

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY071023\  
 Data File : VY014618.D  
 Acq On : 10 Jul 2023 16:23  
 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: Jul 11 03:19:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y063023S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 30 19:02:11 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 310067   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 451383   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 415083   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 229161   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 155983   | 50.570   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 101.140% |      |
| 35) Dibromofluoromethane    | 7.710  | 113   | 150519   | 54.150   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 108.300% |      |
| 50) Toluene-d8              | 10.173 | 98    | 572403   | 52.092   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 104.180% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 201690   | 52.860   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 105.720% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 117527  | 53.216  | ug/l   | 100 |
| 3) Chloromethane             | 2.107 | 50  | 180312  | 50.212  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.247 | 62  | 224587  | 54.259  | ug/l   | 97  |
| 5) Bromomethane              | 2.638 | 94  | 164598  | 51.283  | ug/l   | 100 |
| 6) Chloroethane              | 2.784 | 64  | 148853  | 55.851  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 272991  | 54.304  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.522 | 74  | 97432   | 51.186  | ug/l   | 87  |
| 9) 1,1,2-Trichlorotrifluo... | 3.887 | 101 | 167564  | 55.817  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.082 | 142 | 191209  | 55.815  | ug/l   | 92  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 116109  | 214.512 | ug/l # | 80  |
| 12) 1,1-Dichloroethene       | 3.857 | 96  | 156366  | 53.766  | ug/l   | 89  |
| 13) Acrolein                 | 3.717 | 56  | 63380   | 154.730 | ug/l   | 100 |
| 14) Allyl chloride           | 4.466 | 41  | 229349  | 52.321  | ug/l   | 87  |
| 15) Acrylonitrile            | 5.155 | 53  | 280906  | 257.071 | ug/l   | 99  |
| 16) Acetone                  | 3.942 | 43  | 225607  | 234.212 | ug/l # | 86  |
| 17) Carbon Disulfide         | 4.186 | 76  | 458252  | 51.706  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.473 | 43  | 220912  | 50.380  | ug/l # | 90  |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 467241  | 55.900  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.704 | 84  | 203858  | 59.610  | ug/l   | 88  |
| 21) trans-1,2-Dichloroethene | 5.204 | 96  | 176361  | 53.573  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.113 | 45  | 468742  | 51.896  | ug/l # | 90  |
| 23) Vinyl Acetate            | 6.052 | 43  | 1381350 | 264.334 | ug/l # | 94  |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 294134  | 51.873  | ug/l   | 98  |
| 25) 2-Butanone               | 6.978 | 43  | 341566  | 239.479 | ug/l   | 92  |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 229480  | 47.481  | ug/l   | 94  |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 195149  | 52.259  | ug/l   | 89  |
| 28) Bromochloromethane       | 7.326 | 49  | 118496  | 49.768  | ug/l   | 84  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 233166  | 253.446 | ug/l   | 89  |
| 30) Chloroform               | 7.496 | 83  | 309315  | 52.293  | ug/l   | 96  |
| 31) Cyclohexane              | 7.777 | 56  | 242226  | 50.055  | ug/l   | 92  |
| 32) 1,1,1-Trichloroethane    | 7.698 | 97  | 262677  | 51.954  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 224372  | 52.710  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.070 | 43  | 149670  | 51.270  | ug/l # | 92  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 244200  | 54.955  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.179 | 83  | 285666  | 56.144  | ug/l   | 92  |
| 40) Benzene                  | 8.155 | 78  | 672671  | 52.204  | ug/l   | 99  |

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 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jul 11 03:19:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y063023S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 30 19:02:11 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 205540   | 144.120  | ug/l # | 17       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 204996   | 54.126   | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 256025   | 51.751   | ug/l # | 91       |
| 44) Trichloroethene           | 8.935  | 130  | 193367   | 53.829   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.210  | 63   | 177923   | 53.825   | ug/l   | 97       |
| 46) Dibromomethane            | 9.301  | 93   | 107062   | 53.202   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.490  | 83   | 243641   | 54.949   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 121991   | 54.225   | ug/l # | 81       |
| 49) 1,4-Dioxane               | 9.289  | 88   | 37731    | 1049.990 | ug/l # | 52       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 775806   | 264.882  | ug/l   | 89       |
| 52) Toluene                   | 10.240 | 92   | 431946   | 53.270   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 258568   | 54.532   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 286607   | 54.176   | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 159040   | 54.313   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 216310   | 54.305   | ug/l # | 80       |
| 57) 1,3-Dichloropropane       | 10.789 | 76   | 253458   | 53.123   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.777  | 63   | 508765   | 263.653  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.831 | 43   | 565559   | 267.315  | ug/l   | 87       |
| 60) Dibromochloromethane      | 10.984 | 129  | 189902   | 55.347   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 155425   | 54.368   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.715 | 164  | 201404   | 54.278   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.514 | 112  | 482338   | 54.527   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 183299   | 54.520   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.587 | 91   | 832383   | 55.180   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.697 | 106  | 652846   | 109.105  | ug/l   | 94       |
| 69) o-Xylene                  | 12.026 | 106  | 314962   | 55.498   | ug/l   | 95       |
| 70) Styrene                   | 12.038 | 104  | 547545   | 56.077   | ug/l   | 97       |
| 71) Bromoform                 | 12.203 | 173  | 146253   | 57.259   | ug/l   | 100      |
| 73) Isopropylbenzene          | 12.325 | 105  | 827891   | 55.162   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.142 | 43   | 241210   | 53.251   | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 205625   | 53.389   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 260780   | 96.976   | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 216693   | 52.862   | ug/l   | 93       |
| 78) n-propylbenzene           | 12.666 | 91   | 988094   | 53.971   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.752 | 91   | 555858   | 52.758   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 709610   | 55.850   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.374 | 75   | 69837    | 50.549   | ug/l   | 86       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 576416   | 52.221   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.069 | 119  | 608738   | 54.515   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 701899   | 55.361   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 898795   | 54.547   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 751584   | 54.200   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 431505   | 53.838   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 429584   | 53.482   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.697 | 91   | 706579   | 55.137   | ug/l   | 98       |
| 90) Hexachloroethane          | 13.959 | 117  | 149134   | 54.294   | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 397396   | 54.738   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 37564    | 53.272   | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 276992   | 59.071   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 169905   | 58.954   | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 574320   | 57.568   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 251925   | 58.964   | ug/l   | 98       |

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Sample : VSTDCCC050  
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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jul 11 03:19:45 2023  
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Quant Title : SW846 8260  
QLast Update : Fri Jun 30 19:02:11 2023  
Response via : Initial Calibration

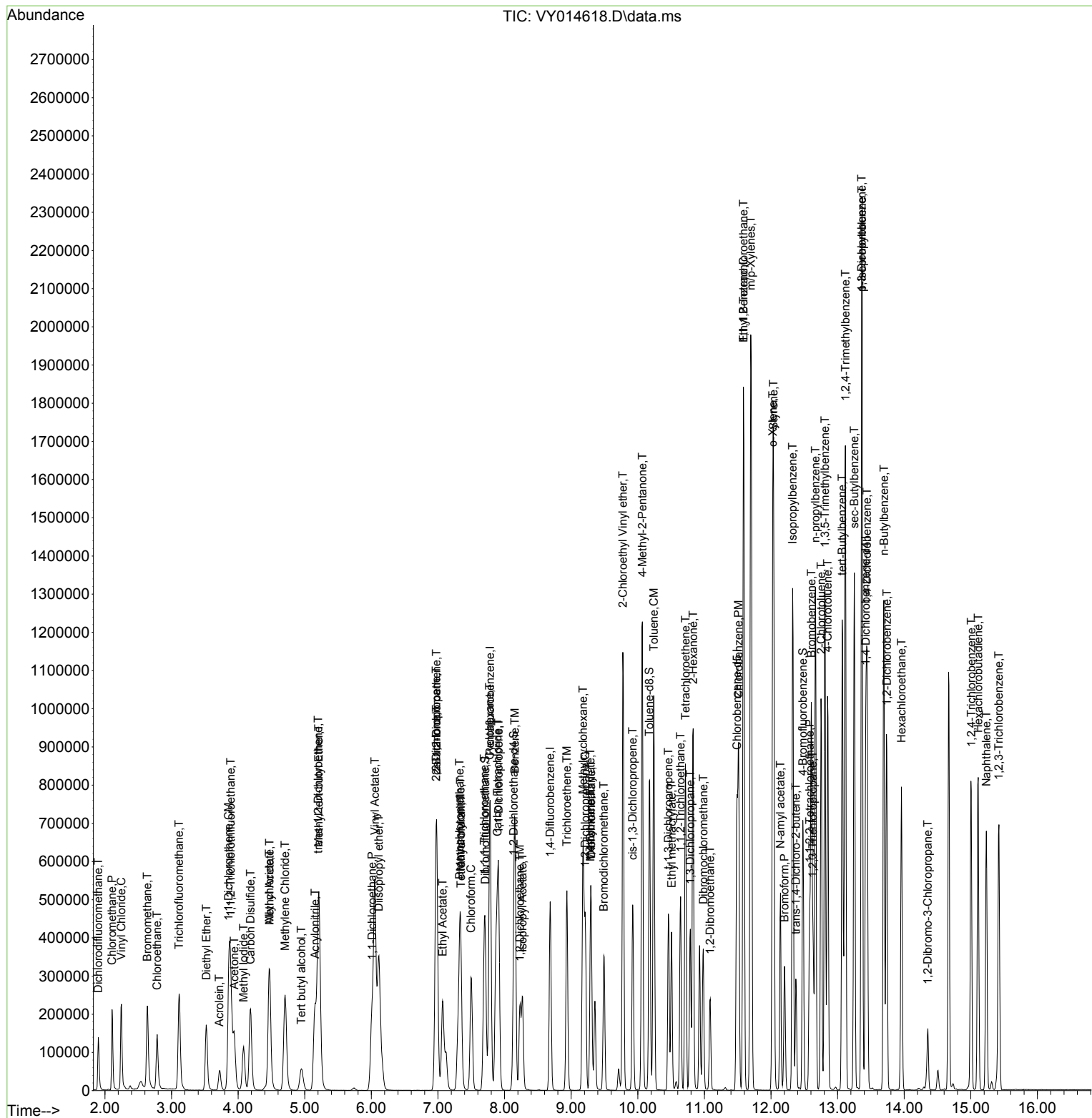
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

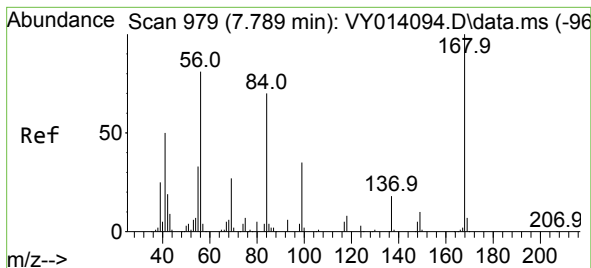
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Sample : VSTDCCC050  
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ALS Vial : 13 Sample Multiplier: 1

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

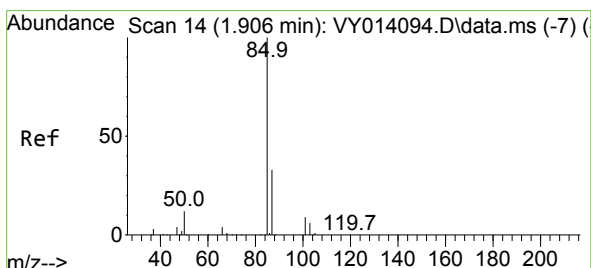
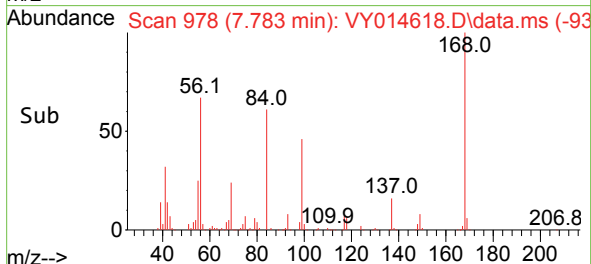
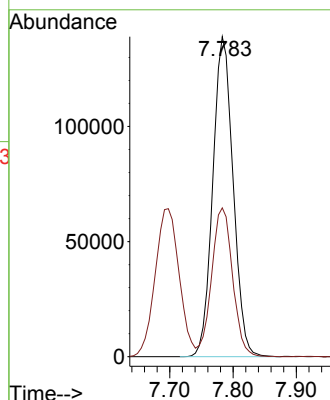
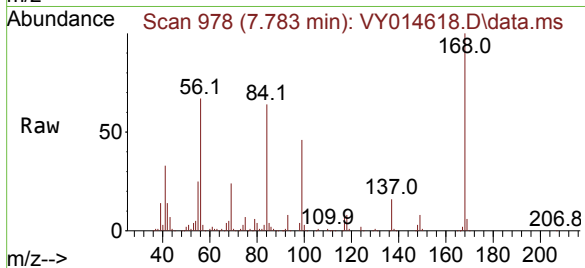
ClientSampleId :

Tgt Ion:168 Resp: 310067

Ion Ratio Lower Upper

168 100

99 46.5 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 53.216 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY014618.D

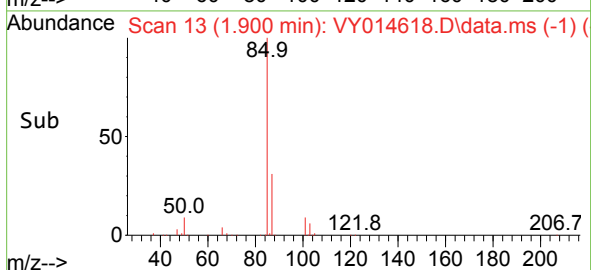
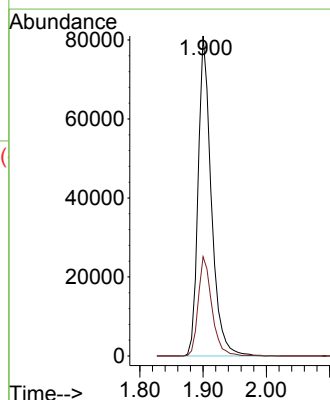
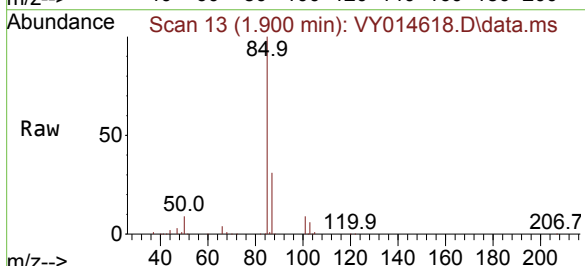
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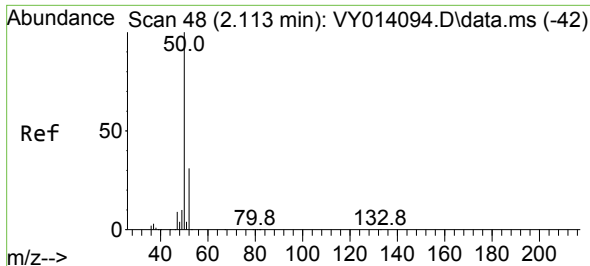
Tgt Ion: 85 Resp: 117527

Ion Ratio Lower Upper

85 100

87 31.0 15.6 46.8

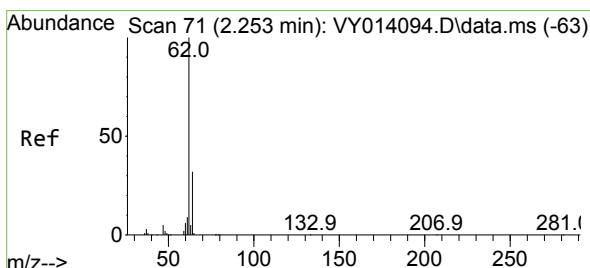
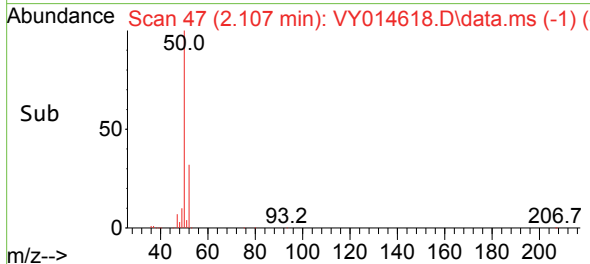
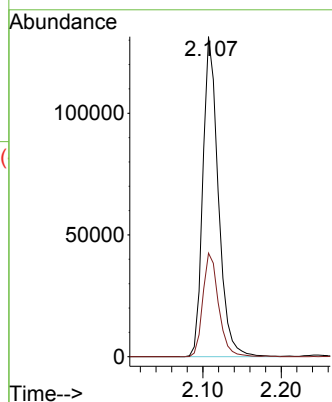
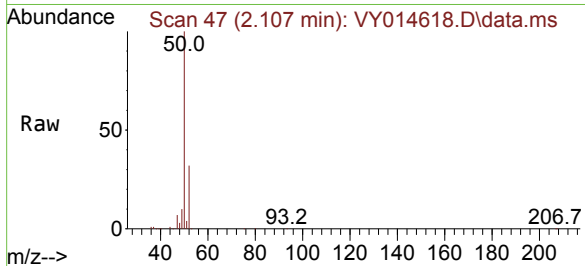




#3  
Chloromethane  
Concen: 50.212 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

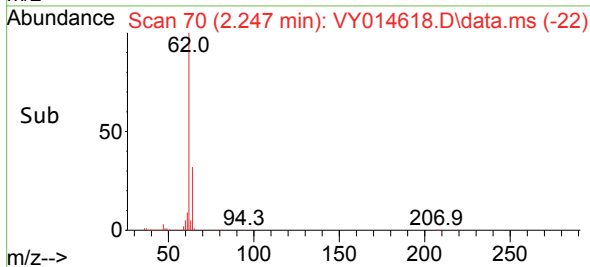
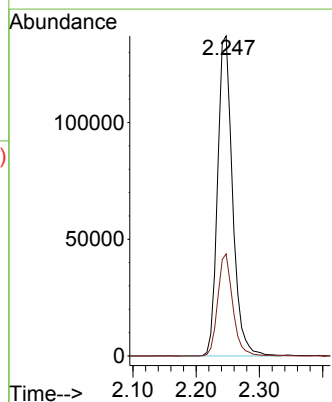
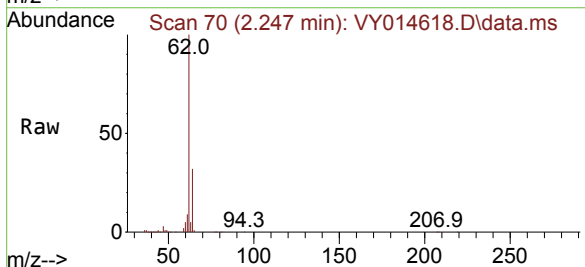
Instrument :  
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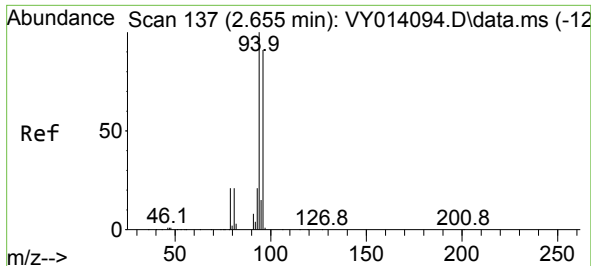
Tgt Ion: 50 Resp: 180312  
Ion Ratio Lower Upper  
50 100  
52 32.3 25.4 38.2



#4  
Vinyl Chloride  
Concen: 54.259 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion: 62 Resp: 224587  
Ion Ratio Lower Upper  
62 100  
64 31.9 24.3 36.5

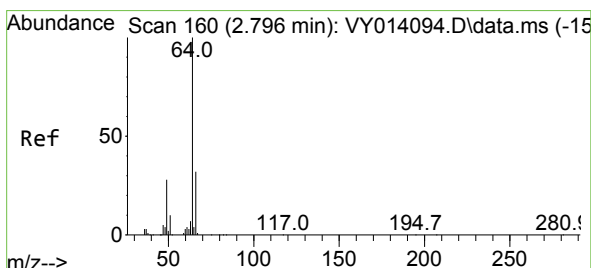
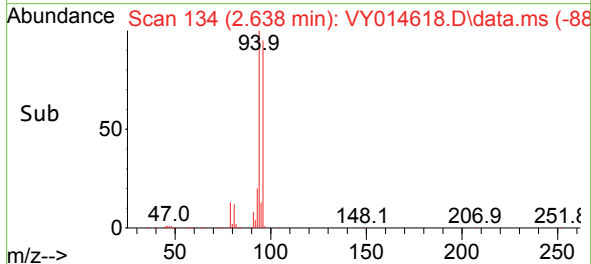
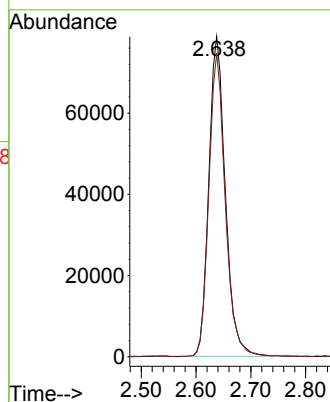
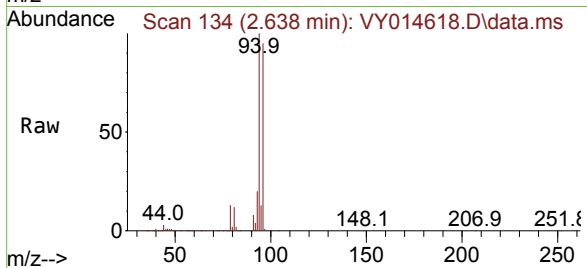




#5  
Bromomethane  
Concen: 51.283 ug/l  
RT: 2.638 min Scan# 11  
Delta R.T. -0.017 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

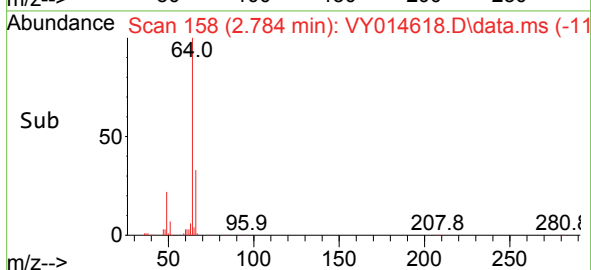
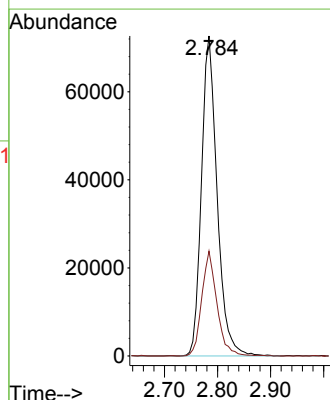
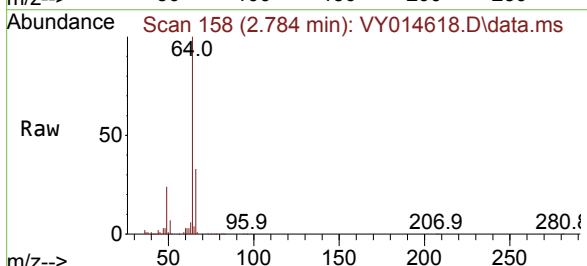
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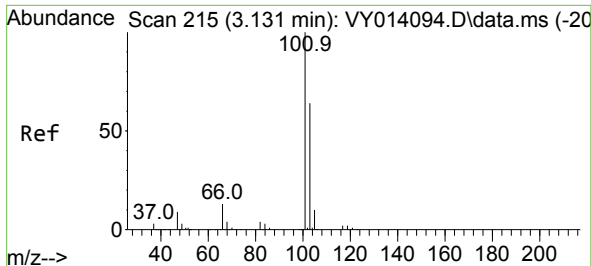
Tgt Ion: 94 Resp: 164598  
Ion Ratio Lower Upper  
94 100  
96 95.0 75.8 113.6



#6  
Chloroethane  
Concen: 55.851 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.012 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

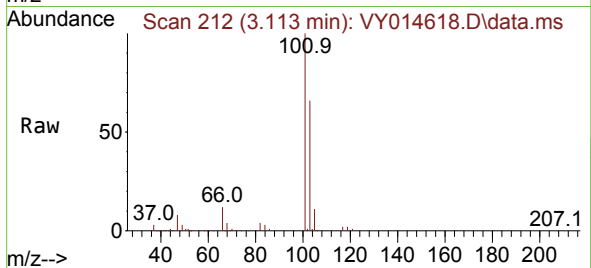
Tgt Ion: 64 Resp: 148853  
Ion Ratio Lower Upper  
64 100  
66 32.8 24.4 36.6



