

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081823\  
 Data File : VY015186.D  
 Acq On : 18 Aug 2023 11:13  
 Operator : SY/MD  
 Sample : VY0818SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 18 23:05:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081423S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 14 12:43:26 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 176808   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 292532   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 265078   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 132140   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 106833   | 50.336   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 100.680% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 93918    | 49.904   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 99.800%  |      |
| 50) Toluene-d8              | 10.179 | 98    | 346170   | 49.412   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 98.820%  |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 122143   | 47.734   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 95.460%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 17971  | 20.798  | ug/l   | 98  |
| 3) Chloromethane             | 2.113 | 50  | 21379  | 17.787  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.247 | 62  | 26584  | 18.895  | ug/l   | 99  |
| 5) Bromomethane              | 2.625 | 94  | 22064  | 20.284  | ug/l   | 99  |
| 6) Chloroethane              | 2.784 | 64  | 20473  | 20.043  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 47597  | 20.077  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.527 | 74  | 18062  | 19.427  | ug/l   | 90  |
| 9) 1,1,2-Trichlorotrifluo... | 3.893 | 101 | 29594  | 20.086  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.088 | 142 | 23267  | 16.082  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.954 | 59  | 37884  | 98.605  | ug/l # | 85  |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 23532  | 19.127  | ug/l   | 96  |
| 13) Acrolein                 | 3.729 | 56  | 20735  | 127.632 | ug/l   | 99  |
| 14) Allyl chloride           | 4.472 | 41  | 42519  | 19.493  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.161 | 53  | 65060  | 103.258 | ug/l   | 99  |
| 16) Acetone                  | 3.948 | 43  | 74431  | 107.348 | ug/l   | 93  |
| 17) Carbon Disulfide         | 4.186 | 76  | 36731  | 16.964  | ug/l # | 93  |
| 18) Methyl Acetate           | 4.472 | 43  | 50437  | 19.850  | ug/l   | 93  |
| 19) Methyl tert-butyl Ether  | 5.222 | 73  | 103319 | 19.750  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.710 | 84  | 42504  | 23.257  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 26274  | 18.933  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.118 | 45  | 109922 | 20.196  | ug/l   | 93  |
| 23) Vinyl Acetate            | 6.057 | 43  | 313624 | 96.567  | ug/l   | 95  |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 59955  | 20.346  | ug/l   | 97  |
| 25) 2-Butanone               | 6.984 | 43  | 102767 | 104.680 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 53627  | 18.878  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 37201  | 19.624  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.332 | 49  | 29487  | 21.781  | ug/l   | 95  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 59130  | 100.730 | ug/l   | 95  |
| 30) Chloroform               | 7.502 | 83  | 66829  | 20.231  | ug/l   | 96  |
| 31) Cyclohexane              | 7.783 | 56  | 39983  | 19.535  | ug/l # | 84  |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 55591  | 19.776  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 40514  | 19.459  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.076 | 43  | 37121  | 19.127  | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 47084  | 19.108  | ug/l   | 95  |
| 39) Methylcyclohexane        | 9.185 | 83  | 44230  | 18.950  | ug/l   | 91  |
| 40) Benzene                  | 8.161 | 78  | 124430 | 19.767  | ug/l   | 99  |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 18 23:05:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081423S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 14 12:43:26 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 54410    | 54.370  | ug/l # | 29       |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 46097    | 20.164  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 68768    | 19.458  | ug/l   | 98       |
| 44) Trichloroethene           | 8.941  | 130  | 35620    | 19.642  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 35175    | 19.817  | ug/l   | 93       |
| 46) Dibromomethane            | 9.307  | 93   | 22273    | 19.895  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.496  | 83   | 53208    | 19.917  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.295  | 41   | 29535    | 19.536  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 7986     | 356.732 | ug/l # | 44       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 204863   | 100.018 | ug/l   | 95       |
| 52) Toluene                   | 10.240 | 92   | 79702    | 19.210  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 53109    | 18.917  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 57663    | 19.502  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 33671    | 19.780  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 47169    | 18.934  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 55830    | 20.075  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 117696   | 101.518 | ug/l   | 95       |
| 59) 2-Hexanone                | 10.831 | 43   | 152288   | 100.459 | ug/l   | 93       |
| 60) Dibromochloromethane      | 10.983 | 129  | 40071    | 19.734  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 31512    | 19.487  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 35239    | 19.081  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.514 | 112  | 94758    | 19.620  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 37277    | 19.022  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 163472   | 19.318  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 123551   | 38.442  | ug/l   | 97       |
| 69) o-Xylene                  | 12.032 | 106  | 62378    | 19.483  | ug/l   | 94       |
| 70) Styrene                   | 12.044 | 104  | 107099   | 19.327  | ug/l   | 96       |
| 71) Bromoform                 | 12.209 | 173  | 26510    | 18.661  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 170500   | 20.066  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 60364    | 19.676  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 44232    | 19.987  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 56438    | 35.155  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 40217    | 19.417  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.672 | 91   | 201919   | 20.012  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 114518   | 19.674  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 139056   | 19.633  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 13702    | 18.747  | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 120361   | 20.015  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.075 | 119  | 127108   | 19.620  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 140310   | 19.824  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.251 | 105  | 190168   | 20.034  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 156247   | 19.853  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 81305    | 19.792  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 81263    | 19.722  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 149177   | 20.104  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.965 | 117  | 30039    | 19.240  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 75390    | 19.645  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 8116     | 18.932  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 47241    | 19.174  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 26203    | 19.552  | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 112364   | 18.308  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 43059    | 19.352  | ug/l   | 99       |

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Quant Title : SW846 8260  
QLast Update : Mon Aug 14 12:43:26 2023  
Response via : Initial Calibration

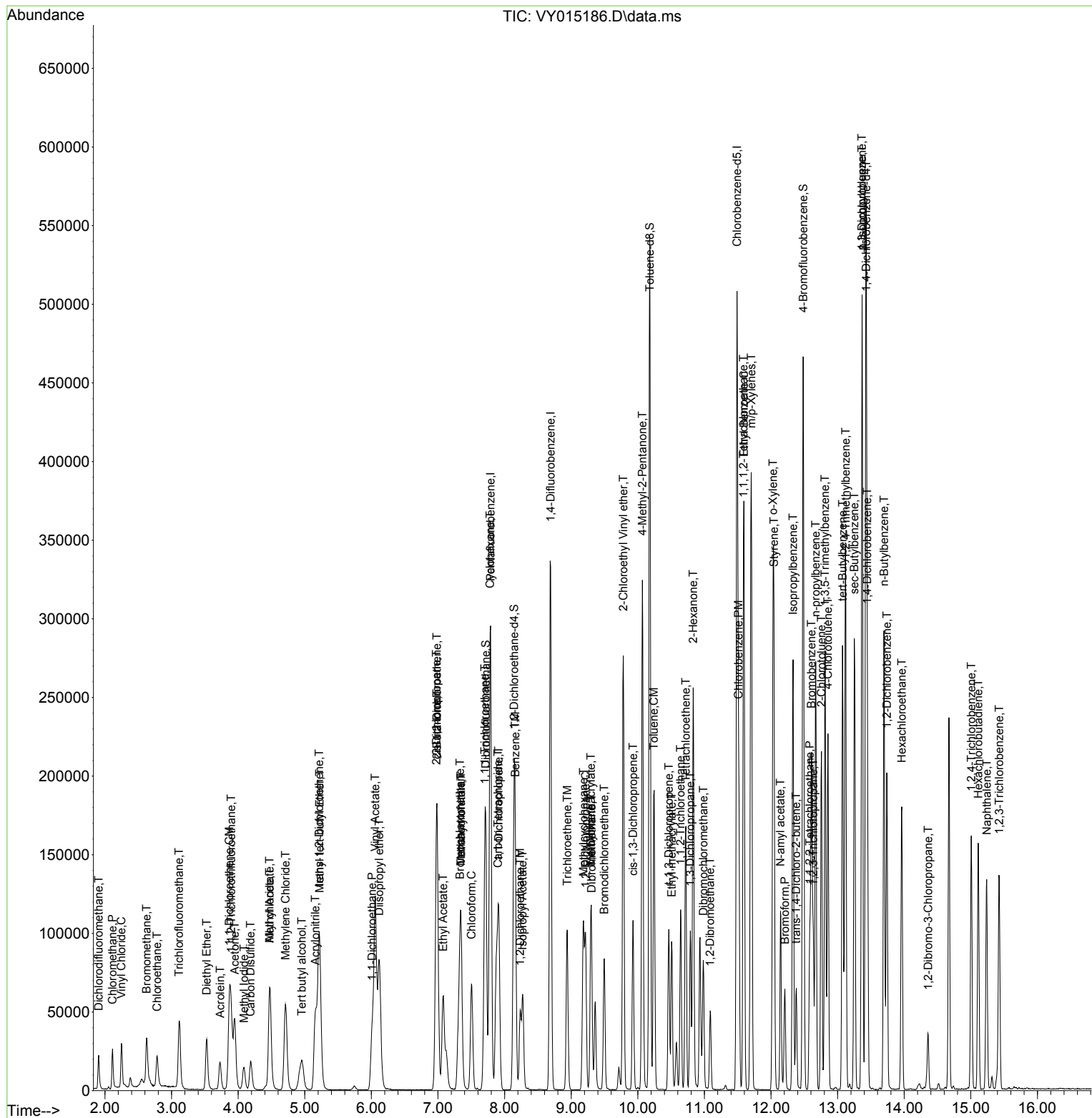
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

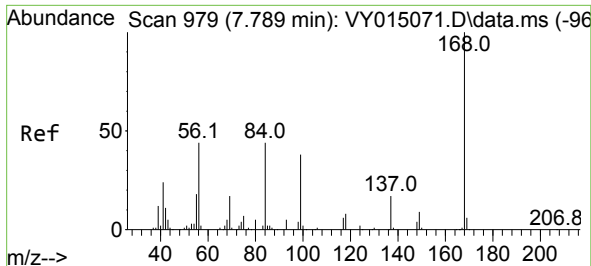
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 ALS Vial : 5 Sample Multiplier: 1

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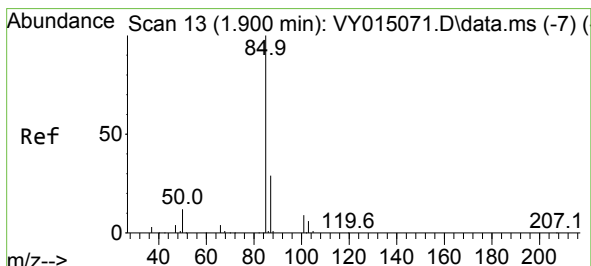
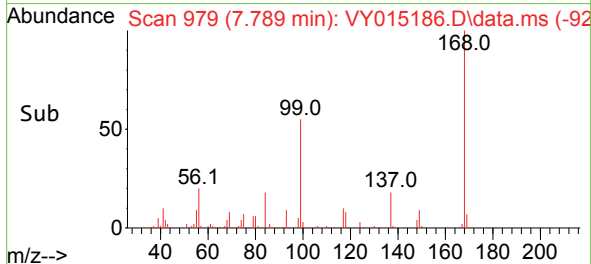
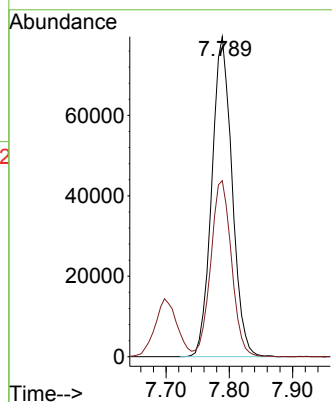
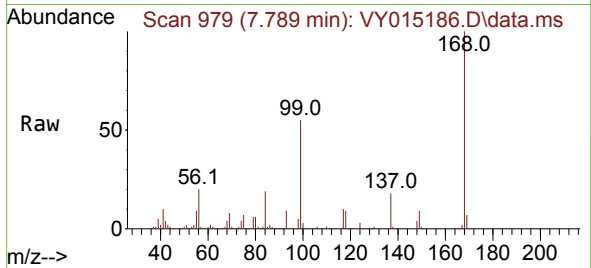




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

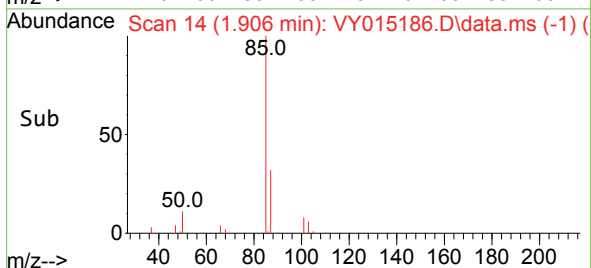
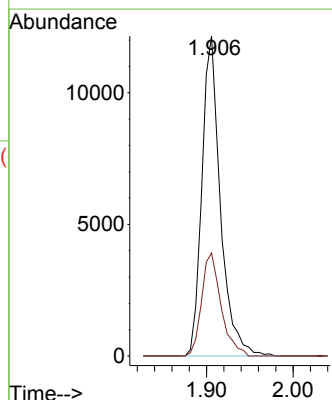
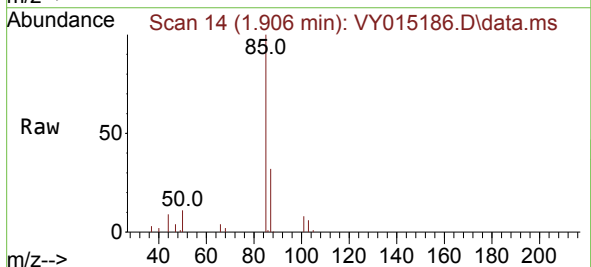
Instrument :  
MSVOA\_Y  
ClientSampleId :

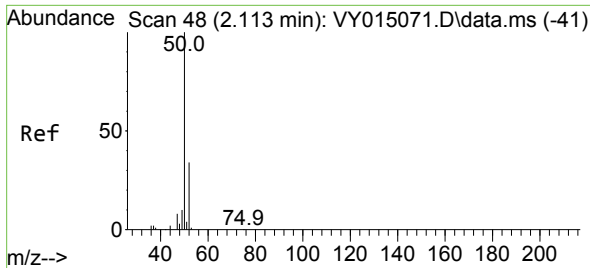
Tgt Ion:168 Resp: 176808  
Ion Ratio Lower Upper  
168 100  
99 55.0 43.4 65.0



#2  
Dichlorodifluoromethane  
Concen: 20.798 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 85 Resp: 17971  
Ion Ratio Lower Upper  
85 100  
87 32.2 15.6 46.8

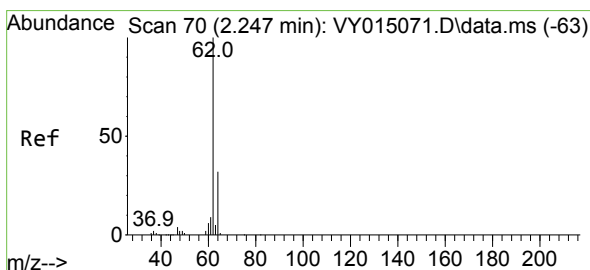
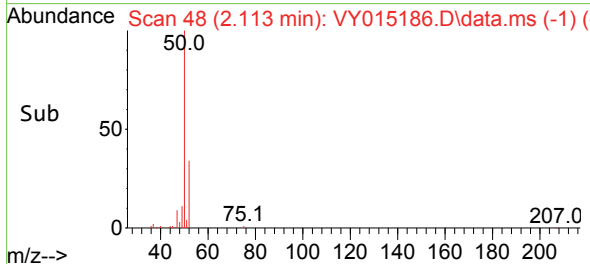
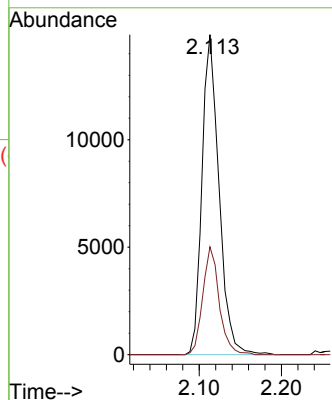
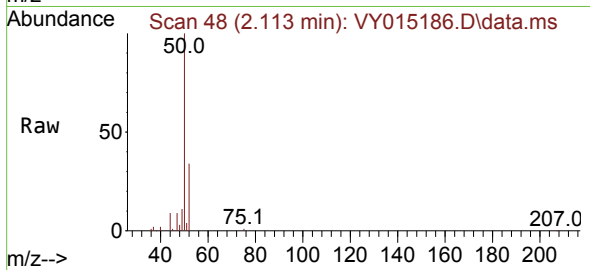




#3  
Chloromethane  
Concen: 17.787 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

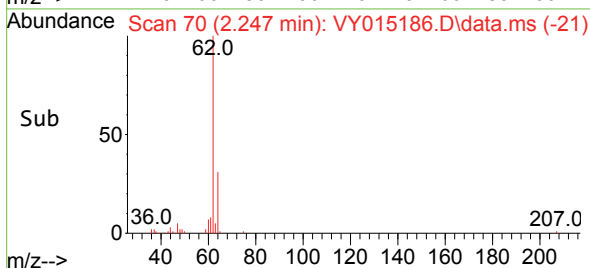
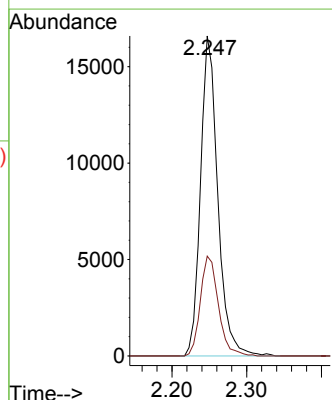
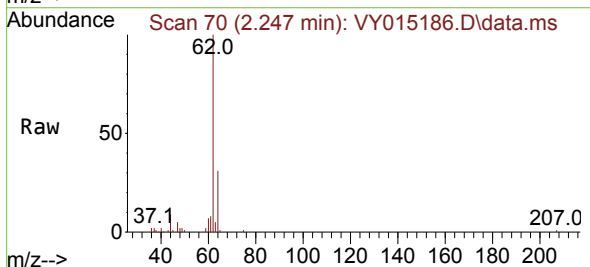
Instrument :  
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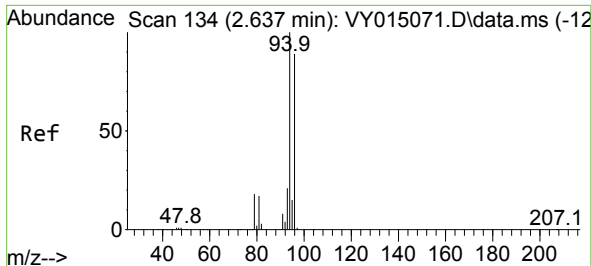
Tgt Ion: 50 Resp: 21379  
Ion Ratio Lower Upper  
50 100  
52 33.7 25.4 38.2



#4  
Vinyl Chloride  
Concen: 18.895 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

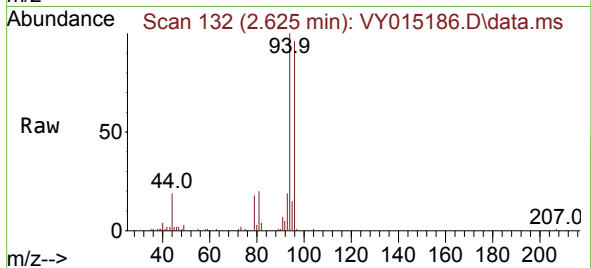
Tgt Ion: 62 Resp: 26584  
Ion Ratio Lower Upper  
62 100  
64 31.2 24.3 36.5



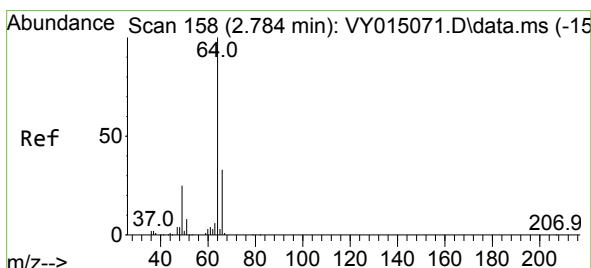
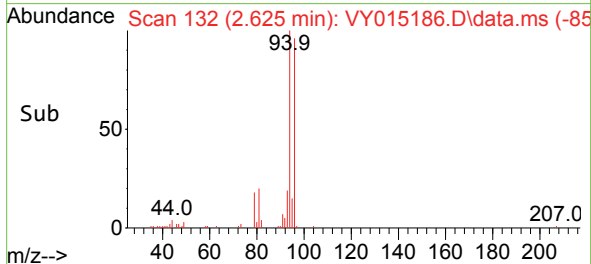
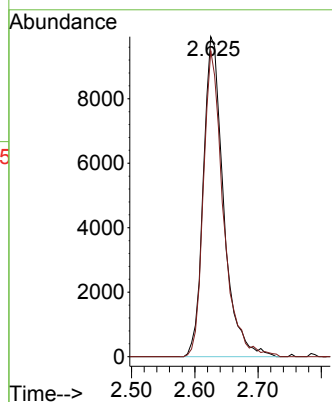


#5  
Bromomethane  
Concen: 20.284 ug/l  
RT: 2.625 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

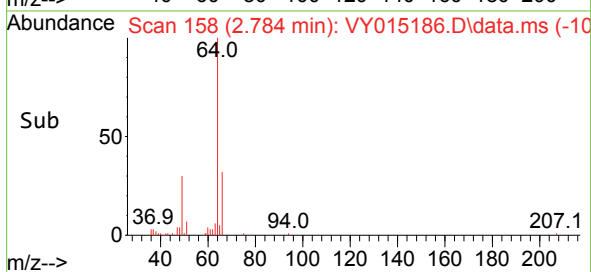
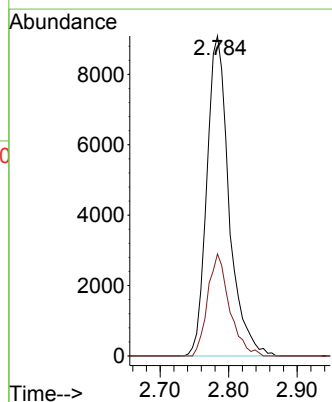
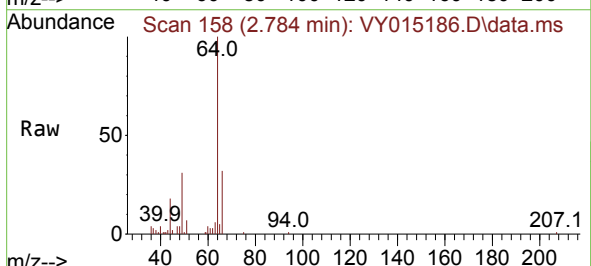


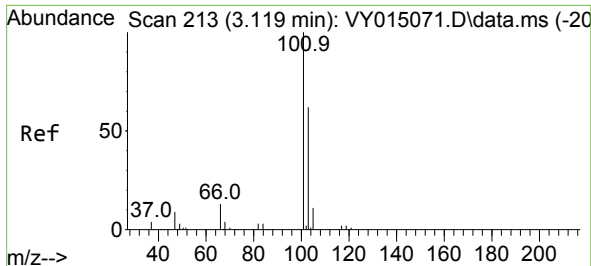
Tgt Ion: 94 Resp: 22064  
Ion Ratio Lower Upper  
94 100  
96 95.6 75.8 113.6



#6  
Chloroethane  
Concen: 20.043 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 64 Resp: 20473  
Ion Ratio Lower Upper  
64 100  
66 31.9 24.4 36.6

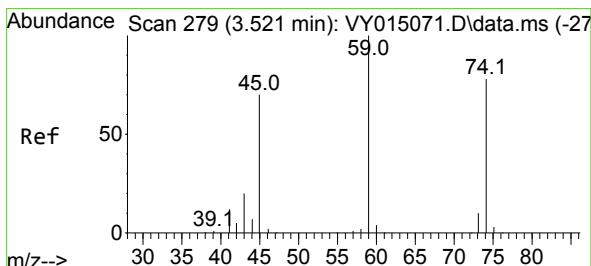
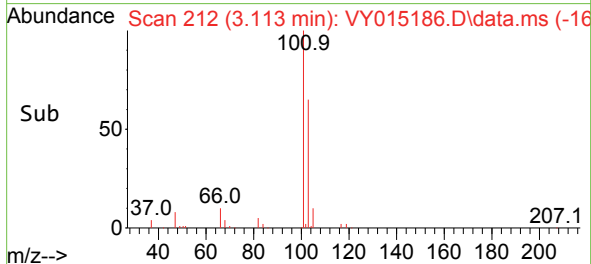
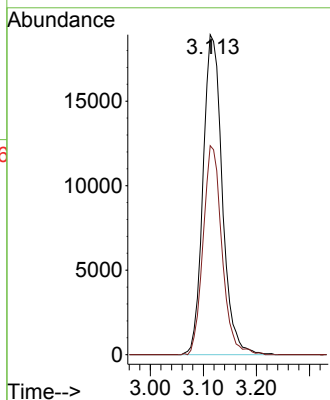
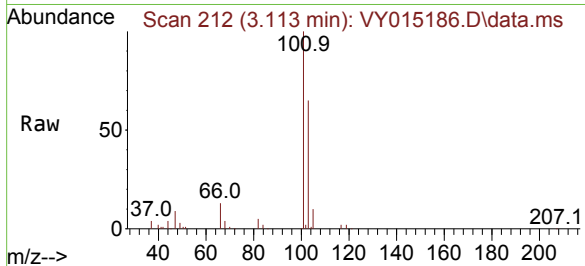




#7  
 Trichlorofluoromethane  
 Concen: 20.077 ug/l  
 RT: 3.113 min Scan# 213  
 Delta R.T. 0.000 min  
 Lab File: VY015186.D  
 Acq: 18 Aug 2023 11:13

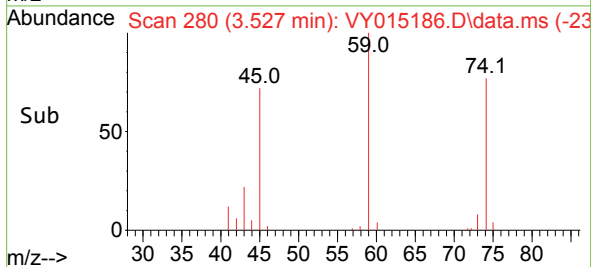
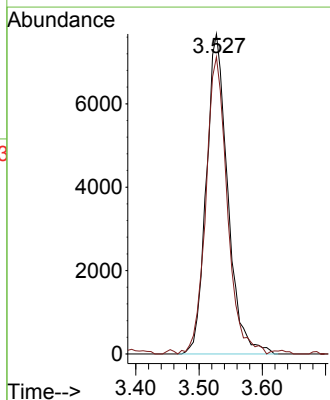
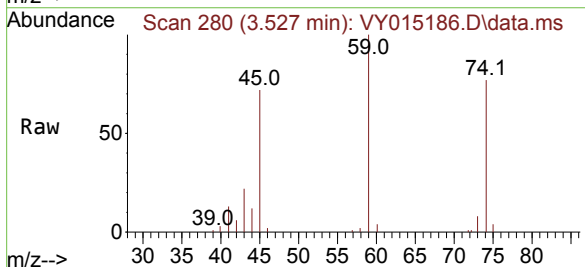
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

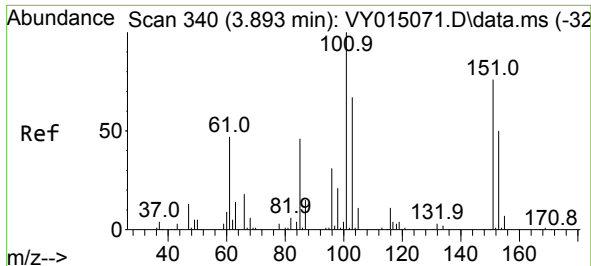
Tgt Ion:101 Resp: 47597  
 Ion Ratio Lower Upper  
 101 100  
 103 65.3 51.4 77.0



#8  
 Diethyl Ether  
 Concen: 19.427 ug/l  
 RT: 3.527 min Scan# 280  
 Delta R.T. 0.006 min  
 Lab File: VY015186.D  
 Acq: 18 Aug 2023 11:13

