

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY050824\  
 Data File : VY018199.D  
 Acq On : 08 May 2024 19:36  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: May 09 02:31:28 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050724S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 08 01:40:14 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 187005   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 313546   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 263998   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 116428   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 70168    | 51.004   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 102.000% |      |
| 35) Dibromofluoromethane    | 7.709  | 113   | 86209    | 52.317   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 104.640% |      |
| 50) Toluene-d8              | 10.178 | 98    | 332125   | 51.147   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 102.300% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 101811   | 48.551   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 97.100%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.899 | 85  | 80986  | 54.608  | ug/l   | 97  |
| 3) Chloromethane             | 2.107 | 50  | 117339 | 59.106  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.241 | 62  | 145786 | 60.579  | ug/l   | 95  |
| 5) Bromomethane              | 2.637 | 94  | 96833  | 57.939  | ug/l   | 99  |
| 6) Chloroethane              | 2.783 | 64  | 92236  | 60.392  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 160282 | 56.861  | ug/l   | 95  |
| 8) Diethyl Ether             | 3.515 | 74  | 51249  | 55.228  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 3.887 | 101 | 101497 | 56.498  | ug/l   | 100 |
| 10) Methyl Iodide            | 4.076 | 142 | 118435 | 56.456  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.942 | 59  | 34609  | 288.024 | ug/l # | 78  |
| 12) 1,1-Dichloroethene       | 3.856 | 96  | 102037 | 56.421  | ug/l   | 97  |
| 13) Acrolein                 | 3.716 | 56  | 27632  | 204.714 | ug/l   | 99  |
| 14) Allyl chloride           | 4.466 | 41  | 128657 | 55.921  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.143 | 53  | 96346  | 269.987 | ug/l   | 99  |
| 16) Acetone                  | 3.936 | 43  | 64793  | 236.004 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.180 | 76  | 292799 | 59.470  | ug/l   | 97  |
| 18) Methyl Acetate           | 4.466 | 43  | 41224  | 52.712  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.204 | 73  | 222968 | 55.347  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.704 | 84  | 122615 | 63.187  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 5.204 | 96  | 109169 | 56.946  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.106 | 45  | 268301 | 54.974  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.045 | 43  | 804980 | 271.369 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.002 | 63  | 173073 | 57.576  | ug/l   | 99  |
| 25) 2-Butanone               | 6.972 | 43  | 113023 | 257.541 | ug/l   | 94  |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 139592 | 51.308  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 126122 | 55.670  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.325 | 49  | 76584  | 63.742  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.338 | 42  | 78510  | 271.020 | ug/l   | 95  |
| 30) Chloroform               | 7.502 | 83  | 174683 | 55.665  | ug/l   | 98  |
| 31) Cyclohexane              | 7.776 | 56  | 154545 | 58.095  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.697 | 97  | 156810 | 55.750  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 130786 | 55.364  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.063 | 43  | 53242  | 53.550  | ug/l # | 96  |
| 38) Carbon Tetrachloride     | 7.892 | 117 | 140354 | 54.376  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.179 | 83  | 188532 | 55.321  | ug/l   | 97  |
| 40) Benzene                  | 8.154 | 78  | 423889 | 55.786  | ug/l   | 95  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY050824\  
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 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: May 09 02:31:28 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050724S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 08 01:40:14 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.301  | 41   | 30624    | 53.339   | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 87895    | 53.164   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 109752   | 53.854   | ug/l   | 96       |
| 44) Trichloroethene           | 8.935  | 130  | 112497   | 54.385   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 89195    | 53.692   | ug/l   | 97       |
| 46) Dibromomethane            | 9.301  | 93   | 50859    | 53.255   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.490  | 83   | 128102   | 54.259   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.288  | 41   | 49736    | 53.249   | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.294  | 88   | 13568    | 1070.317 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 276852   | 270.284  | ug/l   | 96       |
| 52) Toluene                   | 10.239 | 92   | 264300   | 54.029   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 115266   | 52.268   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.922  | 75   | 142977   | 53.039   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 68942    | 52.550   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 97282    | 54.599   | ug/l # | 92       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 112331   | 52.610   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 264706   | 311.125  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.831 | 43   | 188449   | 263.125  | ug/l   | 94       |
| 60) Dibromochloromethane      | 10.983 | 129  | 88235    | 51.838   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 64235    | 51.983   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 97172    | 55.283   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 289995   | 53.934   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 91181    | 52.427   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 495906   | 54.625   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.696 | 106  | 387772   | 108.013  | ug/l   | 98       |
| 69) o-Xylene                  | 12.026 | 106  | 183705   | 53.321   | ug/l   | 97       |
| 70) Styrene                   | 12.044 | 104  | 309745   | 53.835   | ug/l   | 98       |
| 71) Bromoform                 | 12.202 | 173  | 50135    | 52.099   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.324 | 105  | 476055   | 54.535   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 100734   | 55.590   | ug/l # | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.580 | 83   | 74665    | 53.619   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 92388    | 99.136   | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 108873   | 54.290   | ug/l   | 94       |
| 78) n-propylbenzene           | 12.666 | 91   | 550437   | 54.212   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 299615   | 53.102   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 369397   | 53.666   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 25392    | 52.495   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 304722   | 53.767   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 350975   | 55.280   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 359370   | 53.298   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 501278   | 53.826   | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 405667   | 52.950   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 202493   | 52.285   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 200459   | 53.095   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 362424   | 52.270   | ug/l   | 97       |
| 90) Hexachloroethane          | 13.958 | 117  | 78809    | 52.433   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 177555   | 53.340   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 10350    | 54.586   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 97294    | 51.991   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.110 | 225  | 52774    | 51.112   | ug/l   | 98       |
| 95) Naphthalene               | 15.232 | 128  | 186380   | 54.352   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.421 | 180  | 84187    | 54.818   | ug/l   | 97       |

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Data File : VY018199.D  
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Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 22 Sample Multiplier: 1

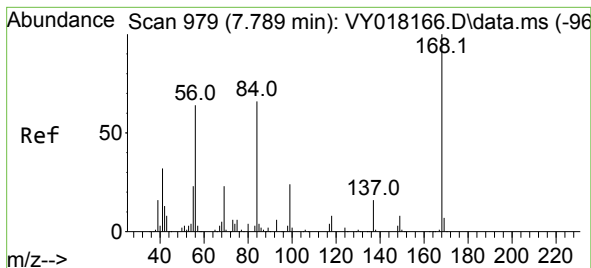
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: May 09 02:31:28 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050724S.M  
Quant Title : SW846 8260  
QLast Update : Wed May 08 01:40:14 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: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

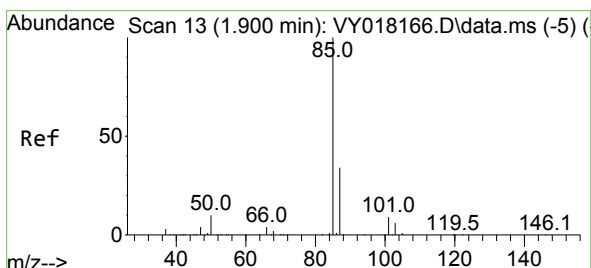
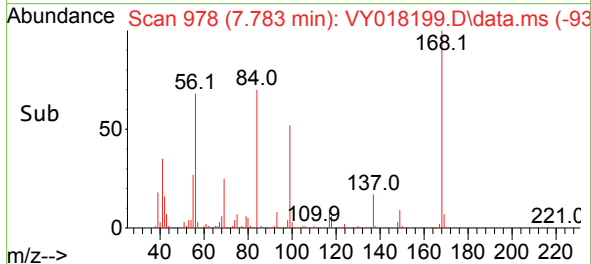
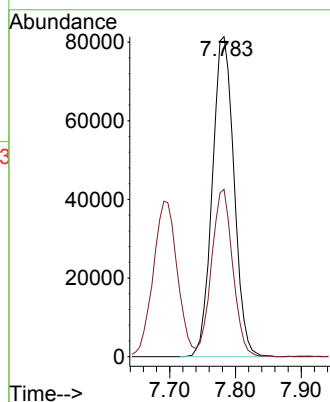
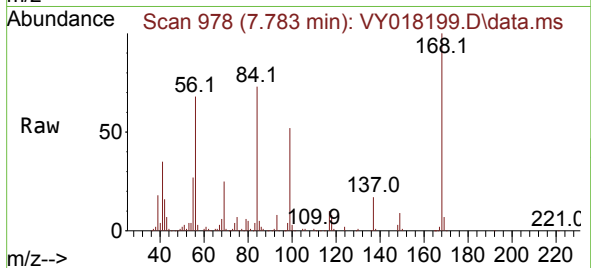
ClientSampleId :

Tgt Ion:168 Resp: 187005

Ion Ratio Lower Upper

168 100

99 52.2 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 54.608 ug/l

RT: 1.899 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY018199.D

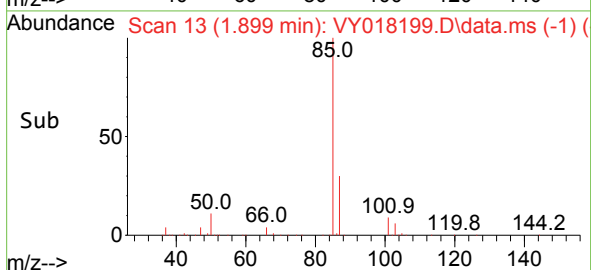
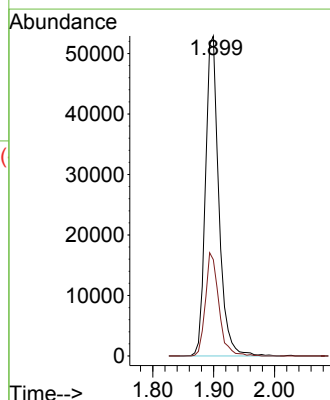
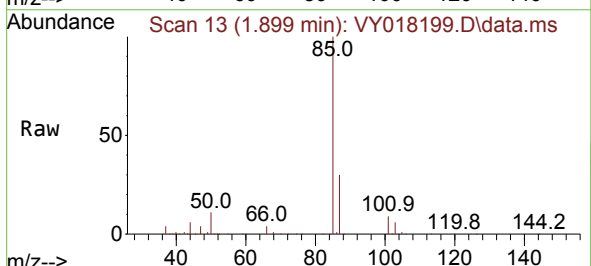
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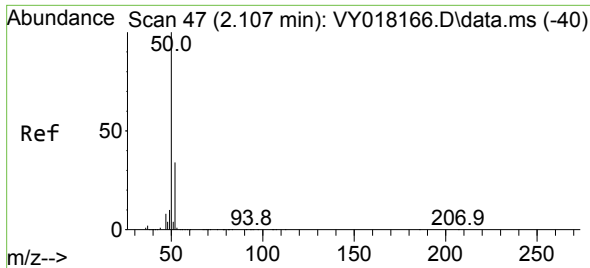
Tgt Ion: 85 Resp: 80986

Ion Ratio Lower Upper

85 100

87 30.1 16.0 48.0

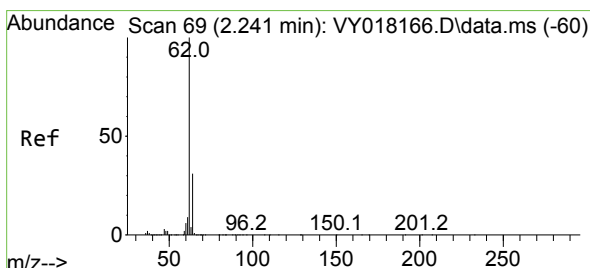
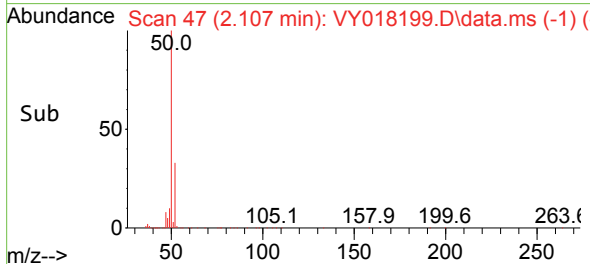
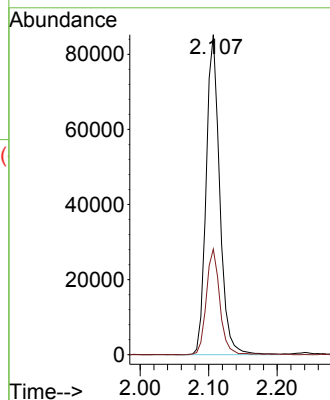
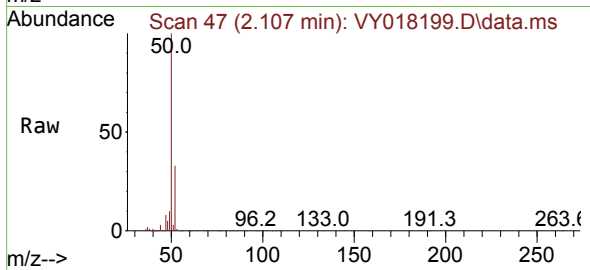




#3  
Chloromethane  
Concen: 59.106 ug/l  
RT: 2.107 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

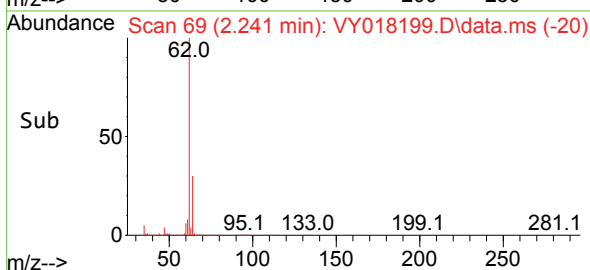
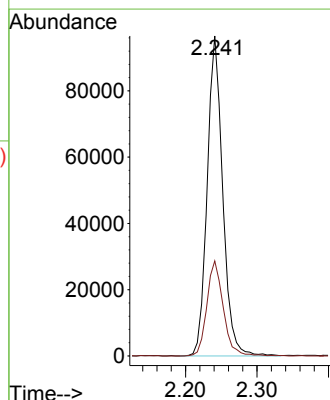
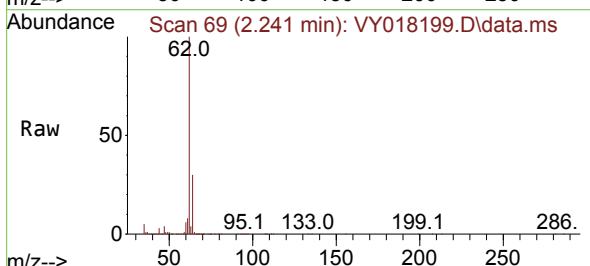
Instrument :  
MSVOA\_Y  
ClientSampleId :

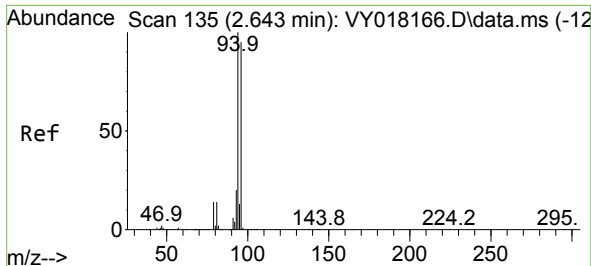
Tgt Ion: 50 Resp: 117339  
Ion Ratio Lower Upper  
50 100  
52 33.0 25.6 38.4



#4  
Vinyl Chloride  
Concen: 60.579 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion: 62 Resp: 145786  
Ion Ratio Lower Upper  
62 100  
64 29.7 26.1 39.1





#5

Bromomethane

Concen: 57.939 ug/l

RT: 2.637 min Scan# 11

Delta R.T. -0.006 min

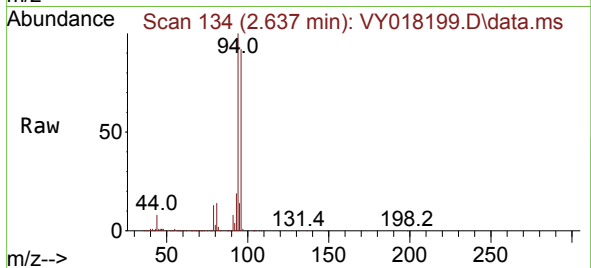
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Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :

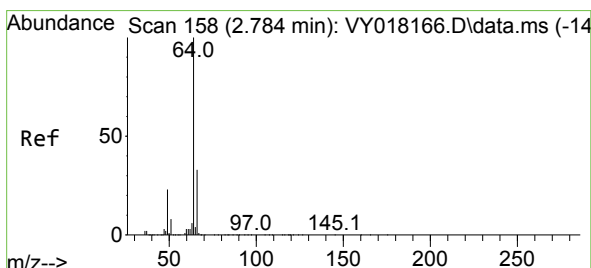
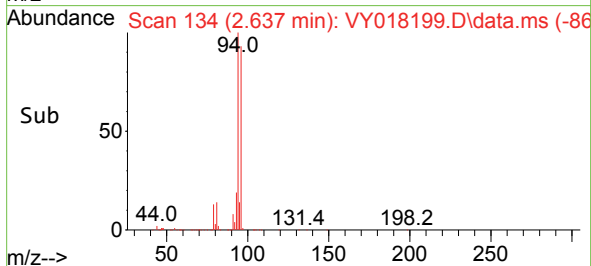
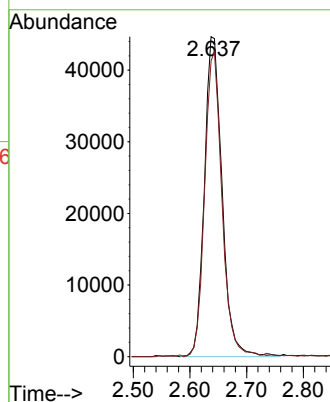


Tgt Ion: 94 Resp: 96833

Ion Ratio Lower Upper

94 100

96 92.1 74.1 111.1



#6

Chloroethane

Concen: 60.392 ug/l

RT: 2.783 min Scan# 158

Delta R.T. -0.000 min

Lab File: VY018199.D

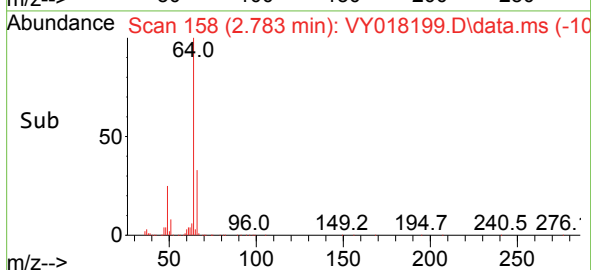
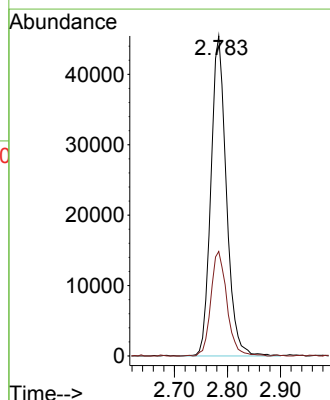
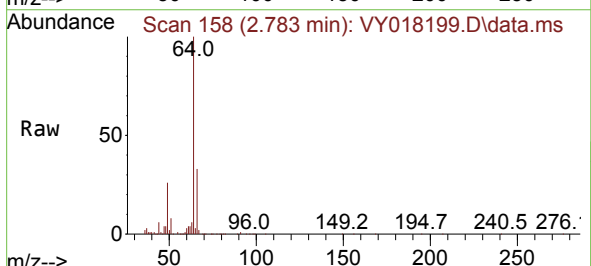
Acq: 08 May 2024 19:36

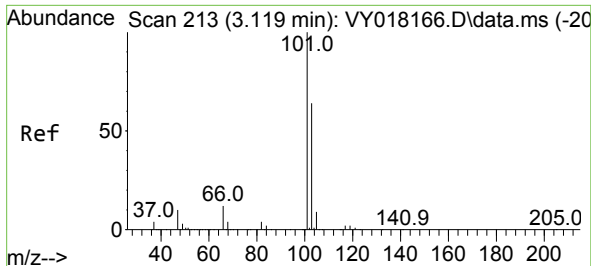
Tgt Ion: 64 Resp: 92236

Ion Ratio Lower Upper

64 100

66 32.7 26.1 39.1

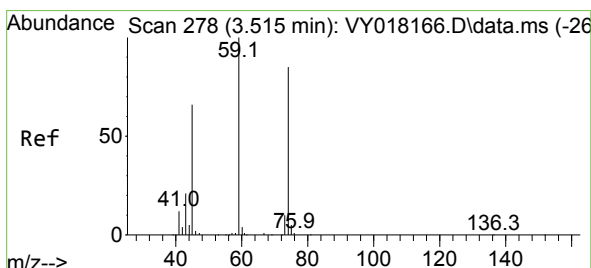
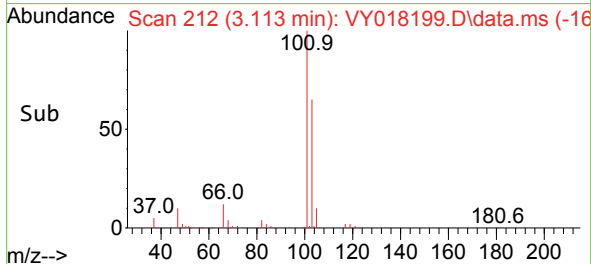
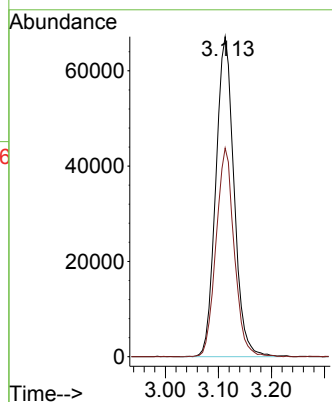
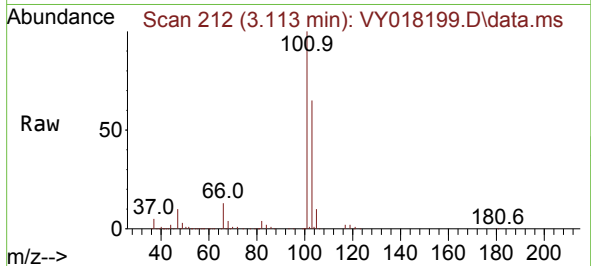




#7  
 Trichlorofluoromethane  
 Concen: 56.861 ug/l  
 RT: 3.113 min Scan# 213  
 Delta R.T. -0.006 min  
 Lab File: VY018199.D  
 Acq: 08 May 2024 19:36

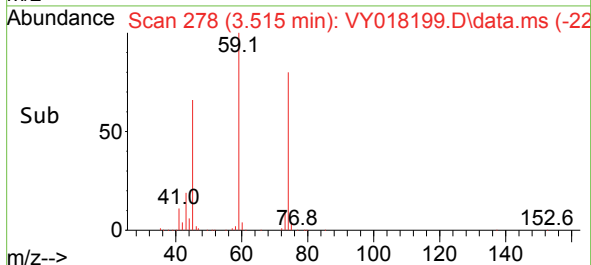
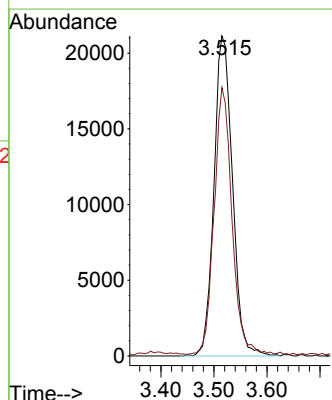
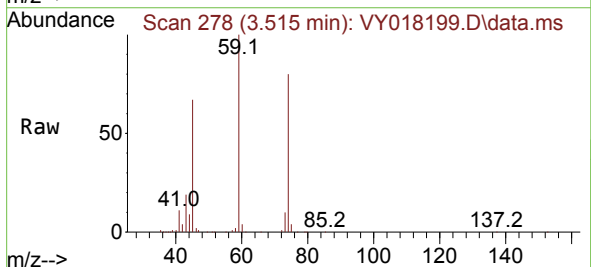
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

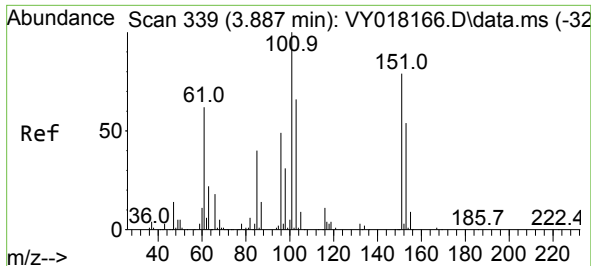
Tgt Ion:101 Resp: 160282  
 Ion Ratio Lower Upper  
 101 100  
 103 65.2 49.3 73.9



#8  
 Diethyl Ether  
 Concen: 55.228 ug/l  
 RT: 3.515 min Scan# 278  
 Delta R.T. -0.000 min  
 Lab File: VY018199.D  
 Acq: 08 May 2024 19:36

Tgt Ion: 74 Resp: 51249  
 Ion Ratio Lower Upper  
 74 100  
 45 80.3 41.3 124.1

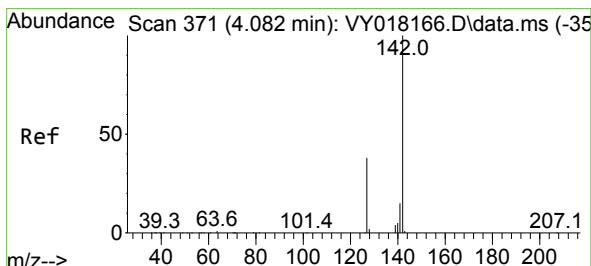
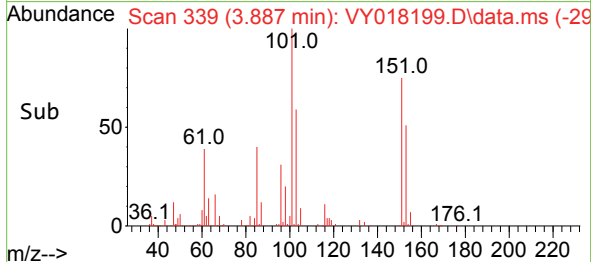
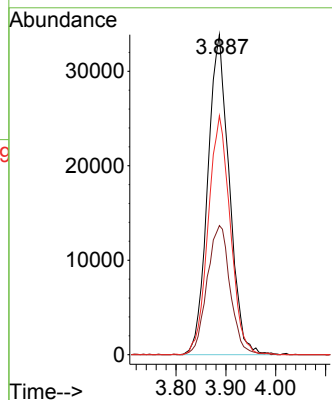
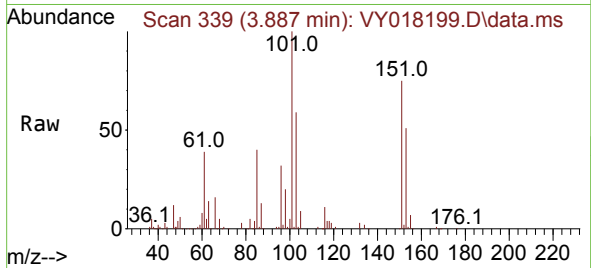




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 56.498 ug/l  
RT: 3.887 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