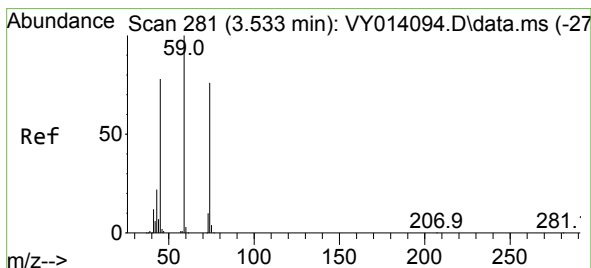
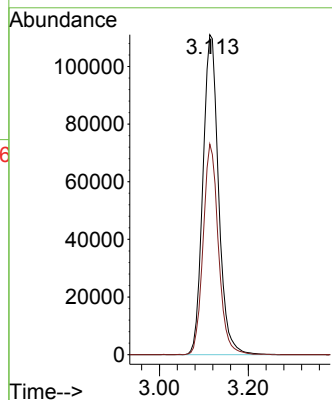
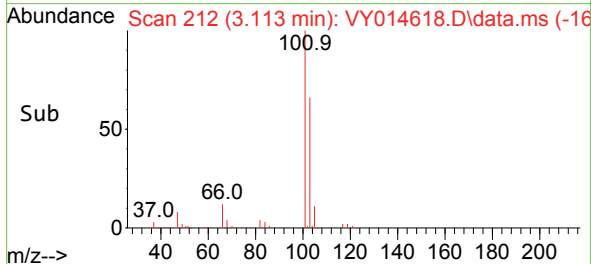


#7  
 Trichlorofluoromethane  
 Concen: 54.304 ug/l  
 RT: 3.113 min Scan# 215  
 Delta R.T. -0.018 min  
 Lab File: VY014618.D  
 Acq: 10 Jul 2023 16:23

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

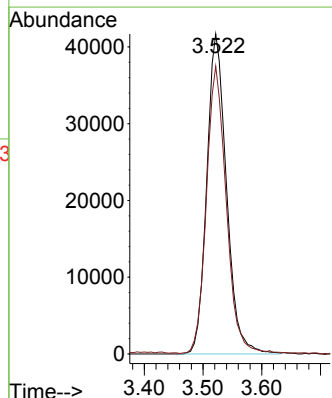
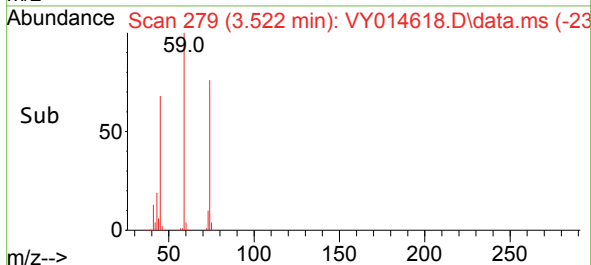
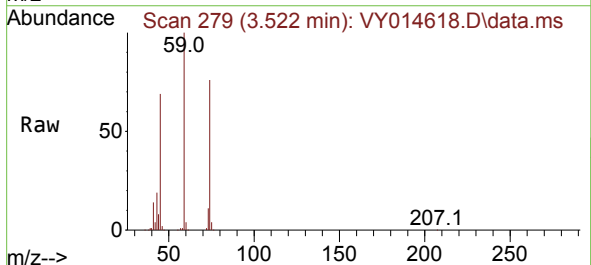


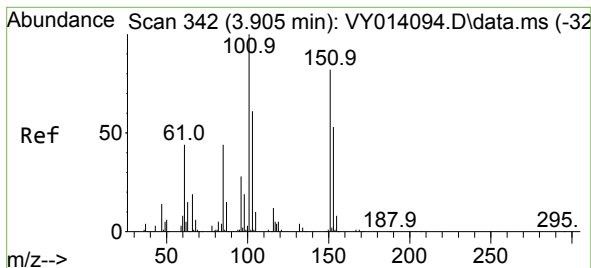
Tgt Ion:101 Resp: 272991  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 51.4 77.0



#8  
 Diethyl Ether  
 Concen: 51.186 ug/l  
 RT: 3.522 min Scan# 279  
 Delta R.T. -0.011 min  
 Lab File: VY014618.D  
 Acq: 10 Jul 2023 16:23

Tgt Ion: 74 Resp: 97432  
 Ion Ratio Lower Upper  
 74 100  
 45 90.2 51.5 154.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.817 ug/l

RT: 3.887 min Scan# 31

Delta R.T. -0.018 min

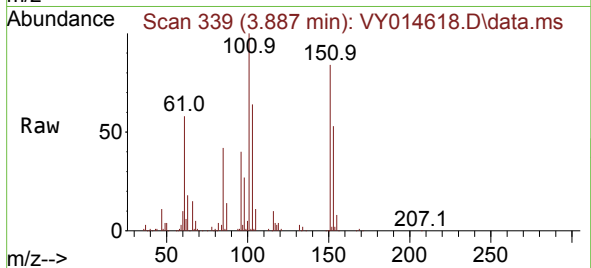
Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

ClientSampleId :



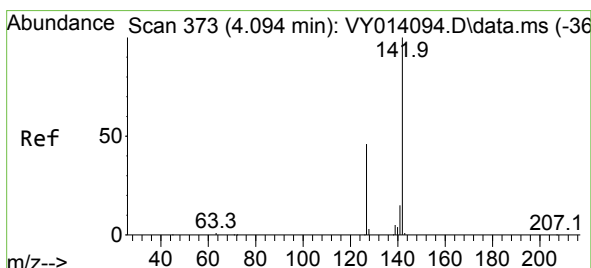
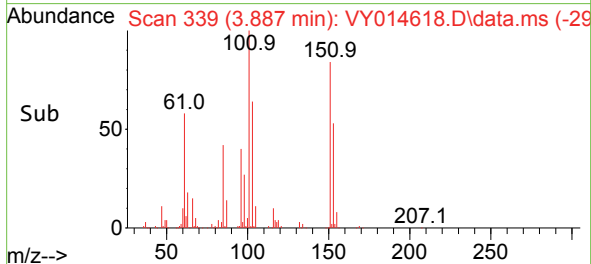
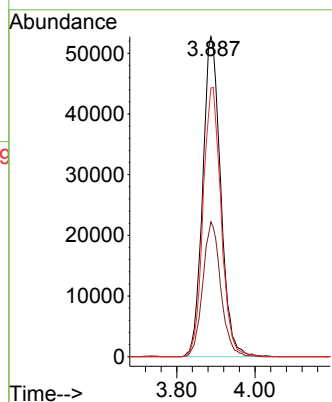
Tgt Ion:101 Resp: 167564

Ion Ratio Lower Upper

101 100

85 42.3 36.6 55.0

151 84.2 67.0 100.6



#10

Methyl Iodide

Concen: 55.815 ug/l

RT: 4.082 min Scan# 371

Delta R.T. -0.012 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

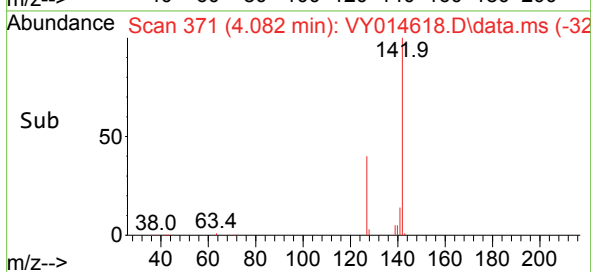
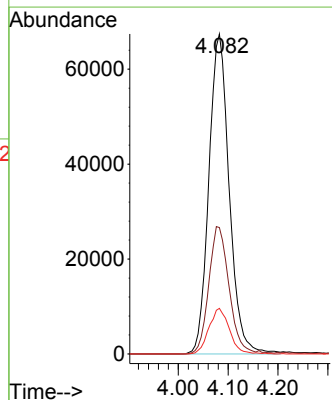
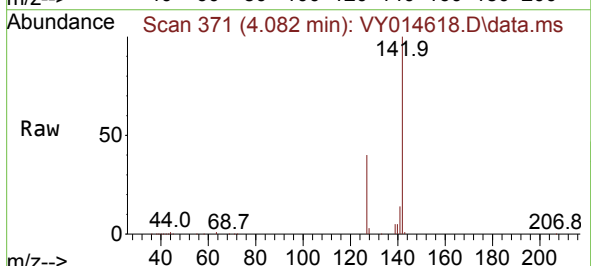
Tgt Ion:142 Resp: 191209

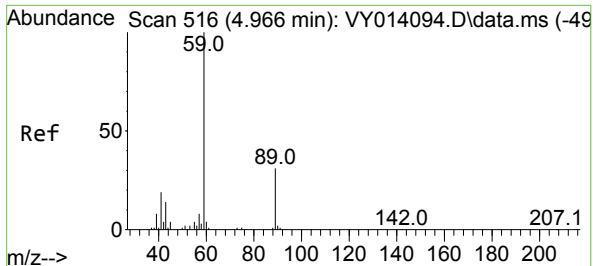
Ion Ratio Lower Upper

142 100

127 39.9 37.6 56.4

141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 214.512 ug/l

RT: 4.948 min Scan# 51

Delta R.T. -0.018 min

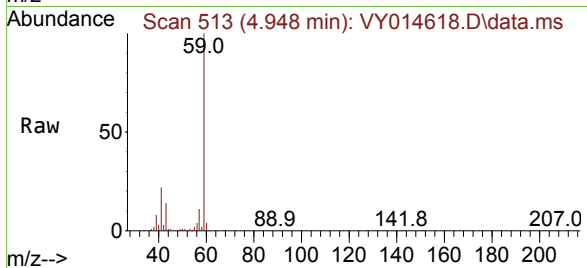
Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

ClientSampleId :

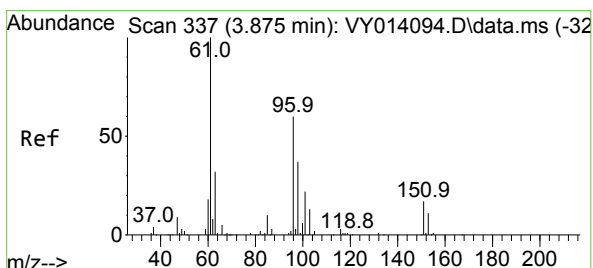
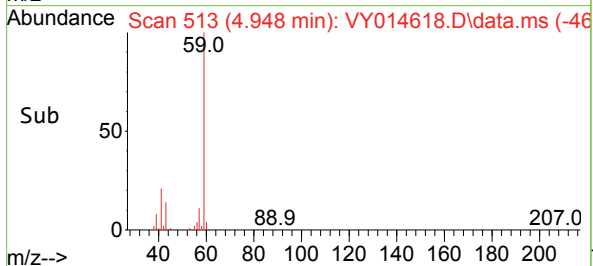
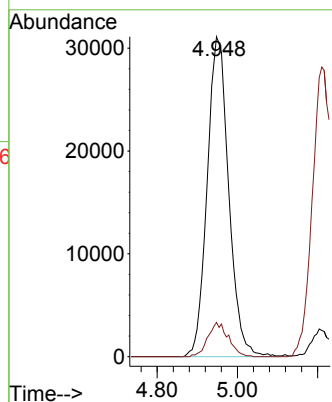


Tgt Ion: 59 Resp: 116109

Ion Ratio Lower Upper

59 100

57 10.2 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 53.766 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.018 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

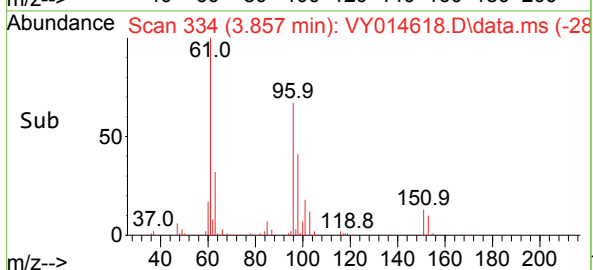
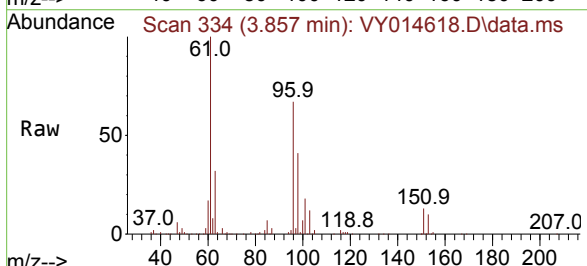
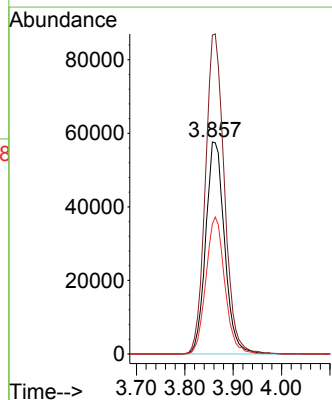
Tgt Ion: 96 Resp: 156366

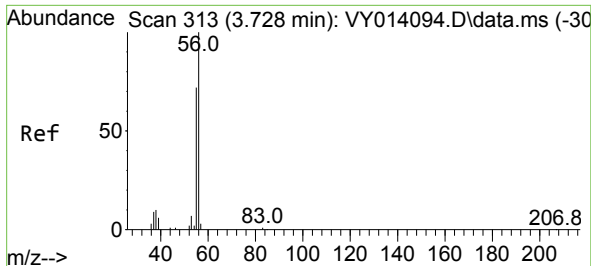
Ion Ratio Lower Upper

96 100

61 150.4 136.4 204.6

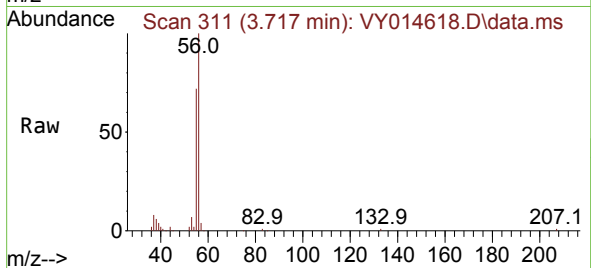
98 61.3 49.4 74.2



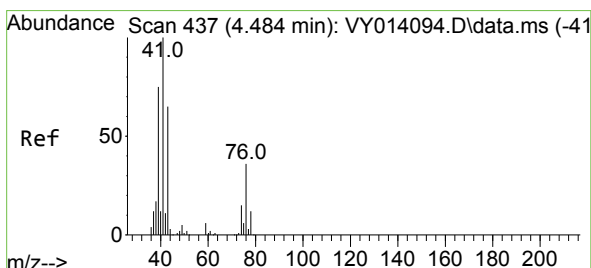
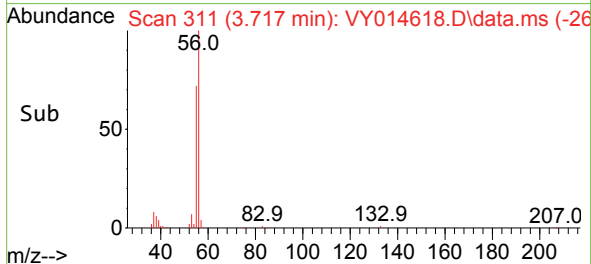
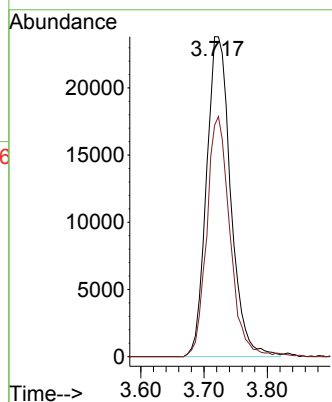


#13  
Acrolein  
Concen: 154.730 ug/l  
RT: 3.717 min Scan# 311  
Delta R.T. -0.011 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

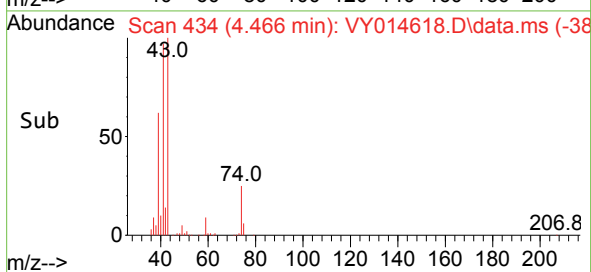
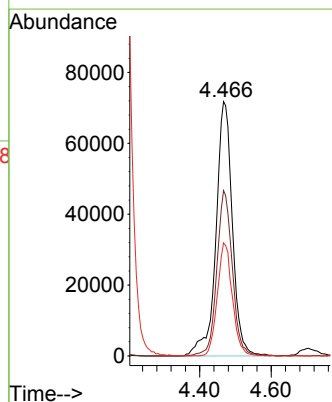
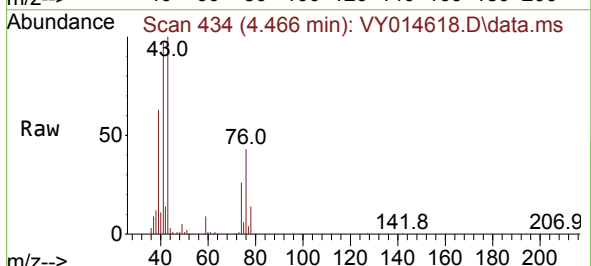


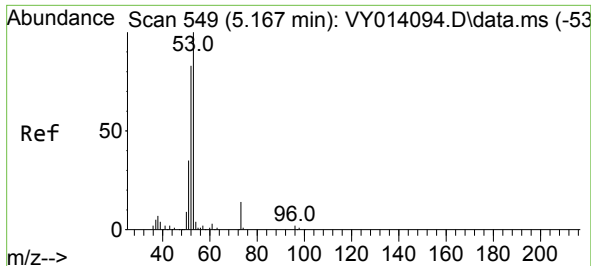
Tgt Ion: 56 Resp: 63380  
Ion Ratio Lower Upper  
56 100  
55 71.5 57.0 85.4



#14  
Allyl chloride  
Concen: 52.321 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.018 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

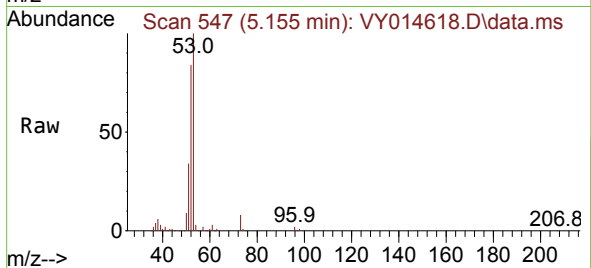
Tgt Ion: 41 Resp: 229349  
Ion Ratio Lower Upper  
41 100  
39 61.3 58.0 87.0  
76 40.5 27.4 41.2



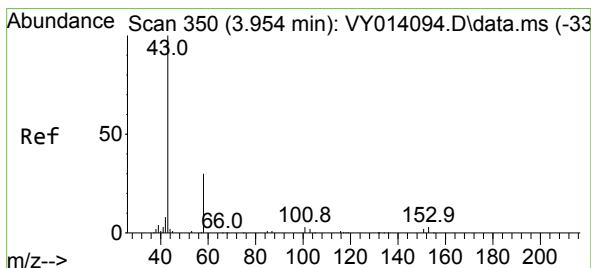
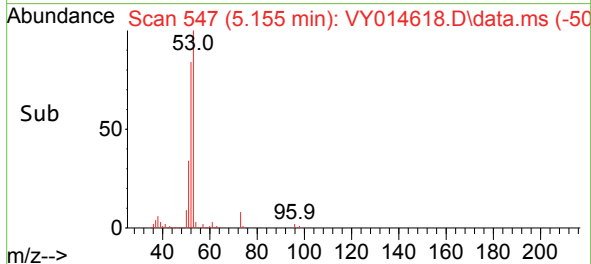
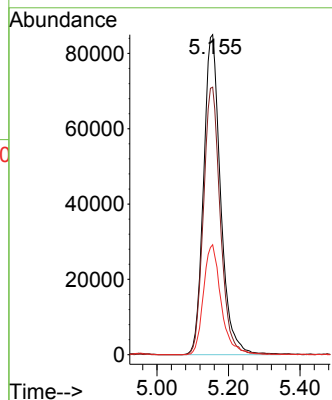


#15  
Acrylonitrile  
Concen: 257.071 ug/l  
RT: 5.155 min Scan# 54  
Delta R.T. -0.012 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

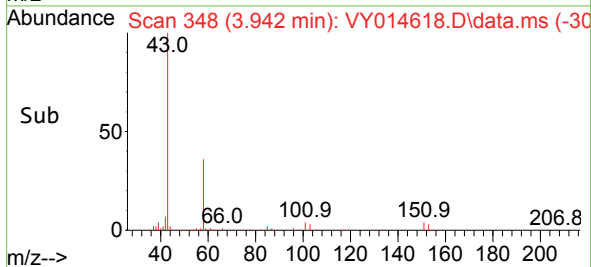
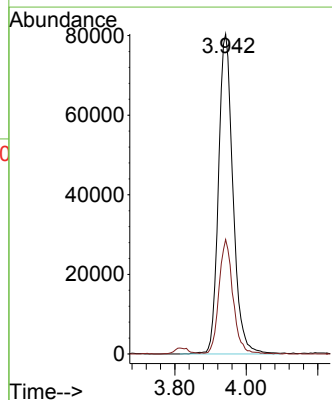
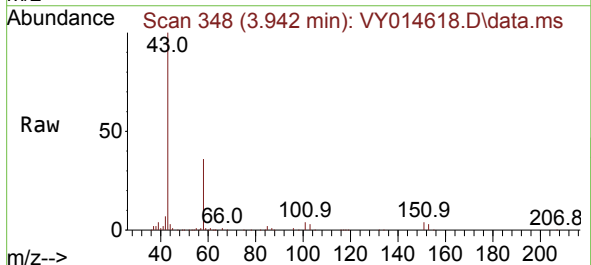


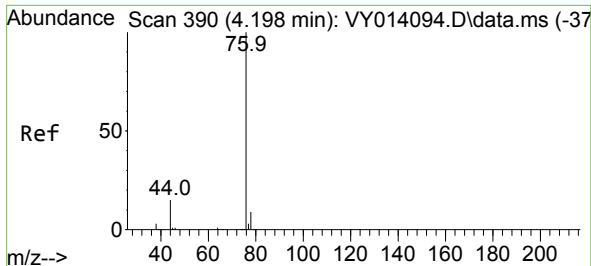
Tgt Ion: 53 Resp: 280906  
Ion Ratio Lower Upper  
53 100  
52 82.9 66.9 100.3  
51 35.7 29.8 44.6



#16  
Acetone  
Concen: 234.212 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.012 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion: 43 Resp: 225607  
Ion Ratio Lower Upper  
43 100  
58 35.7 22.7 34.1#

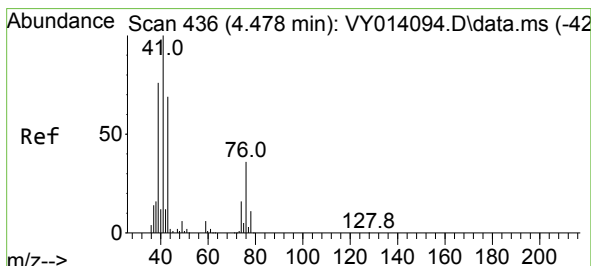
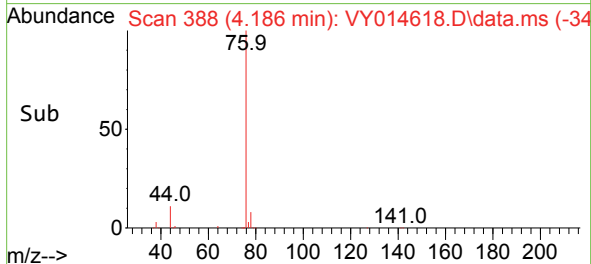
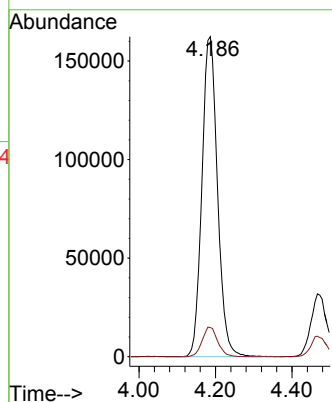
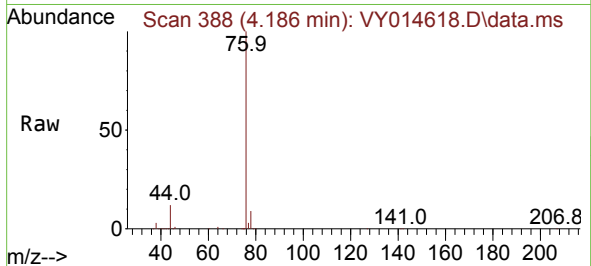




#17  
Carbon Disulfide  
Concen: 51.706 ug/l  
RT: 4.186 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

