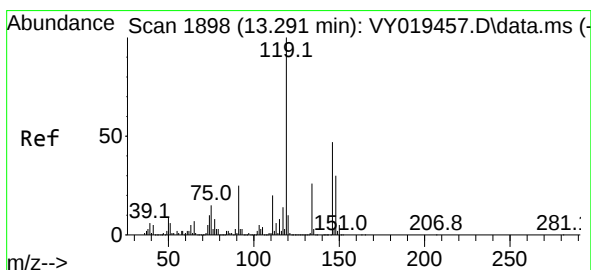
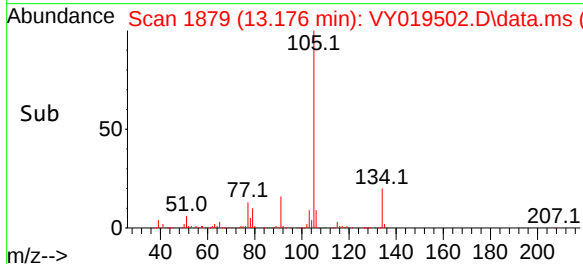
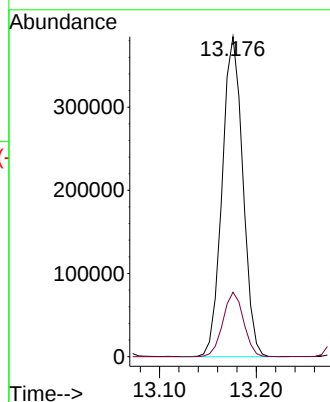
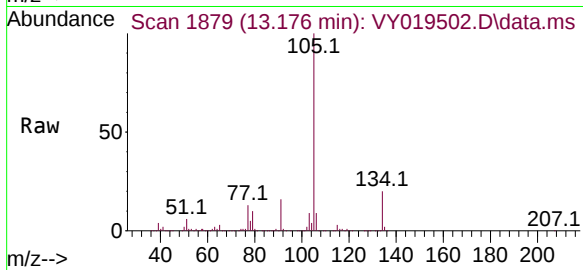
ClientSampleId :

Tgt Ion:105 Resp: 570378

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.752 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

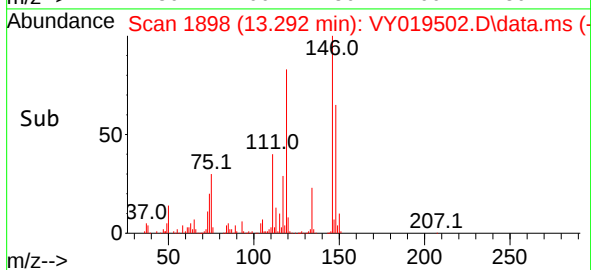
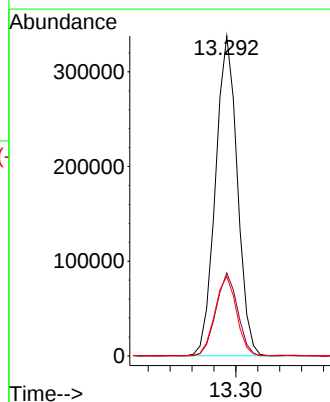
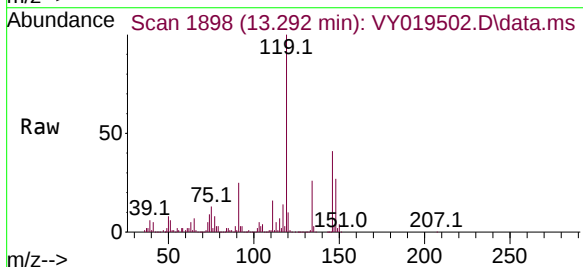
Tgt Ion:119 Resp: 467412

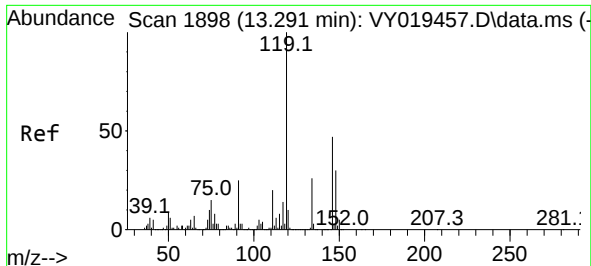
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 24.6 10.7 32.1

