

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042324\  
 Data File : VY018026.D  
 Acq On : 23 Apr 2024 16:30  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Apr 24 01:15:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041624S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 17 06:24:42 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 337348   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 540483   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 467701   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 214355   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 154567   | 52.946   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 105.900% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 180916   | 54.257   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 108.520% |      |
| 50) Toluene-d8              | 10.179 | 98    | 718645   | 56.798   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 113.600% |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 207479   | 52.948   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 105.900% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 119276  | 44.568  | ug/l   | 100 |
| 3) Chloromethane             | 2.113 | 50  | 188571  | 42.524  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.247 | 62  | 214190  | 42.853  | ug/l   | 98  |
| 5) Bromomethane              | 2.650 | 94  | 158056  | 47.509  | ug/l   | 96  |
| 6) Chloroethane              | 2.796 | 64  | 142396  | 45.126  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 264875  | 47.022  | ug/l   | 94  |
| 8) Diethyl Ether             | 3.527 | 74  | 85515   | 48.042  | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 165072  | 47.057  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.088 | 142 | 235168  | 50.391  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 41634   | 196.221 | ug/l # | 81  |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 168635  | 49.520  | ug/l   | 97  |
| 13) Acrolein                 | 3.729 | 56  | 63202   | 277.982 | ug/l   | 99  |
| 14) Allyl chloride           | 4.478 | 41  | 229123  | 51.991  | ug/l   | 92  |
| 15) Acrylonitrile            | 5.161 | 53  | 172152  | 238.198 | ug/l   | 99  |
| 16) Acetone                  | 3.948 | 43  | 103875  | 180.081 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.192 | 76  | 518632  | 47.874  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.472 | 43  | 66179   | 43.612  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 356098  | 47.981  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.716 | 84  | 191421  | 48.983  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 189483  | 50.793  | ug/l   | 99  |
| 22) Diisopropyl ether        | 6.118 | 45  | 522993  | 54.133  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.057 | 43  | 1431250 | 249.826 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 325501  | 51.602  | ug/l   | 98  |
| 25) 2-Butanone               | 6.984 | 43  | 181181  | 213.693 | ug/l   | 93  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 242050  | 47.829  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 220770  | 51.817  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.332 | 49  | 132611  | 53.444  | ug/l   | 95  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 125630  | 233.493 | ug/l   | 94  |
| 30) Chloroform               | 7.508 | 83  | 329862  | 51.166  | ug/l   | 100 |
| 31) Cyclohexane              | 7.789 | 56  | 266166  | 47.700  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 270917  | 50.454  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 238235  | 49.128  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.076 | 43  | 92457   | 46.342  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 243839  | 49.771  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.185 | 83  | 304411  | 48.171  | ug/l   | 96  |
| 40) Benzene                  | 8.161 | 78  | 782286  | 51.502  | ug/l   | 98  |

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 ALS Vial : 13 Sample Multiplier: 1

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 MSVOA\_Y  
 ClientSampleId :

Quant Time: Apr 24 01:15:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041624S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 17 06:24:42 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.307  | 41   | 53052    | 42.141  | ug/l   | 89       |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 166689   | 47.894  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.270  | 43   | 165886   | 44.605  | ug/l   | 99       |
| 44) Trichloroethene           | 8.941  | 130  | 195706   | 50.703  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 181133   | 51.804  | ug/l   | 99       |
| 46) Dibromomethane            | 9.307  | 93   | 92429    | 47.790  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.496  | 83   | 242940   | 50.067  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.295  | 41   | 78806    | 46.243  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 20227    | 916.110 | ug/l # | 100      |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 456842   | 231.718 | ug/l   | 98       |
| 52) Toluene                   | 10.246 | 92   | 482134   | 51.727  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 215773   | 48.710  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 270280   | 49.667  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 127736   | 48.585  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 162501   | 47.410  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 217693   | 48.899  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 391753   | 219.883 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 302096   | 224.467 | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.983 | 129  | 163423   | 48.365  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 115046   | 46.953  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 169637   | 50.632  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.520 | 112  | 514990   | 50.241  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 170129   | 50.334  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 897009   | 51.972  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 676816   | 102.099 | ug/l   | 98       |
| 69) o-Xylene                  | 12.032 | 106  | 316895   | 51.190  | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 546625   | 52.244  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 88711    | 45.426  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.331 | 105  | 828453   | 53.041  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 153580   | 48.710  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 137432   | 47.178  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 164887   | 81.973  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 194048   | 51.338  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.672 | 91   | 1012095  | 53.406  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 559970   | 52.791  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 652245   | 52.664  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 44047    | 45.149  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 561628   | 51.123  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 590571   | 52.209  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 654098   | 53.033  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 888124   | 52.272  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 730149   | 52.299  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 375263   | 50.038  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 362010   | 49.172  | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.696 | 91   | 685043   | 52.156  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 149887   | 52.357  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 319898   | 49.442  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 15842    | 42.279  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 168533   | 44.729  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 106741   | 47.755  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 271764   | 43.770  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 141117   | 44.635  | ug/l   | 100      |

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ALS Vial : 13 Sample Multiplier: 1

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Quant Title : SW846 8260  
QLast Update : Wed Apr 17 06:24:42 2024  
Response via : Initial Calibration

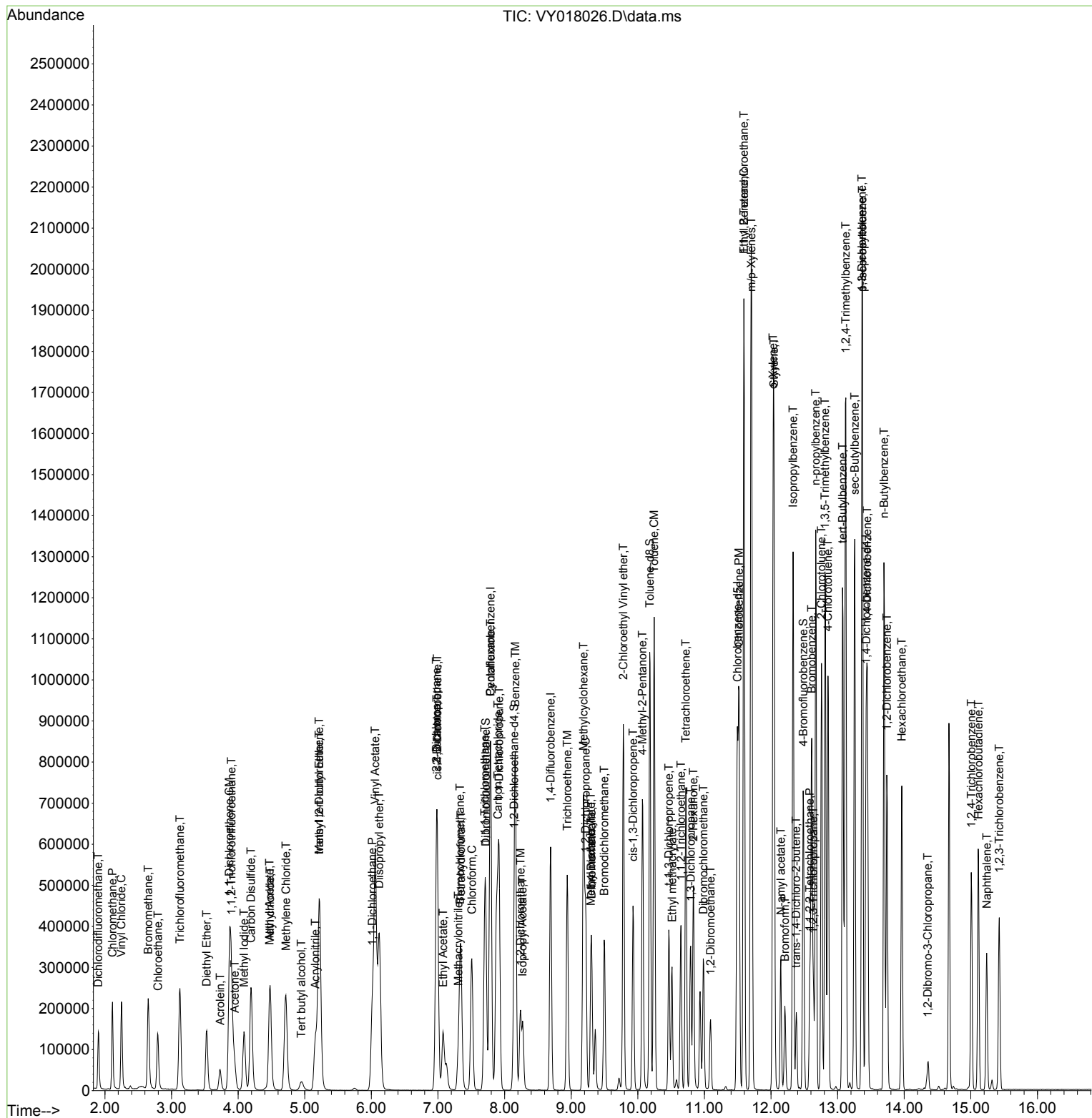
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

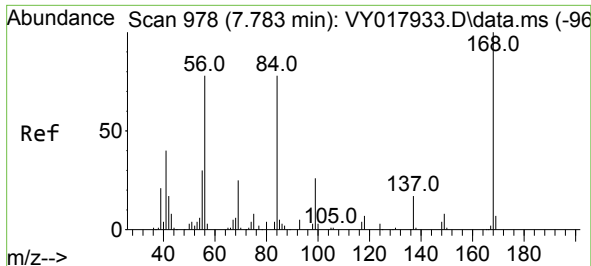
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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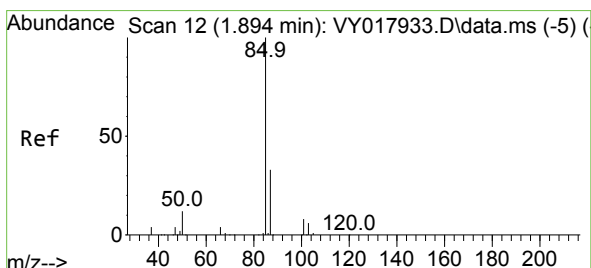
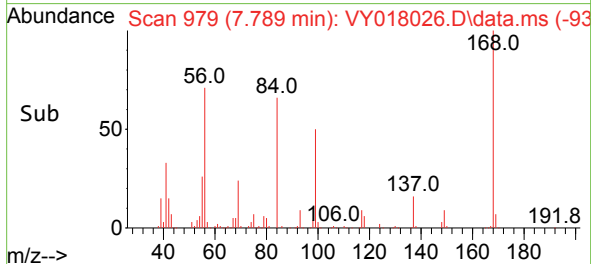
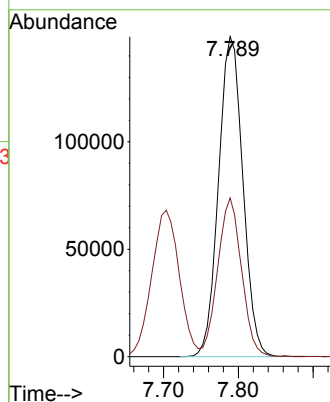
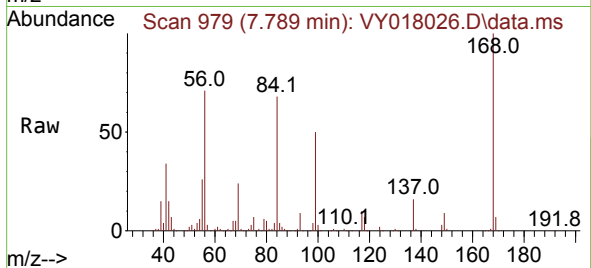




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

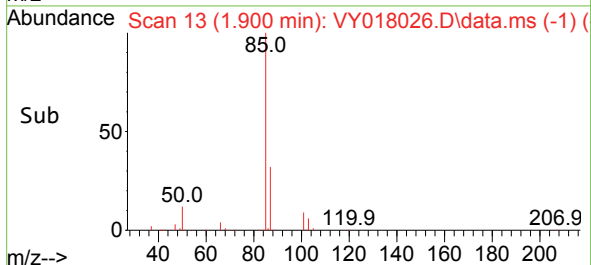
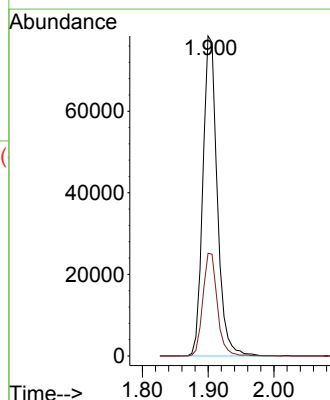
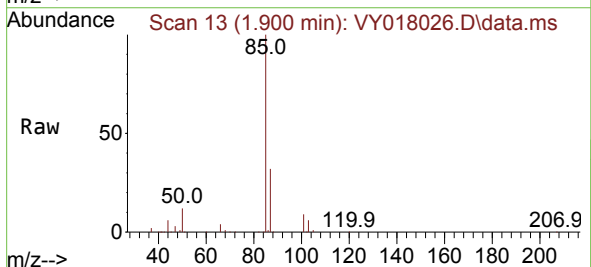
Instrument :  
MSVOA\_Y  
ClientSampleId :

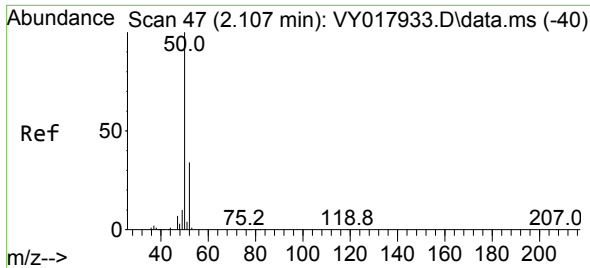
Tgt Ion:168 Resp: 337348  
Ion Ratio Lower Upper  
168 100  
99 49.5 39.1 58.7



#2  
Dichlorodifluoromethane  
Concen: 44.568 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Tgt Ion: 85 Resp: 119276  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.0 48.0

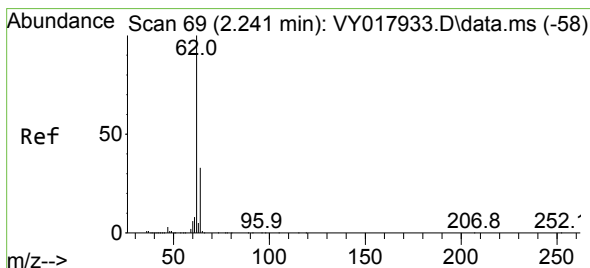
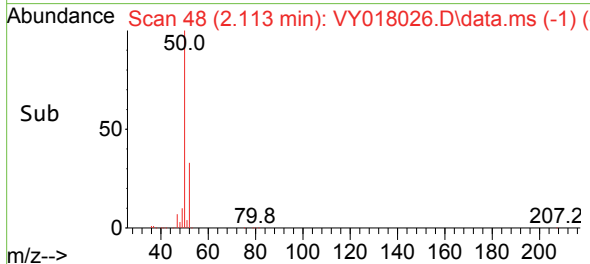
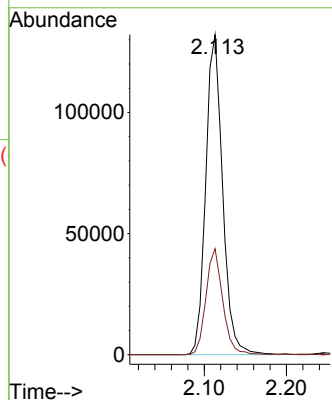
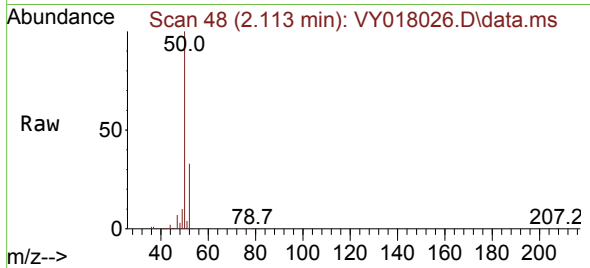




#3  
Chloromethane  
Concen: 42.524 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

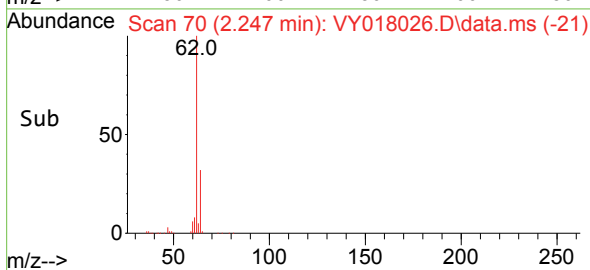
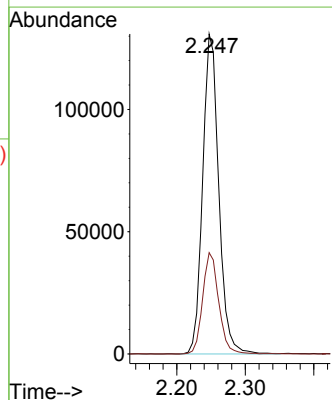
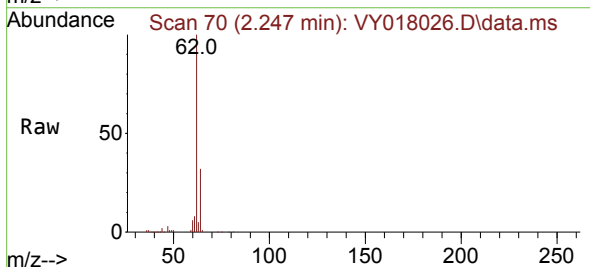
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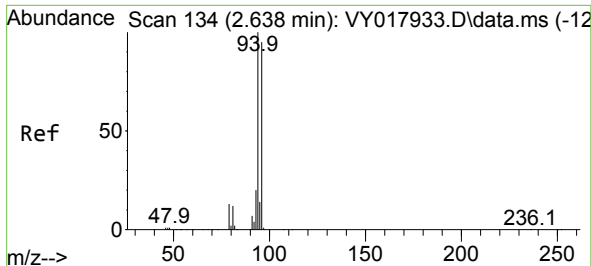
Tgt Ion: 50 Resp: 188571  
Ion Ratio Lower Upper  
50 100  
52 33.1 25.6 38.4



#4  
Vinyl Chloride  
Concen: 42.853 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Tgt Ion: 62 Resp: 214190  
Ion Ratio Lower Upper  
62 100  
64 31.6 26.1 39.1

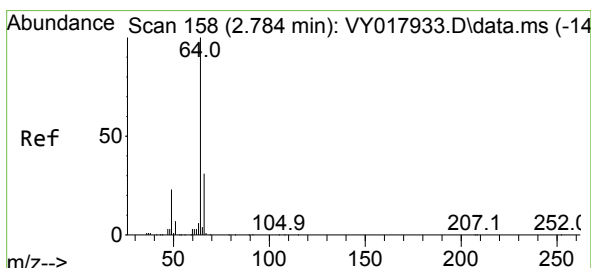
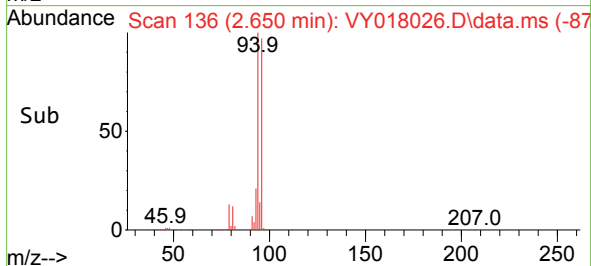
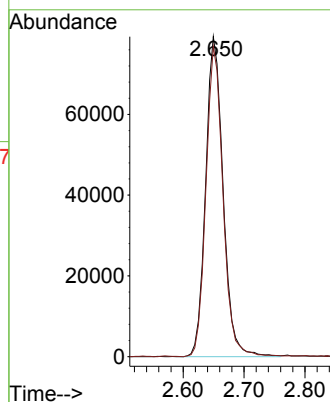
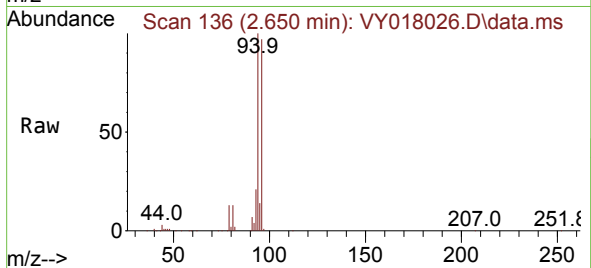




#5  
Bromomethane  
Concen: 47.509 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

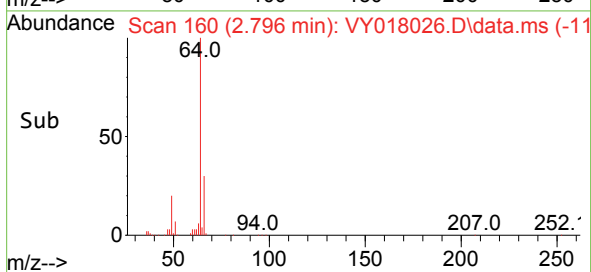
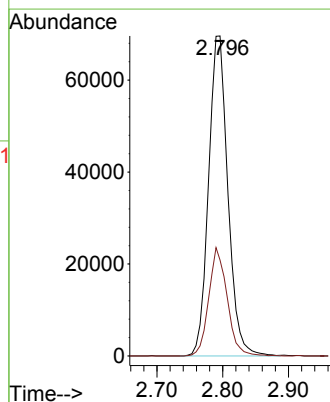
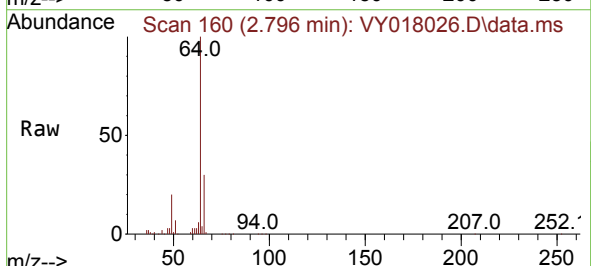
Instrument :  
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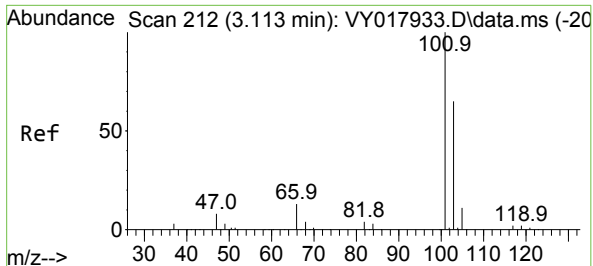
Tgt Ion: 94 Resp: 158056  
Ion Ratio Lower Upper  
94 100  
96 96.9 74.1 111.1



#6  
Chloroethane  
Concen: 45.126 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. 0.006 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Tgt Ion: 64 Resp: 142396  
Ion Ratio Lower Upper  
64 100  
66 29.9 26.1 39.1

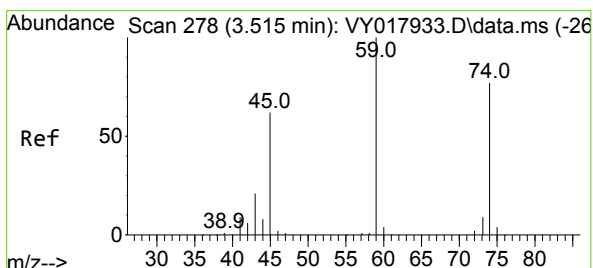
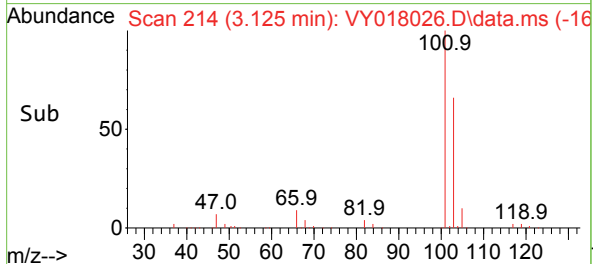
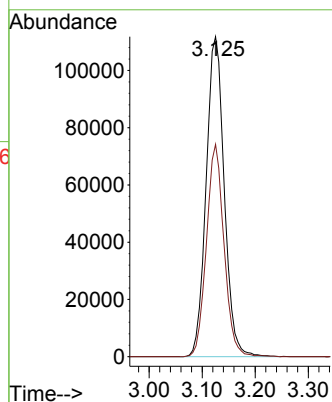
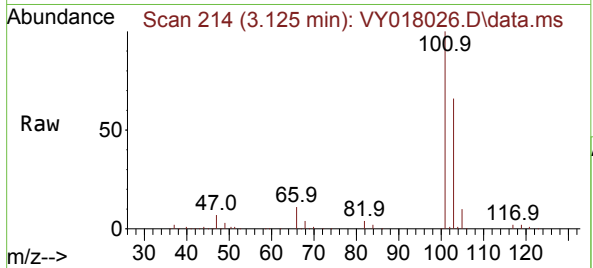




#7  
 Trichlorofluoromethane  
 Concen: 47.022 ug/l  
 RT: 3.125 min Scan# 212  
 Delta R.T. 0.000 min  
 Lab File: VY018026.D  
 Acq: 23 Apr 2024 16:30

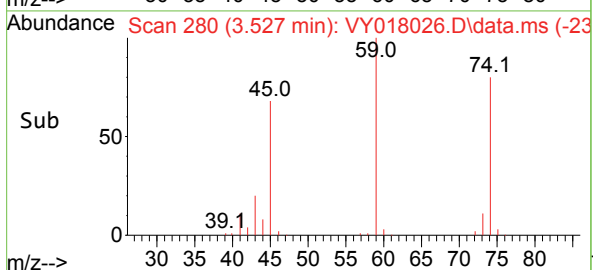
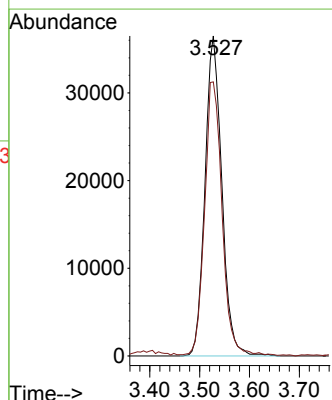
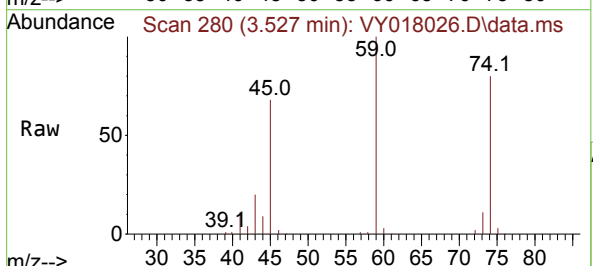
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion:101 Resp: 264875  
 Ion Ratio Lower Upper  
 101 100  
 103 66.3 49.3 73.9

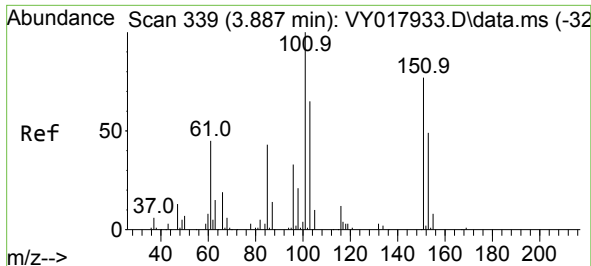


#8  
 Diethyl Ether  
 Concen: 48.042 ug/l  
 RT: 3.527 min Scan# 280  
 Delta R.T. 0.000 min  
 Lab File: VY018026.D  
 Acq: 23 Apr 2024 16:30