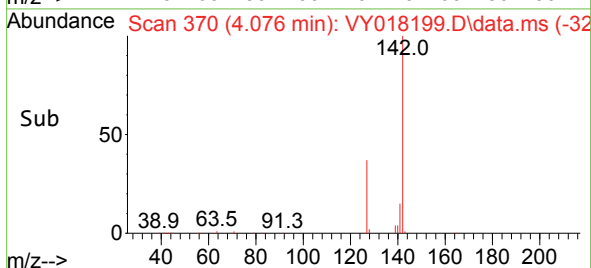
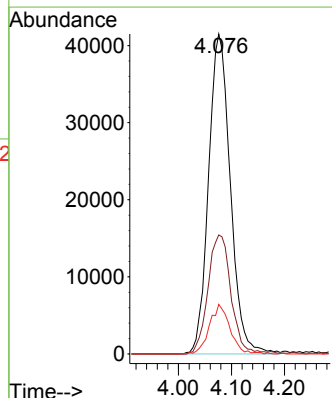
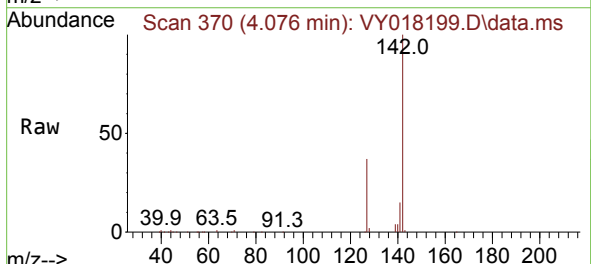
Instrument :  
MSVOA\_Y  
ClientSampleId :

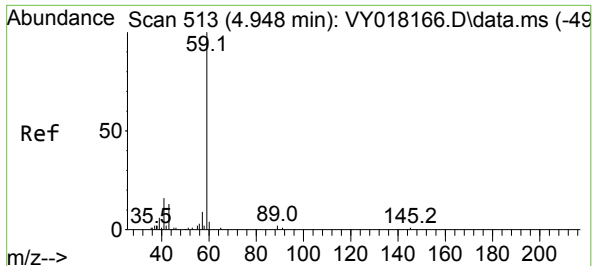
Tgt Ion:101 Resp: 101497  
Ion Ratio Lower Upper  
101 100  
85 43.2 34.5 51.7  
151 76.7 61.7 92.5



#10  
Methyl Iodide  
Concen: 56.456 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion:142 Resp: 118435  
Ion Ratio Lower Upper  
142 100  
127 39.1 32.8 49.2  
141 14.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 288.024 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

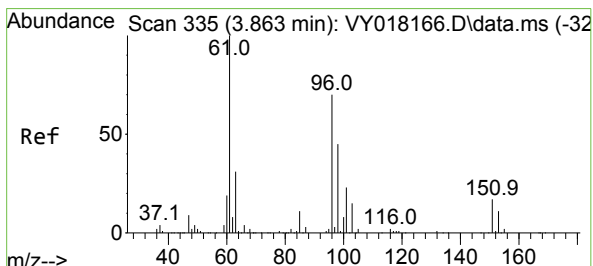
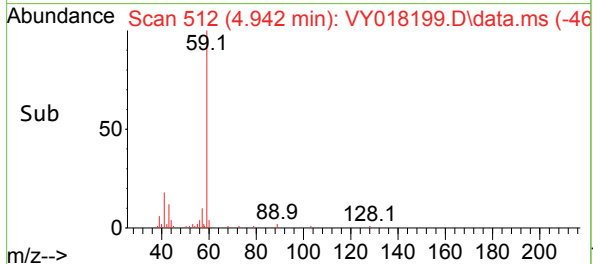
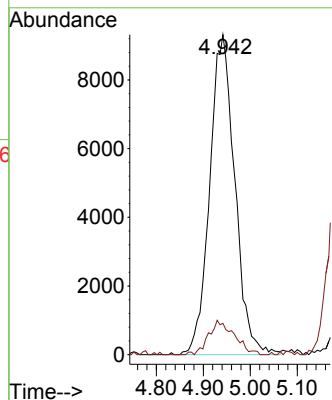
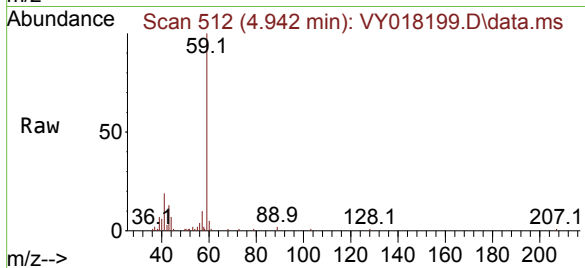
ClientSampleId :

Tgt Ion: 59 Resp: 34609

Ion Ratio Lower Upper

59 100

57 11.0 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 56.421 ug/l

RT: 3.856 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

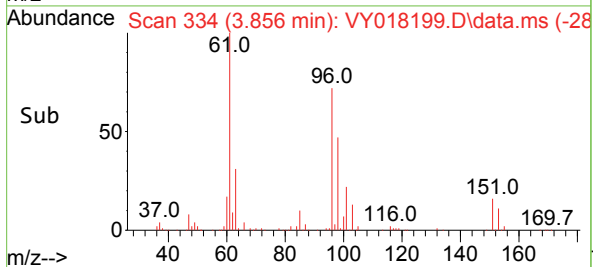
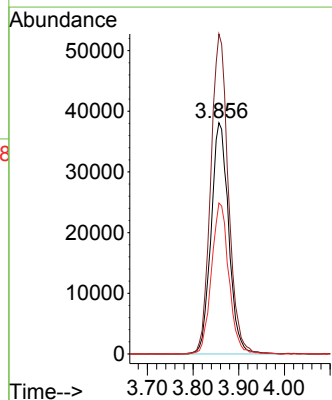
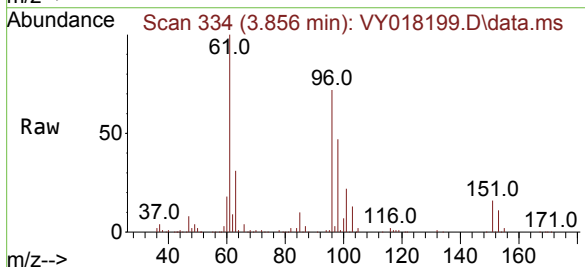
Tgt Ion: 96 Resp: 102037

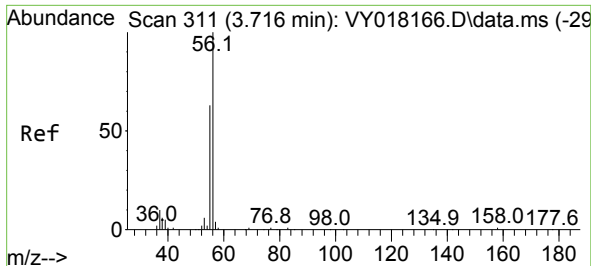
Ion Ratio Lower Upper

96 100

61 138.4 114.6 171.8

98 65.3 50.8 76.2

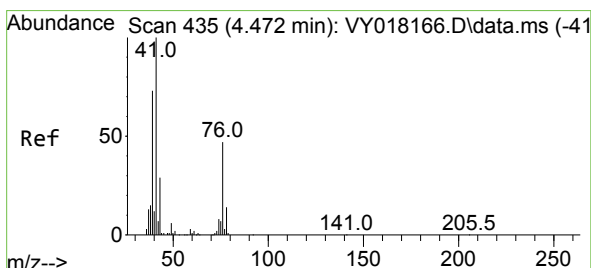
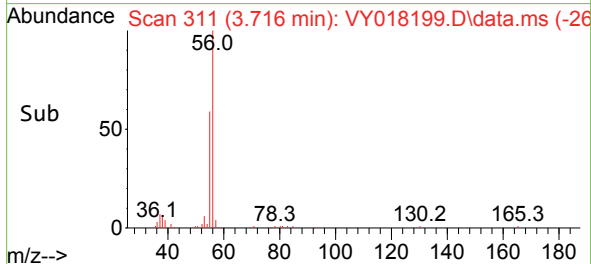
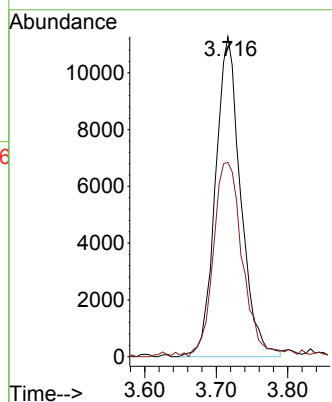
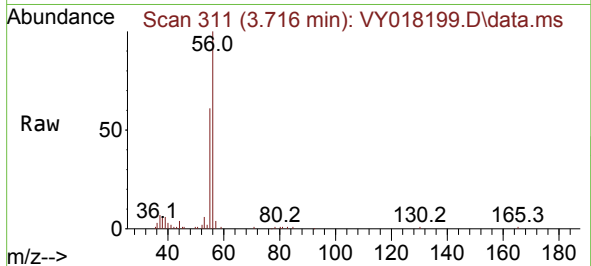




#13  
Acrolein  
Concen: 204.714 ug/l  
RT: 3.716 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

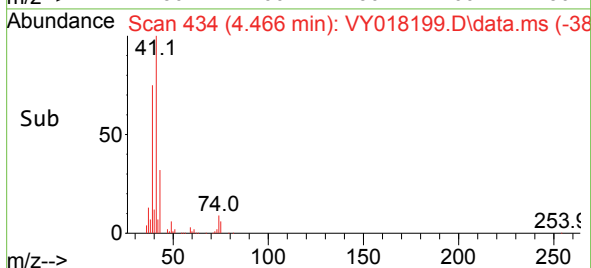
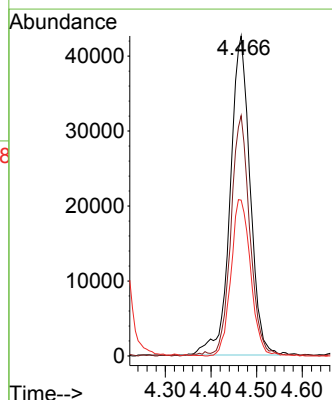
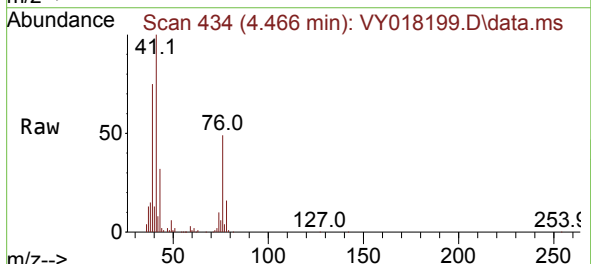
Instrument :  
MSVOA\_Y  
ClientSampleId :

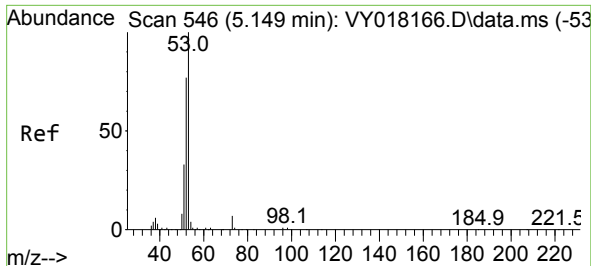
Tgt Ion: 56 Resp: 27632  
Ion Ratio Lower Upper  
56 100  
55 70.6 55.7 83.5



#14  
Allyl chloride  
Concen: 55.921 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion: 41 Resp: 128657  
Ion Ratio Lower Upper  
41 100  
39 70.7 58.3 87.5  
76 48.6 39.0 58.6





#15

Acrylonitrile

Concen: 269.987 ug/l

RT: 5.143 min Scan# 546

Delta R.T. -0.006 min

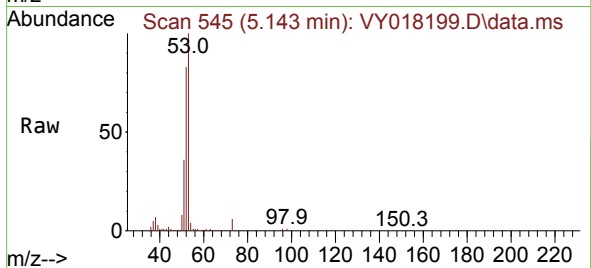
Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :



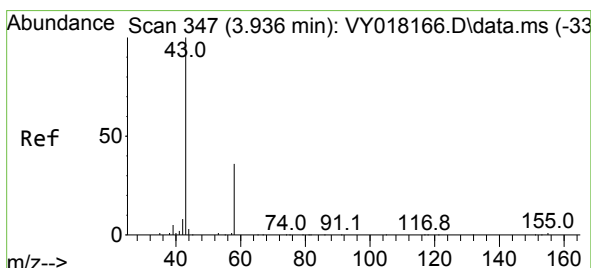
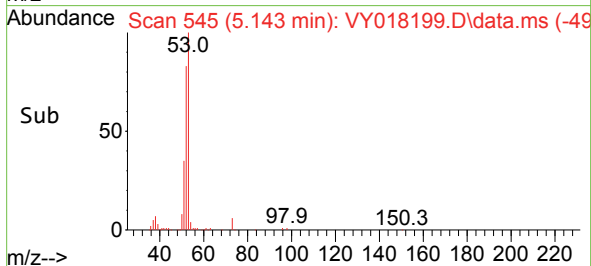
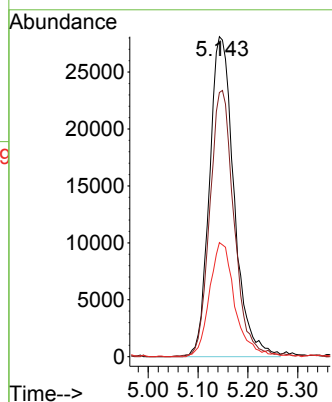
Tgt Ion: 53 Resp: 96346

Ion Ratio Lower Upper

53 100

52 81.9 64.7 97.1

51 36.8 28.4 42.6



#16

Acetone

Concen: 236.004 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY018199.D

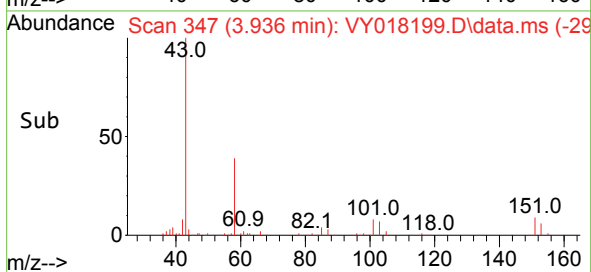
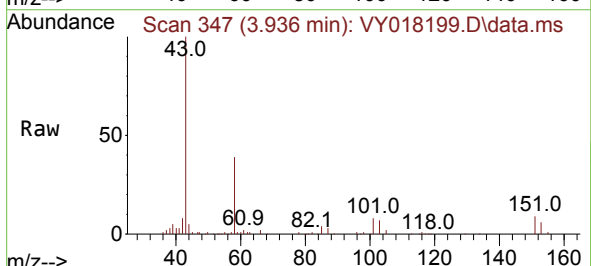
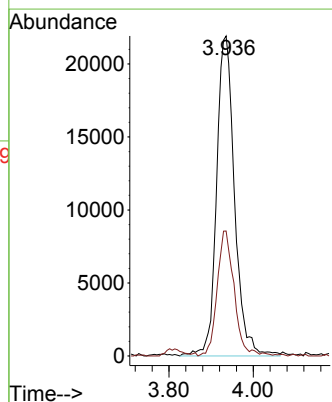
Acq: 08 May 2024 19:36

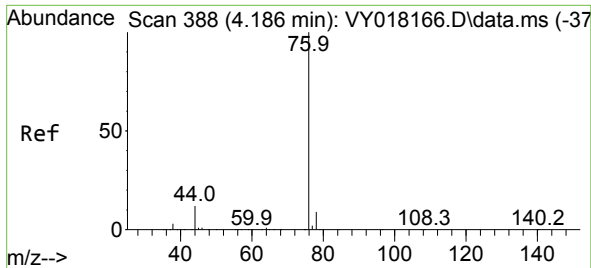
Tgt Ion: 43 Resp: 64793

Ion Ratio Lower Upper

43 100

58 38.6 31.7 47.5

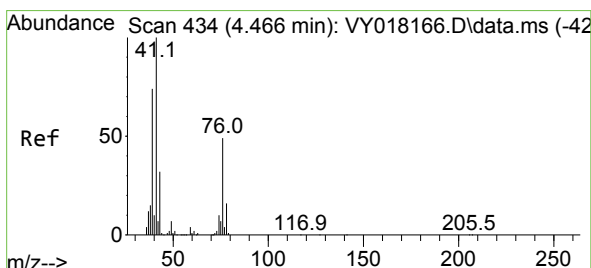
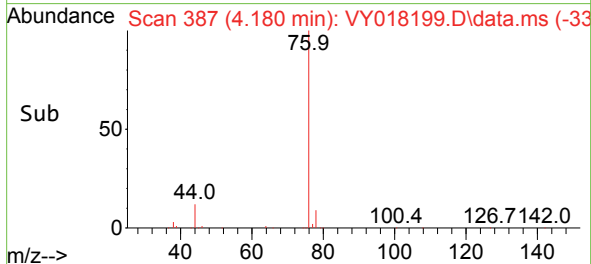
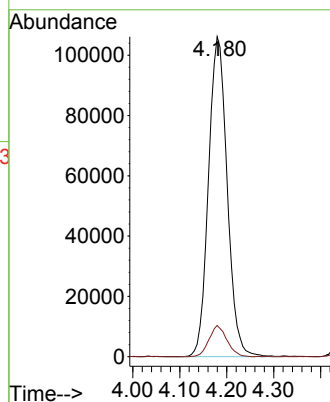
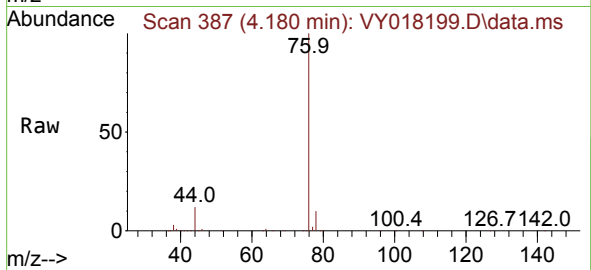




#17  
Carbon Disulfide  
Concen: 59.470 ug/l  
RT: 4.180 min Scan# 388  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

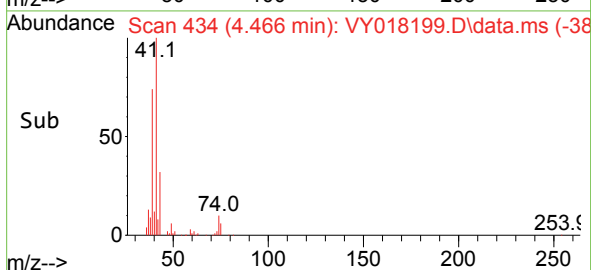
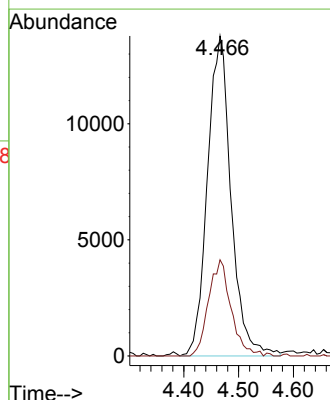
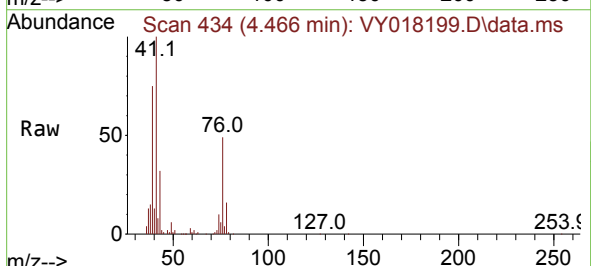
Instrument :  
MSVOA\_Y  
ClientSampleId :

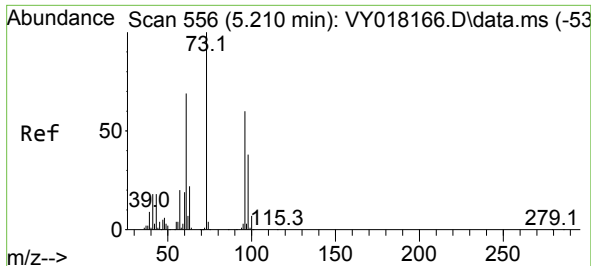
Tgt Ion: 76 Resp: 292799  
Ion Ratio Lower Upper  
76 100  
78 9.7 6.8 10.2



#18  
Methyl Acetate  
Concen: 52.712 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion: 43 Resp: 41224  
Ion Ratio Lower Upper  
43 100  
74 28.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 55.347 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

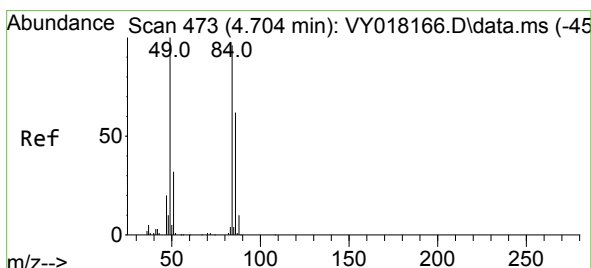
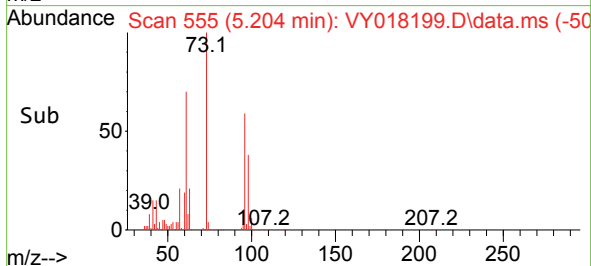
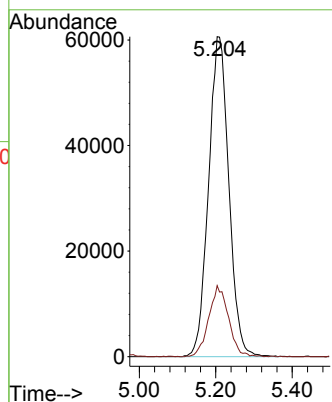
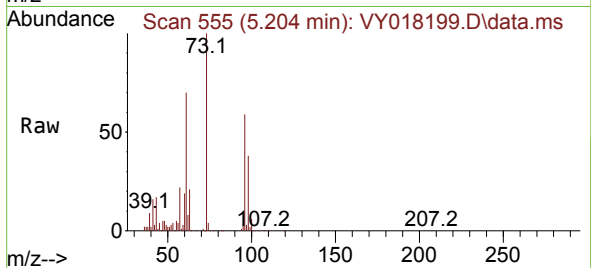
ClientSampleId :

Tgt Ion: 73 Resp: 222968

Ion Ratio Lower Upper

73 100

57 22.2 17.3 25.9



#20

Methylene Chloride

Concen: 63.187 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Tgt Ion: 84 Resp: 122615

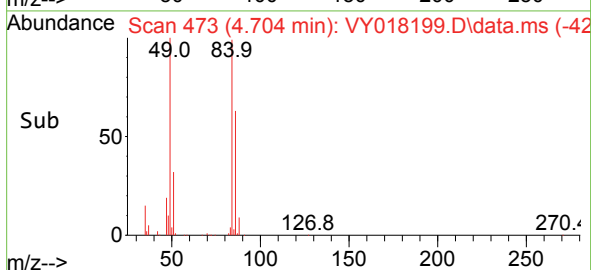
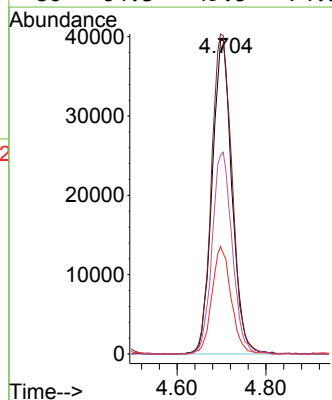
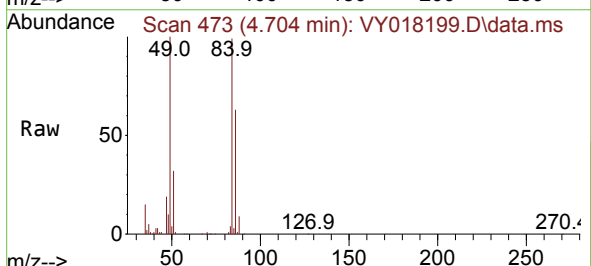
Ion Ratio Lower Upper

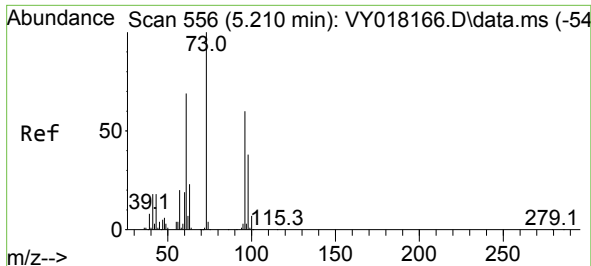
84 100

49 101.2 84.4 126.6

51 32.0 26.0 39.0

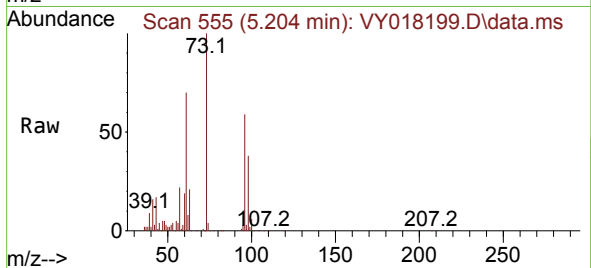
86 64.3 49.5 74.3



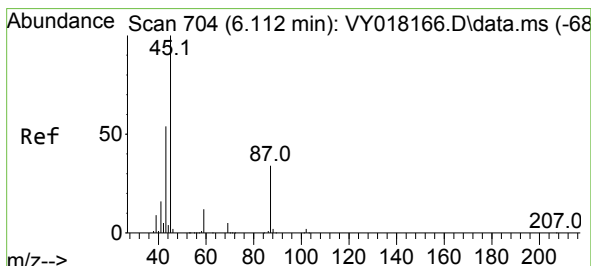
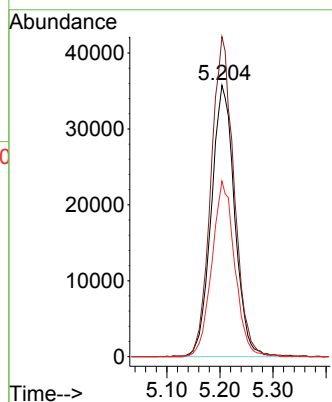
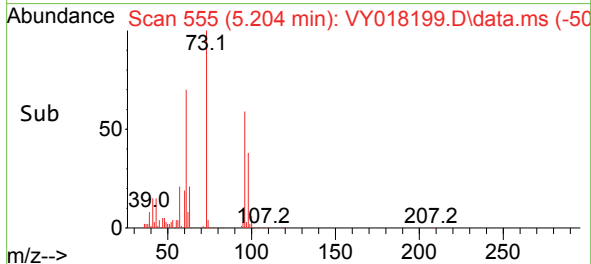


#21  
trans-1,2-Dichloroethene  
Concen: 56.946 ug/l  
RT: 5.204 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Instrument :  
MSVOA\_Y  
ClientSampleId :

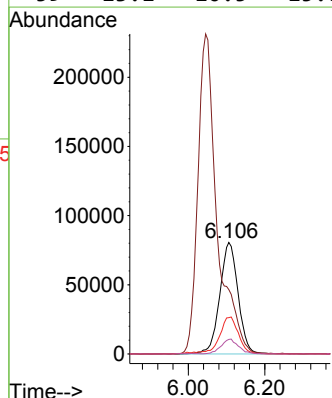
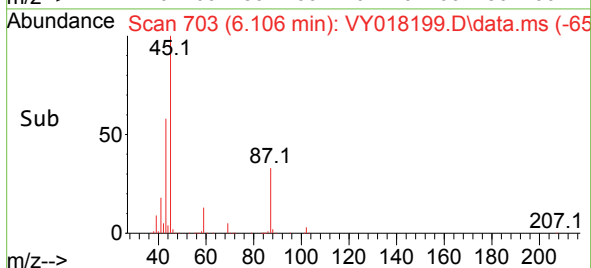
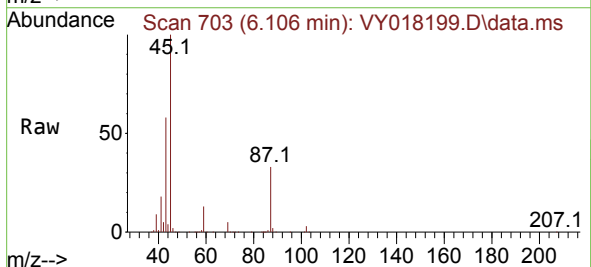