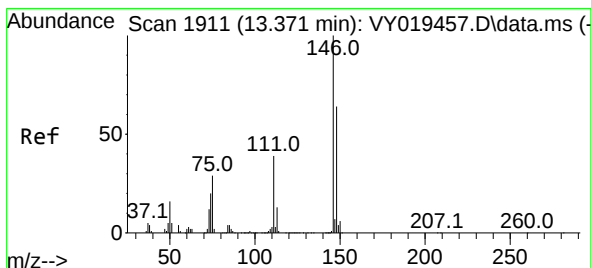
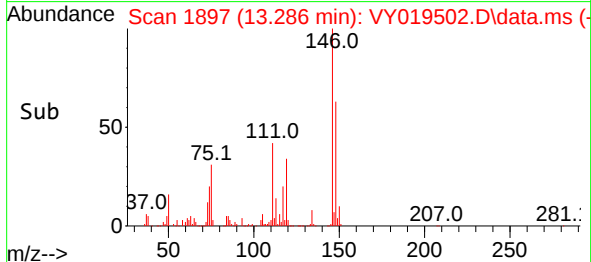
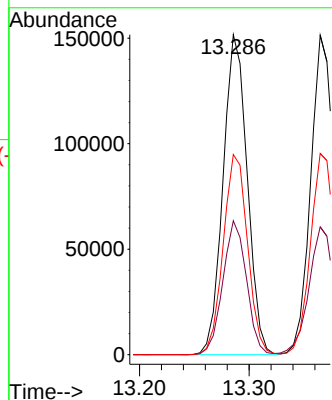
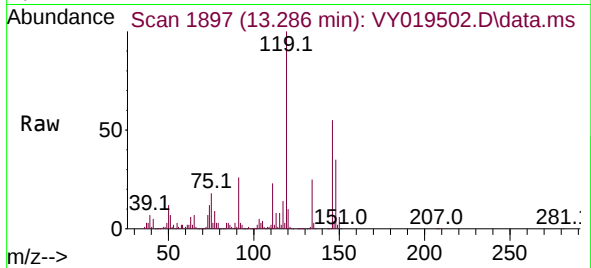




#87  
1,3-Dichlorobenzene  
Concen: 21.943 ug/l  
RT: 13.286 min Scan# 1897  
Delta R.T. -0.006 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

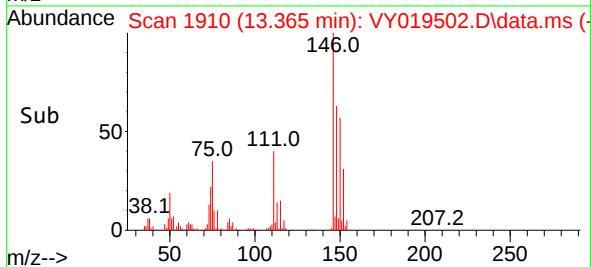
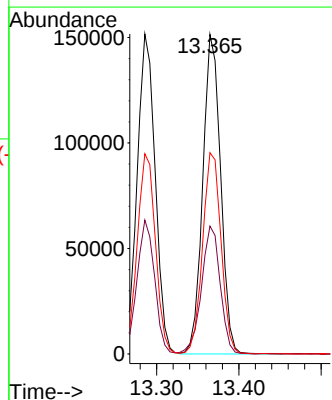
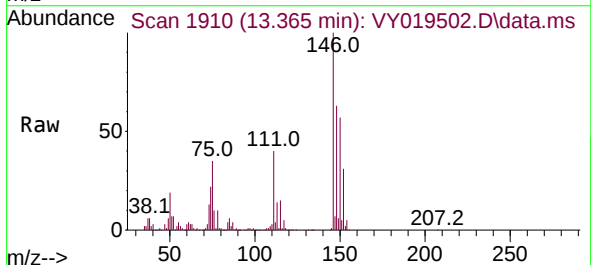
Instrument :  
MSVOA\_Y  
ClientSampleId :