Tgt Ion: 74 Resp: 18062  
 Ion Ratio Lower Upper  
 74 100  
 45 93.0 51.5 154.5

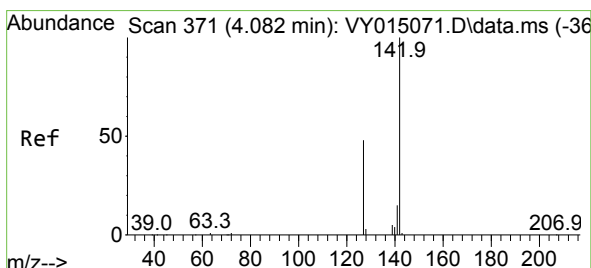
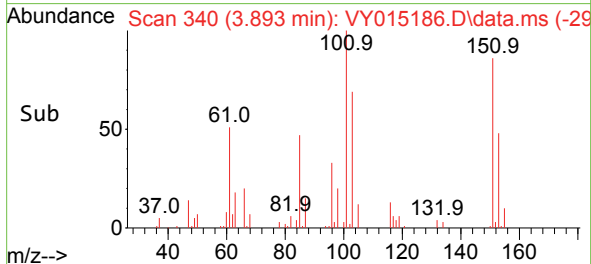
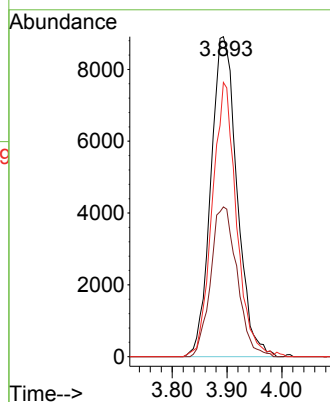
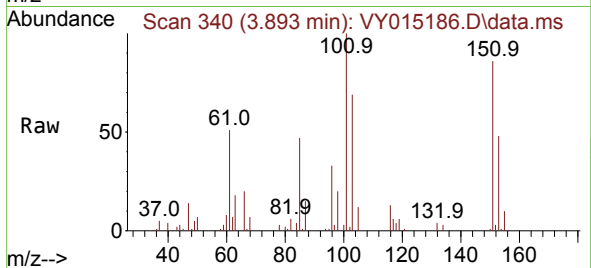




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.086 ug/l  
RT: 3.893 min Scan# 340  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

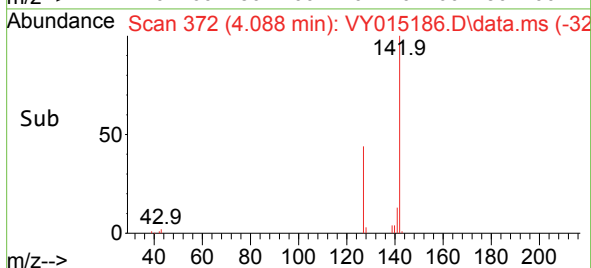
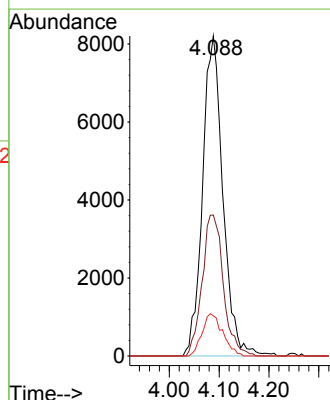
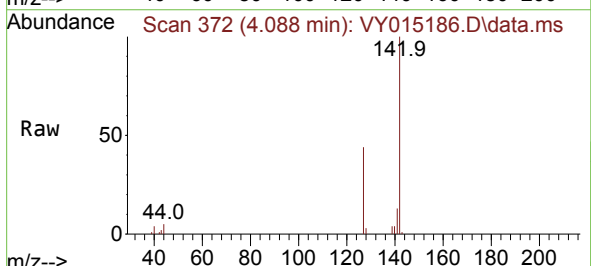
Instrument :  
MSVOA\_Y  
ClientSampleId :

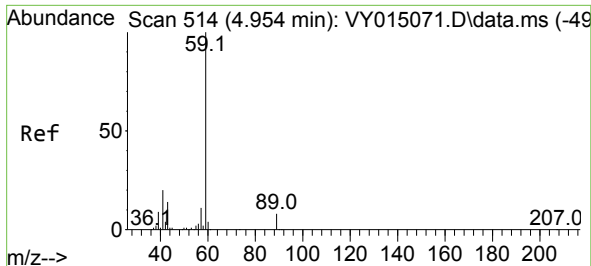
Tgt Ion:101 Resp: 29594  
Ion Ratio Lower Upper  
101 100  
85 47.1 36.6 55.0  
151 79.3 67.0 100.6



#10  
Methyl Iodide  
Concen: 16.082 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

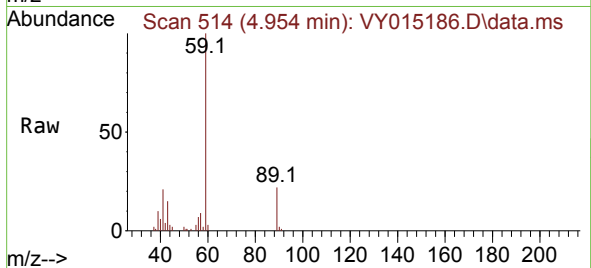
Tgt Ion:142 Resp: 23267  
Ion Ratio Lower Upper  
142 100  
127 45.8 37.6 56.4  
141 13.4 11.8 17.8



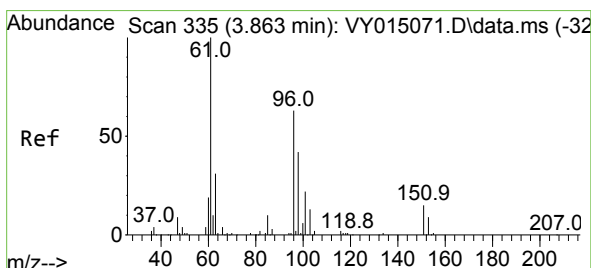
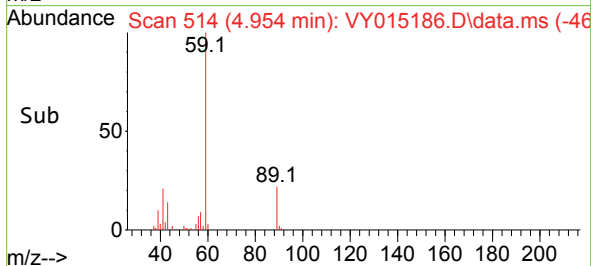
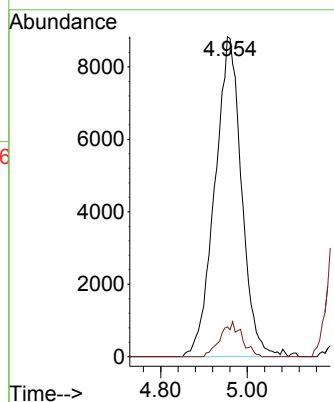


#11  
Tert butyl alcohol  
Concen: 98.605 ug/l  
RT: 4.954 min Scan# 514  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

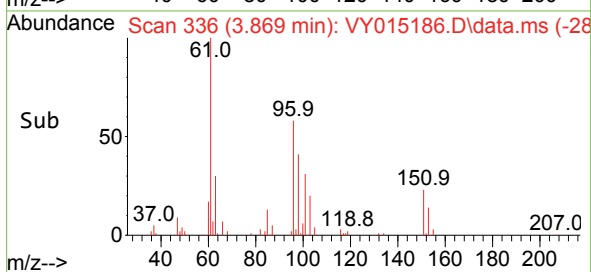
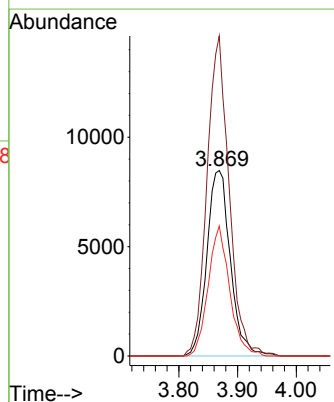
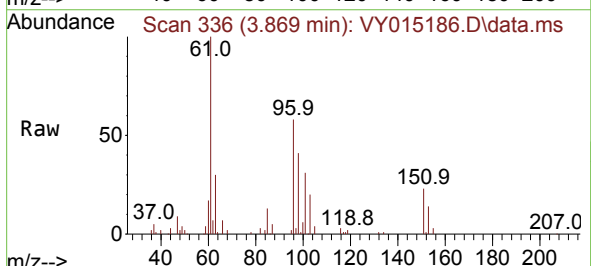


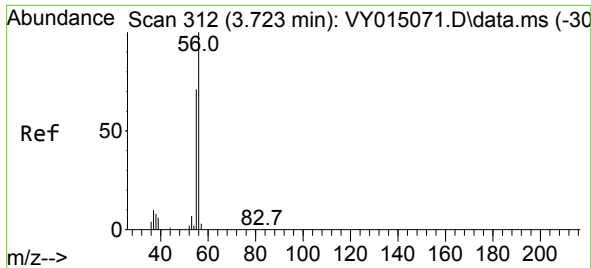
Tgt Ion: 59 Resp: 37884  
Ion Ratio Lower Upper  
59 100  
57 8.8 3.0 4.4#



#12  
1,1-Dichloroethene  
Concen: 19.127 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 96 Resp: 23532  
Ion Ratio Lower Upper  
96 100  
61 172.6 136.4 204.6  
98 70.1 49.4 74.2

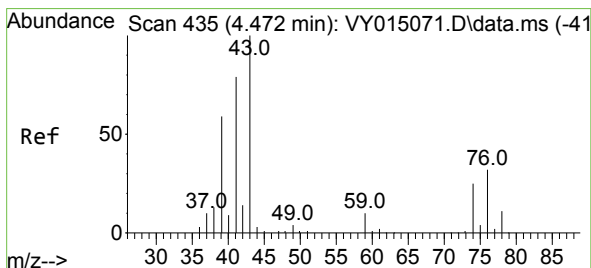
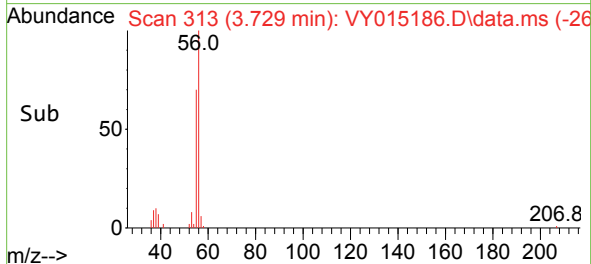
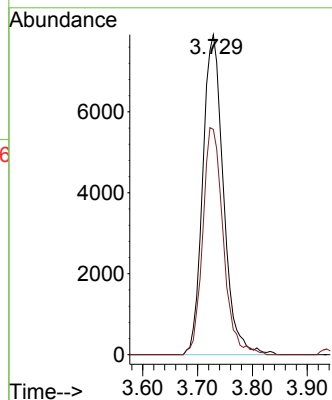
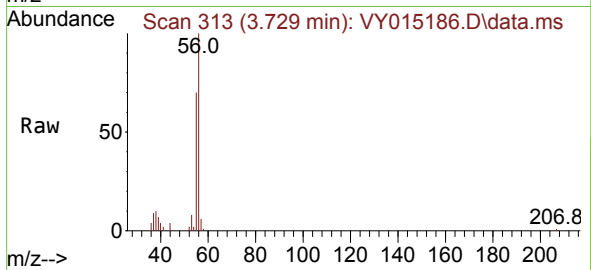




#13  
Acrolein  
Concen: 127.632 ug/l  
RT: 3.729 min Scan# 312  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

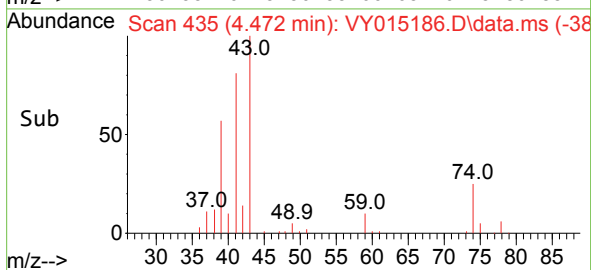
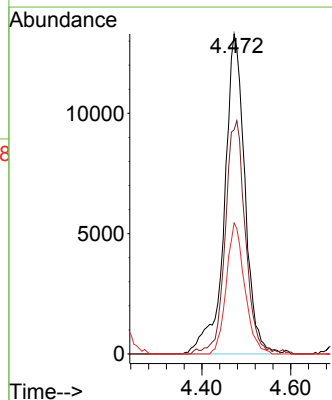
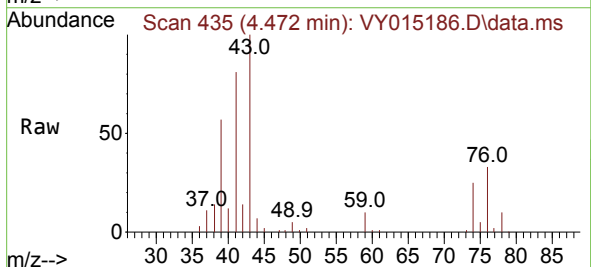
Instrument :  
MSVOA\_Y  
ClientSampleId :

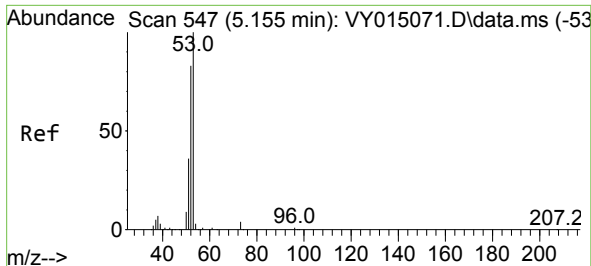
Tgt Ion: 56 Resp: 20735  
Ion Ratio Lower Upper  
56 100  
55 70.2 57.0 85.4



#14  
Allyl chloride  
Concen: 19.493 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

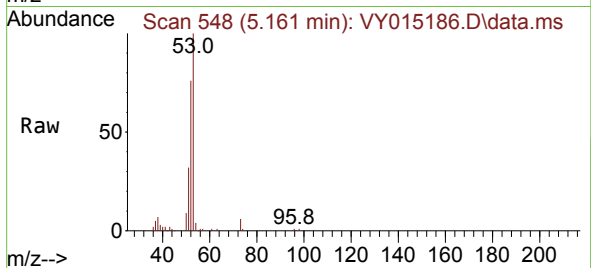
Tgt Ion: 41 Resp: 42519  
Ion Ratio Lower Upper  
41 100  
39 71.5 58.0 87.0  
76 36.6 27.4 41.2



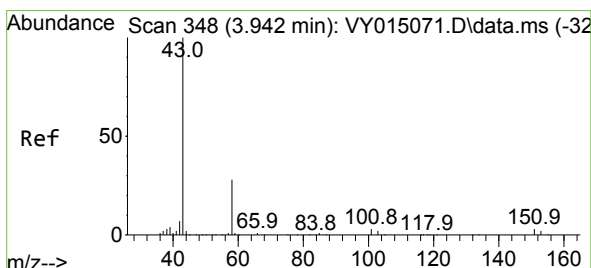
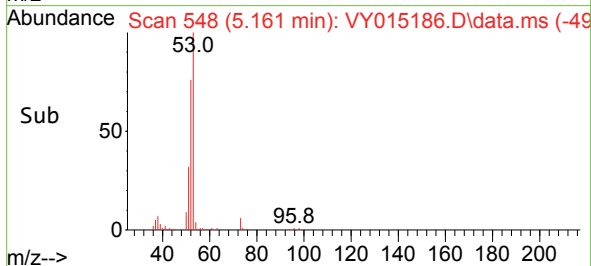
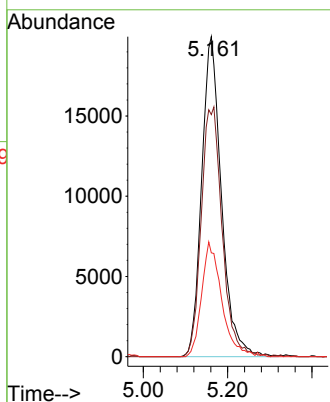


#15  
Acrylonitrile  
Concen: 103.258 ug/l  
RT: 5.161 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

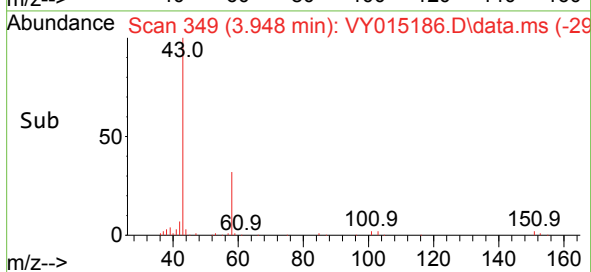
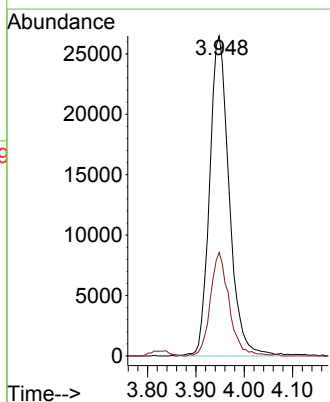
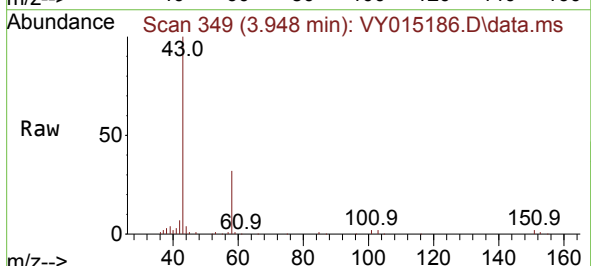


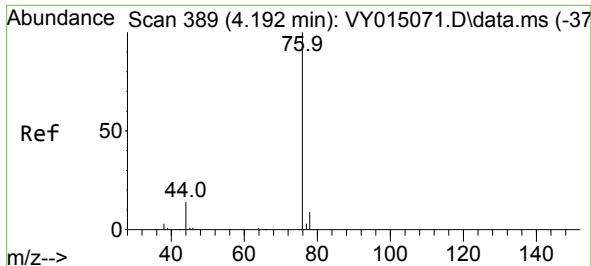
Tgt Ion: 53 Resp: 65060  
Ion Ratio Lower Upper  
53 100  
52 82.5 66.9 100.3  
51 36.3 29.8 44.6



#16  
Acetone  
Concen: 107.348 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 43 Resp: 74431  
Ion Ratio Lower Upper  
43 100  
58 32.1 22.7 34.1

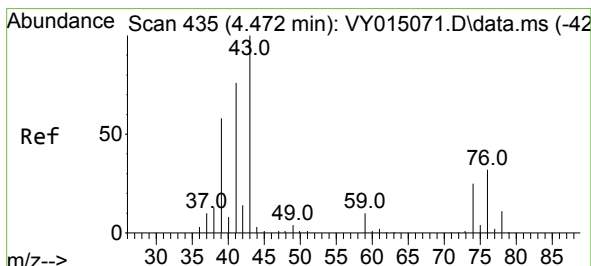
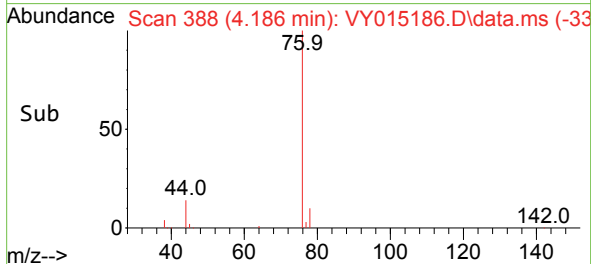
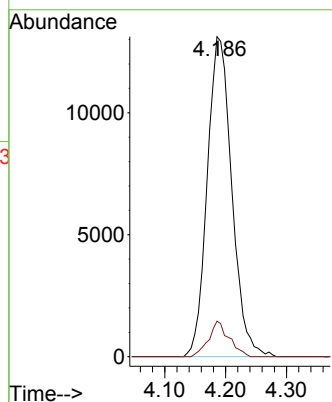
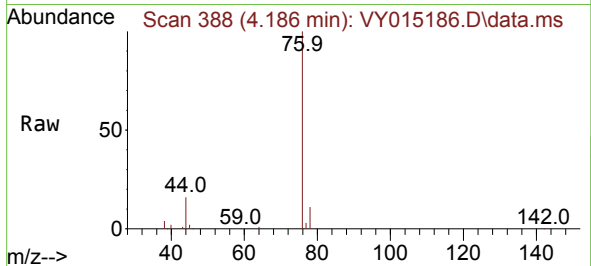




#17  
Carbon Disulfide  
Concen: 16.964 ug/l  
RT: 4.186 min Scan# 388  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

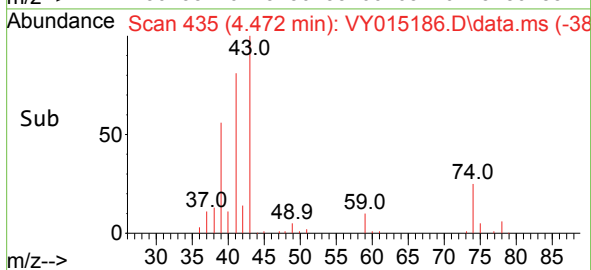
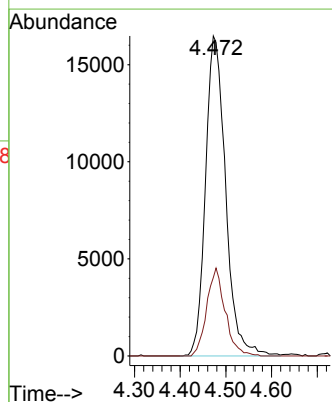
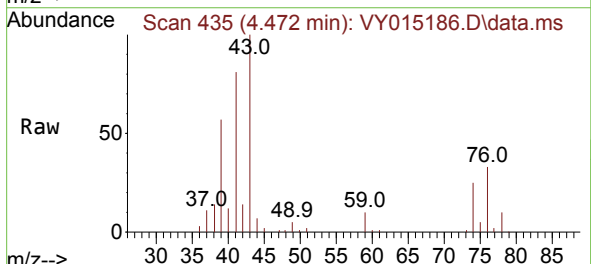
Instrument :  
MSVOA\_Y  
ClientSampleId :

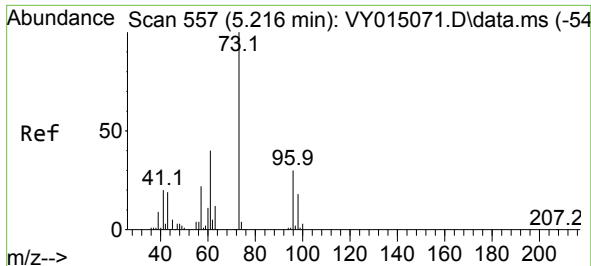
Tgt Ion: 76 Resp: 36731  
Ion Ratio Lower Upper  
76 100  
78 11.1 7.0 10.4#



#18  
Methyl Acetate  
Concen: 19.850 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 43 Resp: 50437  
Ion Ratio Lower Upper  
43 100  
74 25.2 17.4 26.0

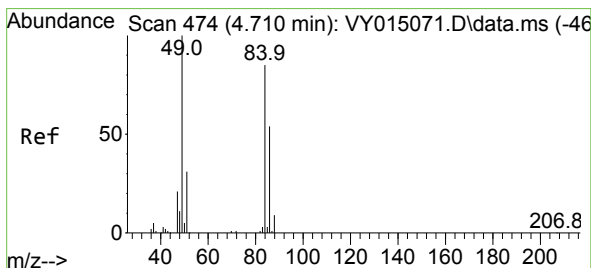
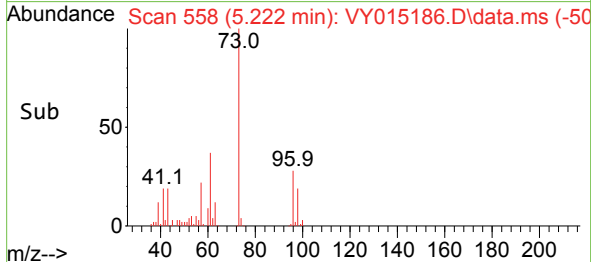
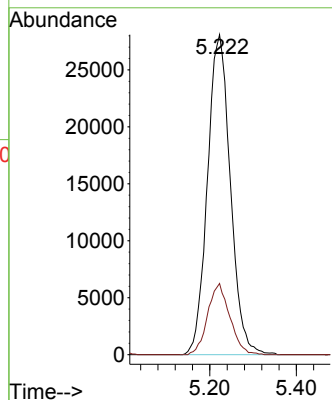
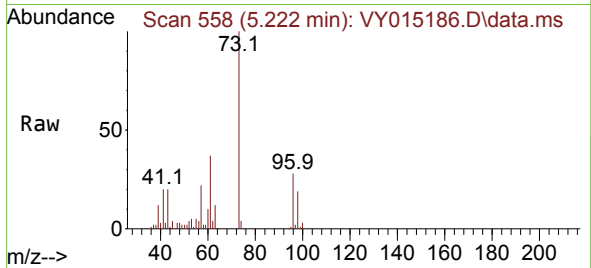




#19  
Methyl tert-butyl Ether  
Concen: 19.750 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

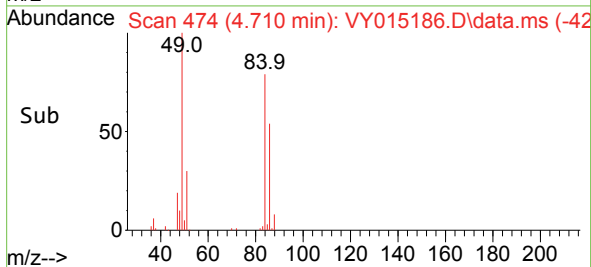
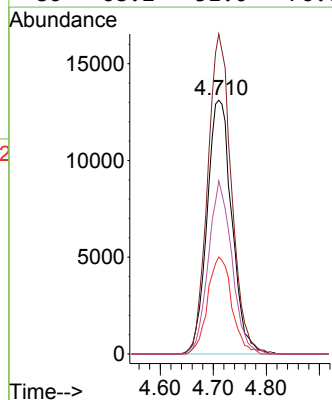
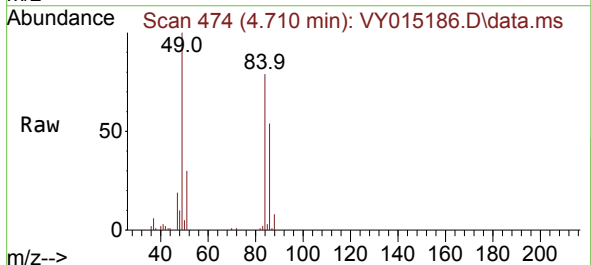
Instrument :  
MSVOA\_Y  
ClientSampleId :

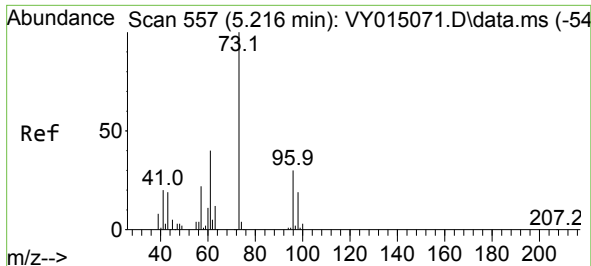
Tgt Ion: 73 Resp: 103319  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.3 25.9



#20  
Methylene Chloride  
Concen: 23.257 ug/l  
RT: 4.710 min Scan# 474  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

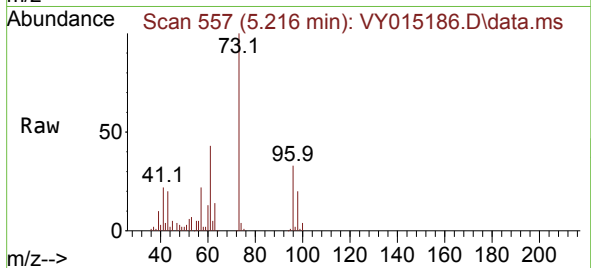
Tgt Ion: 84 Resp: 42504  
Ion Ratio Lower Upper  
84 100  
49 126.1 106.9 160.3  
51 38.2 33.2 49.8  
86 68.2 51.0 76.6