Tgt Ion: 74 Resp: 85515  
 Ion Ratio Lower Upper  
 74 100  
 45 88.4 41.3 124.1



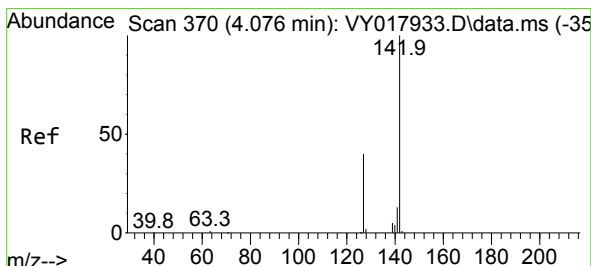
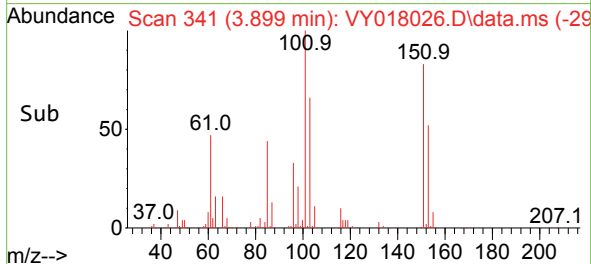
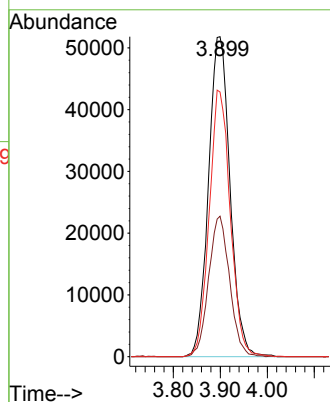
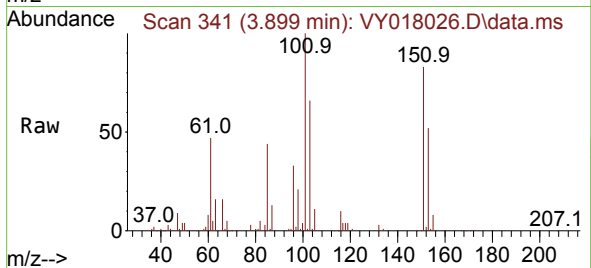




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.057 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

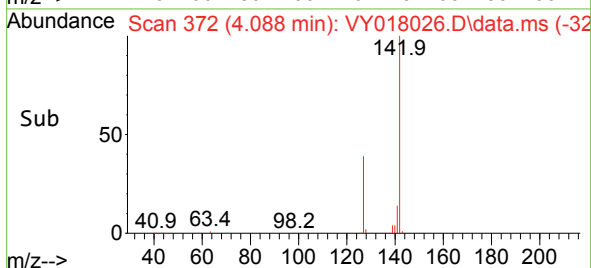
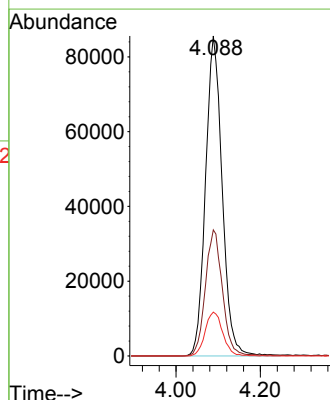
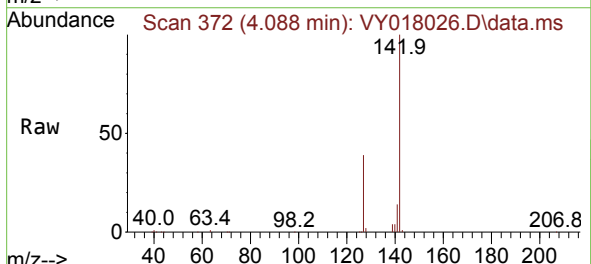
Instrument :  
MSVOA\_Y  
ClientSampleId :

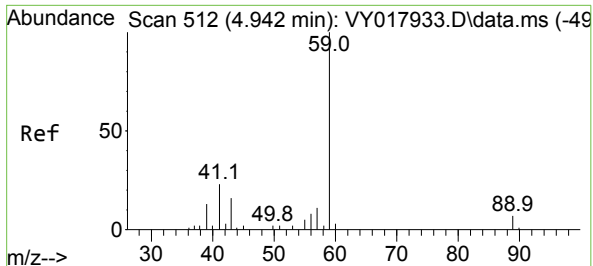
Tgt Ion:101 Resp: 165072  
Ion Ratio Lower Upper  
101 100  
85 42.8 34.5 51.7  
151 81.4 61.7 92.5



#10  
Methyl Iodide  
Concen: 50.391 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

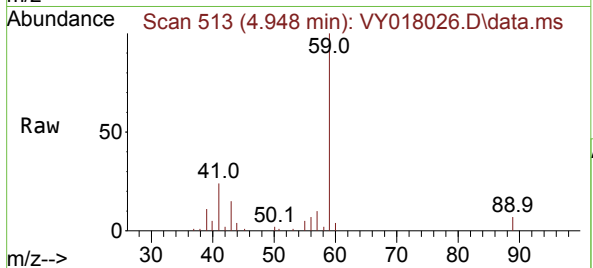
Tgt Ion:142 Resp: 235168  
Ion Ratio Lower Upper  
142 100  
127 40.4 32.8 49.2  
141 14.5 11.4 17.2



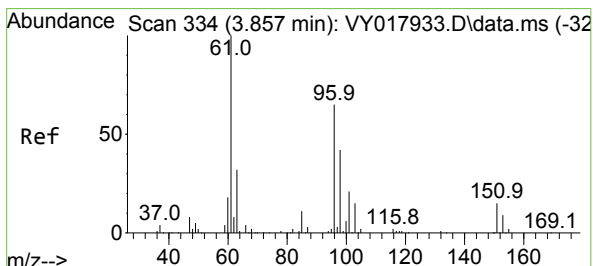
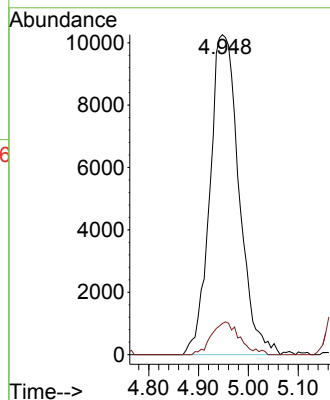
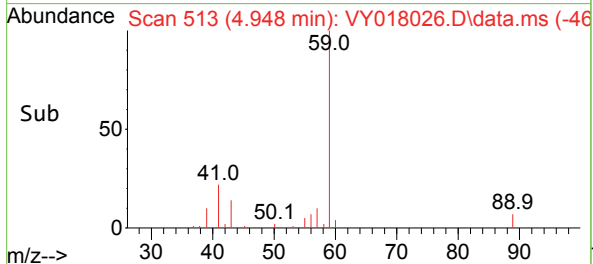


#11  
Tert butyl alcohol  
Concen: 196.221 ug/l  
RT: 4.948 min Scan# 512  
Delta R.T. -0.006 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Instrument :  
MSVOA\_Y  
ClientSampleId :

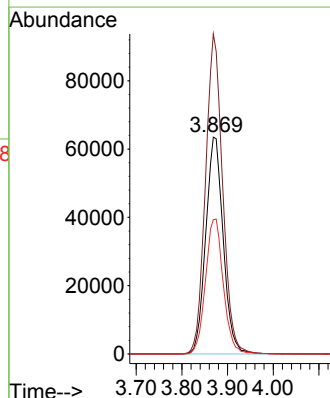
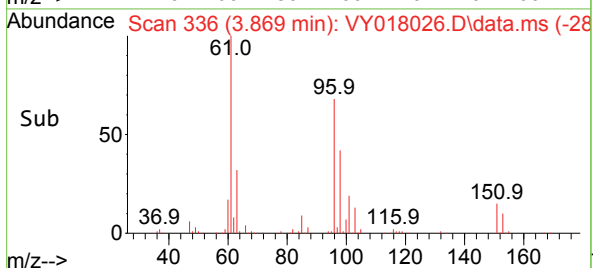
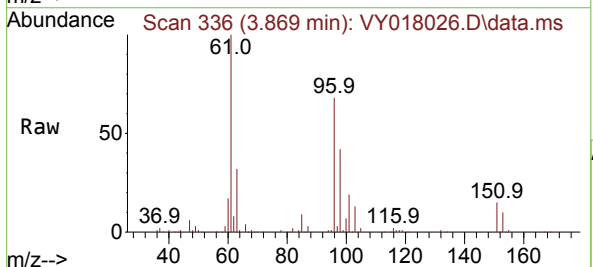


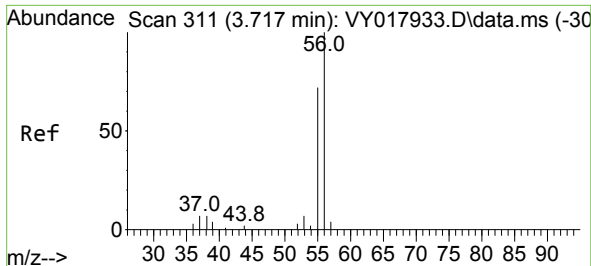
Tgt Ion: 59 Resp: 41634  
Ion Ratio Lower Upper  
59 100  
57 9.9 3.0 4.6#



#12  
1,1-Dichloroethene  
Concen: 49.520 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. -0.006 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Tgt Ion: 96 Resp: 168635  
Ion Ratio Lower Upper  
96 100  
61 147.6 114.6 171.8  
98 61.9 50.8 76.2





#13

Acrolein

Concen: 277.982 ug/l

RT: 3.729 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

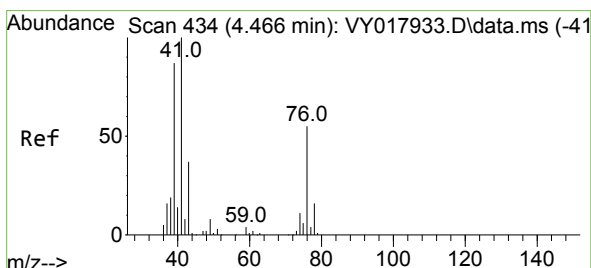
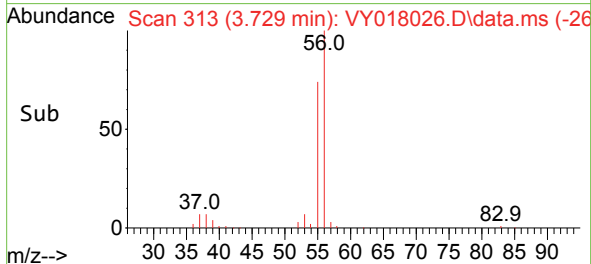
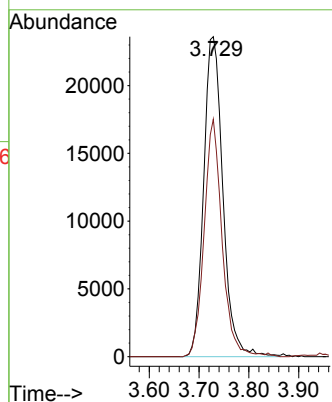
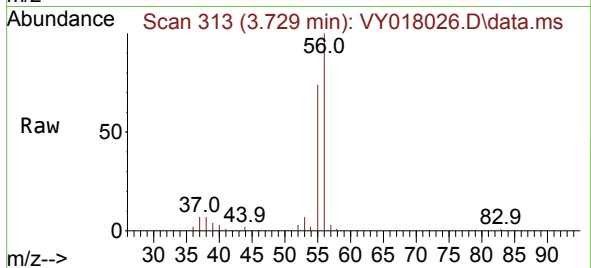
ClientSampleId :

Tgt Ion: 56 Resp: 63202

Ion Ratio Lower Upper

56 100

55 69.1 55.7 83.5



#14

Allyl chloride

Concen: 51.991 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

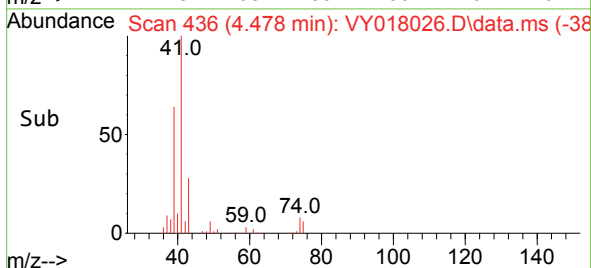
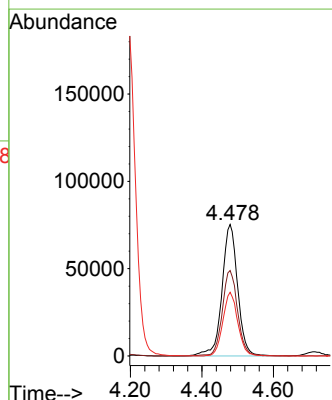
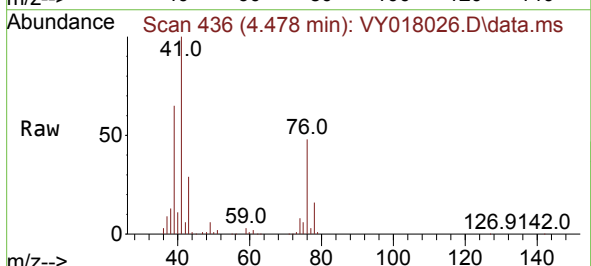
Tgt Ion: 41 Resp: 229123

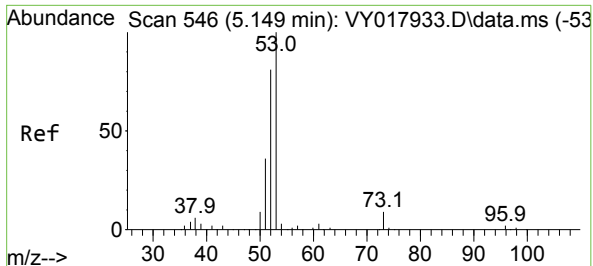
Ion Ratio Lower Upper

41 100

39 63.7 58.3 87.5

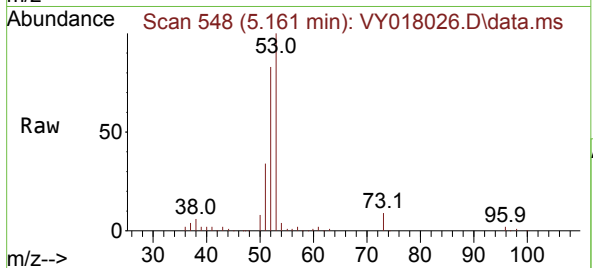
76 46.1 39.0 58.6



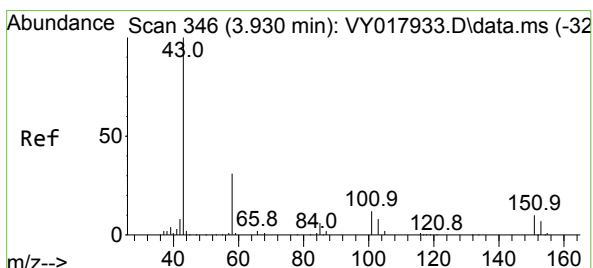
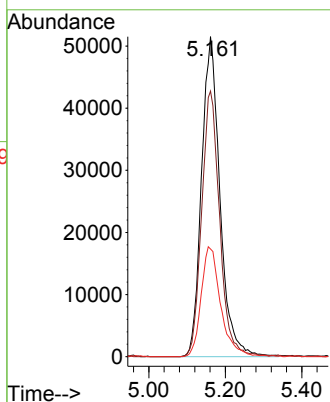
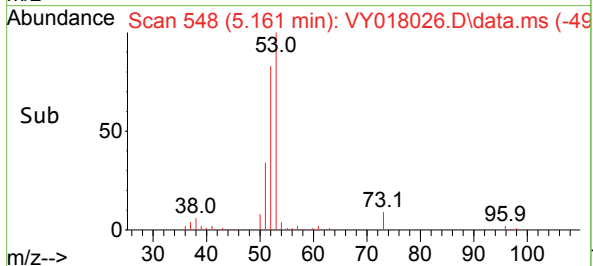


#15  
Acrylonitrile  
Concen: 238.198 ug/l  
RT: 5.161 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Instrument :  
MSVOA\_Y  
ClientSampleId :

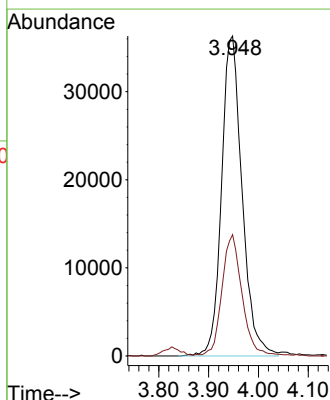
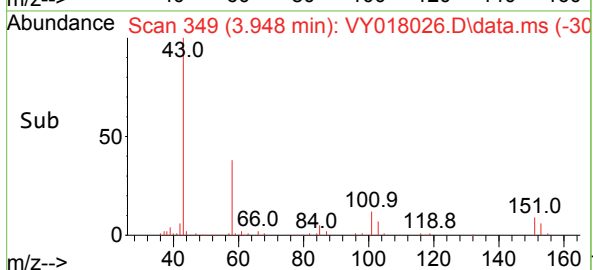
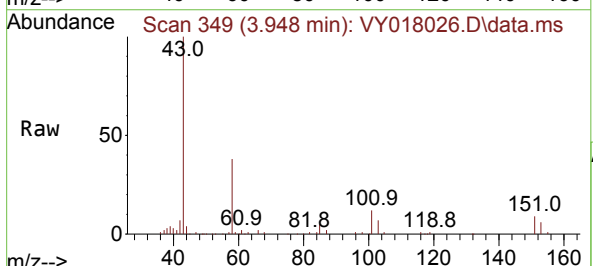


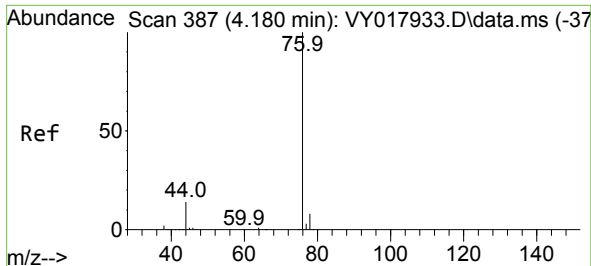
Tgt Ion: 53 Resp: 172152  
Ion Ratio Lower Upper  
53 100  
52 80.9 64.7 97.1  
51 36.5 28.4 42.6



#16  
Acetone  
Concen: 180.081 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Tgt Ion: 43 Resp: 103875  
Ion Ratio Lower Upper  
43 100  
58 37.3 31.7 47.5

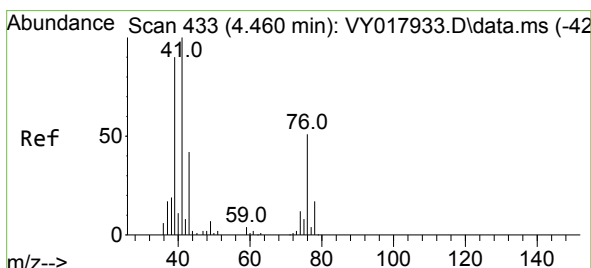
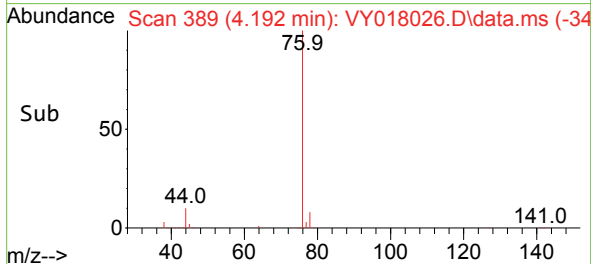
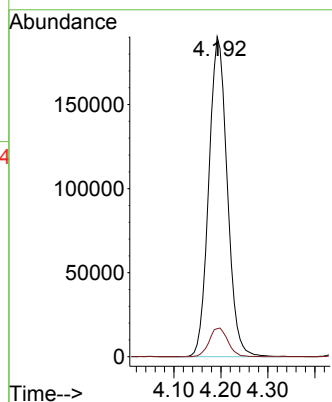
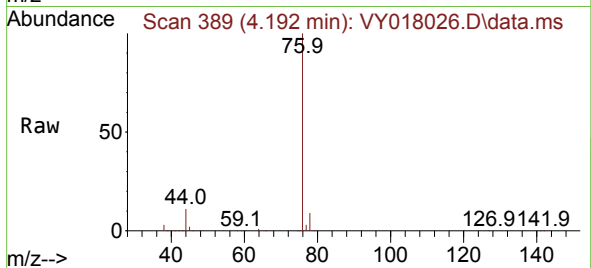




#17  
Carbon Disulfide  
Concen: 47.874 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

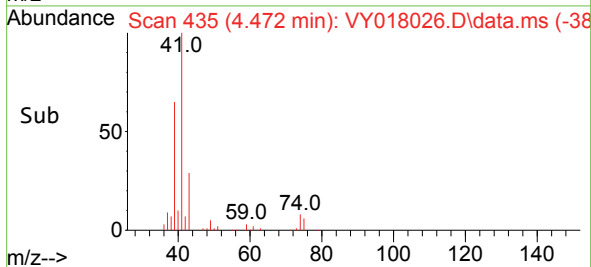
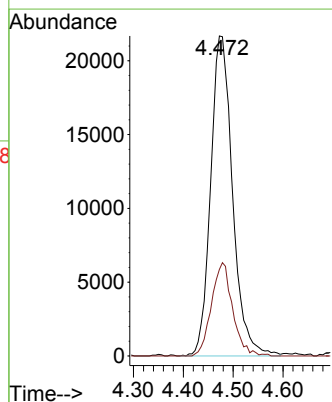
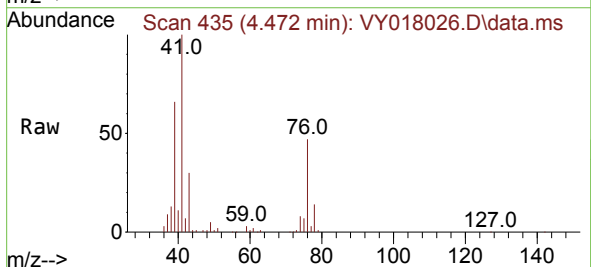
Instrument :  
MSVOA\_Y  
ClientSampleId :

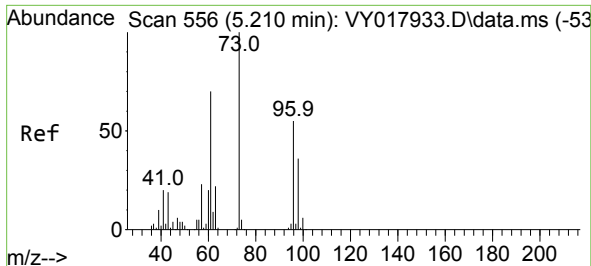
Tgt Ion: 76 Resp: 518632  
Ion Ratio Lower Upper  
76 100  
78 8.7 6.8 10.2



#18  
Methyl Acetate  
Concen: 43.612 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.006 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Tgt Ion: 43 Resp: 66179  
Ion Ratio Lower Upper  
43 100  
74 28.2 23.3 34.9

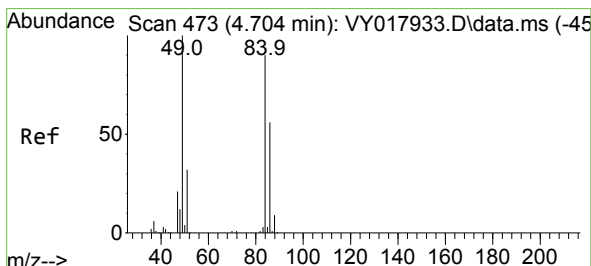
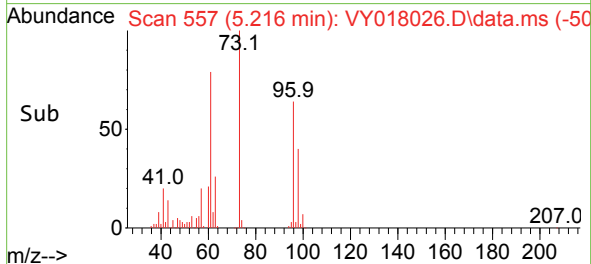
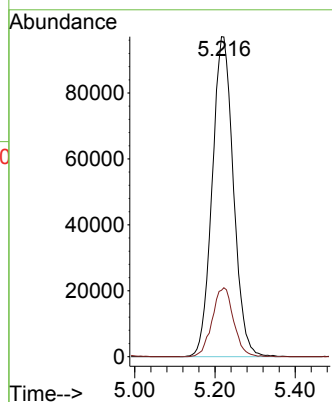
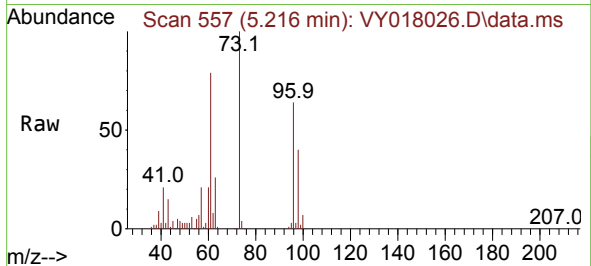




#19  
Methyl tert-butyl Ether  
Concen: 47.981 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

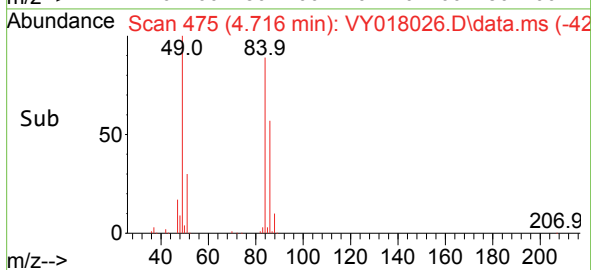
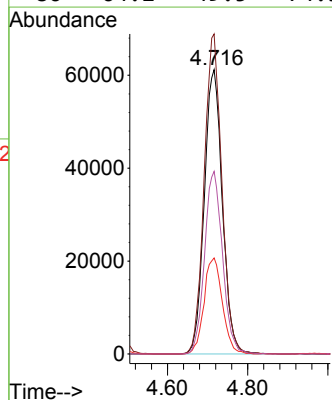
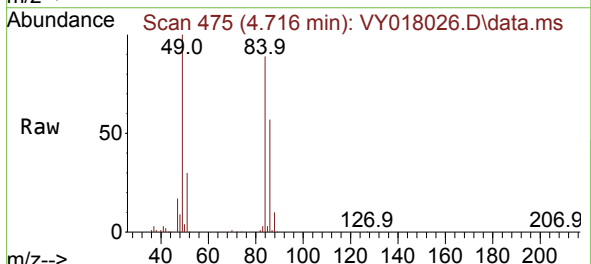
Instrument :  
MSVOA\_Y  
ClientSampleId :

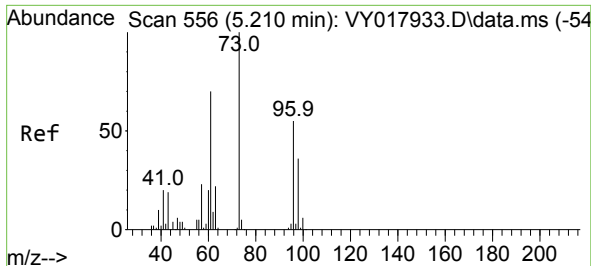
Tgt Ion: 73 Resp: 356098  
Ion Ratio Lower Upper  
73 100  
57 20.8 17.3 25.9



#20  
Methylene Chloride  
Concen: 48.983 ug/l  
RT: 4.716 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

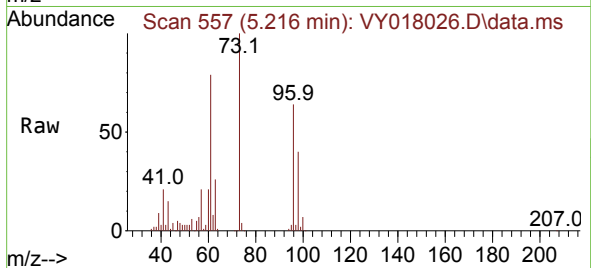
Tgt Ion: 84 Resp: 191421  
Ion Ratio Lower Upper  
84 100  
49 112.5 84.4 126.6  
51 33.8 26.0 39.0  
86 64.2 49.5 74.3