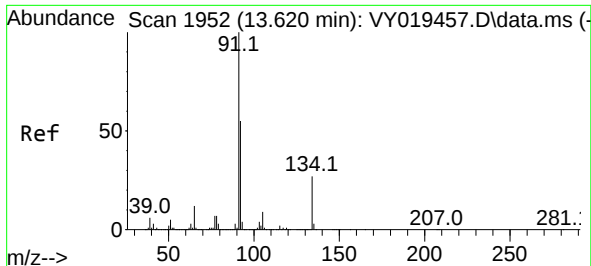
Tgt Ion:146 Resp: 232301  
Ion Ratio Lower Upper  
146 100  
111 41.0 19.0 57.0  
148 63.1 31.7 95.1



#88  
1,4-Dichlorobenzene  
Concen: 21.737 ug/l  
RT: 13.365 min Scan# 1910  
Delta R.T. -0.006 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion:146 Resp: 228373  
Ion Ratio Lower Upper  
146 100  
111 41.9 18.4 55.4  
148 65.1 32.4 97.2





#89

n-Butylbenzene

Concen: 21.652 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

ClientSampleId :

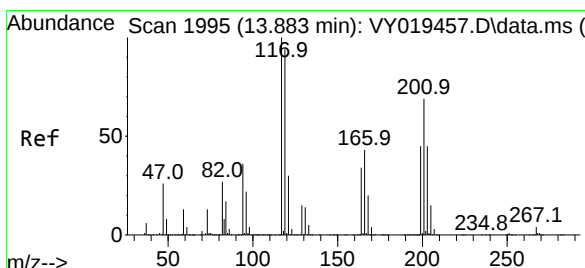
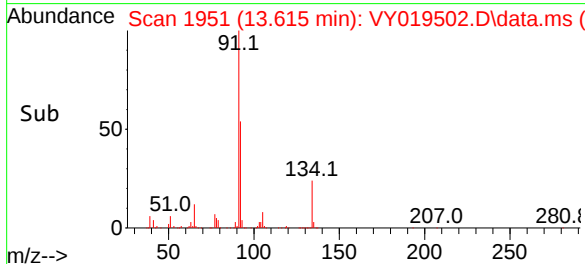
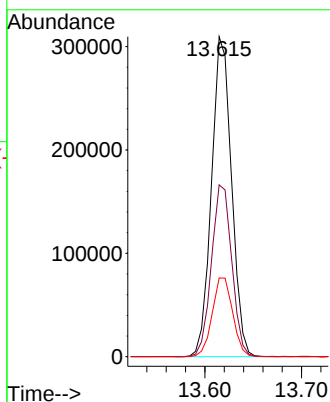
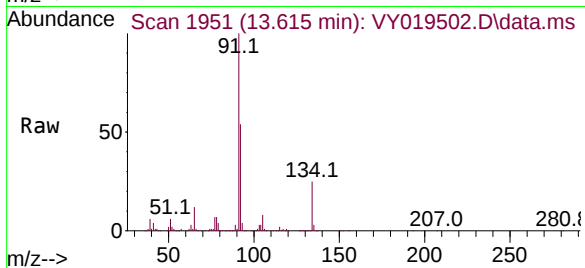
Tgt Ion: 91 Resp: 444781

Ion Ratio Lower Upper

91 100

92 54.6 26.6 79.7

134 25.3 12.9 38.7



#90

Hexachloroethane

Concen: 21.614 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019502.D

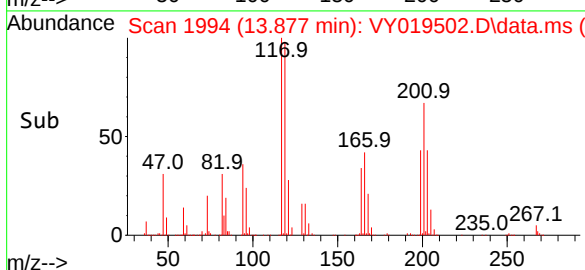
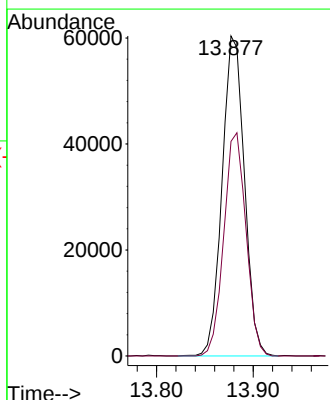
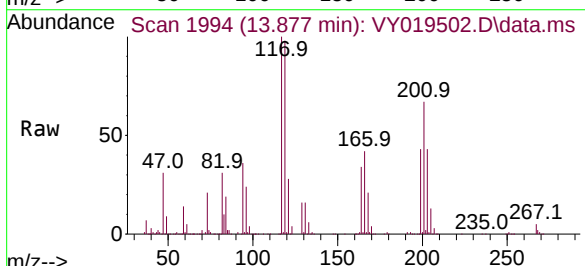
Acq: 11 Sep 2024 11:04