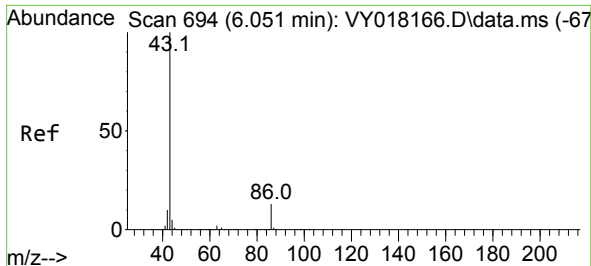
Tgt Ion: 96 Resp: 109169  
Ion Ratio Lower Upper  
96 100  
61 117.5 97.5 146.3  
98 64.7 50.5 75.7



#22  
Diisopropyl ether  
Concen: 54.974 ug/l  
RT: 6.106 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion: 45 Resp: 268301  
Ion Ratio Lower Upper  
45 100  
43 57.4 42.2 63.2  
87 32.6 25.0 37.6  
59 13.1 10.5 15.7

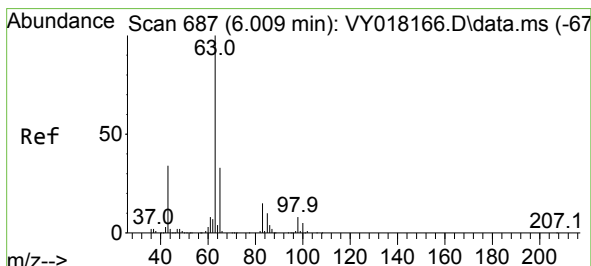
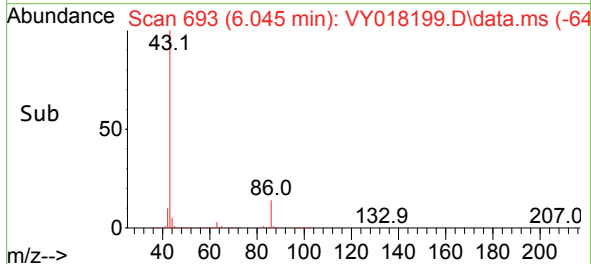
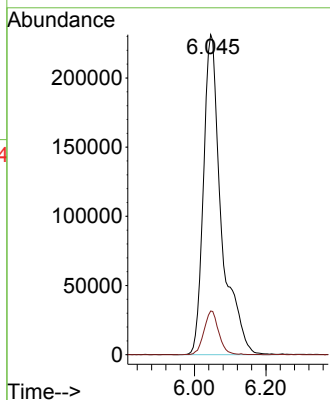
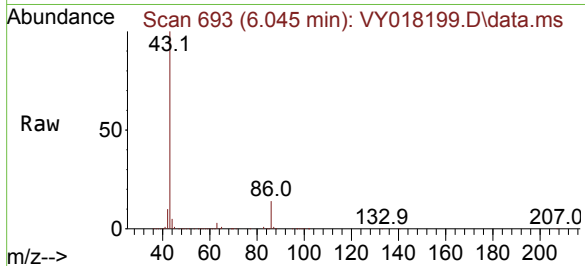




#23  
 Vinyl Acetate  
 Concen: 271.369 ug/l  
 RT: 6.045 min Scan# 694  
 Delta R.T. -0.006 min  
 Lab File: VY018199.D  
 Acq: 08 May 2024 19:36

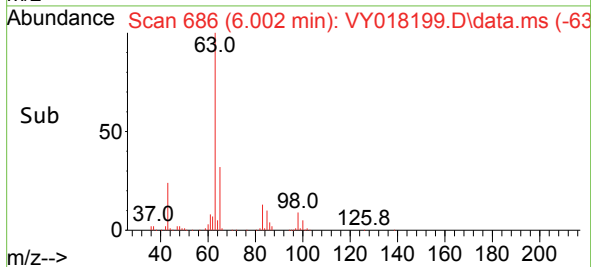
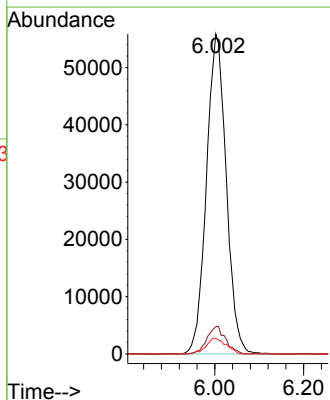
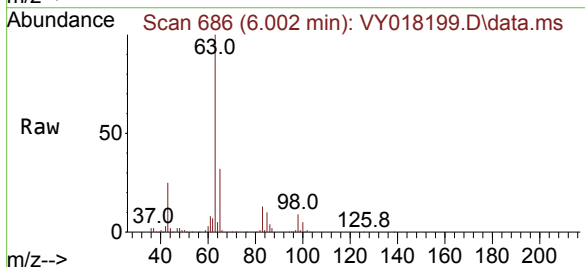
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

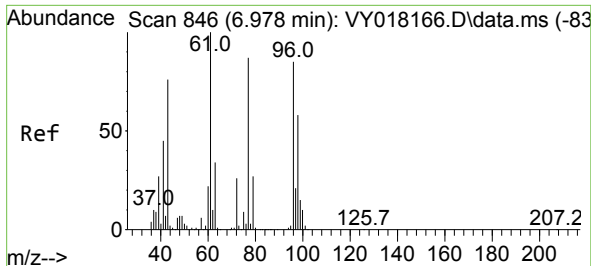
Tgt Ion: 43 Resp: 804980  
 Ion Ratio Lower Upper  
 43 100  
 86 13.6 10.6 16.0



#24  
 1,1-Dichloroethane  
 Concen: 57.576 ug/l  
 RT: 6.002 min Scan# 686  
 Delta R.T. -0.006 min  
 Lab File: VY018199.D  
 Acq: 08 May 2024 19:36

Tgt Ion: 63 Resp: 173073  
 Ion Ratio Lower Upper  
 63 100  
 98 8.6 4.0 12.2  
 100 4.8 2.6 8.0





#25

2-Butanone

Concen: 257.541 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

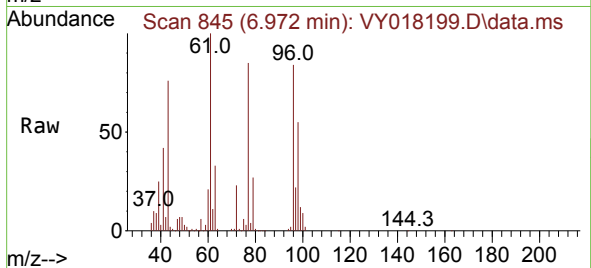
Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :

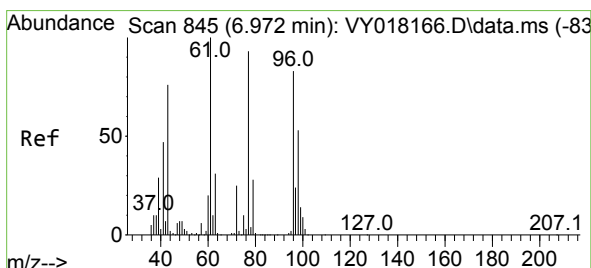
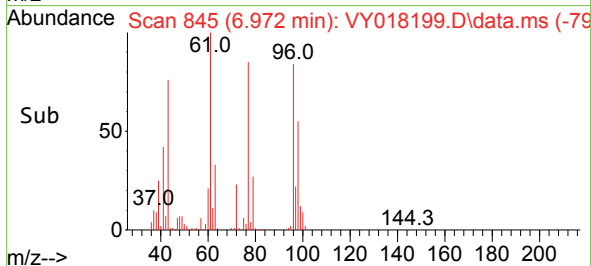
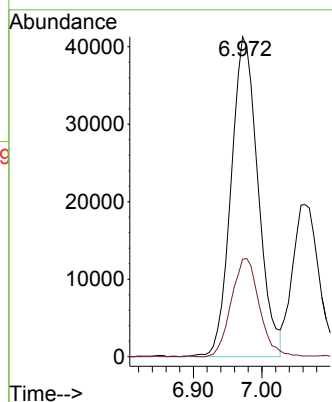


Tgt Ion: 43 Resp: 113023

Ion Ratio Lower Upper

43 100

72 30.5 27.3 40.9



#26

2,2-Dichloropropane

Concen: 51.308 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018199.D

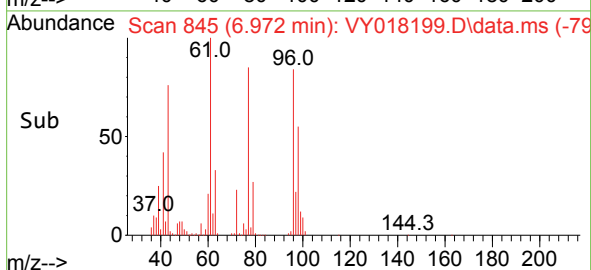
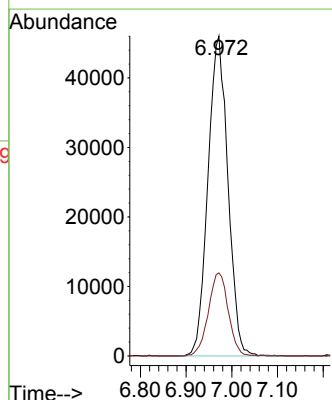
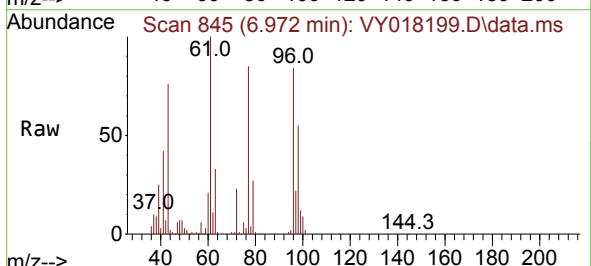
Acq: 08 May 2024 19:36

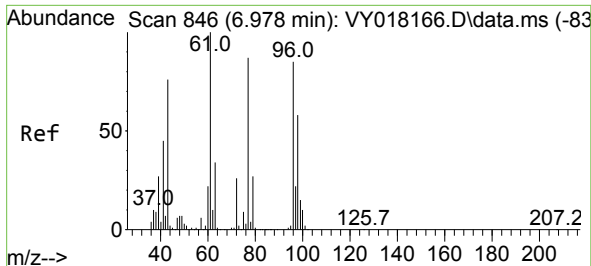
Tgt Ion: 77 Resp: 139592

Ion Ratio Lower Upper

77 100

97 25.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 55.670 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :

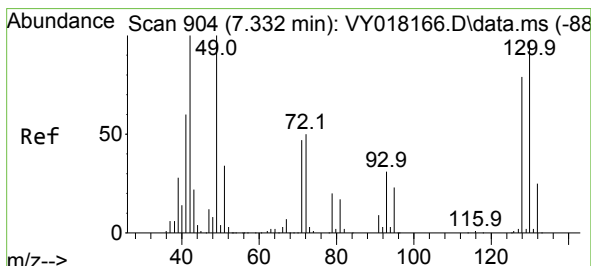
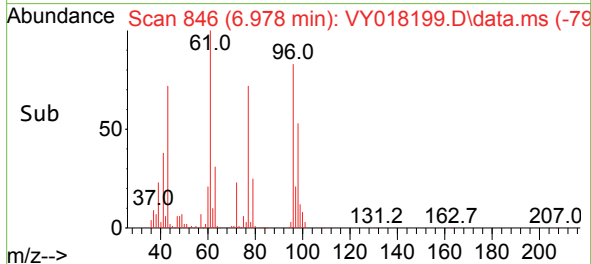
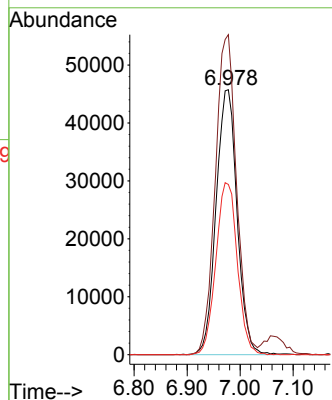
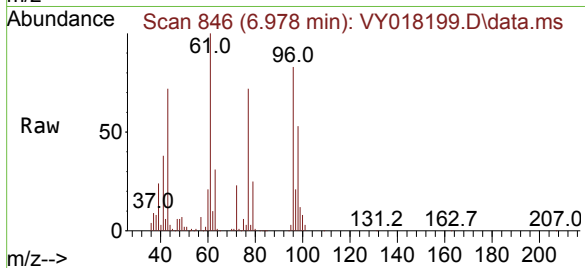
Tgt Ion: 96 Resp: 126122

Ion Ratio Lower Upper

96 100

61 121.9 0.0 256.2

98 66.2 0.0 130.0



#28

Bromochloromethane

Concen: 63.742 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

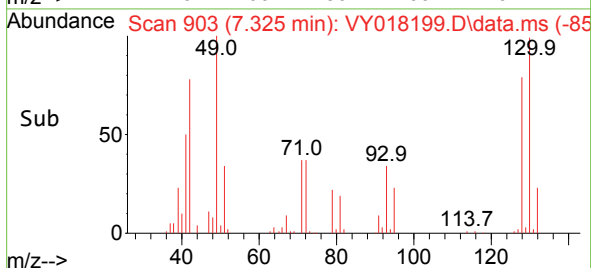
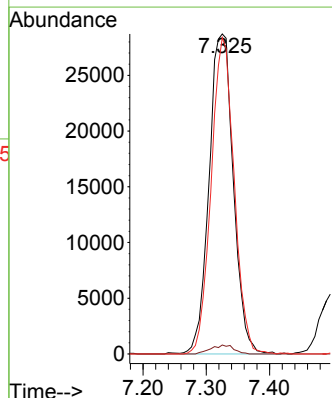
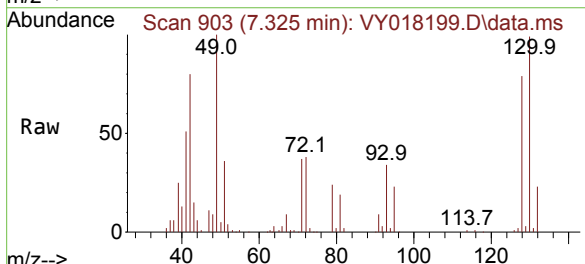
Tgt Ion: 49 Resp: 76584

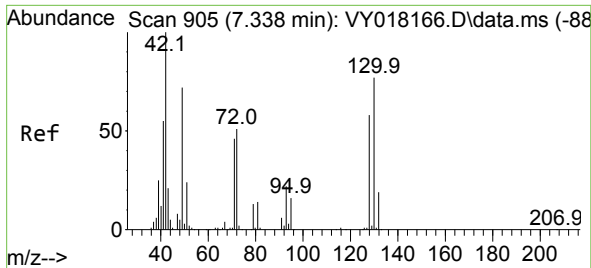
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

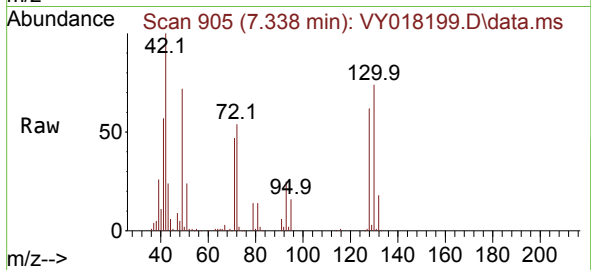
130 93.1 72.7 109.1



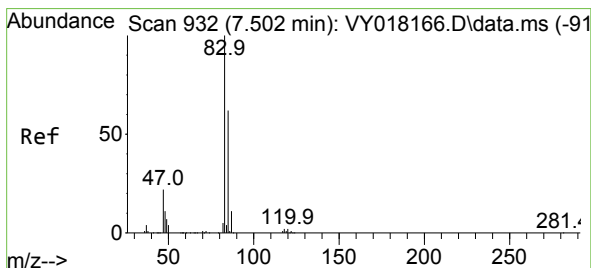
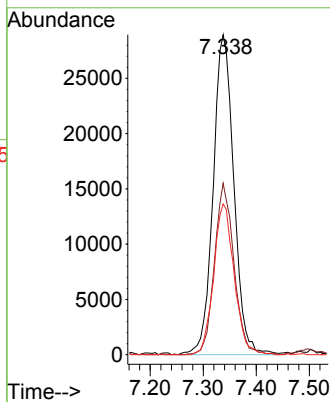
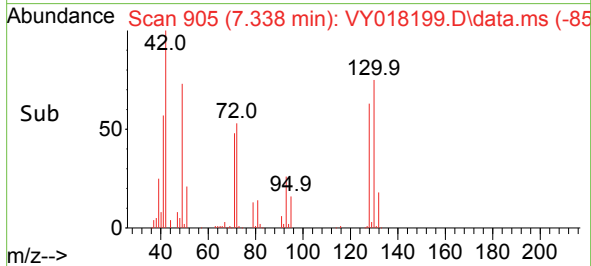


#29  
Tetrahydrofuran  
Concen: 271.020 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

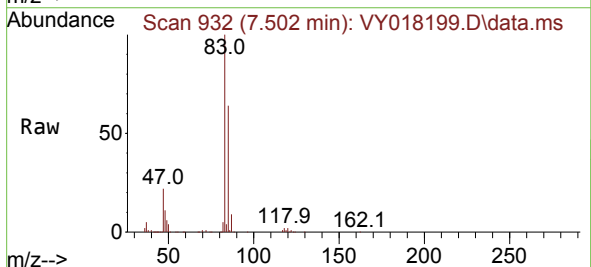
Instrument :  
MSVOA\_Y  
ClientSampleId :



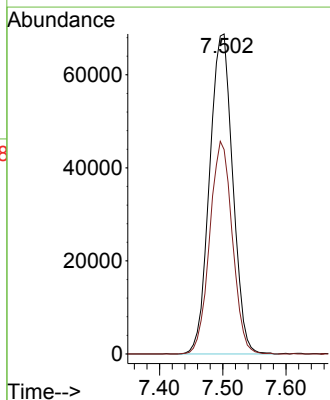
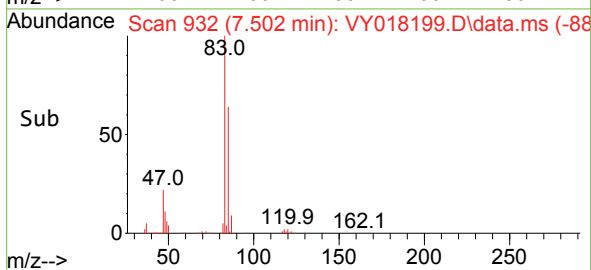
Tgt Ion: 42 Resp: 78510  
Ion Ratio Lower Upper  
42 100  
72 50.5 43.0 64.4  
71 46.7 40.8 61.2

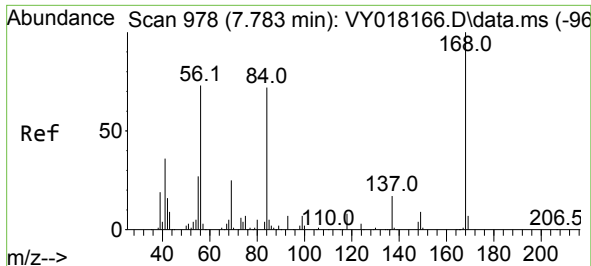


#30  
Chloroform  
Concen: 55.665 ug/l  
RT: 7.502 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36



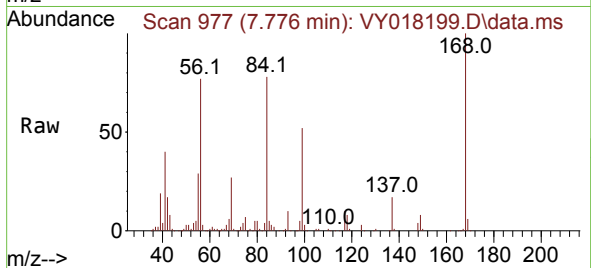
Tgt Ion: 83 Resp: 174683  
Ion Ratio Lower Upper  
83 100  
85 63.8 52.2 78.4



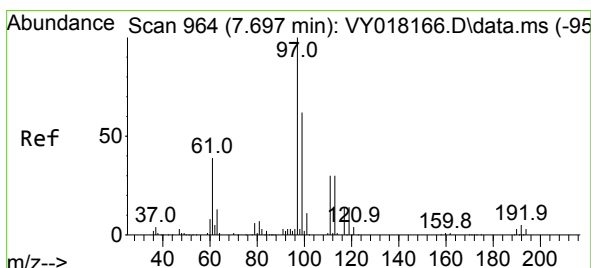
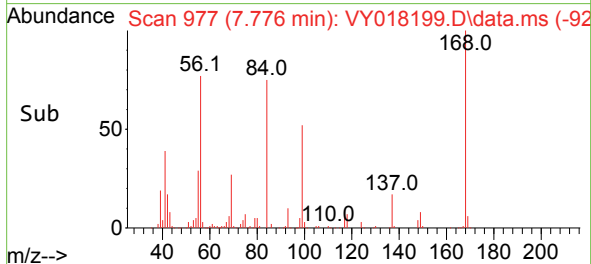
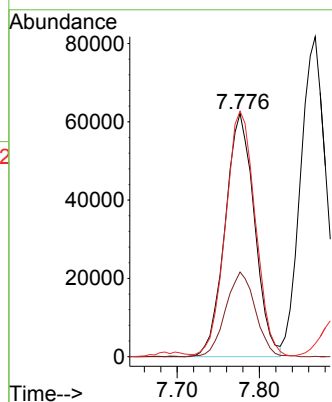


#31  
Cyclohexane  
Concen: 58.095 ug/l  
RT: 7.776 min Scan# 91  
Delta R.T. -0.007 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Instrument :  
MSVOA\_Y  
ClientSampleId :

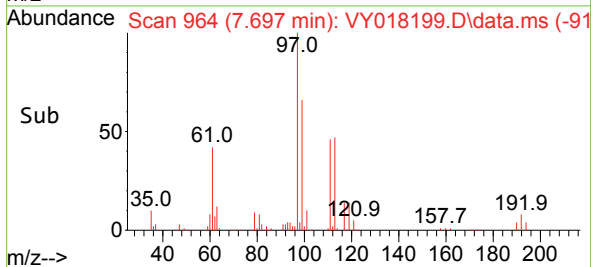
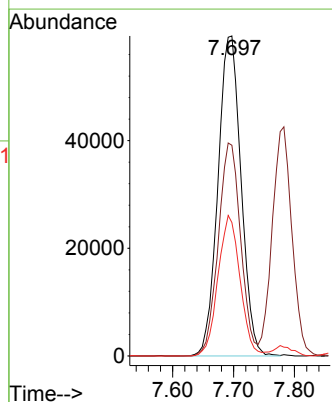
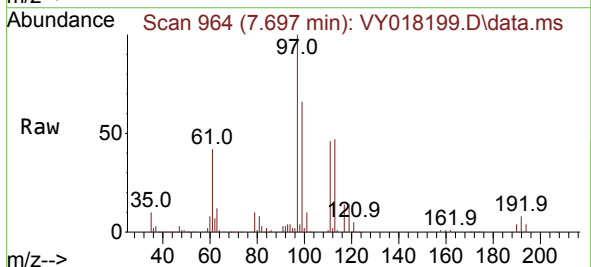


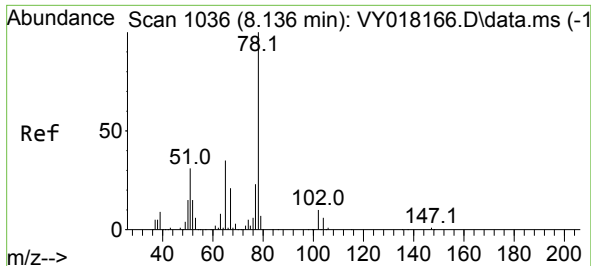
Tgt Ion: 56 Resp: 154545  
Ion Ratio Lower Upper  
56 100  
69 34.7 28.7 43.1  
84 99.3 77.7 116.5



#32  
1,1,1-Trichloroethane  
Concen: 55.750 ug/l  
RT: 7.697 min Scan# 964  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion: 97 Resp: 156810  
Ion Ratio Lower Upper  
97 100  
99 64.7 50.3 75.5  
61 41.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.004 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

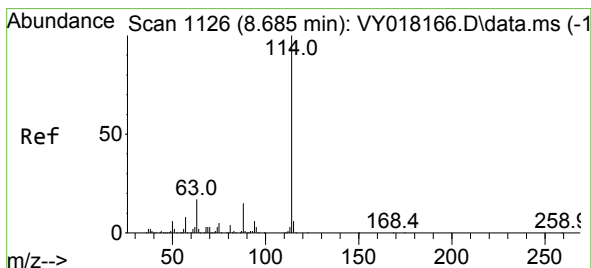
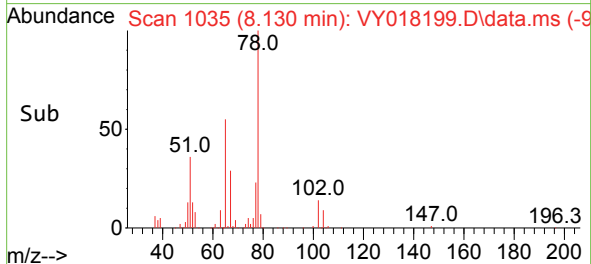
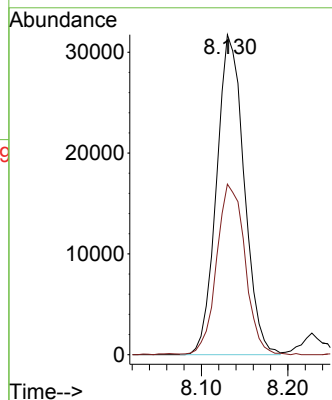
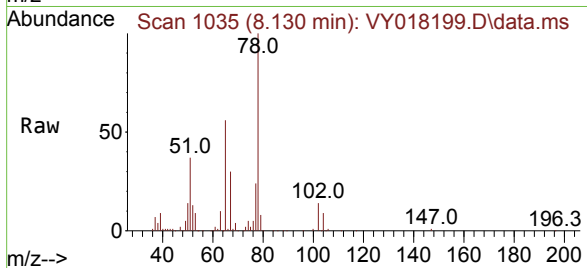
ClientSampleId :

Tgt Ion: 65 Resp: 70168

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

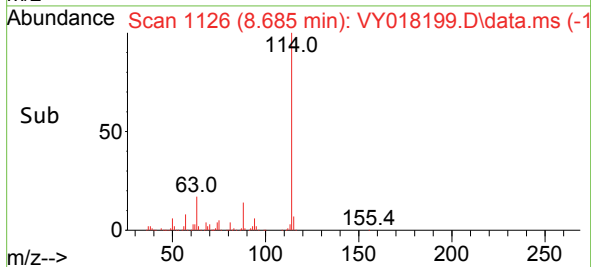
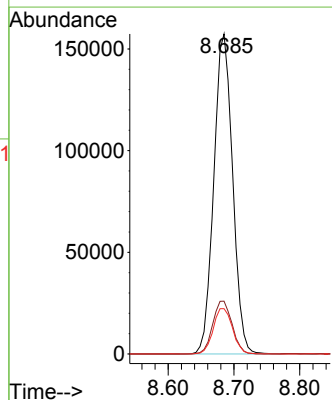
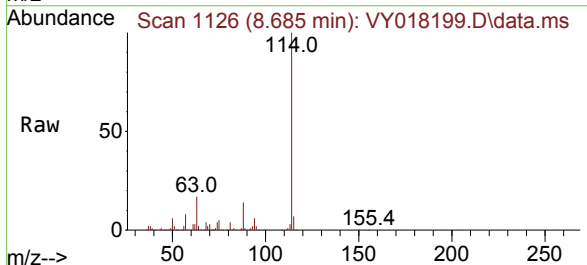
Tgt Ion: 114 Resp: 313546