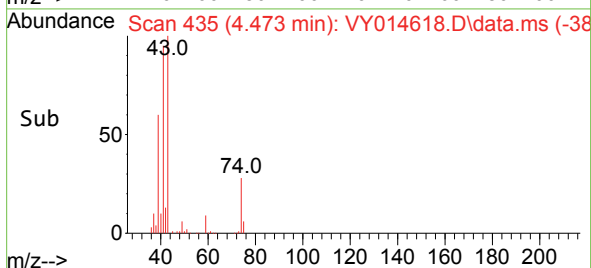
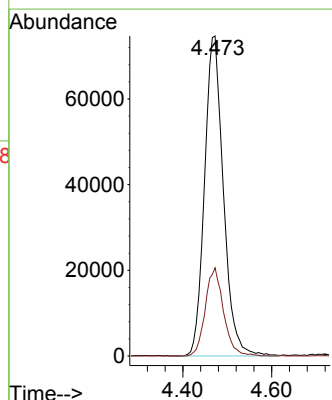
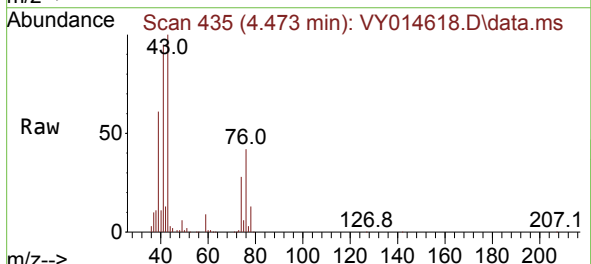
Instrument :  
MSVOA\_Y  
ClientSampleId :

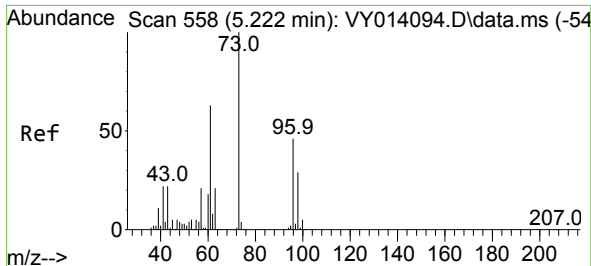
Tgt Ion: 76 Resp: 458252  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.0 10.4



#18  
Methyl Acetate  
Concen: 50.380 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. -0.005 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

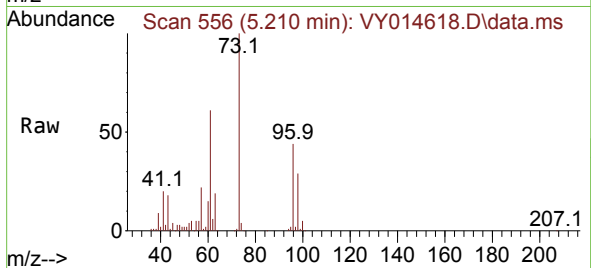
Tgt Ion: 43 Resp: 220912  
Ion Ratio Lower Upper  
43 100  
74 26.6 17.4 26.0#



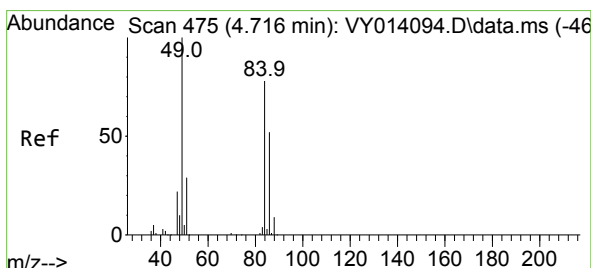
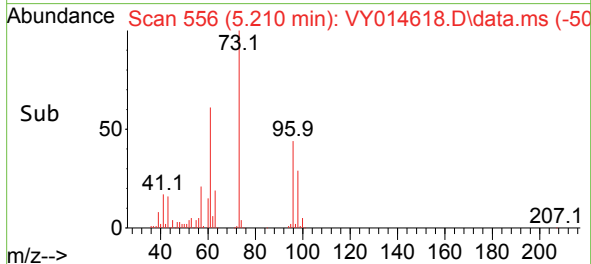
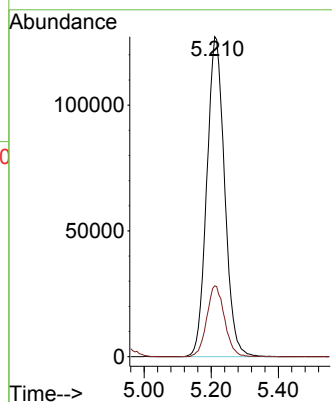


#19  
Methyl tert-butyl Ether  
Concen: 55.900 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

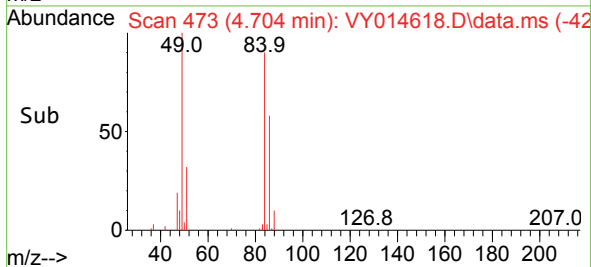
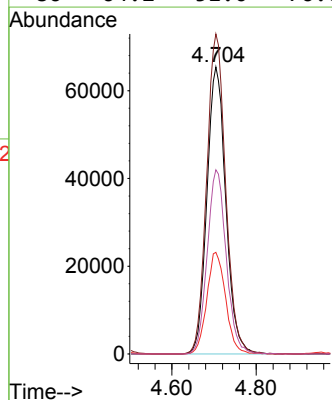
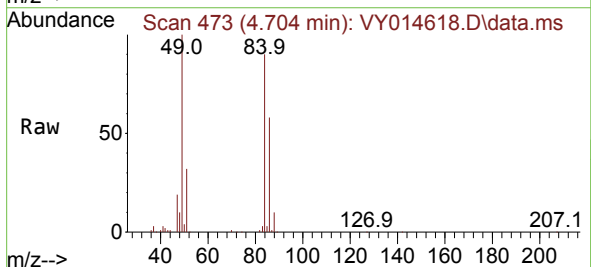


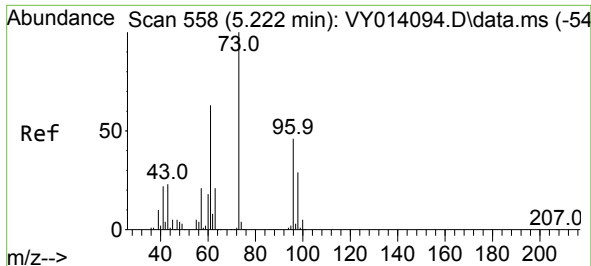
Tgt Ion: 73 Resp: 467241  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.3 25.9



#20  
Methylene Chloride  
Concen: 59.610 ug/l  
RT: 4.704 min Scan# 473  
Delta R.T. -0.012 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

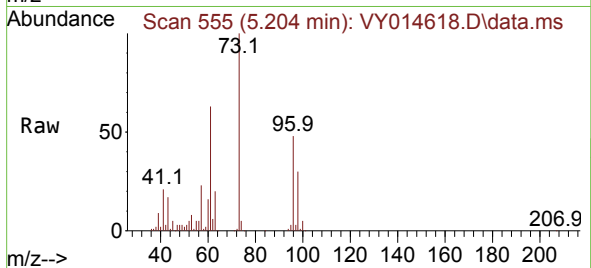
Tgt Ion: 84 Resp: 203858  
Ion Ratio Lower Upper  
84 100  
49 111.5 106.9 160.3  
51 35.4 33.2 49.8  
86 64.2 51.0 76.6



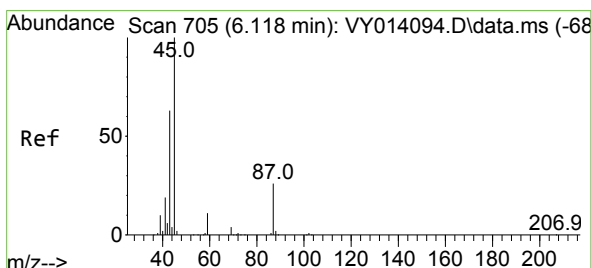
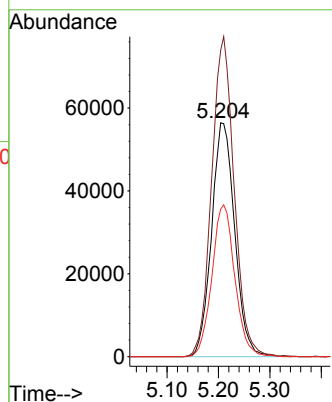
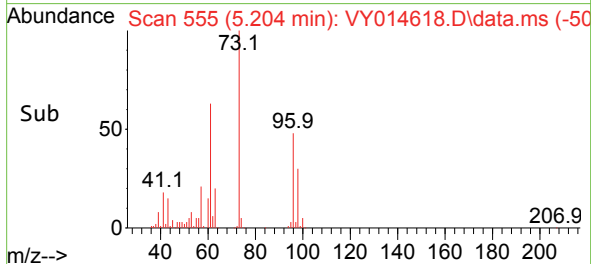


#21  
trans-1,2-Dichloroethene  
Concen: 53.573 ug/l  
RT: 5.204 min Scan# 51  
Delta R.T. -0.018 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

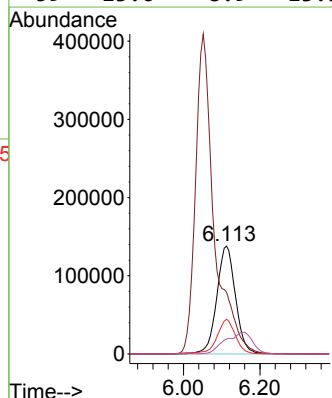
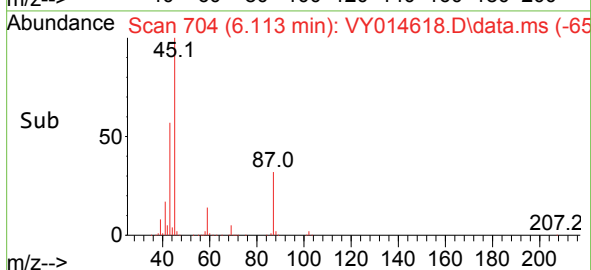
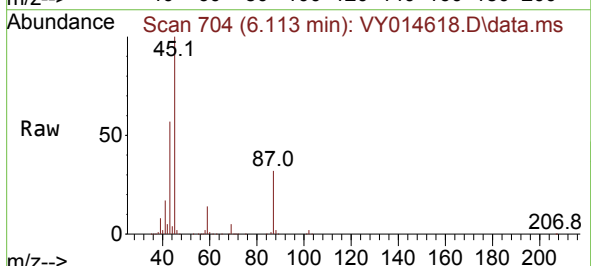


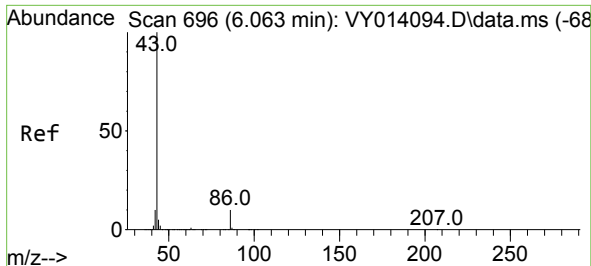
Tgt Ion: 96 Resp: 176361  
Ion Ratio Lower Upper  
96 100  
61 131.0 110.2 165.4  
98 63.1 51.8 77.6



#22  
Diisopropyl ether  
Concen: 51.896 ug/l  
RT: 6.113 min Scan# 704  
Delta R.T. -0.005 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion: 45 Resp: 468742  
Ion Ratio Lower Upper  
45 100  
43 57.0 52.2 78.4  
87 32.1 21.0 31.6#  
59 13.6 8.9 13.3#

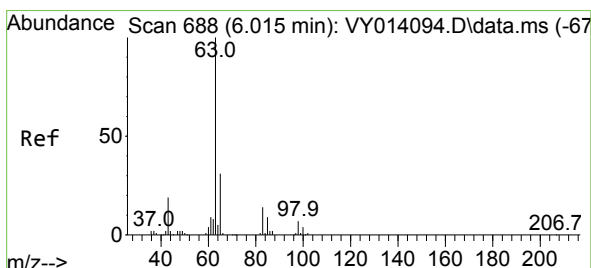
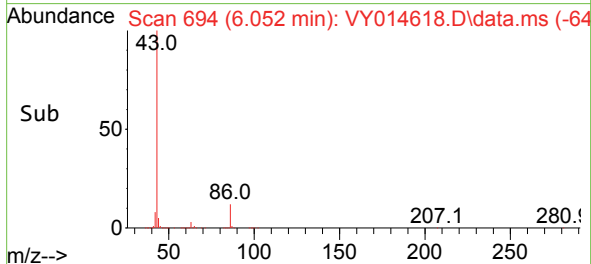
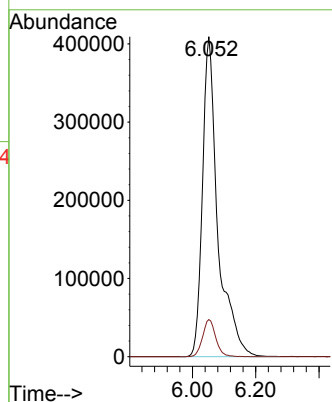
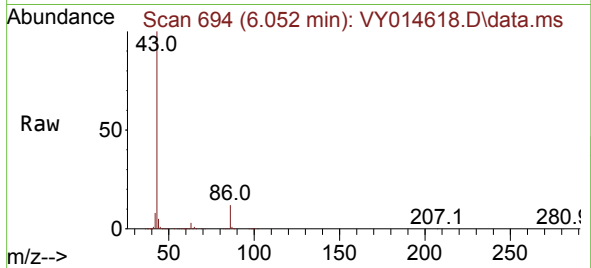




#23  
 Vinyl Acetate  
 Concen: 264.334 ug/l  
 RT: 6.052 min Scan# 694  
 Delta R.T. -0.011 min  
 Lab File: VY014618.D  
 Acq: 10 Jul 2023 16:23

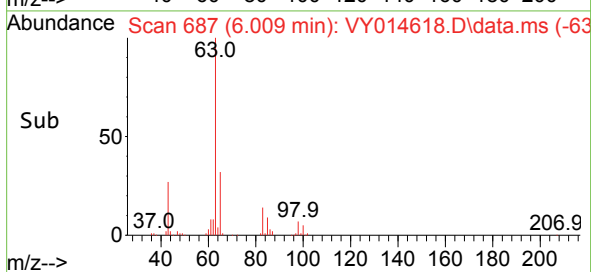
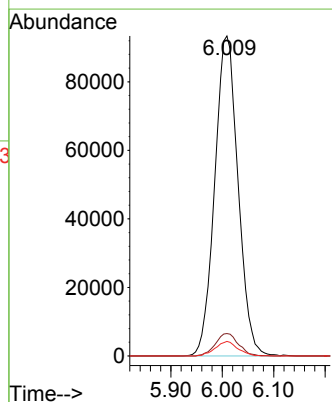
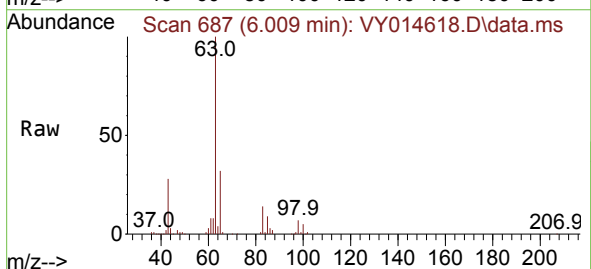
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

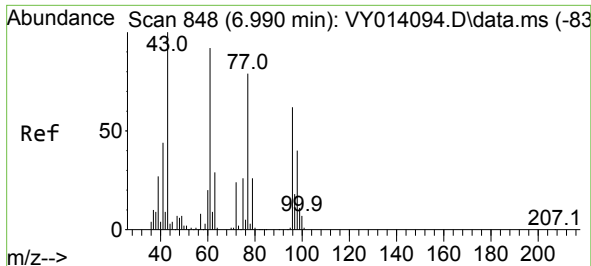
Tgt Ion: 43 Resp: 1381350  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 7.5 11.3#



#24  
 1,1-Dichloroethane  
 Concen: 51.873 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.006 min  
 Lab File: VY014618.D  
 Acq: 10 Jul 2023 16:23

Tgt Ion: 63 Resp: 294134  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.1 9.4  
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 239.479 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

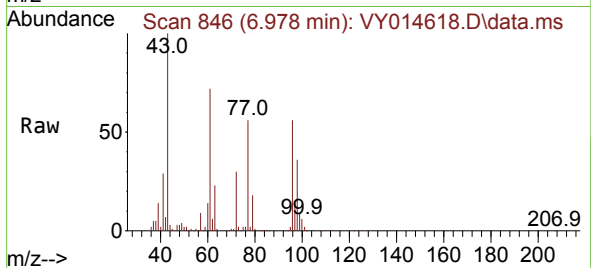
Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

ClientSampleId :

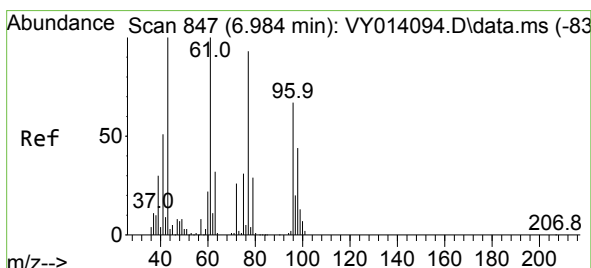
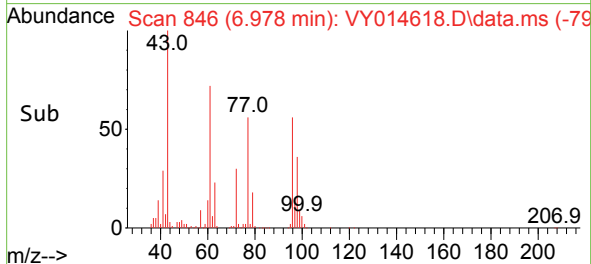
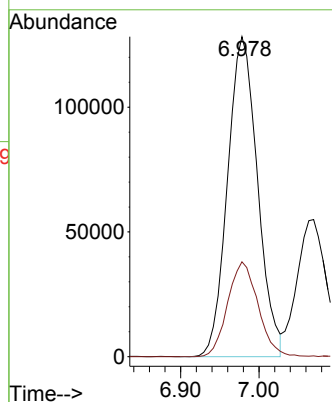


Tgt Ion: 43 Resp: 341566

Ion Ratio Lower Upper

43 100

72 29.6 20.5 30.7



#26

2,2-Dichloropropane

Concen: 47.481 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY014618.D

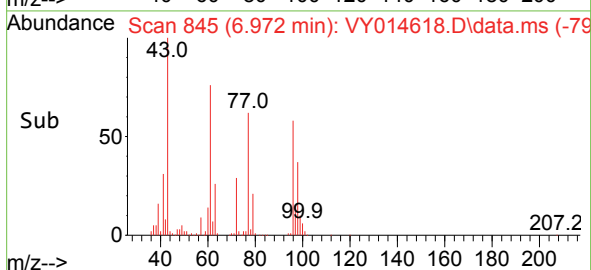
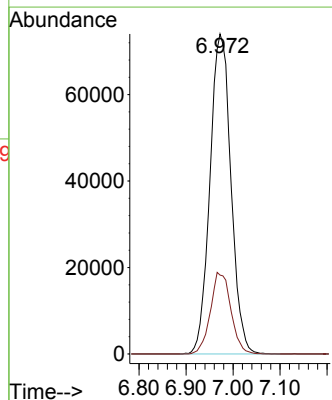
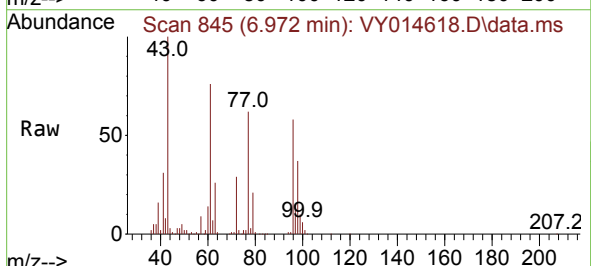
Acq: 10 Jul 2023 16:23

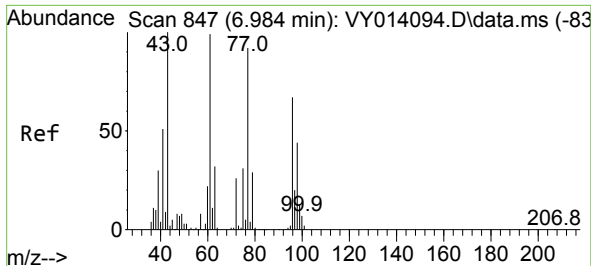
Tgt Ion: 77 Resp: 229480

Ion Ratio Lower Upper

77 100

97 24.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.259 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

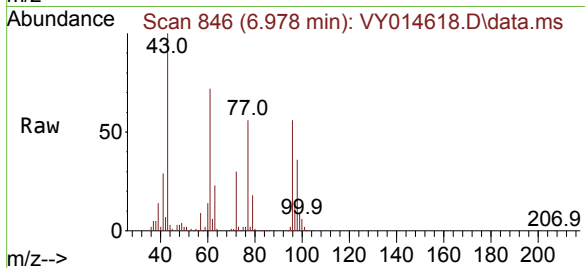
Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

ClientSampleId :



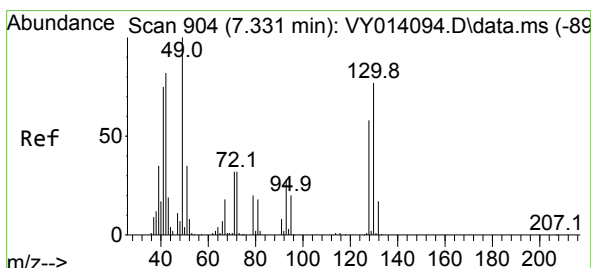
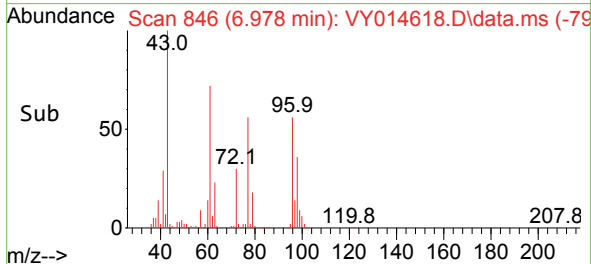
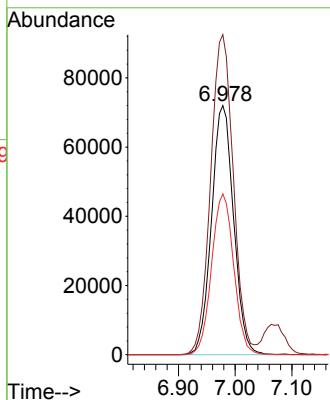
Tgt Ion: 96 Resp: 195149

Ion Ratio Lower Upper

96 100

61 132.0 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 49.768 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.005 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

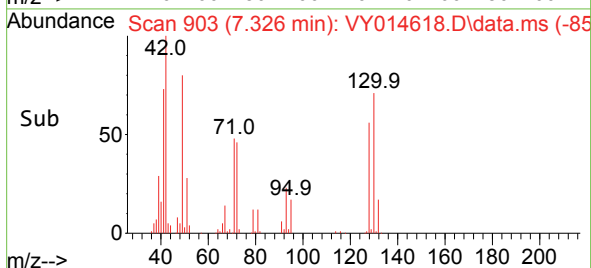
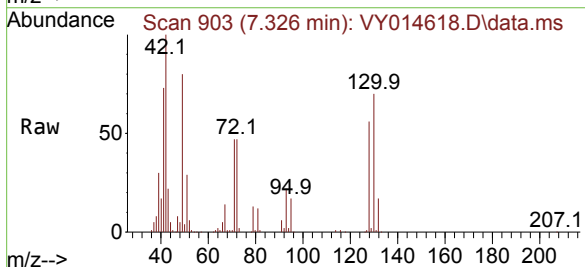
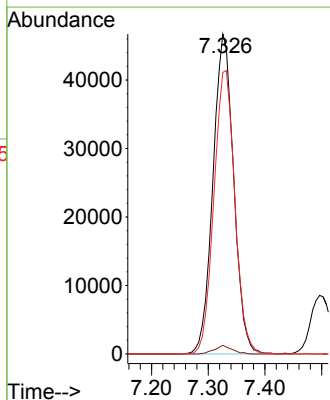
Tgt Ion: 49 Resp: 118496

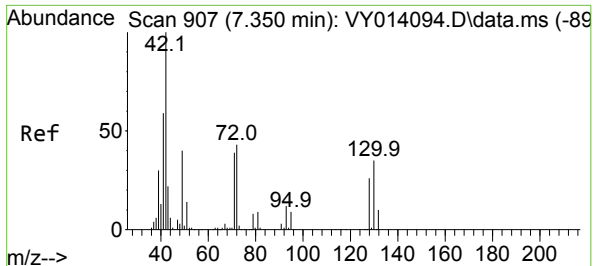
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 89.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 253.446 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

ClientSampleId :