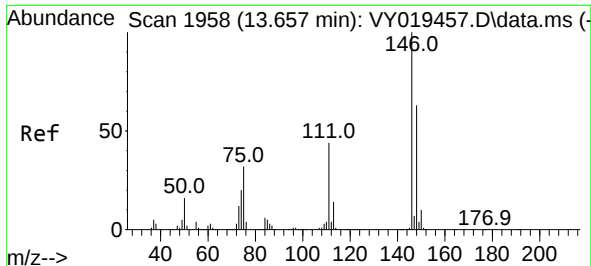
Tgt Ion: 117 Resp: 96637

Ion Ratio Lower Upper

117 100

201 69.4 37.4 112.2

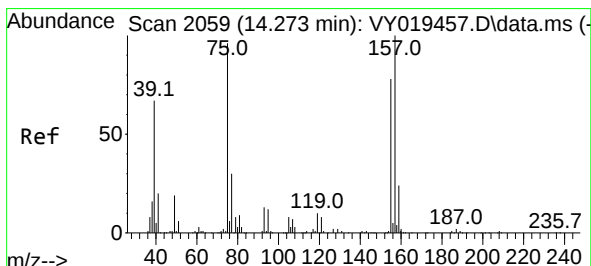
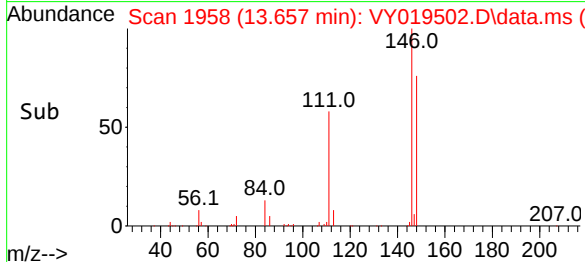
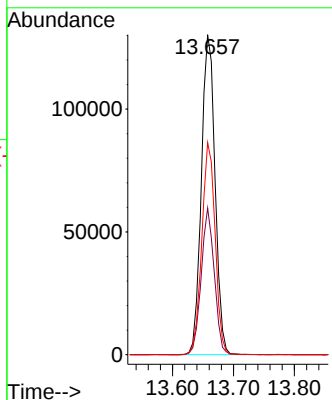
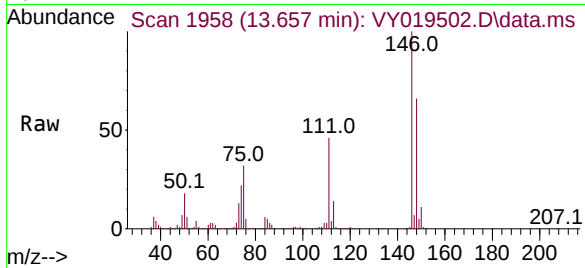




#91  
1,2-Dichlorobenzene  
Concen: 21.594 ug/l  
RT: 13.657 min Scan# 1958  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