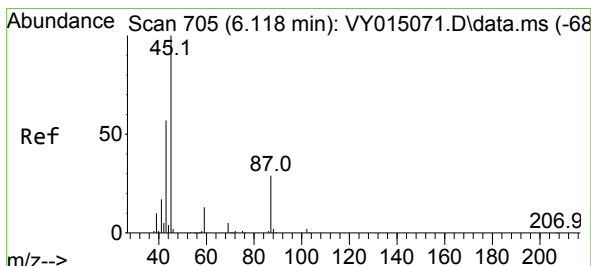
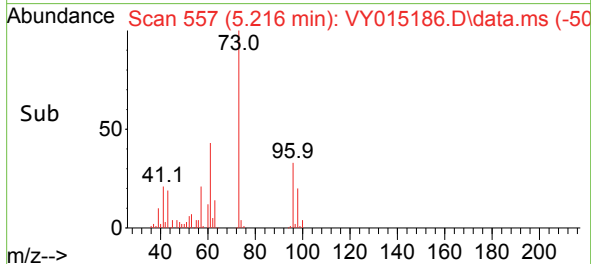
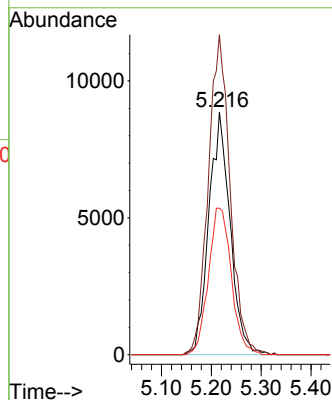


#21  
trans-1,2-Dichloroethene  
Concen: 18.933 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

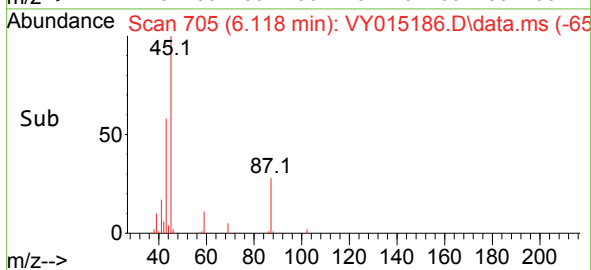
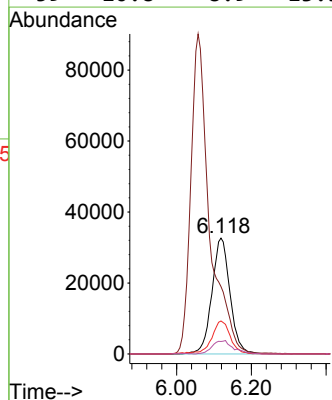
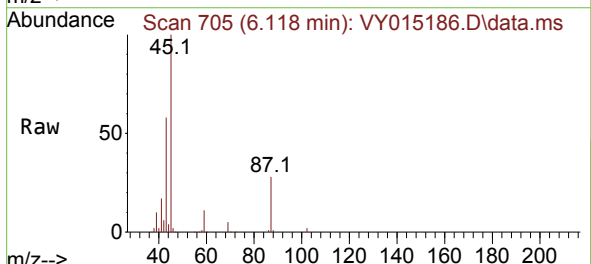


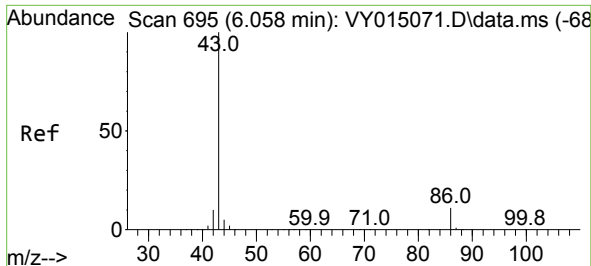
Tgt Ion: 96 Resp: 26274  
Ion Ratio Lower Upper  
96 100  
61 131.8 110.2 165.4  
98 60.4 51.8 77.6



#22  
Diisopropyl ether  
Concen: 20.196 ug/l  
RT: 6.118 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 45 Resp: 109922  
Ion Ratio Lower Upper  
45 100  
43 57.7 52.2 78.4  
87 28.5 21.0 31.6  
59 10.8 8.9 13.3

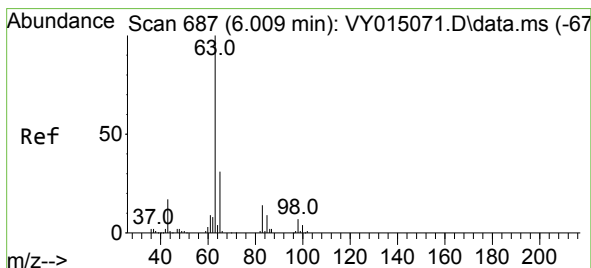
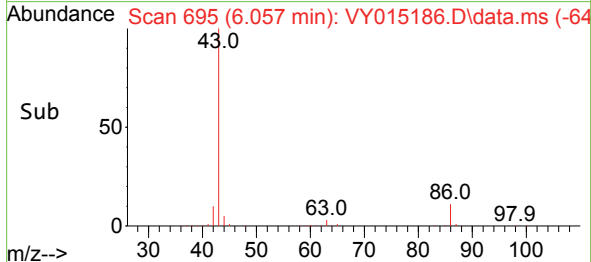
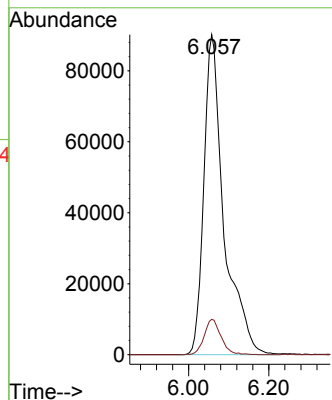
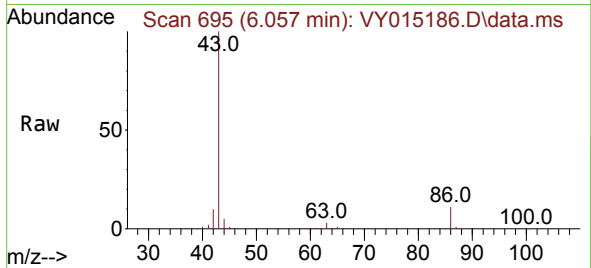




#23  
 Vinyl Acetate  
 Concen: 96.567 ug/l  
 RT: 6.057 min Scan# 695  
 Delta R.T. 0.006 min  
 Lab File: VY015186.D  
 Acq: 18 Aug 2023 11:13

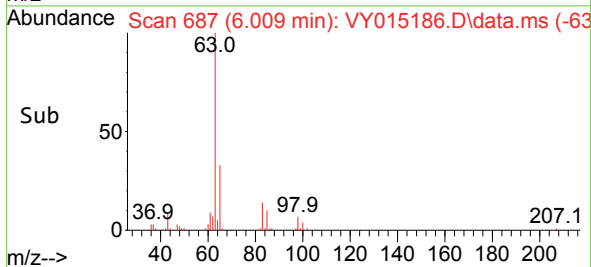
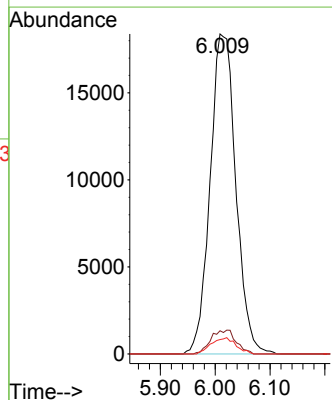
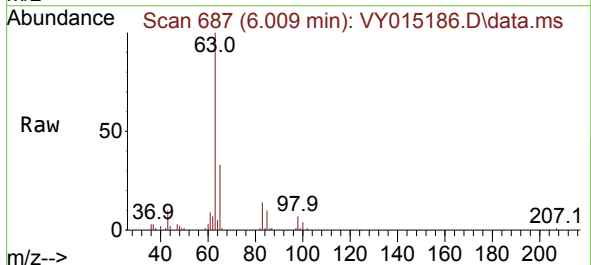
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

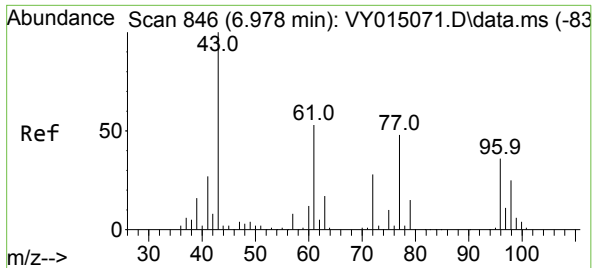
Tgt Ion: 43 Resp: 313624  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 7.5 11.3



#24  
 1,1-Dichloroethane  
 Concen: 20.346 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. 0.000 min  
 Lab File: VY015186.D  
 Acq: 18 Aug 2023 11:13

Tgt Ion: 63 Resp: 59955  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.1 9.4  
 100 4.5 1.8 5.5

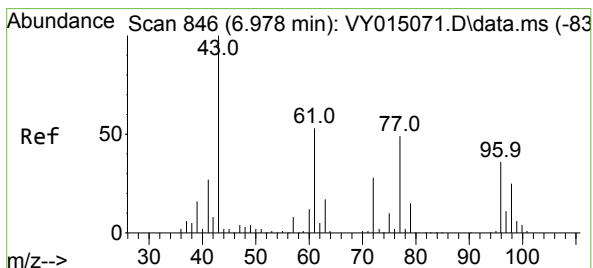
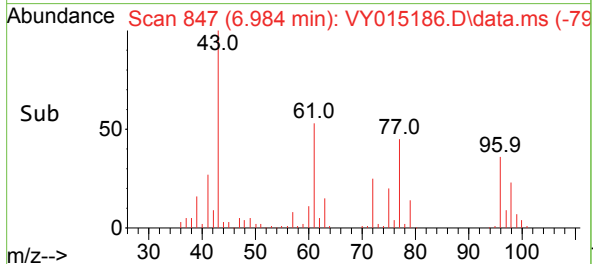
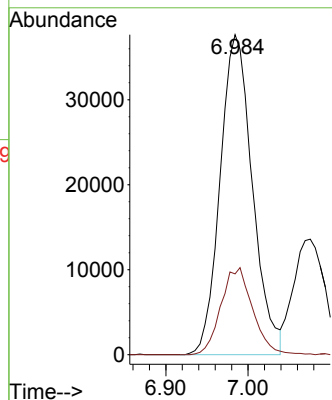
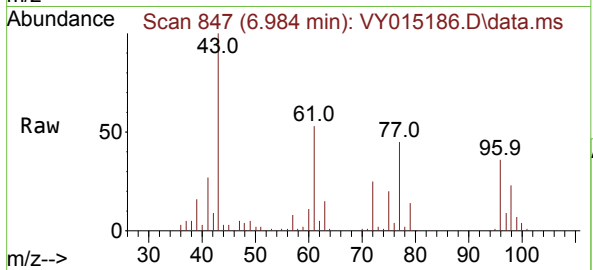




#25  
2-Butanone  
Concen: 104.680 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

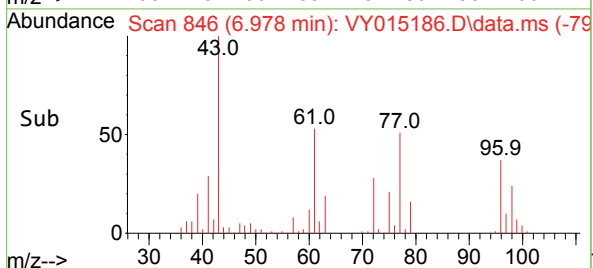
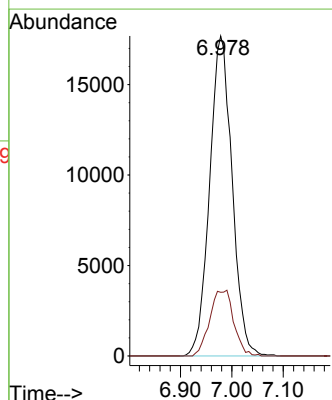
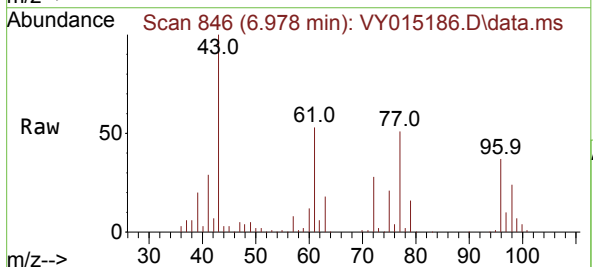
Instrument :  
MSVOA\_Y  
ClientSampleId :

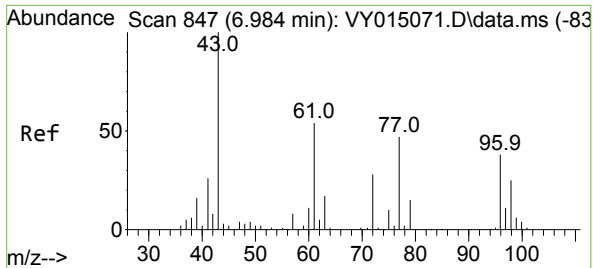
Tgt Ion: 43 Resp: 102767  
Ion Ratio Lower Upper  
43 100  
72 25.2 20.5 30.7



#26  
2,2-Dichloropropane  
Concen: 18.878 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 77 Resp: 53627  
Ion Ratio Lower Upper  
77 100  
97 21.9 10.9 32.9

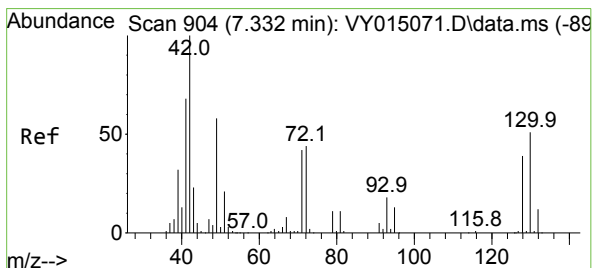
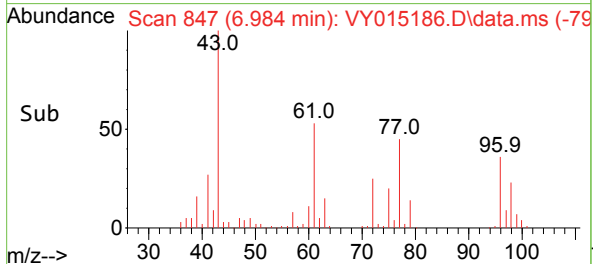
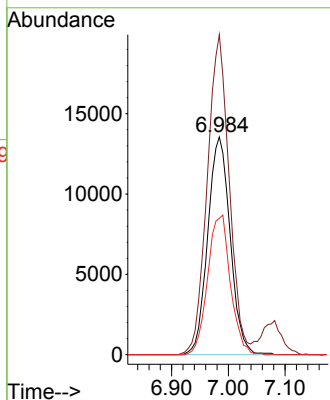
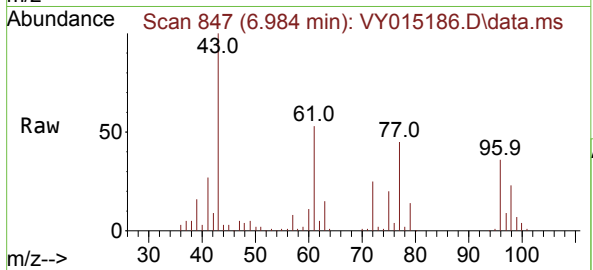




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.624 ug/l  
 RT: 6.984 min Scan# 847  
 Delta R.T. 0.006 min  
 Lab File: VY015186.D  
 Acq: 18 Aug 2023 11:13

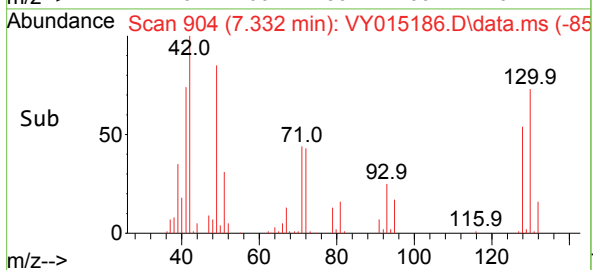
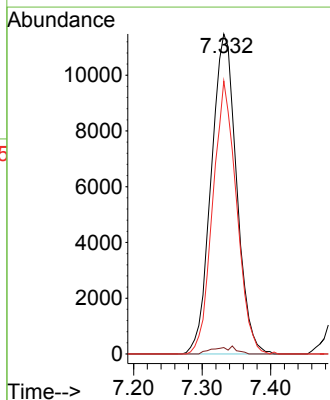
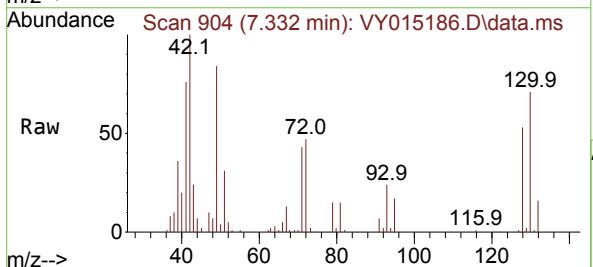
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

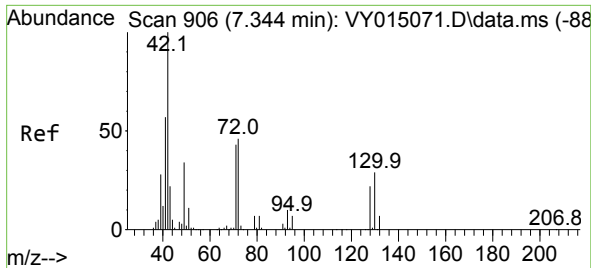
Tgt Ion: 96 Resp: 37201  
 Ion Ratio Lower Upper  
 96 100  
 61 144.1 0.0 301.4  
 98 65.0 0.0 130.4



#28  
 Bromochloromethane  
 Concen: 21.781 ug/l  
 RT: 7.332 min Scan# 904  
 Delta R.T. 0.000 min  
 Lab File: VY015186.D  
 Acq: 18 Aug 2023 11:13

Tgt Ion: 49 Resp: 29487  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.6  
 130 79.9 60.7 91.1

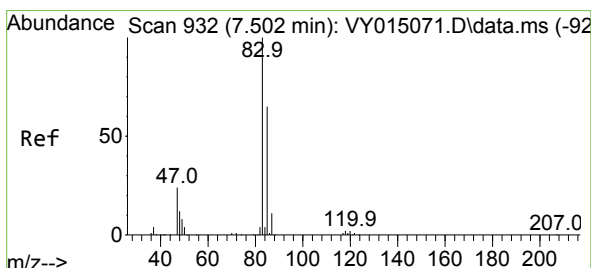
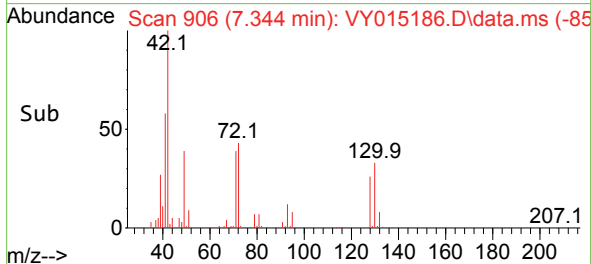
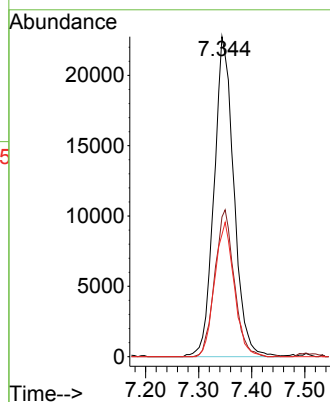
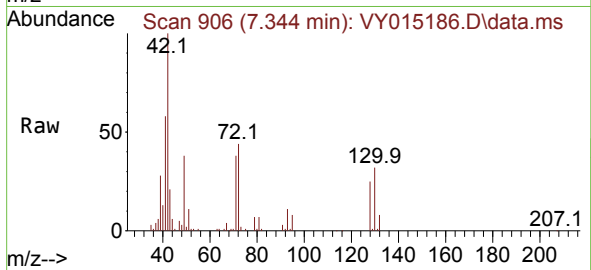




#29  
Tetrahydrofuran  
Concen: 100.730 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

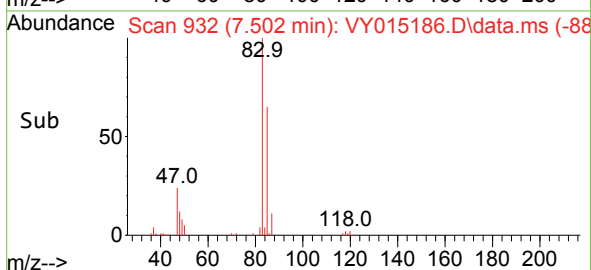
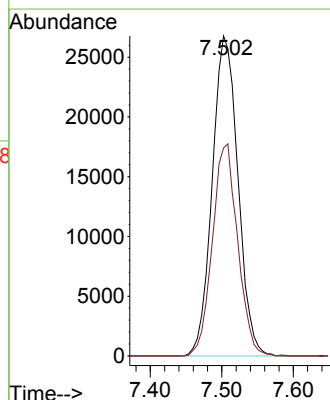
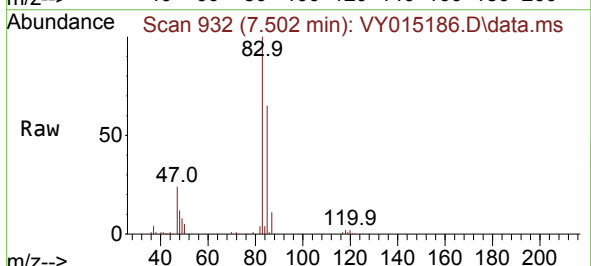
Instrument :  
MSVOA\_Y  
ClientSampleId :

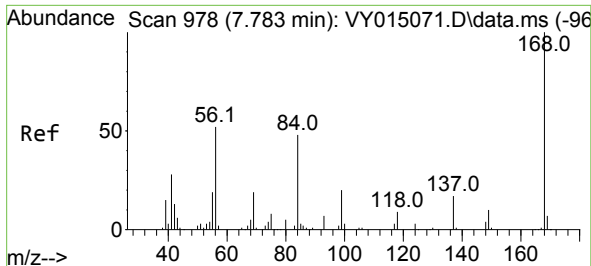
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 59130 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 44.9  | 32.8  | 49.2  |
| 71        | 41.5  | 31.0  | 46.4  |



#30  
Chloroform  
Concen: 20.231 ug/l  
RT: 7.502 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

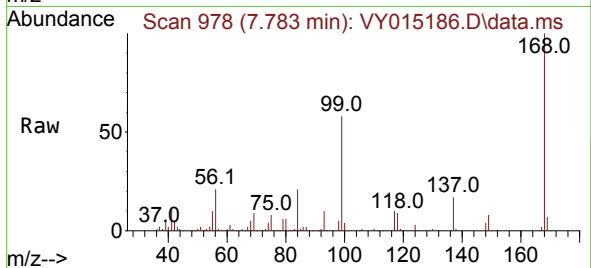
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 66829 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 65.0  | 49.7  | 74.5  |



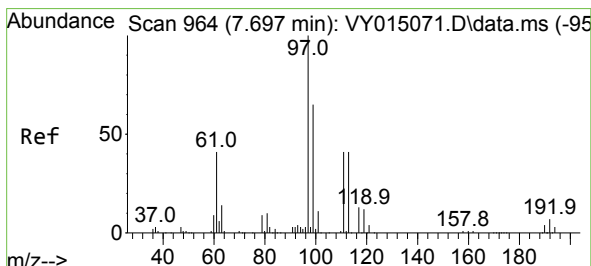
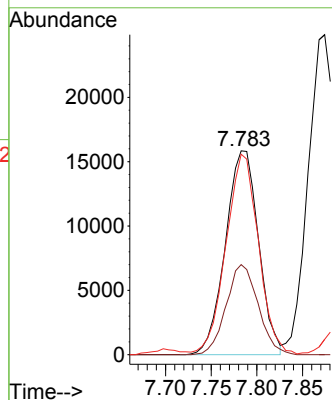
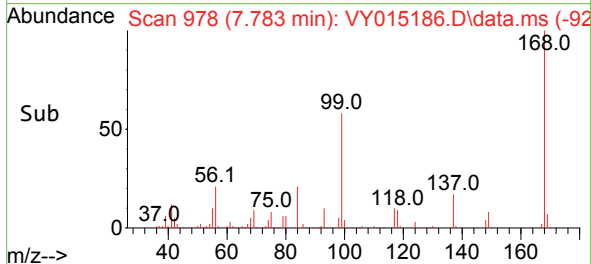


#31  
Cyclohexane  
Concen: 19.535 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

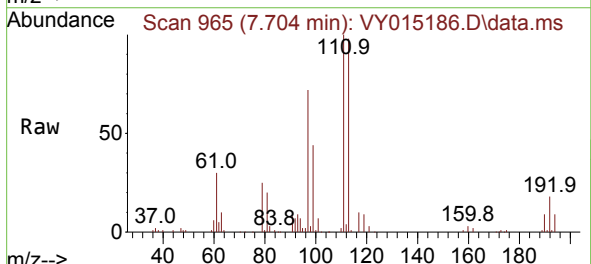
Instrument :  
MSVOA\_Y  
ClientSampleId :



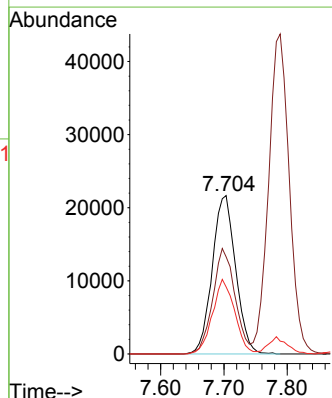
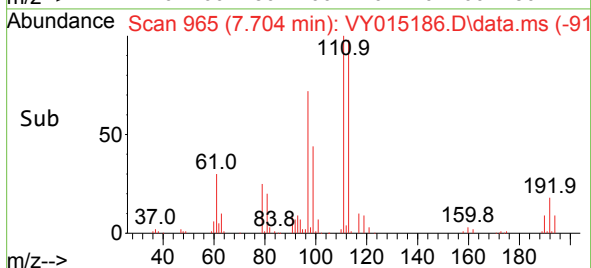
Tgt Ion: 56 Resp: 39983  
Ion Ratio Lower Upper  
56 100  
69 44.2 27.8 41.6#  
84 96.9 66.4 99.6

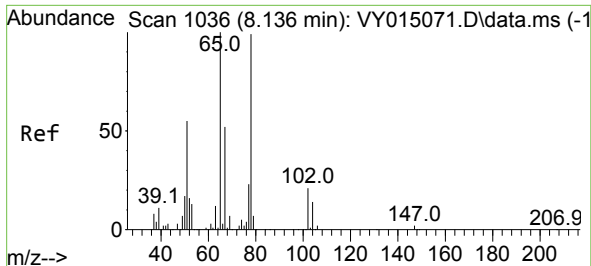


#32  
1,1,1-Trichloroethane  
Concen: 19.776 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13



Tgt Ion: 97 Resp: 55591  
Ion Ratio Lower Upper  
97 100  
99 63.3 50.8 76.2  
61 44.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.336 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

Instrument :