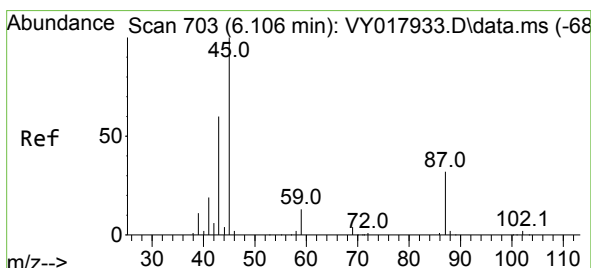
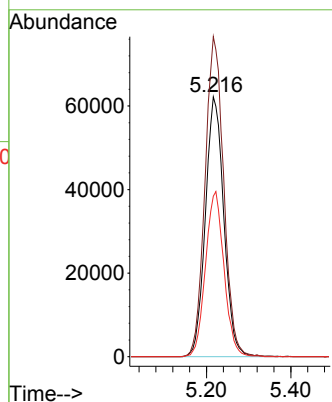
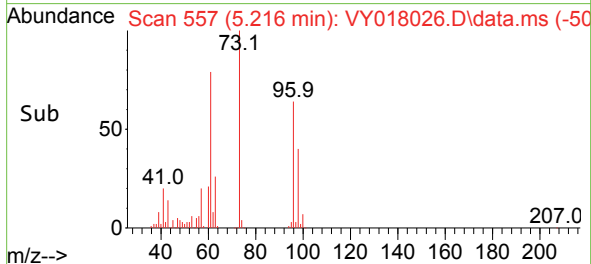


#21  
trans-1,2-Dichloroethene  
Concen: 50.793 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

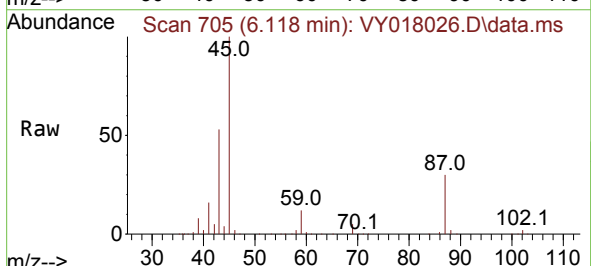
Instrument :  
MSVOA\_Y  
ClientSampleId :



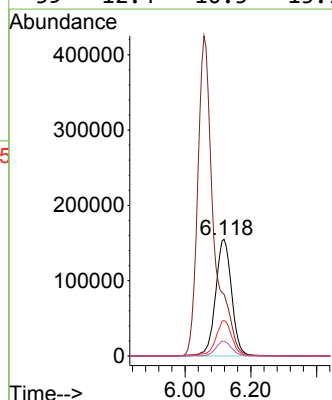
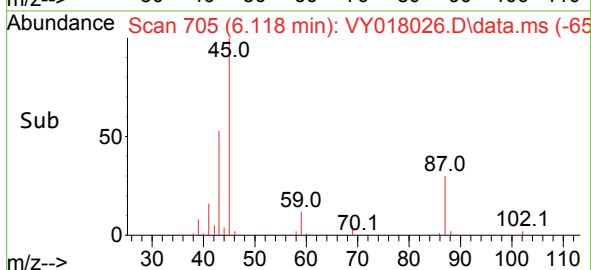
Tgt Ion: 96 Resp: 189483  
Ion Ratio Lower Upper  
96 100  
61 123.2 97.5 146.3  
98 61.7 50.5 75.7

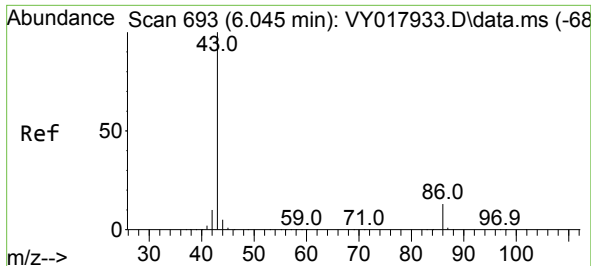


#22  
Diisopropyl ether  
Concen: 54.133 ug/l  
RT: 6.118 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30



Tgt Ion: 45 Resp: 522993  
Ion Ratio Lower Upper  
45 100  
43 52.8 42.2 63.2  
87 30.3 25.0 37.6  
59 12.4 10.5 15.7

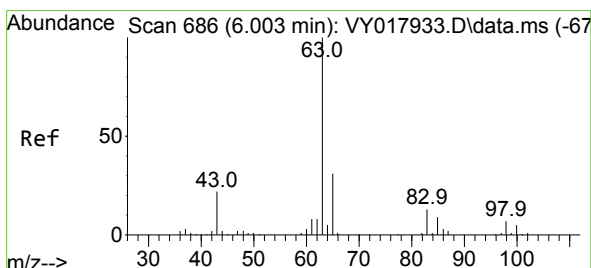
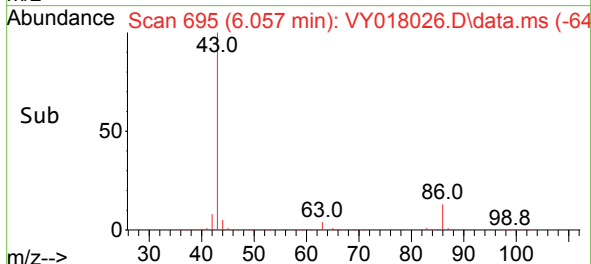
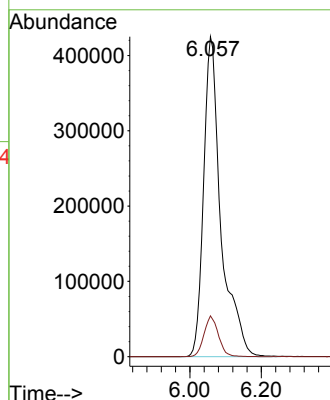
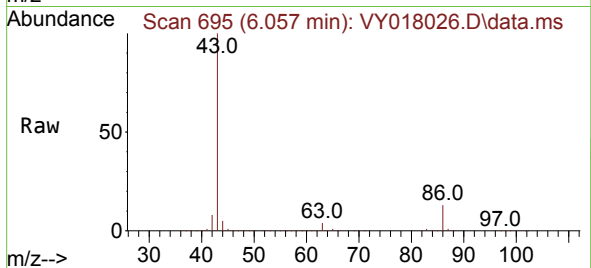




#23  
 Vinyl Acetate  
 Concen: 249.826 ug/l  
 RT: 6.057 min Scan# 693  
 Delta R.T. -0.006 min  
 Lab File: VY018026.D  
 Acq: 23 Apr 2024 16:30

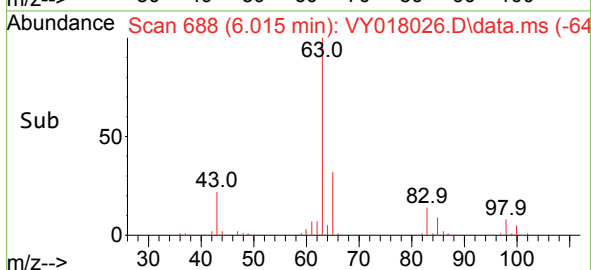
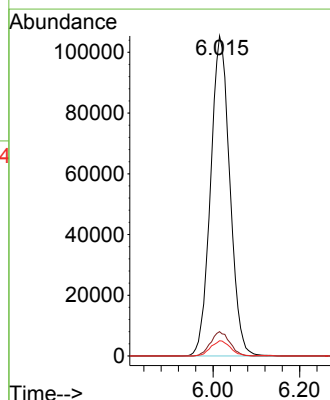
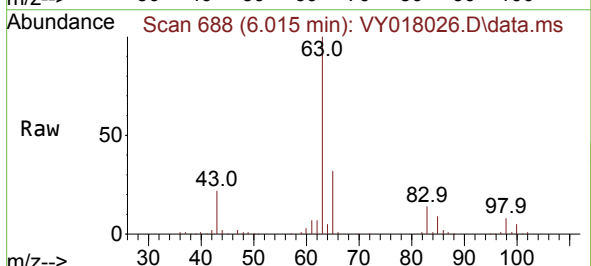
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 43 Resp: 1431250  
 Ion Ratio Lower Upper  
 43 100  
 86 12.8 10.6 16.0

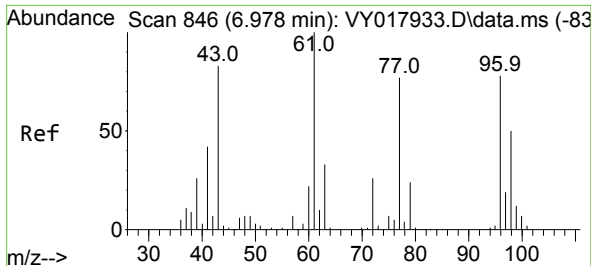


#24  
 1,1-Dichloroethane  
 Concen: 51.602 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.006 min  
 Lab File: VY018026.D  
 Acq: 23 Apr 2024 16:30

Tgt Ion: 63 Resp: 325501  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 4.0 12.2  
 100 4.7 2.6 8.0







#25

2-Butanone

Concen: 213.693 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

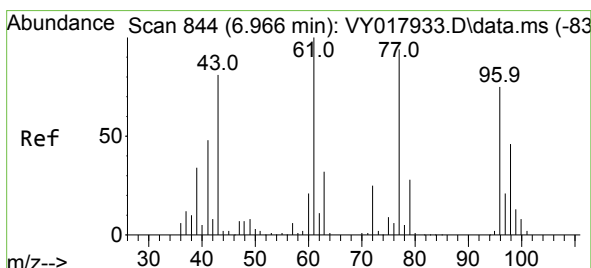
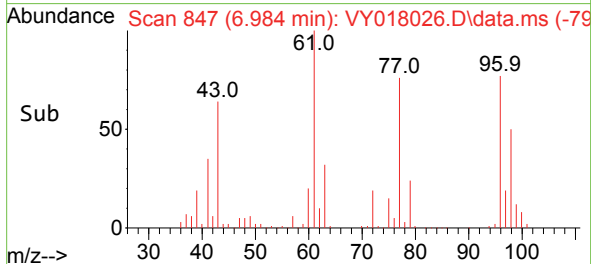
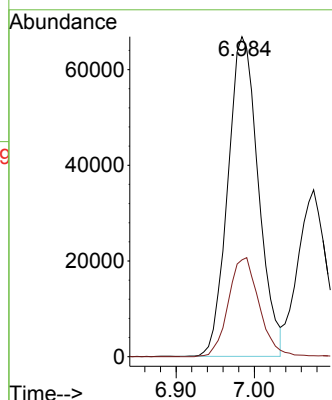
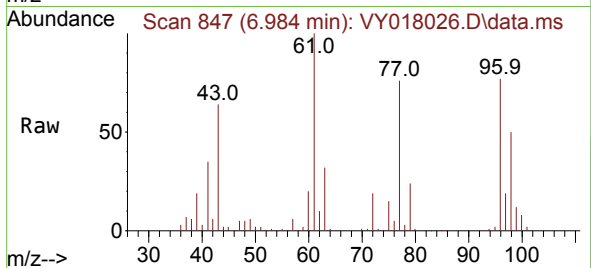
ClientSampleId :

Tgt Ion: 43 Resp: 181181

Ion Ratio Lower Upper

43 100

72 30.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 47.829 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018026.D

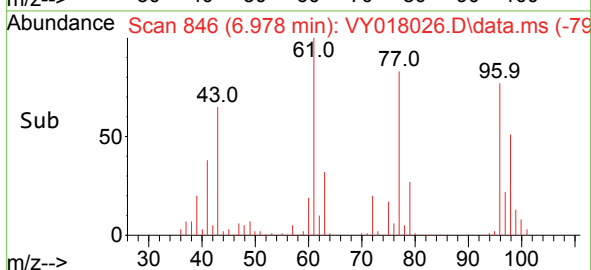
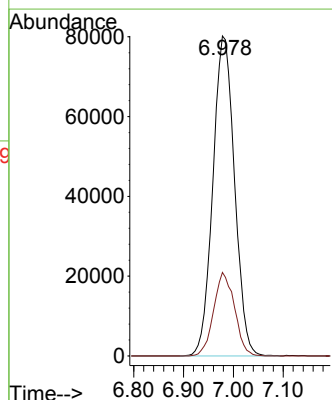
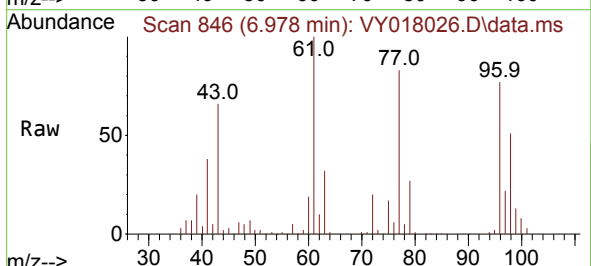
Acq: 23 Apr 2024 16:30

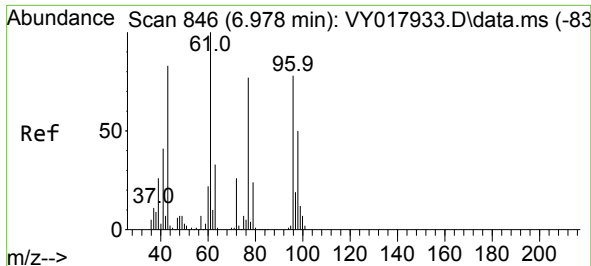
Tgt Ion: 77 Resp: 242050

Ion Ratio Lower Upper

77 100

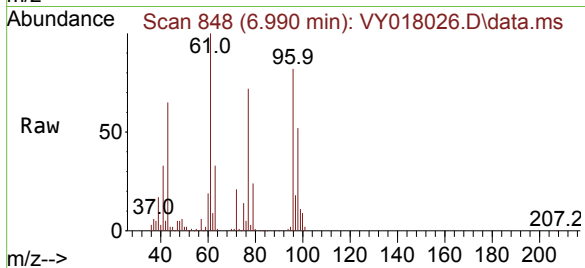
97 25.2 12.0 36.1



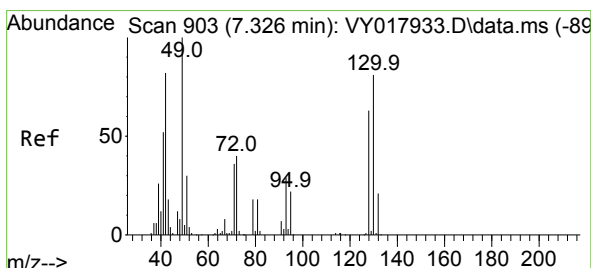
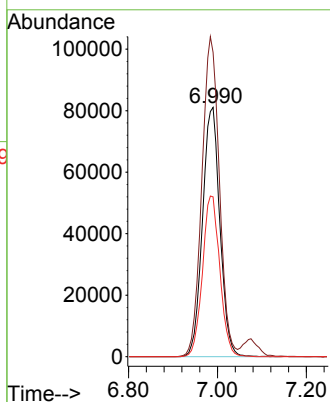
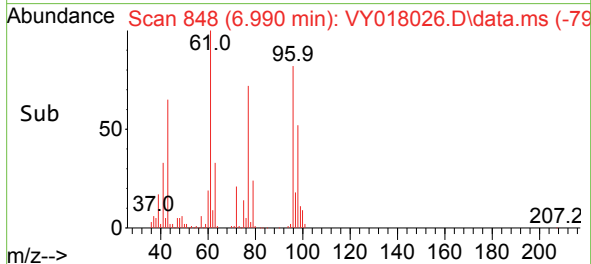


#27  
 cis-1,2-Dichloroethene  
 Concen: 51.817 ug/l  
 RT: 6.990 min Scan# 846  
 Delta R.T. 0.006 min  
 Lab File: VY018026.D  
 Acq: 23 Apr 2024 16:30

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

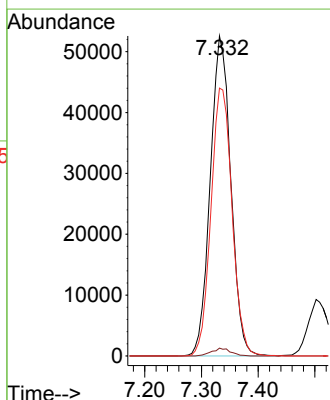
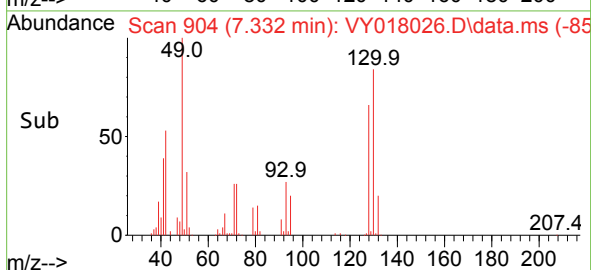
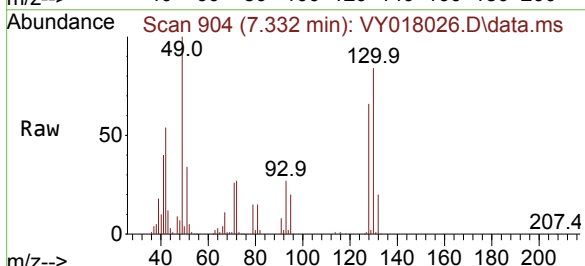


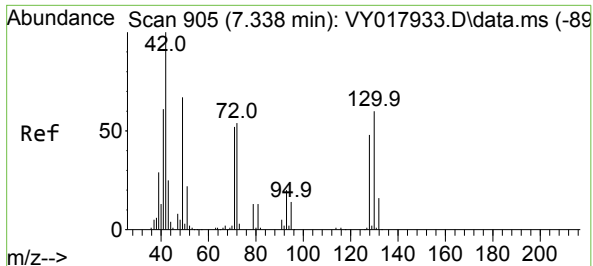
Tgt Ion: 96 Resp: 220770  
 Ion Ratio Lower Upper  
 96 100  
 61 129.4 0.0 256.2  
 98 64.3 0.0 130.0



#28  
 Bromochloromethane  
 Concen: 53.444 ug/l  
 RT: 7.332 min Scan# 904  
 Delta R.T. -0.006 min  
 Lab File: VY018026.D  
 Acq: 23 Apr 2024 16:30

Tgt Ion: 49 Resp: 132611  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 4.6  
 130 85.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 233.493 ug/l

RT: 7.344 min Scan# 905

Delta R.T. -0.006 min

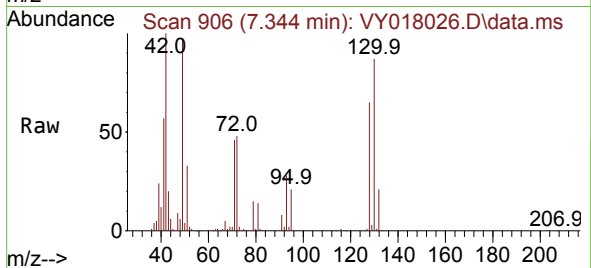
Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

ClientSampleId :



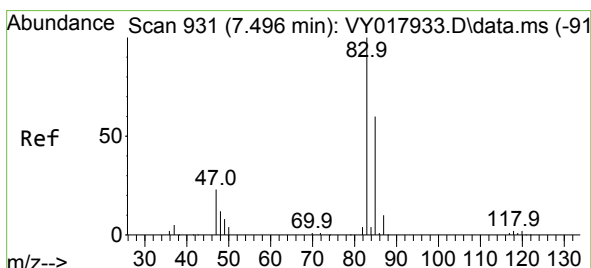
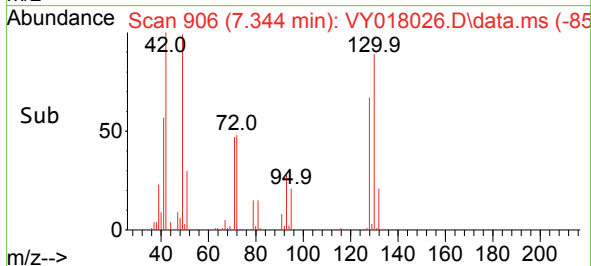
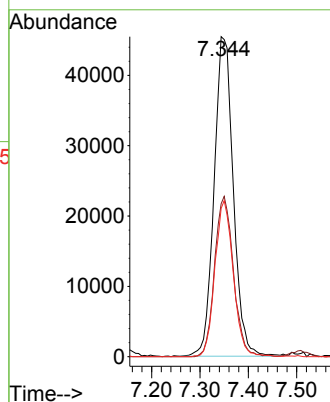
Tgt Ion: 42 Resp: 125630

Ion Ratio Lower Upper

42 100

72 49.1 43.0 64.4

71 46.7 40.8 61.2



#30

Chloroform

Concen: 51.166 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY018026.D

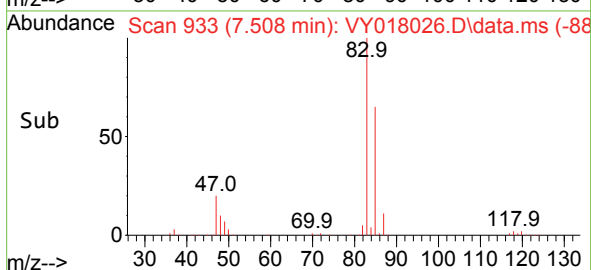
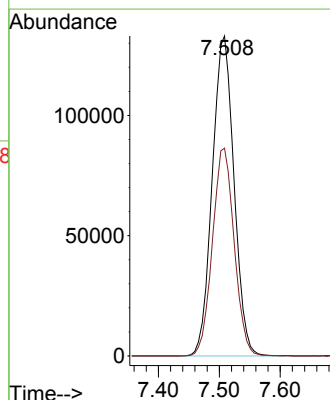
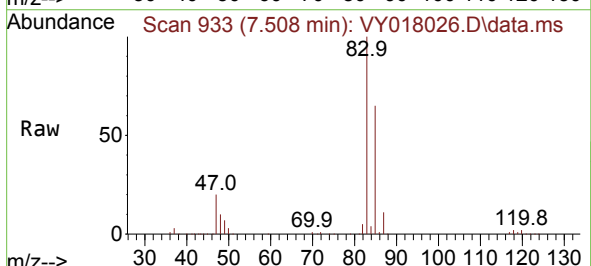
Acq: 23 Apr 2024 16:30

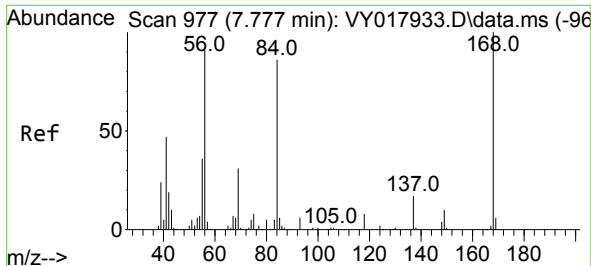
Tgt Ion: 83 Resp: 329862

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.4





#31

Cyclohexane

Concen: 47.700 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

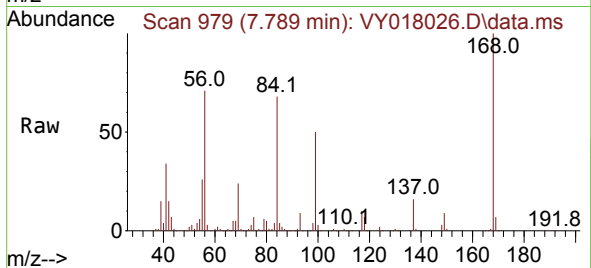
Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

ClientSampleId :



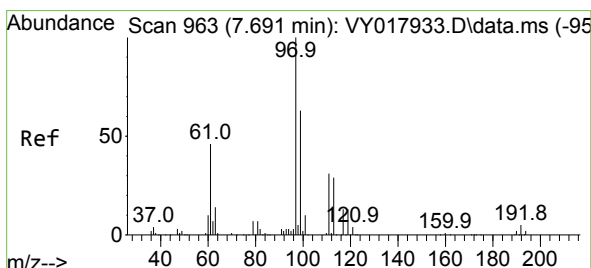
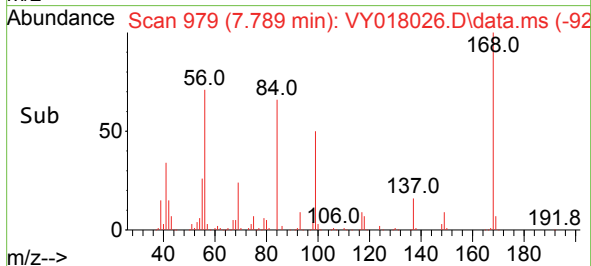
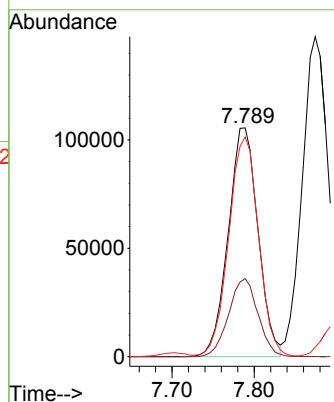
Tgt Ion: 56 Resp: 266166

Ion Ratio Lower Upper

56 100

69 34.1 28.7 43.1

84 94.6 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 50.454 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

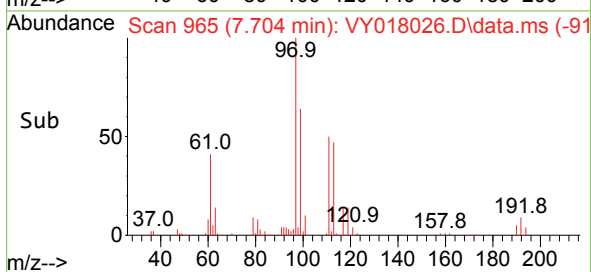
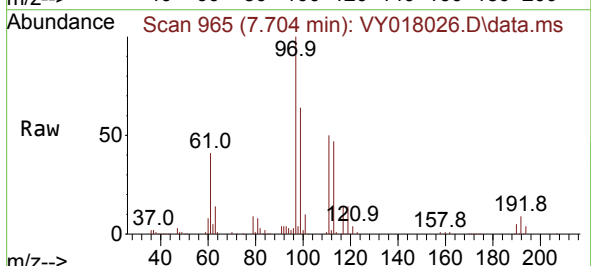
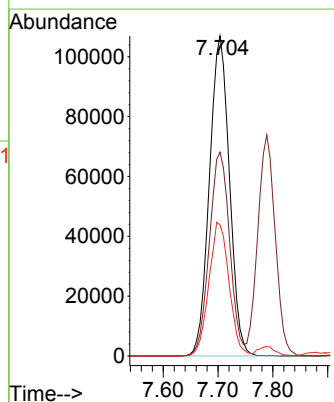
Tgt Ion: 97 Resp: 270917

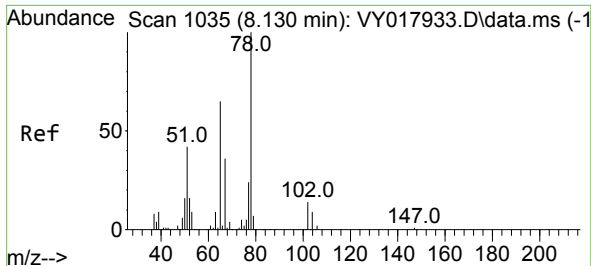
Ion Ratio Lower Upper

97 100

99 64.7 50.3 75.5

61 42.1 32.6 48.8

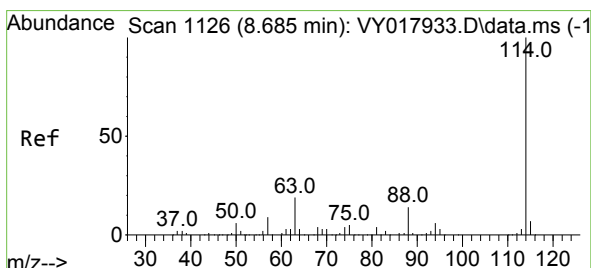
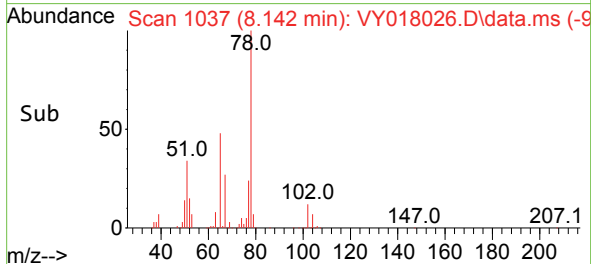
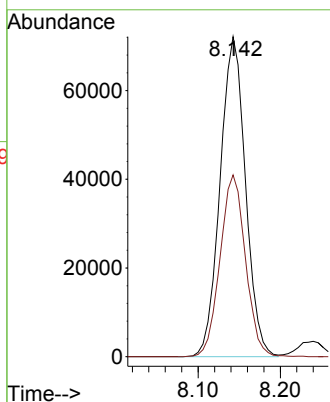
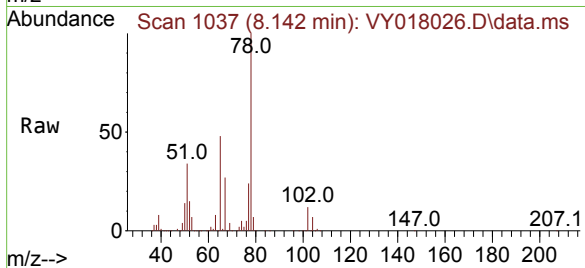