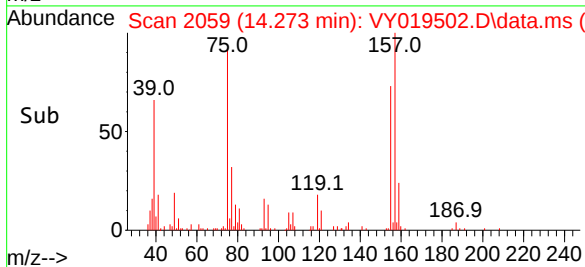
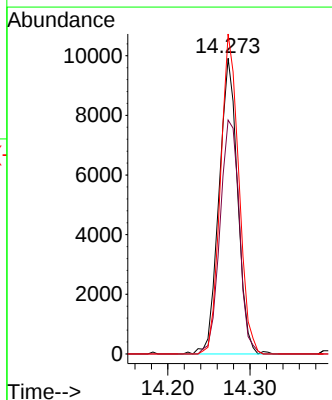
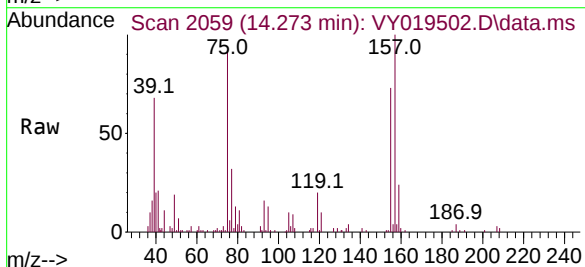
Instrument :  
MSVOA\_Y  
ClientSampleId :

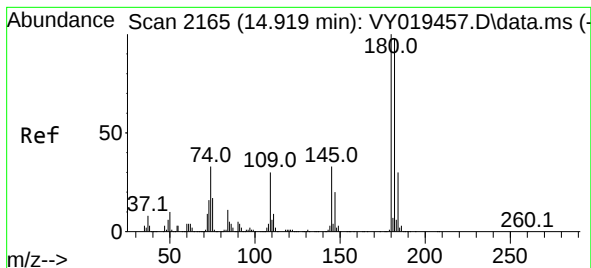
Tgt Ion:146 Resp: 203996  
Ion Ratio Lower Upper  
146 100  
111 43.8 19.9 59.7  
148 64.8 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 21.419 ug/l  
RT: 14.273 min Scan# 2059  
Delta R.T. 0.000 min  
Lab File: VY019502.D  
Acq: 11 Sep 2024 11:04

Tgt Ion: 75 Resp: 15565  
Ion Ratio Lower Upper  
75 100  
155 82.0 48.6 145.8  
157 106.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.999 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

ClientSampleId :

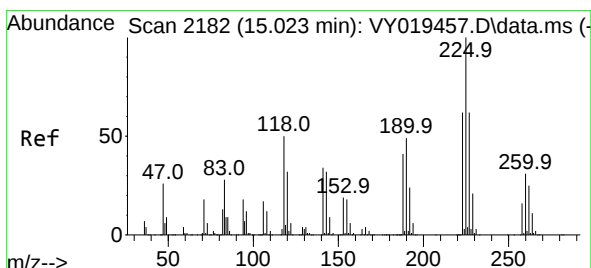
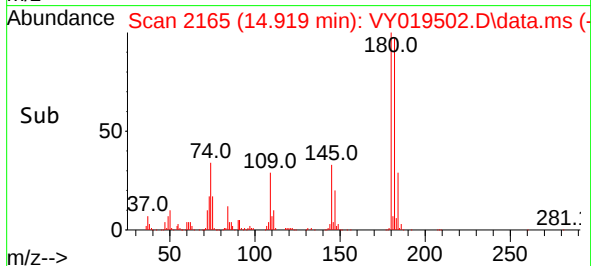
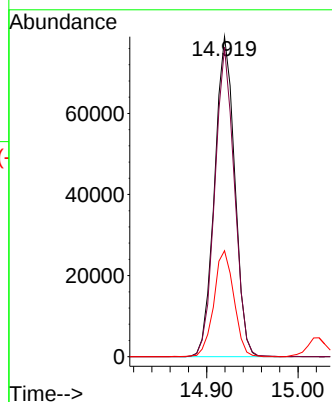
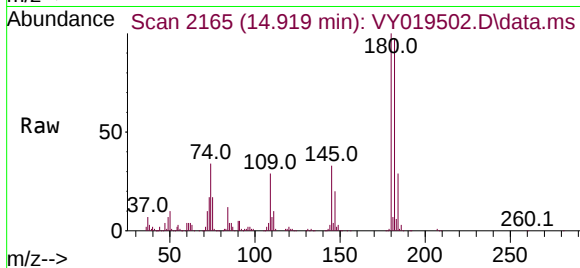
Tgt Ion:180 Resp: 120657

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.8

145 33.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.866 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