MSVOA\_Y

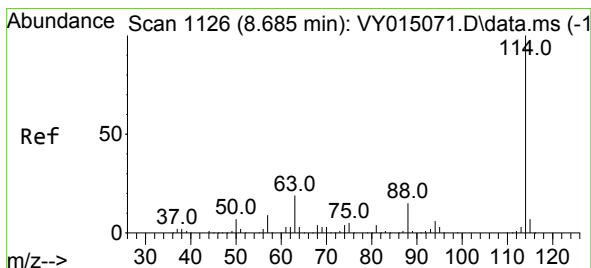
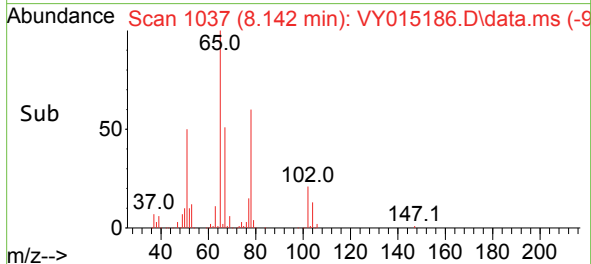
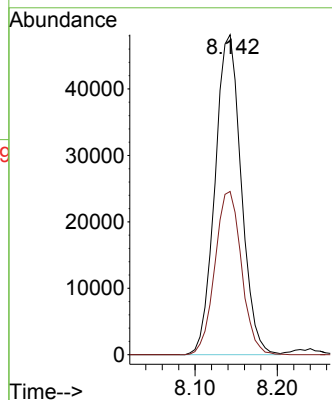
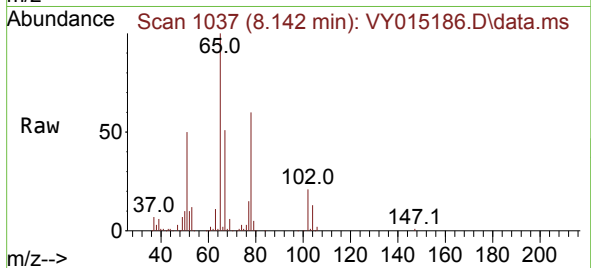
ClientSampleId :

Tgt Ion: 65 Resp: 106833

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

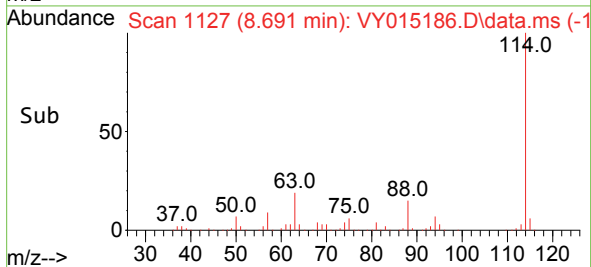
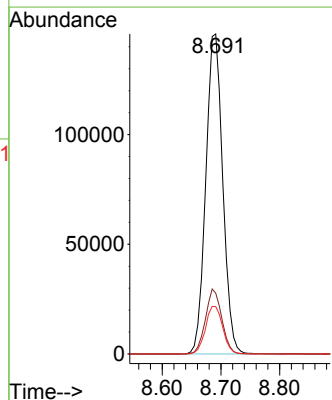
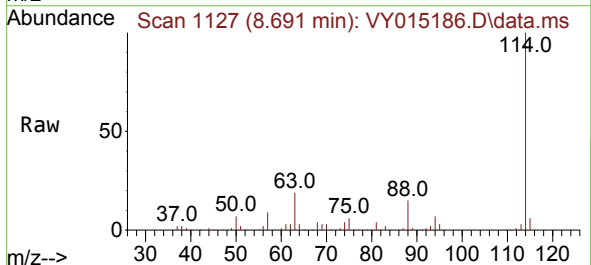
Tgt Ion: 114 Resp: 292532

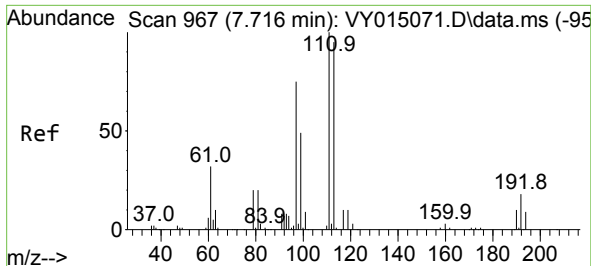
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.8 0.0 30.6

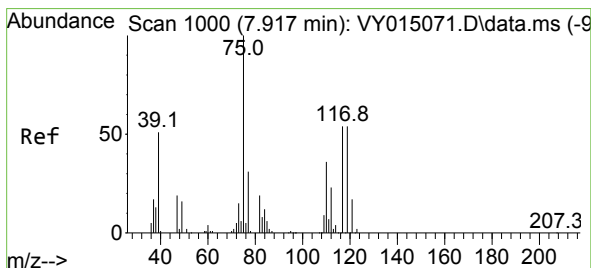
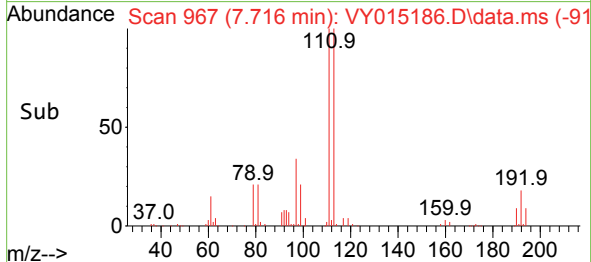
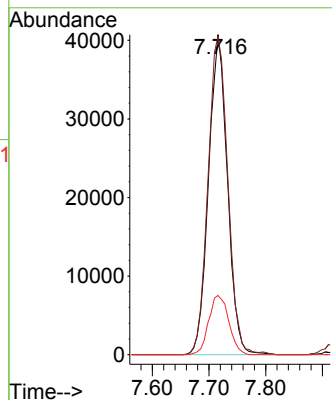
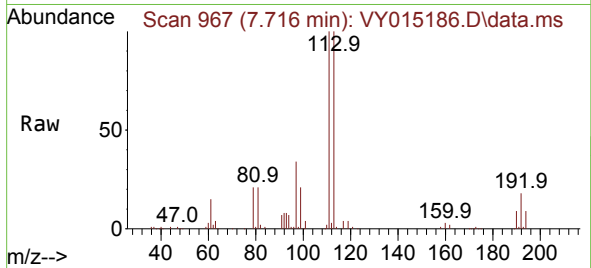




#35  
Dibromofluoromethane  
Concen: 49.904 ug/l  
RT: 7.716 min Scan# 909  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

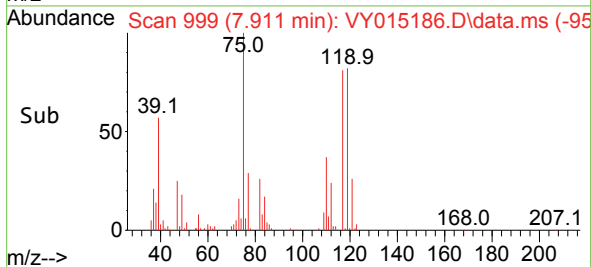
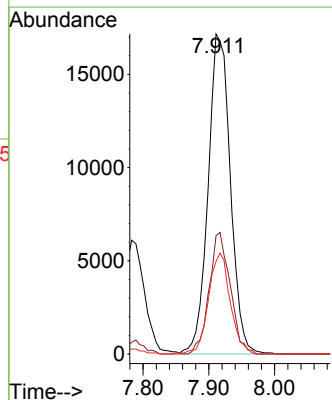
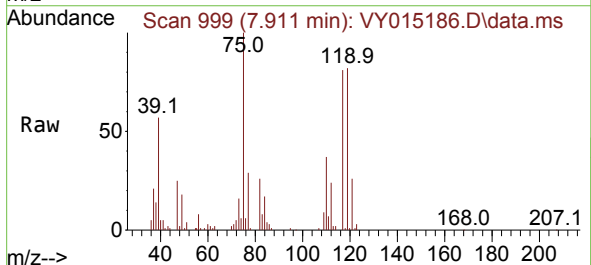
Instrument :  
MSVOA\_Y  
ClientSampleId :

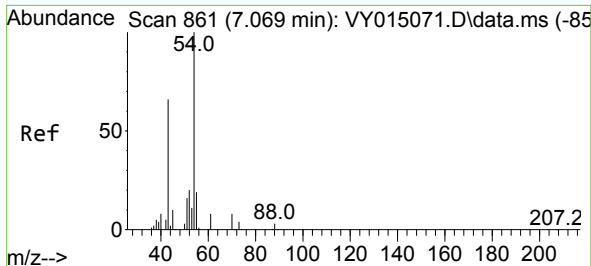
Tgt Ion:113 Resp: 93918  
Ion Ratio Lower Upper  
113 100  
111 105.0 81.3 121.9  
192 19.8 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 19.459 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 75 Resp: 40514  
Ion Ratio Lower Upper  
75 100  
110 35.9 17.8 53.5  
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 19.127 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

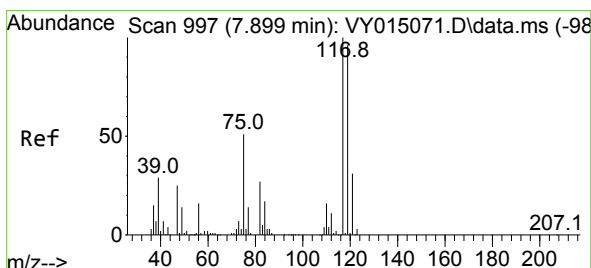
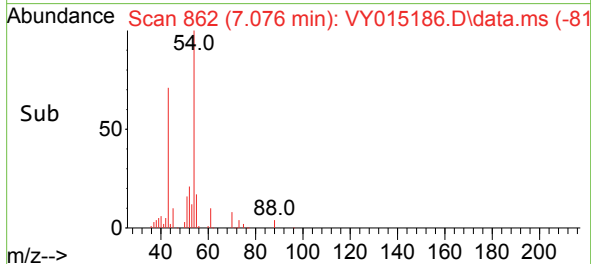
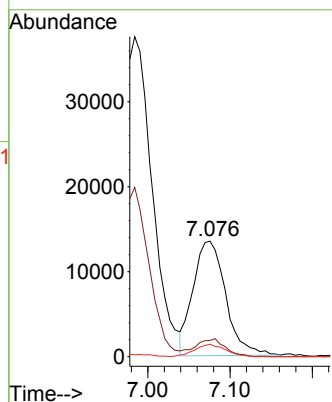
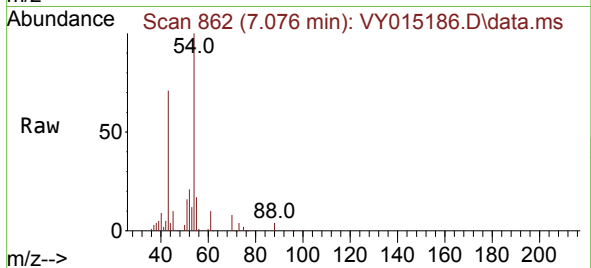
Tgt Ion: 43 Resp: 37121

Ion Ratio Lower Upper

43 100

61 14.5 10.1 15.1

70 10.2 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.108 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

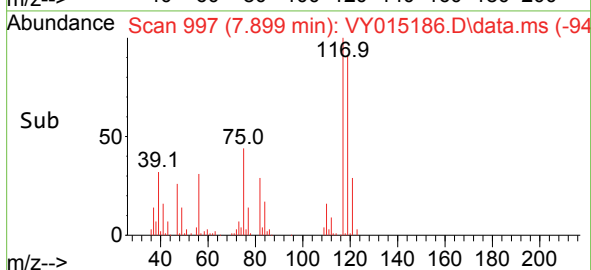
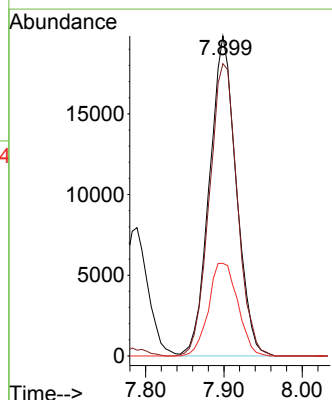
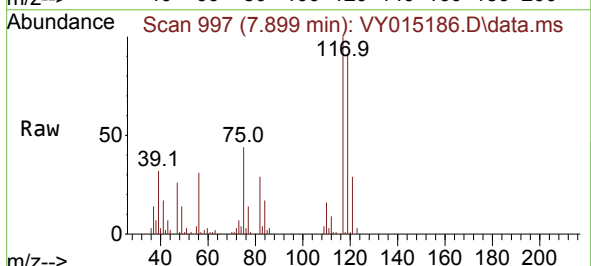
Tgt Ion: 117 Resp: 47084

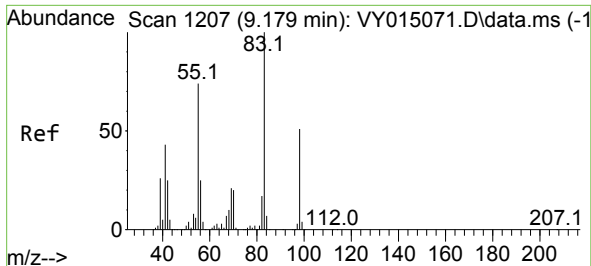
Ion Ratio Lower Upper

117 100

119 91.4 76.4 114.6

121 29.0 25.8 38.6

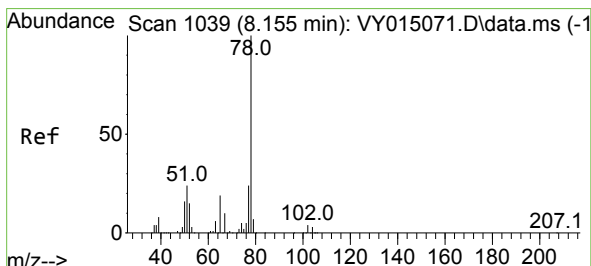
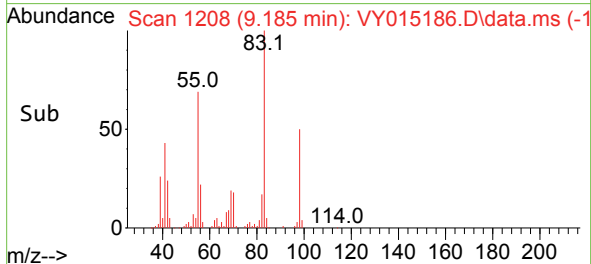
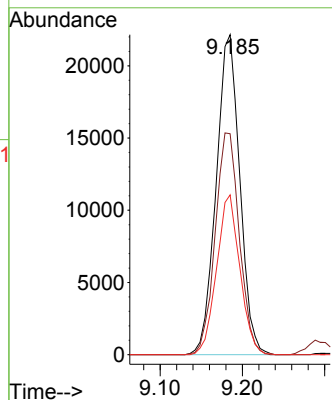
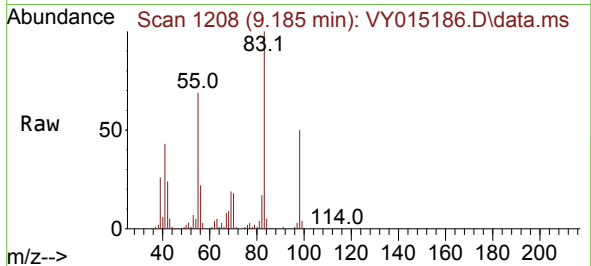




#39  
Methylcyclohexane  
Concen: 18.950 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

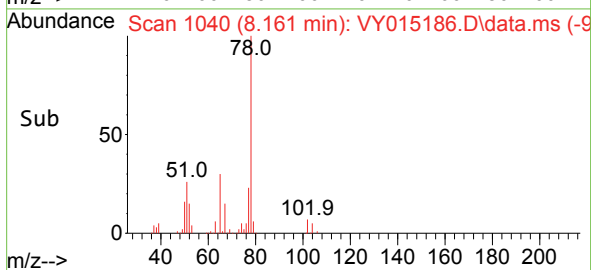
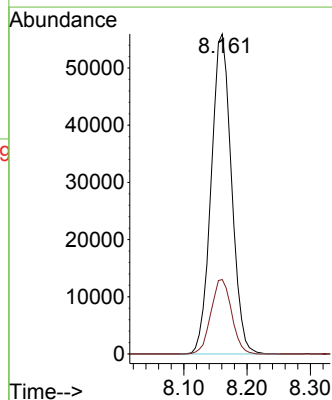
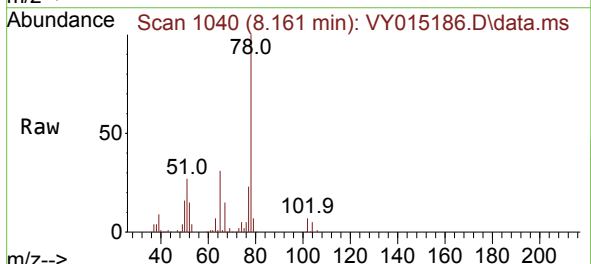
Instrument :  
MSVOA\_Y  
ClientSampleId :

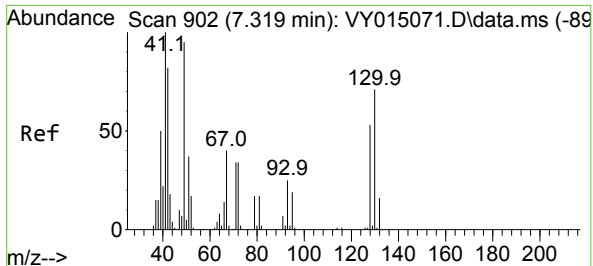
Tgt Ion: 83 Resp: 44230  
Ion Ratio Lower Upper  
83 100  
55 69.1 63.0 94.4  
98 50.0 37.4 56.2



#40  
Benzene  
Concen: 19.767 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 78 Resp: 124430  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.0 28.6

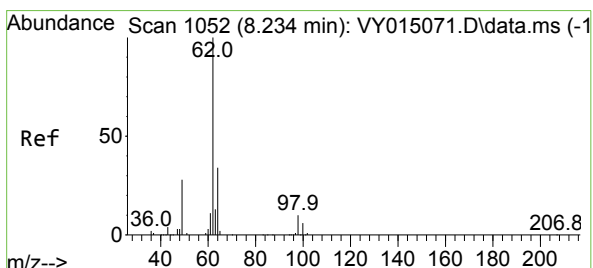
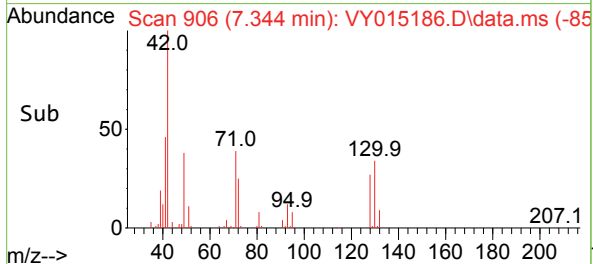
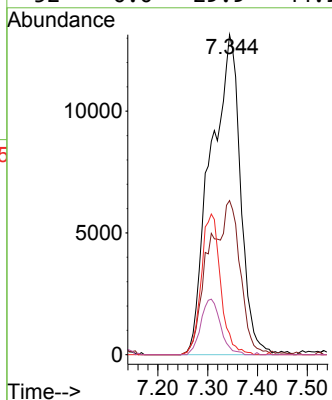
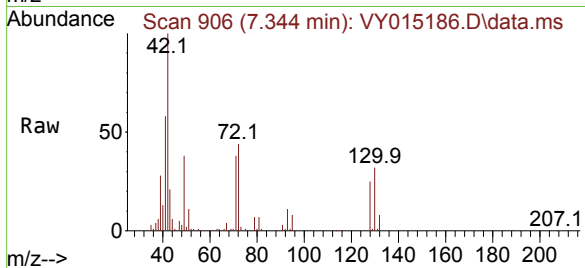




#41  
Methacrylonitrile  
Concen: 54.370 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.037 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

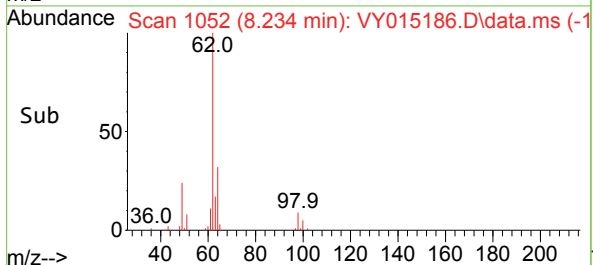
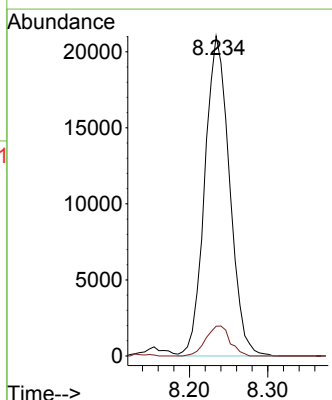
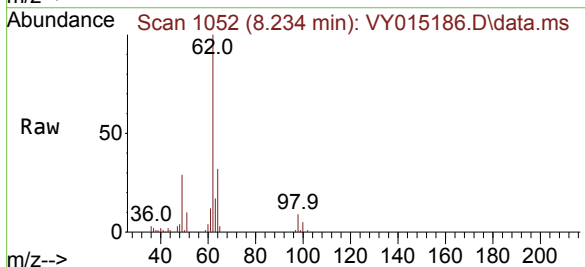
Instrument :  
MSVOA\_Y  
ClientSampleId :

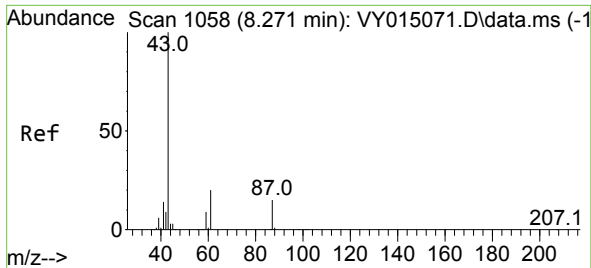
Tgt Ion: 41 Resp: 54410  
Ion Ratio Lower Upper  
41 100  
39 27.3 52.1 78.1#  
67 0.0 66.2 99.2#  
52 0.0 29.9 44.9#



#42  
1,2-Dichloroethane  
Concen: 20.164 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

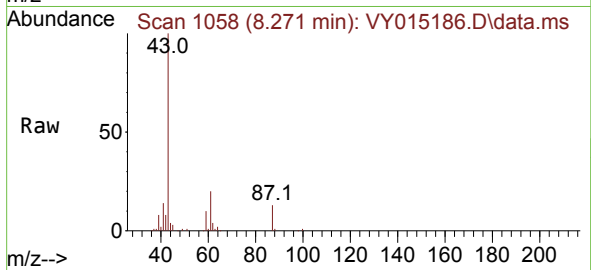
Tgt Ion: 62 Resp: 46097  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 15.8



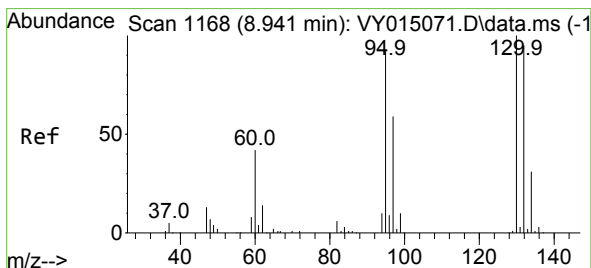
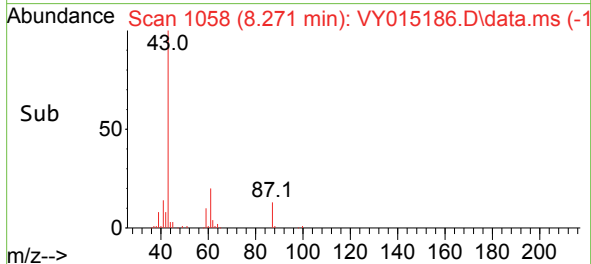
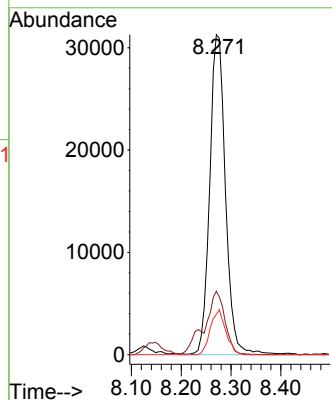


#43  
Isopropyl Acetate  
Concen: 19.458 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

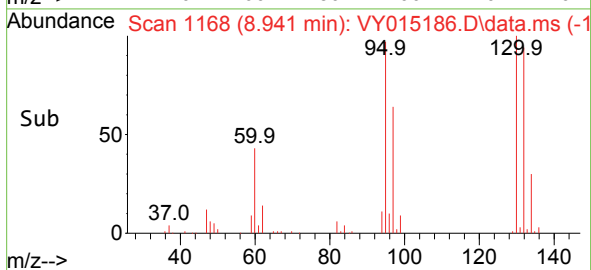
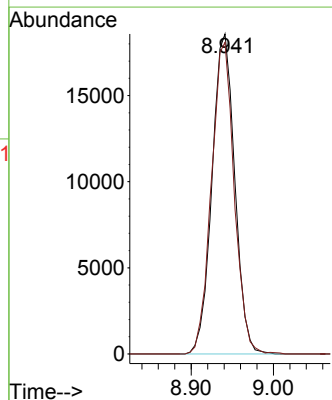
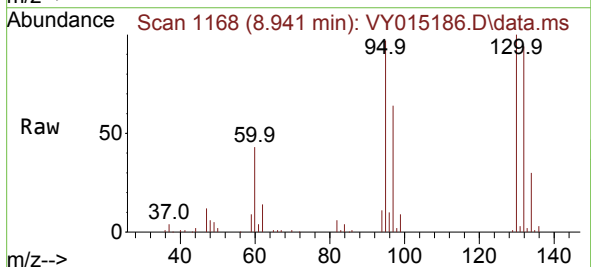


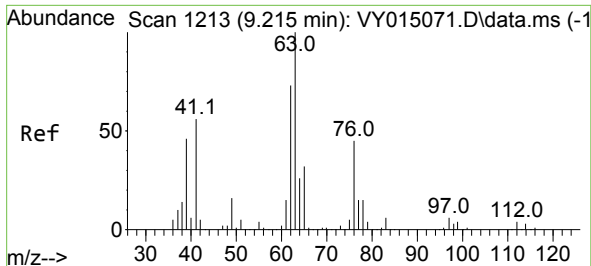
Tgt Ion: 43 Resp: 68768  
Ion Ratio Lower Upper  
43 100  
61 25.9 21.1 31.7  
87 13.7 9.8 14.8



#44  
Trichloroethene  
Concen: 19.642 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion:130 Resp: 35620  
Ion Ratio Lower Upper  
130 100  
95 97.3 0.0 196.0

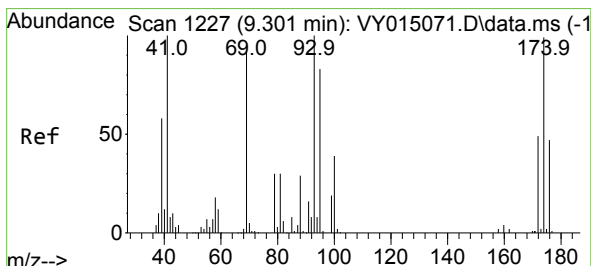
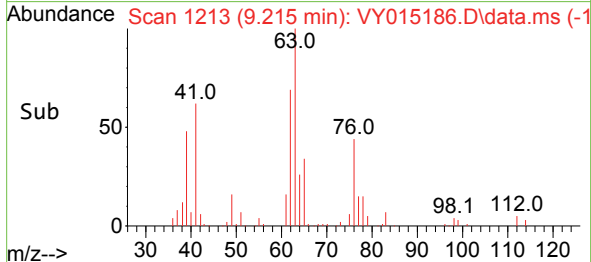
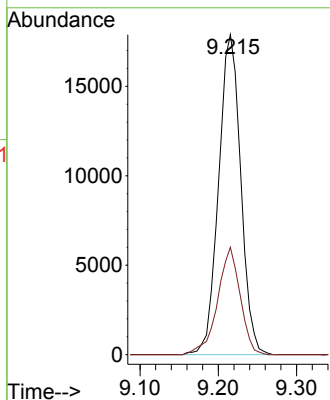
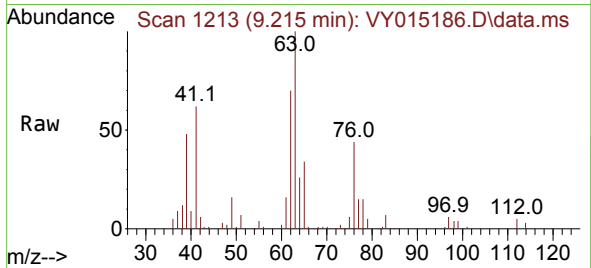




#45  
1,2-Dichloropropane  
Concen: 19.817 ug/l  
RT: 9.215 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