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.946 ug/l  
 RT: 8.142 min Scan# 1037  
 Delta R.T. 0.000 min  
 Lab File: VY018026.D  
 Acq: 23 Apr 2024 16:30

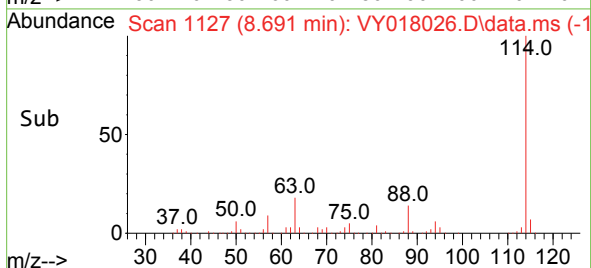
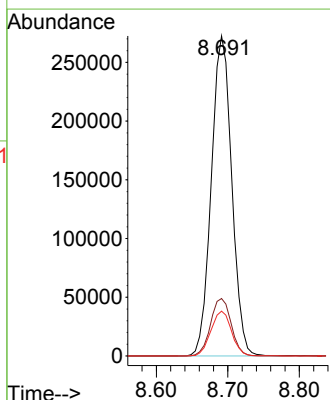
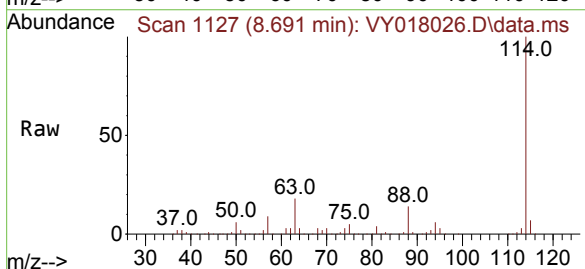
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

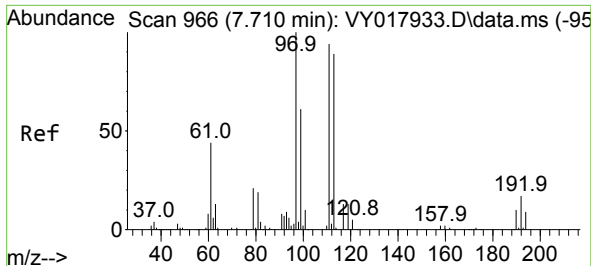
Tgt Ion: 65 Resp: 154567  
 Ion Ratio Lower Upper  
 65 100  
 67 56.9 0.0 109.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.691 min Scan# 1127  
 Delta R.T. 0.000 min  
 Lab File: VY018026.D  
 Acq: 23 Apr 2024 16:30

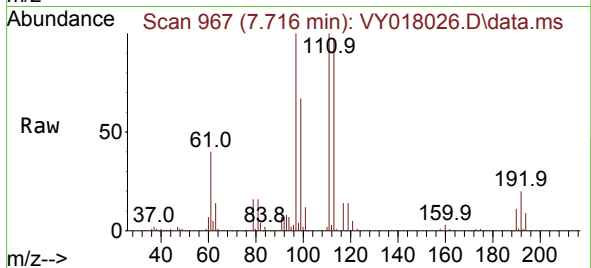
Tgt Ion:114 Resp: 540483  
 Ion Ratio Lower Upper  
 114 100  
 63 18.0 0.0 35.0  
 88 14.0 0.0 27.2



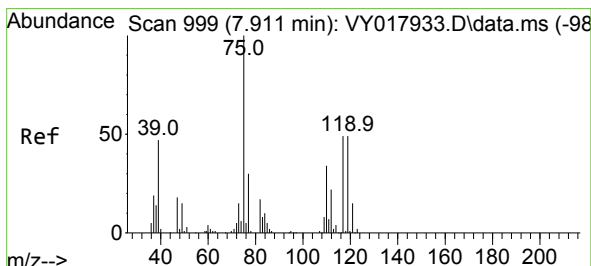
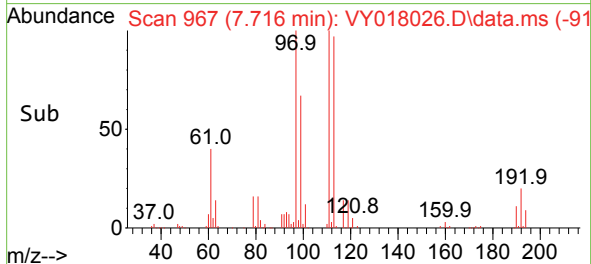
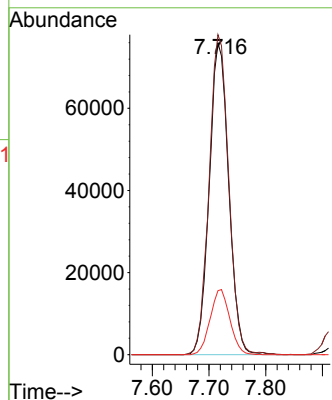


#35  
Dibromofluoromethane  
Concen: 54.257 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Instrument :  
MSVOA\_Y  
ClientSampleId :

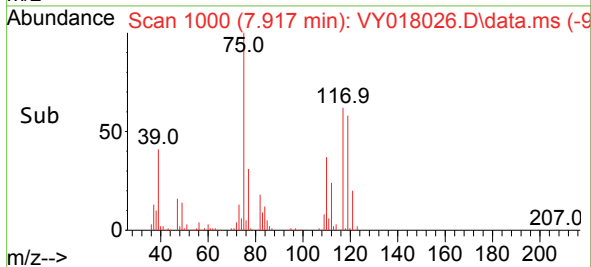
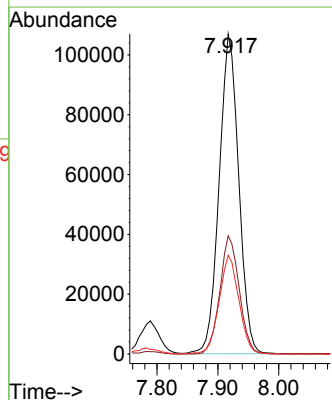
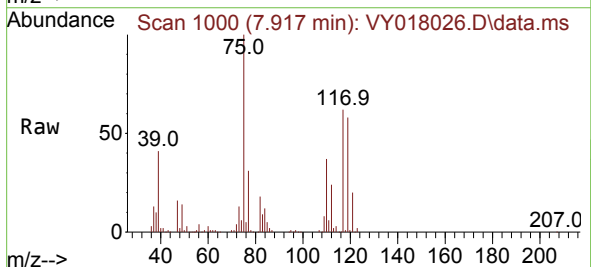


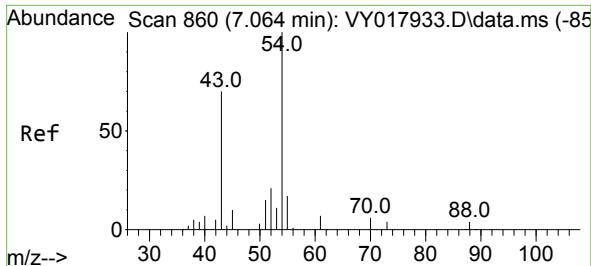
Tgt Ion:113 Resp: 180916  
Ion Ratio Lower Upper  
113 100  
111 103.6 82.2 123.4  
192 21.2 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 49.128 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Tgt Ion: 75 Resp: 238235  
Ion Ratio Lower Upper  
75 100  
110 36.7 19.0 57.0  
77 31.3 25.3 37.9

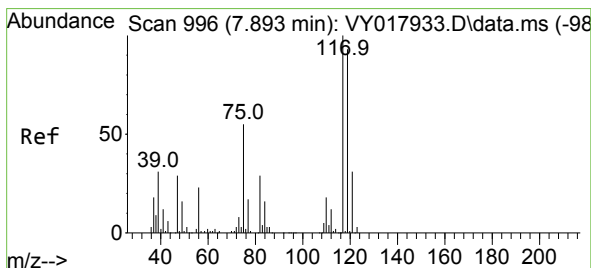
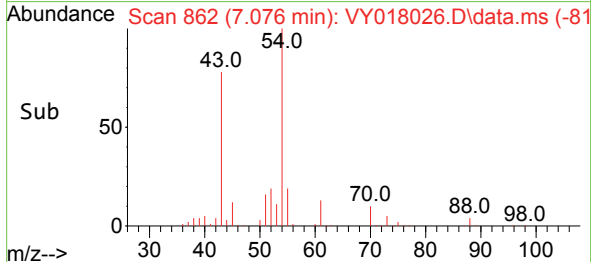
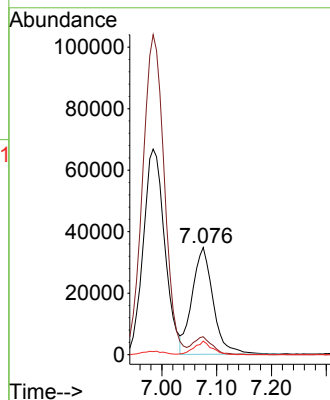
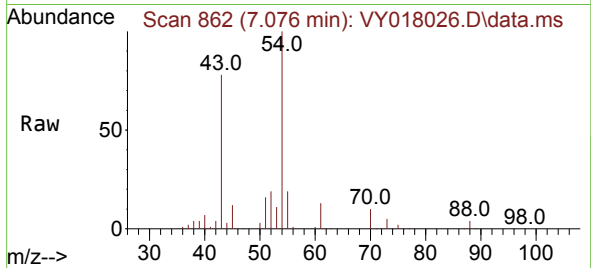




#37  
Ethyl Acetate  
Concen: 46.342 ug/l  
RT: 7.076 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

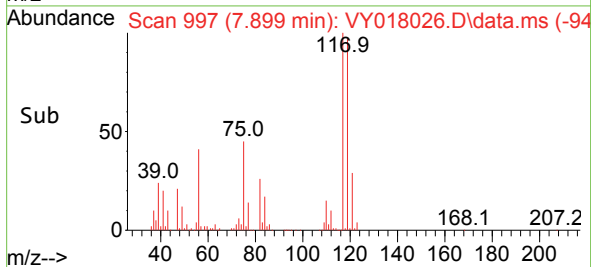
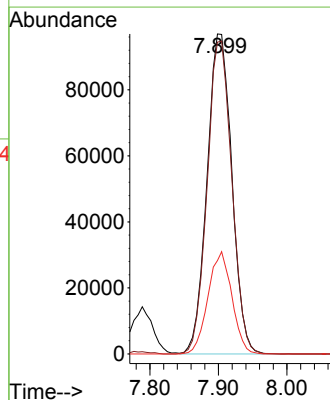
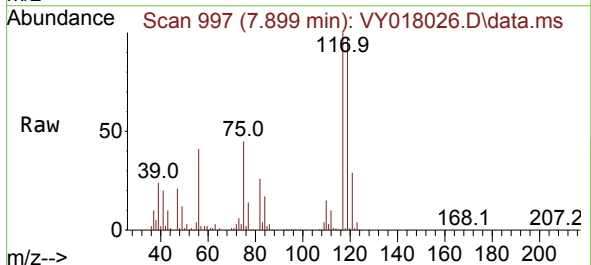
Instrument :  
MSVOA\_Y  
ClientSampleId :

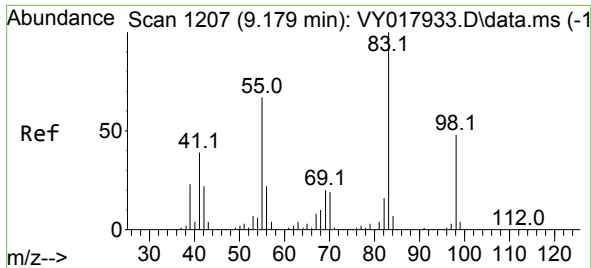
Tgt Ion: 43 Resp: 92457  
Ion Ratio Lower Upper  
43 100  
61 15.0 12.6 19.0  
70 10.6 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 49.771 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Tgt Ion: 117 Resp: 243839  
Ion Ratio Lower Upper  
117 100  
119 97.5 75.8 113.6  
121 29.2 24.0 36.0





#39

Methylcyclohexane

Concen: 48.171 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

ClientSampleId :

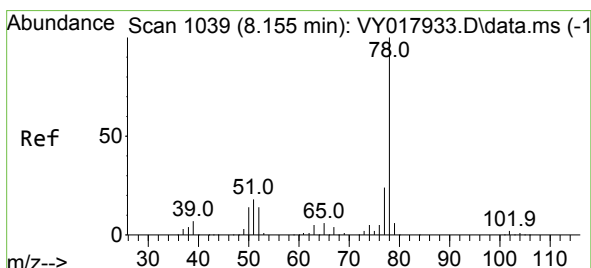
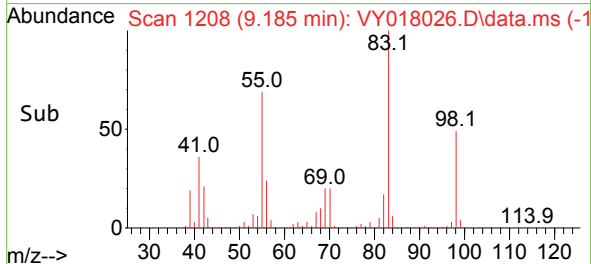
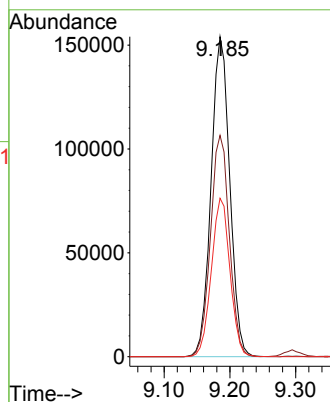
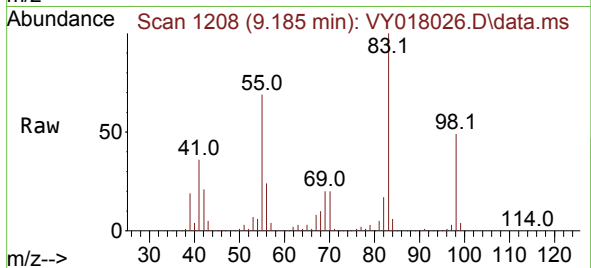
Tgt Ion: 83 Resp: 304411

Ion Ratio Lower Upper

83 100

55 69.2 51.5 77.3

98 49.5 40.5 60.7



#40

Benzene

Concen: 51.502 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY018026.D

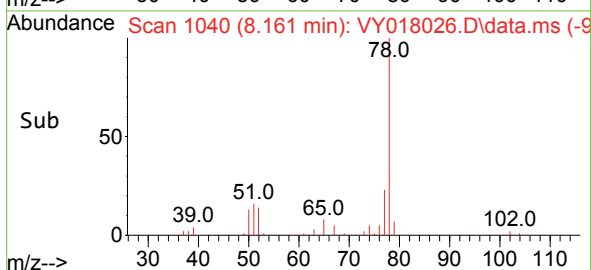
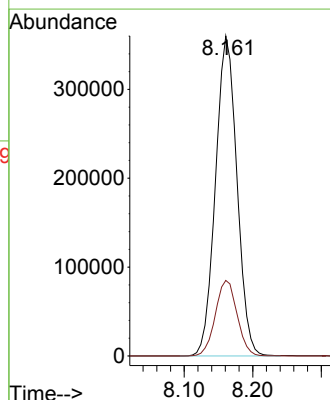
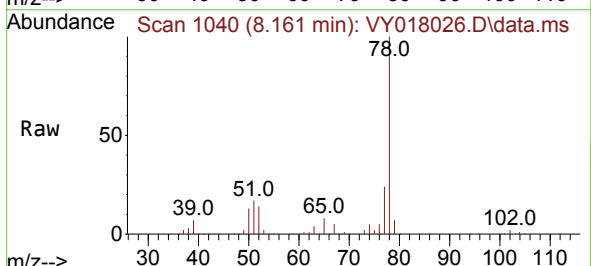
Acq: 23 Apr 2024 16:30

Tgt Ion: 78 Resp: 782286

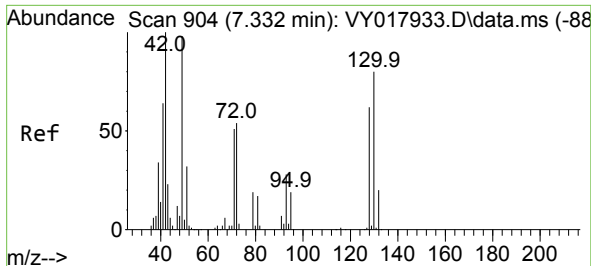
Ion Ratio Lower Upper

78 100

77 23.6 19.5 29.3

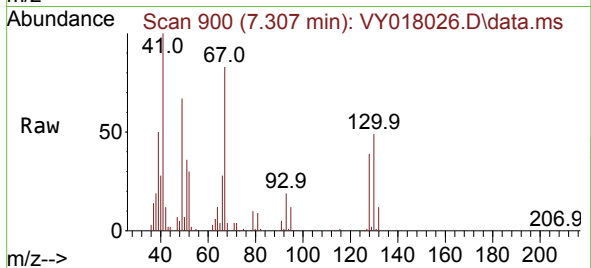




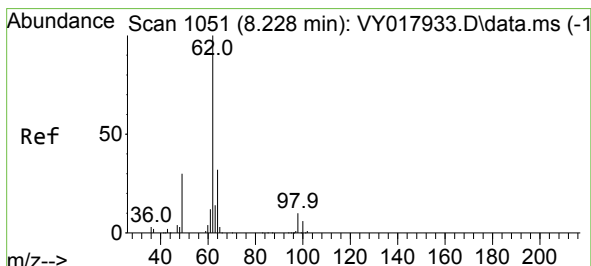
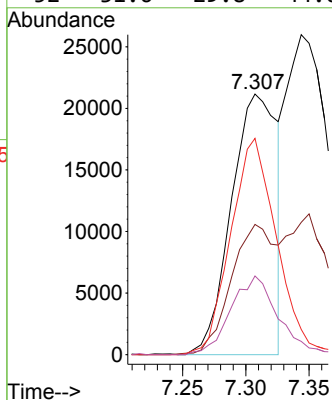
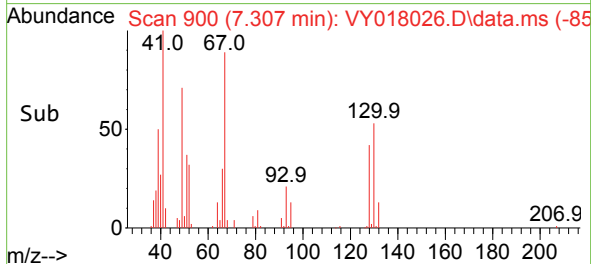


#41  
Methacrylonitrile  
Concen: 42.141 ug/l  
RT: 7.307 min Scan# 904  
Delta R.T. -0.024 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Instrument :  
MSVOA\_Y  
ClientSampleId :

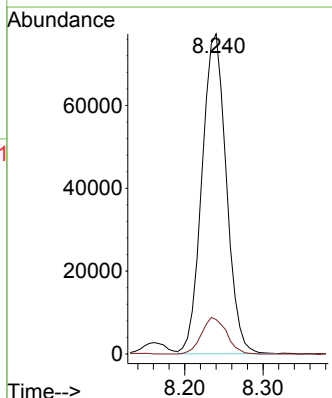
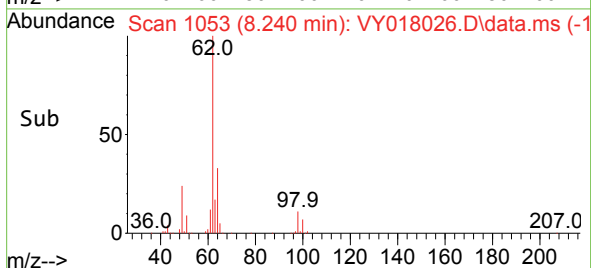
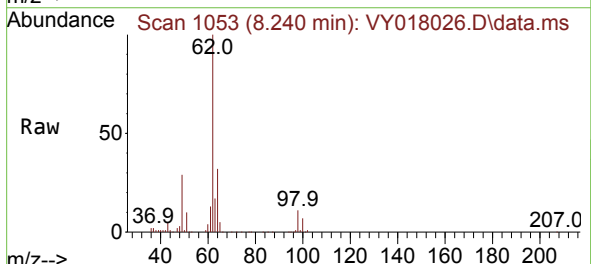


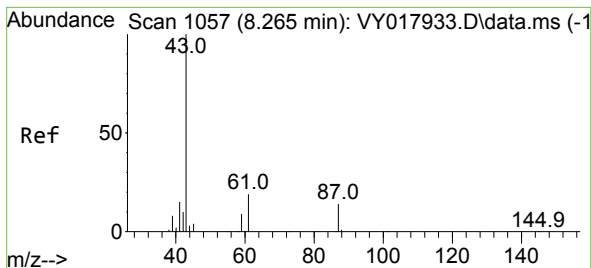
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 53052 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 49.1  | 48.0  | 72.0  |
| 67       | 84.1  | 75.1  | 112.7 |
| 52       | 31.6  | 29.8  | 44.6  |



#42  
1,2-Dichloroethane  
Concen: 47.894 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 166689 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 11.7  | 0.0   | 22.0   |





#43

Isopropyl Acetate

Concen: 44.605 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

ClientSampleId :

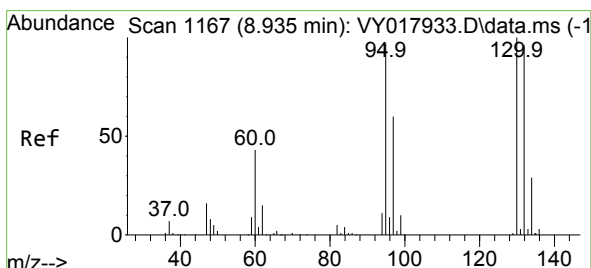
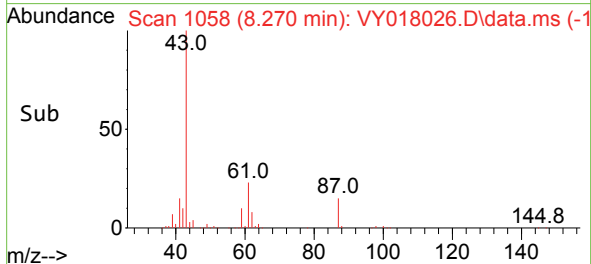
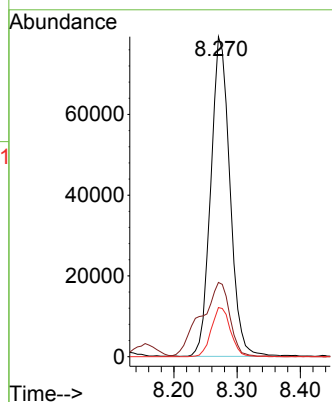
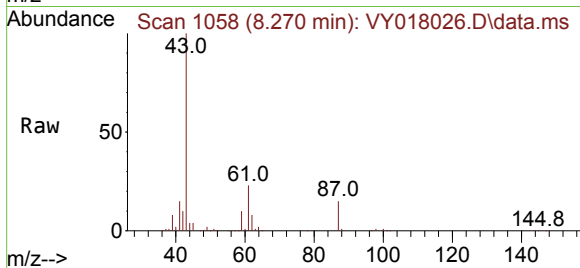
Tgt Ion: 43 Resp: 165886

Ion Ratio Lower Upper

43 100

61 34.6 27.9 41.9

87 15.5 13.1 19.7



#44

Trichloroethene

Concen: 50.703 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY018026.D

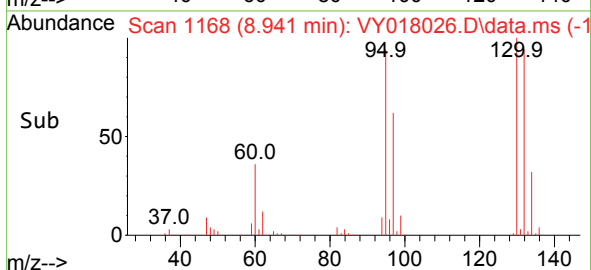
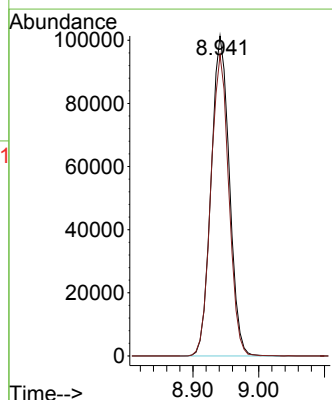
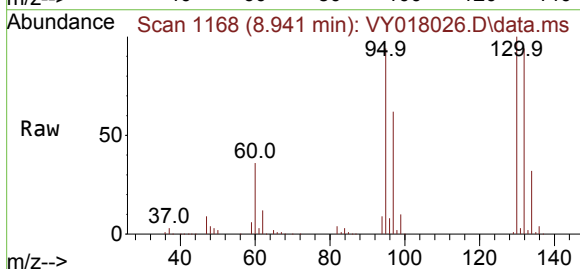
Acq: 23 Apr 2024 16:30

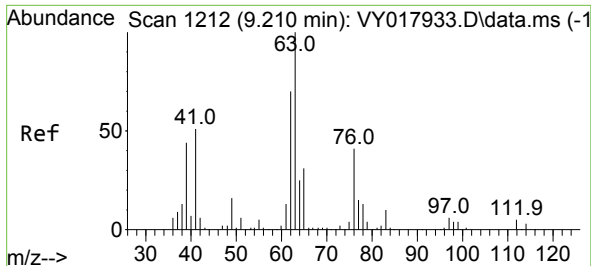
Tgt Ion:130 Resp: 195706

Ion Ratio Lower Upper

130 100

95 94.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 51.804 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

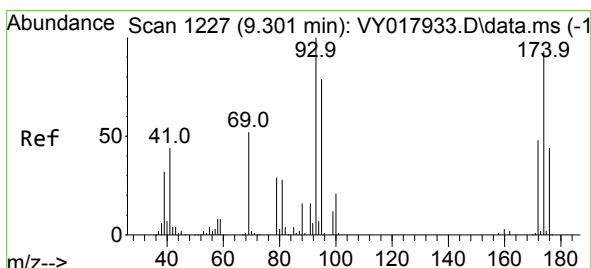
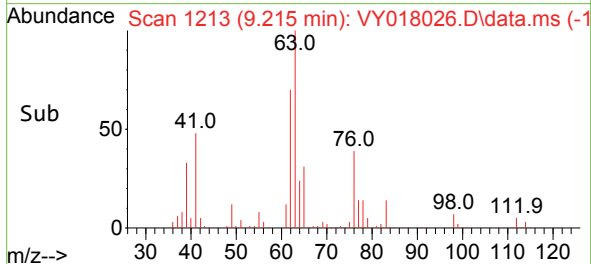
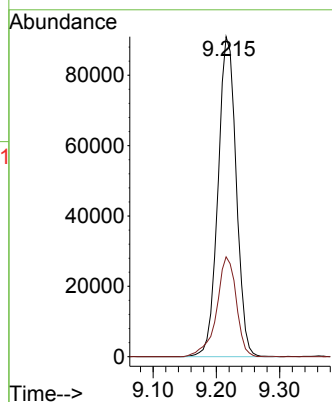
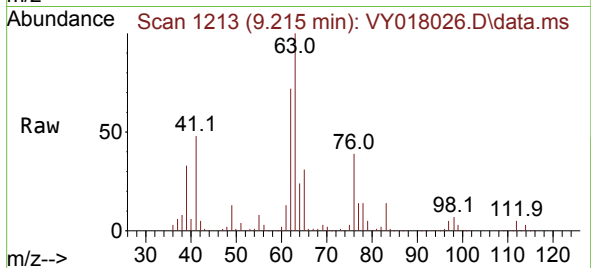
ClientSampleId :