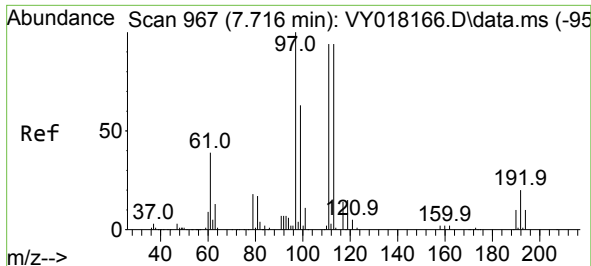
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 14.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.317 ug/l

RT: 7.709 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :

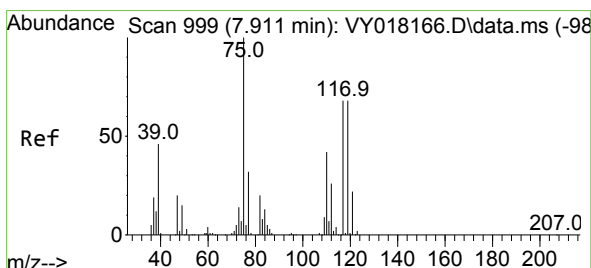
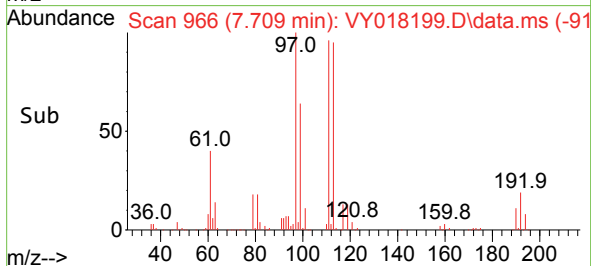
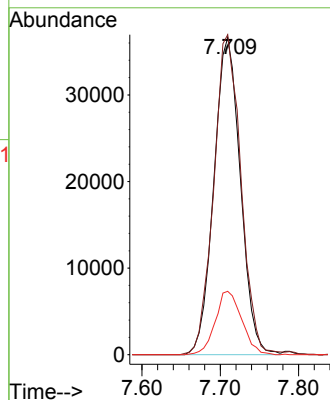
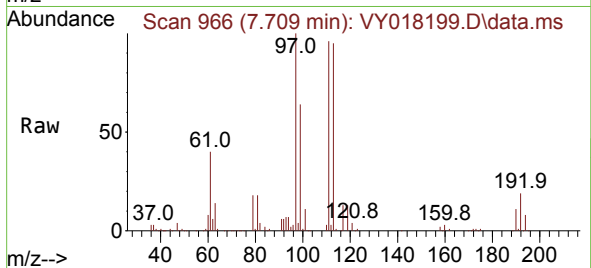
Tgt Ion:113 Resp: 86209

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 19.9 15.9 23.9



#36

1,1-Dichloropropene

Concen: 55.364 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

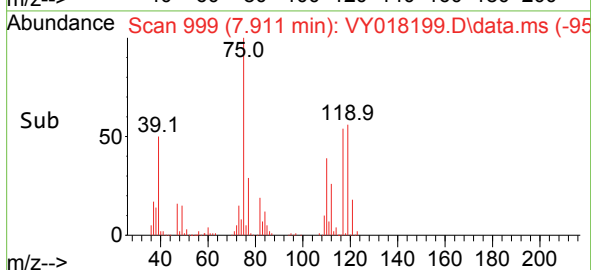
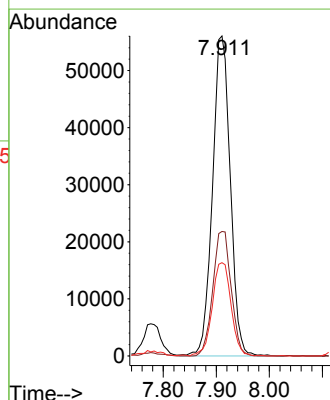
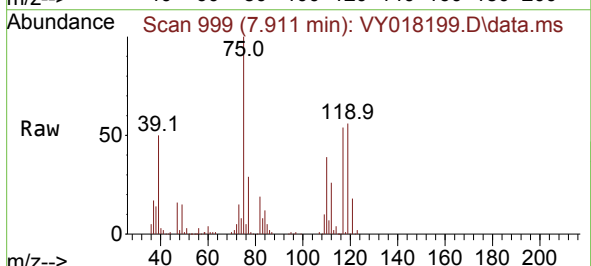
Tgt Ion: 75 Resp: 130786

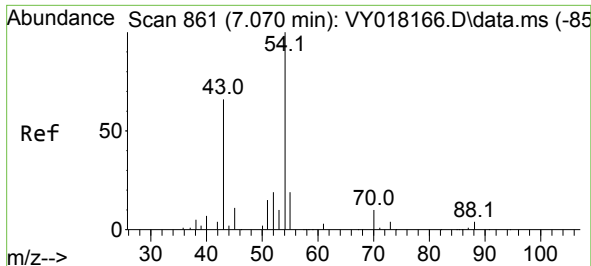
Ion Ratio Lower Upper

75 100

110 40.0 19.0 57.0

77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 53.550 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY018199.D

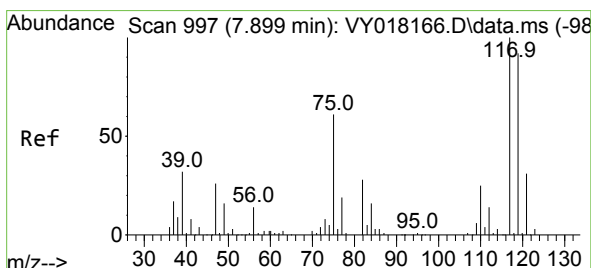
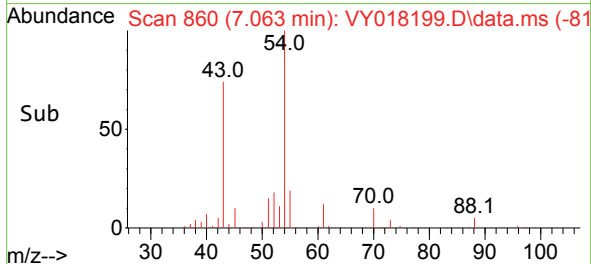
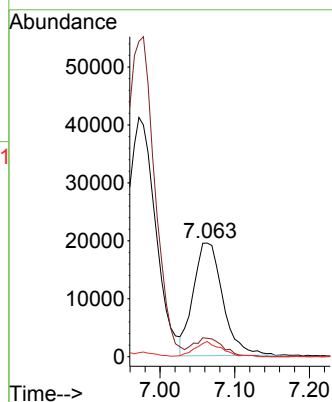
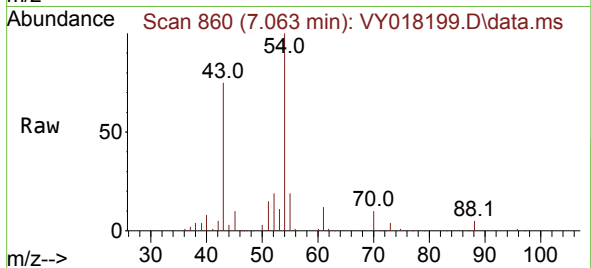
Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 53242 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 17.0  | 12.6  | 19.0  |
| 70       | 12.1  | 7.8   | 11.8  |



#38

Carbon Tetrachloride

Concen: 54.376 ug/l

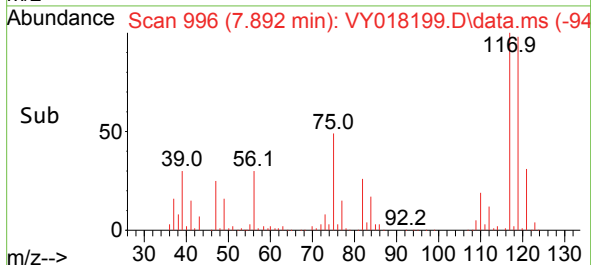
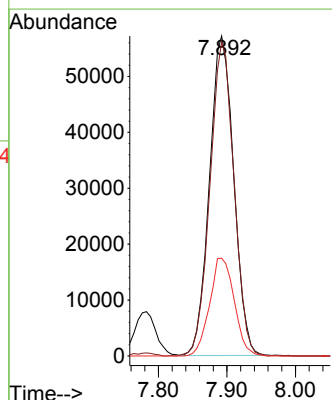
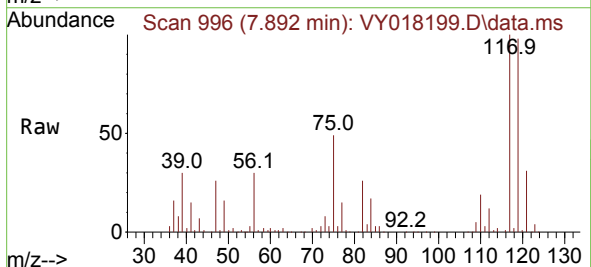
RT: 7.892 min Scan# 996

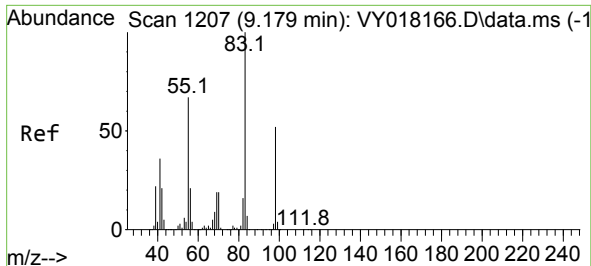
Delta R.T. -0.006 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 140354 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 98.3  | 75.8  | 113.6  |
| 121      | 30.6  | 24.0  | 36.0   |

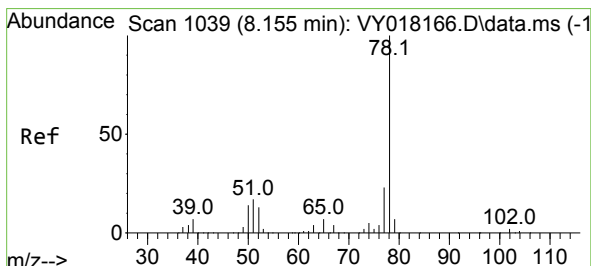
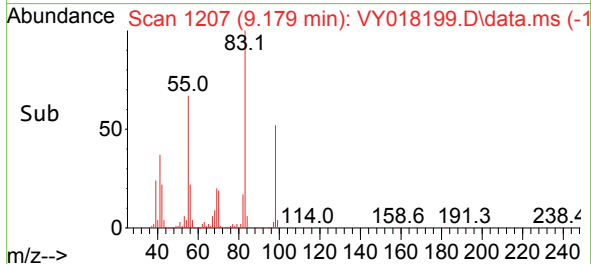
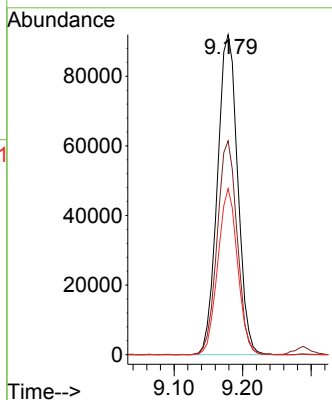
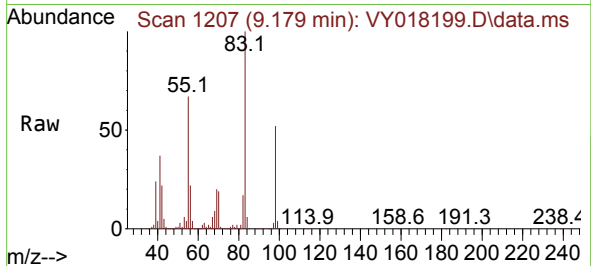




#39  
Methylcyclohexane  
Concen: 55.321 ug/l  
RT: 9.179 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

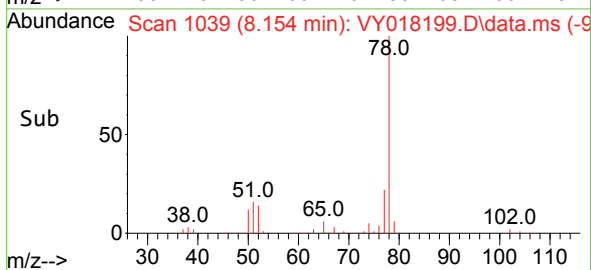
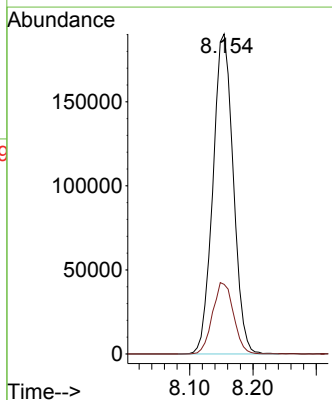
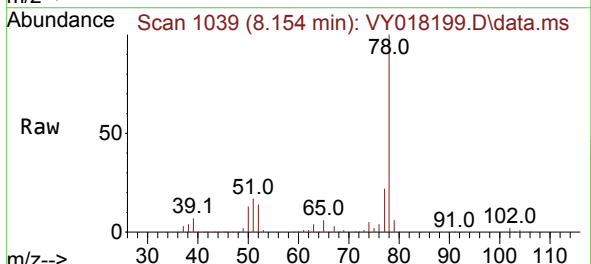
Instrument :  
MSVOA\_Y  
ClientSampleId :

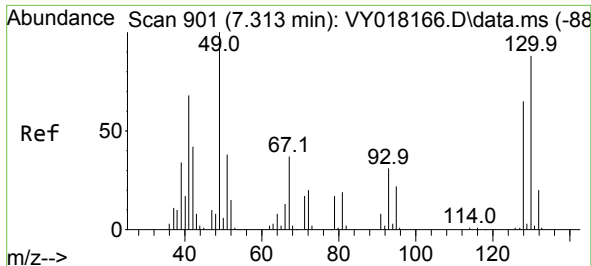
Tgt Ion: 83 Resp: 188532  
Ion Ratio Lower Upper  
83 100  
55 66.8 51.5 77.3  
98 51.9 40.5 60.7



#40  
Benzene  
Concen: 55.786 ug/l  
RT: 8.154 min Scan# 1039  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

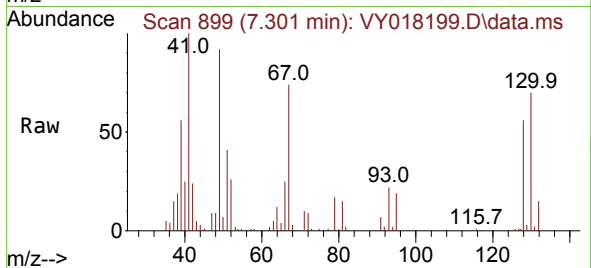
Tgt Ion: 78 Resp: 423889  
Ion Ratio Lower Upper  
78 100  
77 21.8 19.5 29.3





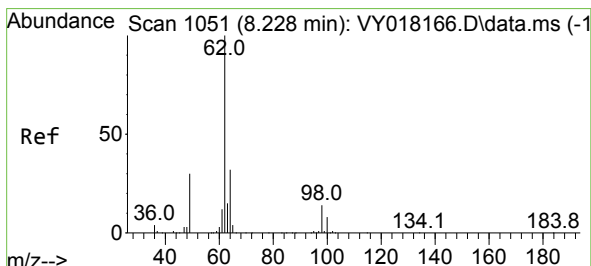
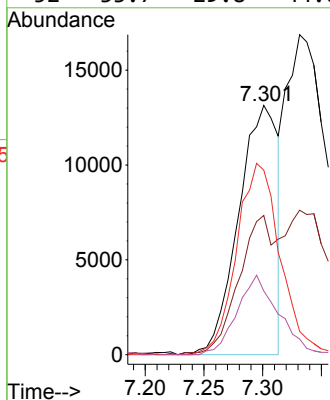
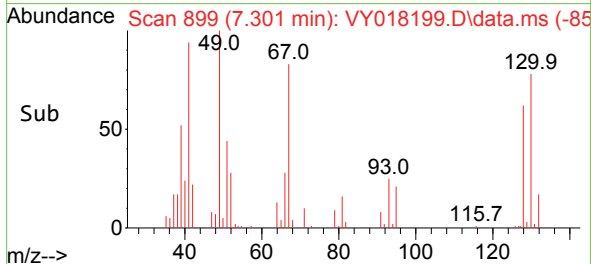
#41  
Methacrylonitrile  
Concen: 53.339 ug/l  
RT: 7.301 min Scan# 899  
Delta R.T. -0.012 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Instrument :  
MSVOA\_Y  
ClientSampleId :

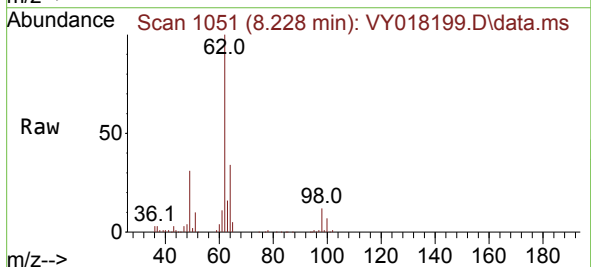


Tgt Ion: 41 Resp: 30624

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.5  | 48.0  | 72.0  |
| 67  | 86.0  | 75.1  | 112.7 |
| 52  | 33.7  | 29.8  | 44.6  |

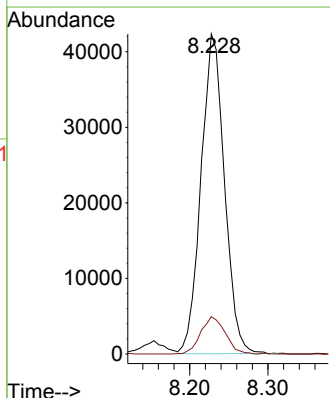
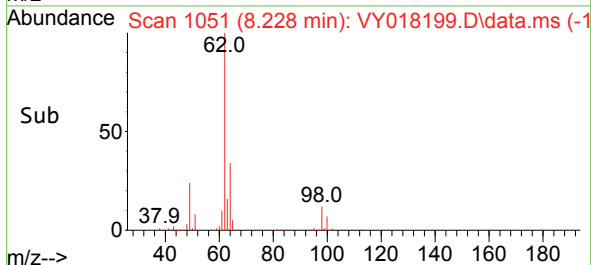


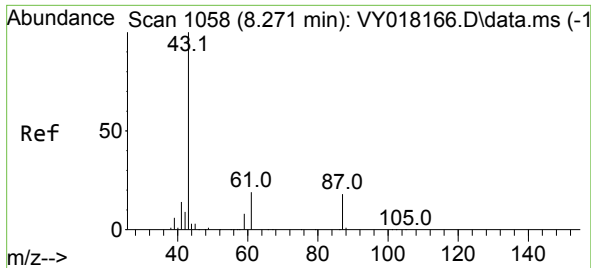
#42  
1,2-Dichloroethane  
Concen: 53.164 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36



Tgt Ion: 62 Resp: 87895

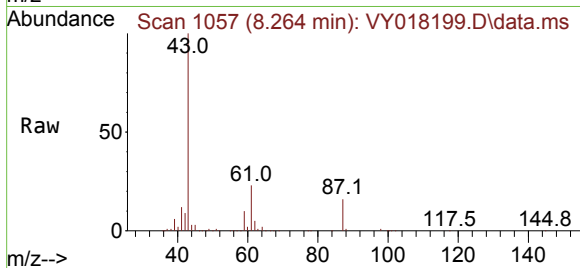
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 12.2  | 0.0   | 22.0  |



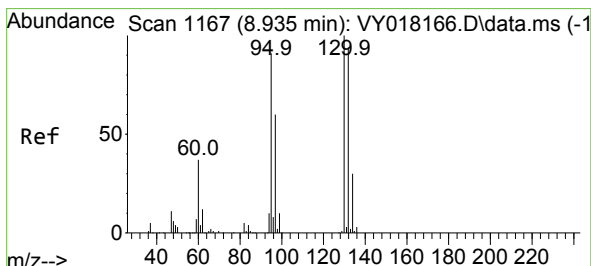
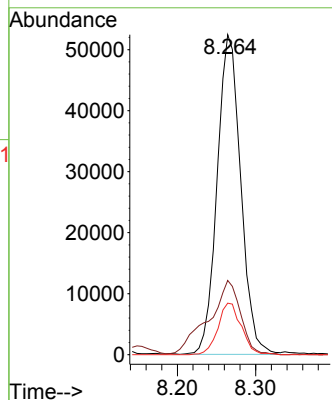
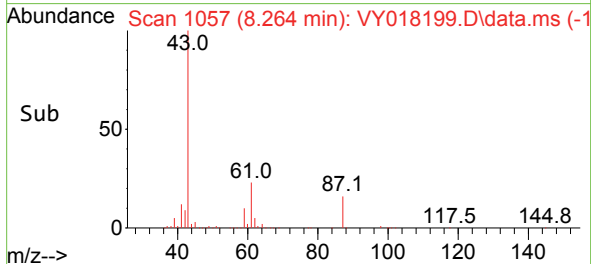


#43  
Isopropyl Acetate  
Concen: 53.854 ug/l  
RT: 8.264 min Scan# 1057  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Instrument :  
MSVOA\_Y  
ClientSampleId :

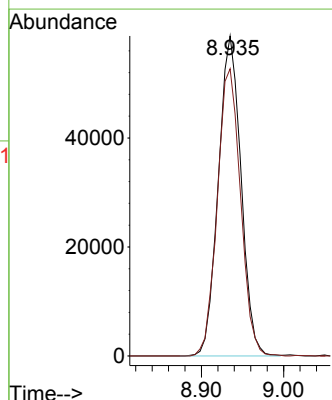
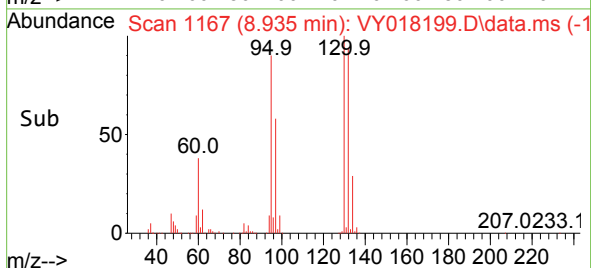
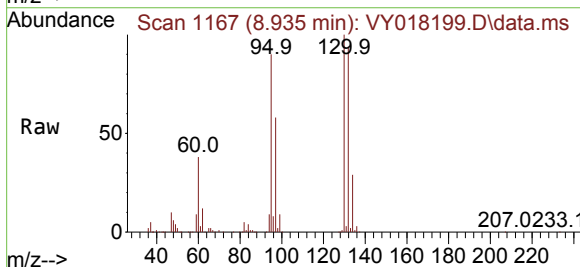


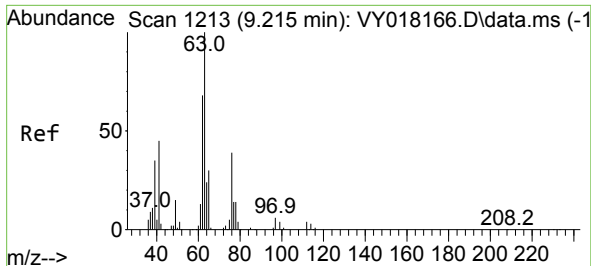
Tgt Ion: 43 Resp: 109752  
Ion Ratio Lower Upper  
43 100  
61 31.6 27.9 41.9  
87 16.0 13.1 19.7



#44  
Trichloroethene  
Concen: 54.385 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion:130 Resp: 112497  
Ion Ratio Lower Upper  
130 100  
95 89.7 0.0 188.0

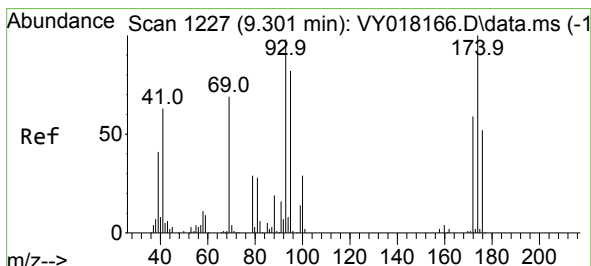
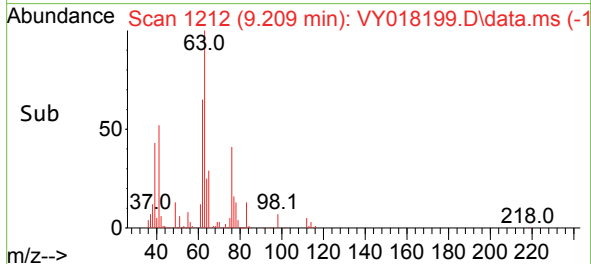
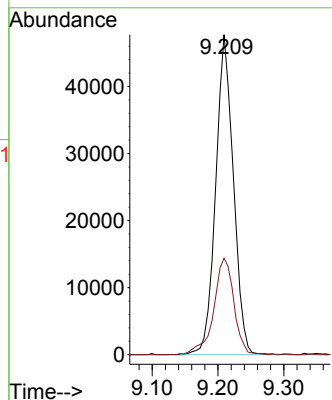
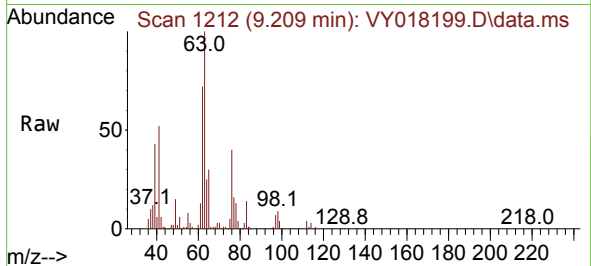




#45  
1,2-Dichloropropane  
Concen: 53.692 ug/l  
RT: 9.209 min Scan# 1212  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

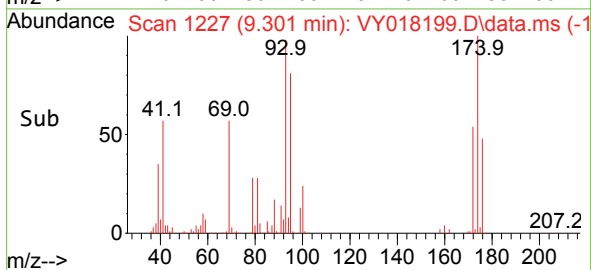
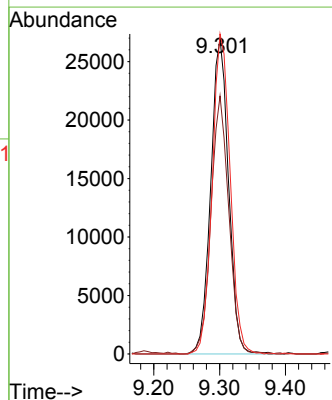
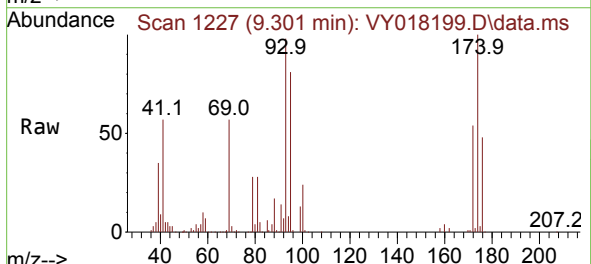
Instrument :  
MSVOA\_Y  
ClientSampleId :