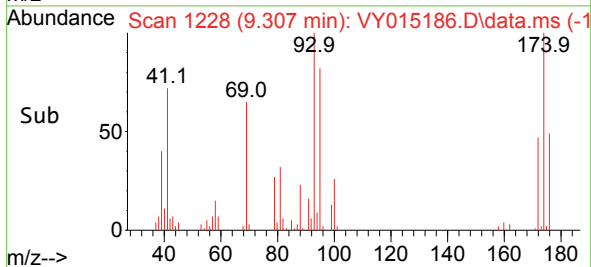
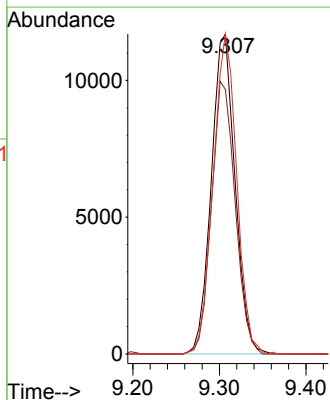
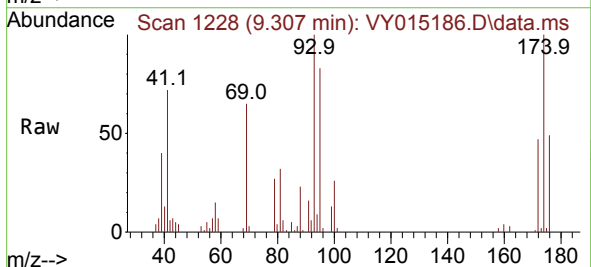
Instrument :  
MSVOA\_Y  
ClientSampleId :

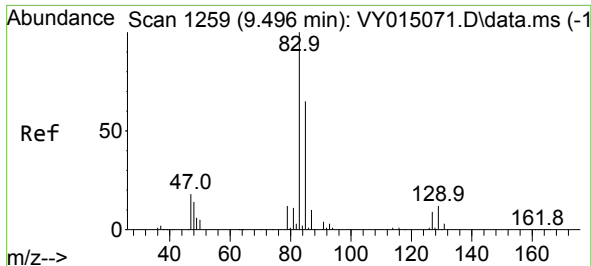
Tgt Ion: 63 Resp: 35175  
Ion Ratio Lower Upper  
63 100  
65 33.5 23.8 35.6



#46  
Dibromomethane  
Concen: 19.895 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

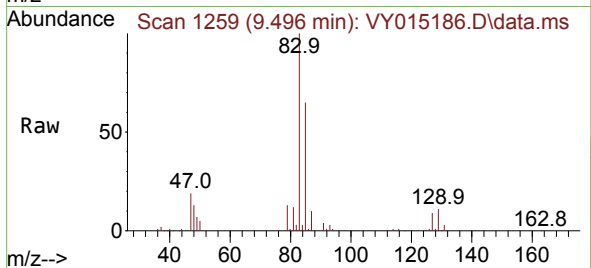
Tgt Ion: 93 Resp: 22273  
Ion Ratio Lower Upper  
93 100  
95 84.7 66.6 100.0  
174 99.3 84.8 127.2



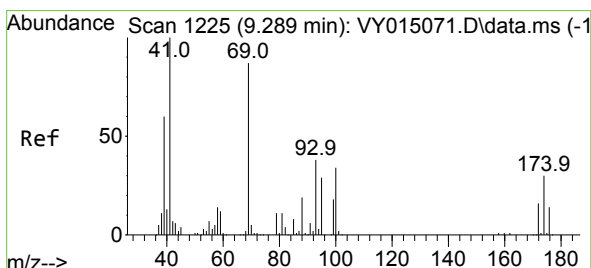
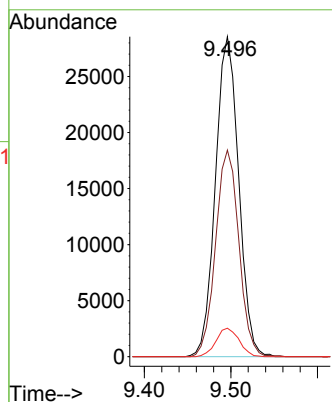
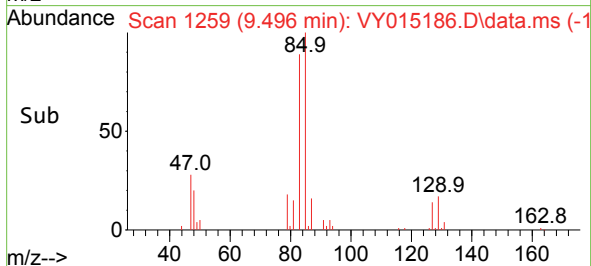


#47  
Bromodichloromethane  
Concen: 19.917 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

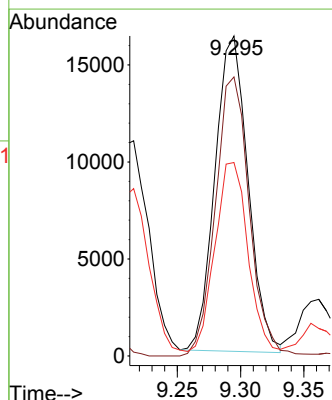
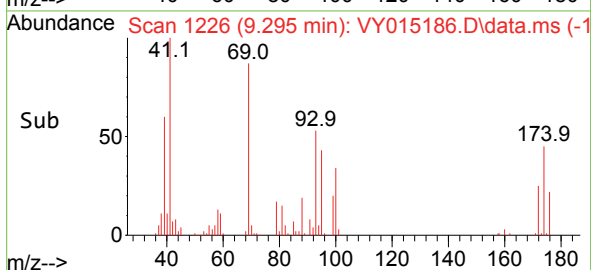
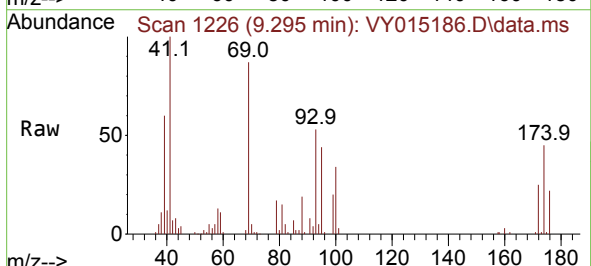


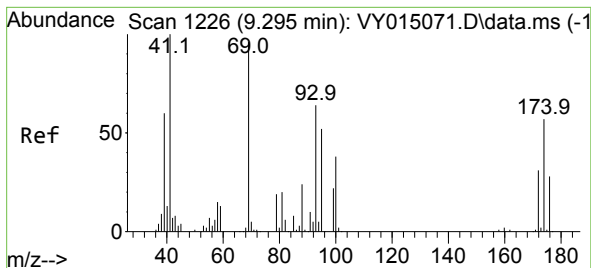
Tgt Ion: 83 Resp: 53208  
Ion Ratio Lower Upper  
83 100  
85 64.6 50.1 75.1  
127 8.9 7.1 10.7



#48  
Methyl methacrylate  
Concen: 19.536 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 41 Resp: 29535  
Ion Ratio Lower Upper  
41 100  
69 91.1 64.5 96.7  
39 62.5 50.8 76.2

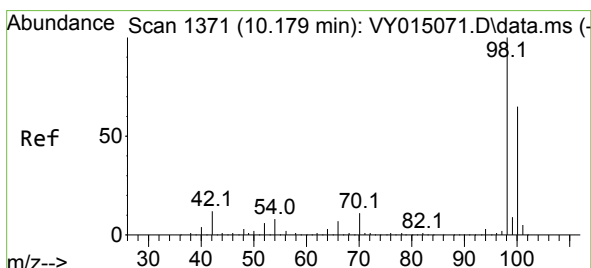
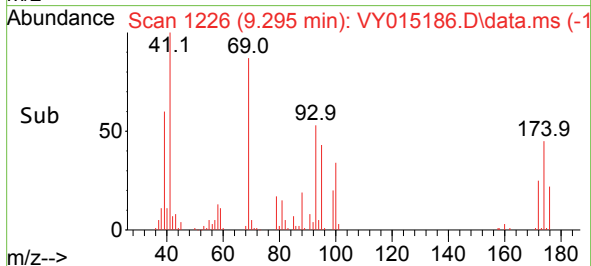
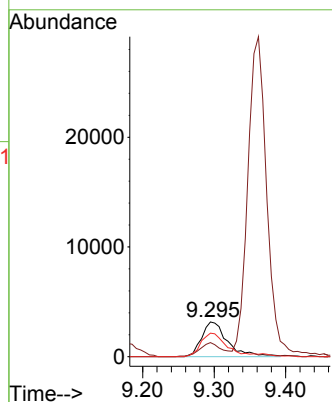
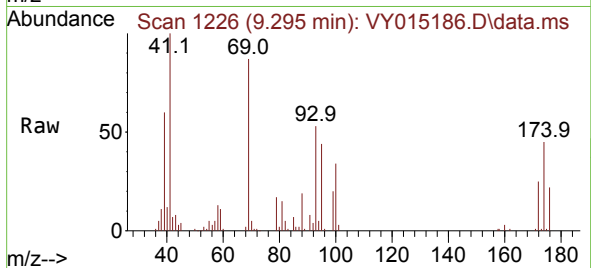




#49  
1,4-Dioxane  
Concen: 356.732 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

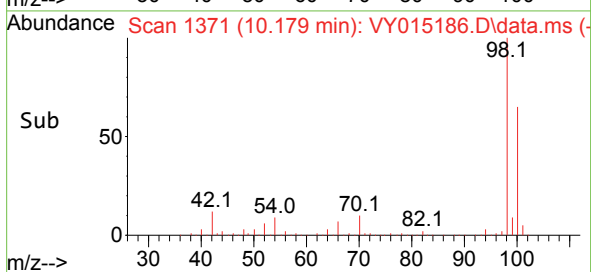
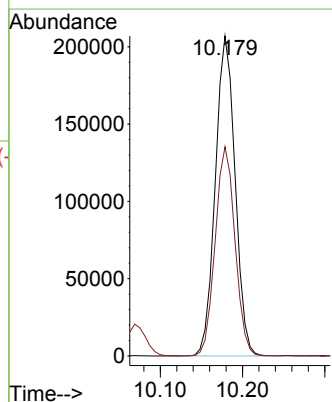
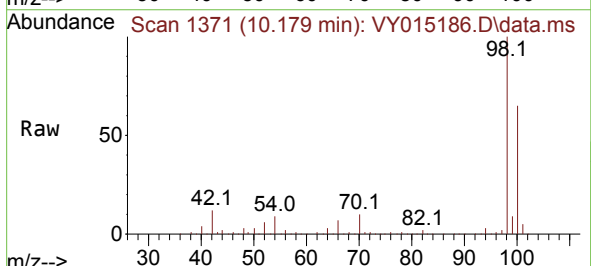
Instrument :  
MSVOA\_Y  
ClientSampleId :

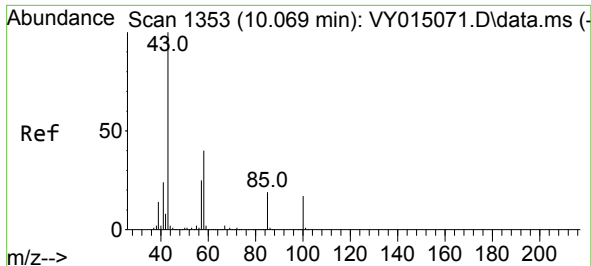
Tgt Ion: 88 Resp: 7986  
Ion Ratio Lower Upper  
88 100  
43 33.1 0.0 0.0#  
58 72.4 30.9 46.3#



#50  
Toluene-d8  
Concen: 49.412 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 98 Resp: 346170  
Ion Ratio Lower Upper  
98 100  
100 65.4 50.1 75.1

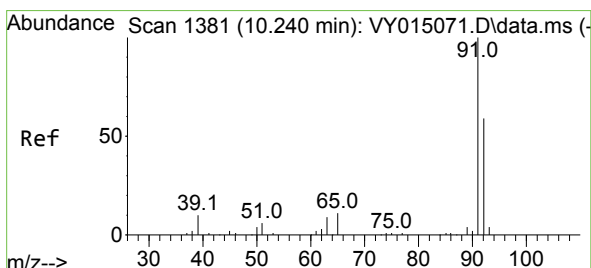
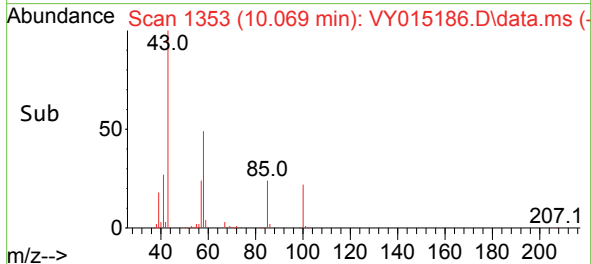
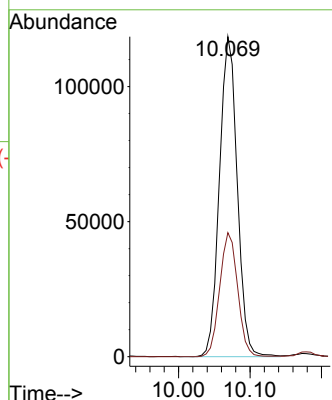
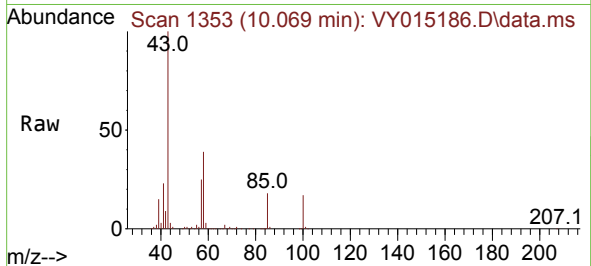




#51  
4-Methyl-2-Pentanone  
Concen: 100.018 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

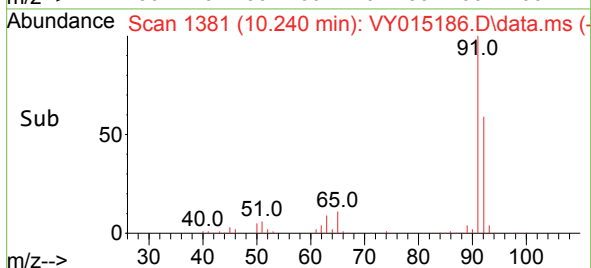
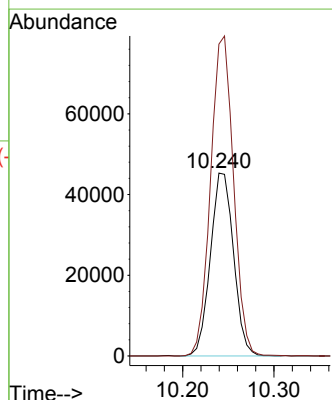
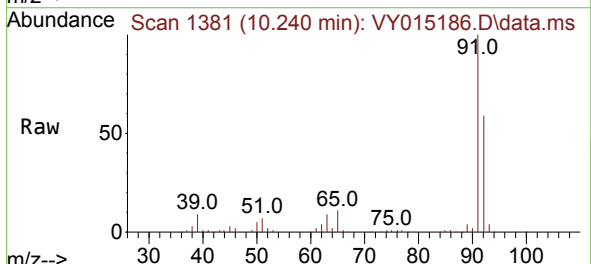
Instrument :  
MSVOA\_Y  
ClientSampleId :

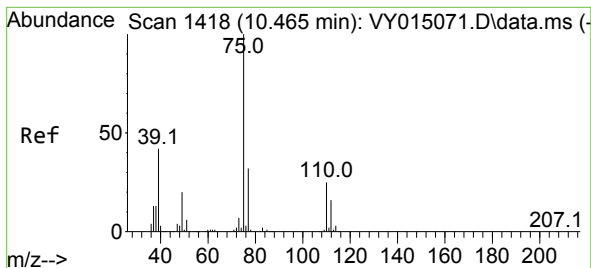
Tgt Ion: 43 Resp: 204863  
Ion Ratio Lower Upper  
43 100  
58 39.1 29.0 43.6



#52  
Toluene  
Concen: 19.210 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 92 Resp: 79702  
Ion Ratio Lower Upper  
92 100  
91 173.4 143.8 215.6

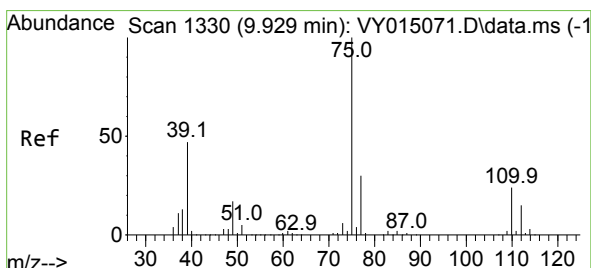
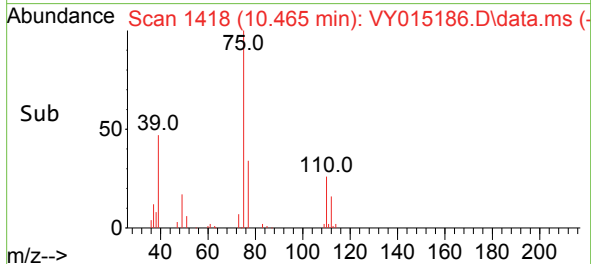
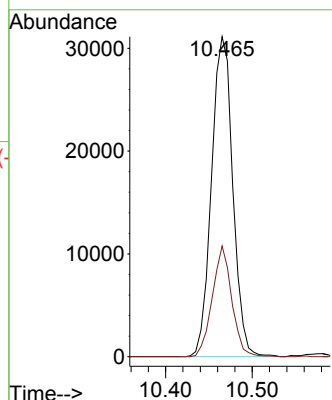
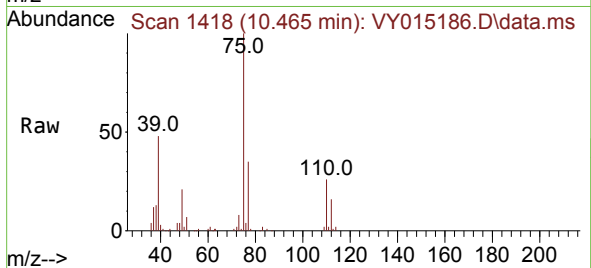




#53  
t-1,3-Dichloropropene  
Concen: 18.917 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

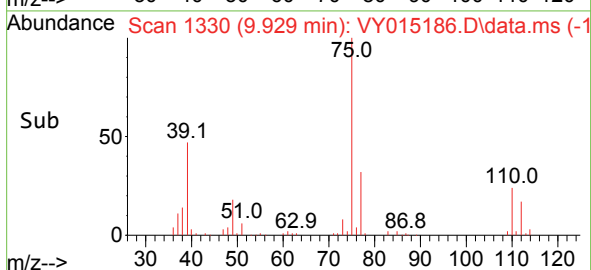
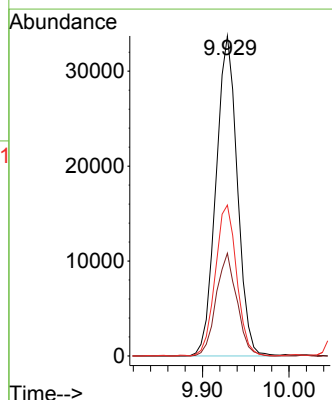
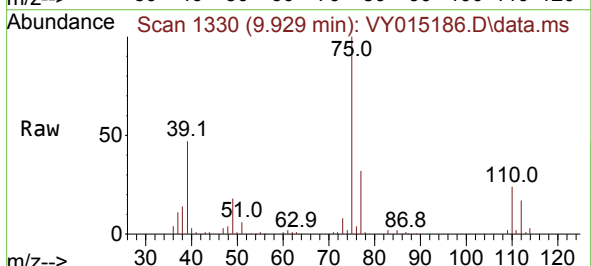
Instrument :  
MSVOA\_Y  
ClientSampleId :

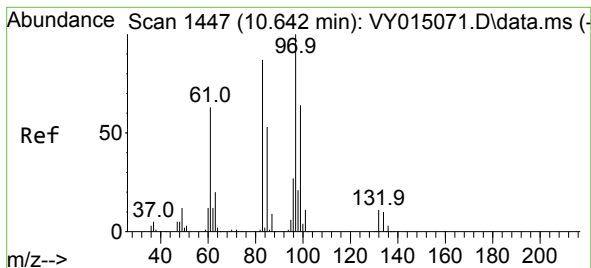
Tgt Ion: 75 Resp: 53109  
Ion Ratio Lower Upper  
75 100  
77 34.6 25.0 37.4



#54  
cis-1,3-Dichloropropene  
Concen: 19.502 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 75 Resp: 57663  
Ion Ratio Lower Upper  
75 100  
77 32.1 24.2 36.4  
39 47.0 42.2 63.4

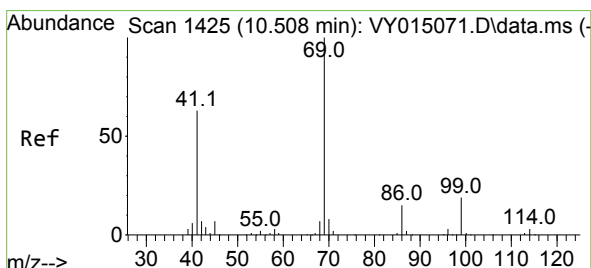
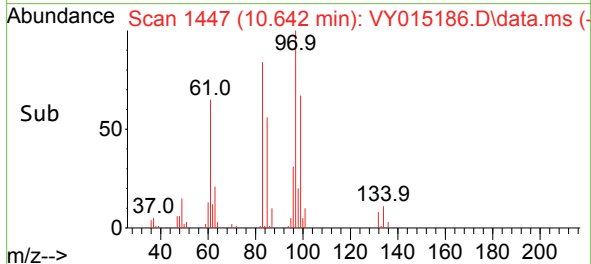
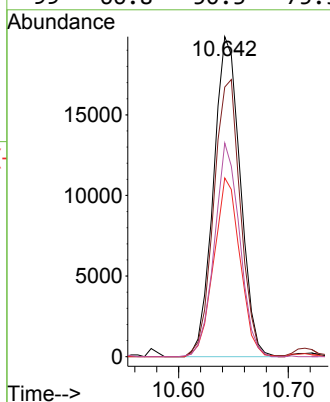
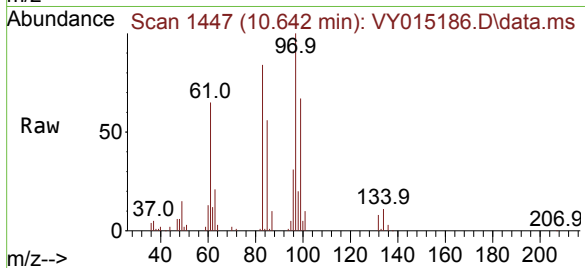




#55  
1,1,2-Trichloroethane  
Concen: 19.780 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

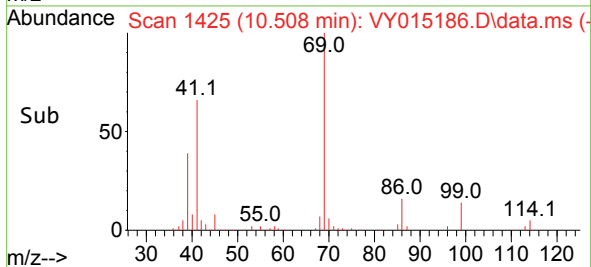
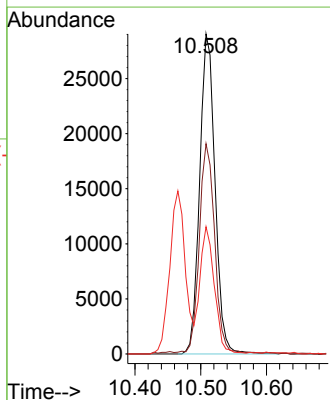
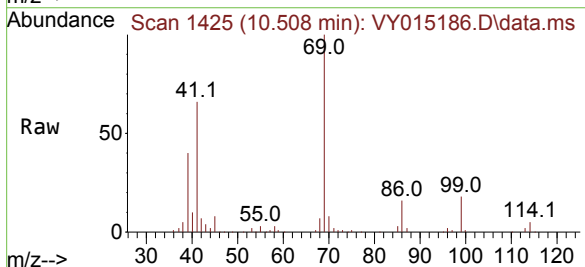
Instrument :  
MSVOA\_Y  
ClientSampleId :

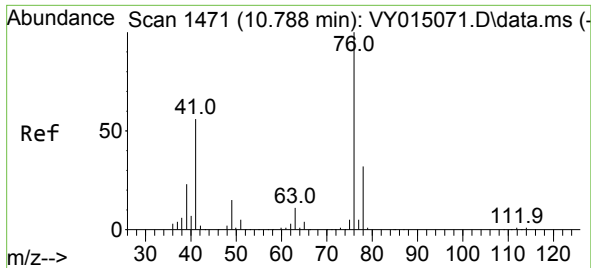
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 33671 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.2  | 72.0  | 108.0 |
| 85       | 55.9  | 45.4  | 68.0  |
| 99       | 66.8  | 50.3  | 75.5  |



#56  
Ethyl methacrylate  
Concen: 18.934 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 47169 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.3  | 57.6  | 86.4  |
| 39       | 36.5  | 34.1  | 51.1  |

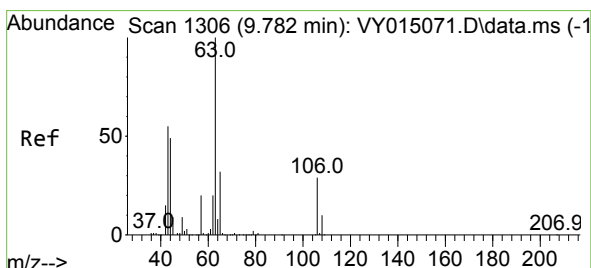
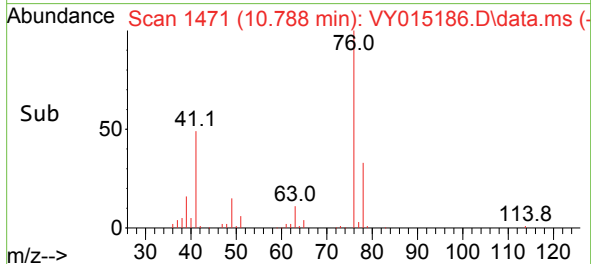
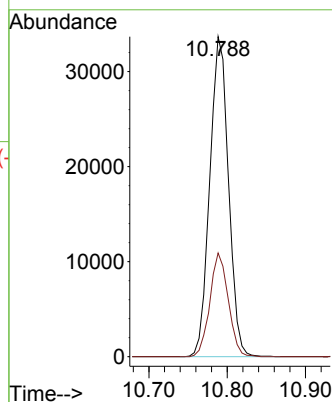
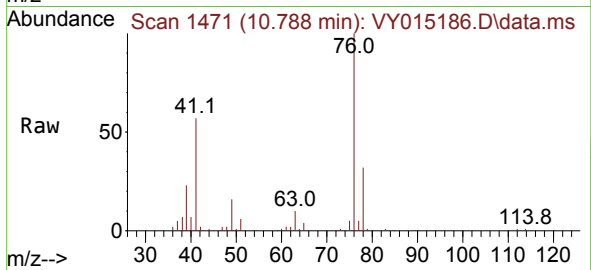




#57  
1,3-Dichloropropane  
Concen: 20.075 ug/l  
RT: 10.788 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

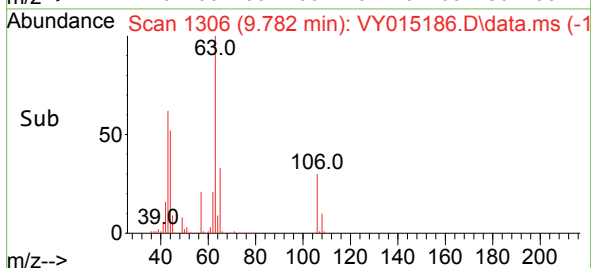
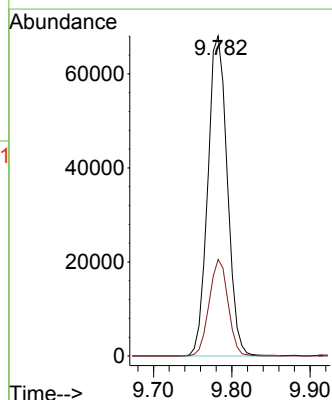
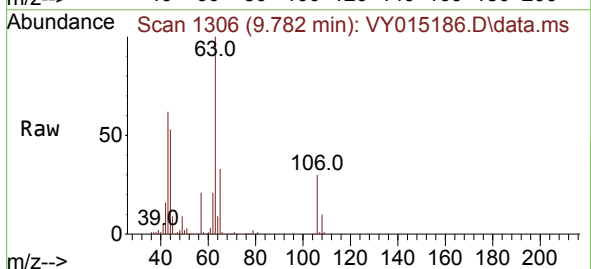
Instrument :  
MSVOA\_Y  
ClientSampleId :