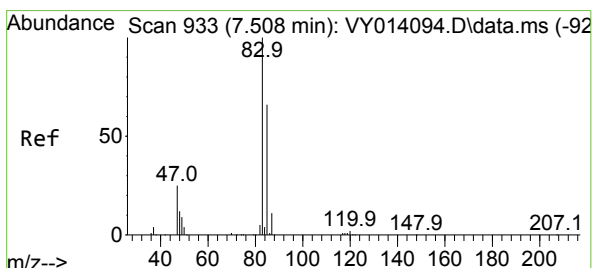
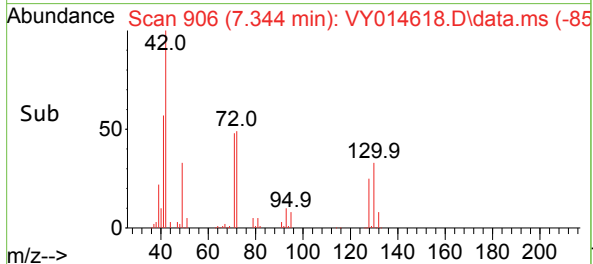
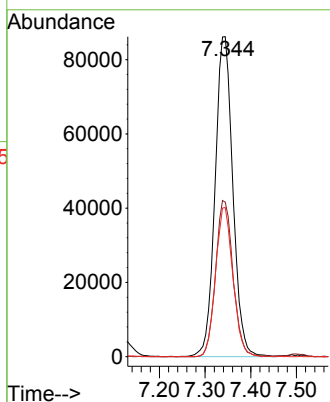
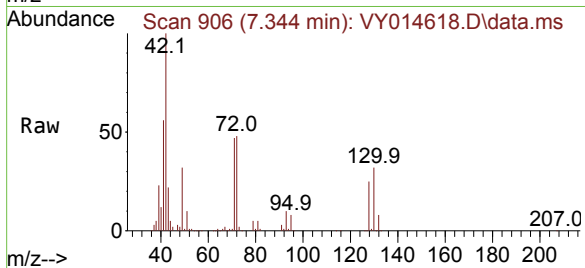
Tgt Ion: 42 Resp: 233166

Ion Ratio Lower Upper

42 100

72 47.8 32.8 49.2

71 45.6 31.0 46.4



#30

Chloroform

Concen: 52.293 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.012 min

Lab File: VY014618.D

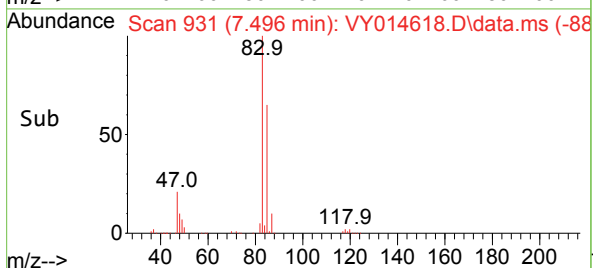
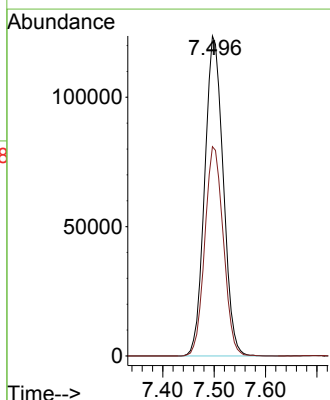
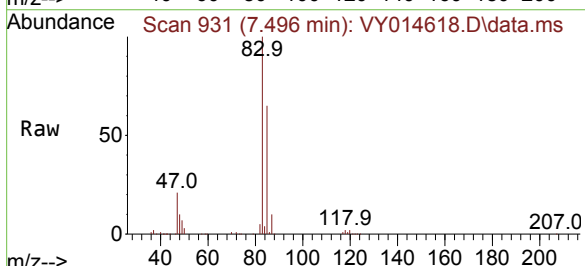
Acq: 10 Jul 2023 16:23

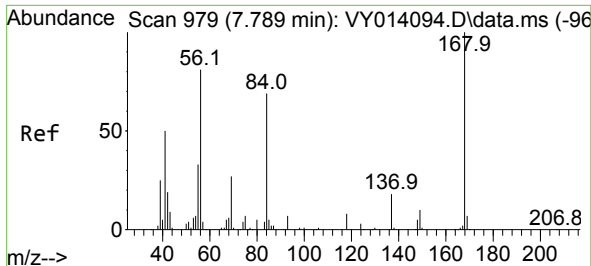
Tgt Ion: 83 Resp: 309315

Ion Ratio Lower Upper

83 100

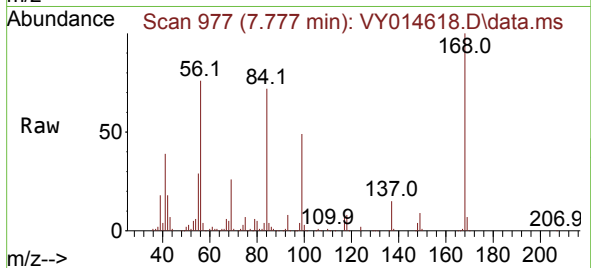
85 65.4 49.7 74.5



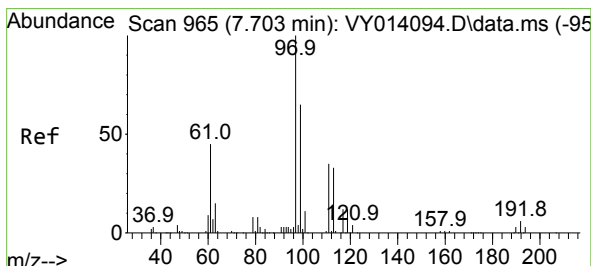
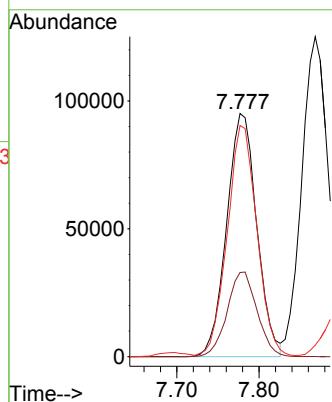
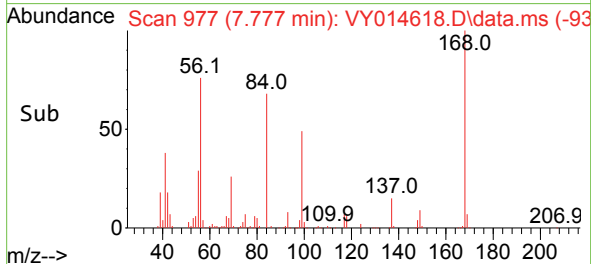


#31  
Cyclohexane  
Concen: 50.055 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

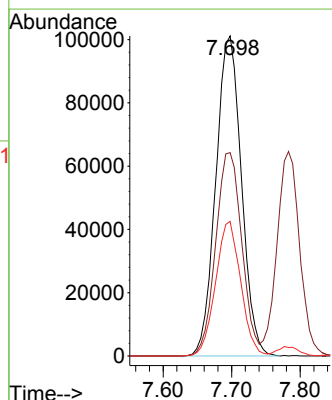
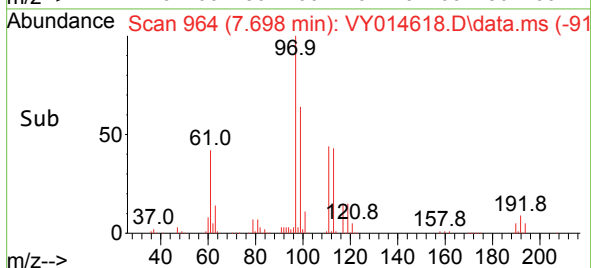
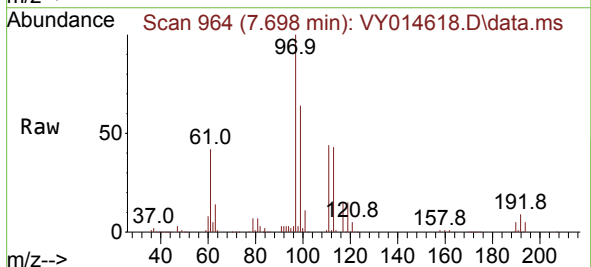


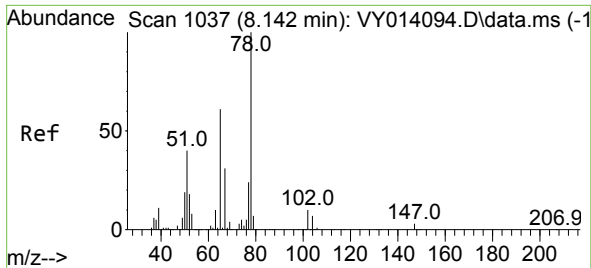
Tgt Ion: 56 Resp: 242226  
Ion Ratio Lower Upper  
56 100  
69 34.6 27.8 41.6  
84 93.7 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 51.954 ug/l  
RT: 7.698 min Scan# 964  
Delta R.T. -0.005 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion: 97 Resp: 262677  
Ion Ratio Lower Upper  
97 100  
99 64.7 50.8 76.2  
61 41.2 35.1 52.7

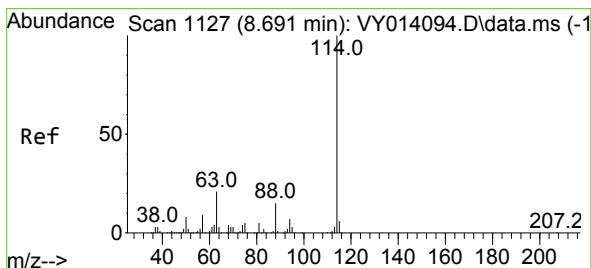
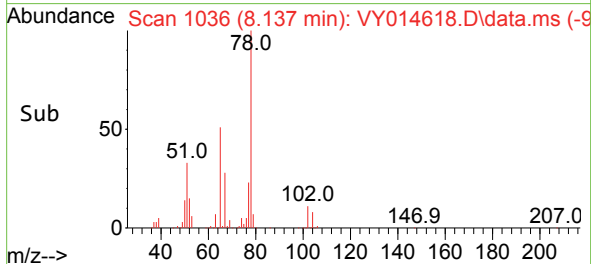
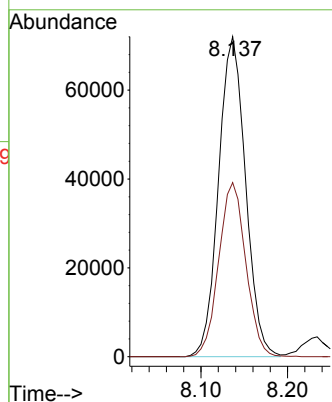
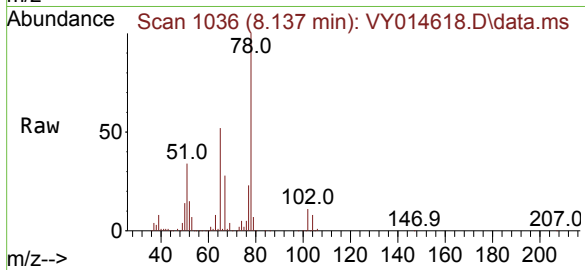




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.570 ug/l  
 RT: 8.137 min Scan# 1036  
 Delta R.T. -0.005 min  
 Lab File: VY014618.D  
 Acq: 10 Jul 2023 16:23

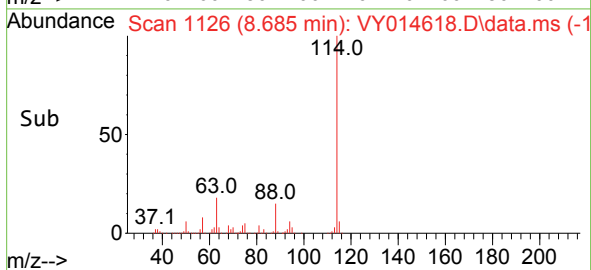
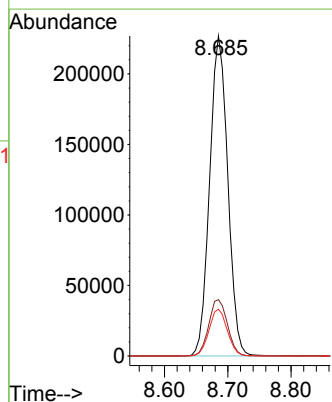
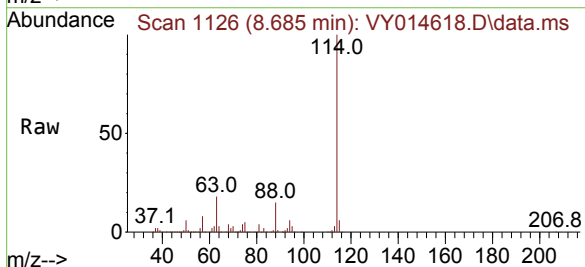
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

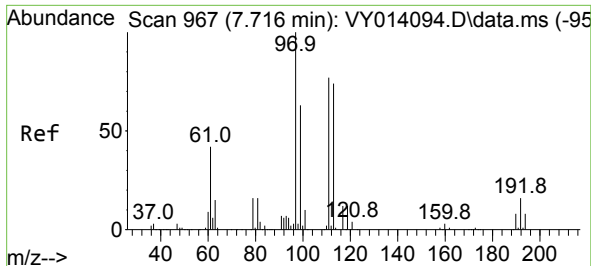
Tgt Ion: 65 Resp: 155983  
 Ion Ratio Lower Upper  
 65 100  
 67 54.6 0.0 101.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.685 min Scan# 1126  
 Delta R.T. -0.006 min  
 Lab File: VY014618.D  
 Acq: 10 Jul 2023 16:23

Tgt Ion: 114 Resp: 451383  
 Ion Ratio Lower Upper  
 114 100  
 63 17.6 0.0 42.4  
 88 14.6 0.0 30.6

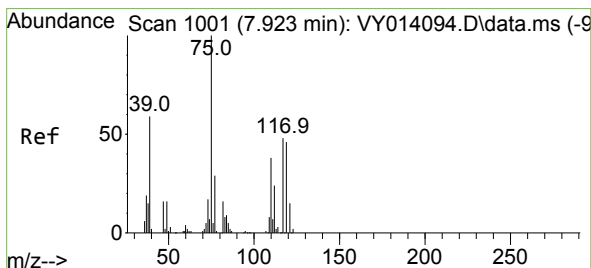
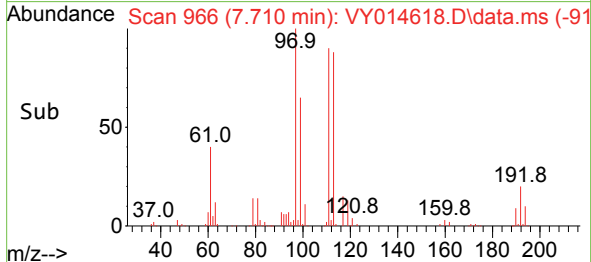
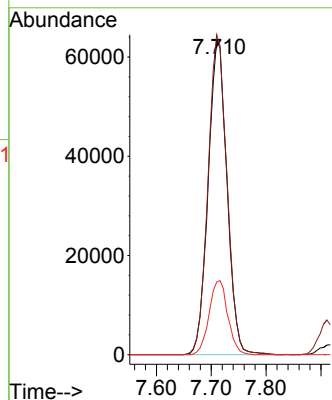
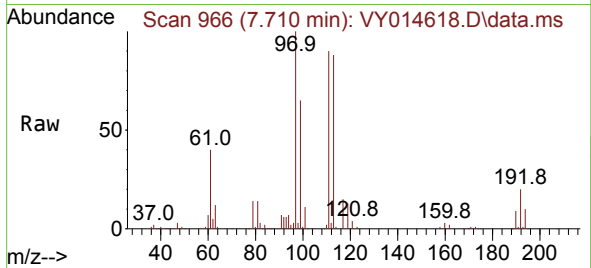




#35  
Dibromofluoromethane  
Concen: 54.150 ug/l  
RT: 7.710 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

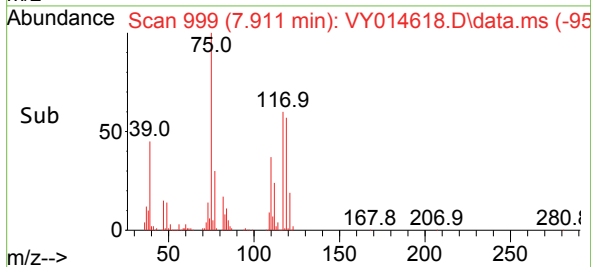
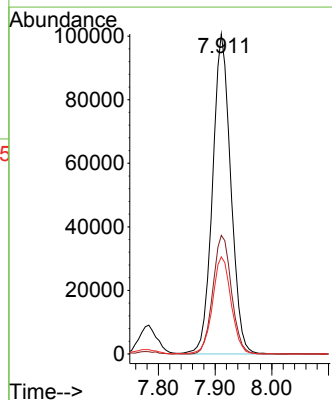
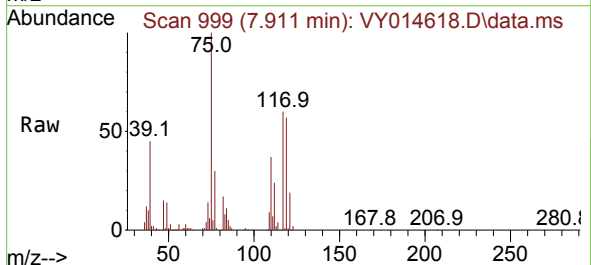
Instrument :  
MSVOA\_Y  
ClientSampleId :

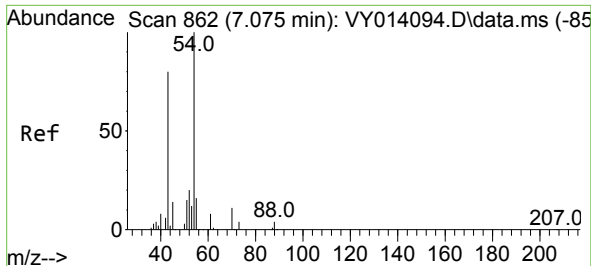
Tgt Ion:113 Resp: 150519  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.3 121.9  
192 23.5 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 52.710 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.012 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion: 75 Resp: 224372  
Ion Ratio Lower Upper  
75 100  
110 37.7 17.8 53.5  
77 31.1 24.4 36.6

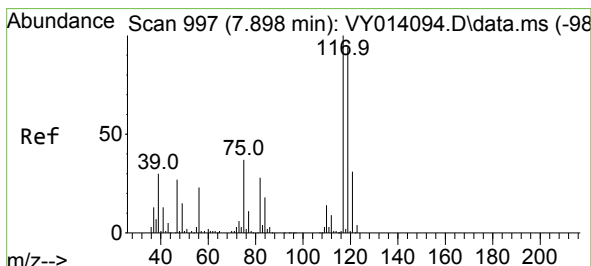
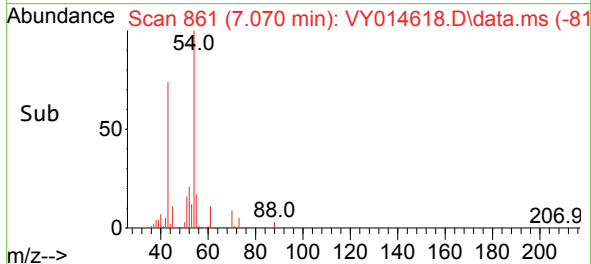
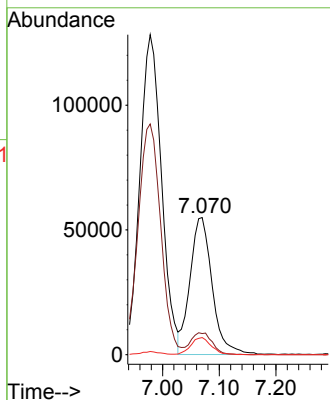
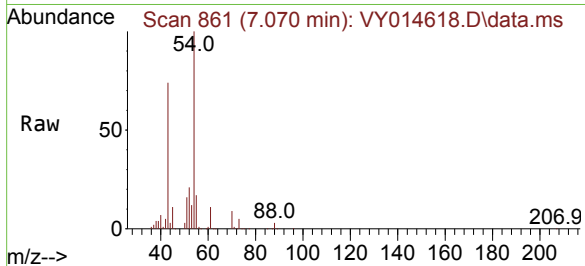




#37  
Ethyl Acetate  
Concen: 51.270 ug/l  
RT: 7.070 min Scan# 861  
Delta R.T. -0.005 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

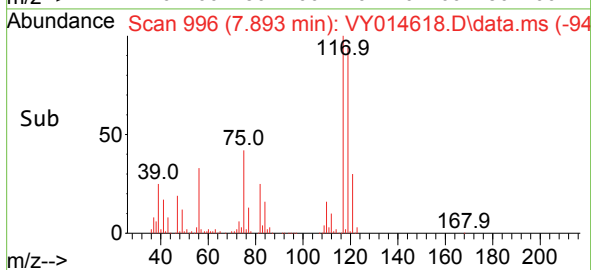
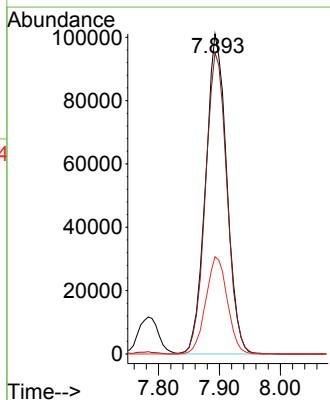
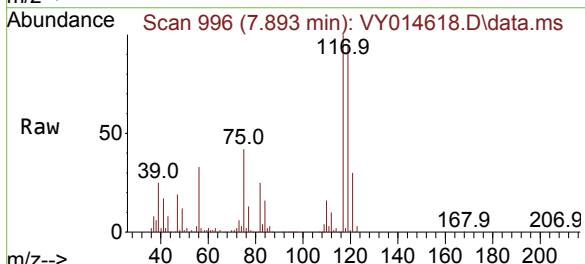
Instrument :  
MSVOA\_Y  
ClientSampleId :

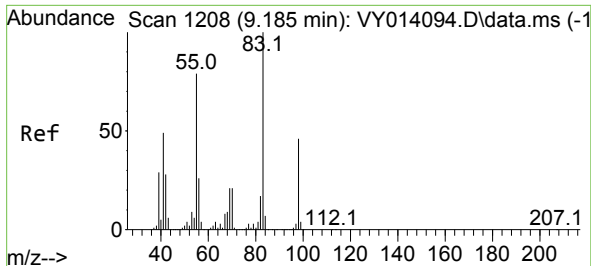
Tgt Ion: 43 Resp: 149670  
Ion Ratio Lower Upper  
43 100  
61 16.0 10.1 15.1#  
70 11.6 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 54.955 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. -0.005 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion: 117 Resp: 244200  
Ion Ratio Lower Upper  
117 100  
119 94.2 76.4 114.6  
121 30.4 25.8 38.6





#39

Methylcyclohexane

Concen: 56.144 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

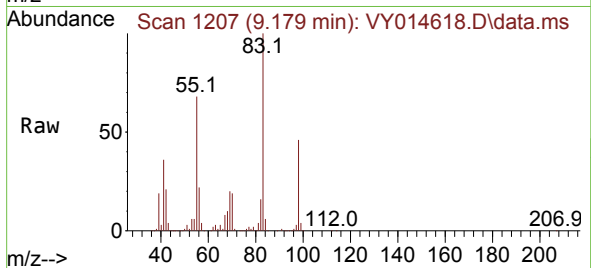
Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

ClientSampleId :



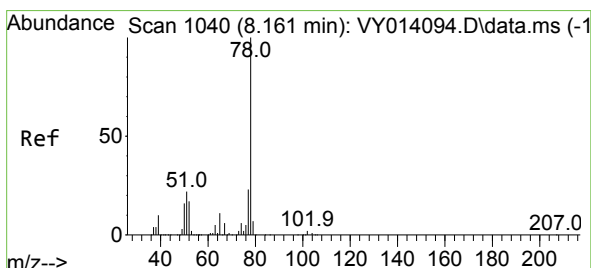
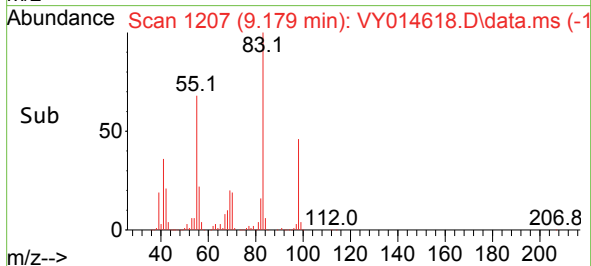
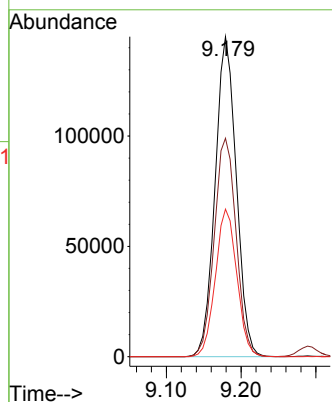
Tgt Ion: 83 Resp: 285666