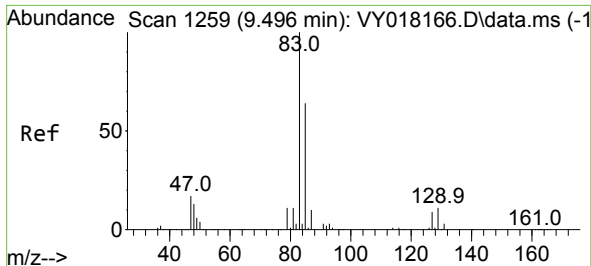
Tgt Ion: 63 Resp: 89195  
Ion Ratio Lower Upper  
63 100  
65 30.0 25.4 38.2



#46  
Dibromomethane  
Concen: 53.255 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion: 93 Resp: 50859  
Ion Ratio Lower Upper  
93 100  
95 81.7 66.2 99.4  
174 102.4 80.9 121.3





#47

Bromodichloromethane

Concen: 54.259 ug/l

RT: 9.490 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY018199.D

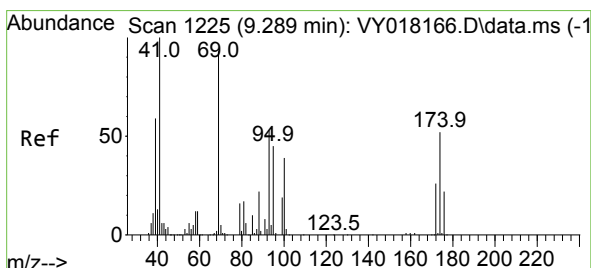
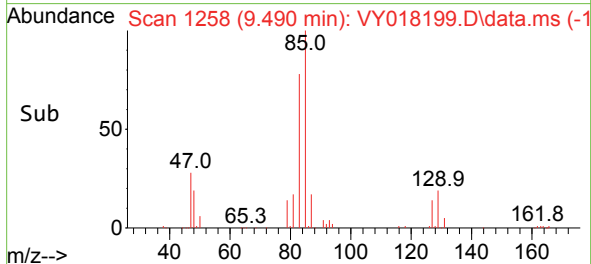
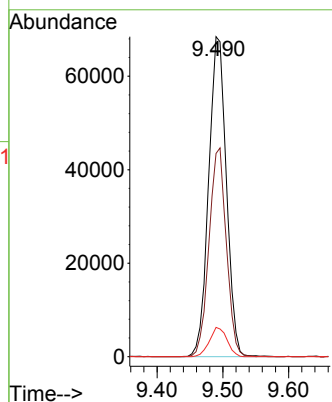
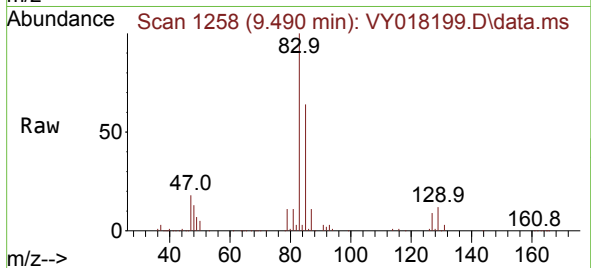
Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 128102   |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 85          | 63.5 50.1 75.1 |
| 127         | 9.1 7.4 11.0   |



#48

Methyl methacrylate

Concen: 53.249 ug/l

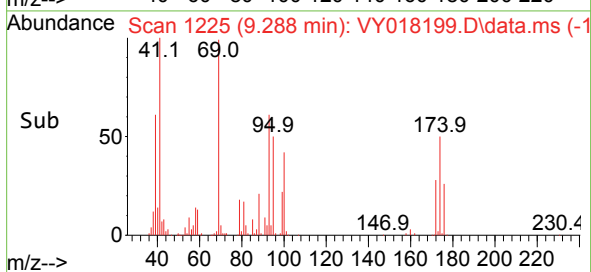
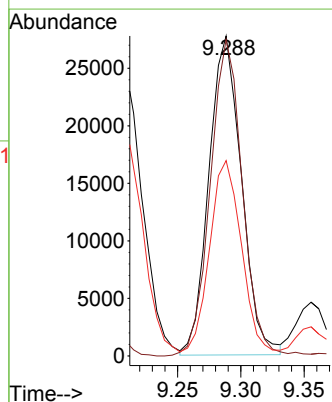
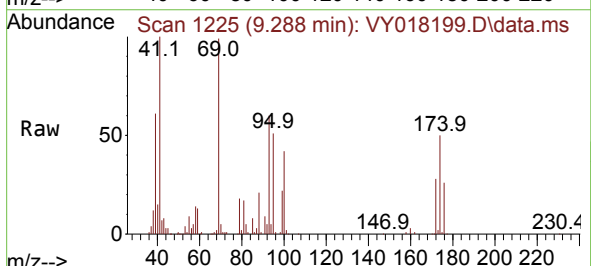
RT: 9.288 min Scan# 1225

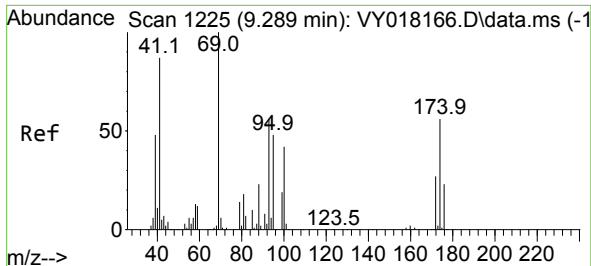
Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

|             |                 |
|-------------|-----------------|
| Tgt Ion: 41 | Resp: 49736     |
| Ion Ratio   | Lower Upper     |
| 41          | 100             |
| 69          | 97.5 84.1 126.1 |
| 39          | 58.0 43.6 65.4  |





#49

1,4-Dioxane

Concen: 1070.317 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. 0.006 min

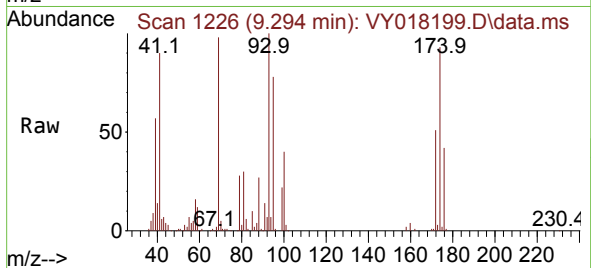
Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :



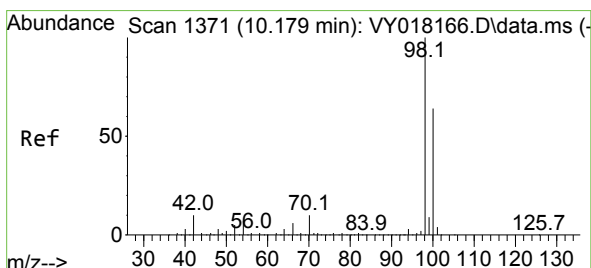
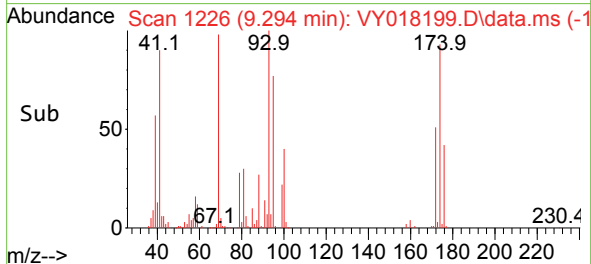
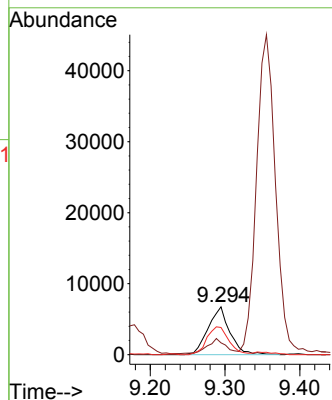
Tgt Ion: 88 Resp: 13568

Ion Ratio Lower Upper

88 100

43 27.5 0.0 0.0#

58 58.7 49.3 73.9



#50

Toluene-d8

Concen: 51.147 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018199.D

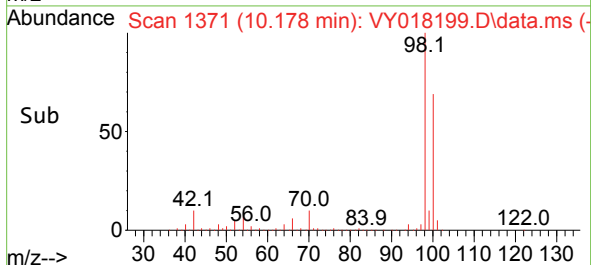
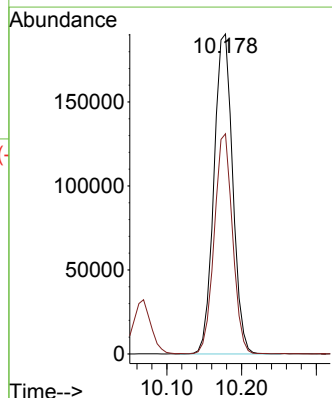
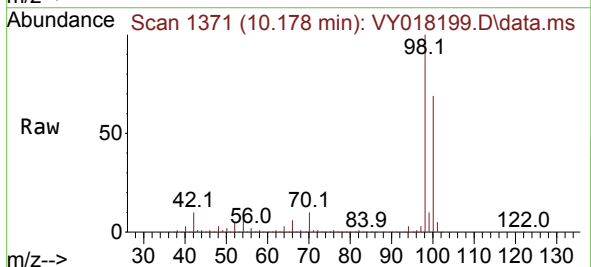
Acq: 08 May 2024 19:36

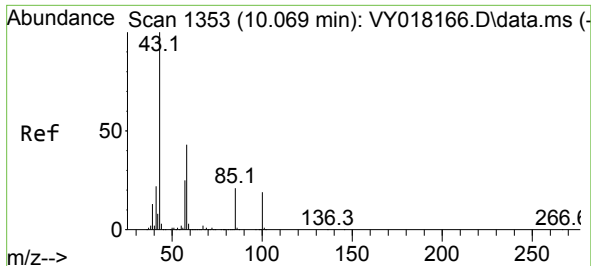
Tgt Ion: 98 Resp: 332125

Ion Ratio Lower Upper

98 100

100 66.9 52.0 78.0

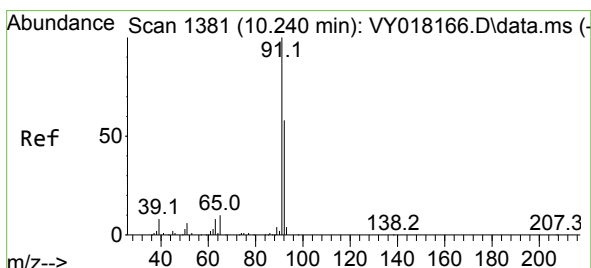
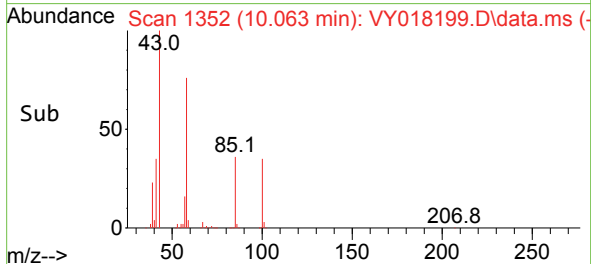
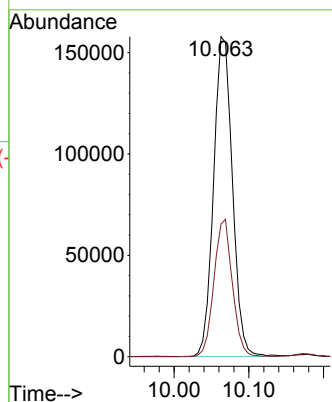
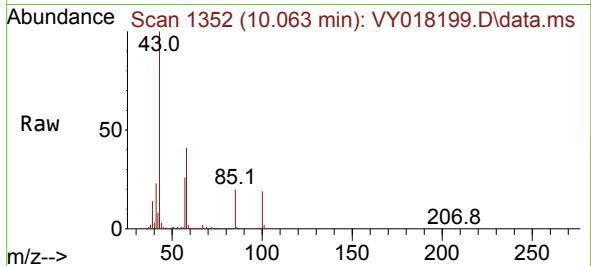




#51  
4-Methyl-2-Pentanone  
Concen: 270.284 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

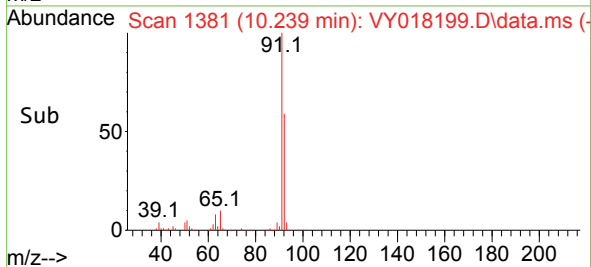
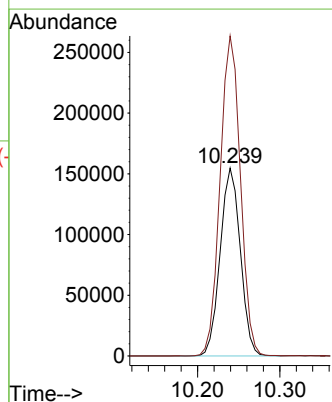
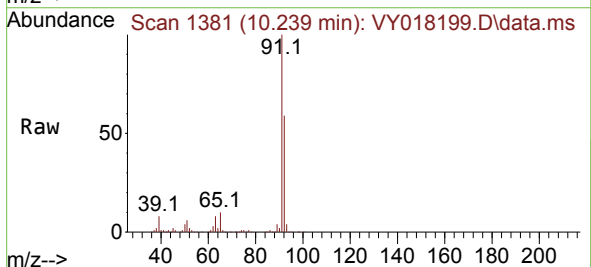
Instrument :  
MSVOA\_Y  
ClientSampleId :

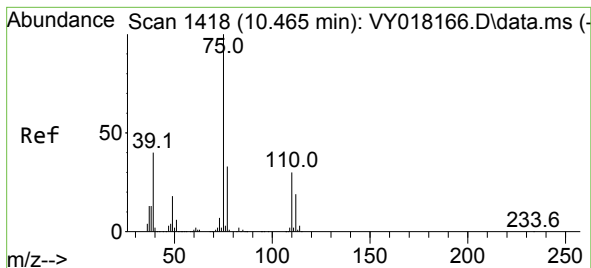
Tgt Ion: 43 Resp: 276852  
Ion Ratio Lower Upper  
43 100  
58 42.0 35.7 53.5



#52  
Toluene  
Concen: 54.029 ug/l  
RT: 10.239 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion: 92 Resp: 264300  
Ion Ratio Lower Upper  
92 100  
91 171.4 139.0 208.6

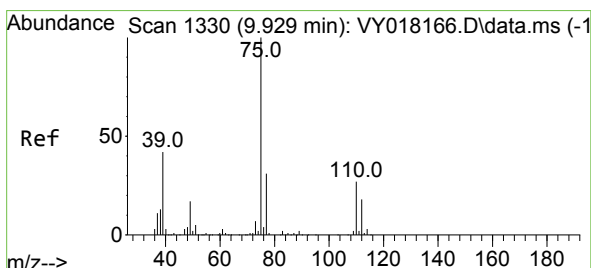
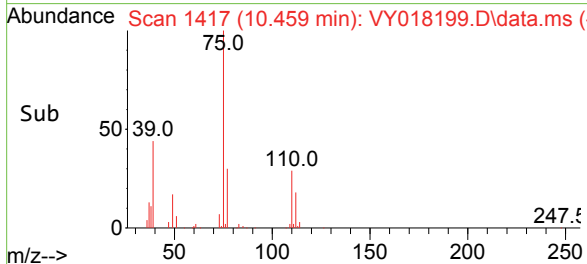
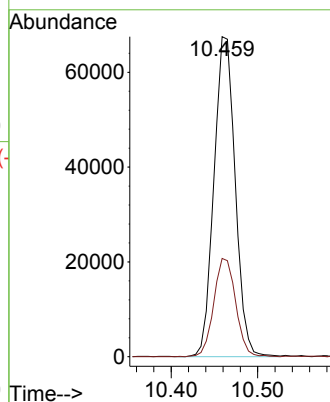
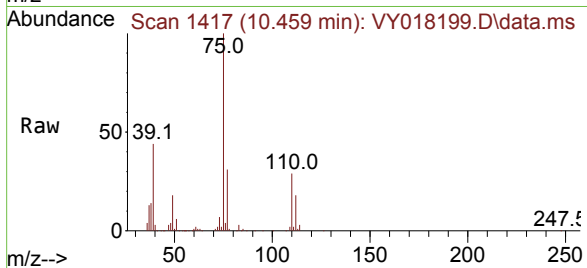




#53  
t-1,3-Dichloropropene  
Concen: 52.268 ug/l  
RT: 10.459 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

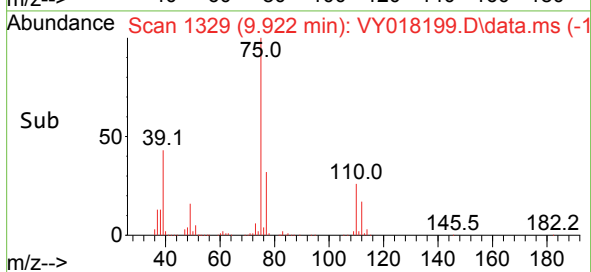
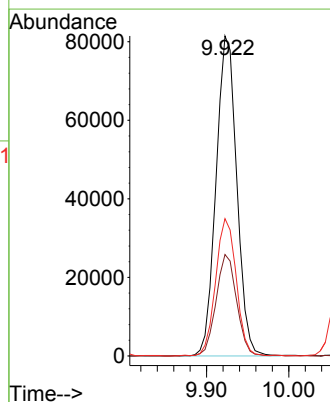
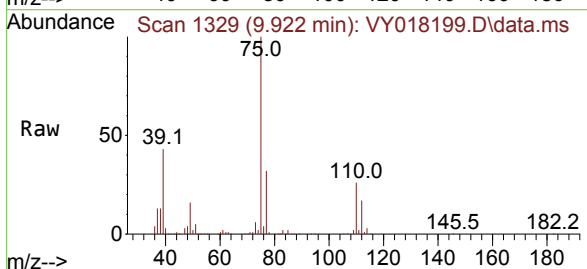
Instrument :  
MSVOA\_Y  
ClientSampleId :

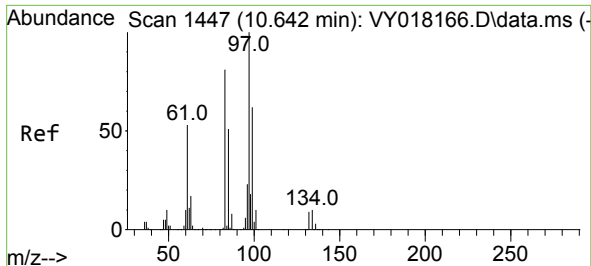
Tgt Ion: 75 Resp: 115266  
Ion Ratio Lower Upper  
75 100  
77 30.7 24.1 36.1



#54  
cis-1,3-Dichloropropene  
Concen: 53.039 ug/l  
RT: 9.922 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

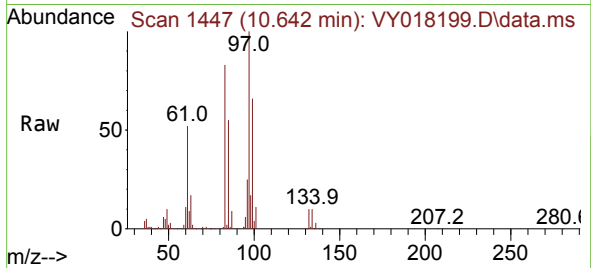
Tgt Ion: 75 Resp: 142977  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.4 38.0  
39 42.8 29.8 44.6



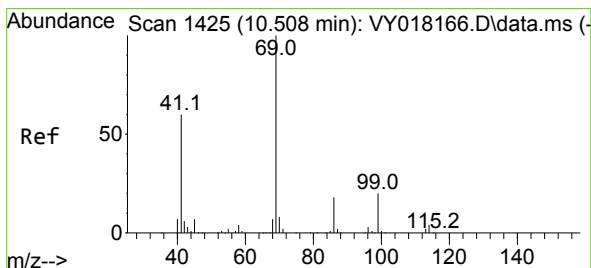
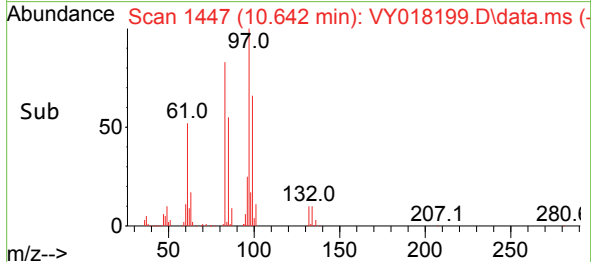
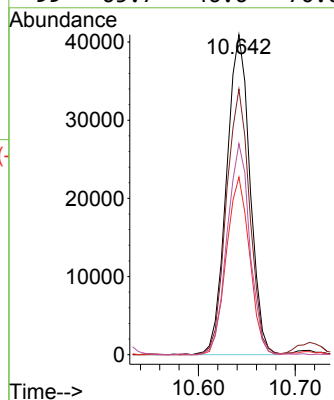


#55  
1,1,2-Trichloroethane  
Concen: 52.550 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Instrument :  
MSVOA\_Y  
ClientSampleId :

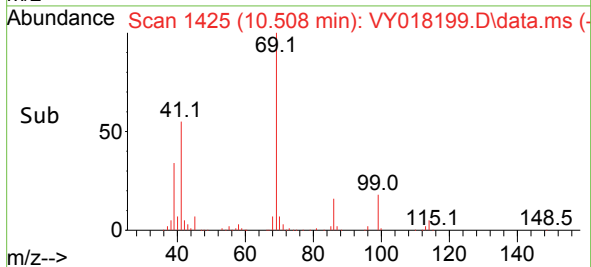
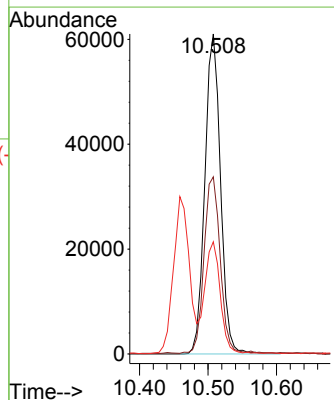
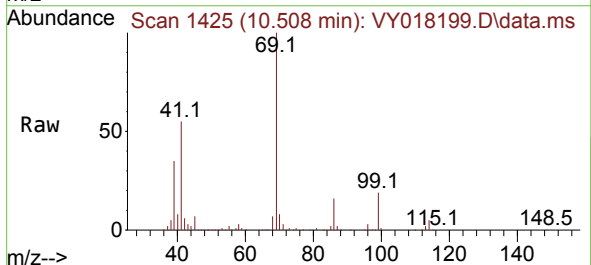


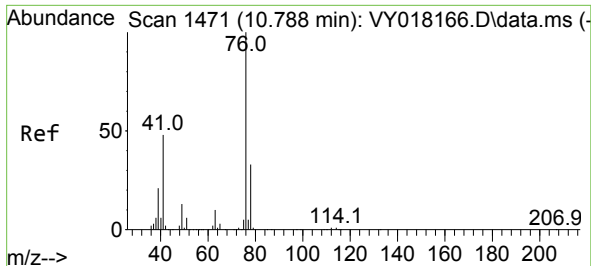
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 68942 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 83.0     | 67.5 101.3  |
| 85 55.5     | 42.9 64.3   |
| 99 65.7     | 46.6 70.0   |



#56  
Ethyl methacrylate  
Concen: 54.599 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 97282 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 56.7     | 42.3 63.5   |
| 39 34.8     | 22.9 34.3#  |





#57

1,3-Dichloropropane

Concen: 52.610 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

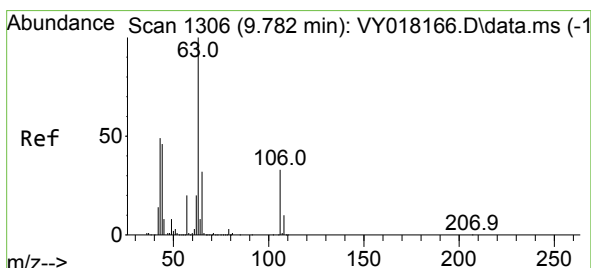
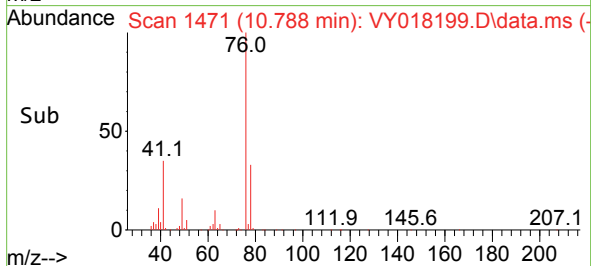
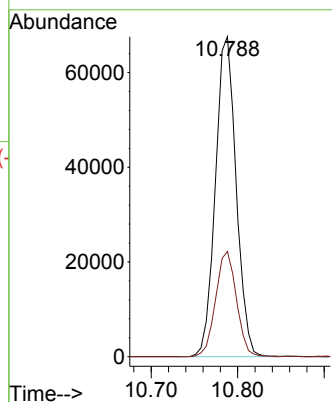
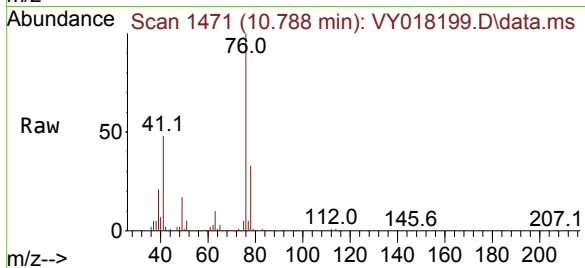
ClientSampleId :

Tgt Ion: 76 Resp: 112331

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 311.125 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY018199.D

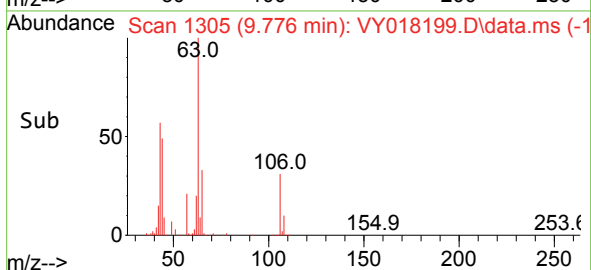
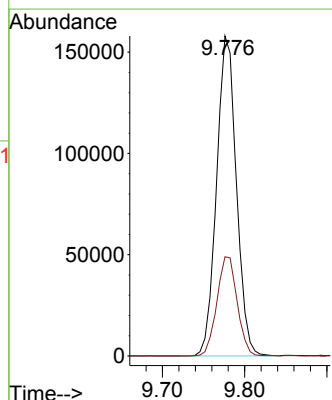
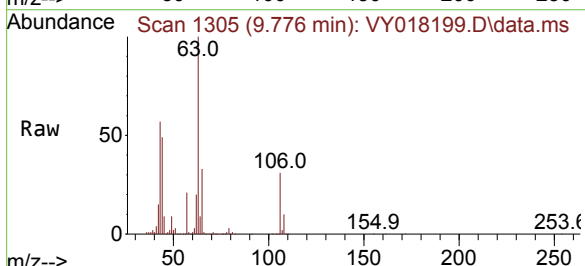
Acq: 08 May 2024 19:36