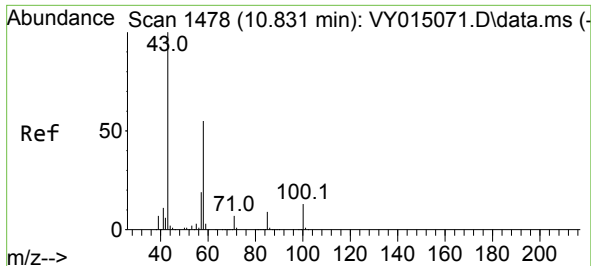
Tgt Ion: 76 Resp: 55830  
Ion Ratio Lower Upper  
76 100  
78 31.9 25.3 37.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 101.518 ug/l  
RT: 9.782 min Scan# 1306  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 63 Resp: 117696  
Ion Ratio Lower Upper  
63 100  
106 29.1 21.2 31.8

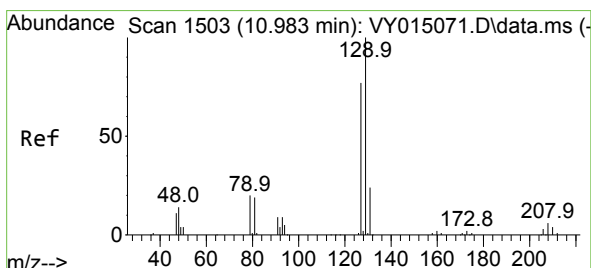
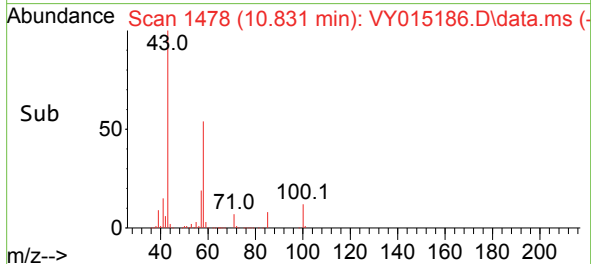
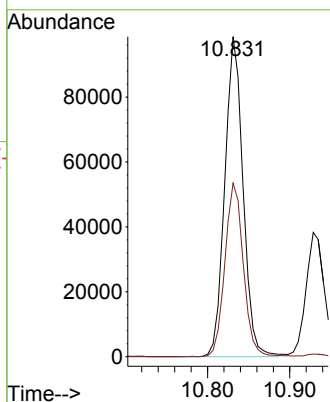
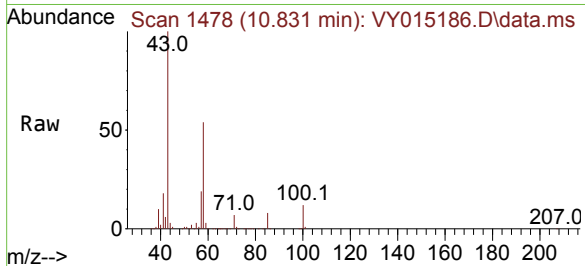




#59  
2-Hexanone  
Concen: 100.459 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

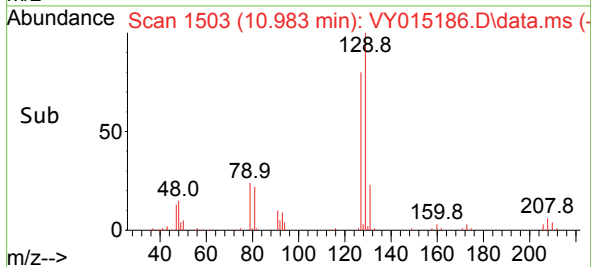
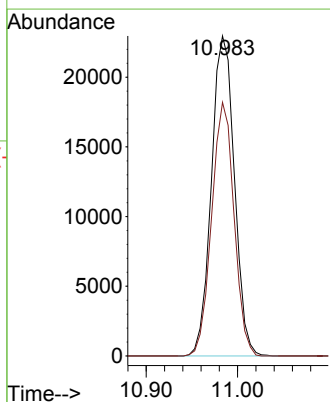
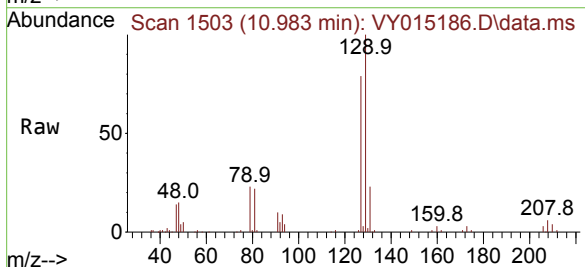
Instrument :  
MSVOA\_Y  
ClientSampleId :

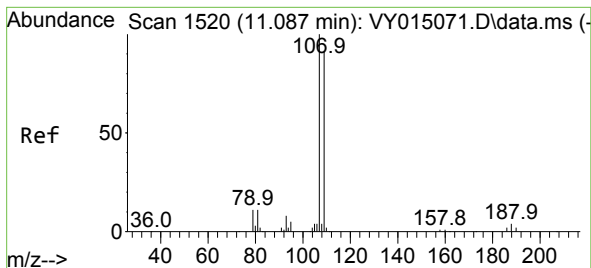
Tgt Ion: 43 Resp: 152288  
Ion Ratio Lower Upper  
43 100  
58 54.9 25.1 75.3



#60  
Dibromochloromethane  
Concen: 19.734 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 129 Resp: 40071  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.5 115.5

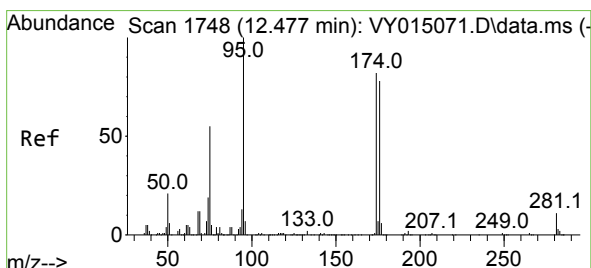
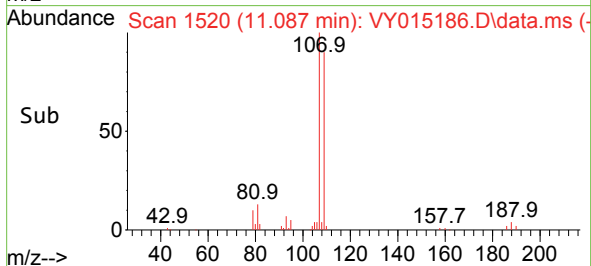
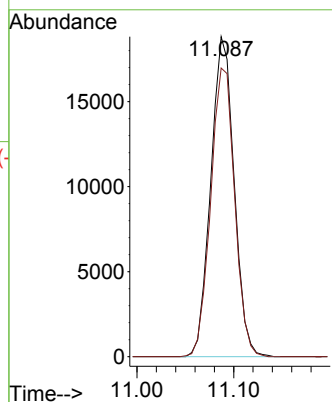
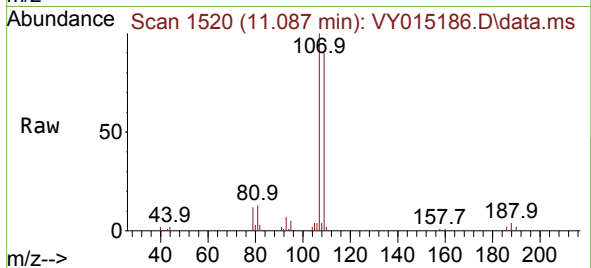




#61  
1,2-Dibromoethane  
Concen: 19.487 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

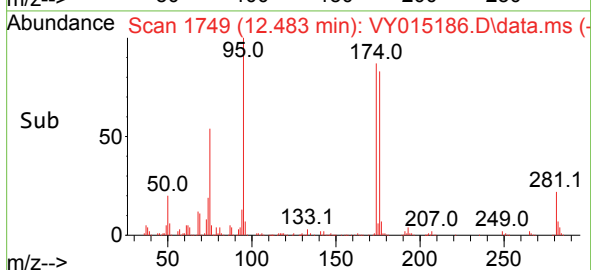
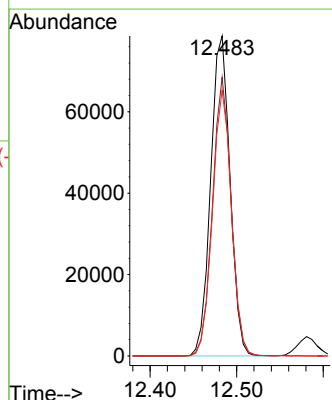
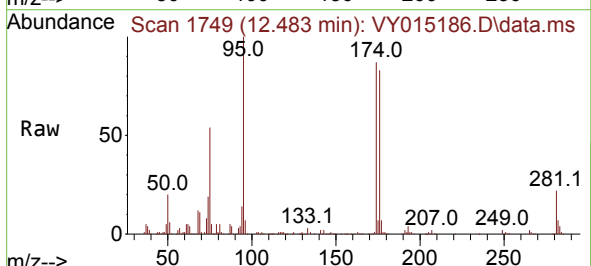
Instrument :  
MSVOA\_Y  
ClientSampleId :

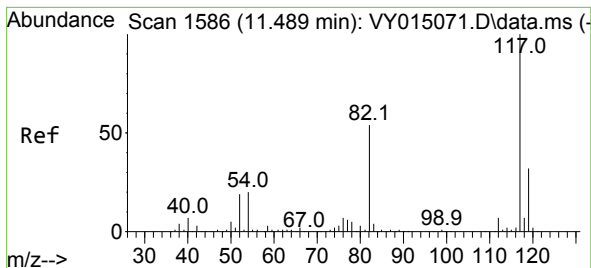
Tgt Ion:107 Resp: 31512  
Ion Ratio Lower Upper  
107 100  
109 92.7 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 47.734 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 95 Resp: 122143  
Ion Ratio Lower Upper  
95 100  
174 83.9 0.0 178.2  
176 81.3 0.0 173.8

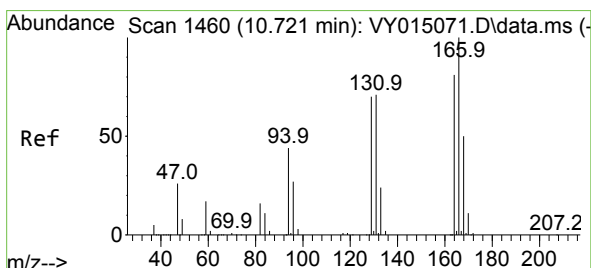
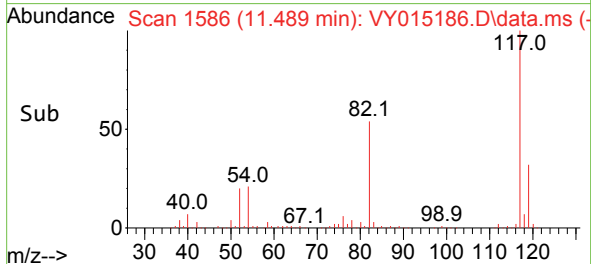
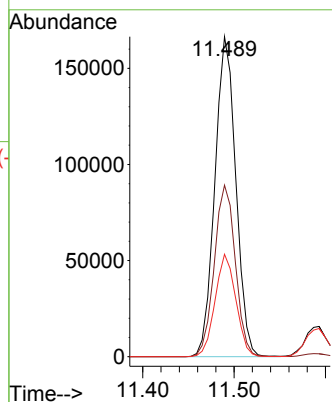
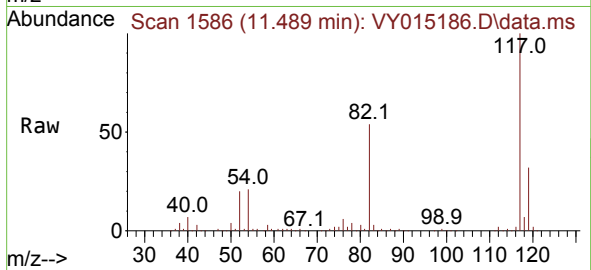




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

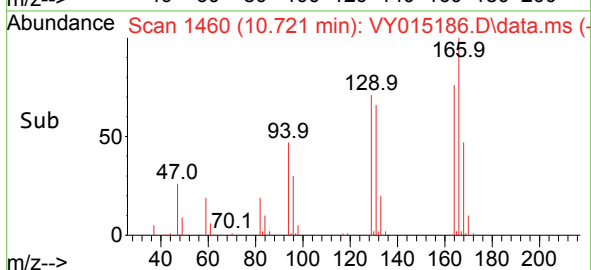
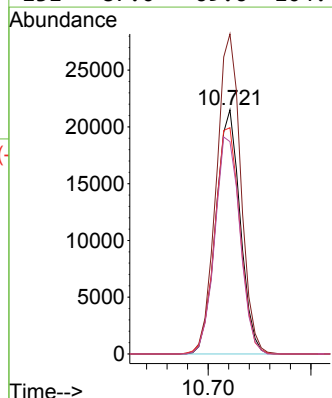
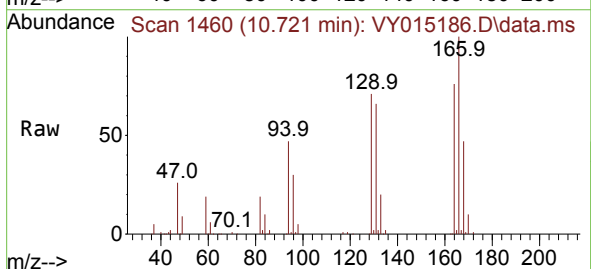
Instrument :  
MSVOA\_Y  
ClientSampleId :

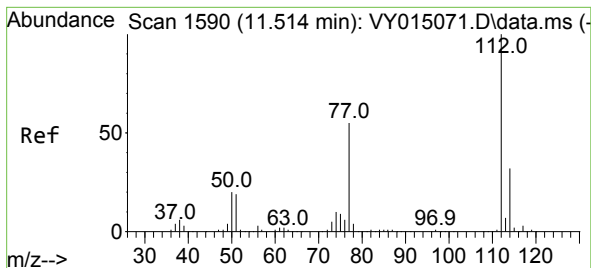
Tgt Ion:117 Resp: 265078  
Ion Ratio Lower Upper  
117 100  
82 53.6 43.4 65.0  
119 32.0 26.3 39.5



#64  
Tetrachloroethene  
Concen: 19.081 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion:164 Resp: 35239  
Ion Ratio Lower Upper  
164 100  
166 131.1 103.0 154.6  
129 92.7 77.2 115.8  
131 87.0 69.6 104.4

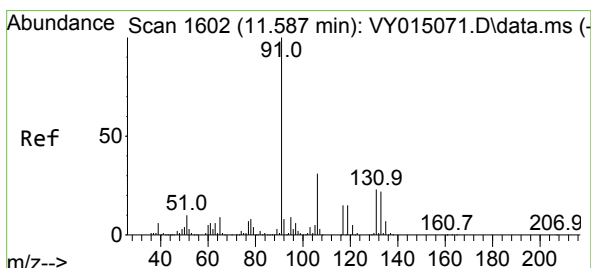
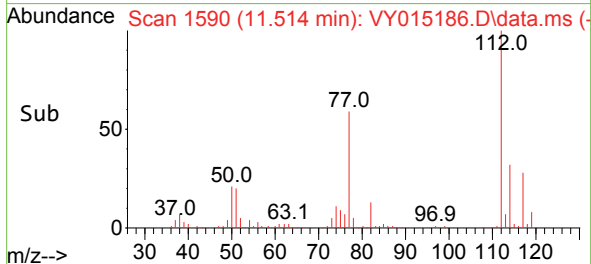
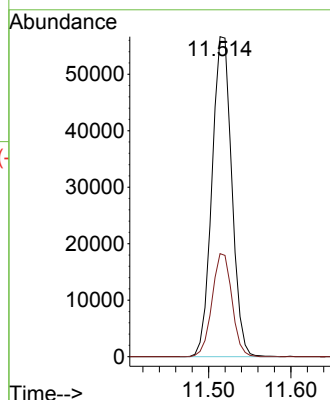
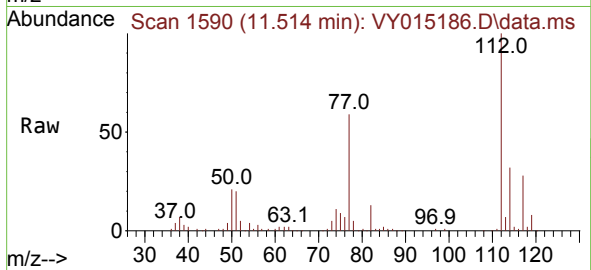




#65  
Chlorobenzene  
Concen: 19.620 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

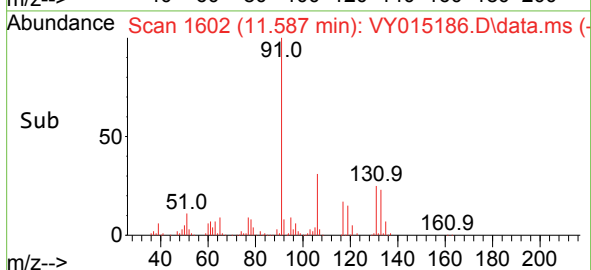
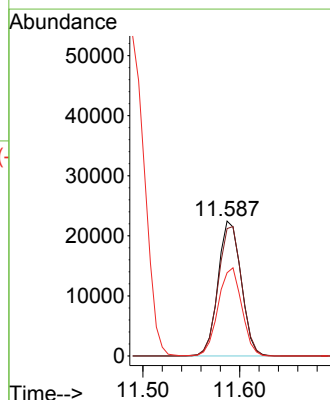
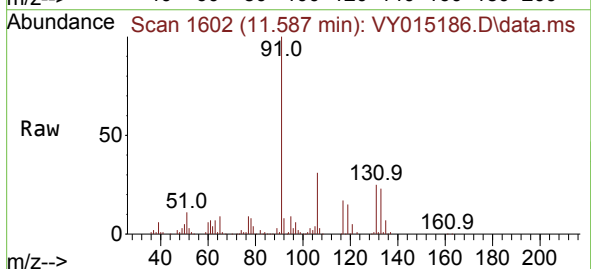
Instrument :  
MSVOA\_Y  
ClientSampleId :

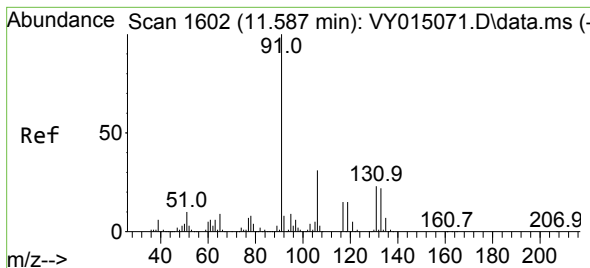
Tgt Ion:112 Resp: 94758  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.022 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion:131 Resp: 37277  
Ion Ratio Lower Upper  
131 100  
133 97.6 47.5 142.6  
119 66.7 31.6 94.7





#67

Ethyl Benzene

Concen: 19.318 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

Instrument :

MSVOA\_Y

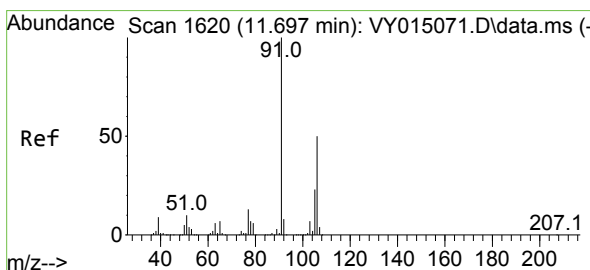
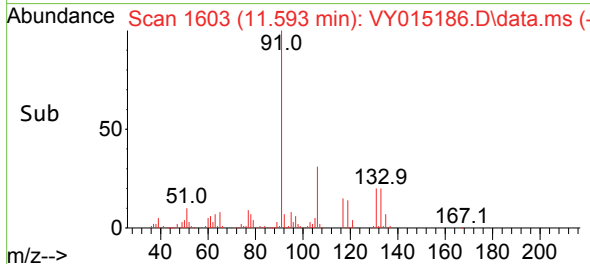
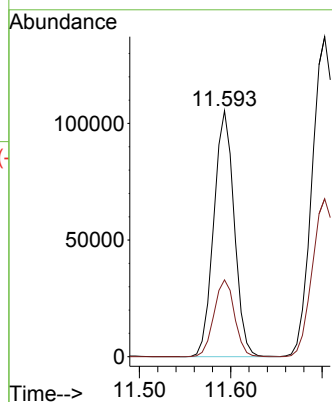
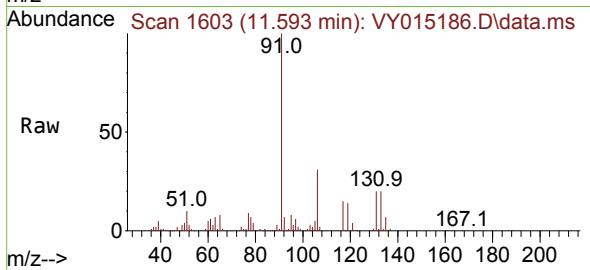
ClientSampleId :

Tgt Ion: 91 Resp: 163472

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 38.442 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015186.D

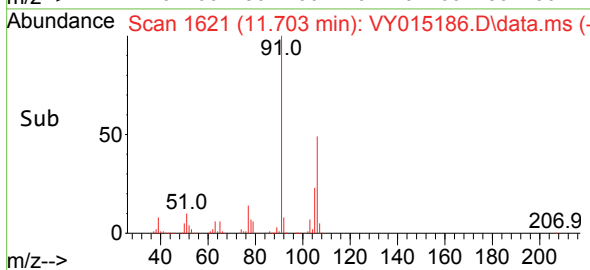
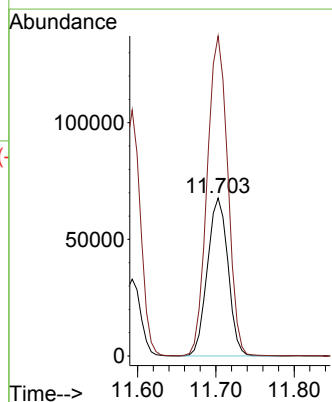
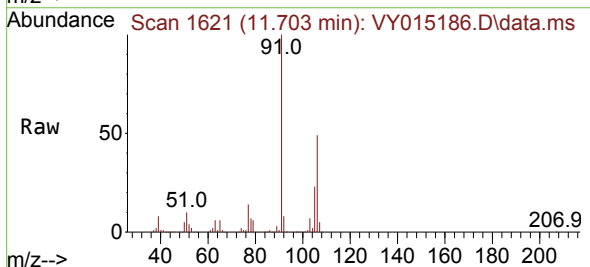
Acq: 18 Aug 2023 11:13

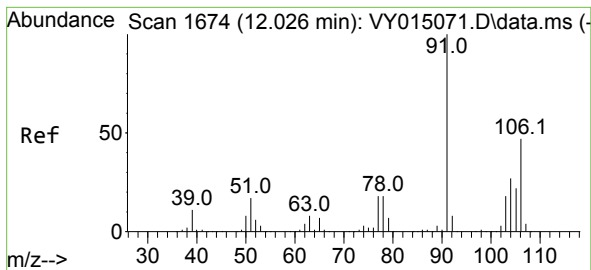
Tgt Ion:106 Resp: 123551

Ion Ratio Lower Upper

106 100

91 202.3 166.1 249.1





#69

o-Xylene

Concen: 19.483 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

Instrument :

MSVOA\_Y

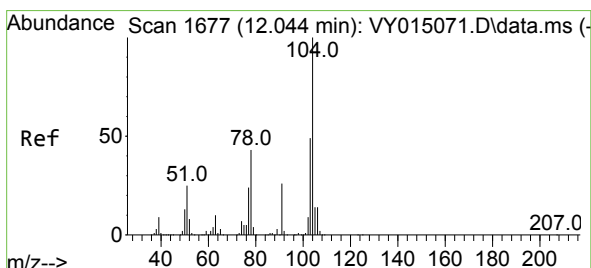
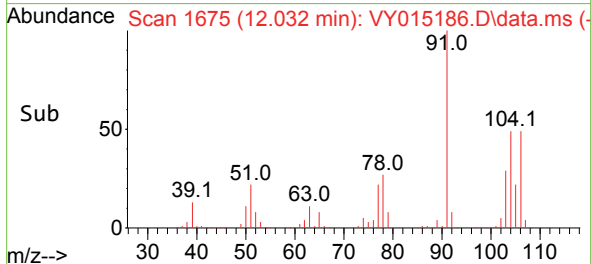
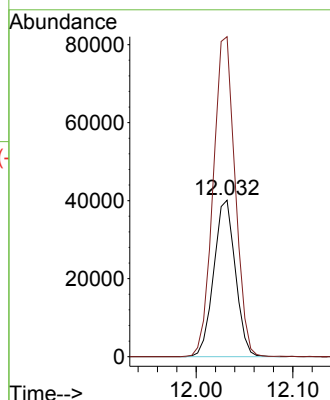
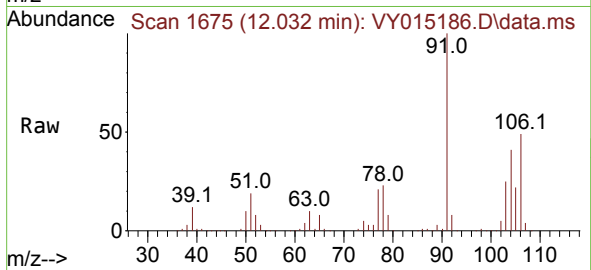
ClientSampleId :

Tgt Ion:106 Resp: 62378

Ion Ratio Lower Upper

106 100

91 207.4 108.1 324.3



#70

Styrene

Concen: 19.327 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

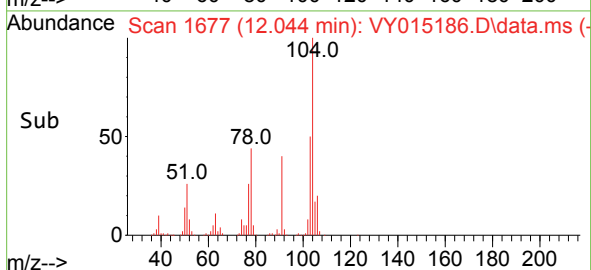
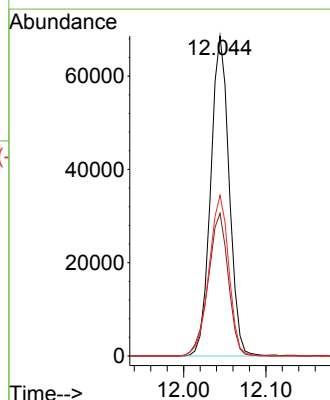
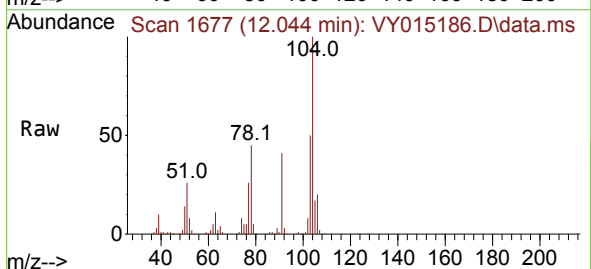
Tgt Ion:104 Resp: 107099