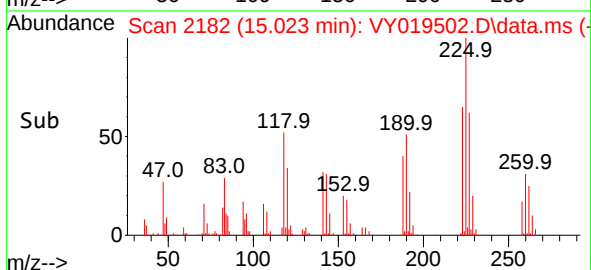
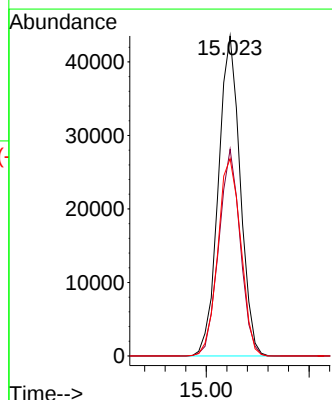
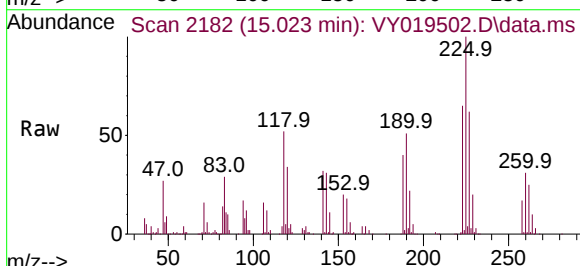
Tgt Ion:225 Resp: 64049

Ion Ratio Lower Upper

225 100

223 63.4 30.4 91.2

227 64.8 31.9 95.9





#95

Naphthalene

Concen: 20.824 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Instrument :

MSVOA\_Y

ClientSampleId :

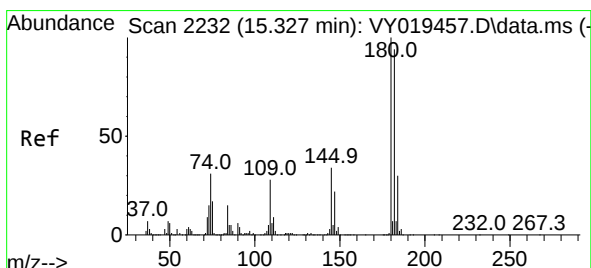
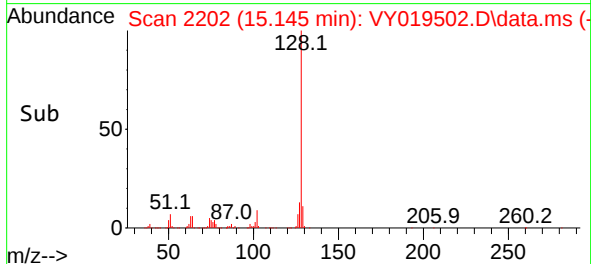
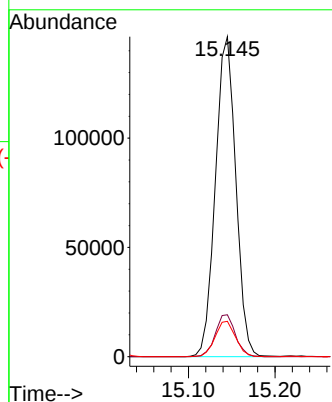
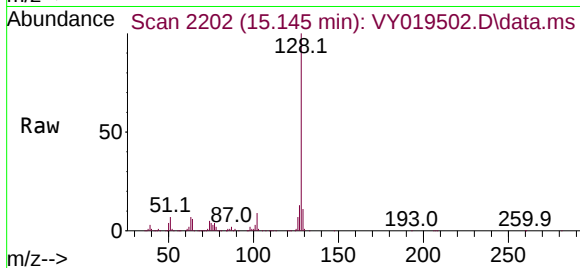
Tgt Ion:128 Resp: 239614

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.186 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019502.D

Acq: 11 Sep 2024 11:04

Tgt Ion:180 Resp: 104126

Ion Ratio Lower Upper

180 100

182 94.4 47.6 142.9

145 34.5 15.4 46.1