Ion Ratio Lower Upper

83 100

55 68.2 63.0 94.4

98 46.1 37.4 56.2



#40

Benzene

Concen: 52.204 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY014618.D

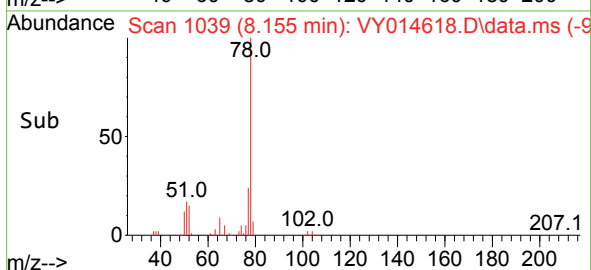
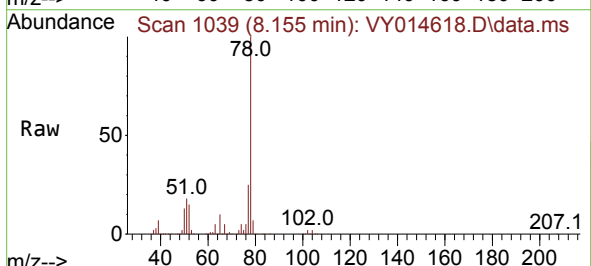
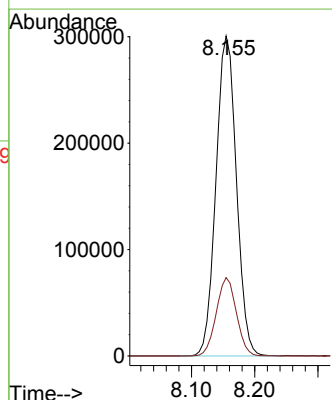
Acq: 10 Jul 2023 16:23

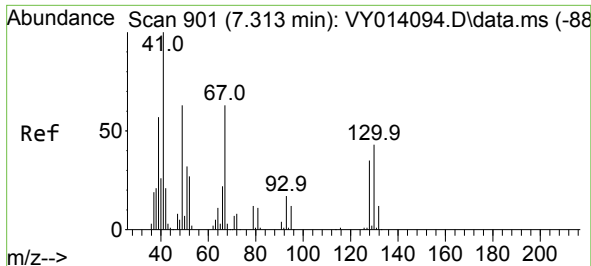
Tgt Ion: 78 Resp: 672671

Ion Ratio Lower Upper

78 100

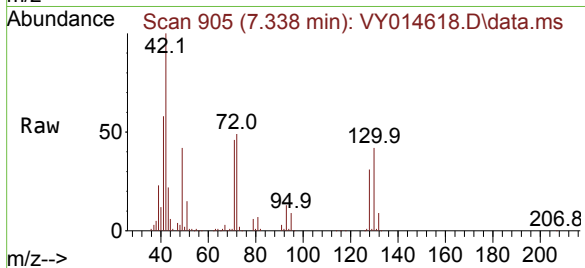
77 24.5 19.0 28.6



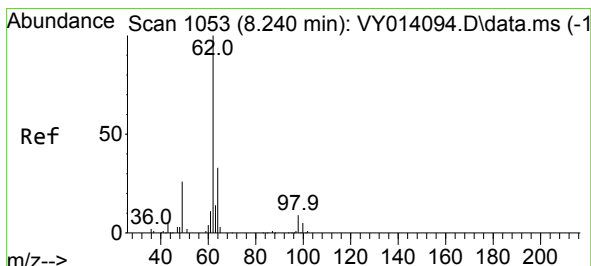
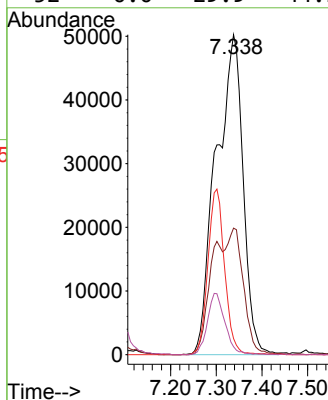
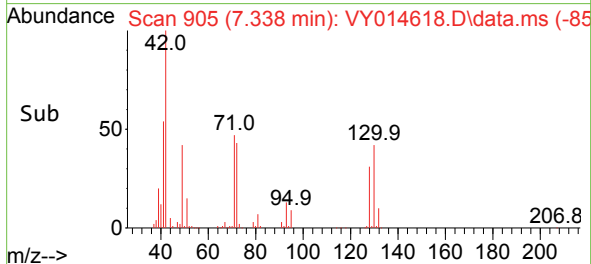


#41  
Methacrylonitrile  
Concen: 144.120 ug/l  
RT: 7.338 min Scan# 901  
Delta R.T. 0.025 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

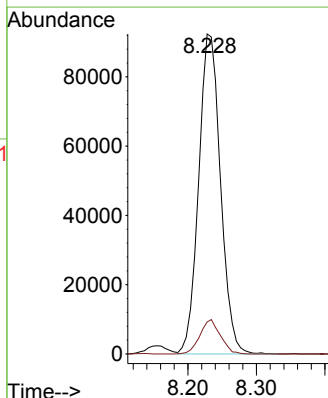
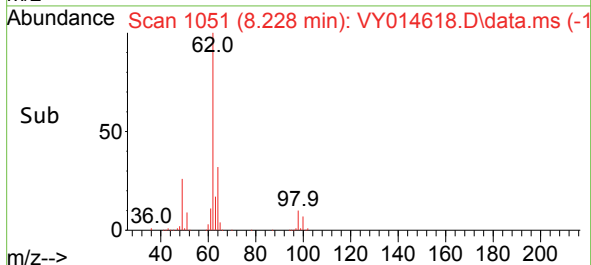
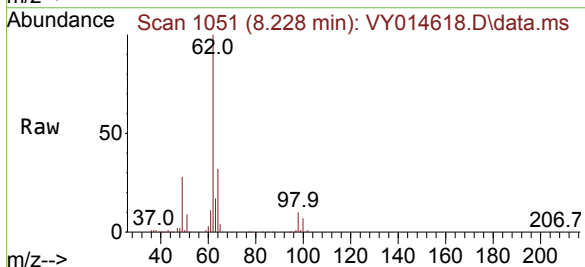


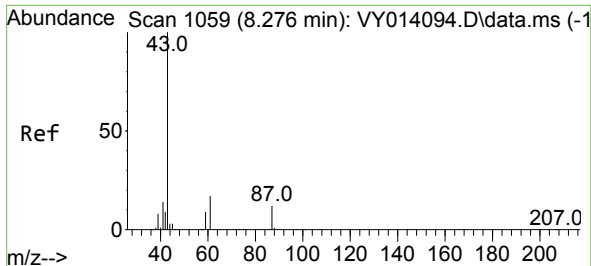
Tgt Ion: 41 Resp: 205540  
Ion Ratio Lower Upper  
41 100  
39 0.0 52.1 78.1#  
67 0.0 66.2 99.2#  
52 0.0 29.9 44.9#



#42  
1,2-Dichloroethane  
Concen: 54.126 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.012 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

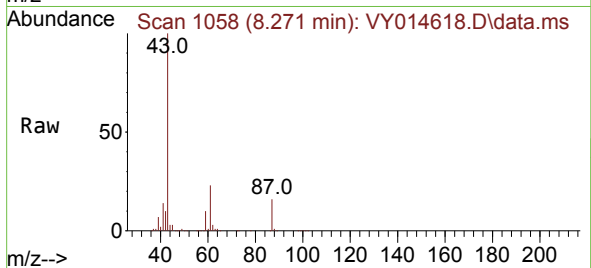
Tgt Ion: 62 Resp: 204996  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 15.8



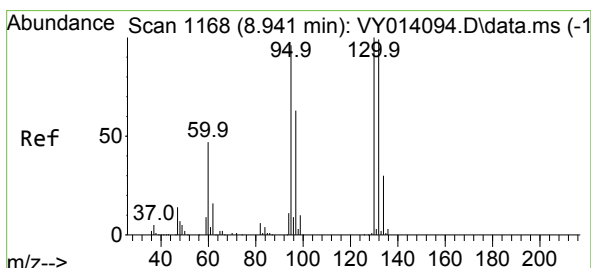
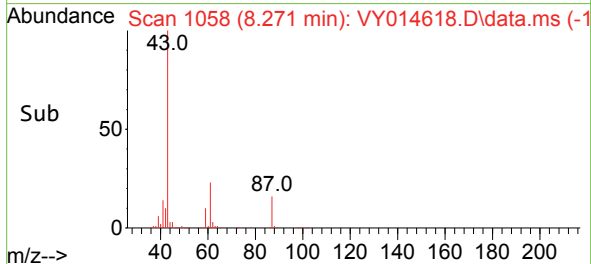
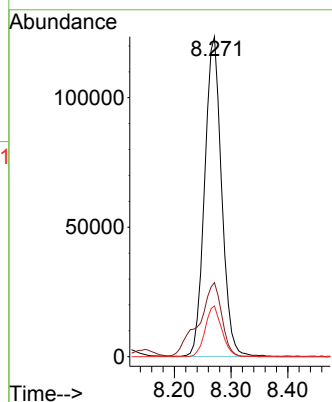


#43  
Isopropyl Acetate  
Concen: 51.751 ug/l  
RT: 8.271 min Scan# 1105  
Delta R.T. -0.005 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

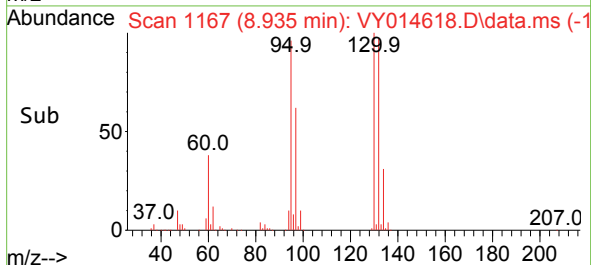
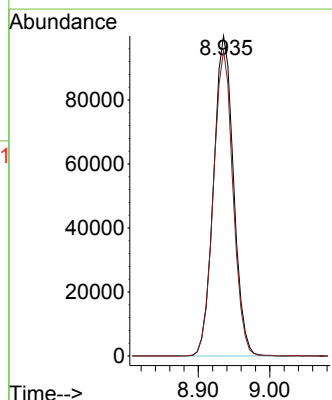
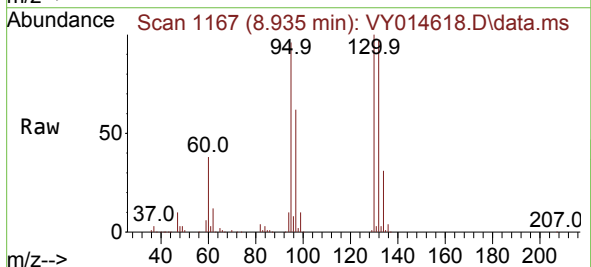


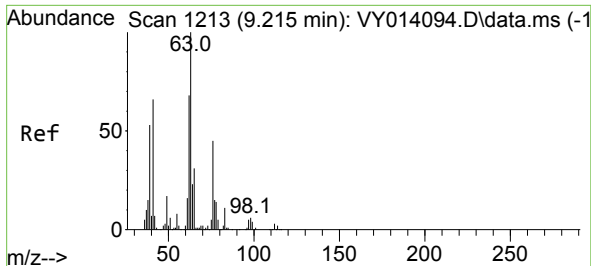
Tgt Ion: 43 Resp: 256025  
Ion Ratio Lower Upper  
43 100  
61 31.5 21.1 31.7  
87 15.5 9.8 14.8#



#44  
Trichloroethene  
Concen: 53.829 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion:130 Resp: 193367  
Ion Ratio Lower Upper  
130 100  
95 95.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.825 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.005 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

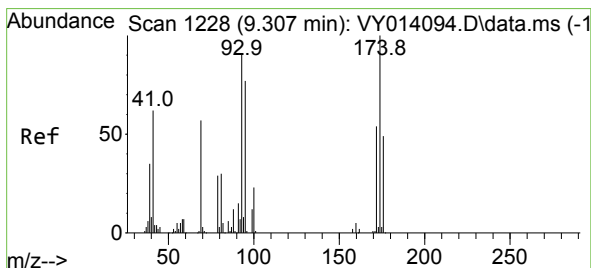
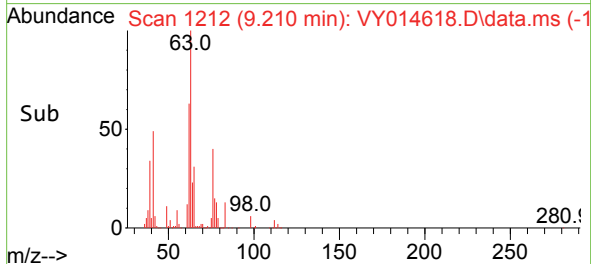
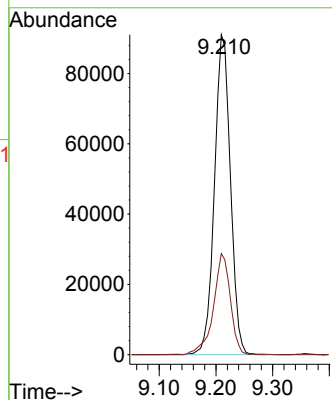
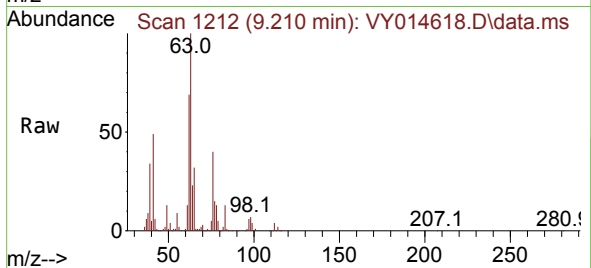
ClientSampleId :

Tgt Ion: 63 Resp: 177923

Ion Ratio Lower Upper

63 100

65 31.6 23.8 35.6



#46

Dibromomethane

Concen: 53.202 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

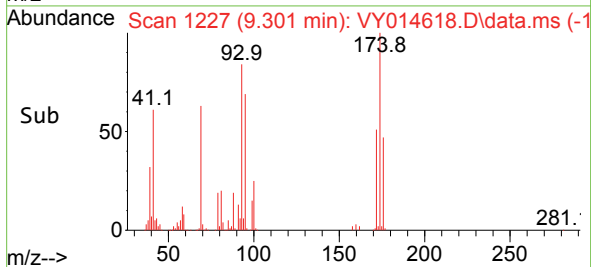
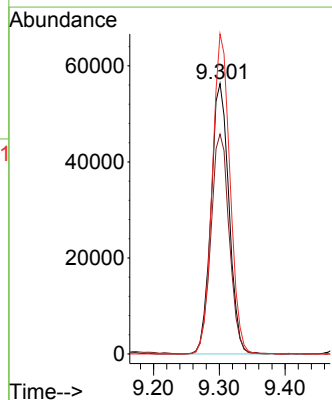
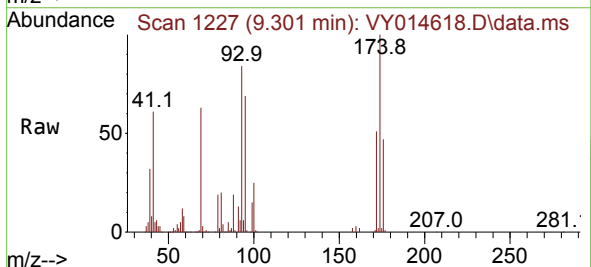
Tgt Ion: 93 Resp: 107062

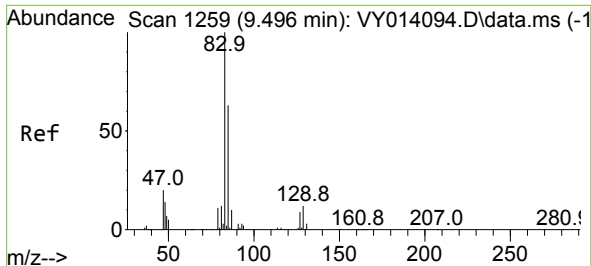
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 116.7 84.8 127.2

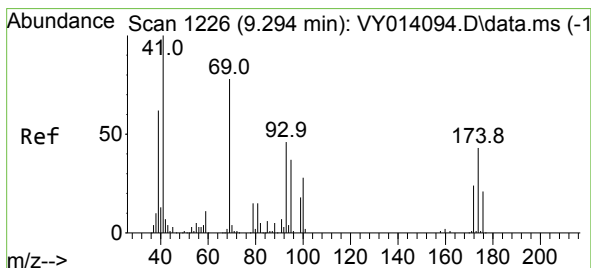
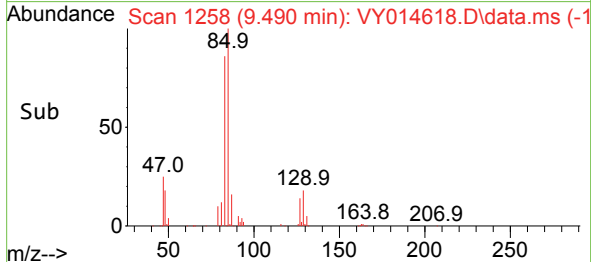
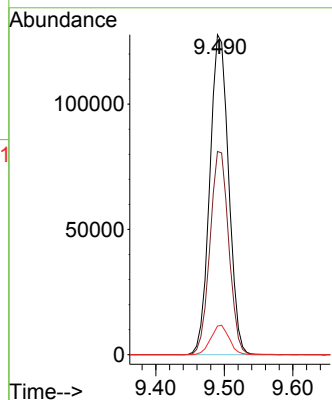
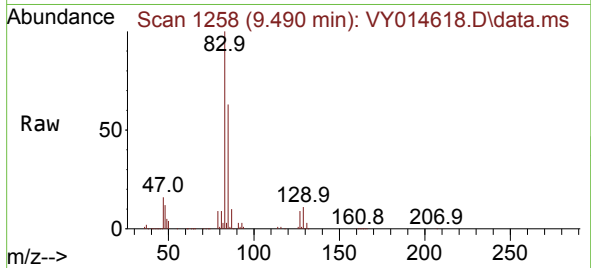




#47  
Bromodichloromethane  
Concen: 54.949 ug/l  
RT: 9.490 min Scan# 1258  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

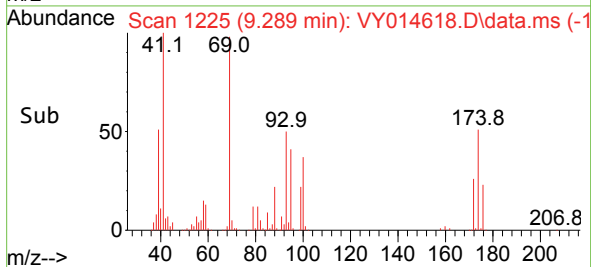
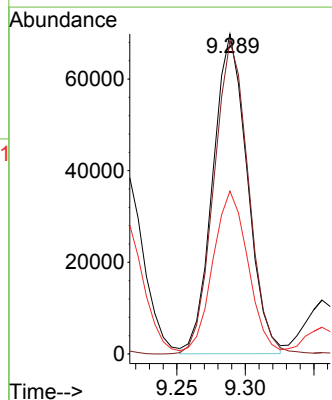
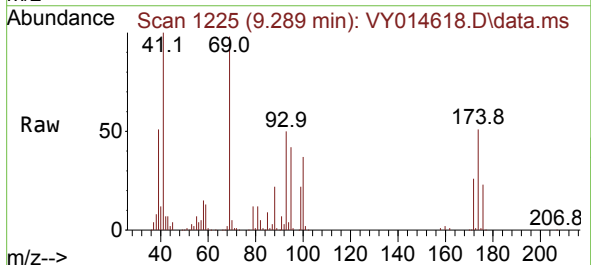
Instrument :  
MSVOA\_Y  
ClientSampleId :

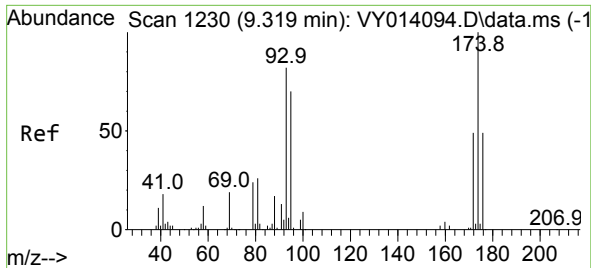
Tgt Ion: 83 Resp: 243641  
Ion Ratio Lower Upper  
83 100  
85 63.5 50.1 75.1  
127 9.0 7.1 10.7



#48  
Methyl methacrylate  
Concen: 54.225 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.005 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

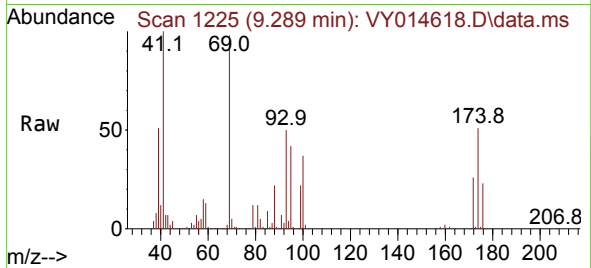
Tgt Ion: 41 Resp: 121991  
Ion Ratio Lower Upper  
41 100  
69 98.3 64.5 96.7#  
39 50.3 50.8 76.2#



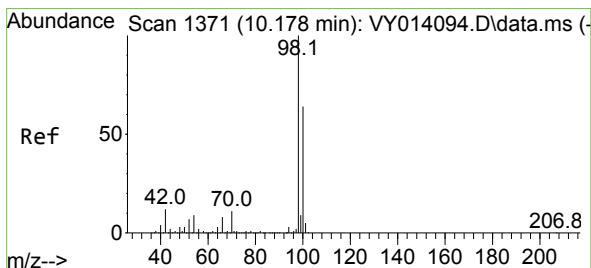
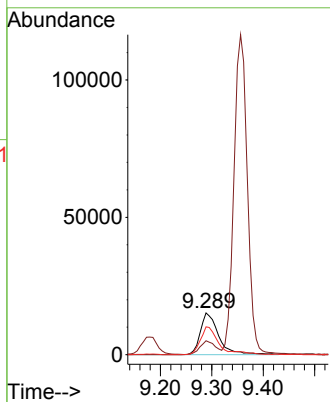
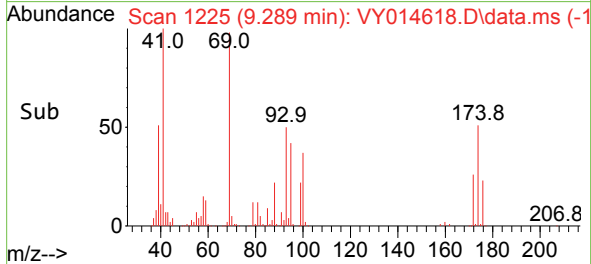


#49  
1,4-Dioxane  
Concen: 1049.990 ug/l  
RT: 9.289 min Scan# 11  
Delta R.T. -0.030 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

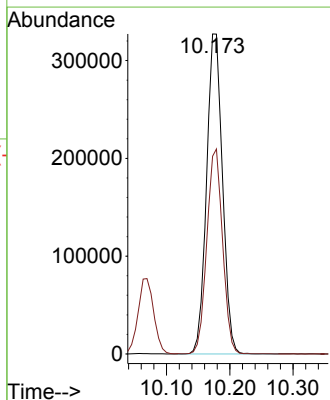
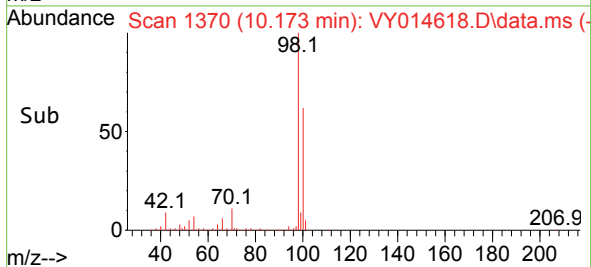
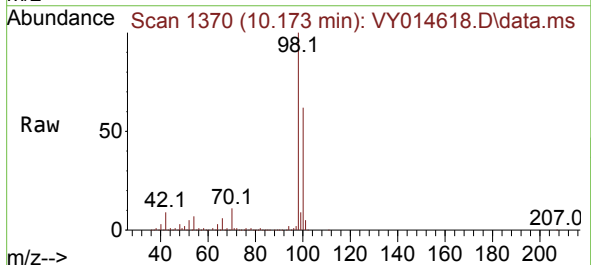


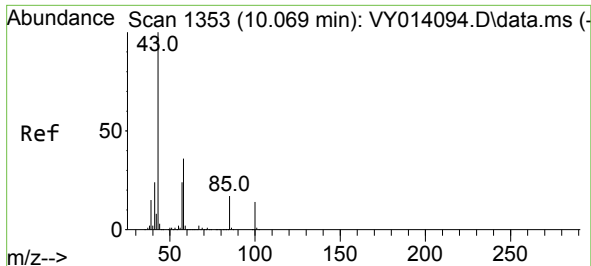
Tgt Ion: 88 Resp: 37731  
Ion Ratio Lower Upper  
88 100  
43 27.9 0.0 0.0#  
58 67.7 30.9 46.3#



#50  
Toluene-d8  
Concen: 52.092 ug/l  
RT: 10.173 min Scan# 1370  
Delta R.T. -0.005 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