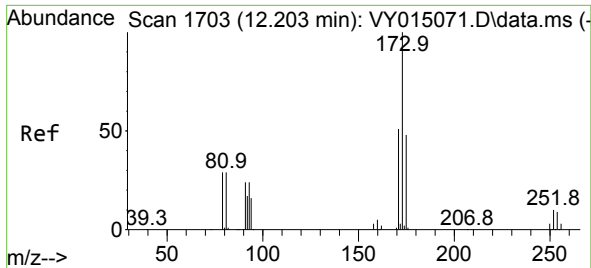
Ion Ratio Lower Upper

104 100

78 48.6 41.5 62.3

103 53.8 44.6 67.0

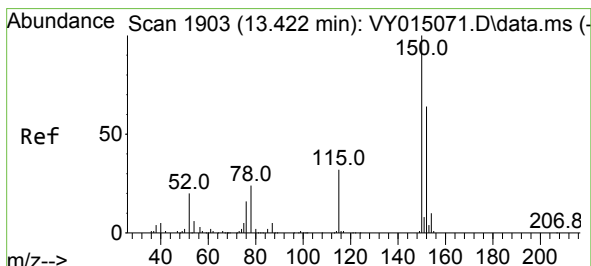
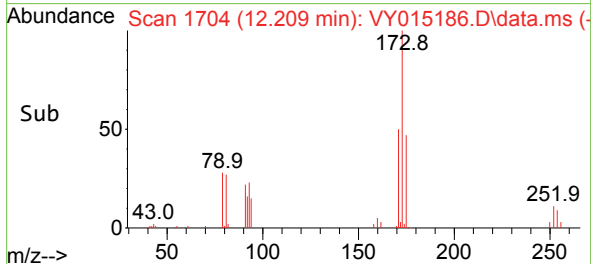
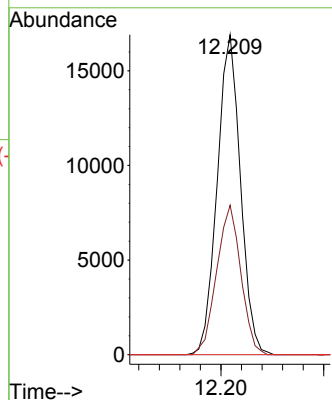
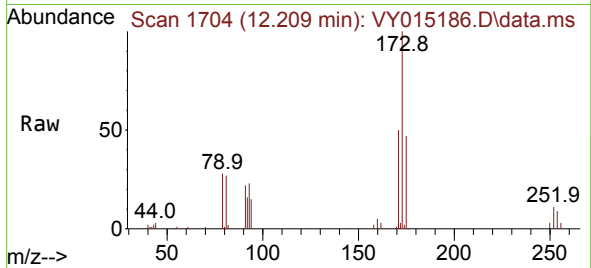




#71  
Bromoform  
Concen: 18.661 ug/l  
RT: 12.209 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

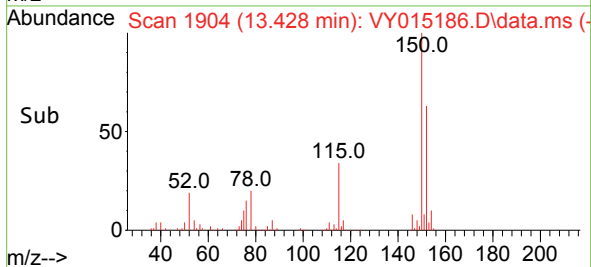
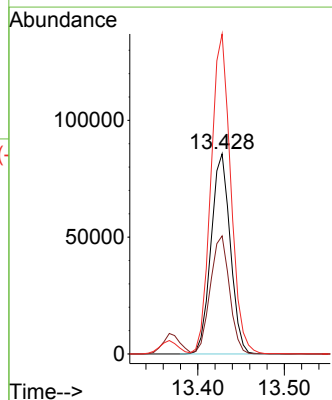
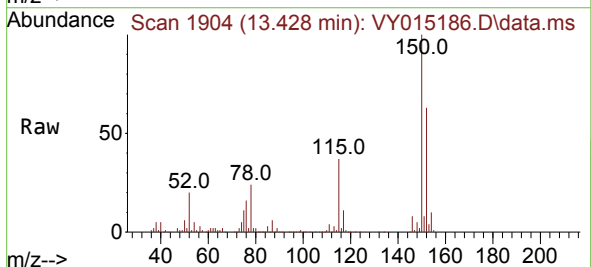
Instrument :  
MSVOA\_Y  
ClientSampleId :

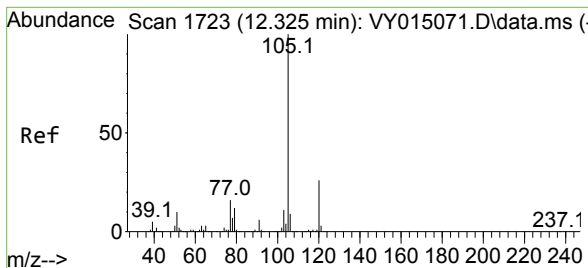
Tgt Ion:173 Resp: 26510  
Ion Ratio Lower Upper  
173 100  
175 48.7 24.6 73.8  
254 0.0 0.2 0.2#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion:152 Resp: 132140  
Ion Ratio Lower Upper  
152 100  
115 59.0 28.8 86.5  
150 164.0 0.0 348.8





#73

Isopropylbenzene

Concen: 20.066 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

Instrument :

MSVOA\_Y

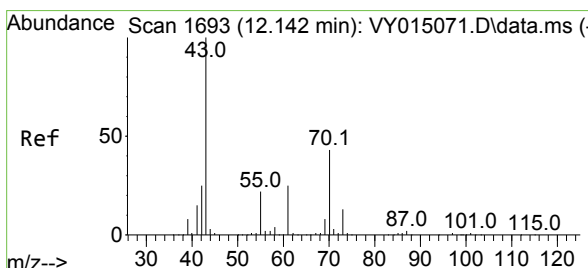
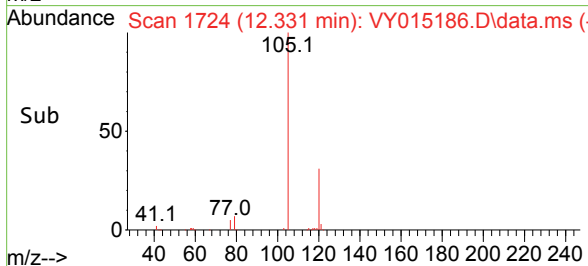
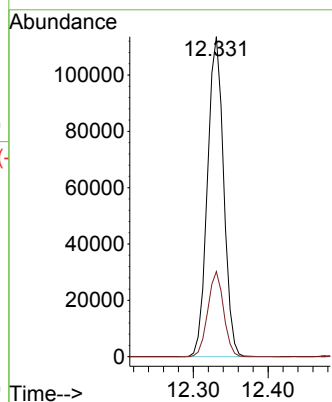
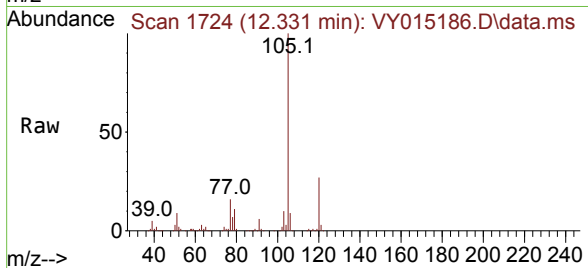
ClientSampleId :

Tgt Ion:105 Resp: 170500

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.9



#74

N-ethyl acetate

Concen: 19.676 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

Tgt Ion: 43 Resp: 60364

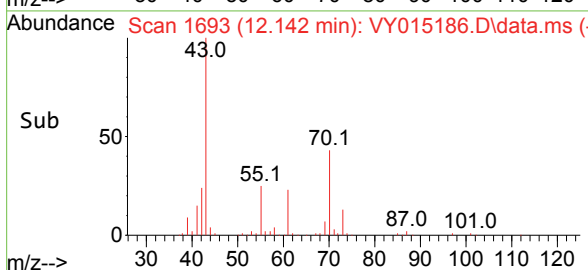
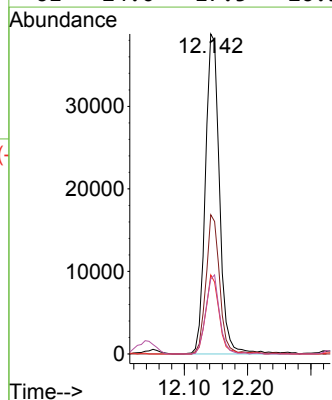
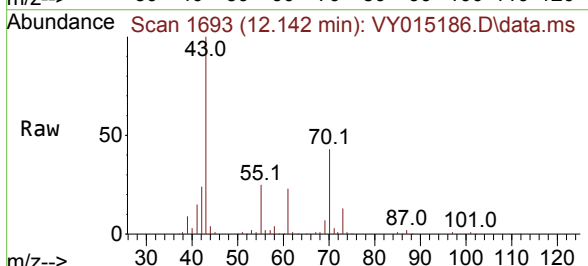
Ion Ratio Lower Upper

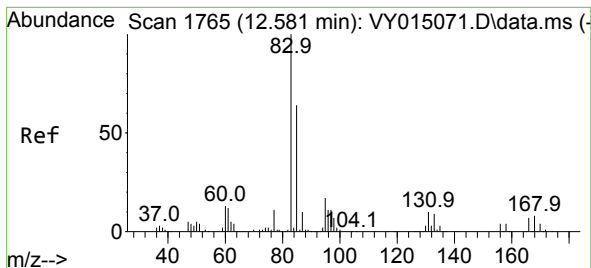
43 100

70 41.8 29.7 44.5

55 23.6 18.3 27.5

61 24.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.987 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

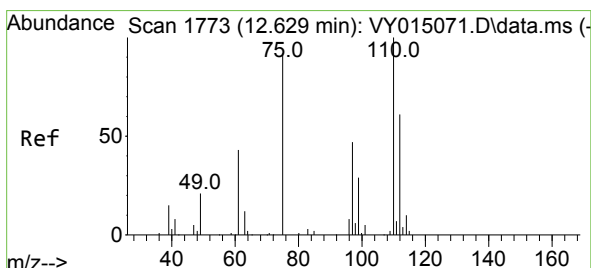
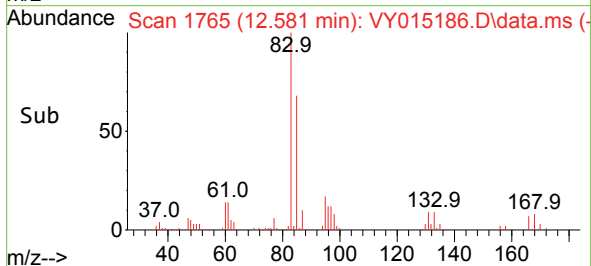
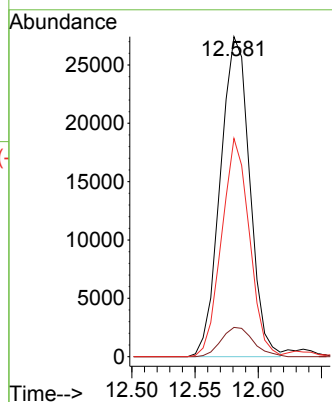
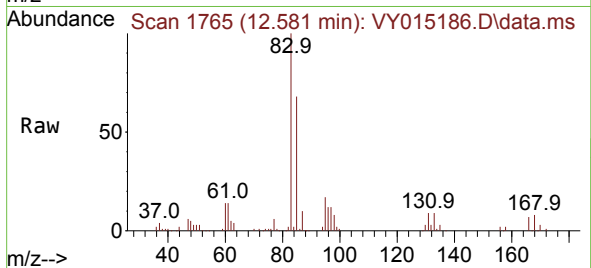
Tgt Ion: 83 Resp: 44232

Ion Ratio Lower Upper

83 100

131 10.0 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.155 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015186.D

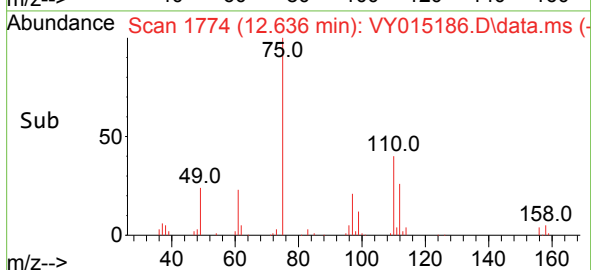
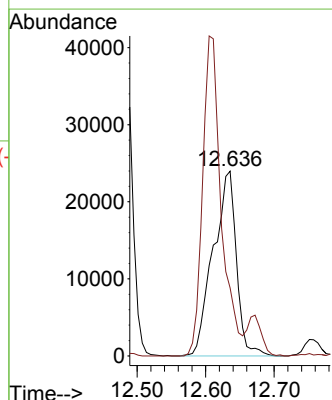
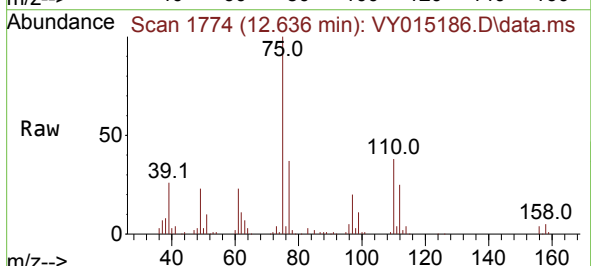
Acq: 18 Aug 2023 11:13

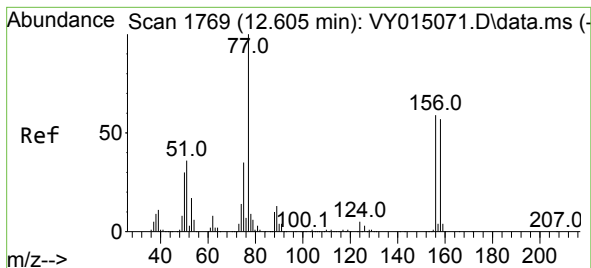
Tgt Ion: 75 Resp: 56438

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.417 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015186.D

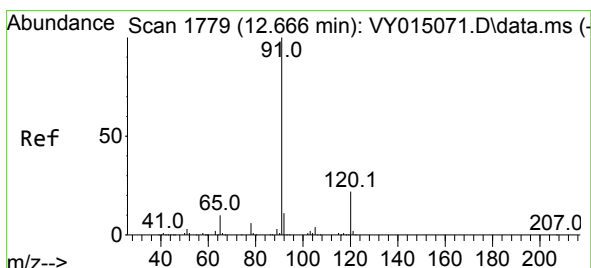
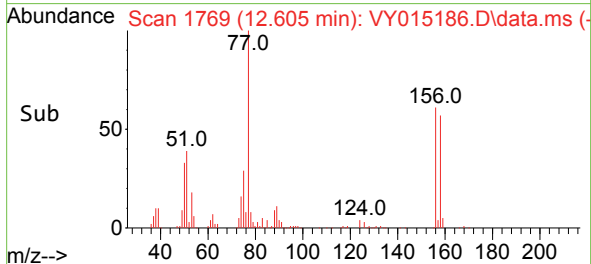
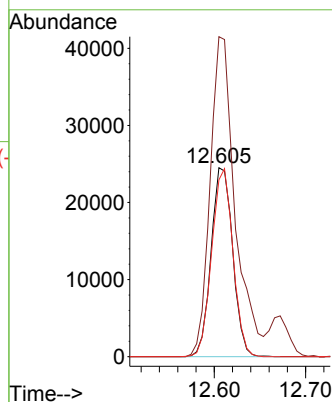
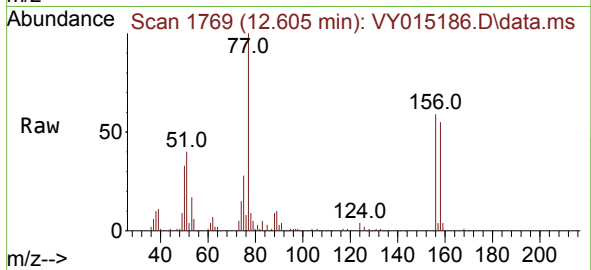
Acq: 18 Aug 2023 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 40217 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 195.5 | 92.8  | 278.6 |
| 158       | 97.8  | 48.4  | 145.3 |



#78

n-propylbenzene

Concen: 20.012 ug/l

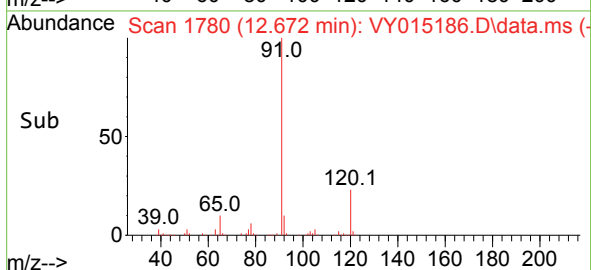
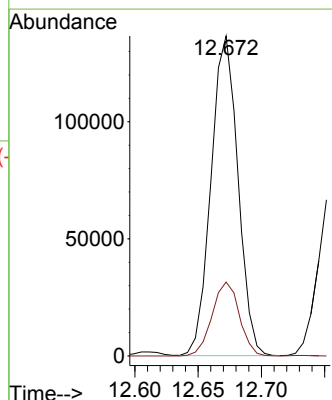
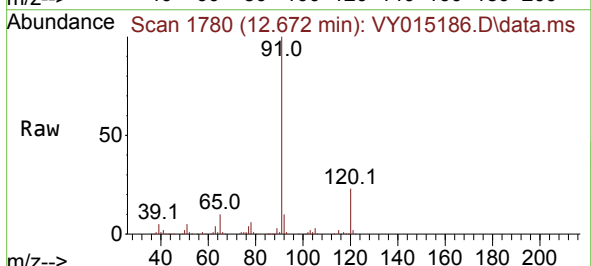
RT: 12.672 min Scan# 1780

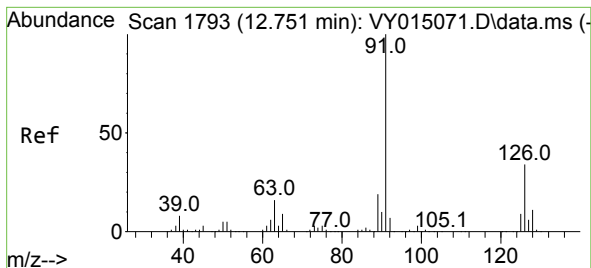
Delta R.T. 0.006 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 201919 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.4  | 11.5  | 34.4   |





#79

2-Chlorotoluene

Concen: 19.674 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

Instrument :

MSVOA\_Y

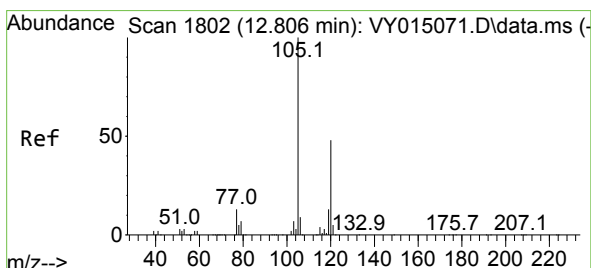
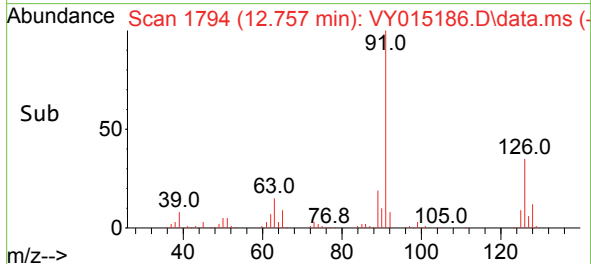
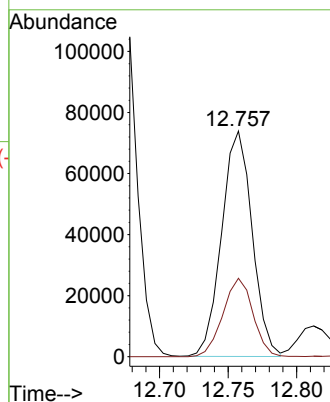
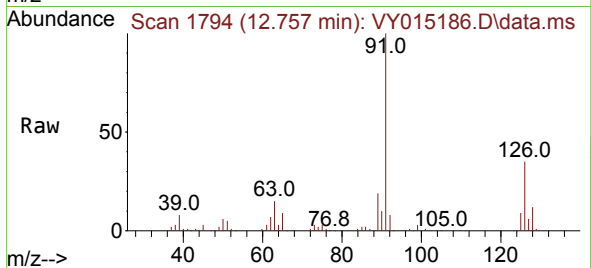
ClientSampleId :

Tgt Ion: 91 Resp: 114518

Ion Ratio Lower Upper

91 100

126 34.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.633 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015186.D

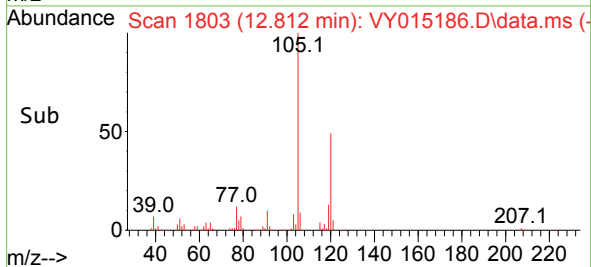
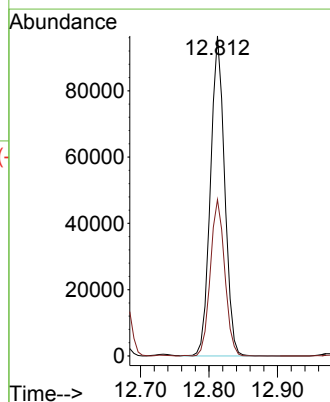
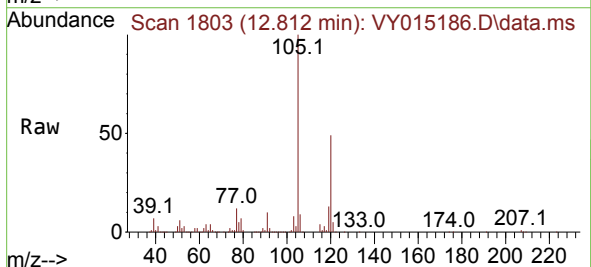
Acq: 18 Aug 2023 11:13

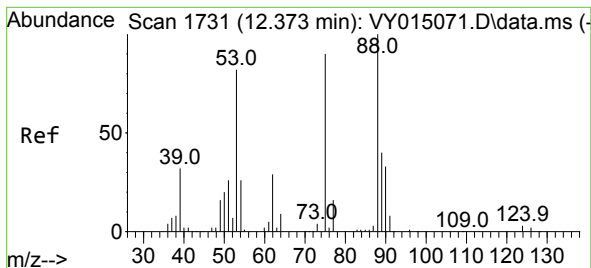
Tgt Ion:105 Resp: 139056

Ion Ratio Lower Upper

105 100

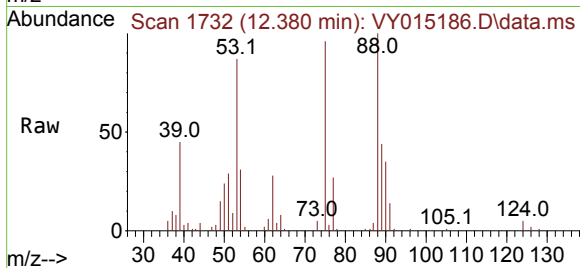
120 49.5 23.9 71.7



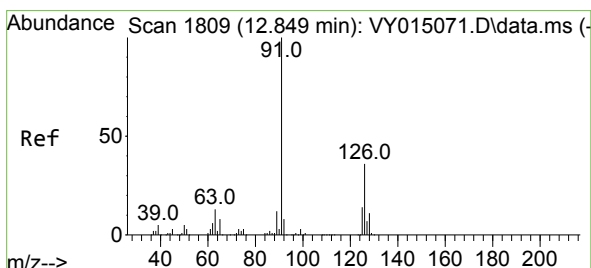
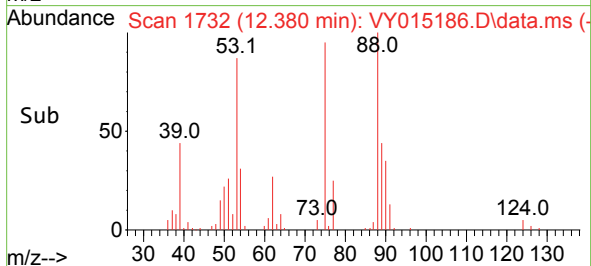
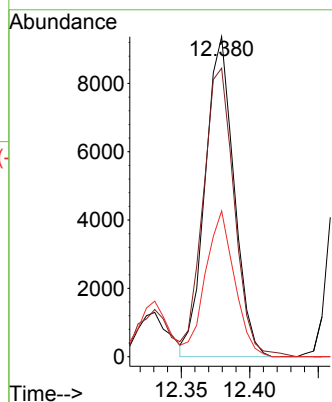


#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.747 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.006 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Instrument :  
MSVOA\_Y  
ClientSampleId :

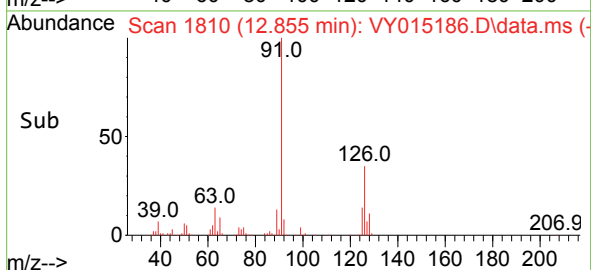
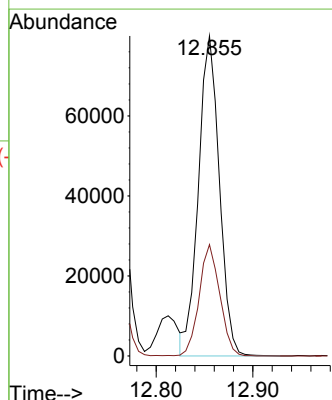
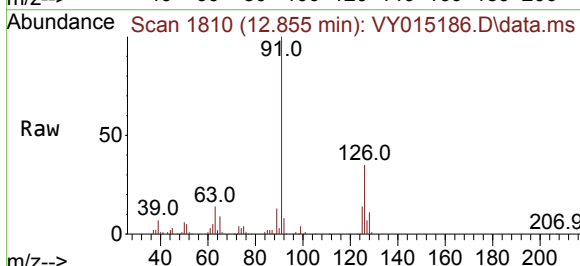


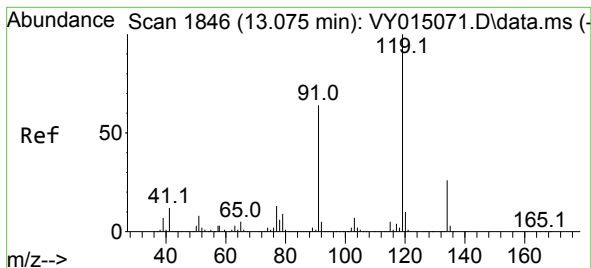
Tgt Ion: 75 Resp: 13702  
Ion Ratio Lower Upper  
75 100  
53 97.3 77.8 116.8  
89 46.2 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 20.015 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY015186.D  
Acq: 18 Aug 2023 11:13

Tgt Ion: 91 Resp: 120361  
Ion Ratio Lower Upper  
91 100  
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.620 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