Tgt Ion: 63 Resp: 181133

Ion Ratio Lower Upper

63 100

65 31.2 25.4 38.2



#46

Dibromomethane

Concen: 47.790 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

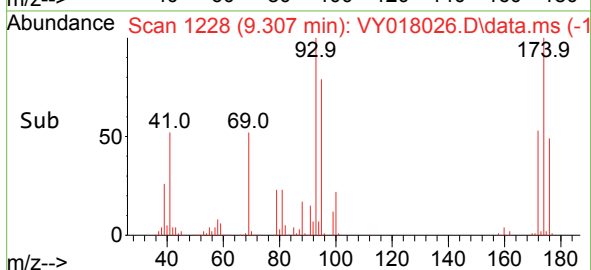
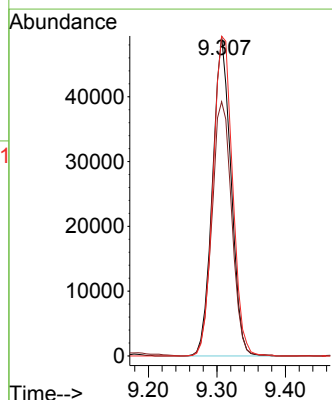
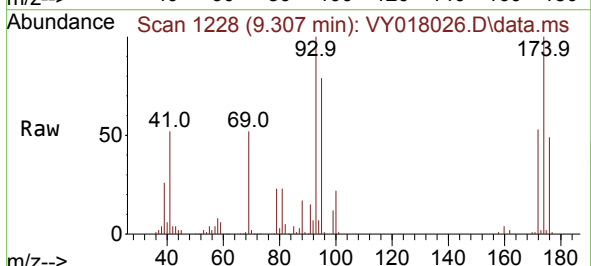
Tgt Ion: 93 Resp: 92429

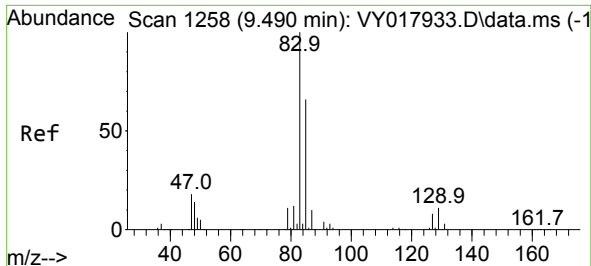
Ion Ratio Lower Upper

93 100

95 84.7 66.2 99.4

174 105.4 80.9 121.3

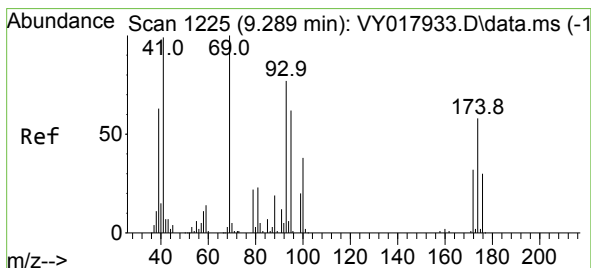
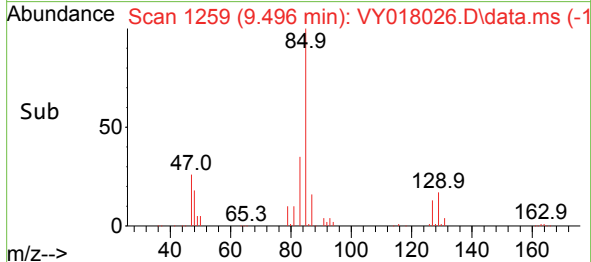
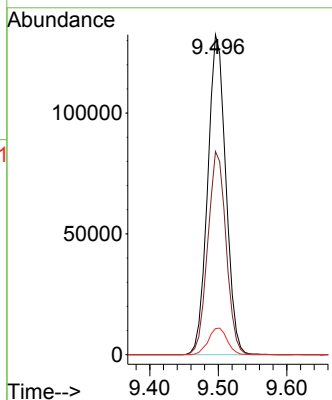
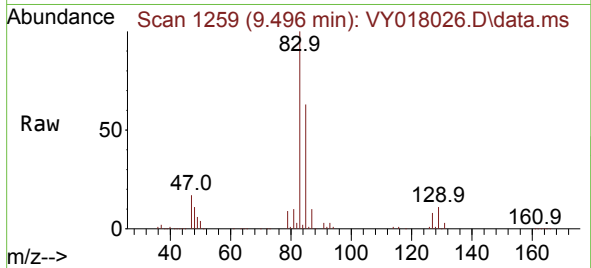




#47  
Bromodichloromethane  
Concen: 50.067 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

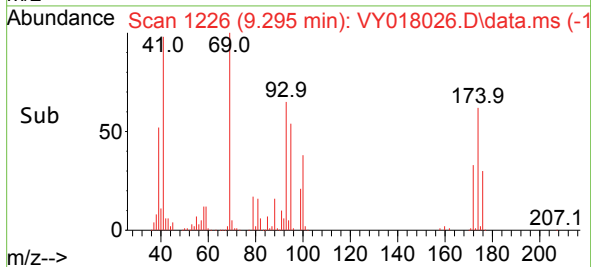
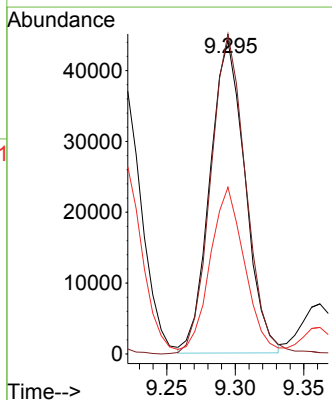
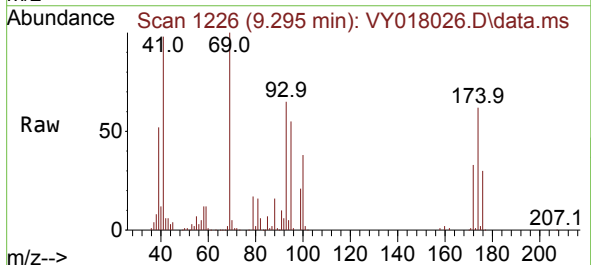
Instrument :  
MSVOA\_Y  
ClientSampleId :

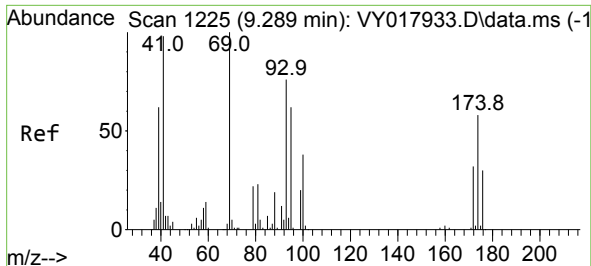
Tgt Ion: 83 Resp: 242940  
Ion Ratio Lower Upper  
83 100  
85 63.5 50.1 75.1  
127 8.1 7.4 11.0



#48  
Methyl methacrylate  
Concen: 46.243 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Tgt Ion: 41 Resp: 78806  
Ion Ratio Lower Upper  
41 100  
69 102.3 84.1 126.1  
39 49.9 43.6 65.4





#49

1,4-Dioxane

Concen: 916.110 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

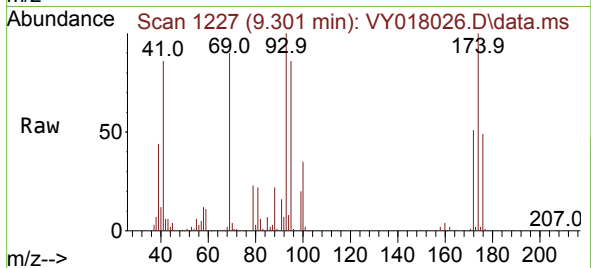
Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

ClientSampleId :



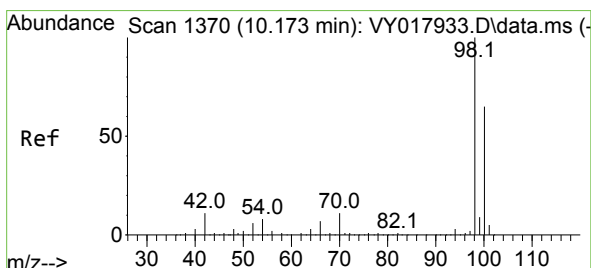
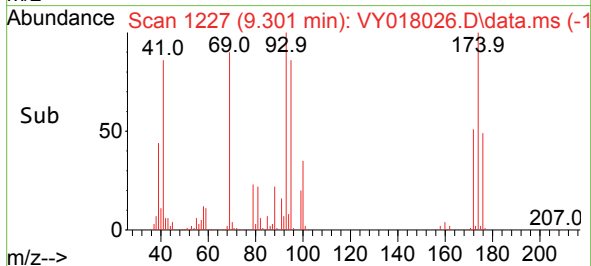
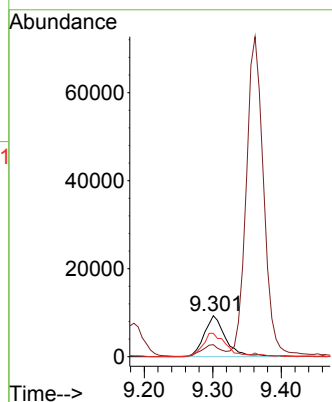
Tgt Ion: 88 Resp: 20227

Ion Ratio Lower Upper

88 100

43 24.8 0.0 0.0#

58 61.5 49.3 73.9



#50

Toluene-d8

Concen: 56.798 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018026.D

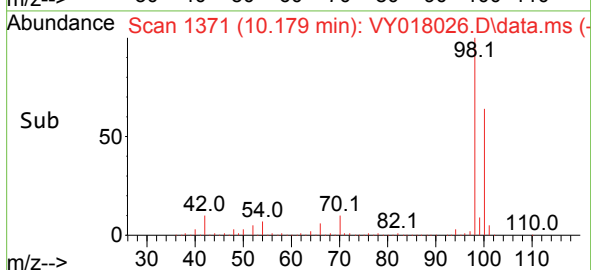
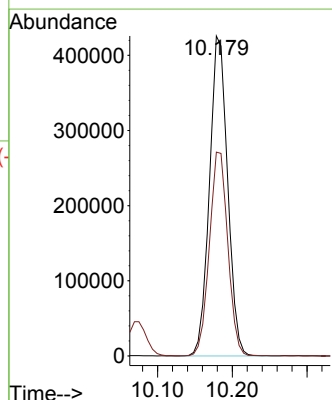
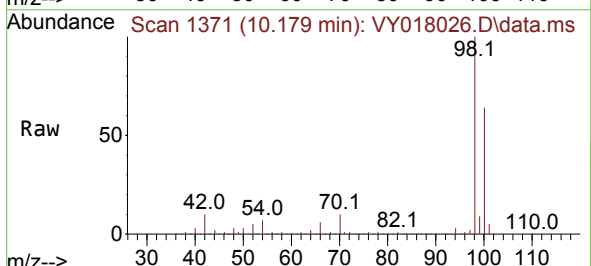
Acq: 23 Apr 2024 16:30

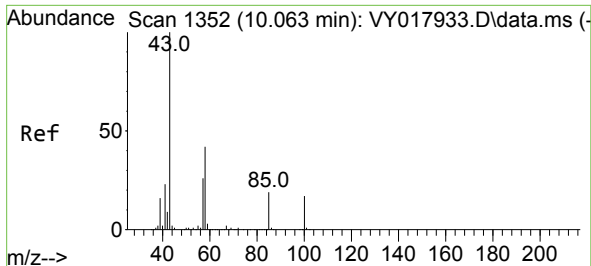
Tgt Ion: 98 Resp: 718645

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 231.718 ug/l

RT: 10.069 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

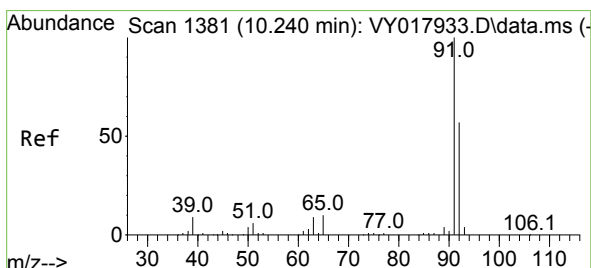
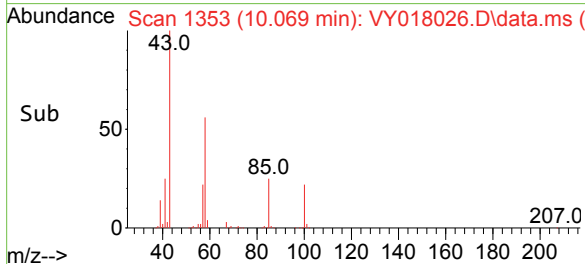
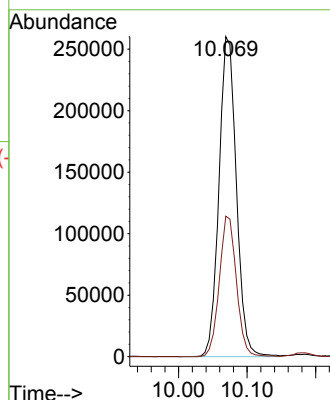
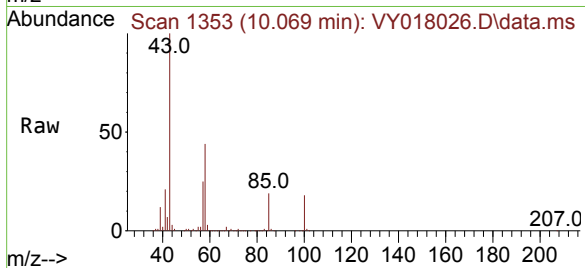
ClientSampleId :

Tgt Ion: 43 Resp: 456842

Ion Ratio Lower Upper

43 100

58 43.3 35.7 53.5



#52

Toluene

Concen: 51.727 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY018026.D

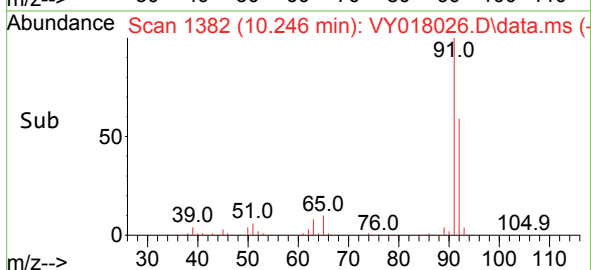
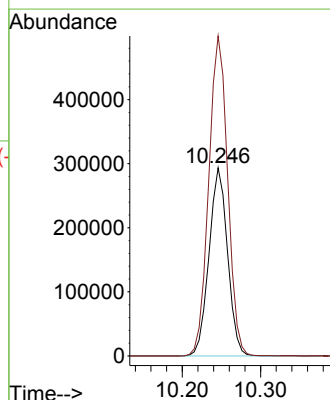
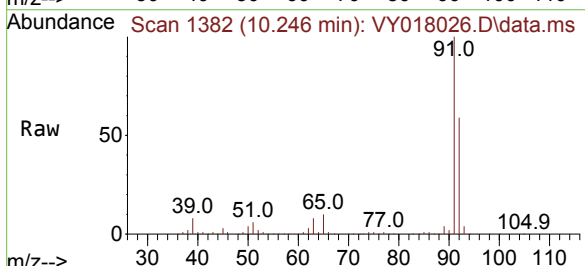
Acq: 23 Apr 2024 16:30

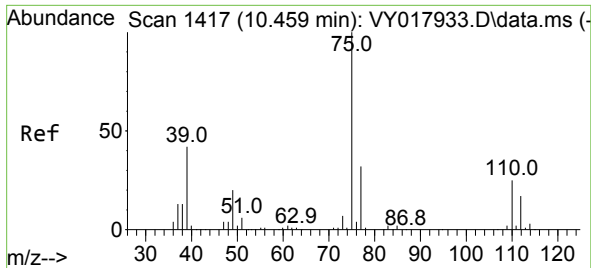
Tgt Ion: 92 Resp: 482134

Ion Ratio Lower Upper

92 100

91 173.9 139.0 208.6

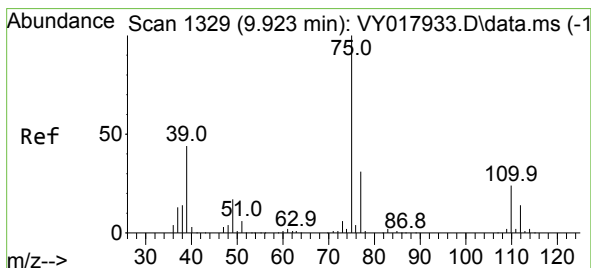
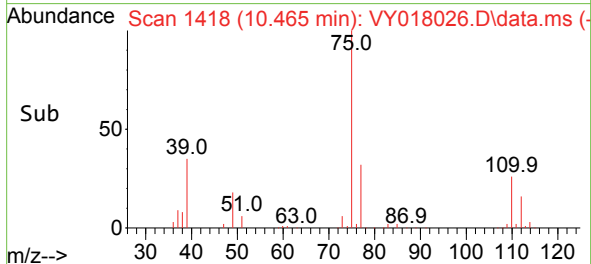
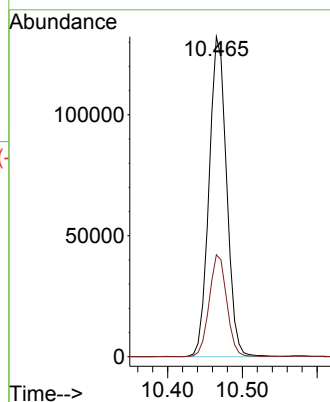
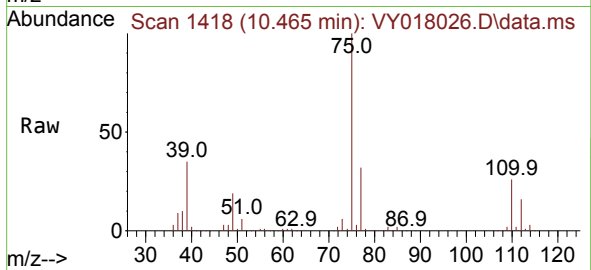




#53  
 t-1,3-Dichloropropene  
 Concen: 48.710 ug/l  
 RT: 10.465 min Scan# 1417  
 Delta R.T. 0.000 min  
 Lab File: VY018026.D  
 Acq: 23 Apr 2024 16:30

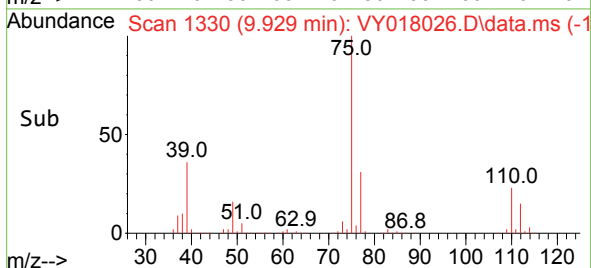
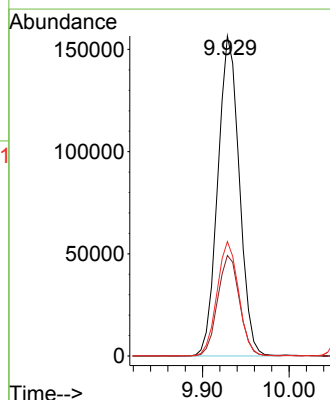
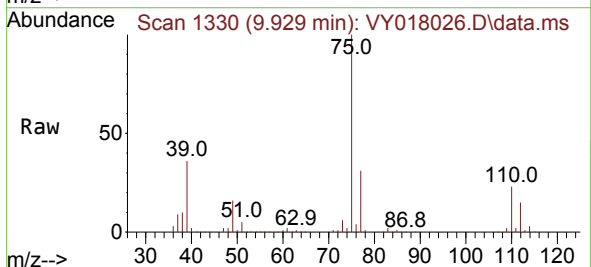
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

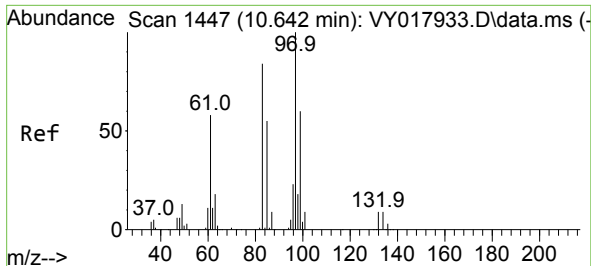
Tgt Ion: 75 Resp: 215773  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.667 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. 0.000 min  
 Lab File: VY018026.D  
 Acq: 23 Apr 2024 16:30

Tgt Ion: 75 Resp: 270280  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.4 38.0  
 39 35.7 29.8 44.6

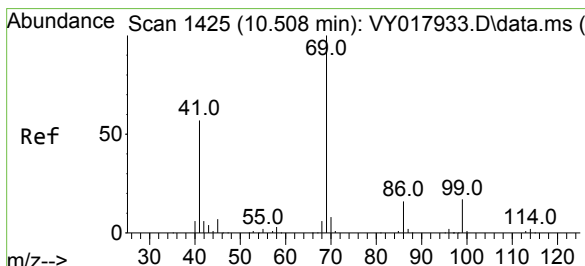
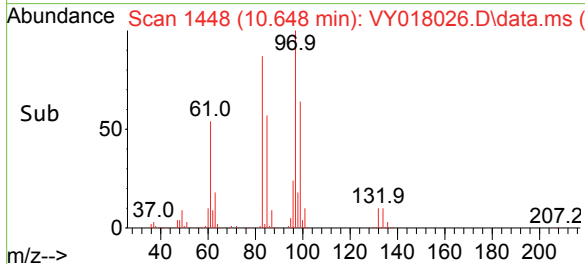
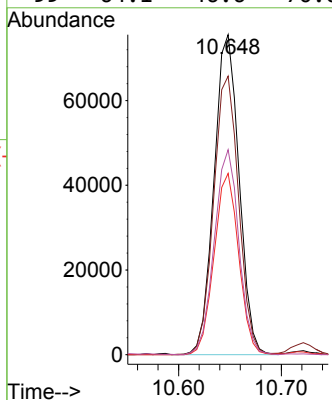
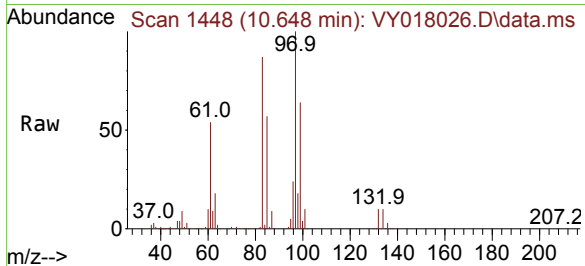




#55  
1,1,2-Trichloroethane  
Concen: 48.585 ug/l  
RT: 10.648 min Scan# 1447  
Delta R.T. 0.006 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

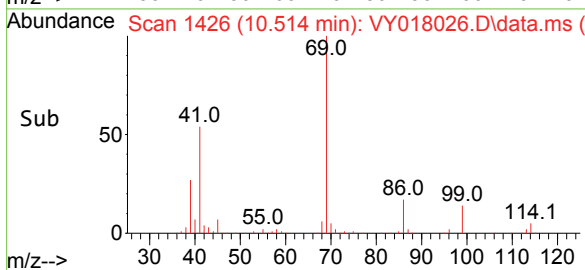
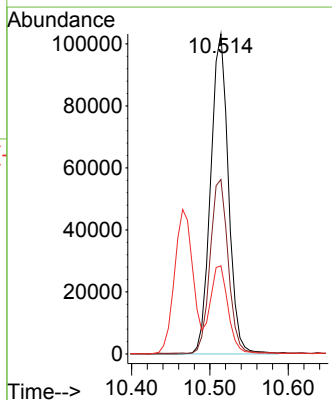
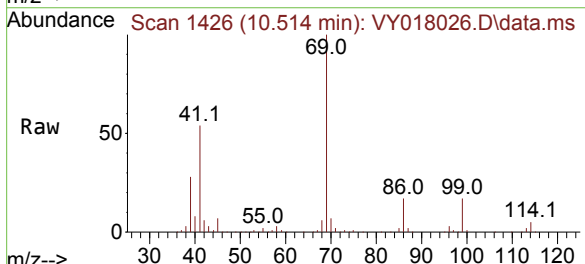
Instrument :  
MSVOA\_Y  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 127736 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.9  | 67.5  | 101.3  |
| 85       | 56.7  | 42.9  | 64.3   |
| 99       | 64.1  | 46.6  | 70.0   |

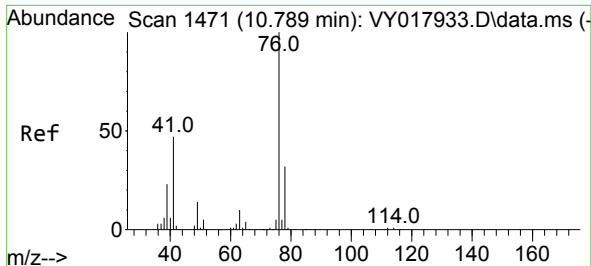


#56  
Ethyl methacrylate  
Concen: 47.410 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.006 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 162501 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 56.7  | 42.3  | 63.5   |
| 39       | 27.2  | 22.9  | 34.3   |







#57

1,3-Dichloropropane

Concen: 48.899 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

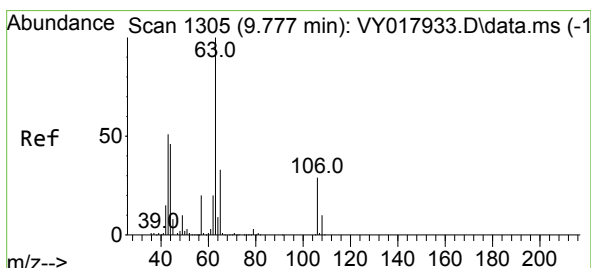
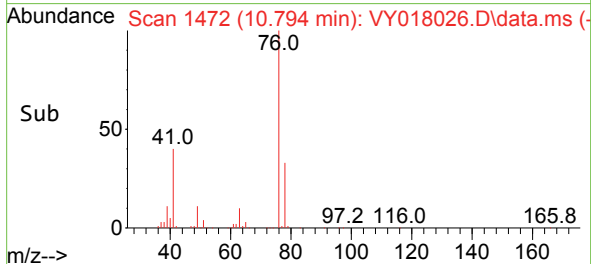
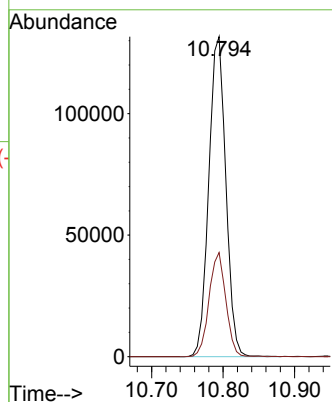
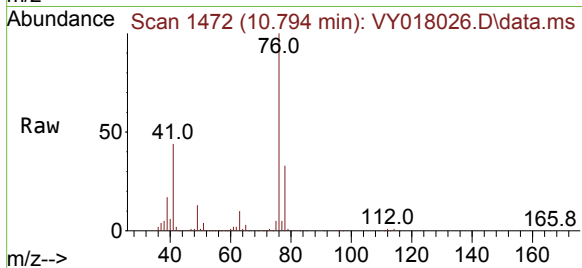
ClientSampleId :

Tgt Ion: 76 Resp: 217693

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 219.883 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018026.D