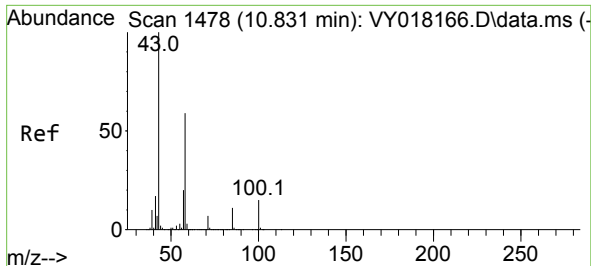
Tgt Ion: 63 Resp: 264706

Ion Ratio Lower Upper

63 100

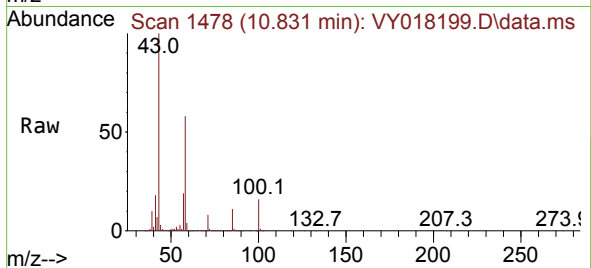
106 31.8 23.7 35.5



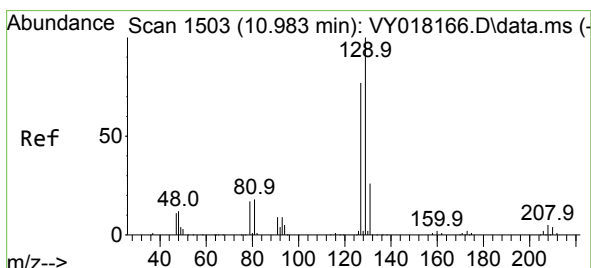
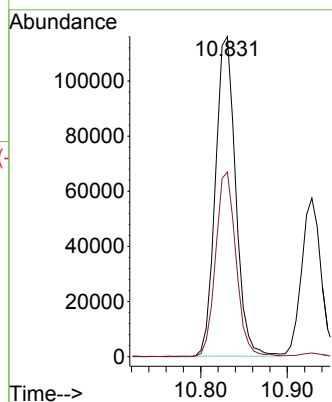
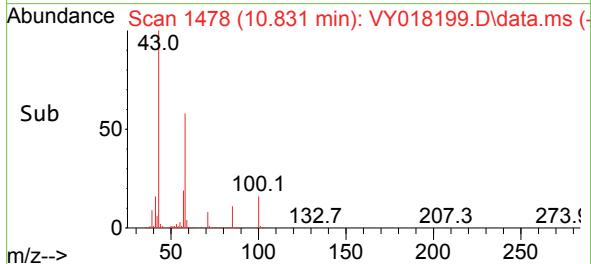


#59  
2-Hexanone  
Concen: 263.125 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Instrument :  
MSVOA\_Y  
ClientSampleId :

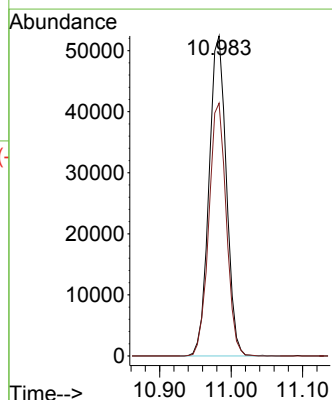
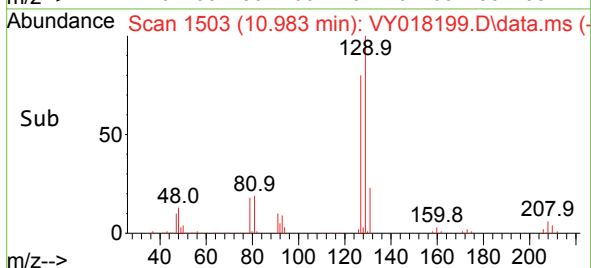
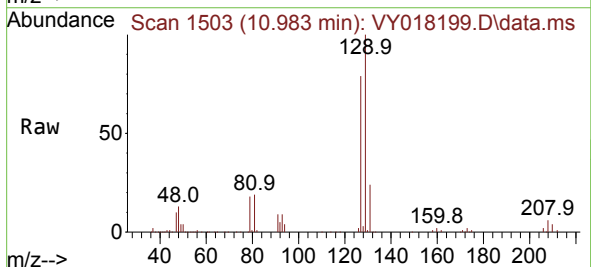


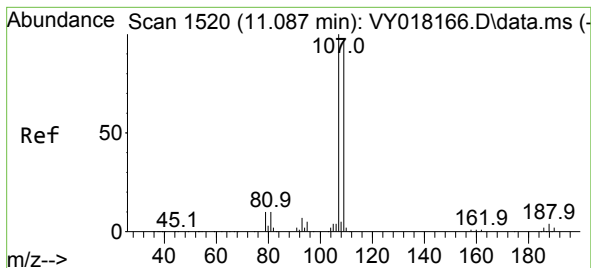
Tgt Ion: 43 Resp: 188449  
Ion Ratio Lower Upper  
43 100  
58 58.2 31.4 94.0



#60  
Dibromochloromethane  
Concen: 51.838 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion: 129 Resp: 88235  
Ion Ratio Lower Upper  
129 100  
127 79.3 39.0 117.0

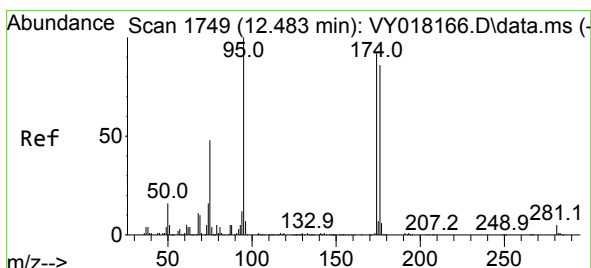
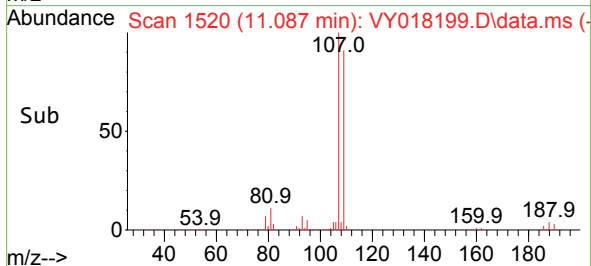
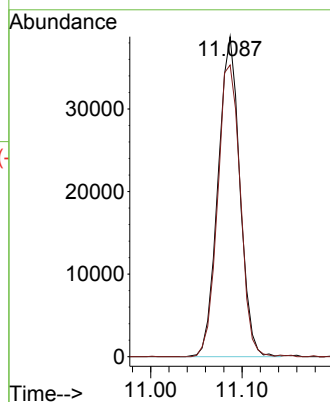
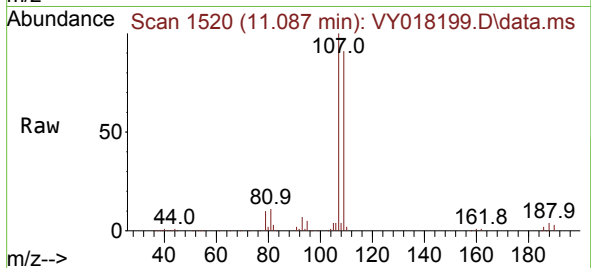




#61  
1,2-Dibromoethane  
Concen: 51.983 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

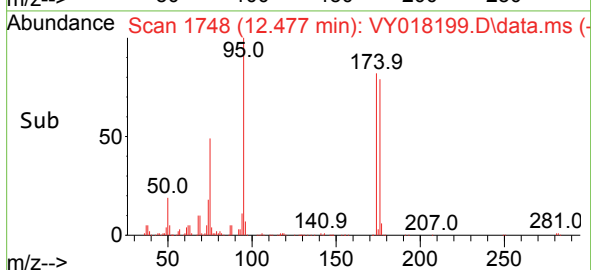
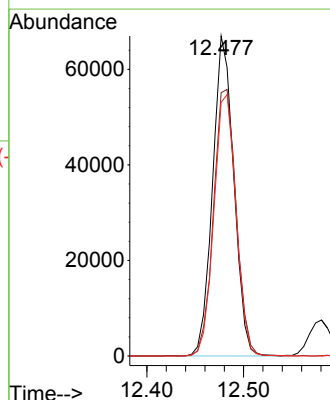
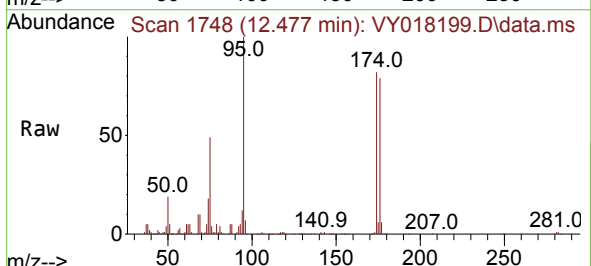
Instrument :  
MSVOA\_Y  
ClientSampleId :

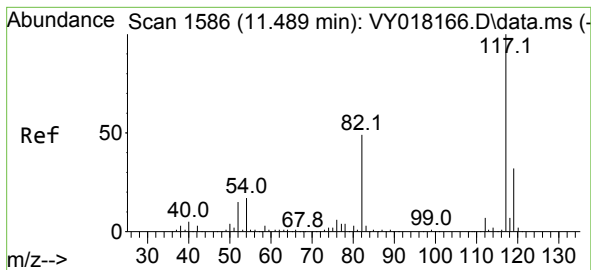
Tgt Ion:107 Resp: 64235  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 48.551 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion: 95 Resp: 101811  
Ion Ratio Lower Upper  
95 100  
174 88.9 0.0 175.6  
176 85.4 0.0 171.4

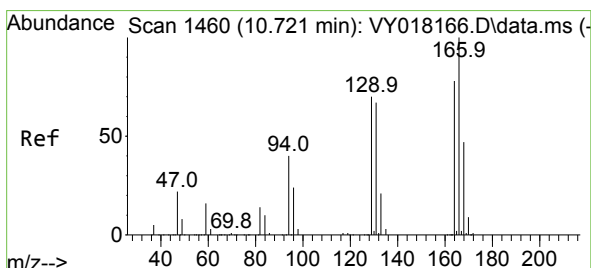
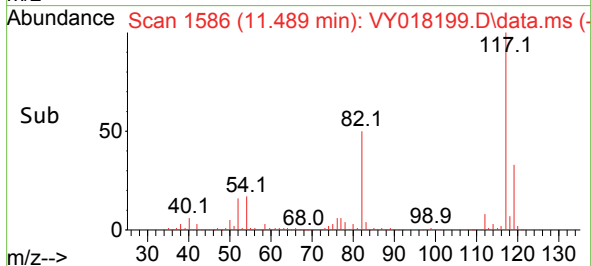
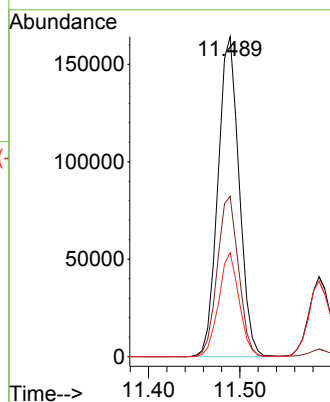
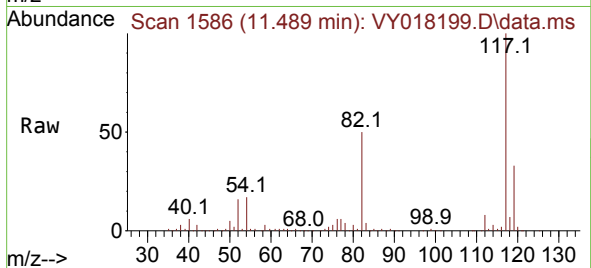




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

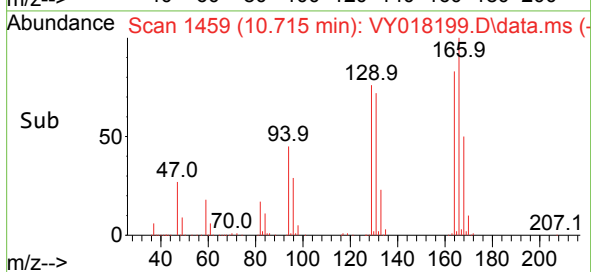
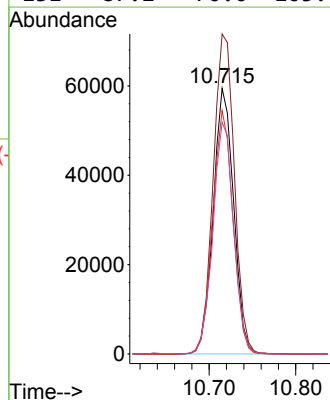
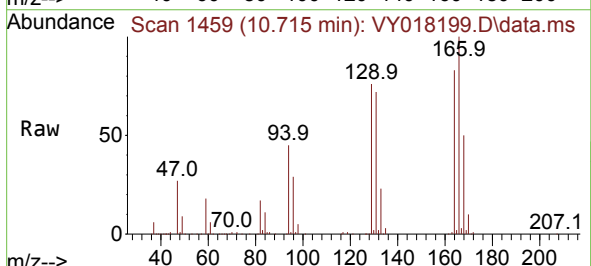
Instrument :  
MSVOA\_Y  
ClientSampleId :

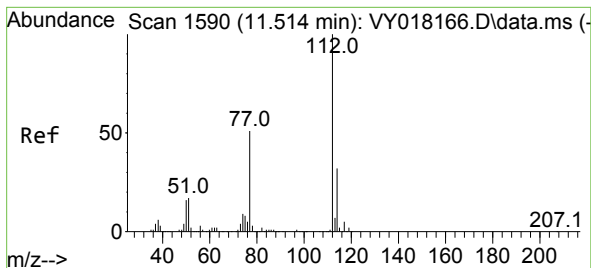
Tgt Ion:117 Resp: 263998  
Ion Ratio Lower Upper  
117 100  
82 50.1 42.4 63.6  
119 32.5 25.9 38.9



#64  
Tetrachloroethene  
Concen: 55.283 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion:164 Resp: 97172  
Ion Ratio Lower Upper  
164 100  
166 120.5 102.6 154.0  
129 91.6 72.0 108.0  
131 87.2 70.0 105.0





#65

Chlorobenzene

Concen: 53.934 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

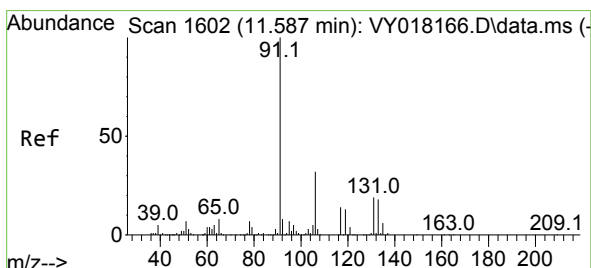
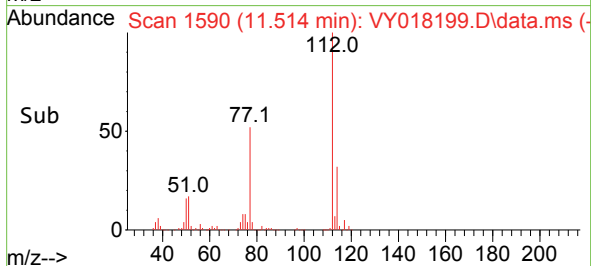
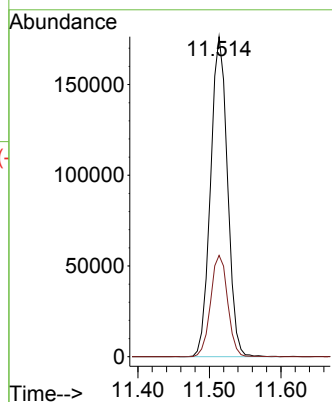
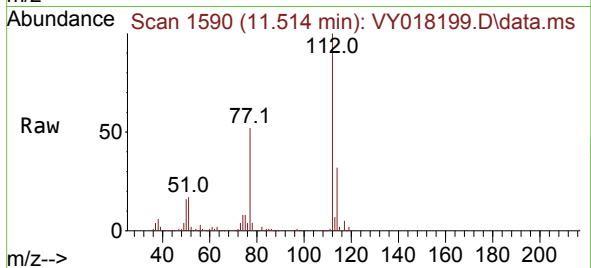
ClientSampleId :

Tgt Ion:112 Resp: 289995

Ion Ratio Lower Upper

112 100

114 31.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.427 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

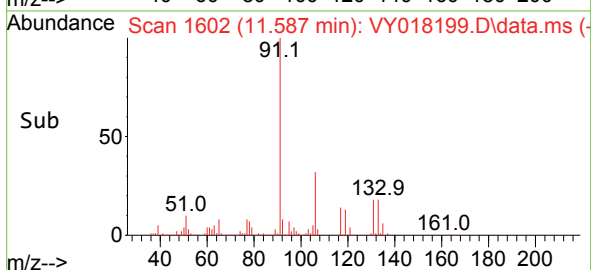
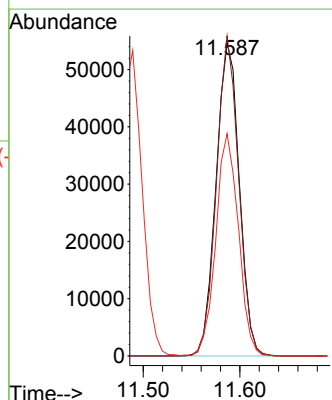
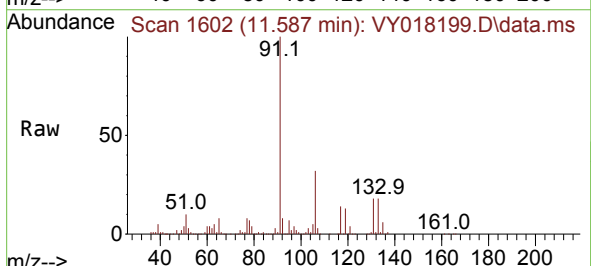
Tgt Ion:131 Resp: 91181

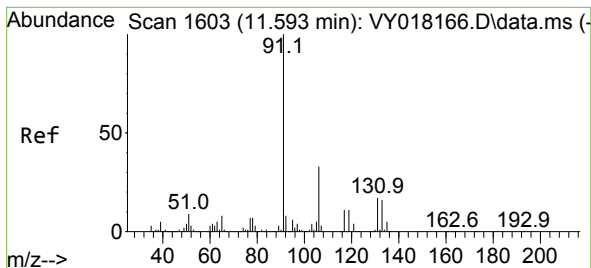
Ion Ratio Lower Upper

131 100

133 97.7 47.8 143.3

119 69.1 34.1 102.2





#67

Ethyl Benzene

Concen: 54.625 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

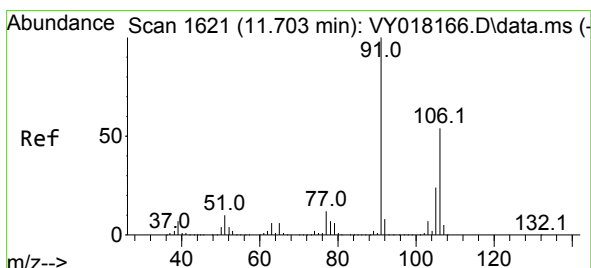
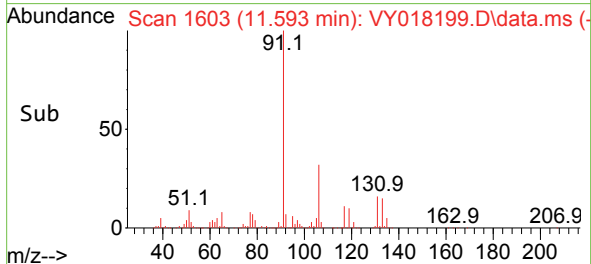
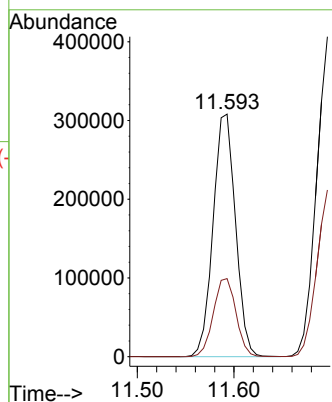
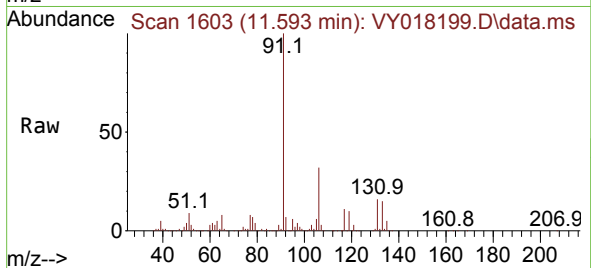
ClientSampleId :

Tgt Ion: 91 Resp: 495906

Ion Ratio Lower Upper

91 100

106 32.2 24.5 36.7



#68

m/p-Xylenes

Concen: 108.013 ug/l

RT: 11.696 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY018199.D

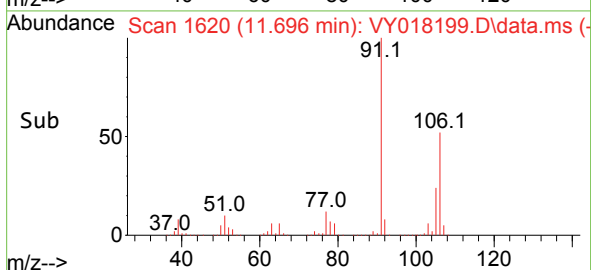
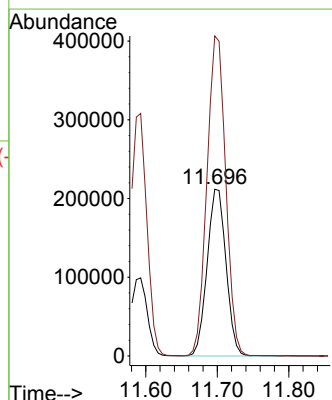
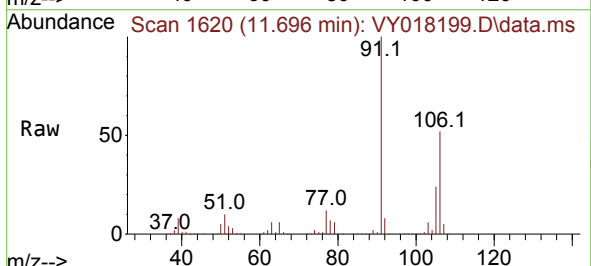
Acq: 08 May 2024 19:36

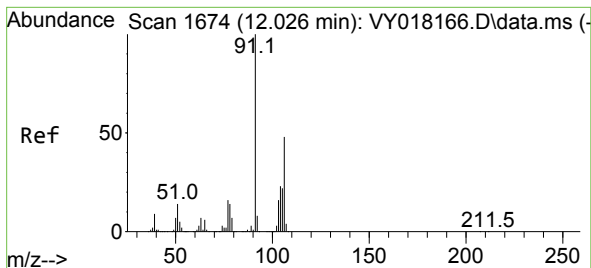
Tgt Ion:106 Resp: 387772

Ion Ratio Lower Upper

106 100

91 191.5 156.0 234.0

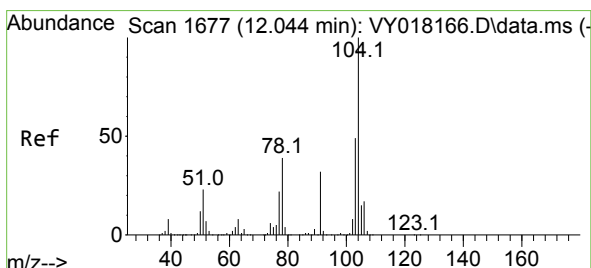
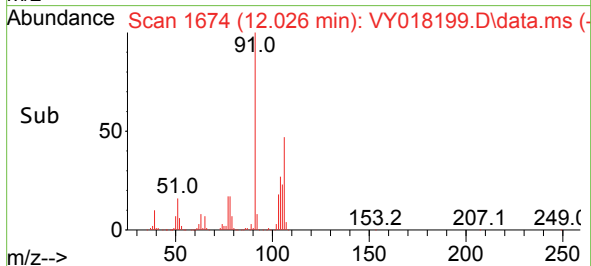
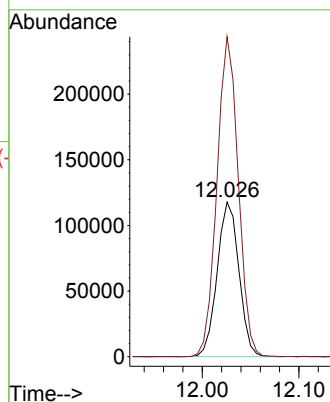
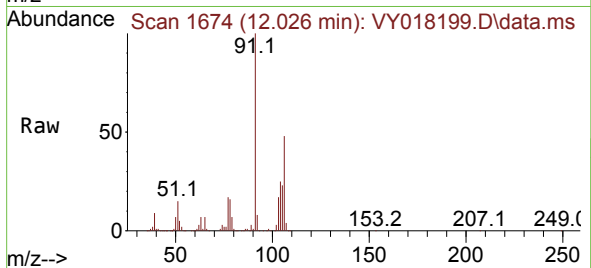




#69  
o-Xylene  
Concen: 53.321 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

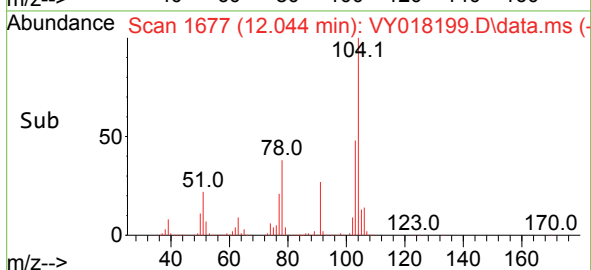
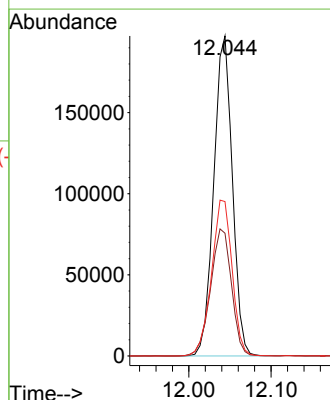
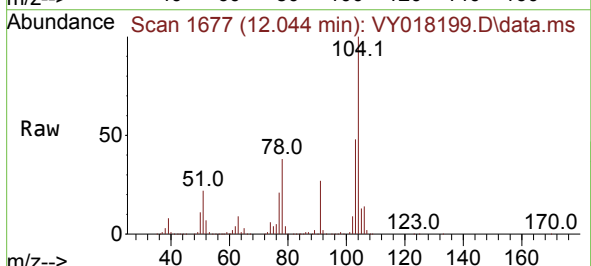
Instrument :  
MSVOA\_Y  
ClientSampleId :

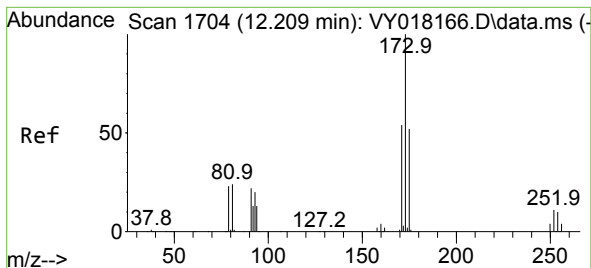
Tgt Ion:106 Resp: 183705  
Ion Ratio Lower Upper  
106 100  
91 202.9 103.6 310.8



#70  
Styrene  
Concen: 53.835 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion:104 Resp: 309745  
Ion Ratio Lower Upper  
104 100  
78 44.8 37.0 55.4  
103 54.0 44.2 66.2