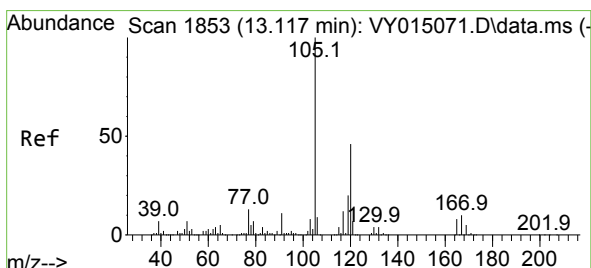
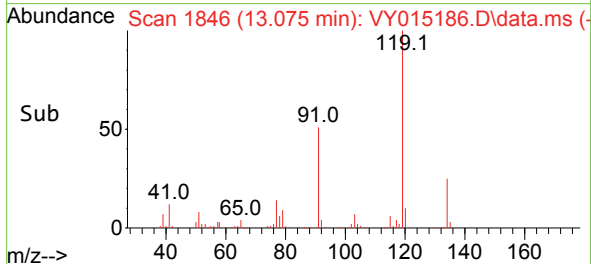
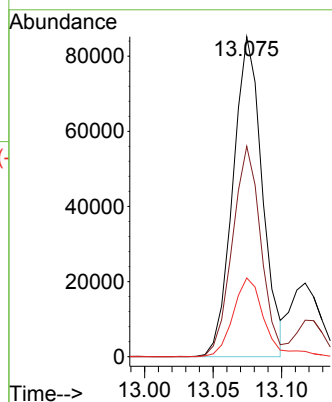
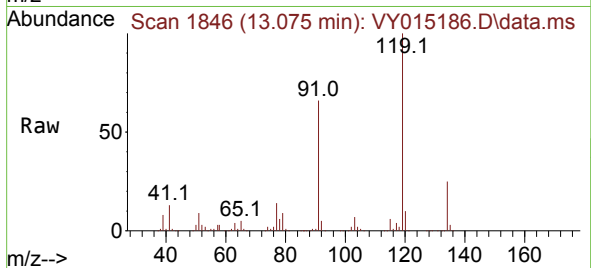
Tgt Ion:119 Resp: 127108

Ion Ratio Lower Upper

119 100

91 63.9 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.824 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015186.D

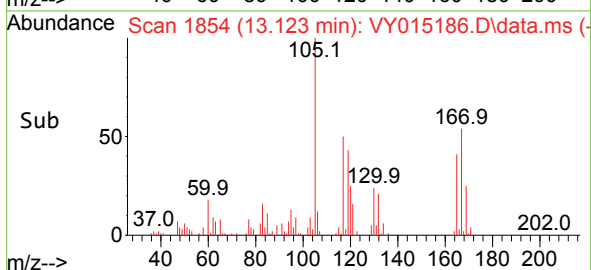
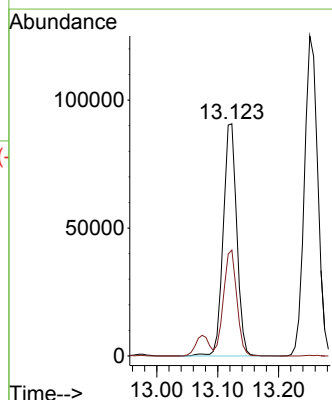
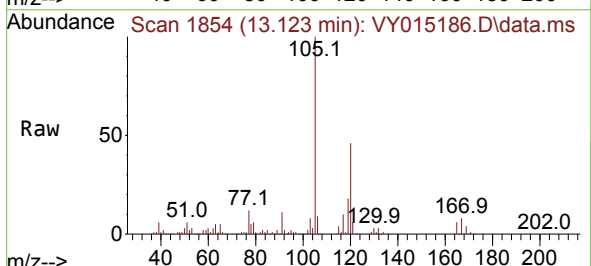
Acq: 18 Aug 2023 11:13

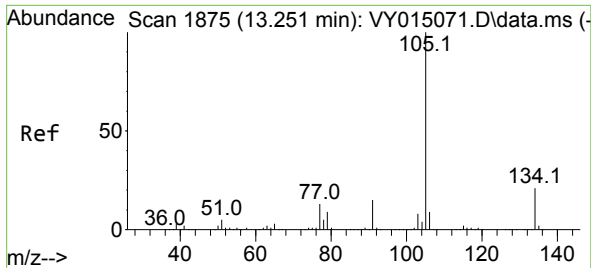
Tgt Ion:105 Resp: 140310

Ion Ratio Lower Upper

105 100

120 44.7 22.2 66.6

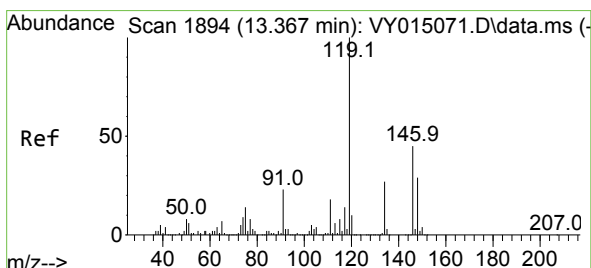
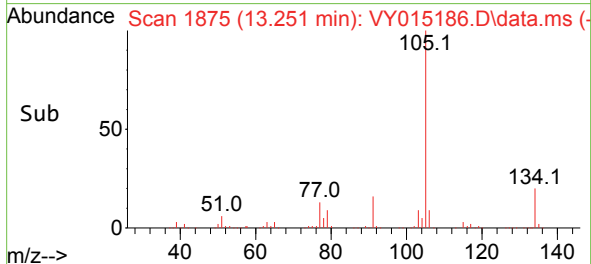
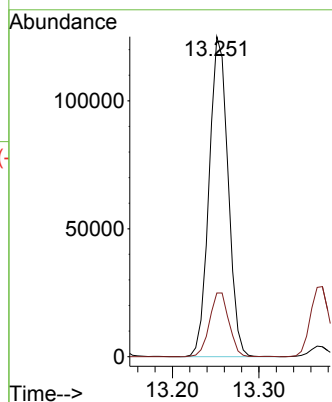
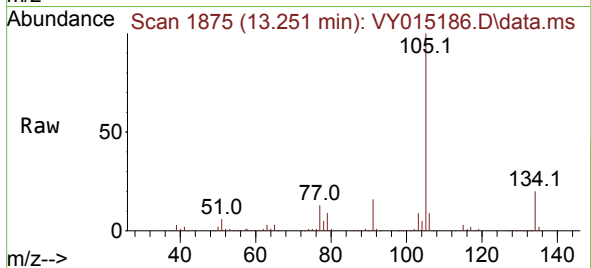




#85  
 sec-Butylbenzene  
 Concen: 20.034 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY015186.D  
 Acq: 18 Aug 2023 11:13

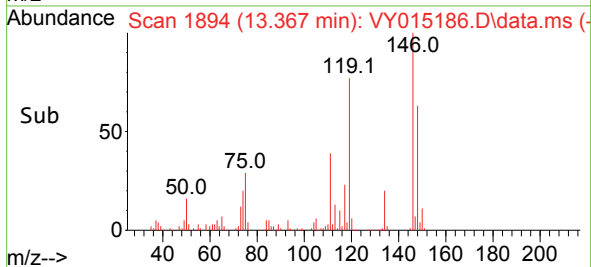
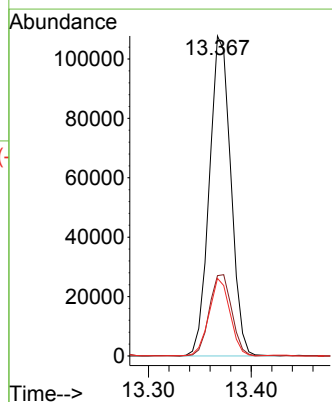
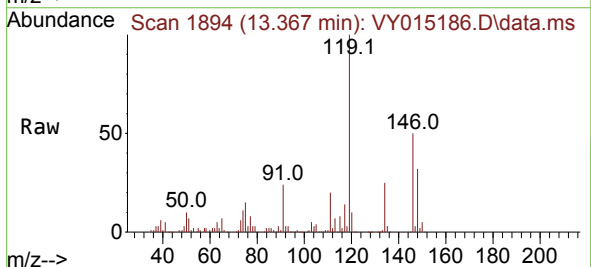
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

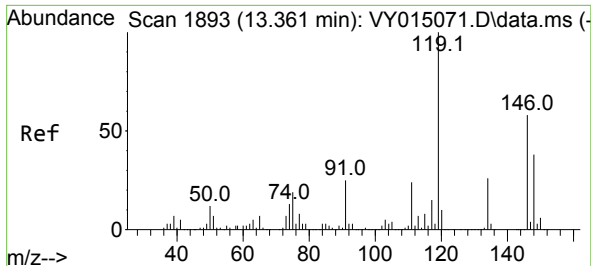
Tgt Ion:105 Resp: 190168  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 19.853 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY015186.D  
 Acq: 18 Aug 2023 11:13

Tgt Ion:119 Resp: 156247  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.3 39.8  
 91 23.8 12.4 37.4

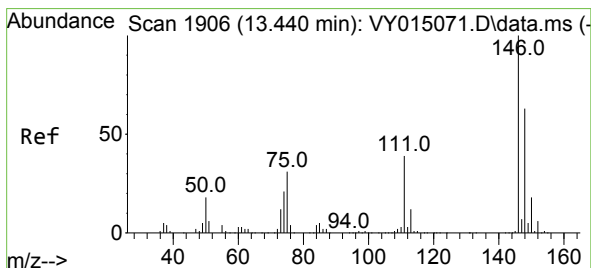
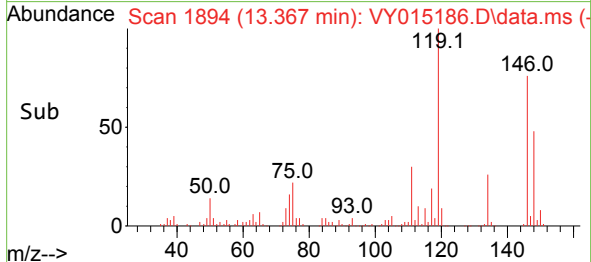
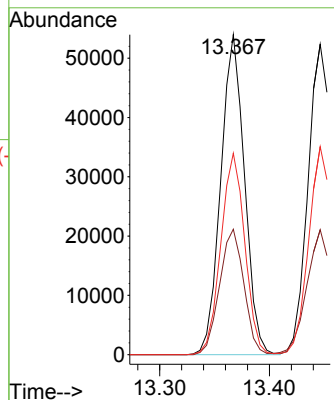
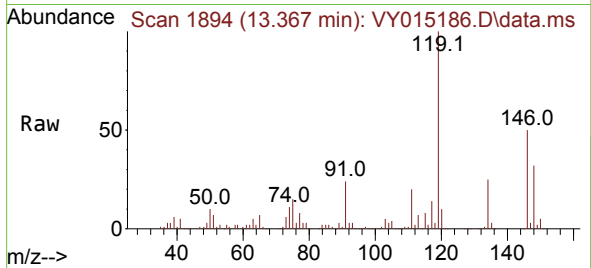




#87  
 1,3-Dichlorobenzene  
 Concen: 19.792 ug/l  
 RT: 13.367 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VY015186.D  
 Acq: 18 Aug 2023 11:13

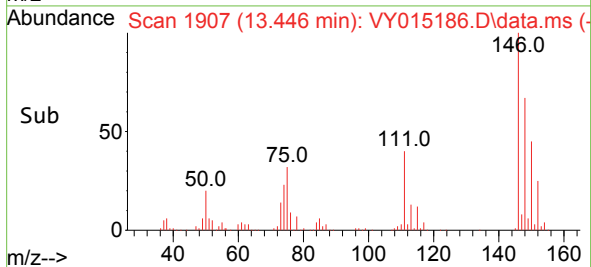
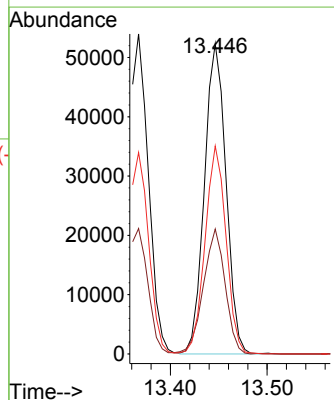
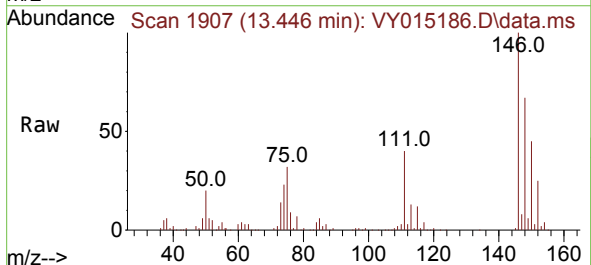
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

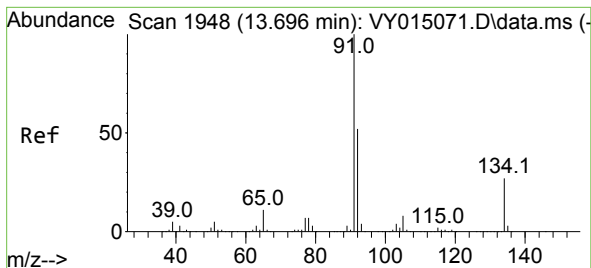
Tgt Ion:146 Resp: 81305  
 Ion Ratio Lower Upper  
 146 100  
 111 40.2 19.4 58.2  
 148 63.4 31.9 95.5



#88  
 1,4-Dichlorobenzene  
 Concen: 19.722 ug/l  
 RT: 13.446 min Scan# 1907  
 Delta R.T. 0.000 min  
 Lab File: VY015186.D  
 Acq: 18 Aug 2023 11:13

Tgt Ion:146 Resp: 81263  
 Ion Ratio Lower Upper  
 146 100  
 111 40.4 18.9 56.7  
 148 65.4 32.1 96.5





#89

n-Butylbenzene

Concen: 20.104 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015186.D

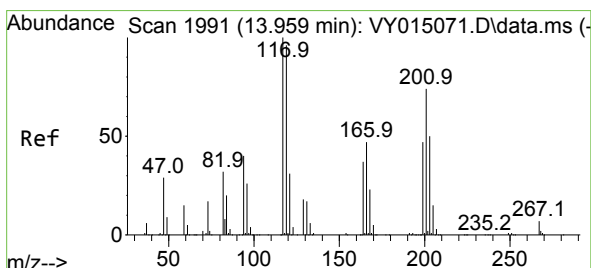
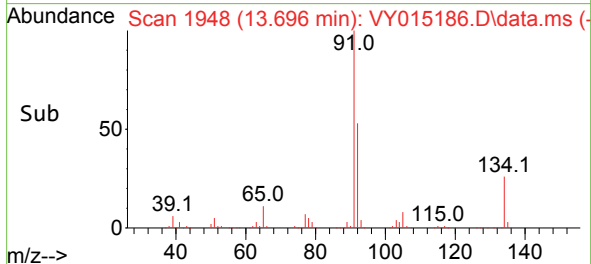
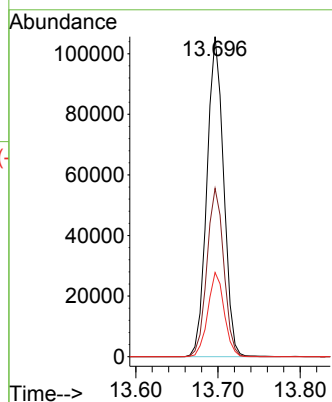
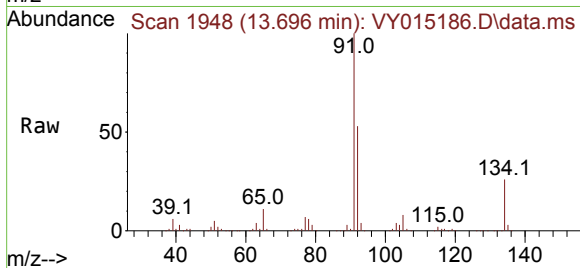
Acq: 18 Aug 2023 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 149177 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 53.0  | 25.4  | 76.0   |
| 134      | 25.8  | 12.6  | 37.6   |



#90

Hexachloroethane

Concen: 19.240 ug/l

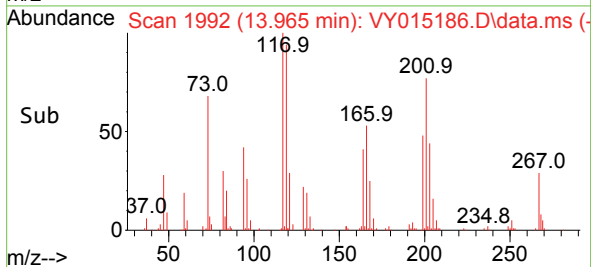
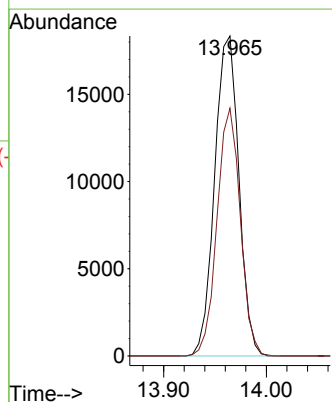
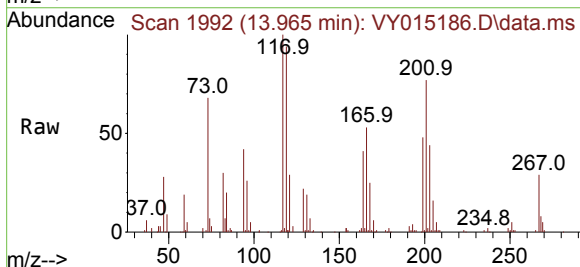
RT: 13.965 min Scan# 1992

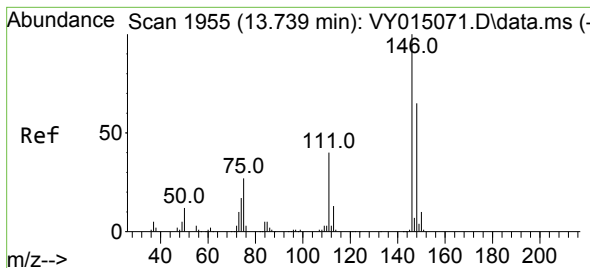
Delta R.T. 0.006 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 30039 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 74.3  | 41.6  | 124.8 |





#91

1,2-Dichlorobenzene

Concen: 19.645 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

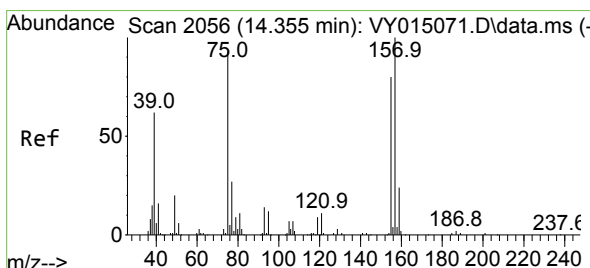
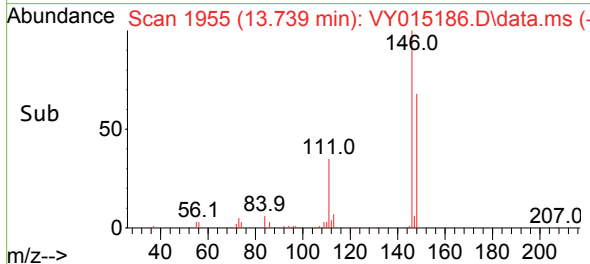
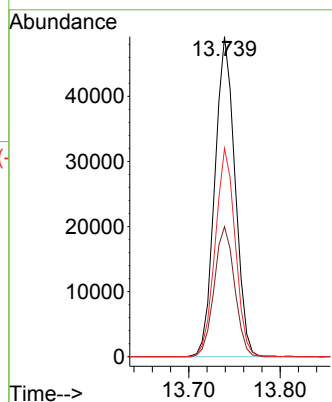
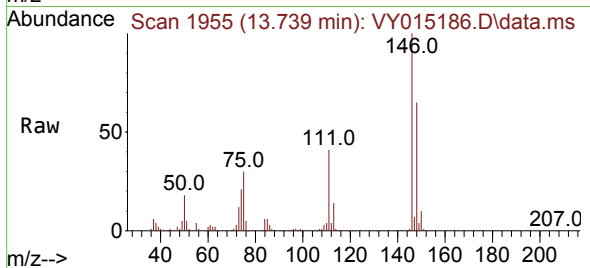
Tgt Ion:146 Resp: 75390

Ion Ratio Lower Upper

146 100

111 41.0 19.7 59.0

148 64.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.932 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

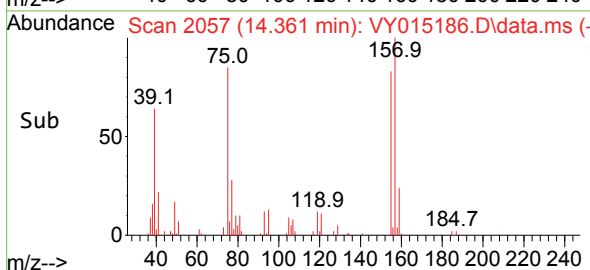
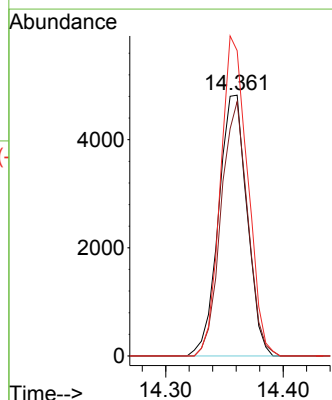
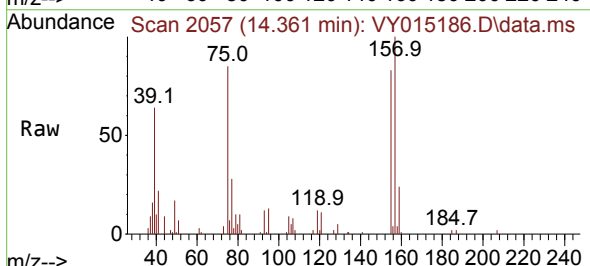
Tgt Ion: 75 Resp: 8116

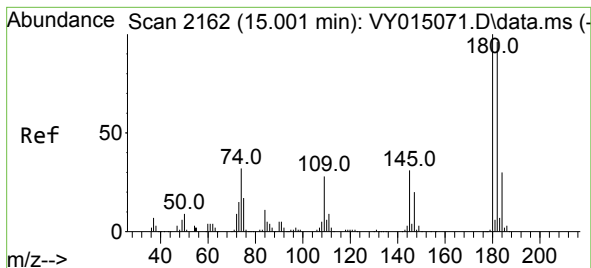
Ion Ratio Lower Upper

75 100

155 91.4 41.5 124.6

157 116.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.174 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

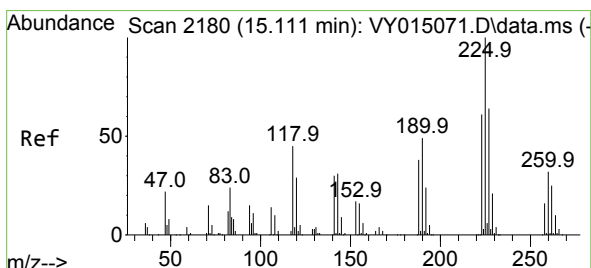
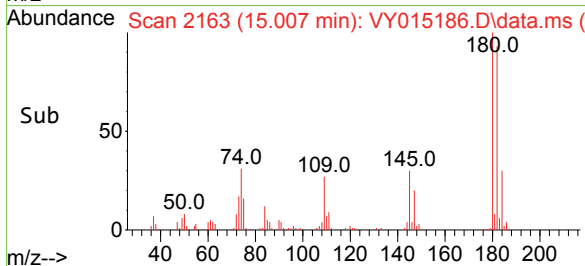
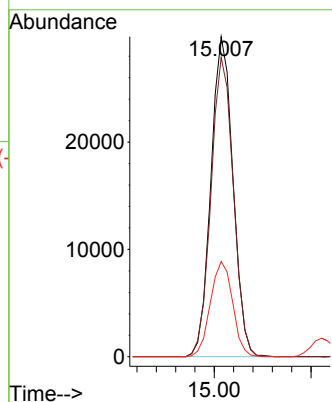
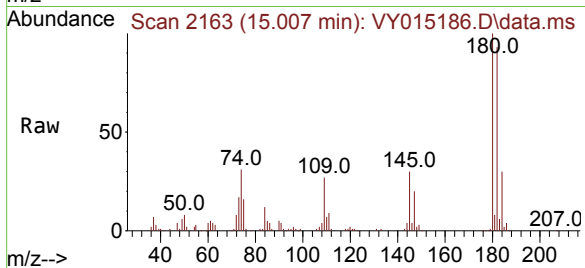
Tgt Ion:180 Resp: 47241

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 29.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.552 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

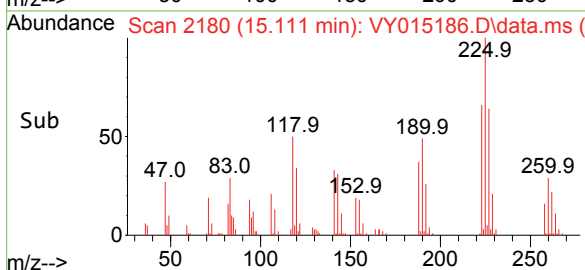
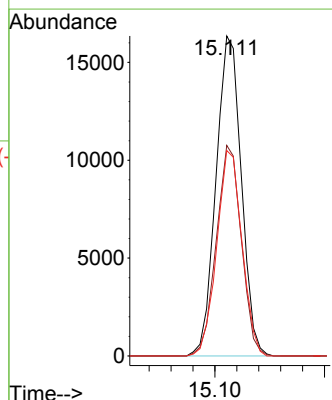
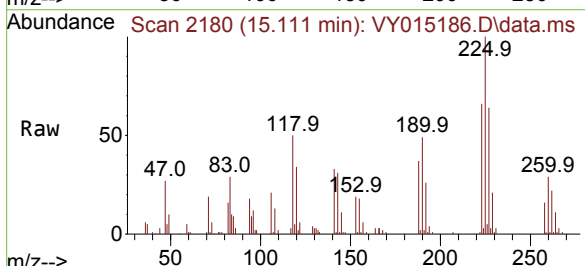
Tgt Ion:225 Resp: 26203

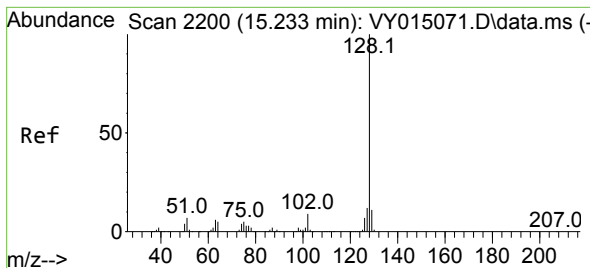
Ion Ratio Lower Upper

225 100

223 65.0 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 18.308 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

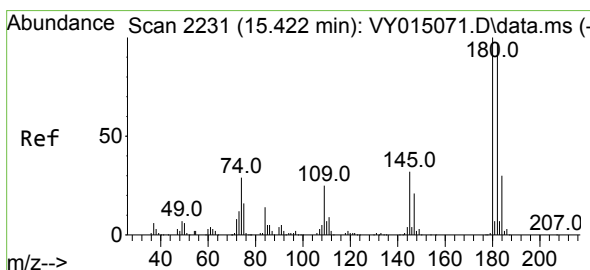
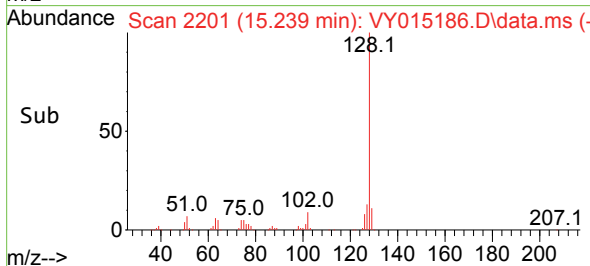
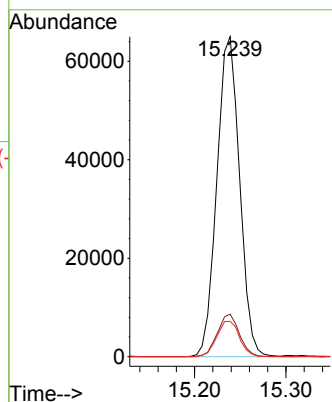
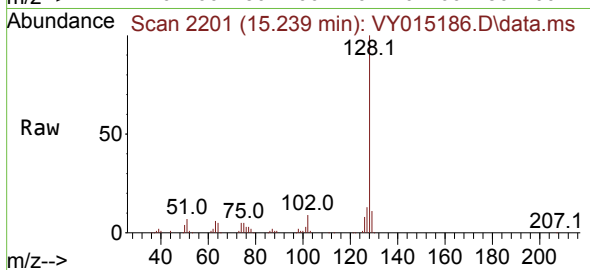
Tgt Ion:128 Resp: 112364

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.352 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015186.D

Acq: 18 Aug 2023 11:13

Tgt Ion:180 Resp: 43059

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 32.6 15.4 46.2