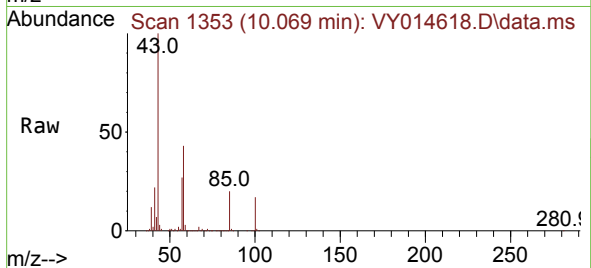
Tgt Ion: 98 Resp: 572403  
Ion Ratio Lower Upper  
98 100  
100 63.4 50.1 75.1



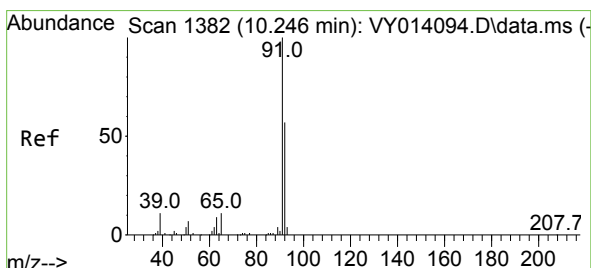
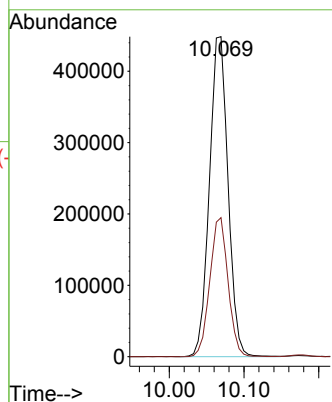
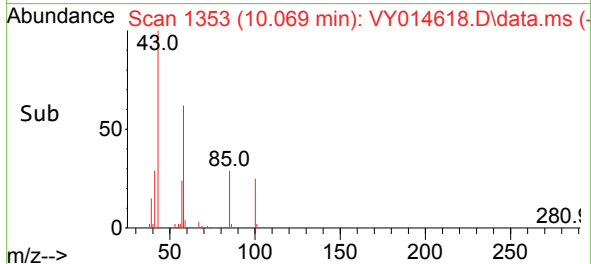


#51  
4-Methyl-2-Pentanone  
Concen: 264.882 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

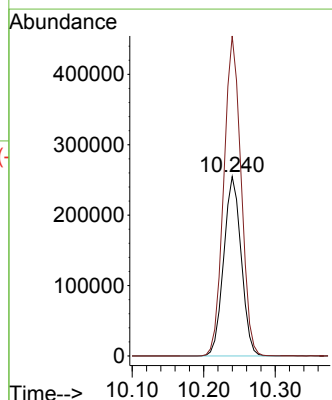
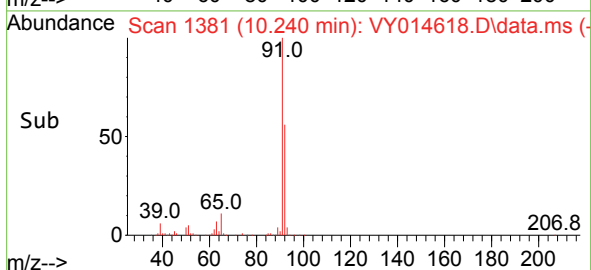
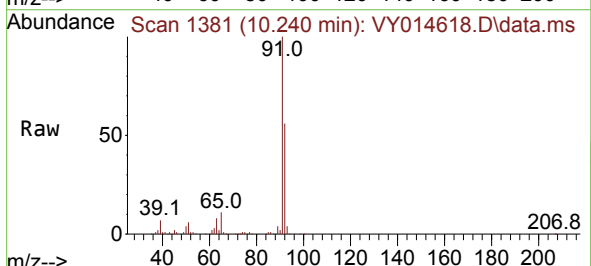


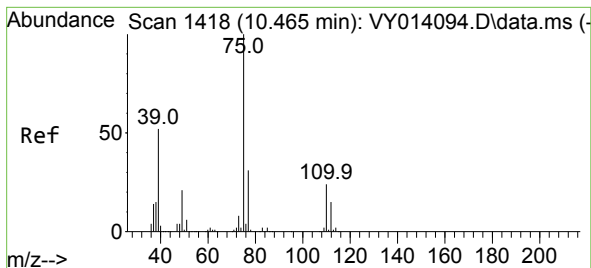
Tgt Ion: 43 Resp: 775806  
Ion Ratio Lower Upper  
43 100  
58 42.5 29.0 43.6



#52  
Toluene  
Concen: 53.270 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion: 92 Resp: 431946  
Ion Ratio Lower Upper  
92 100  
91 176.8 143.8 215.6

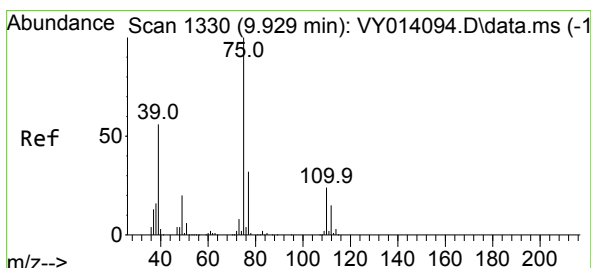
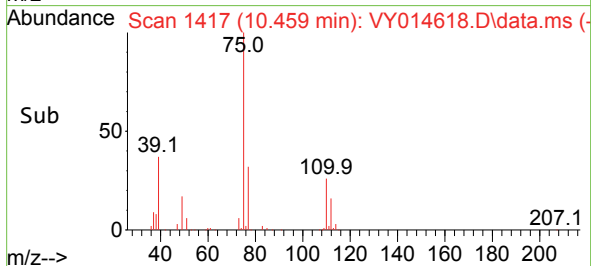
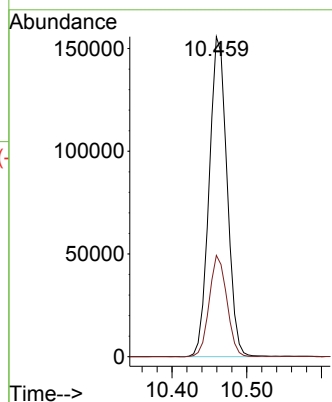
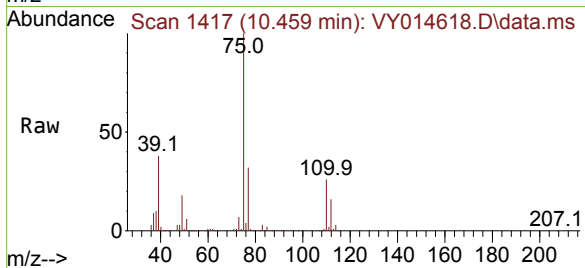




#53  
t-1,3-Dichloropropene  
Concen: 54.532 ug/l  
RT: 10.459 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

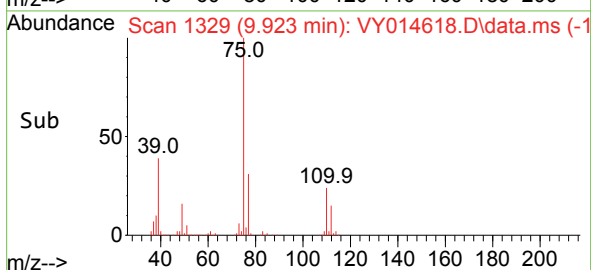
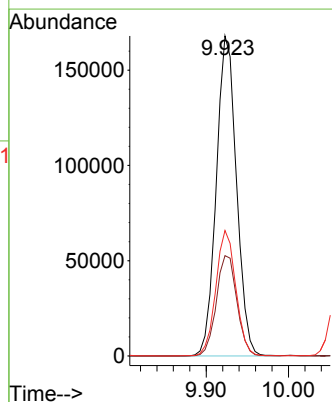
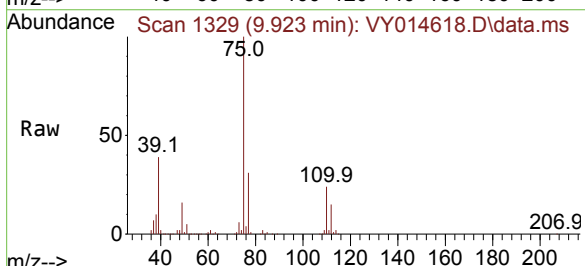
Instrument :  
MSVOA\_Y  
ClientSampleId :

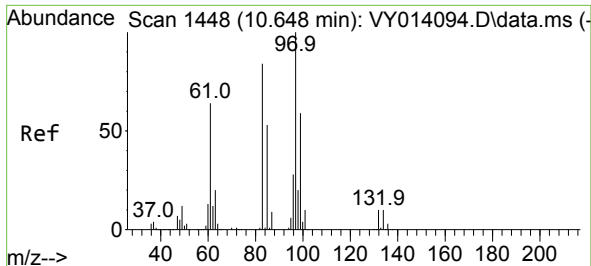
Tgt Ion: 75 Resp: 258568  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.0 37.4



#54  
cis-1,3-Dichloropropene  
Concen: 54.176 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion: 75 Resp: 286607  
Ion Ratio Lower Upper  
75 100  
77 31.4 24.2 36.4  
39 39.1 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 54.313 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 97 Resp: 159040

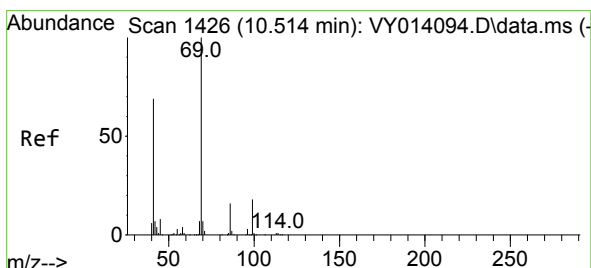
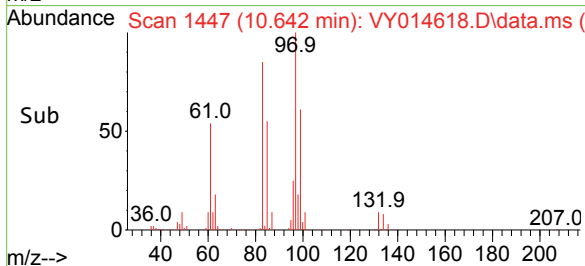
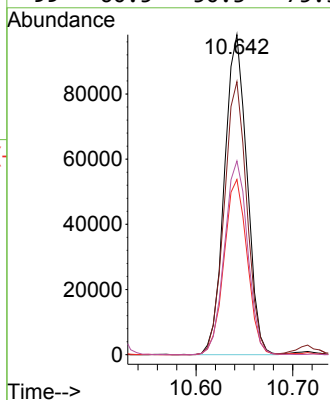
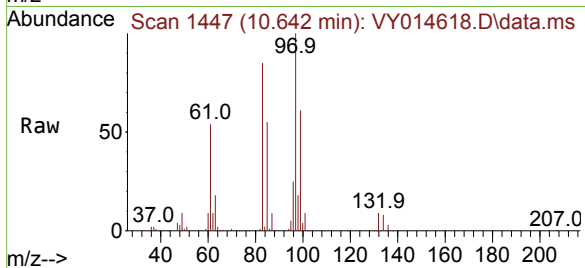
Ion Ratio Lower Upper

97 100

83 85.3 72.0 108.0

85 54.7 45.4 68.0

99 60.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 54.305 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

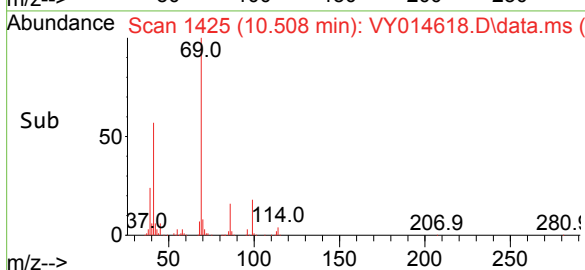
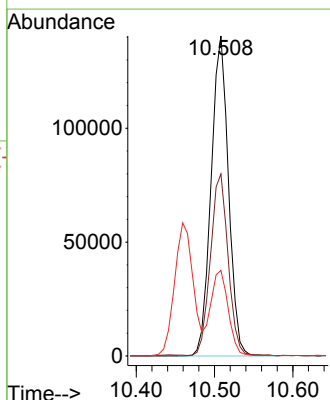
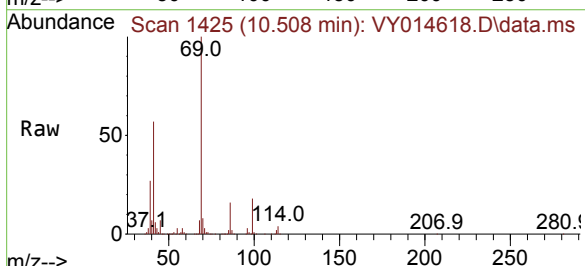
Tgt Ion: 69 Resp: 216310

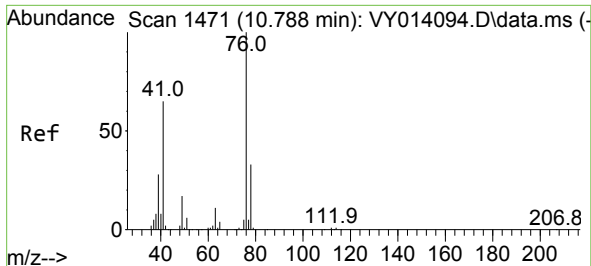
Ion Ratio Lower Upper

69 100

41 57.7 57.6 86.4

39 27.5 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 53.123 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

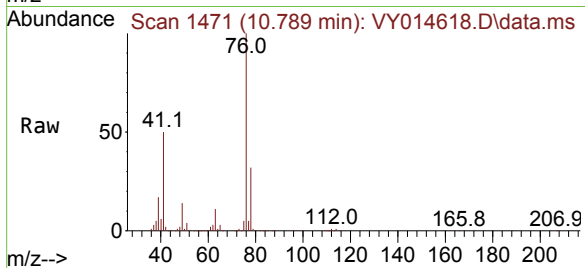
Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

ClientSampleId :

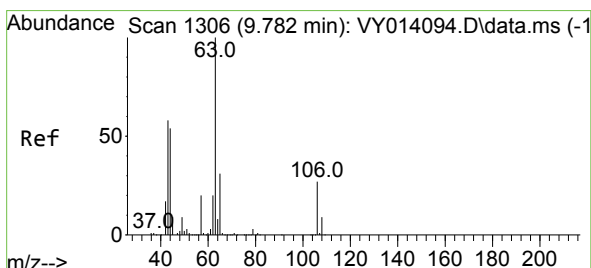
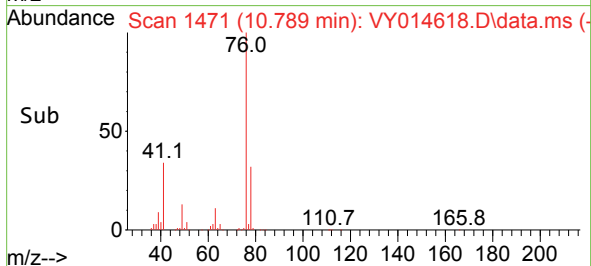
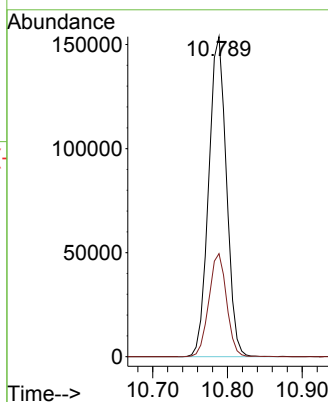


Tgt Ion: 76 Resp: 253458

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 263.653 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. -0.005 min

Lab File: VY014618.D

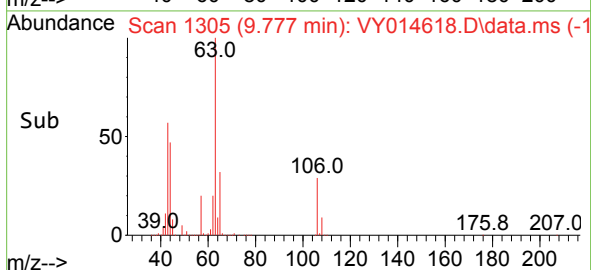
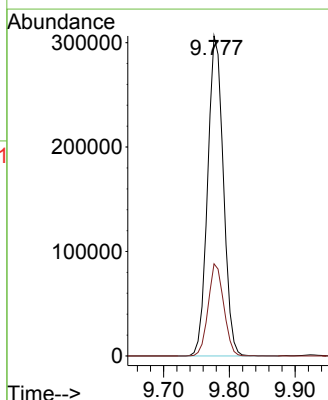
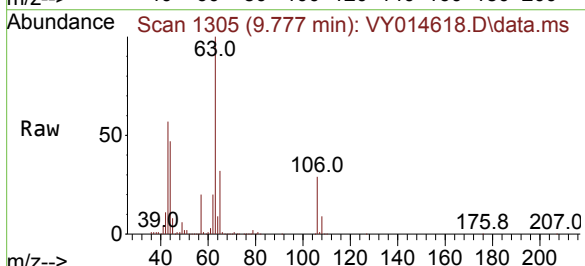
Acq: 10 Jul 2023 16:23

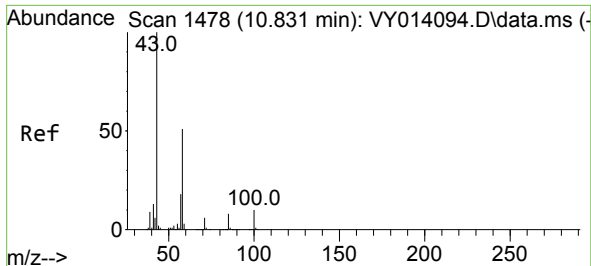
Tgt Ion: 63 Resp: 508765

Ion Ratio Lower Upper

63 100

106 28.5 21.2 31.8

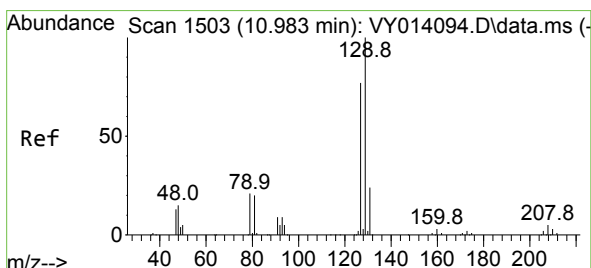
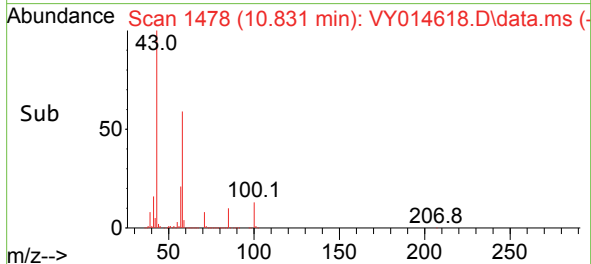
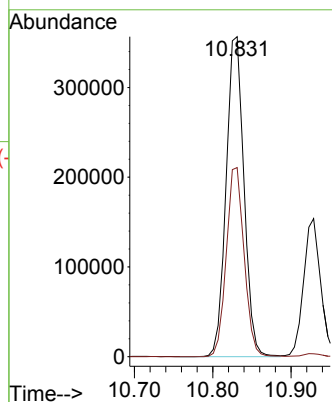
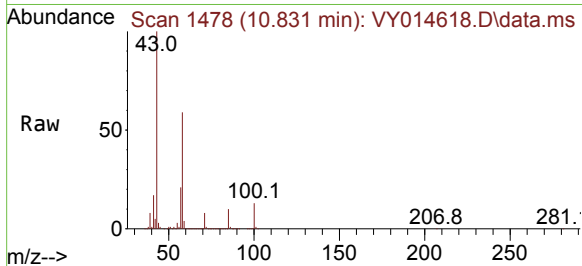




#59  
2-Hexanone  
Concen: 267.315 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

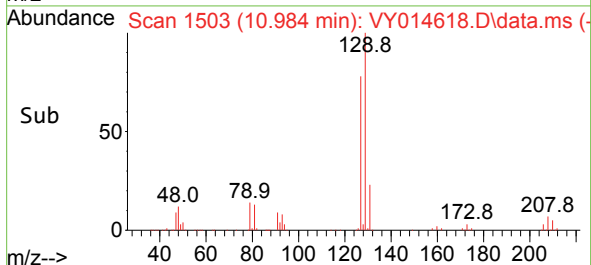
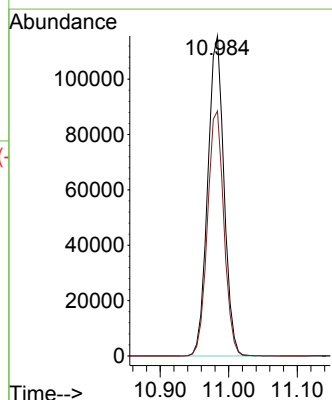
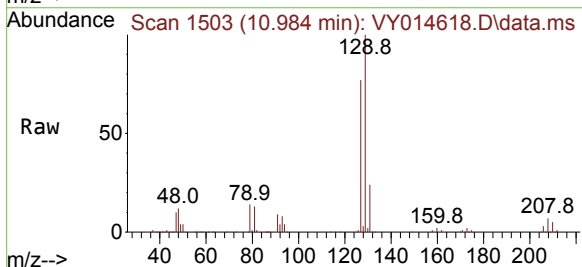
Instrument :  
MSVOA\_Y  
ClientSampleId :

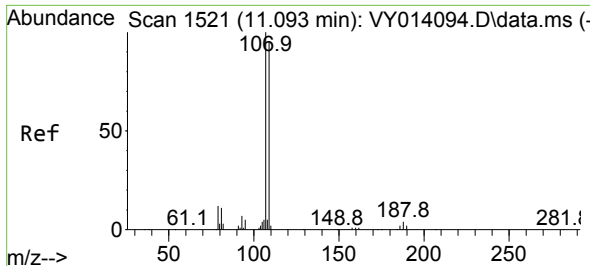
Tgt Ion: 43 Resp: 565559  
Ion Ratio Lower Upper  
43 100  
58 59.0 25.1 75.3



#60  
Dibromochloromethane  
Concen: 55.347 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.001 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion:129 Resp: 189902  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.5 115.5

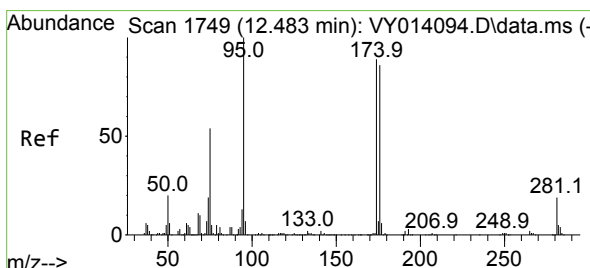
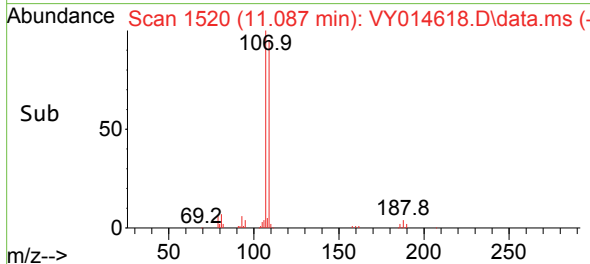
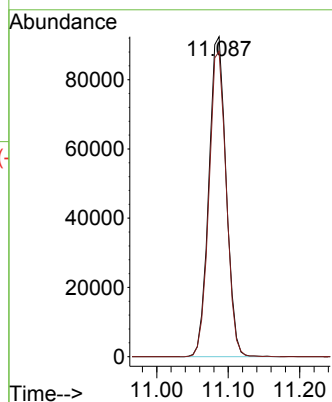
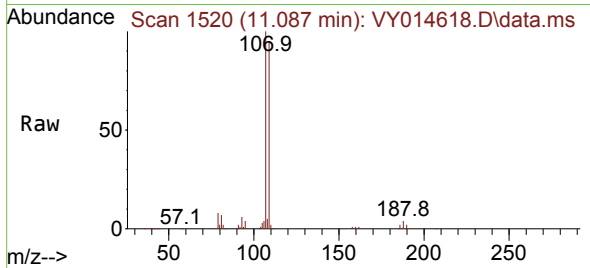




#61  
1,2-Dibromoethane  
Concen: 54.368 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

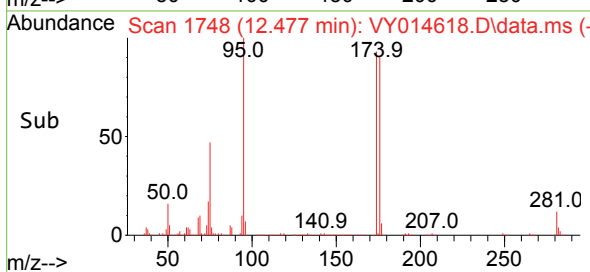
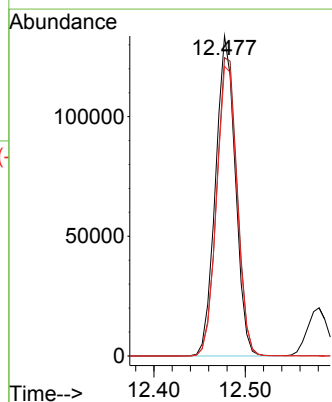
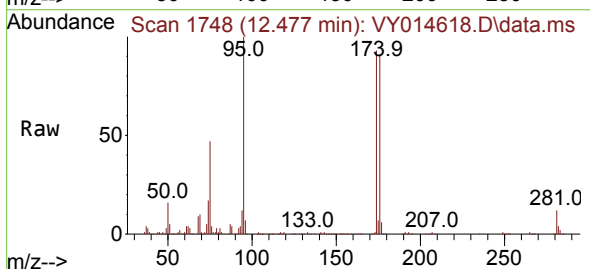
Instrument :  
MSVOA\_Y  
ClientSampleId :