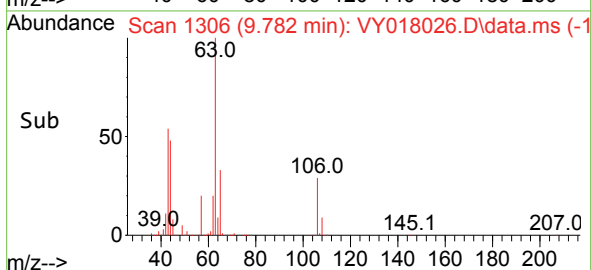
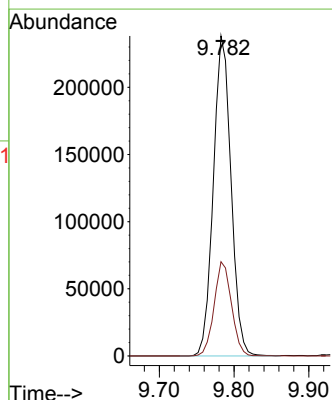
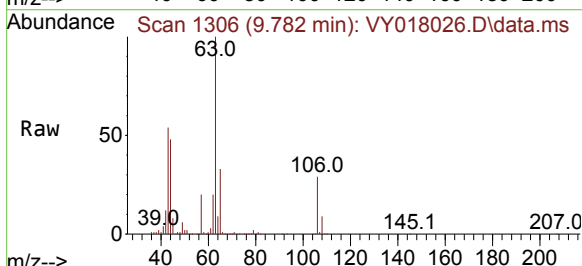
Acq: 23 Apr 2024 16:30

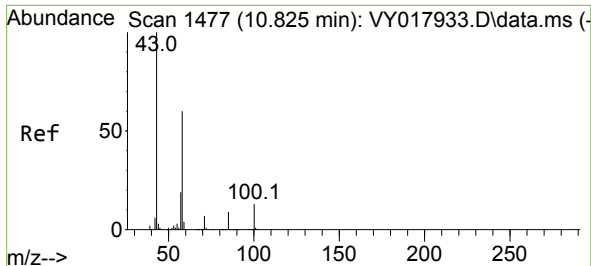
Tgt Ion: 63 Resp: 391753

Ion Ratio Lower Upper

63 100

106 28.9 23.7 35.5

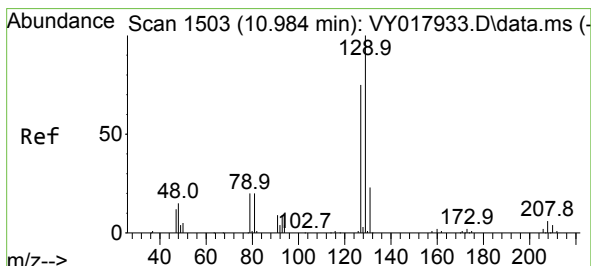
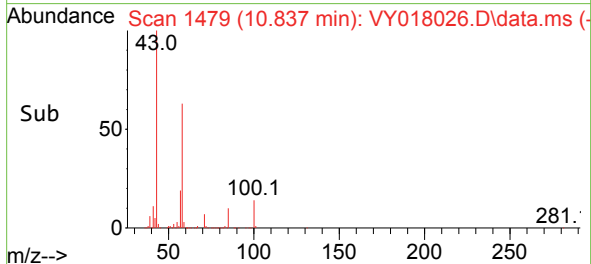
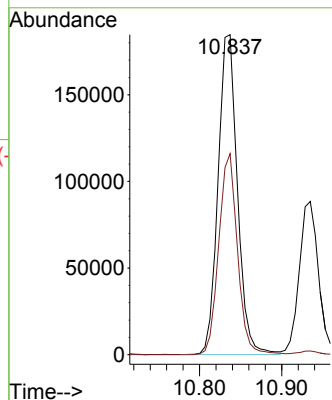
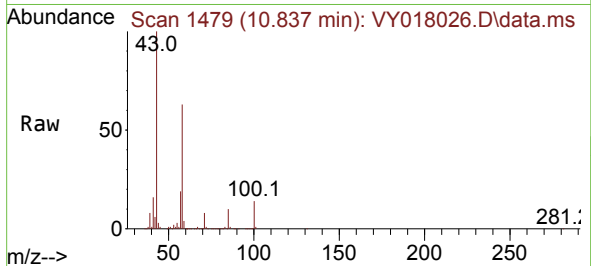




#59  
2-Hexanone  
Concen: 224.467 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.006 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

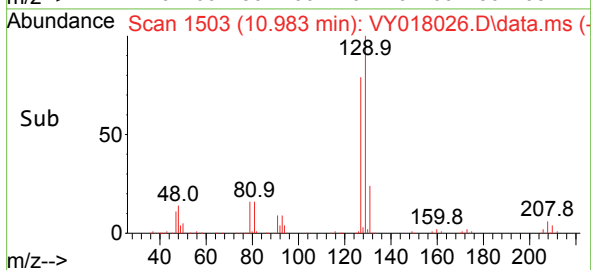
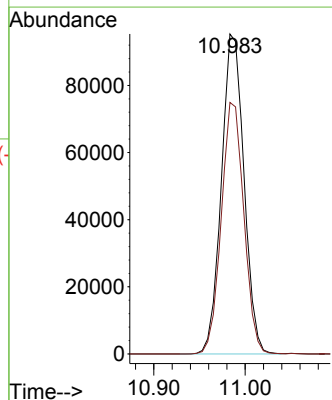
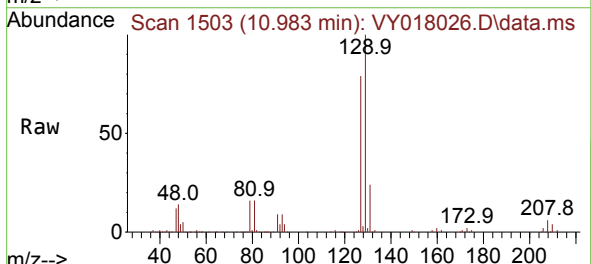
Instrument :  
MSVOA\_Y  
ClientSampleId :

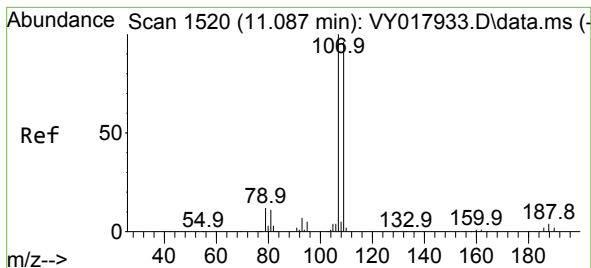
Tgt Ion: 43 Resp: 302096  
Ion Ratio Lower Upper  
43 100  
58 60.7 31.4 94.0



#60  
Dibromochloromethane  
Concen: 48.365 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Tgt Ion:129 Resp: 163423  
Ion Ratio Lower Upper  
129 100  
127 78.6 39.0 117.0





#61

1,2-Dibromoethane

Concen: 46.953 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

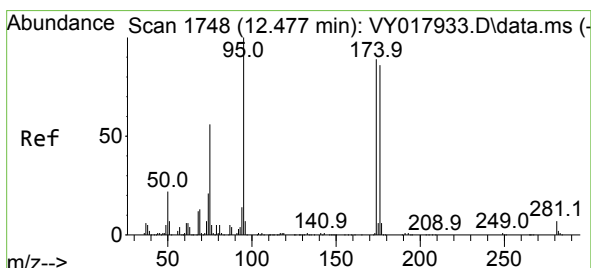
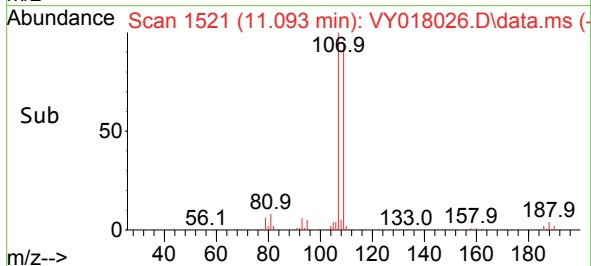
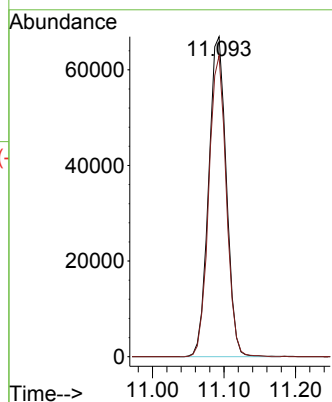
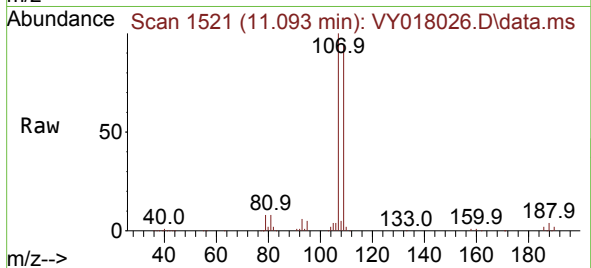
ClientSampleId :

Tgt Ion:107 Resp: 115046

Ion Ratio Lower Upper

107 100

109 92.9 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 52.948 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

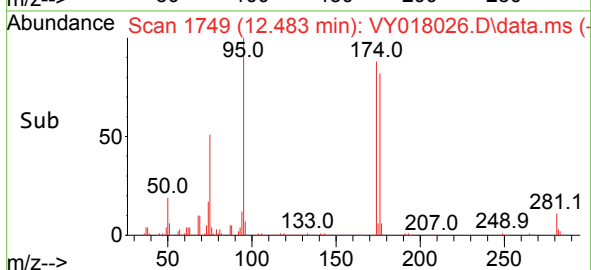
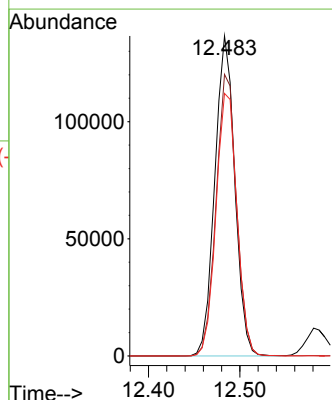
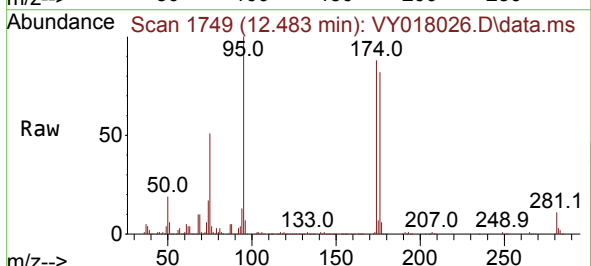
Tgt Ion: 95 Resp: 207479

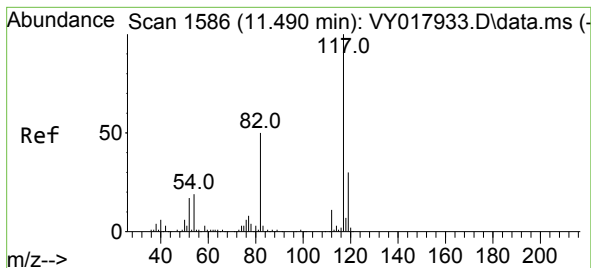
Ion Ratio Lower Upper

95 100

174 90.1 0.0 175.6

176 86.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

ClientSampleId :

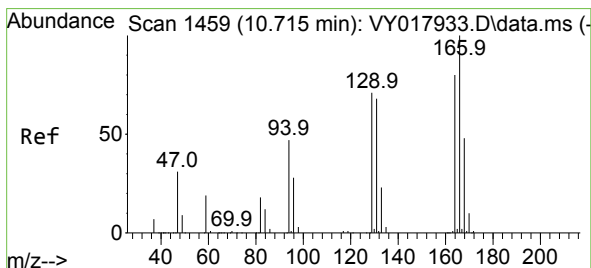
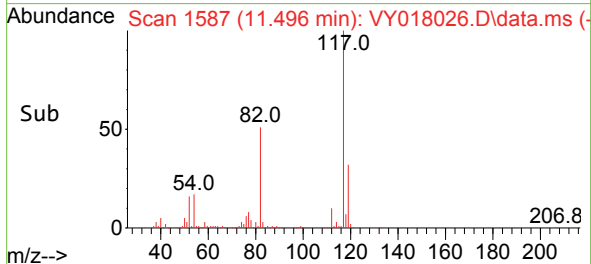
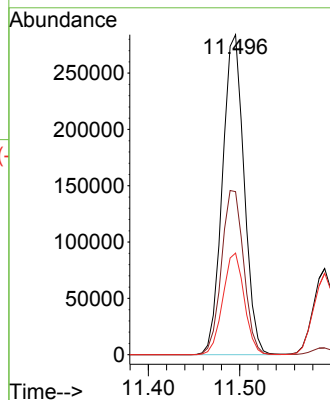
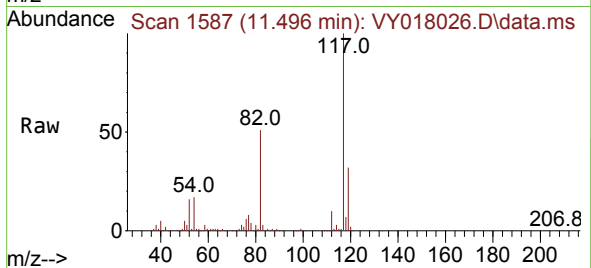
Tgt Ion:117 Resp: 467701

Ion Ratio Lower Upper

117 100

82 50.9 42.4 63.6

119 31.7 25.9 38.9



#64

Tetrachloroethene

Concen: 50.632 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Tgt Ion:164 Resp: 169637

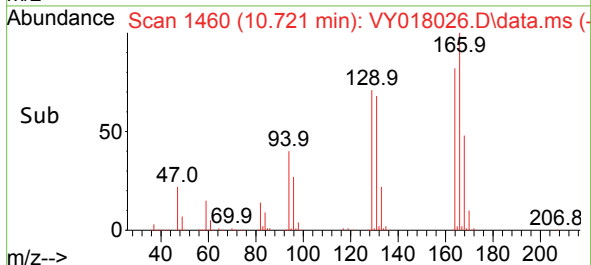
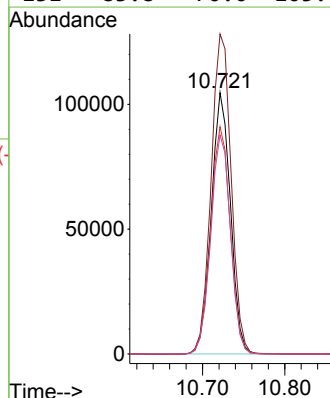
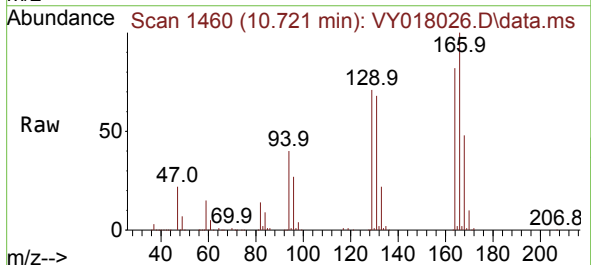
Ion Ratio Lower Upper

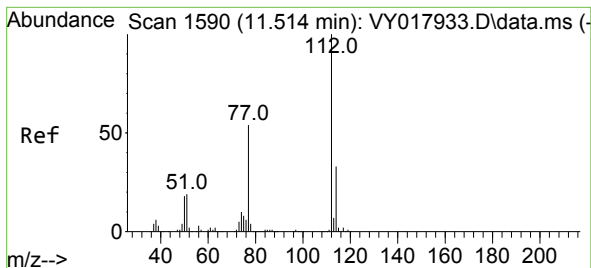
164 100

166 122.5 102.6 154.0

129 87.0 72.0 108.0

131 83.8 70.0 105.0





#65

Chlorobenzene

Concen: 50.241 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

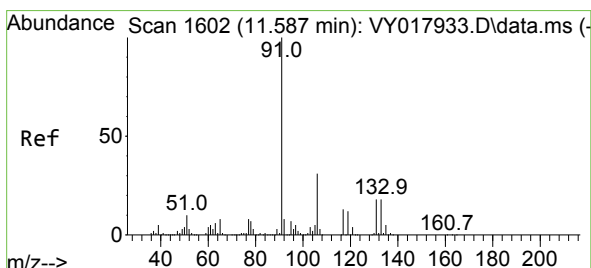
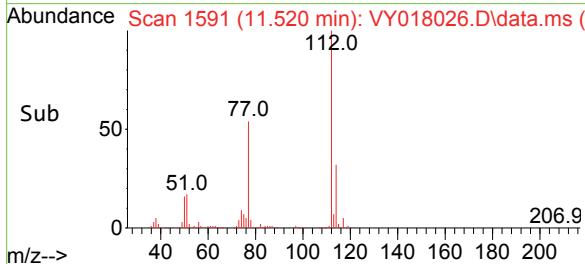
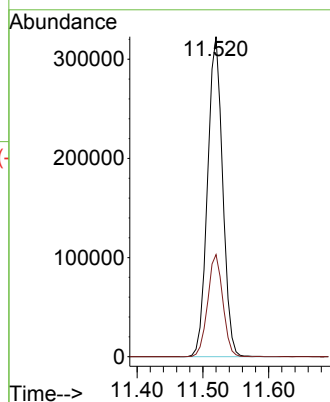
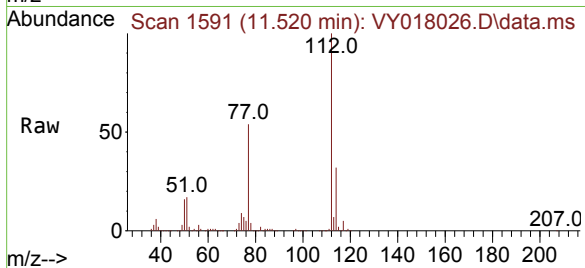
ClientSampleId :

Tgt Ion:112 Resp: 514990

Ion Ratio Lower Upper

112 100

114 31.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.334 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

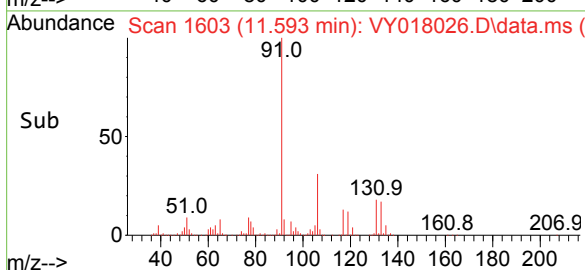
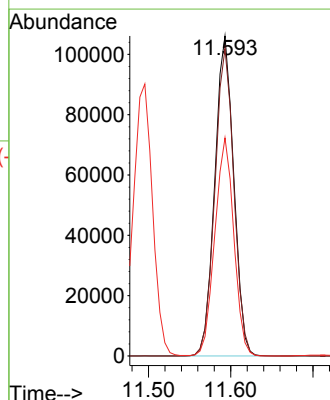
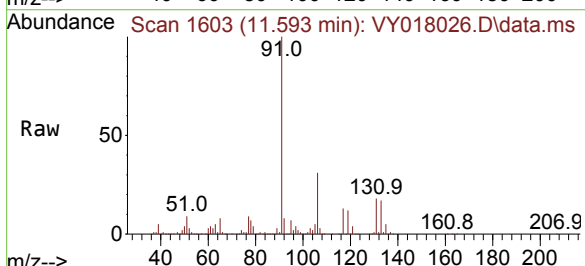
Tgt Ion:131 Resp: 170129

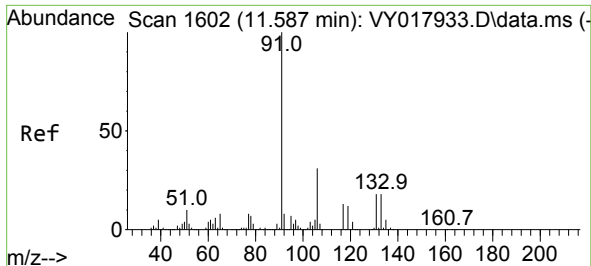
Ion Ratio Lower Upper

131 100

133 96.4 47.8 143.3

119 68.2 34.1 102.2

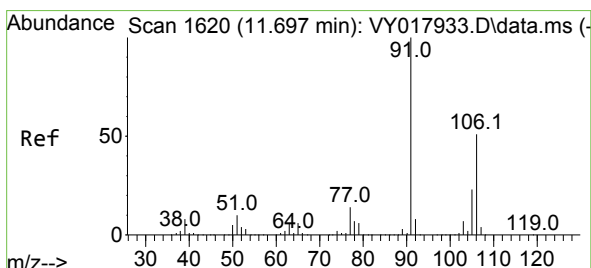
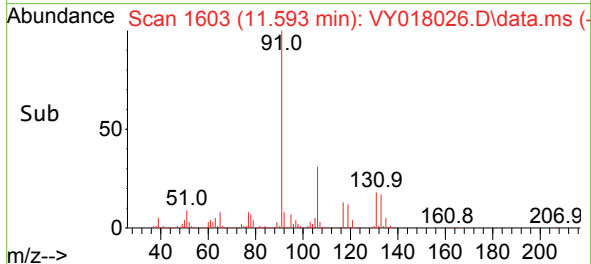
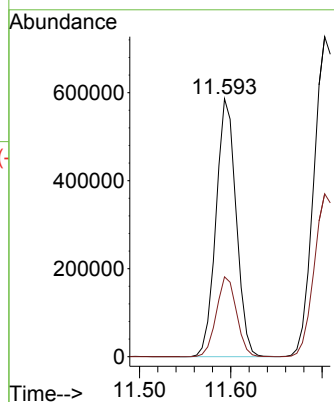
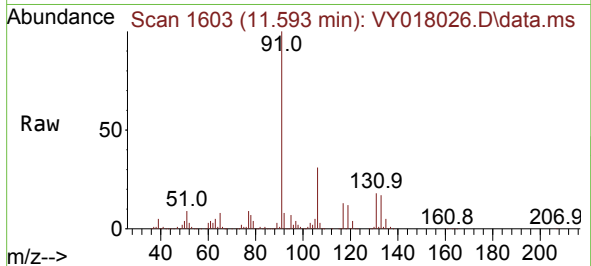




#67  
Ethyl Benzene  
Concen: 51.972 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

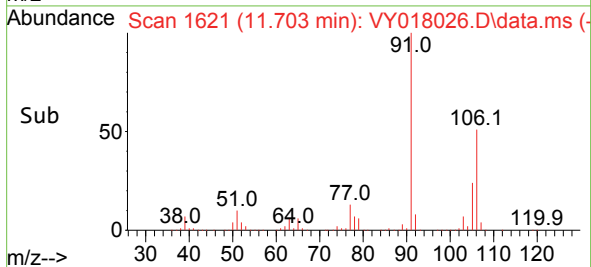
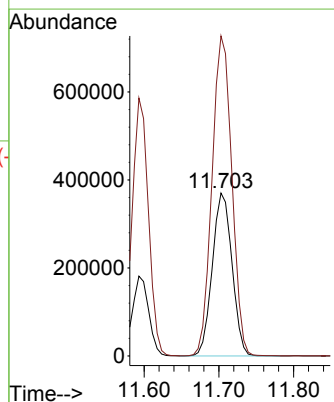
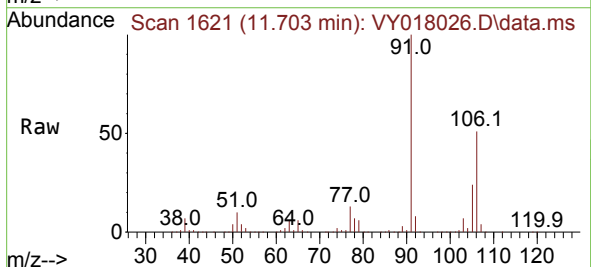
Instrument :  
MSVOA\_Y  
ClientSampleId :

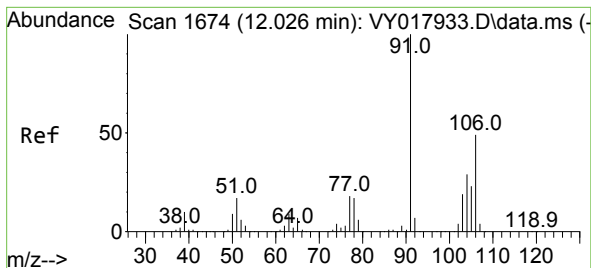
Tgt Ion: 91 Resp: 897009  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.5 36.7



#68  
m/p-Xylenes  
Concen: 102.099 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Tgt Ion:106 Resp: 676816  
Ion Ratio Lower Upper  
106 100  
91 198.0 156.0 234.0





#69

o-Xylene

Concen: 51.190 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

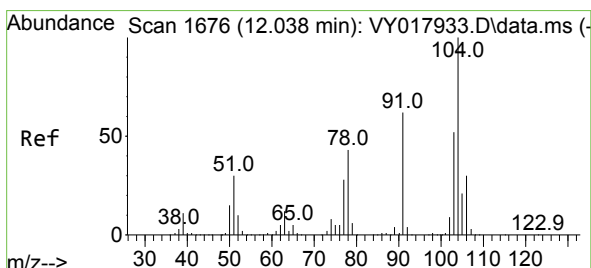
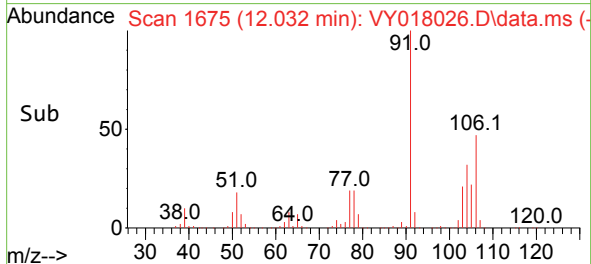
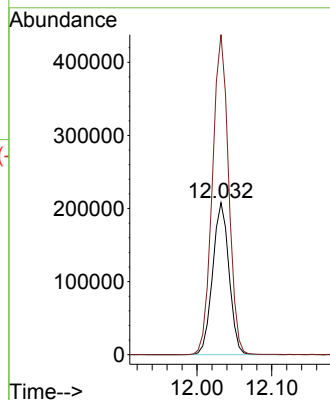
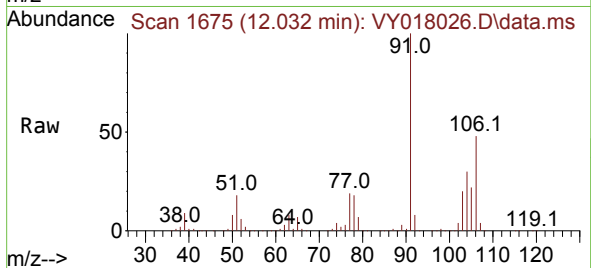
ClientSampleId :

Tgt Ion:106 Resp: 316895

Ion Ratio Lower Upper

106 100

91 208.6 103.6 310.8



#70

Styrene

Concen: 52.244 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

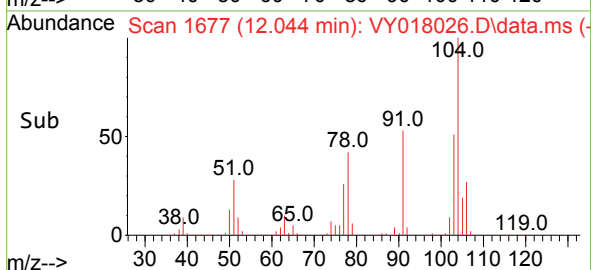
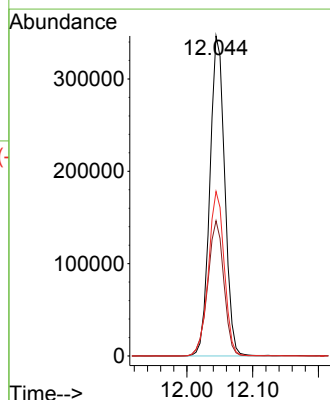
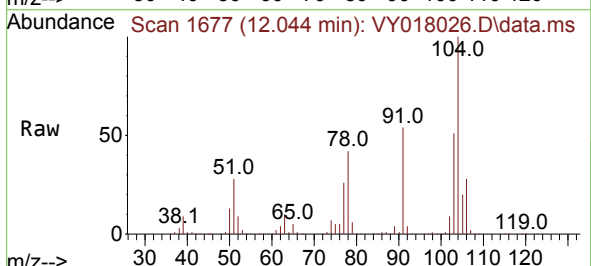
Tgt Ion:104 Resp: 546625