#71

Bromoform

Concen: 52.099 ug/l

RT: 12.202 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018199.D

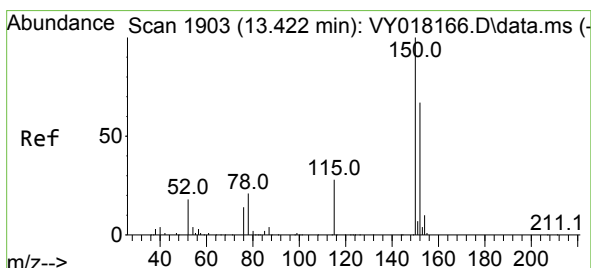
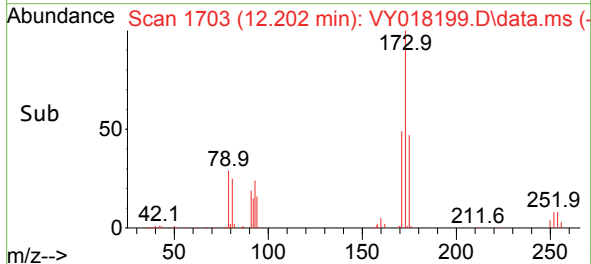
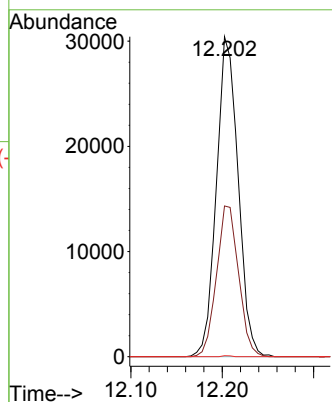
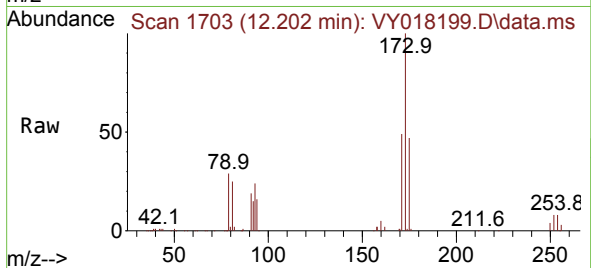
Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion:173 Resp: 50135  
 Ion Ratio Lower Upper  
 173 100  
 175 48.0 25.1 75.3  
 254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

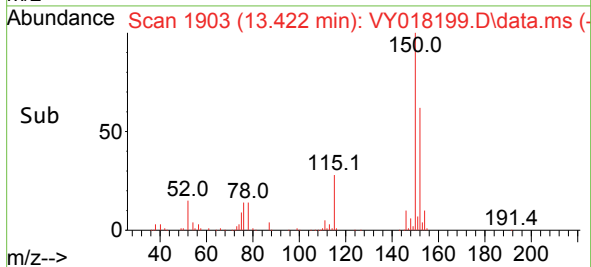
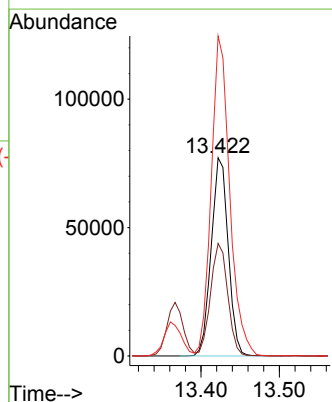
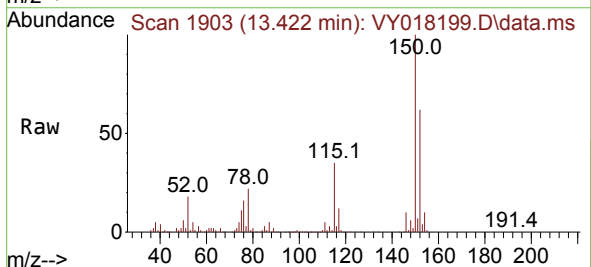
RT: 13.422 min Scan# 1903

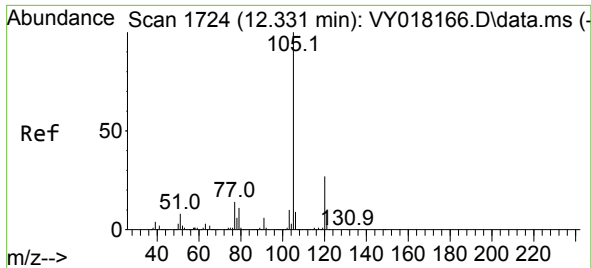
Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

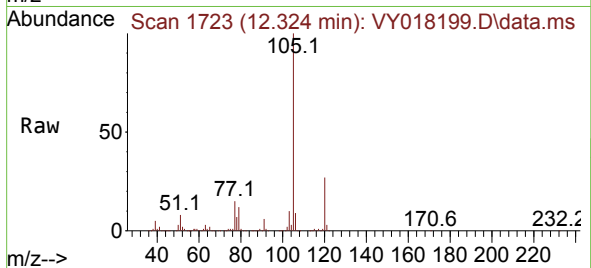
Tgt Ion:152 Resp: 116428  
 Ion Ratio Lower Upper  
 152 100  
 115 57.5 28.2 84.7  
 150 175.5 0.0 345.6



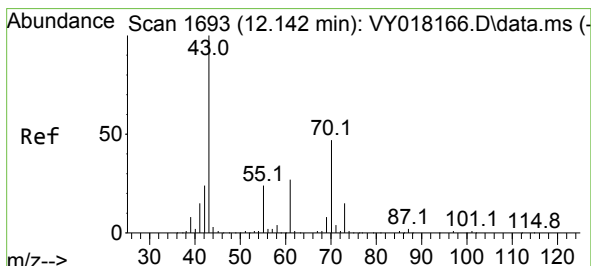
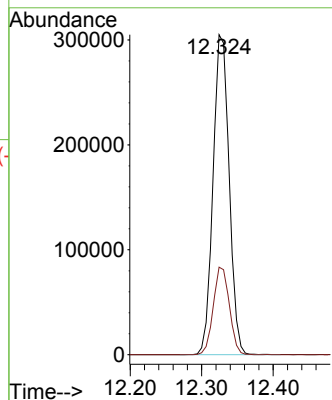
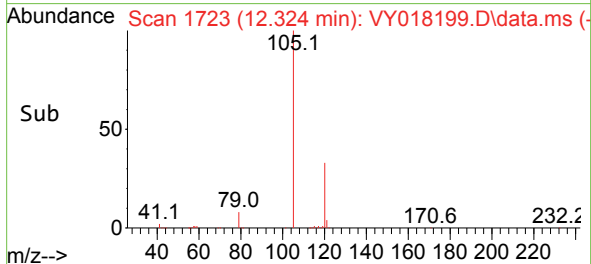


#73  
Isopropylbenzene  
Concen: 54.535 ug/l  
RT: 12.324 min Scan# 1723  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Instrument :  
MSVOA\_Y  
ClientSampleId :

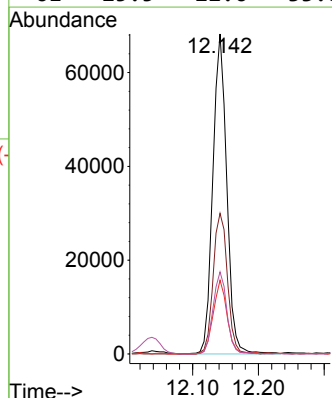
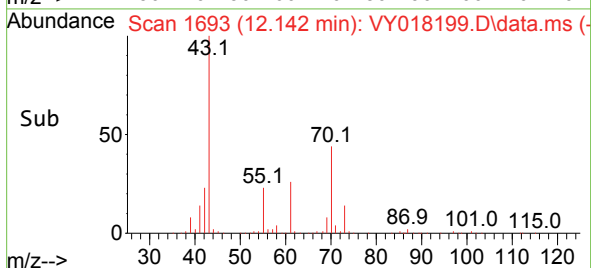
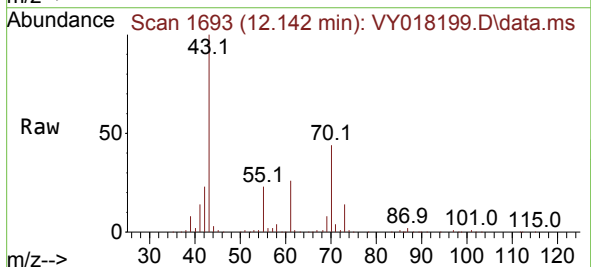


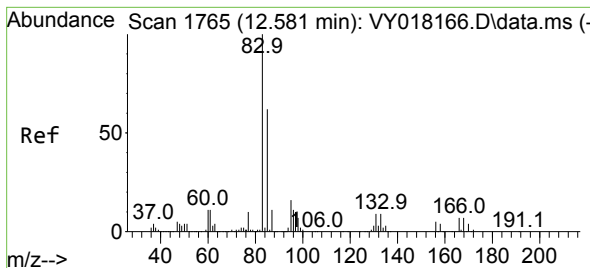
Tgt Ion:105 Resp: 476055  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.4 40.1



#74  
N-ethyl acetate  
Concen: 55.590 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion: 43 Resp: 100734  
Ion Ratio Lower Upper  
43 100  
70 45.2 41.4 62.2  
55 22.9 23.3 34.9#  
61 25.5 22.6 33.8

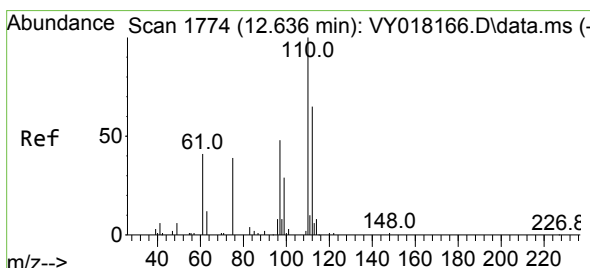
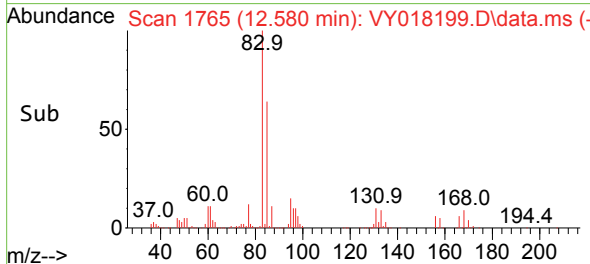
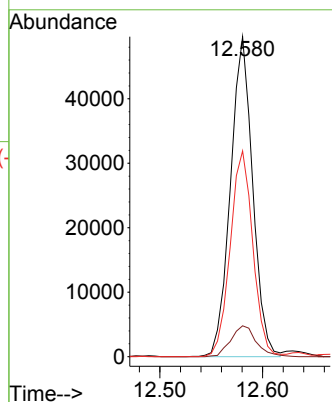
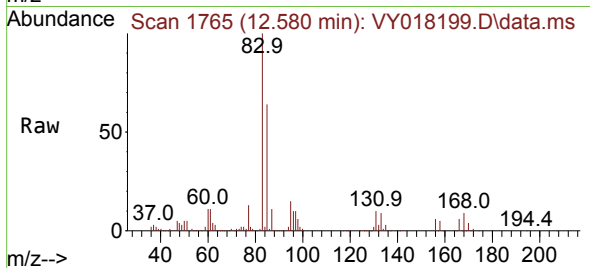




#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.619 ug/l  
RT: 12.580 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

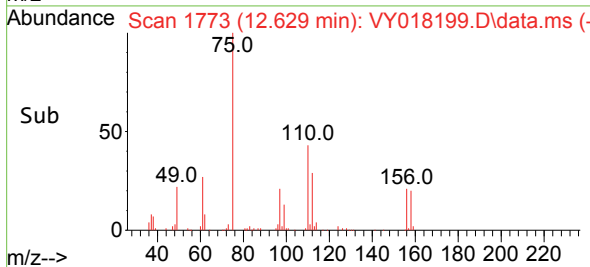
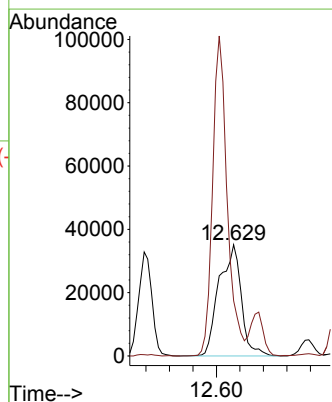
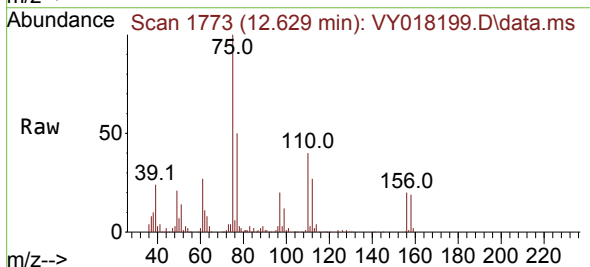
Instrument :  
MSVOA\_Y  
ClientSampleId :

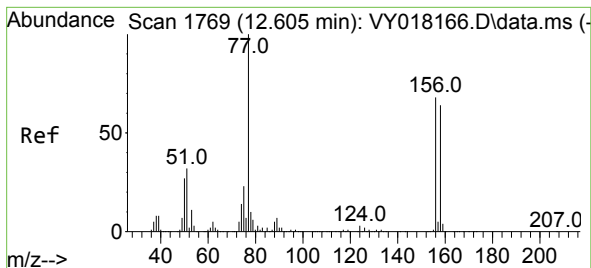
Tgt Ion: 83 Resp: 74665  
Ion Ratio Lower Upper  
83 100  
131 11.1 5.0 14.9  
85 65.5 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 99.136 ug/l  
RT: 12.629 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion: 75 Resp: 92388  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.290 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :

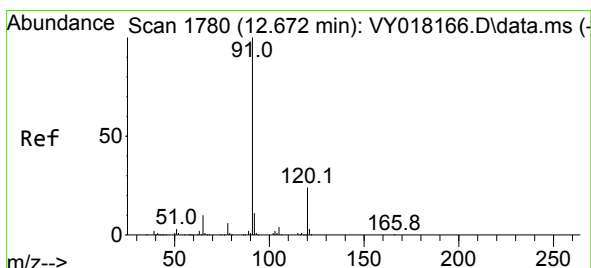
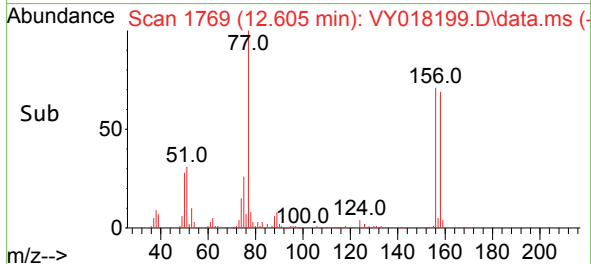
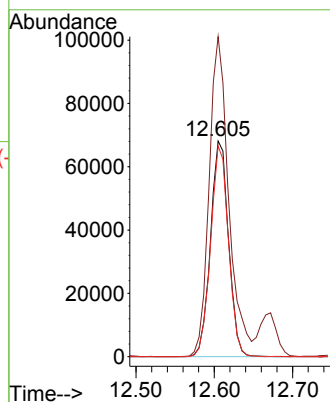
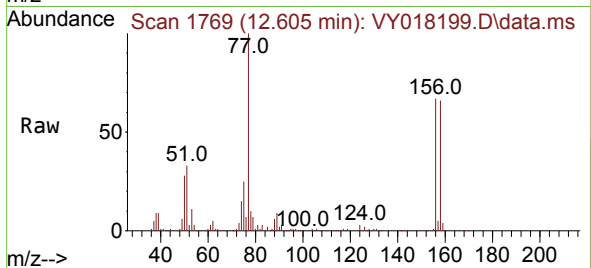
Tgt Ion:156 Resp: 108873

Ion Ratio Lower Upper

156 100

77 160.9 87.1 261.3

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 54.212 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY018199.D

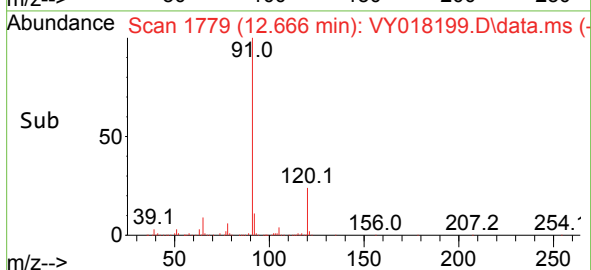
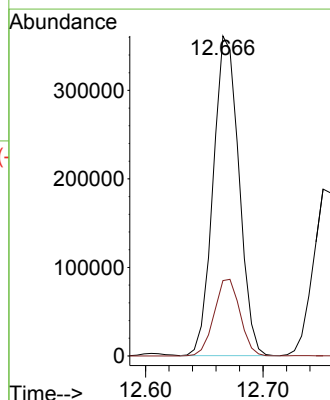
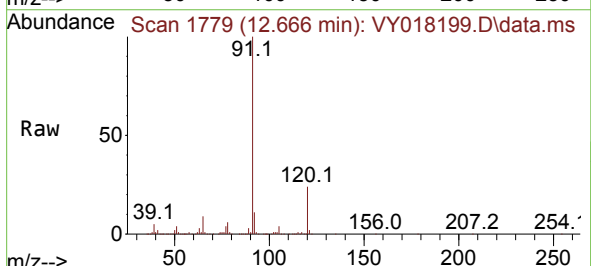
Acq: 08 May 2024 19:36

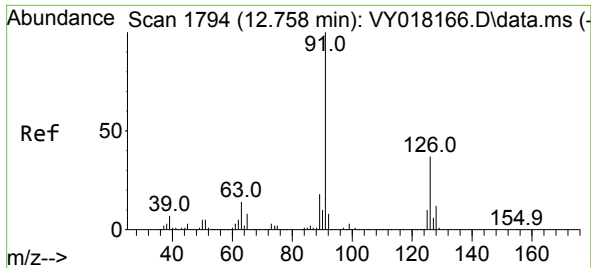
Tgt Ion: 91 Resp: 550437

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.4

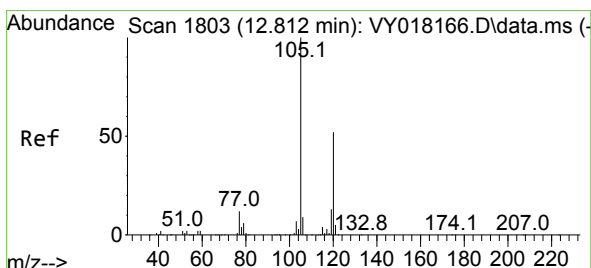
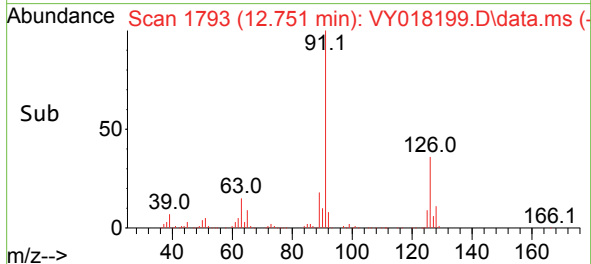
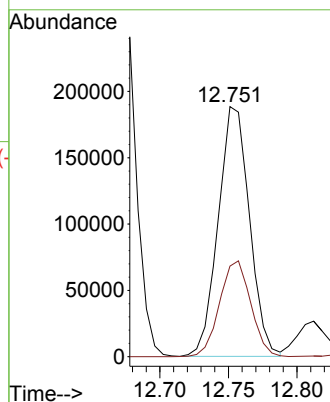
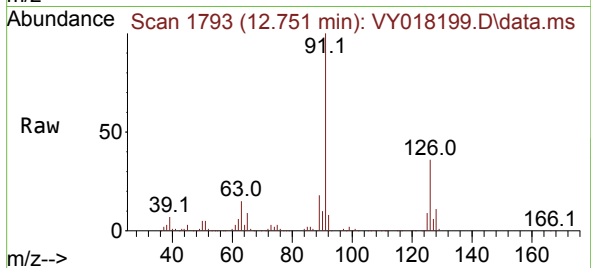




#79  
2-Chlorotoluene  
Concen: 53.102 ug/l  
RT: 12.751 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

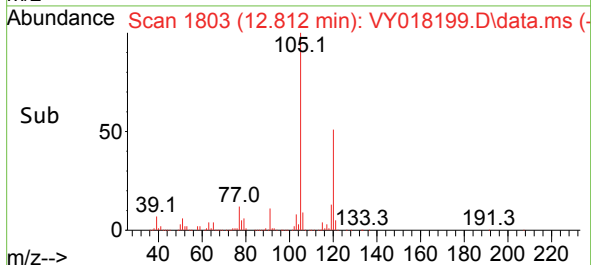
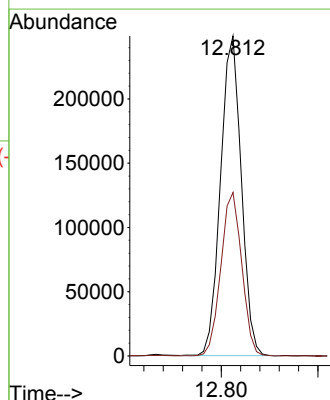
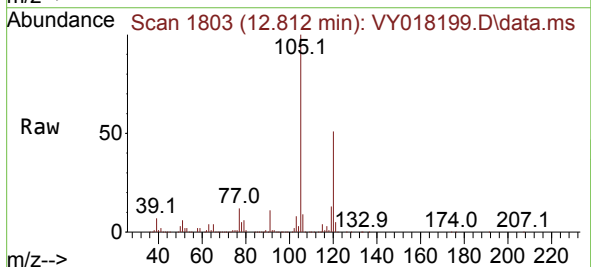
Instrument :  
MSVOA\_Y  
ClientSampleId :

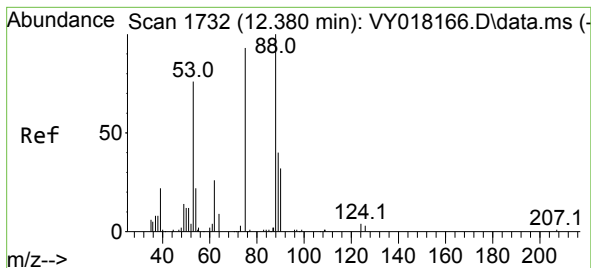
Tgt Ion: 91 Resp: 299615  
Ion Ratio Lower Upper  
91 100  
126 38.1 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 53.666 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion:105 Resp: 369397  
Ion Ratio Lower Upper  
105 100  
120 51.6 25.1 75.2

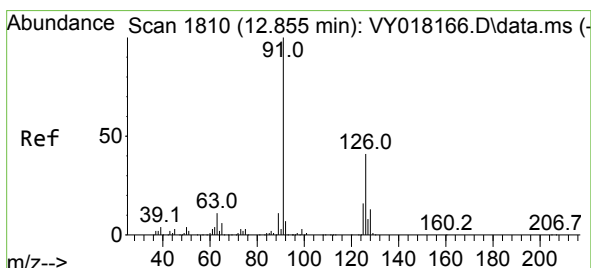
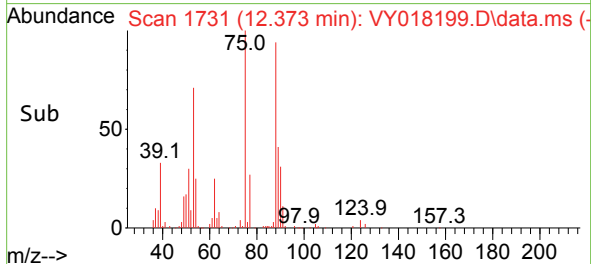
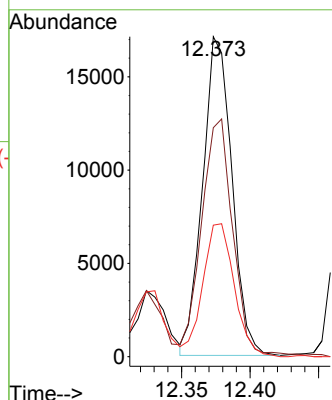
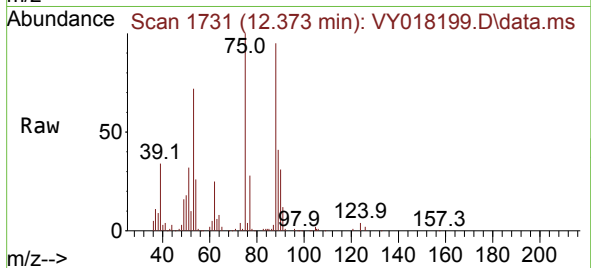




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.495 ug/l  
RT: 12.373 min Scan# 1731  
Delta R.T. -0.006 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

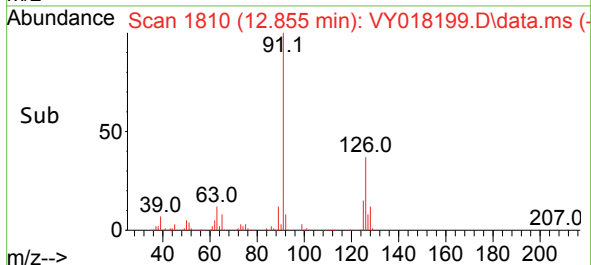
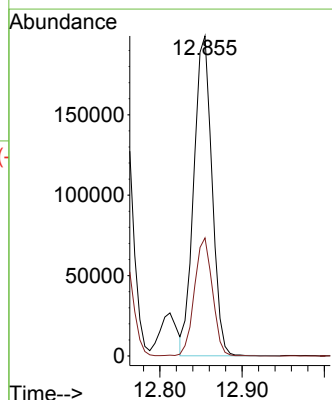
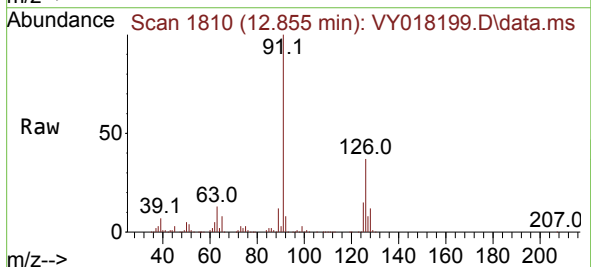
Instrument :  
MSVOA\_Y  
ClientSampleId :

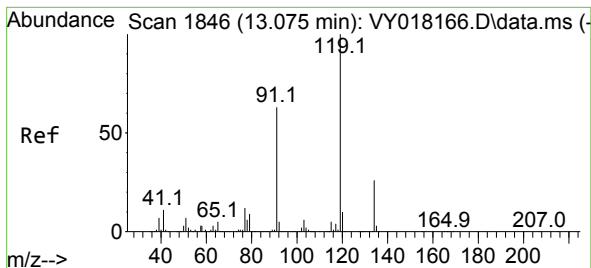
Tgt Ion: 75 Resp: 25392  
Ion Ratio Lower Upper  
75 100  
53 80.0 66.8 100.2  
89 44.9 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 53.767 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY018199.D  
Acq: 08 May 2024 19:36

Tgt Ion: 91 Resp: 304722  
Ion Ratio Lower Upper  
91 100  
126 36.8 17.6 52.9





#83

tert-Butylbenzene

Concen: 55.280 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :