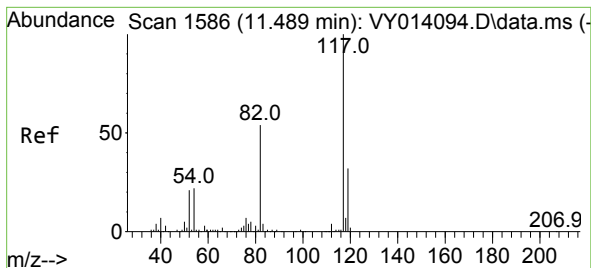
Tgt Ion:107 Resp: 155425  
Ion Ratio Lower Upper  
107 100  
109 95.2 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 52.860 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion: 95 Resp: 201690  
Ion Ratio Lower Upper  
95 100  
174 97.1 0.0 178.2  
176 93.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

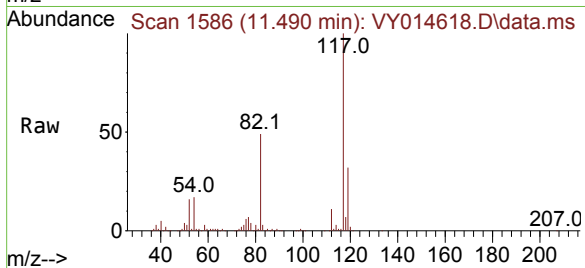
Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

ClientSampleId :



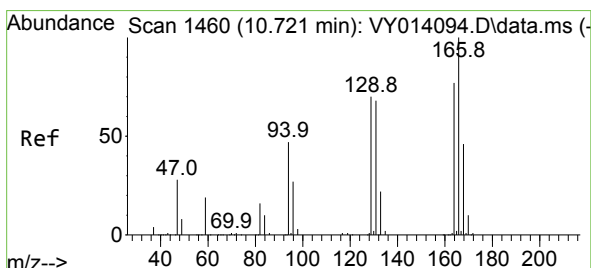
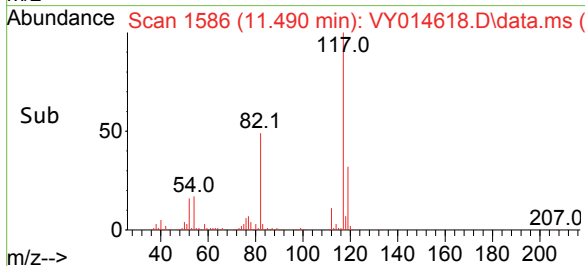
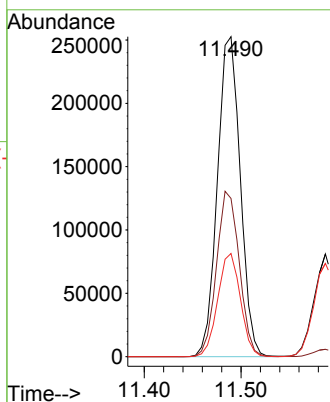
Tgt Ion:117 Resp: 415083

Ion Ratio Lower Upper

117 100

82 49.4 43.4 65.0

119 32.3 26.3 39.5



#64

Tetrachloroethene

Concen: 54.278 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Tgt Ion:164 Resp: 201404

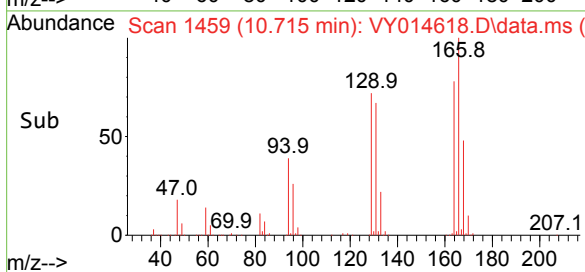
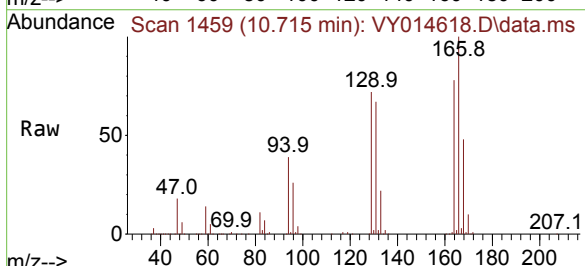
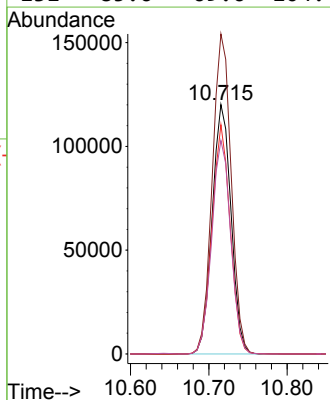
Ion Ratio Lower Upper

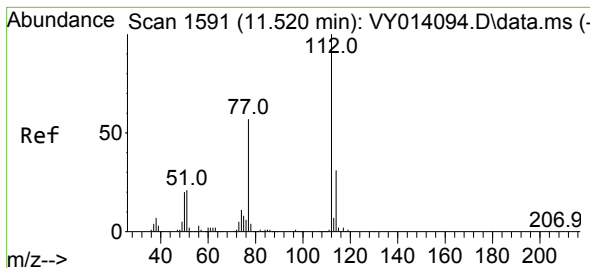
164 100

166 128.3 103.0 154.6

129 92.0 77.2 115.8

131 85.6 69.6 104.4

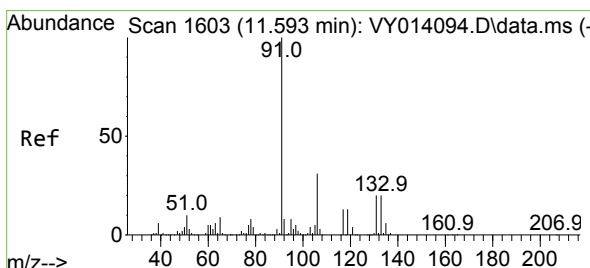
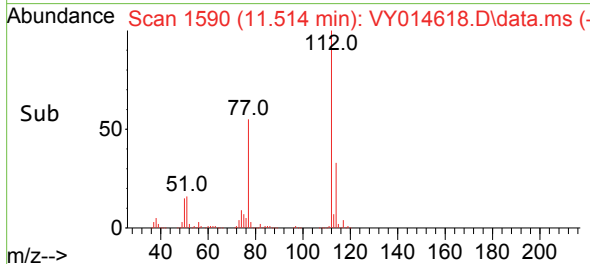
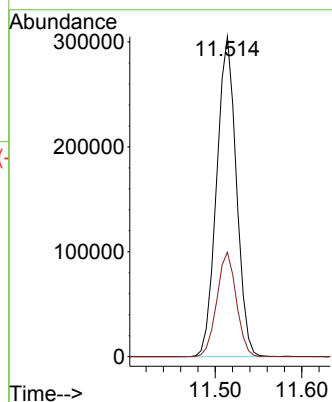
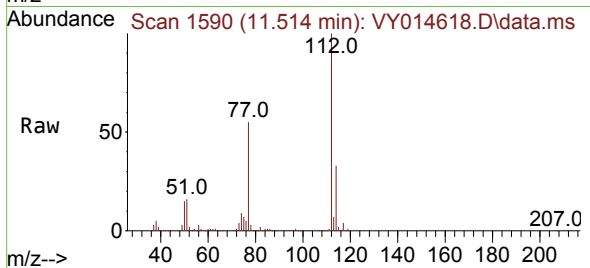




#65  
Chlorobenzene  
Concen: 54.527 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

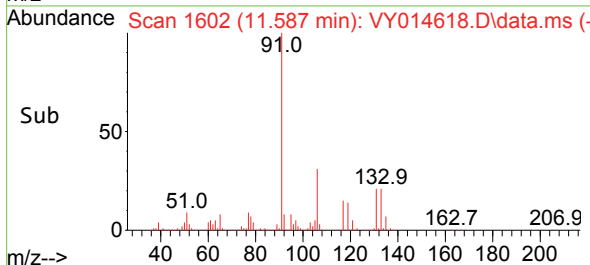
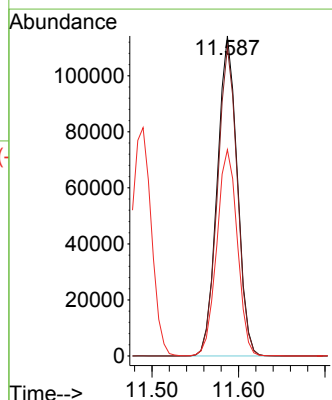
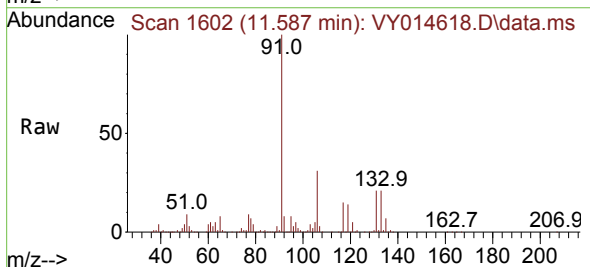
Instrument :  
MSVOA\_Y  
ClientSampleId :

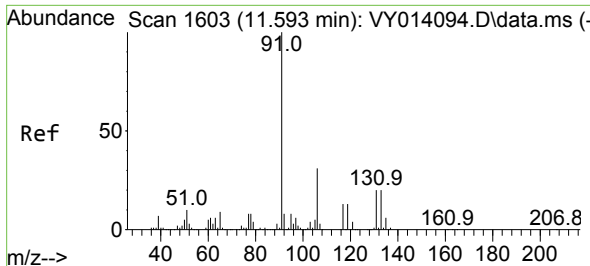
Tgt Ion:112 Resp: 482338  
Ion Ratio Lower Upper  
112 100  
114 32.7 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.520 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion:131 Resp: 183299  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.5 142.6  
119 65.9 31.6 94.7





#67

Ethyl Benzene

Concen: 55.180 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

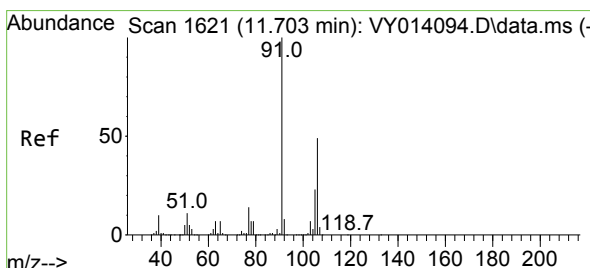
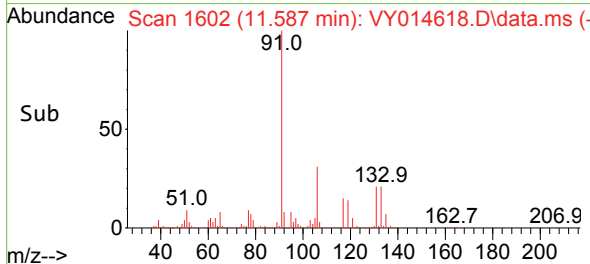
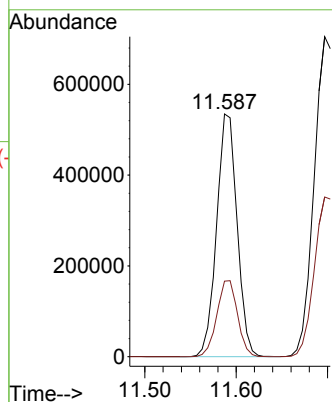
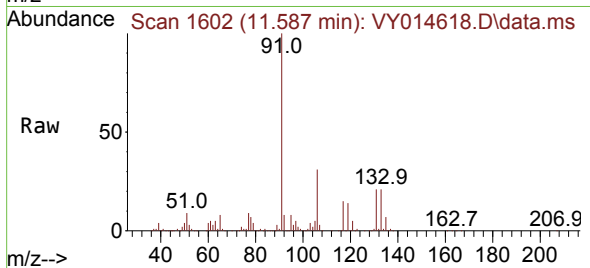
ClientSampleId :

Tgt Ion: 91 Resp: 832383

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 109.105 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014618.D

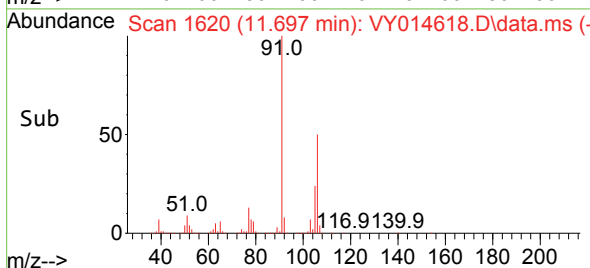
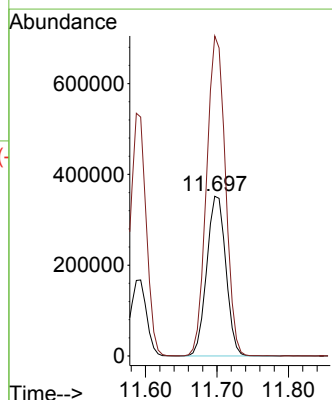
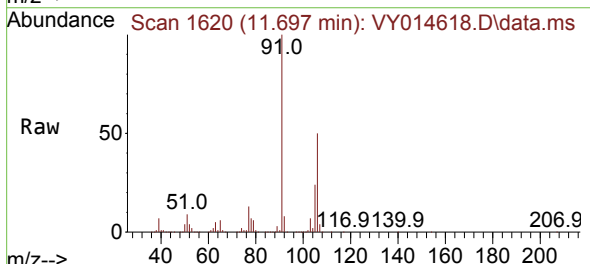
Acq: 10 Jul 2023 16:23

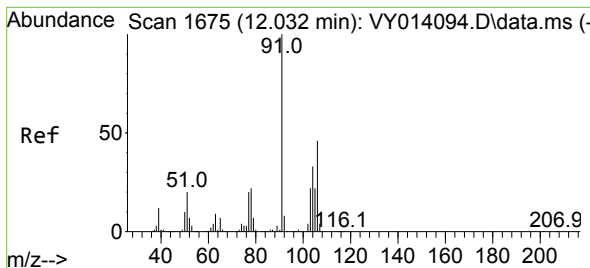
Tgt Ion:106 Resp: 652846

Ion Ratio Lower Upper

106 100

91 197.9 166.1 249.1





#69

o-Xylene

Concen: 55.498 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

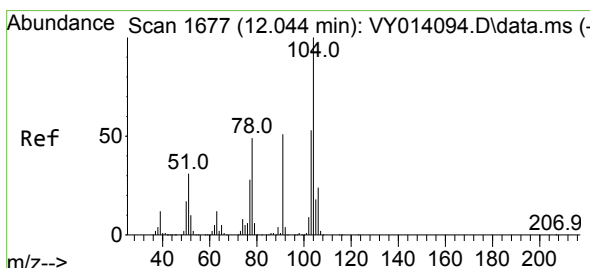
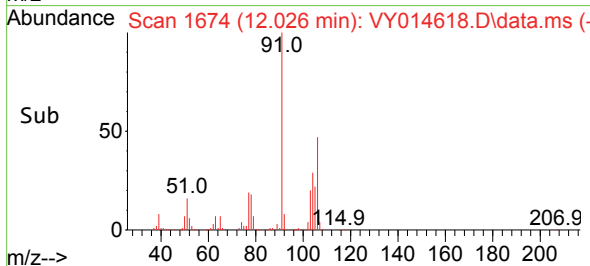
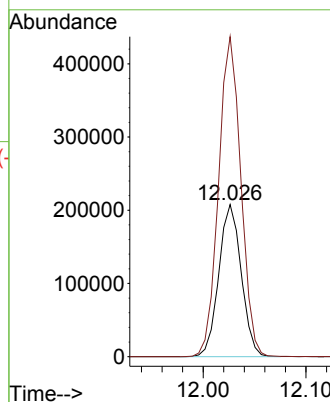
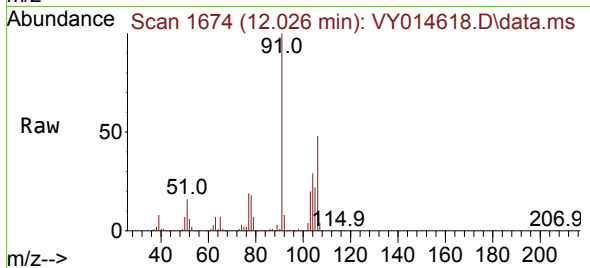
ClientSampleId :

Tgt Ion:106 Resp: 314962

Ion Ratio Lower Upper

106 100

91 208.9 108.1 324.3



#70

Styrene

Concen: 56.077 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

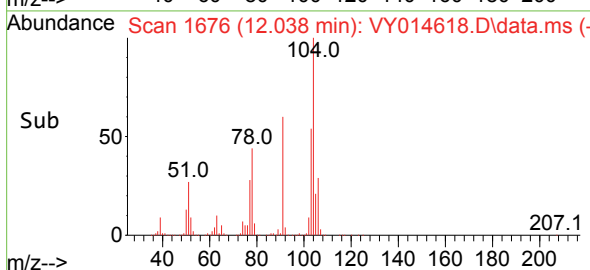
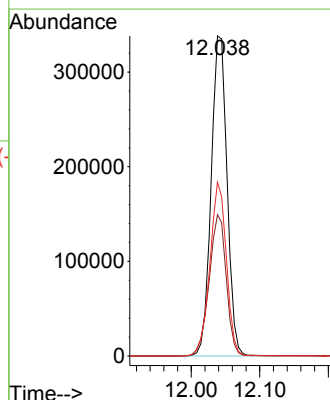
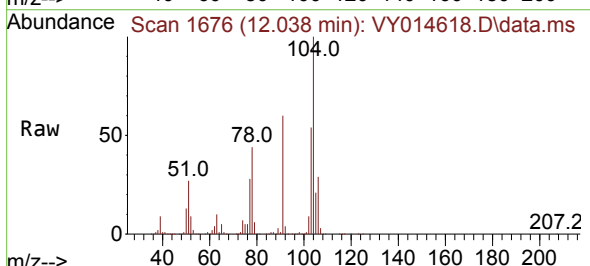
Tgt Ion:104 Resp: 547545

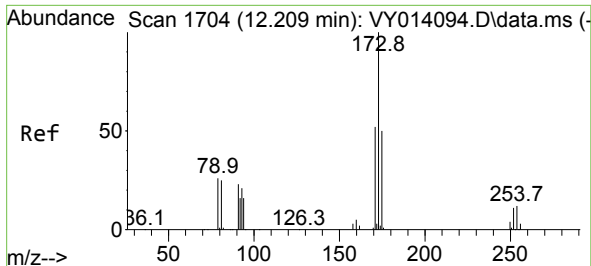
Ion Ratio Lower Upper

104 100

78 47.4 41.5 62.3

103 56.2 44.6 67.0

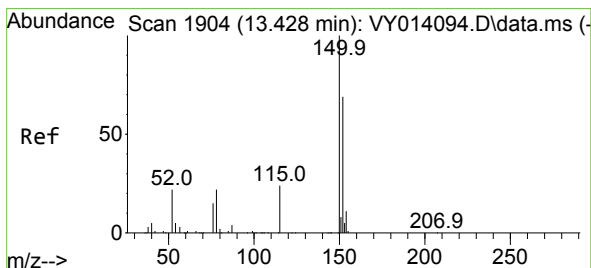
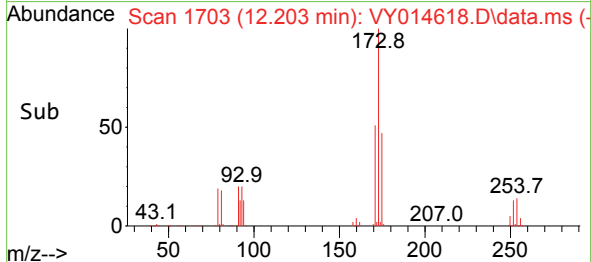
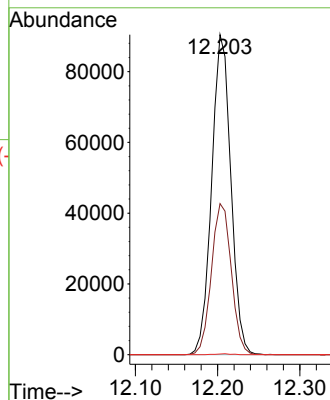
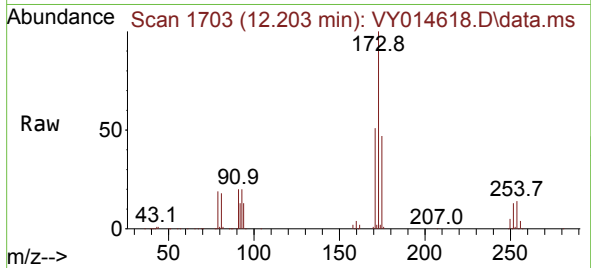




#71  
Bromoform  
Concen: 57.259 ug/l  
RT: 12.203 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

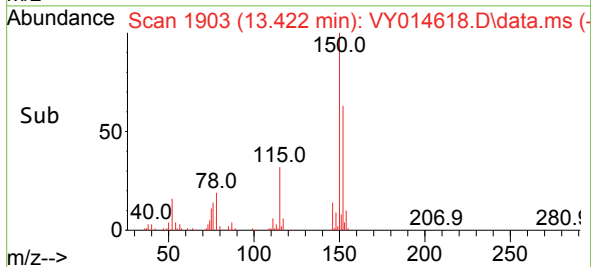
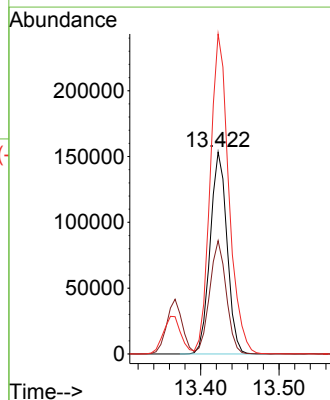
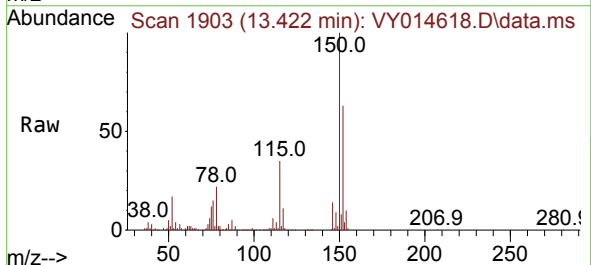
Instrument :  
MSVOA\_Y  
ClientSampleId :

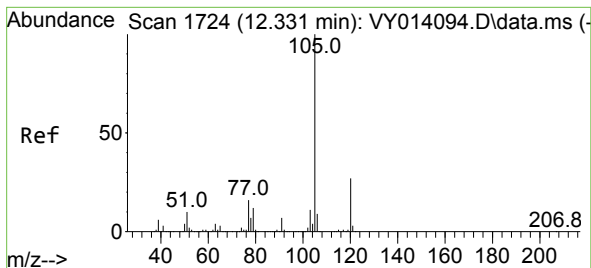
Tgt Ion:173 Resp: 146253  
Ion Ratio Lower Upper  
173 100  
175 48.9 24.6 73.8  
254 0.2 0.2 0.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion:152 Resp: 229161  
Ion Ratio Lower Upper  
152 100  
115 55.2 28.8 86.5  
150 175.1 0.0 348.8





#73

Isopropylbenzene

Concen: 55.162 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

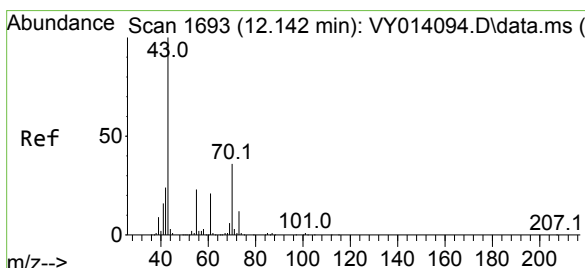
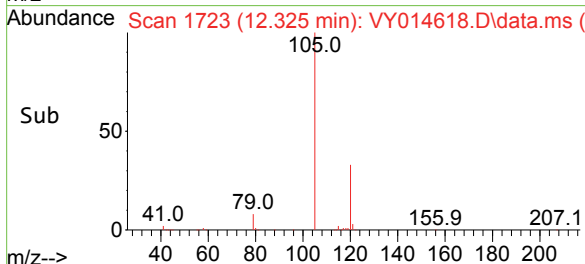
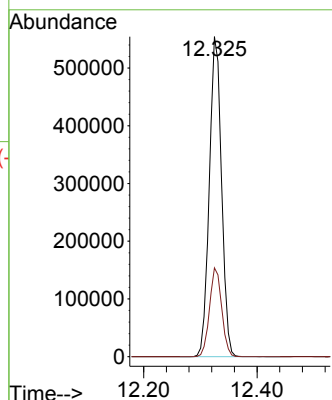
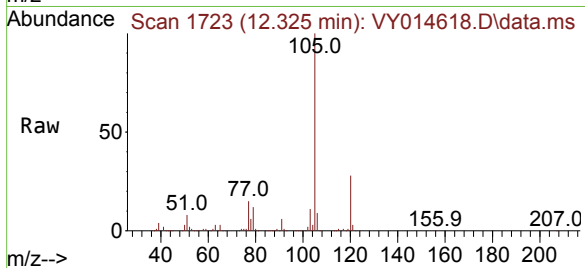
ClientSampleId :