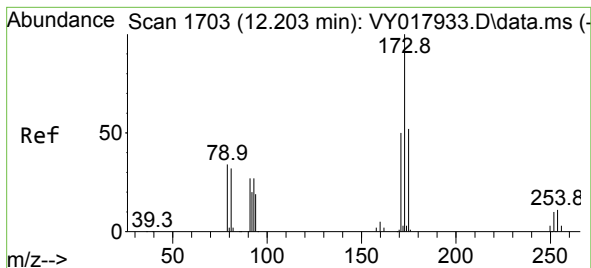
Ion Ratio Lower Upper

104 100

78 45.6 37.0 55.4

103 54.7 44.2 66.2





#71

Bromoform

Concen: 45.426 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

ClientSampleId :

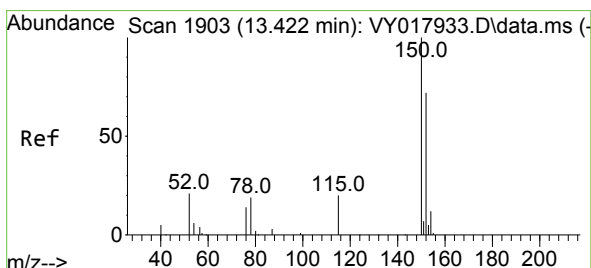
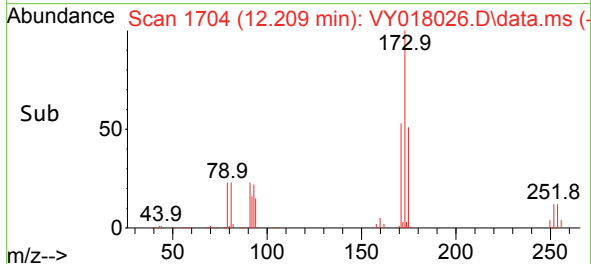
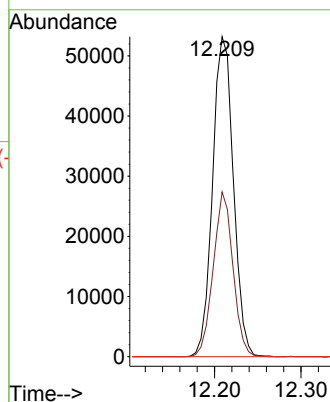
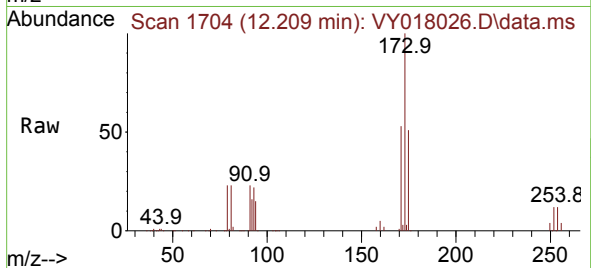
Tgt Ion:173 Resp: 88711

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

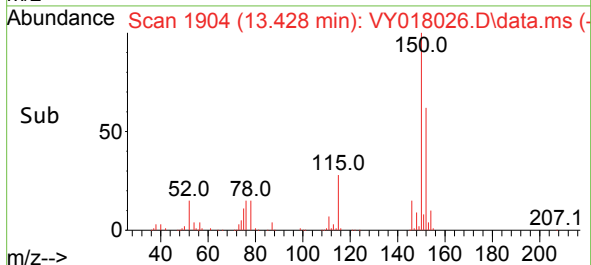
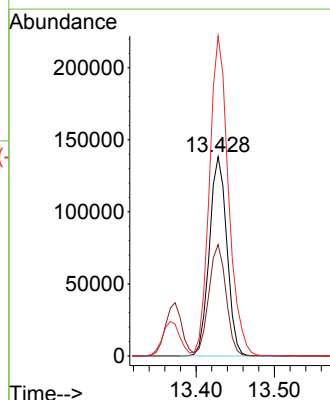
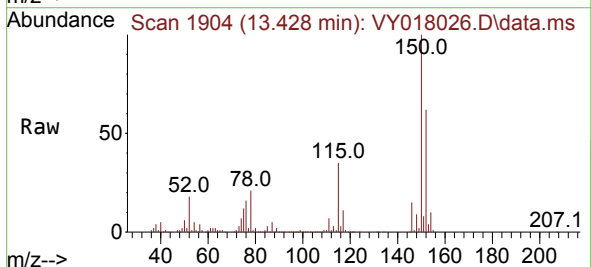
Tgt Ion:152 Resp: 214355

Ion Ratio Lower Upper

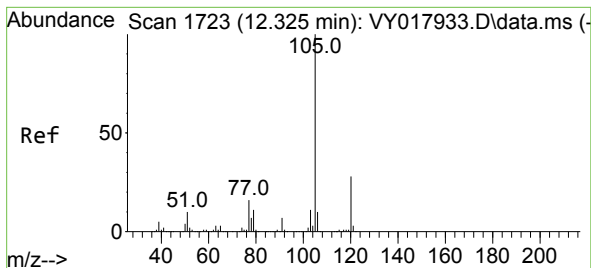
152 100

115 55.1 28.2 84.7

150 174.8 0.0 345.6







#73

Isopropylbenzene

Concen: 53.041 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

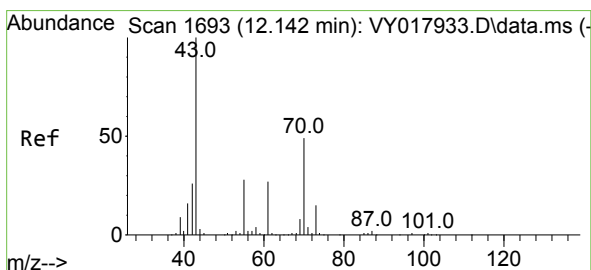
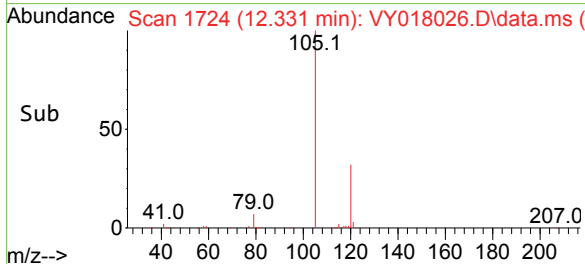
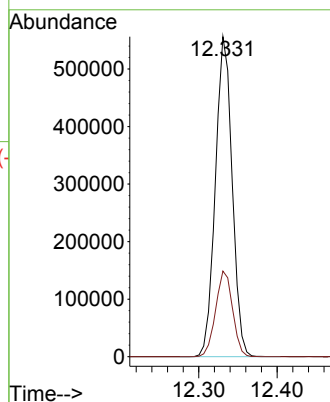
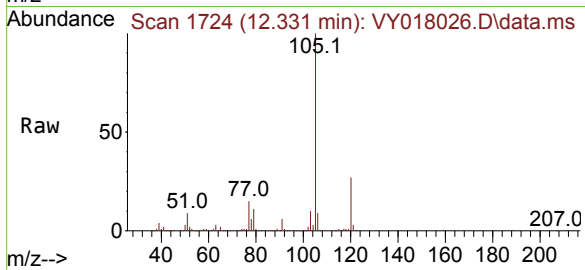
ClientSampleId :

Tgt Ion:105 Resp: 828453

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 48.710 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Tgt Ion: 43 Resp: 153580

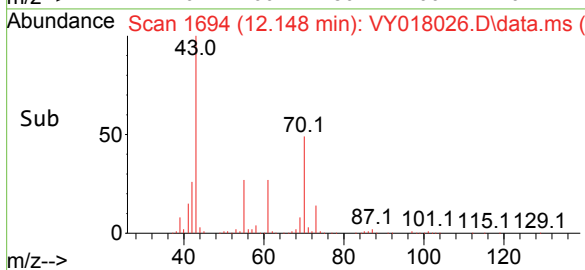
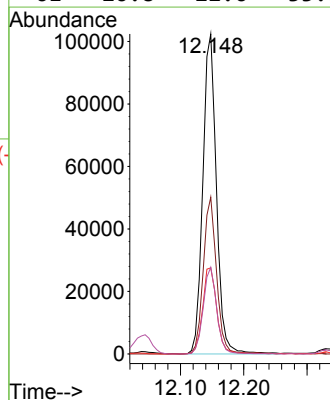
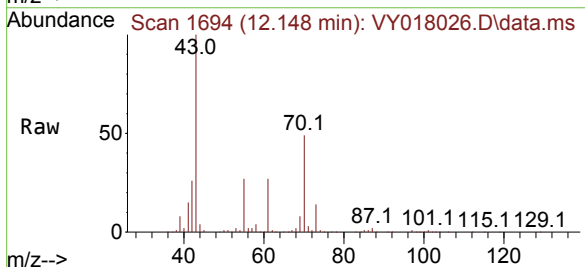
Ion Ratio Lower Upper

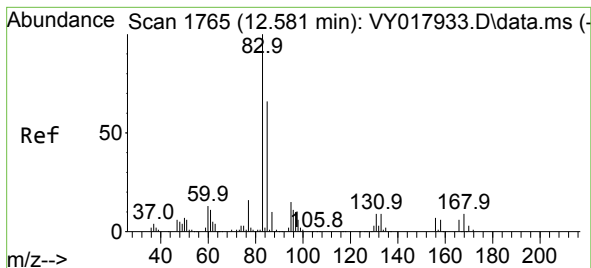
43 100

70 48.0 41.4 62.2

55 28.1 23.3 34.9

61 26.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.178 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

ClientSampleId :

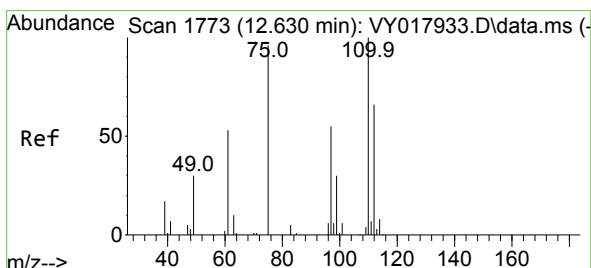
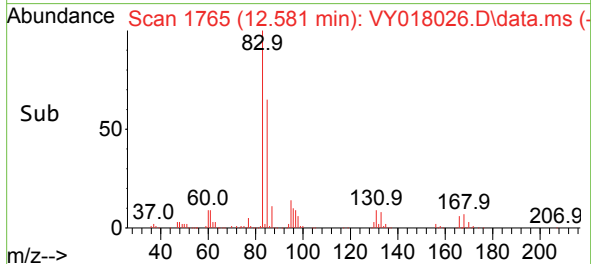
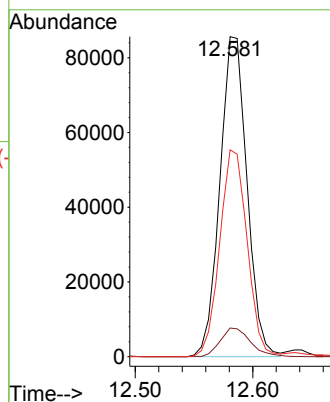
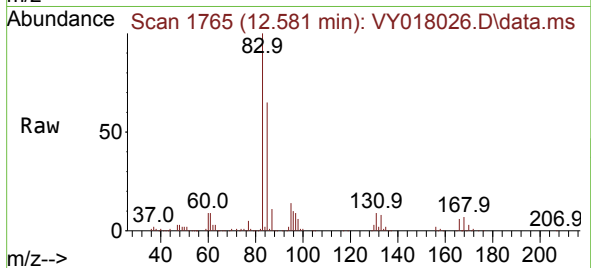
Tgt Ion: 83 Resp: 137432

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 65.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 81.973 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY018026.D

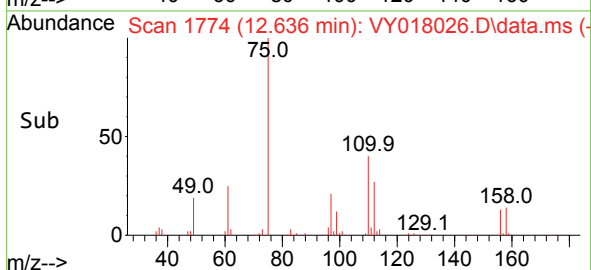
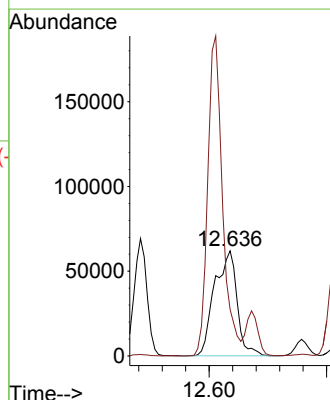
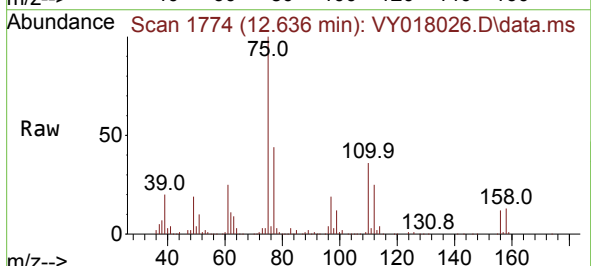
Acq: 23 Apr 2024 16:30

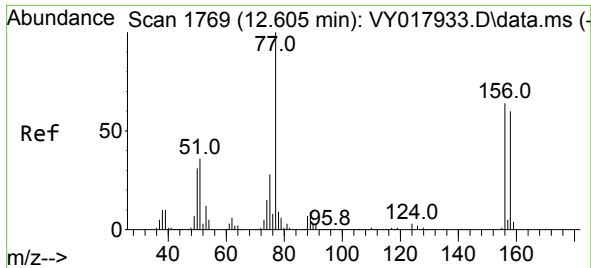
Tgt Ion: 75 Resp: 164887

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

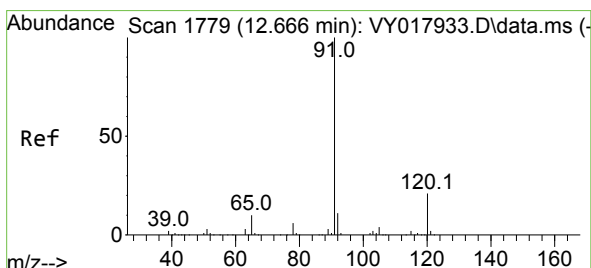
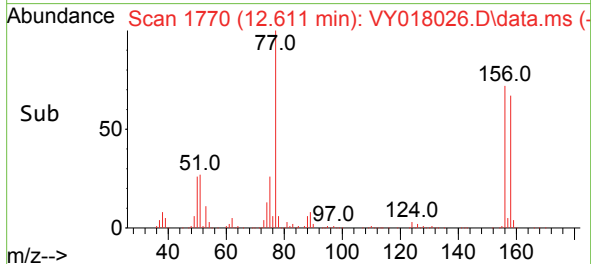
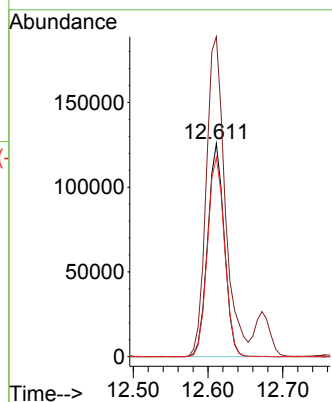
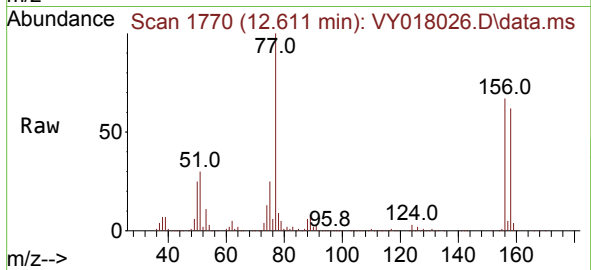




#77  
Bromobenzene  
Concen: 51.338 ug/l  
RT: 12.611 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

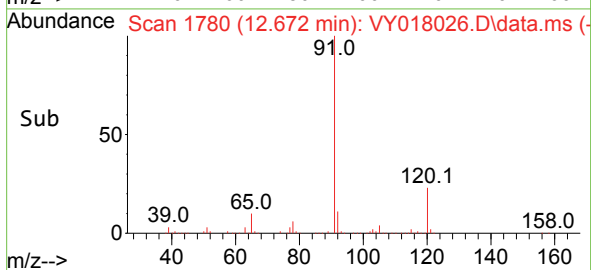
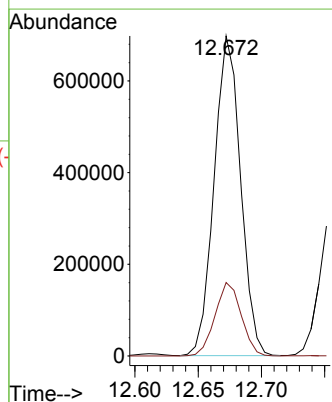
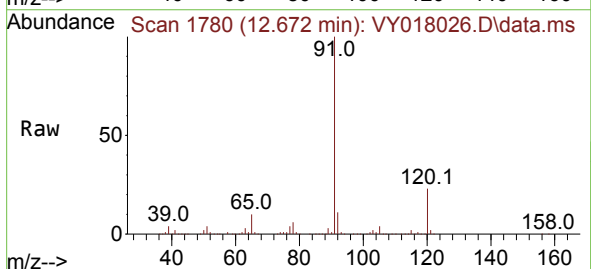
Instrument :  
MSVOA\_Y  
ClientSampleId :

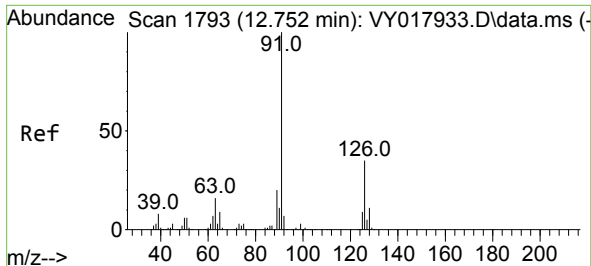
Tgt Ion:156 Resp: 194048  
Ion Ratio Lower Upper  
156 100  
77 170.7 87.1 261.3  
158 96.3 48.6 145.9



#78  
n-propylbenzene  
Concen: 53.406 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Tgt Ion: 91 Resp: 1012095  
Ion Ratio Lower Upper  
91 100  
120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.791 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

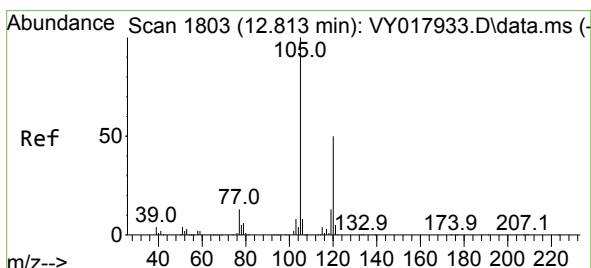
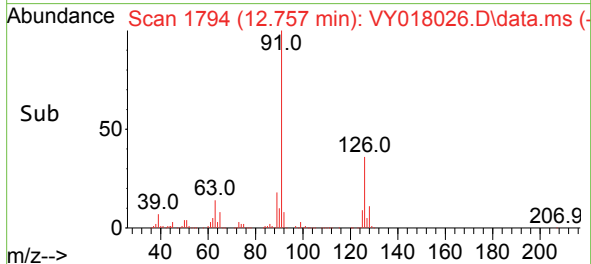
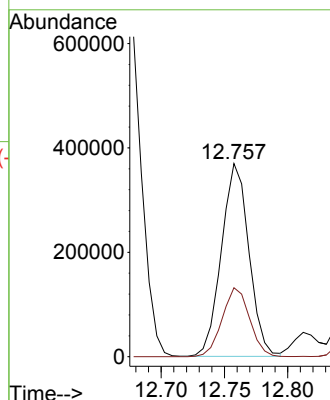
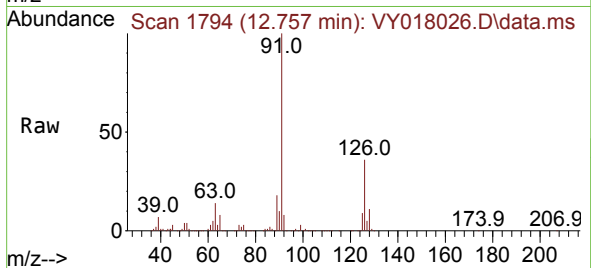
ClientSampleId :

Tgt Ion: 91 Resp: 559970

Ion Ratio Lower Upper

91 100

126 35.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 52.664 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018026.D

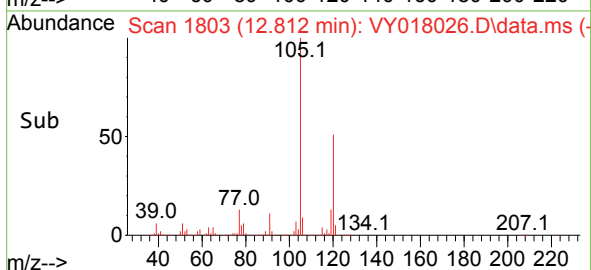
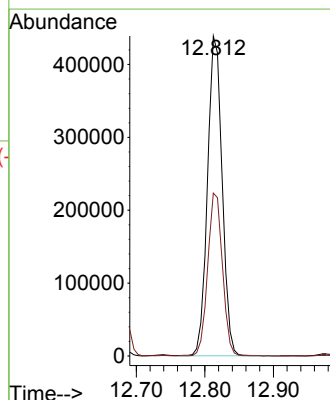
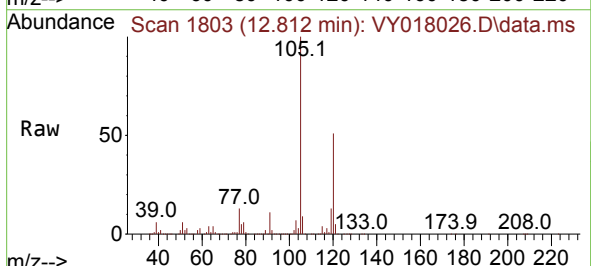
Acq: 23 Apr 2024 16:30

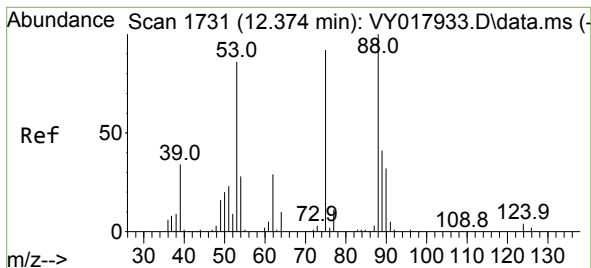
Tgt Ion:105 Resp: 652245

Ion Ratio Lower Upper

105 100

120 51.1 25.1 75.2

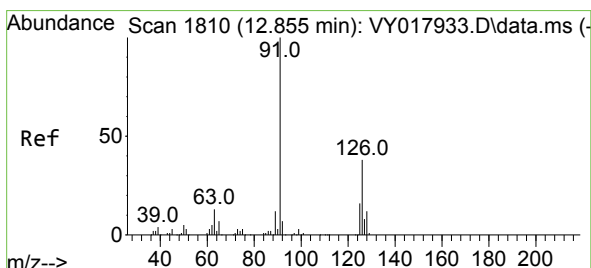
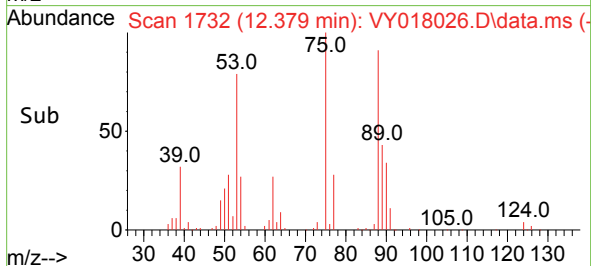
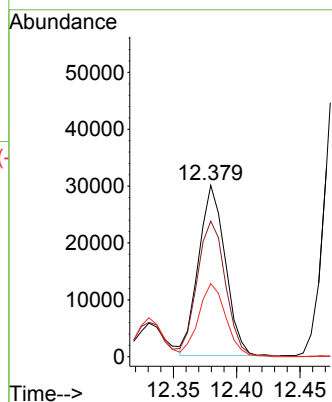
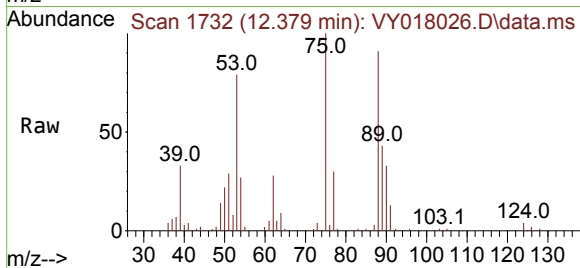




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.149 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

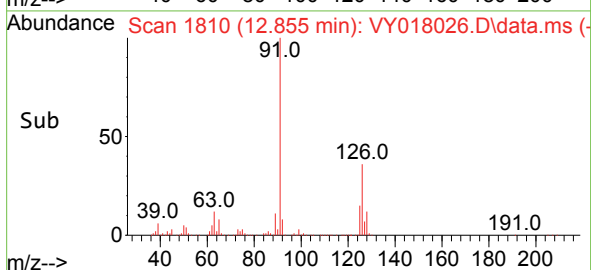
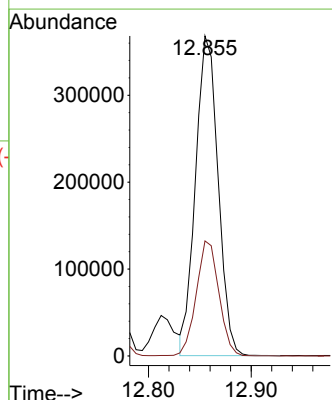
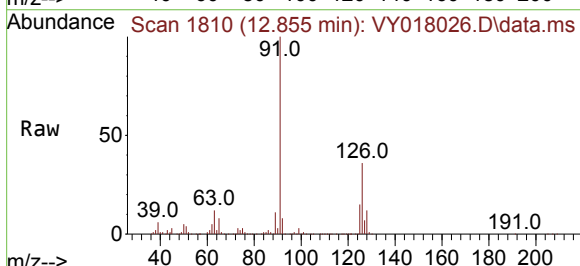
Instrument :  
MSVOA\_Y  
ClientSampleId :

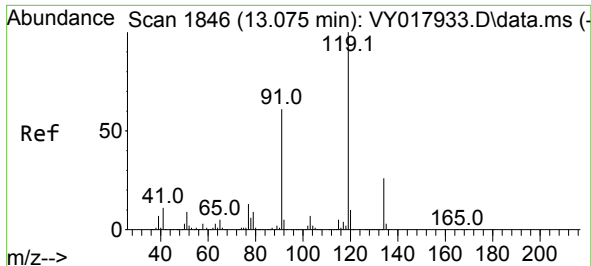
Tgt Ion: 75 Resp: 44047  
Ion Ratio Lower Upper  
75 100  
53 85.8 66.8 100.2  
89 44.0 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 51.123 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Tgt Ion: 91 Resp: 561628  
Ion Ratio Lower Upper  
91 100  
126 36.3 17.6 52.9

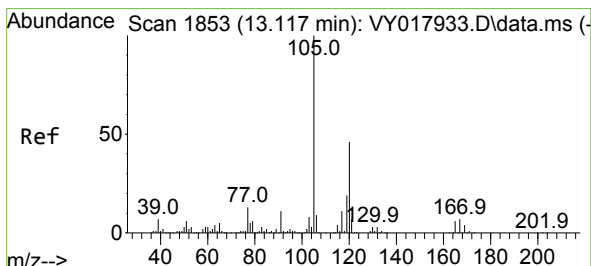
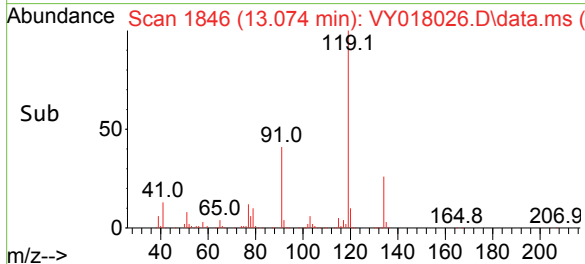
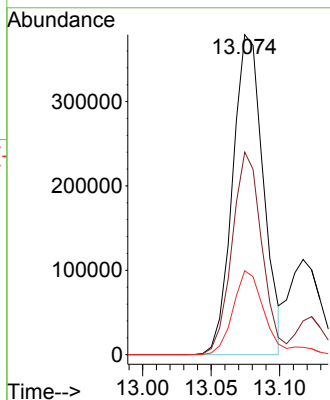
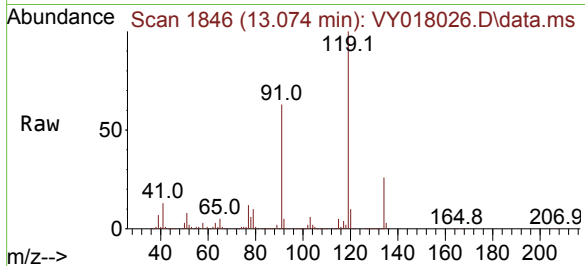