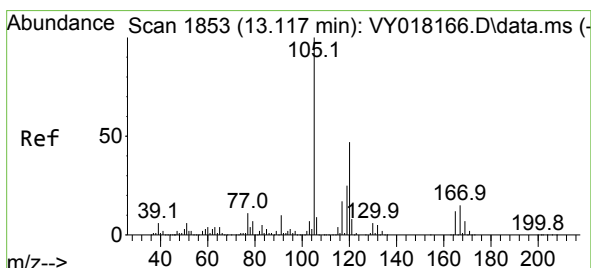
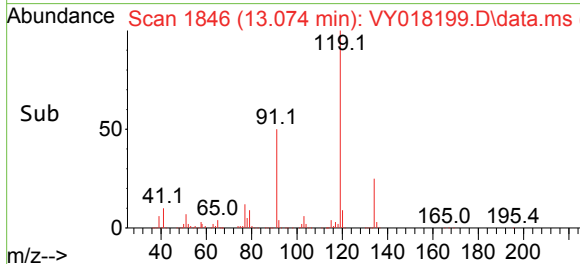
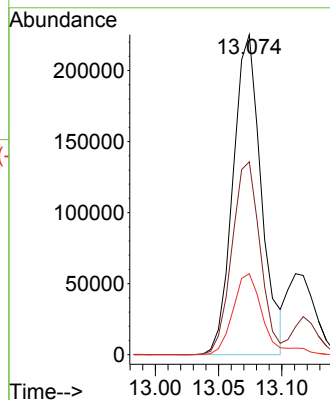
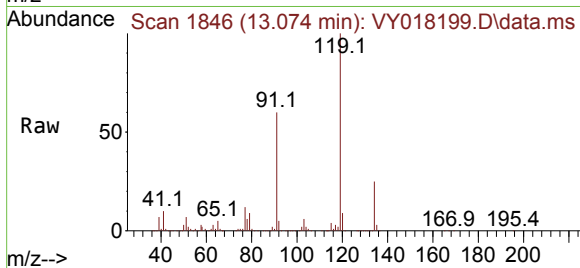
Tgt Ion:119 Resp: 350975

Ion Ratio Lower Upper

119 100

91 60.2 31.3 93.8

134 27.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.298 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY018199.D

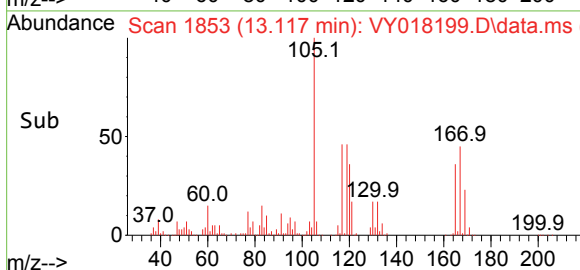
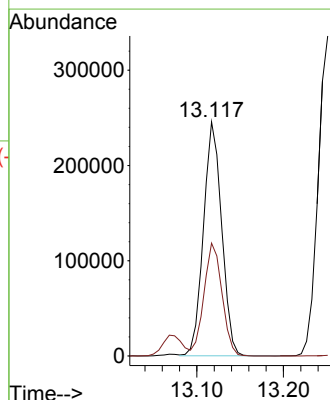
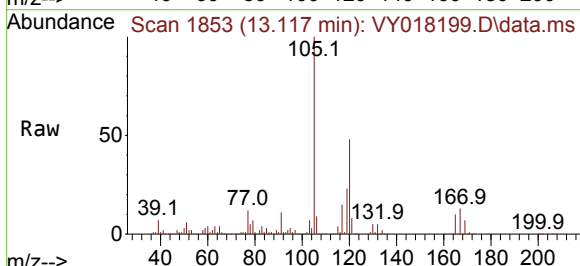
Acq: 08 May 2024 19:36

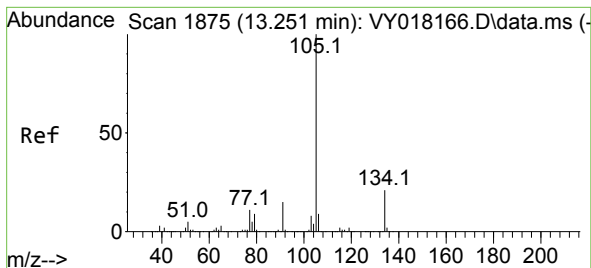
Tgt Ion:105 Resp: 359370

Ion Ratio Lower Upper

105 100

120 47.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.826 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

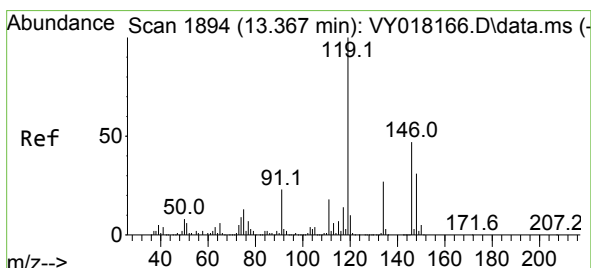
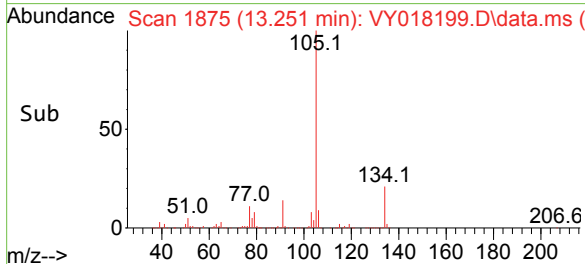
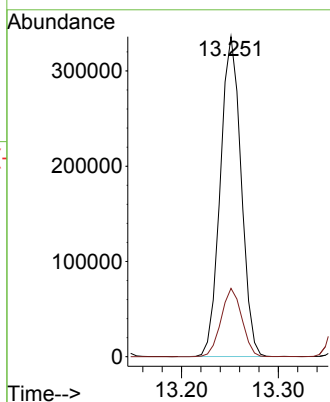
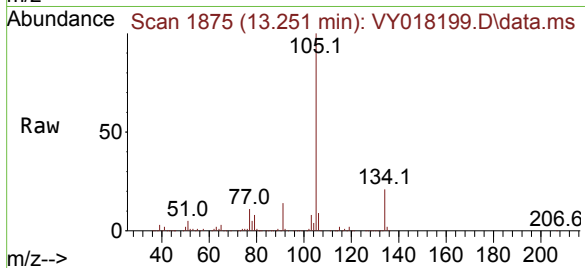
ClientSampleId :

Tgt Ion:105 Resp: 501278

Ion Ratio Lower Upper

105 100

134 21.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.950 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

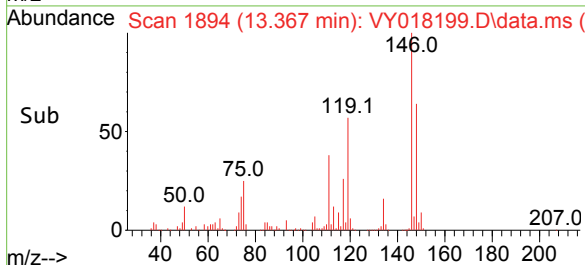
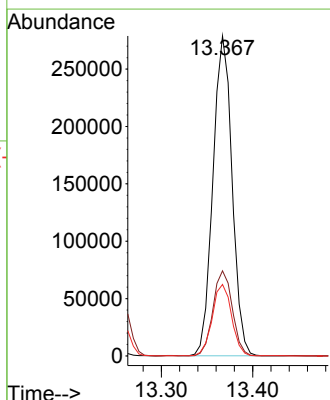
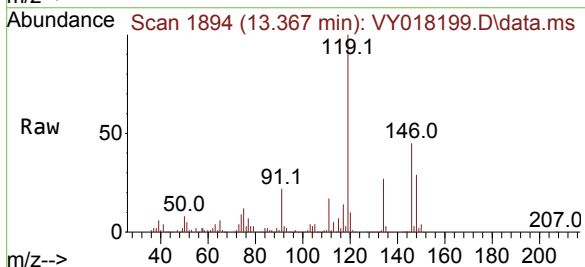
Tgt Ion:119 Resp: 405667

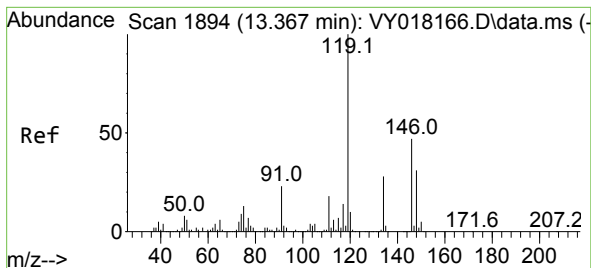
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 22.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.285 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :

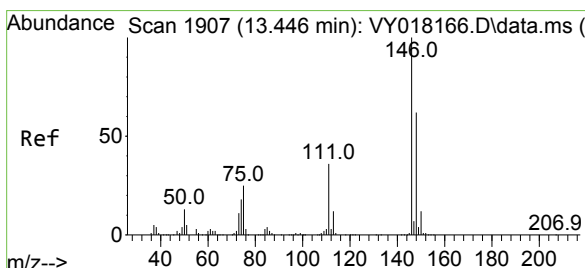
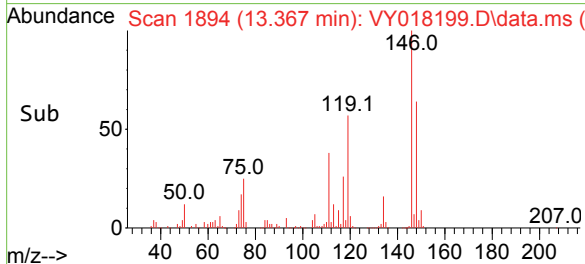
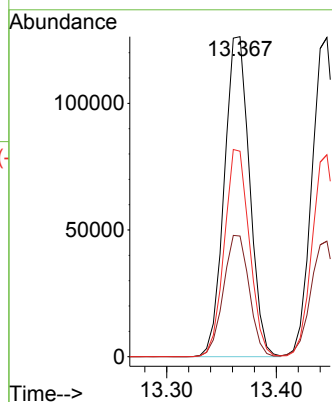
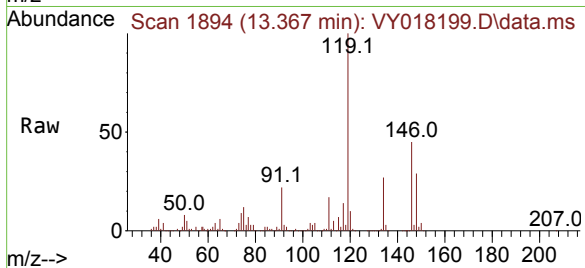
Tgt Ion:146 Resp: 202493

Ion Ratio Lower Upper

146 100

111 38.7 19.0 57.0

148 64.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 53.095 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

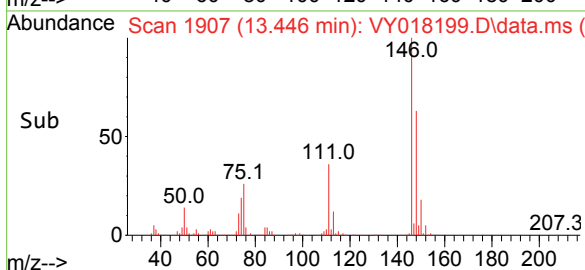
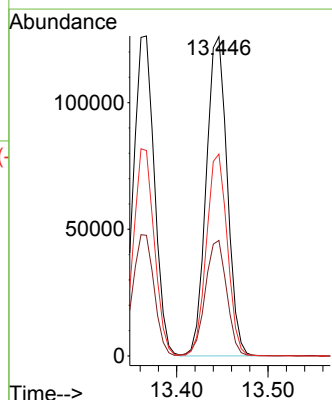
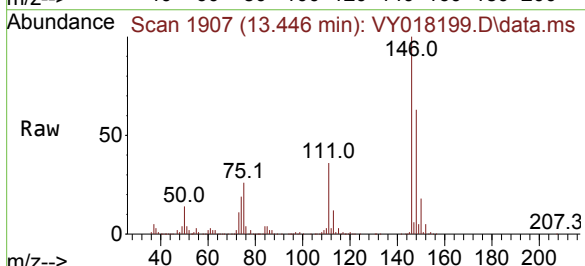
Tgt Ion:146 Resp: 200459

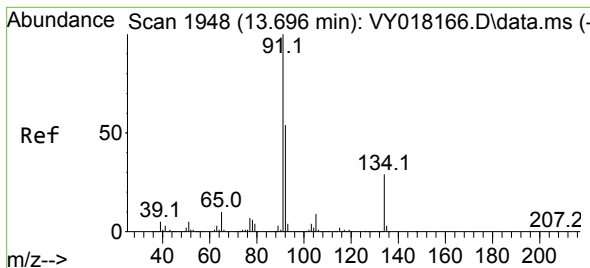
Ion Ratio Lower Upper

146 100

111 37.0 18.4 55.4

148 63.1 32.4 97.2





#89

n-Butylbenzene

Concen: 52.270 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :

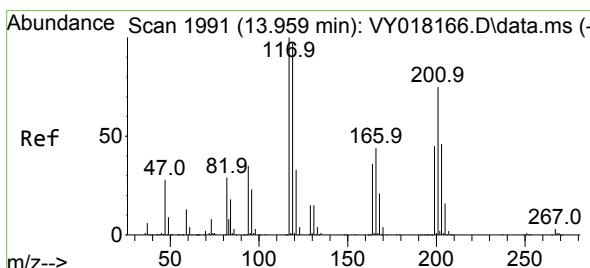
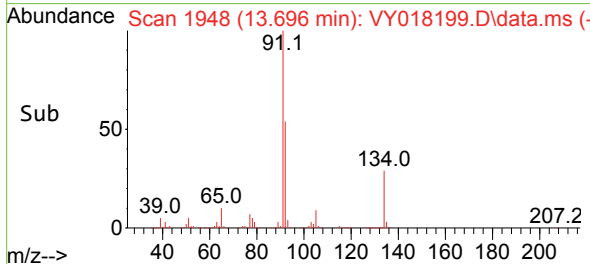
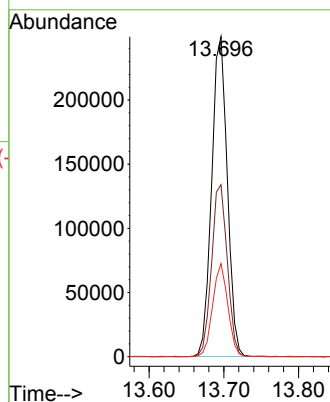
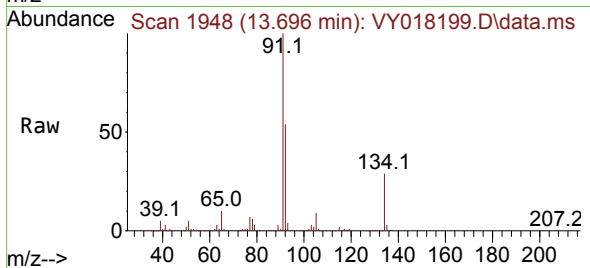
Tgt Ion: 91 Resp: 362424

Ion Ratio Lower Upper

91 100

92 54.1 26.6 79.7

134 28.2 12.9 38.7



#90

Hexachloroethane

Concen: 52.433 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY018199.D

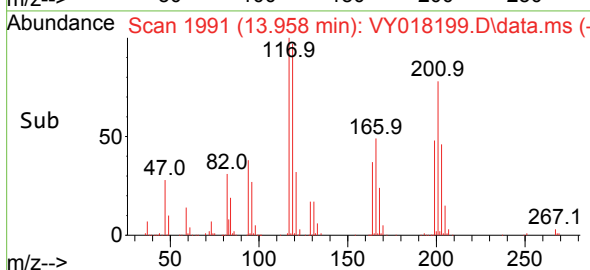
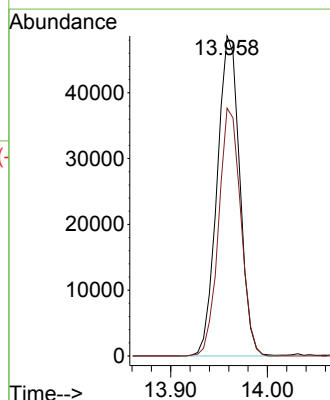
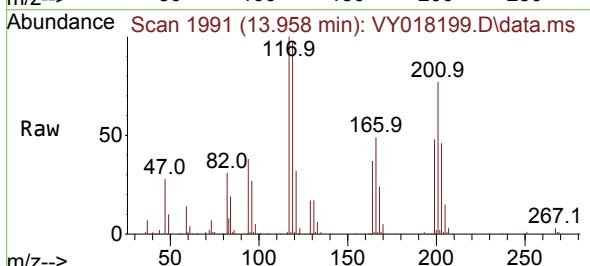
Acq: 08 May 2024 19:36

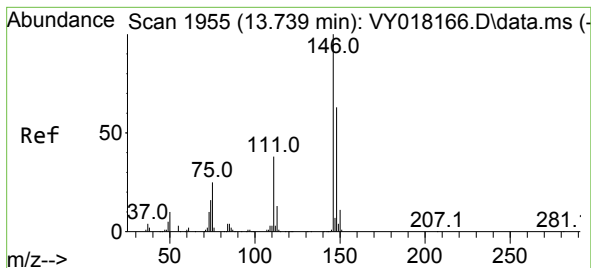
Tgt Ion: 117 Resp: 78809

Ion Ratio Lower Upper

117 100

201 75.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 53.340 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :

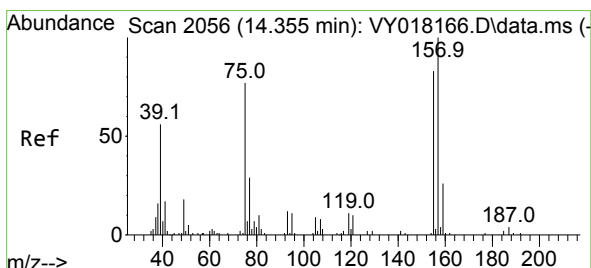
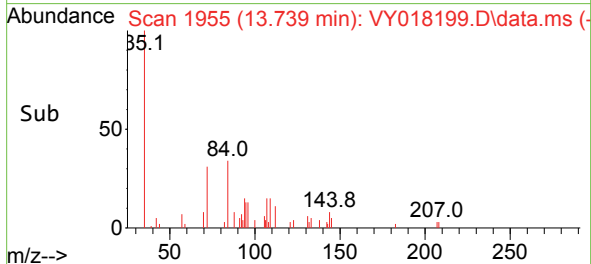
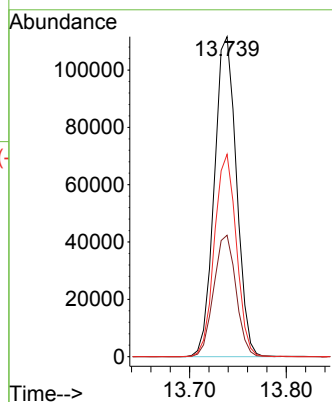
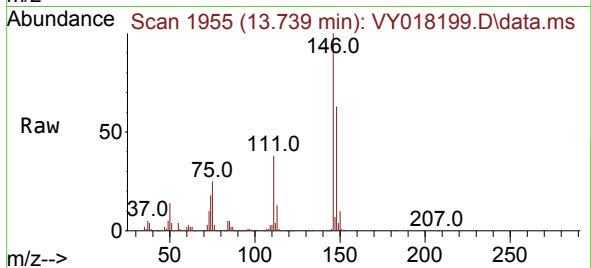
Tgt Ion:146 Resp: 177555

Ion Ratio Lower Upper

146 100

111 38.3 19.9 59.7

148 62.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.586 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

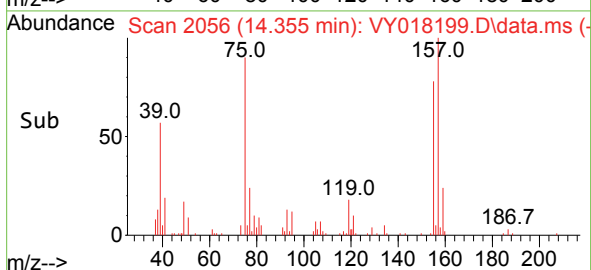
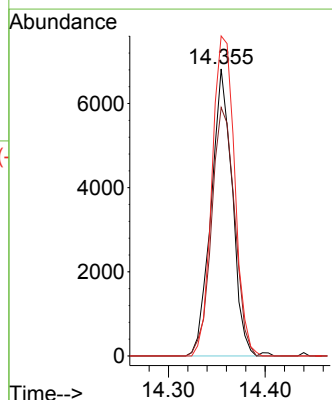
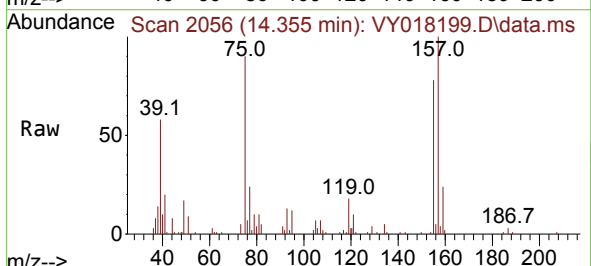
Tgt Ion: 75 Resp: 10350

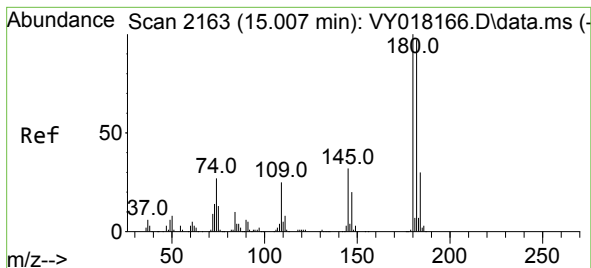
Ion Ratio Lower Upper

75 100

155 94.1 48.6 145.8

157 119.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 51.991 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :

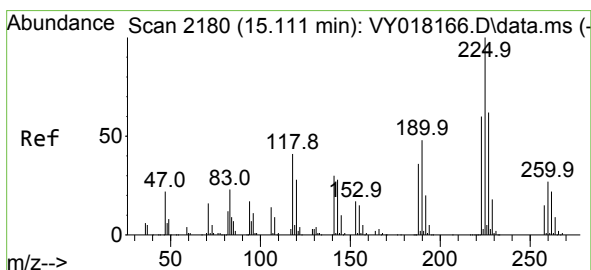
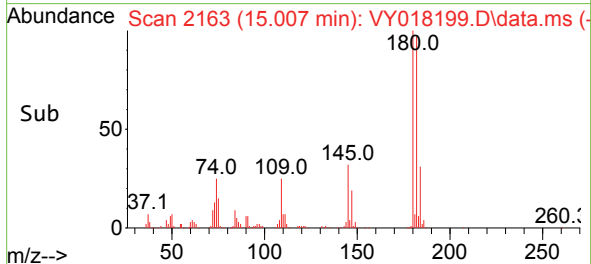
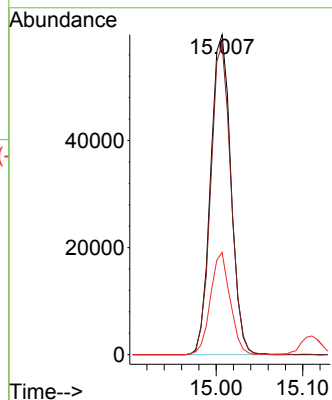
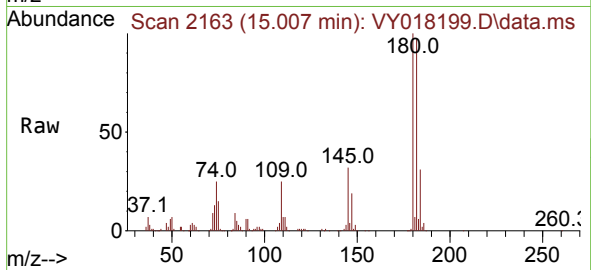
Tgt Ion:180 Resp: 97294

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.8

145 31.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.112 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

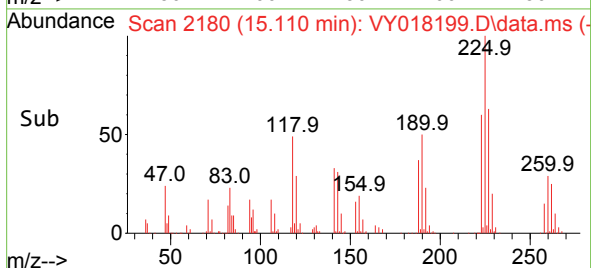
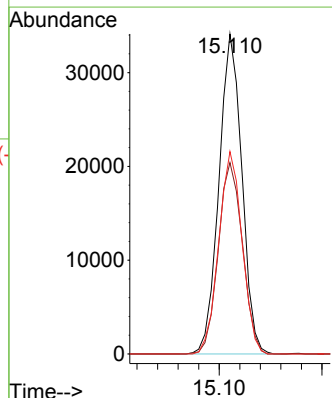
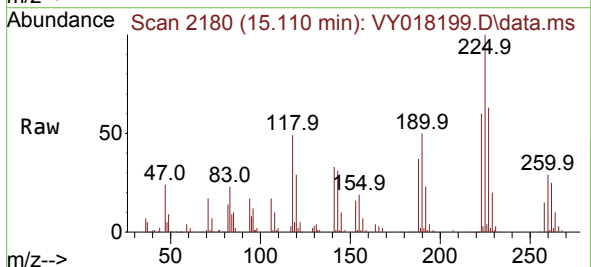
Tgt Ion:225 Resp: 52774

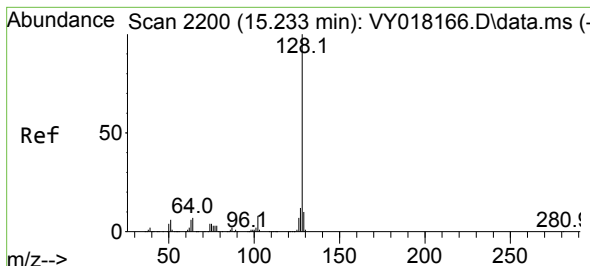
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 64.3 31.9 95.9





#95

Naphthalene

Concen: 54.352 ug/l

RT: 15.232 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Instrument :

MSVOA\_Y

ClientSampleId :

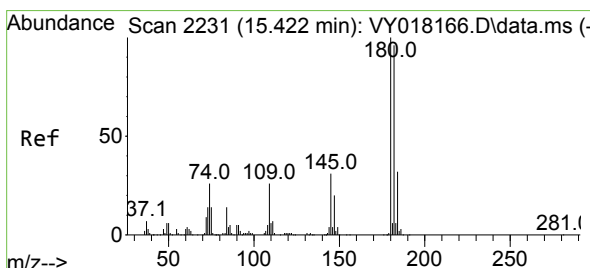
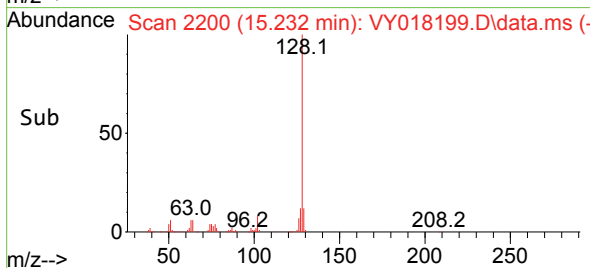
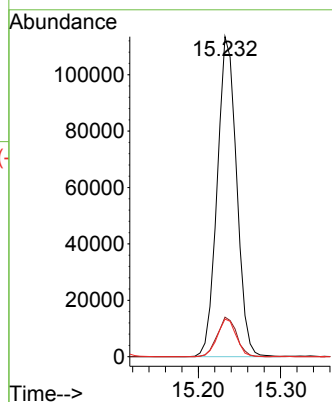
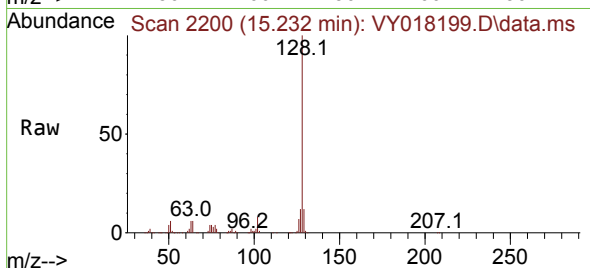
Tgt Ion:128 Resp: 186380

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 11.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.818 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018199.D

Acq: 08 May 2024 19:36

Tgt Ion:180 Resp: 84187

Ion Ratio Lower Upper

180 100

182 92.0 47.6 142.9

145 31.7 15.4 46.1