#83  
 tert-Butylbenzene  
 Concen: 52.209 ug/l  
 RT: 13.074 min Scan# 1846  
 Delta R.T. 0.000 min  
 Lab File: VY018026.D  
 Acq: 23 Apr 2024 16:30

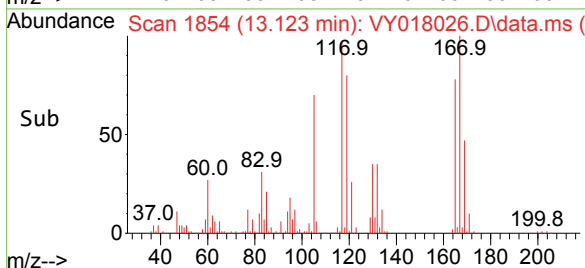
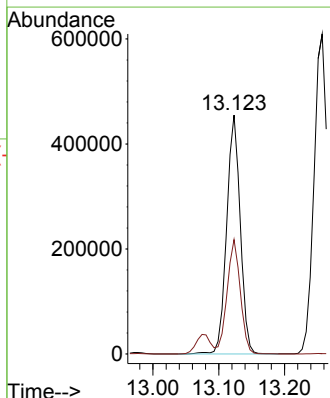
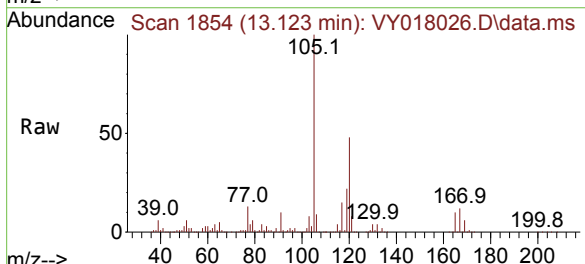
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

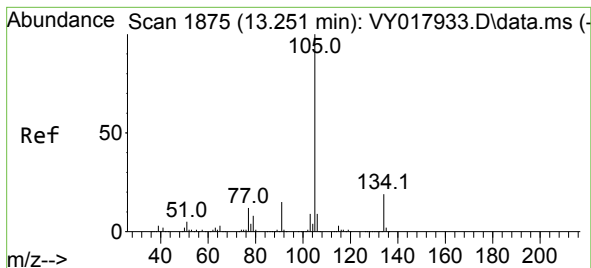
Tgt Ion:119 Resp: 590571  
 Ion Ratio Lower Upper  
 119 100  
 91 61.8 31.3 93.8  
 134 27.8 13.4 40.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.033 ug/l  
 RT: 13.123 min Scan# 1854  
 Delta R.T. 0.006 min  
 Lab File: VY018026.D  
 Acq: 23 Apr 2024 16:30

Tgt Ion:105 Resp: 654098  
 Ion Ratio Lower Upper  
 105 100  
 120 46.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.272 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

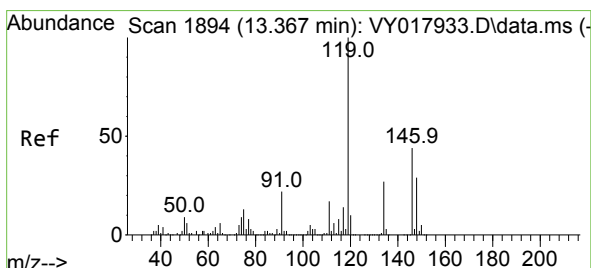
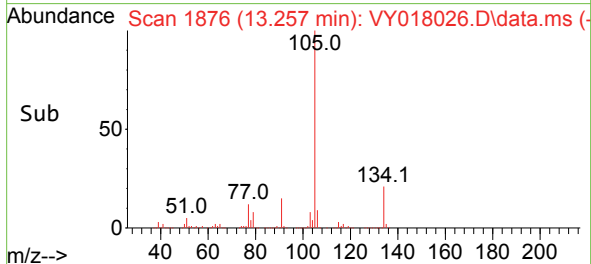
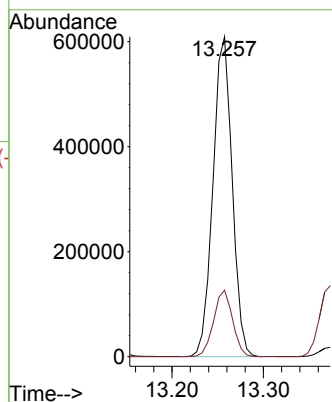
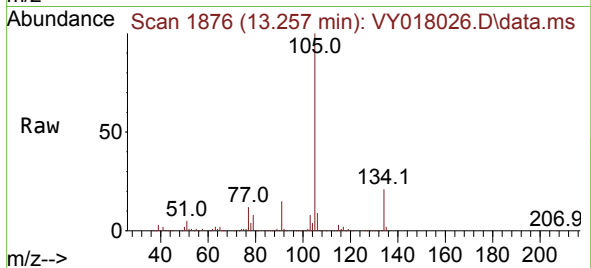
ClientSampleId :

Tgt Ion:105 Resp: 888124

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.299 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

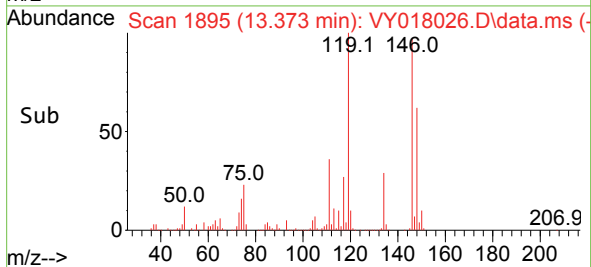
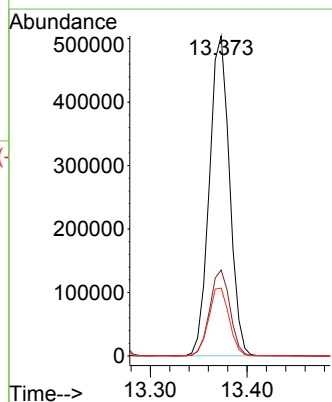
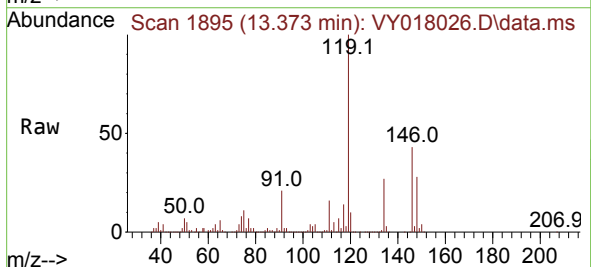
Tgt Ion:119 Resp: 730149

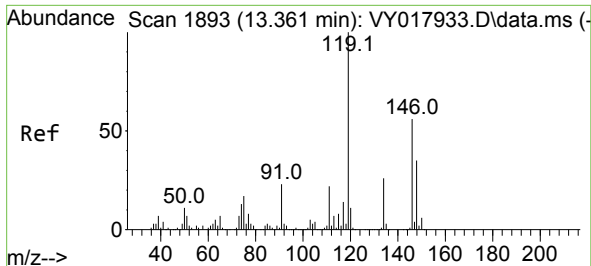
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 21.6 10.7 32.1

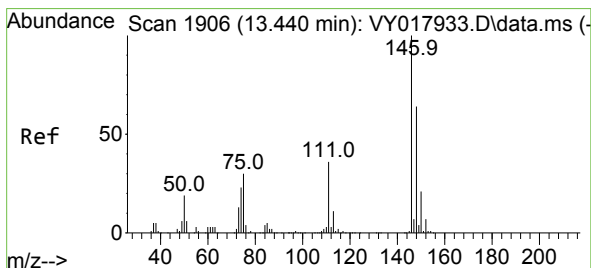
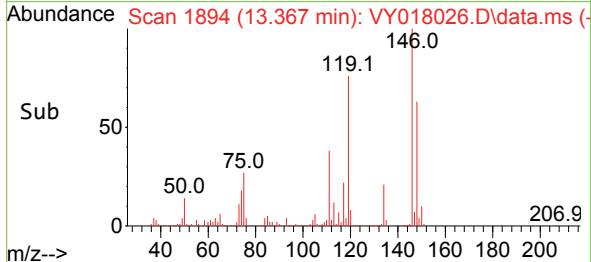
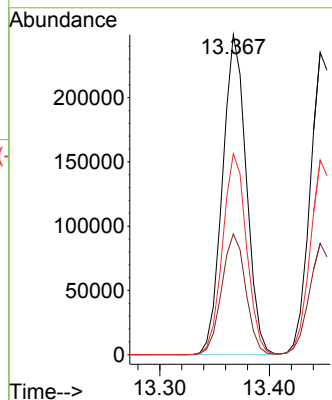
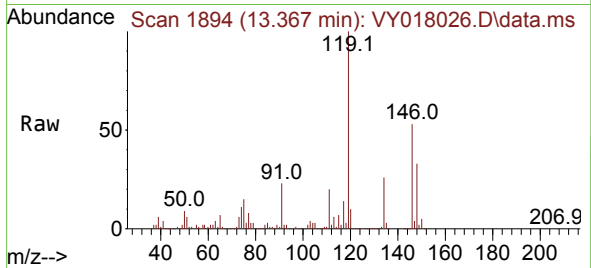




#87  
1,3-Dichlorobenzene  
Concen: 50.038 ug/l  
RT: 13.367 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

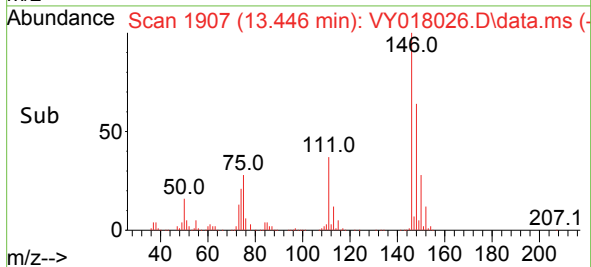
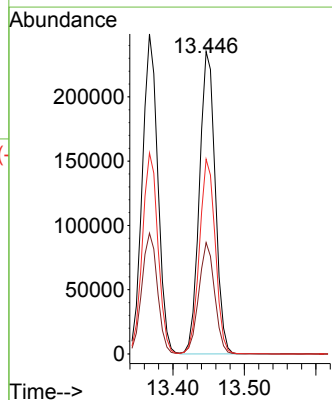
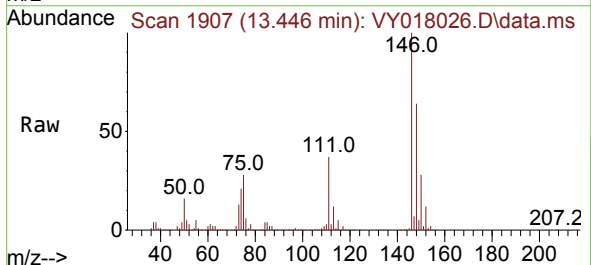
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:146 Resp: 375263  
Ion Ratio Lower Upper  
146 100  
111 38.1 19.0 57.0  
148 63.3 31.7 95.1

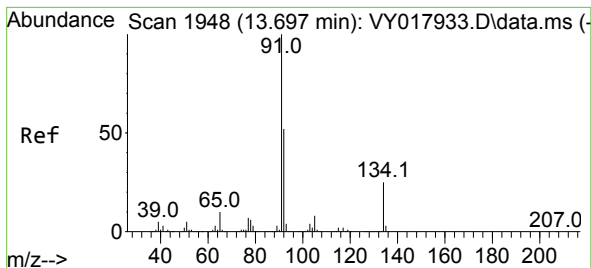


#88  
1,4-Dichlorobenzene  
Concen: 49.172 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY018026.D  
Acq: 23 Apr 2024 16:30

Tgt Ion:146 Resp: 362010  
Ion Ratio Lower Upper  
146 100  
111 36.7 18.4 55.4  
148 64.4 32.4 97.2







#89

n-Butylbenzene

Concen: 52.156 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

ClientSampleId :

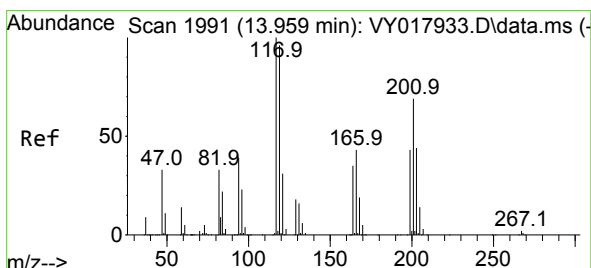
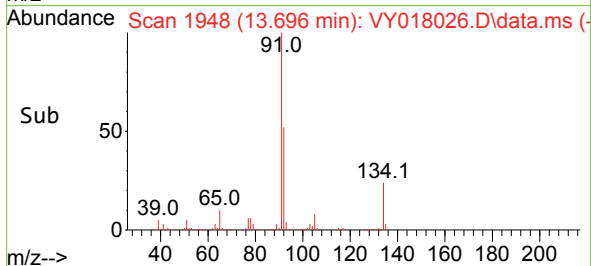
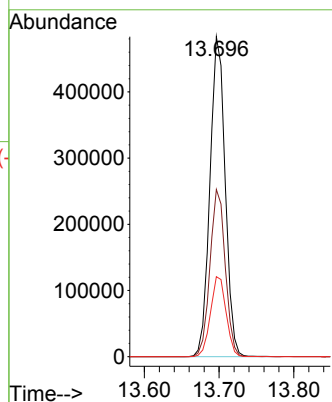
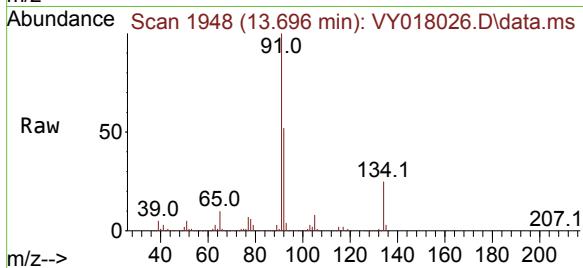
Tgt Ion: 91 Resp: 685043

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

134 25.6 12.9 38.7



#90

Hexachloroethane

Concen: 52.357 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY018026.D

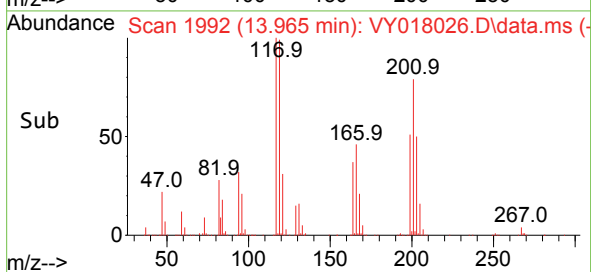
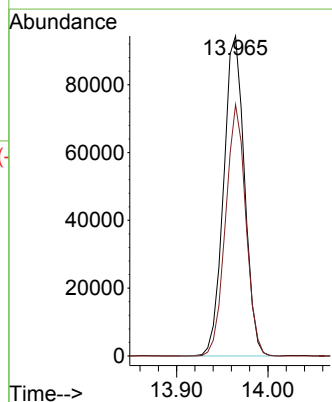
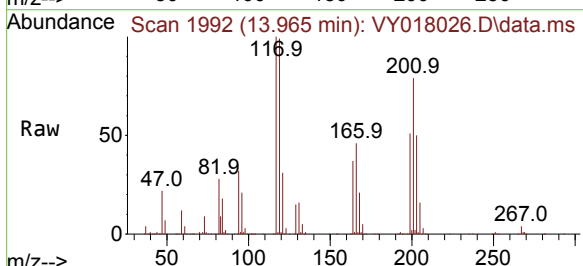
Acq: 23 Apr 2024 16:30

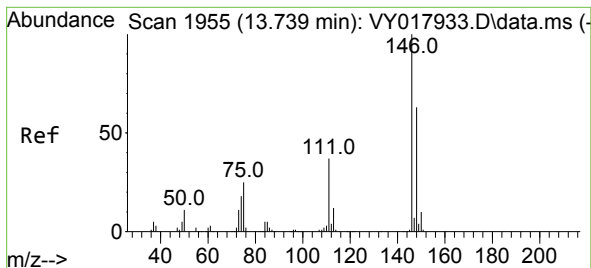
Tgt Ion: 117 Resp: 149887

Ion Ratio Lower Upper

117 100

201 76.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 49.442 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

ClientSampleId :

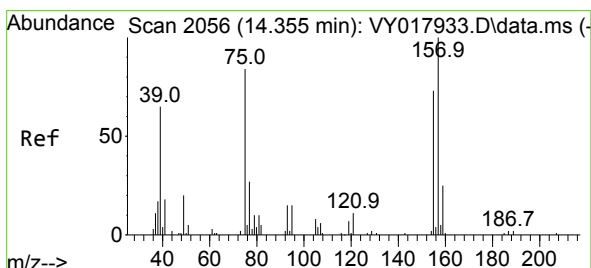
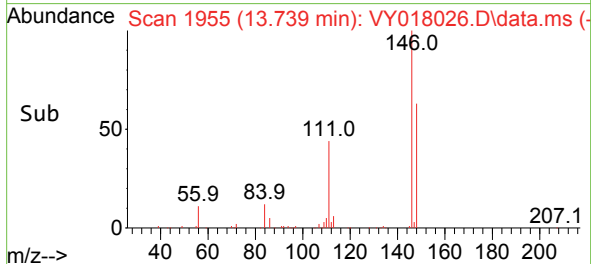
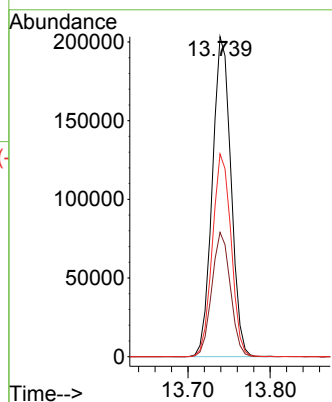
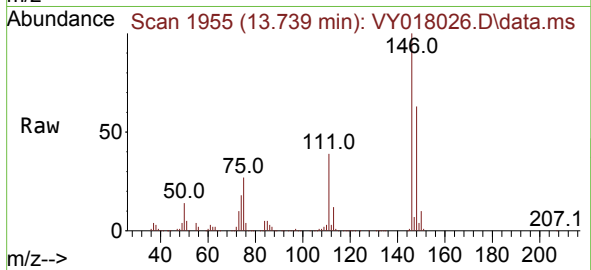
Tgt Ion:146 Resp: 319898

Ion Ratio Lower Upper

146 100

111 38.7 19.9 59.7

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.279 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

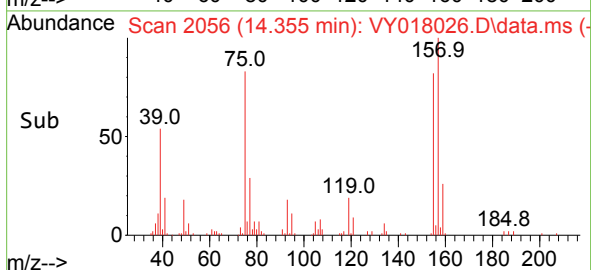
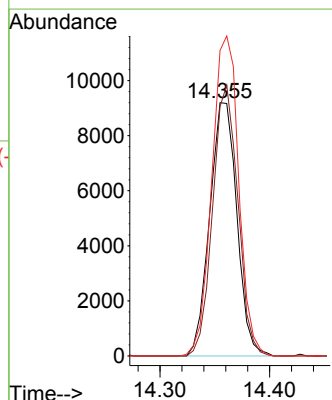
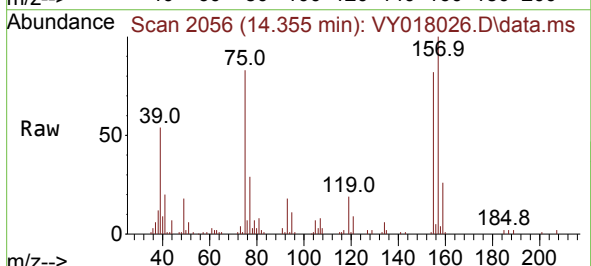
Tgt Ion: 75 Resp: 15842

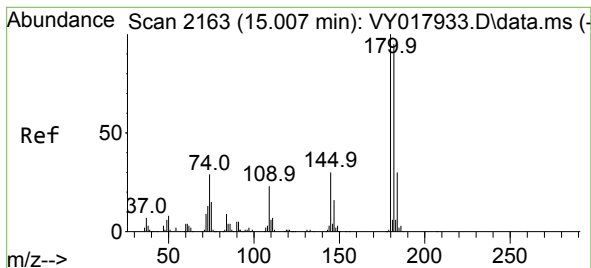
Ion Ratio Lower Upper

75 100

155 98.9 48.6 145.8

157 124.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 44.729 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

ClientSampleId :

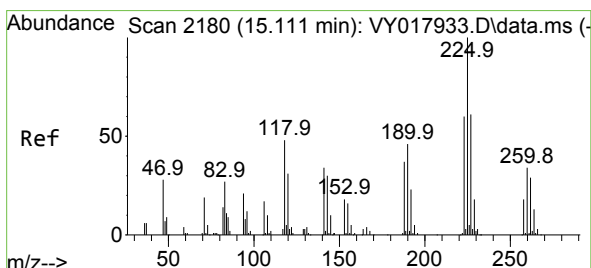
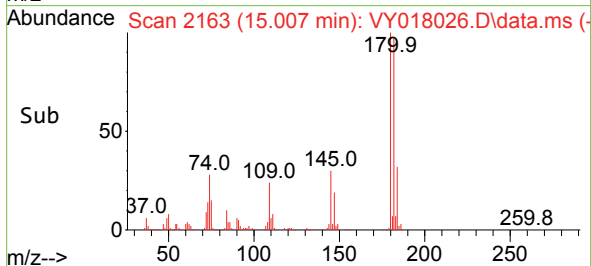
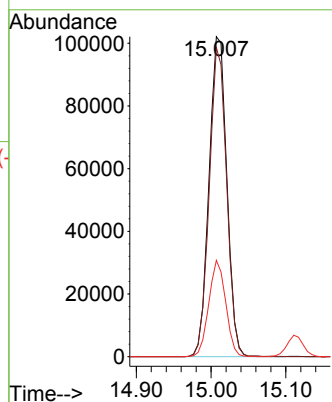
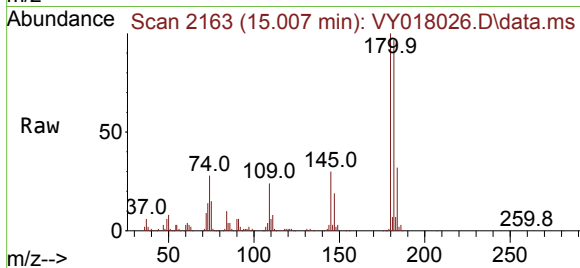
Tgt Ion:180 Resp: 168533

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.8

145 28.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.755 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

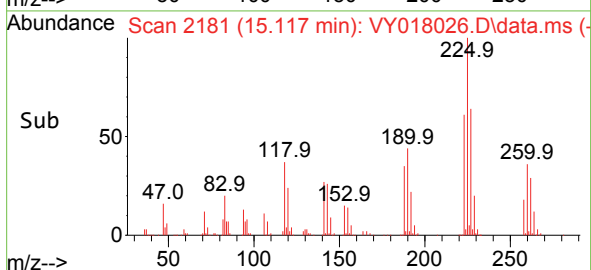
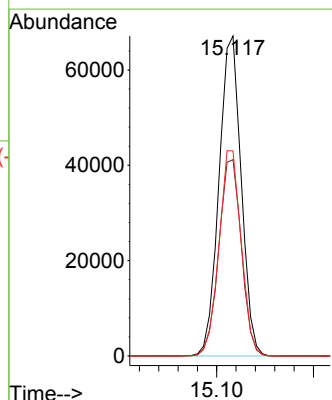
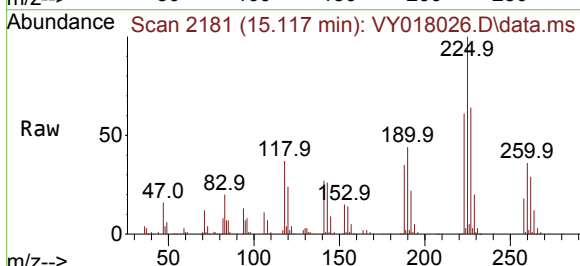
Tgt Ion:225 Resp: 106741

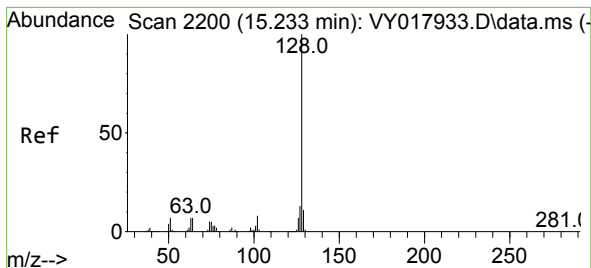
Ion Ratio Lower Upper

225 100

223 62.3 30.4 91.2

227 64.3 31.9 95.9





#95

Naphthalene

Concen: 43.770 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Instrument :

MSVOA\_Y

ClientSampleId :

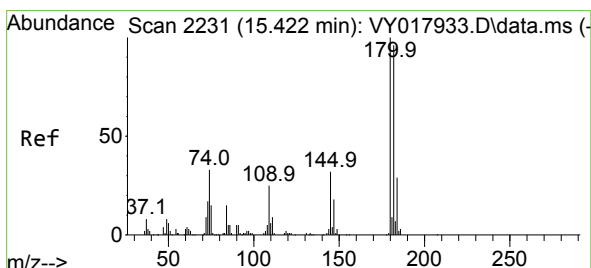
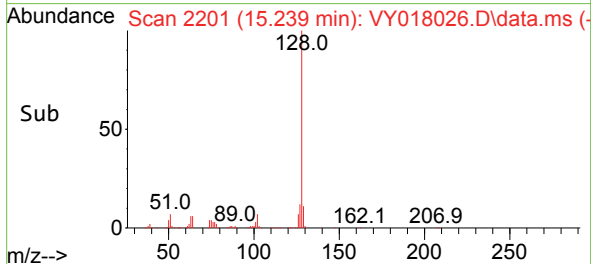
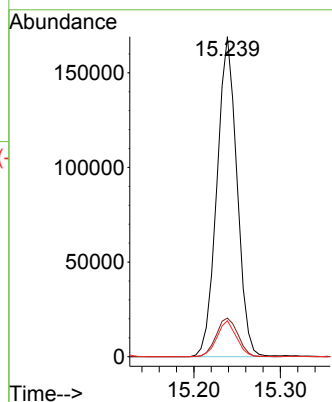
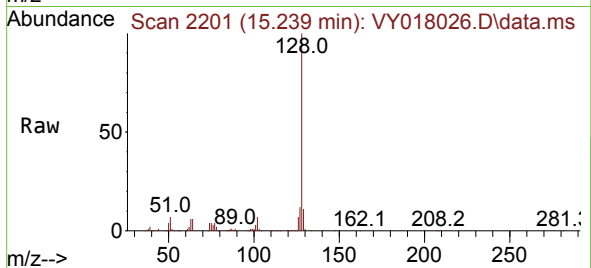
Tgt Ion:128 Resp: 271764

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.635 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018026.D

Acq: 23 Apr 2024 16:30

Tgt Ion:180 Resp: 141117

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.9

145 30.2 15.4 46.1