Tgt Ion:105 Resp: 827891

Ion Ratio Lower Upper

105 100

120 27.7 13.3 39.9



#74

N-ethyl acetate

Concen: 53.251 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Tgt Ion: 43 Resp: 241210

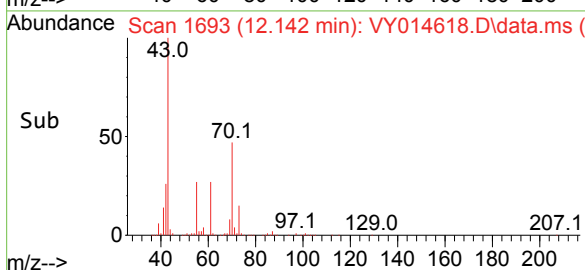
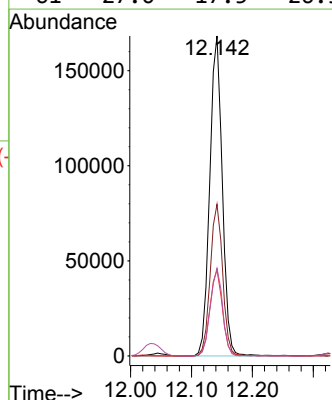
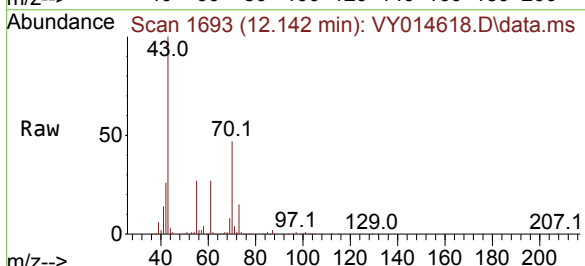
Ion Ratio Lower Upper

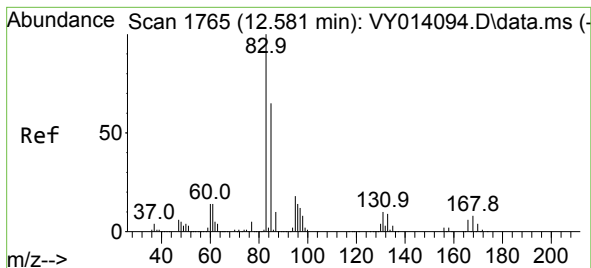
43 100

70 47.0 29.7 44.5#

55 26.9 18.3 27.5

61 27.0 17.5 26.3#

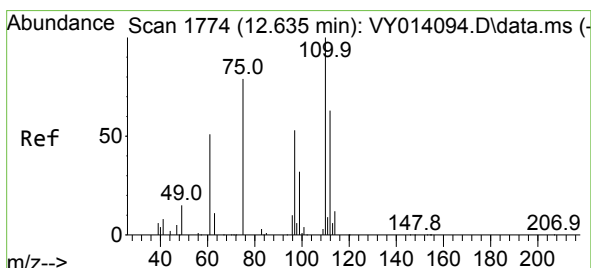
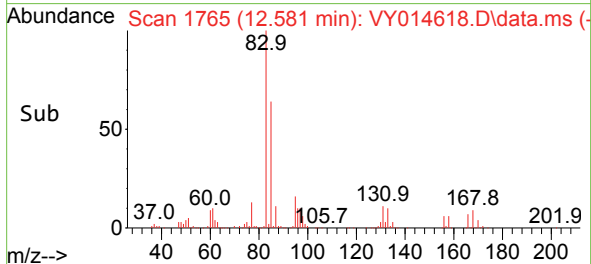
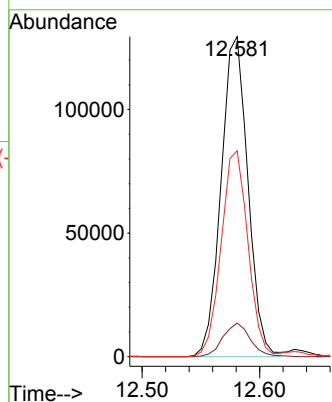
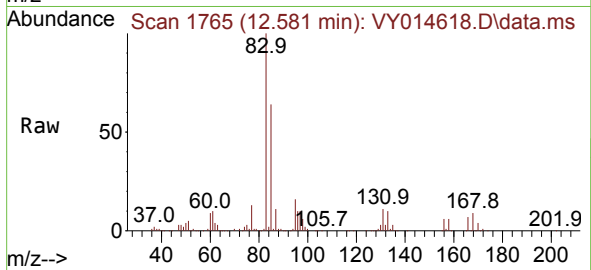




#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.389 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

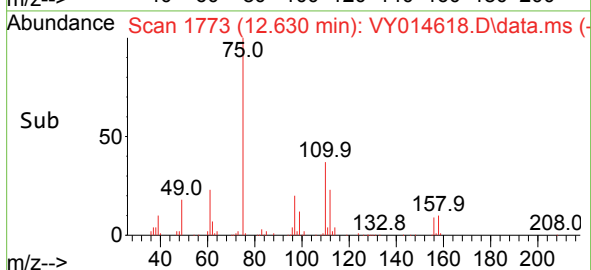
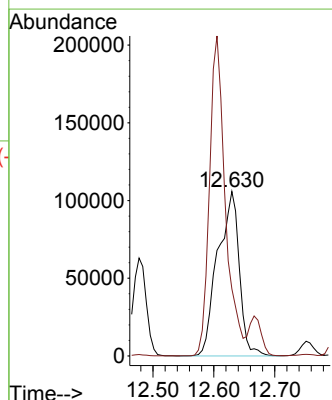
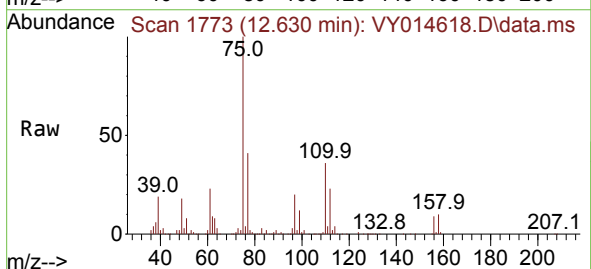
Instrument :  
MSVOA\_Y  
ClientSampleId :

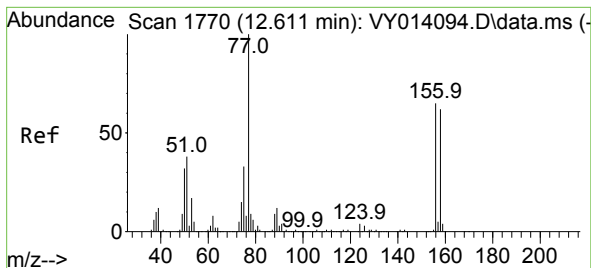
Tgt Ion: 83 Resp: 205625  
Ion Ratio Lower Upper  
83 100  
131 10.7 5.4 16.2  
85 64.5 31.8 95.4



#76  
1,2,3-Trichloropropane  
Concen: 96.976 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.005 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion: 75 Resp: 260780  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.862 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

ClientSampleId :

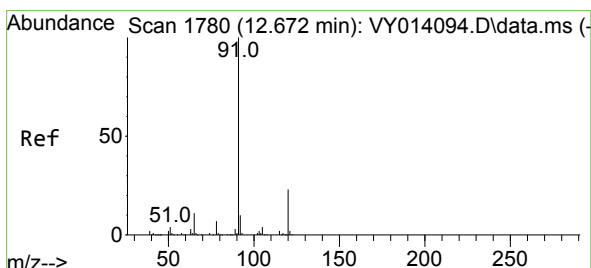
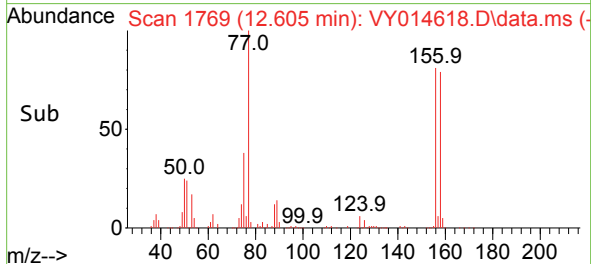
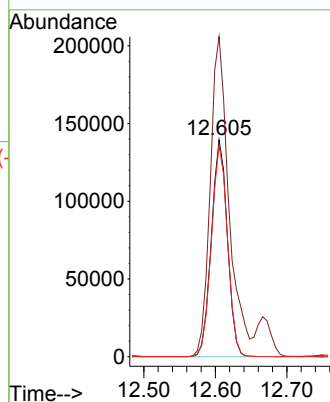
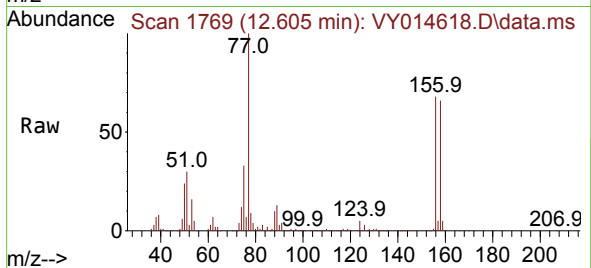
Tgt Ion:156 Resp: 216693

Ion Ratio Lower Upper

156 100

77 171.4 92.8 278.6

158 98.1 48.4 145.3



#78

n-propylbenzene

Concen: 53.971 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY014618.D

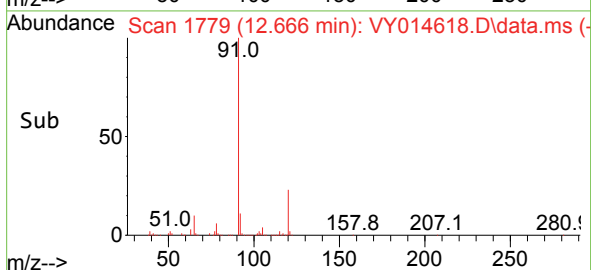
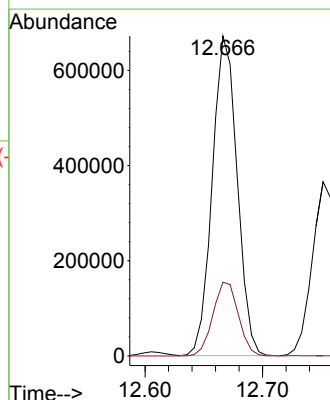
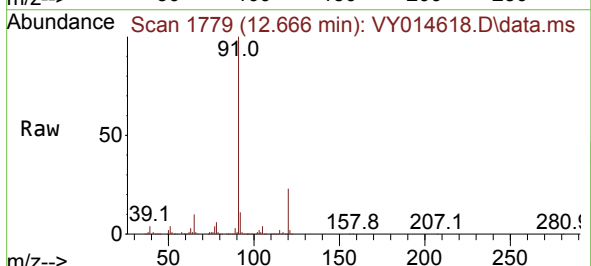
Acq: 10 Jul 2023 16:23

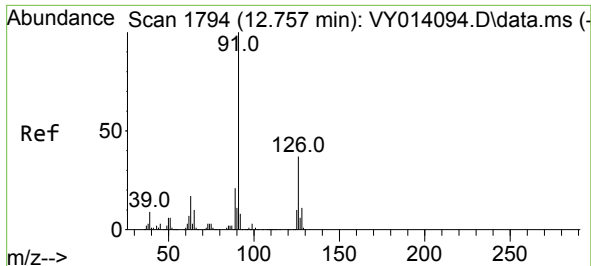
Tgt Ion: 91 Resp: 988094

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

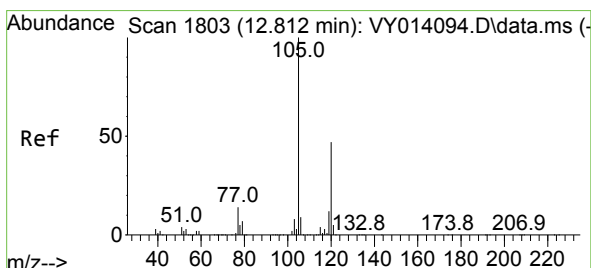
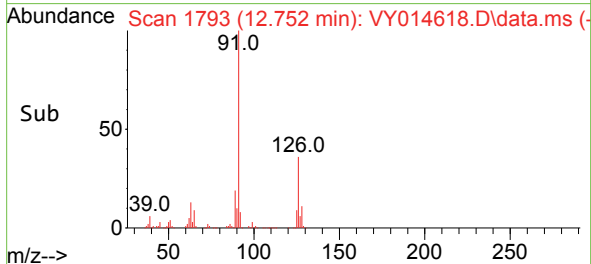
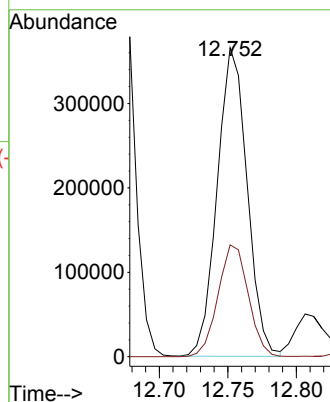
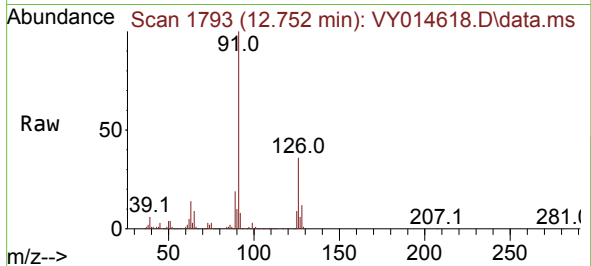




#79  
2-Chlorotoluene  
Concen: 52.758 ug/l  
RT: 12.752 min Scan# 1794  
Delta R.T. -0.005 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

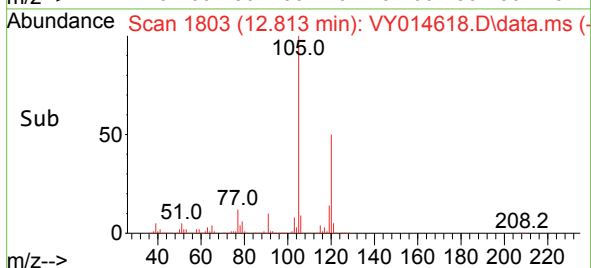
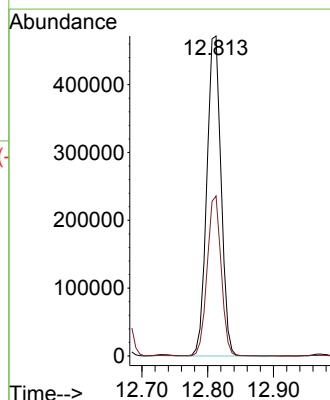
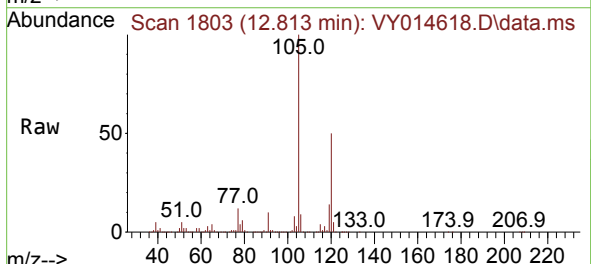
Instrument :  
MSVOA\_Y  
ClientSampleId :

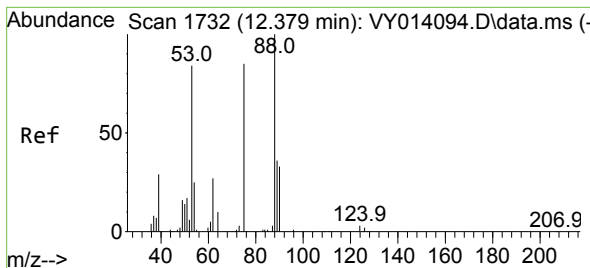
Tgt Ion: 91 Resp: 555858  
Ion Ratio Lower Upper  
91 100  
126 36.7 17.3 51.7



#80  
1,3,5-Trimethylbenzene  
Concen: 55.850 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.001 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion: 105 Resp: 709610  
Ion Ratio Lower Upper  
105 100  
120 49.1 23.9 71.7

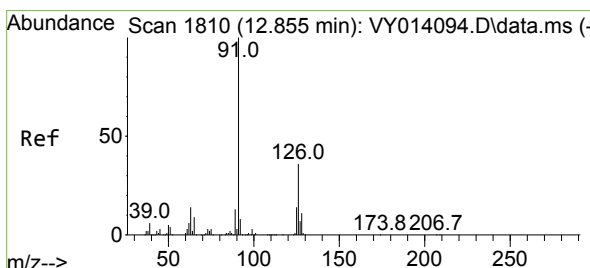
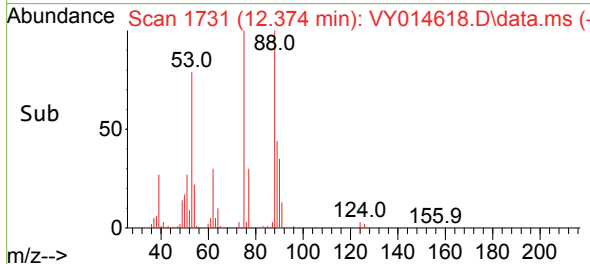
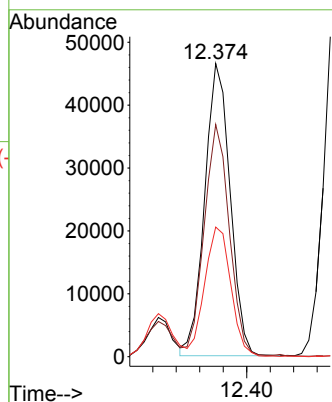
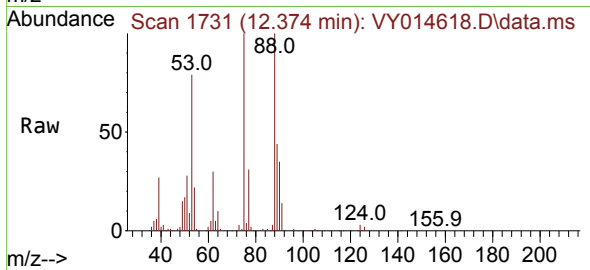




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.549 ug/l  
RT: 12.374 min Scan# 1731  
Delta R.T. -0.005 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

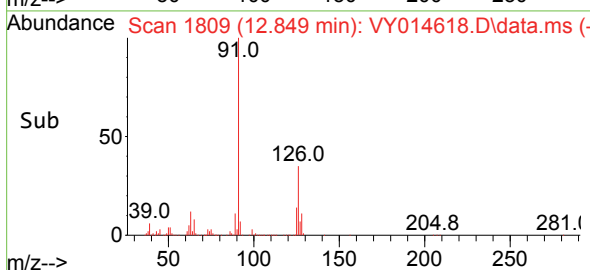
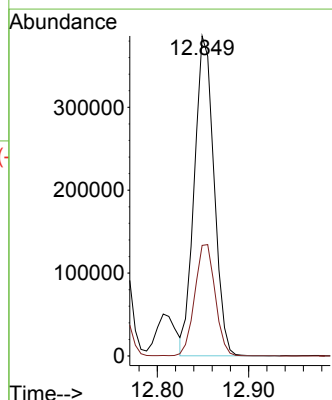
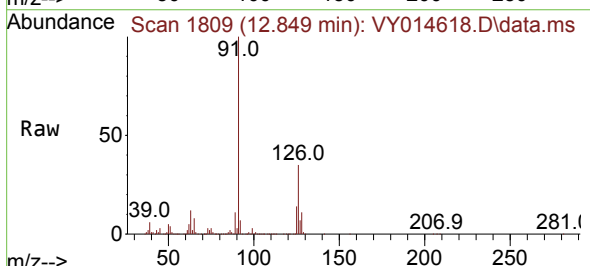
Instrument :  
MSVOA\_Y  
ClientSampleId :

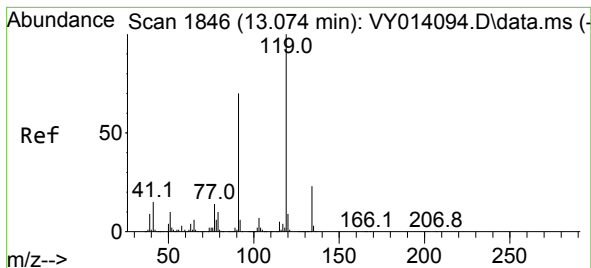
Tgt Ion: 75 Resp: 69837  
Ion Ratio Lower Upper  
75 100  
53 78.2 77.8 116.8  
89 45.8 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 52.221 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion: 91 Resp: 576416  
Ion Ratio Lower Upper  
91 100  
126 36.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 54.515 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.005 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

ClientSampleId :

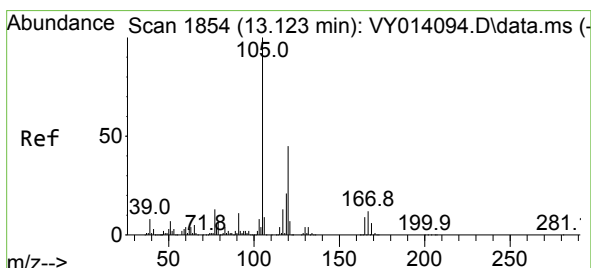
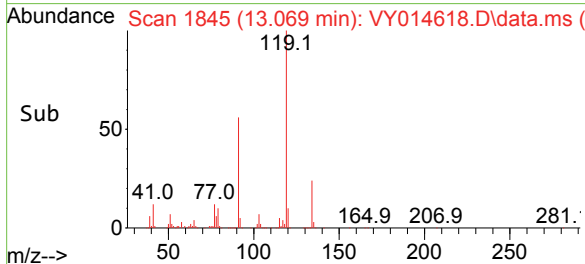
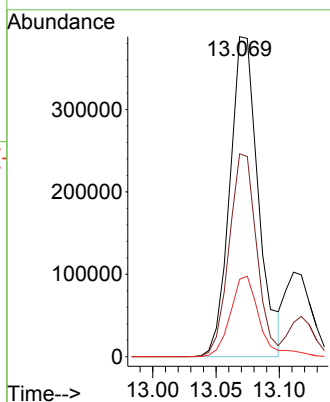
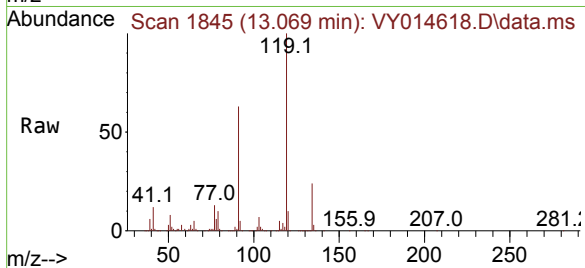
Tgt Ion:119 Resp: 608738

Ion Ratio Lower Upper

119 100

91 61.5 32.9 98.6

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 55.361 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014618.D

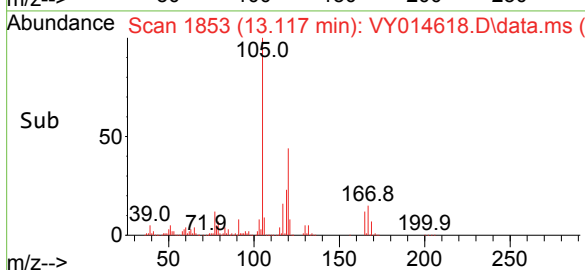
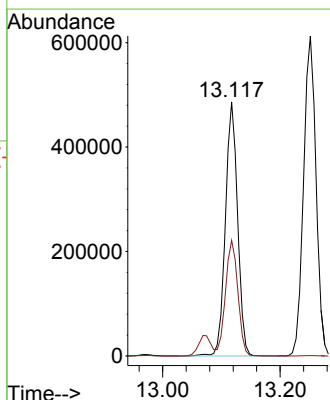
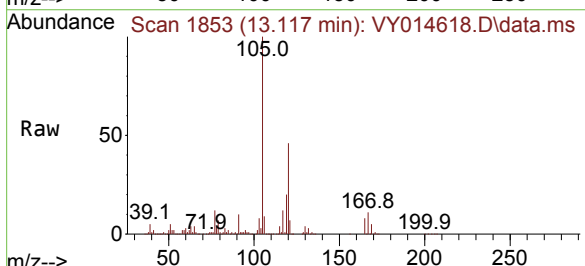
Acq: 10 Jul 2023 16:23

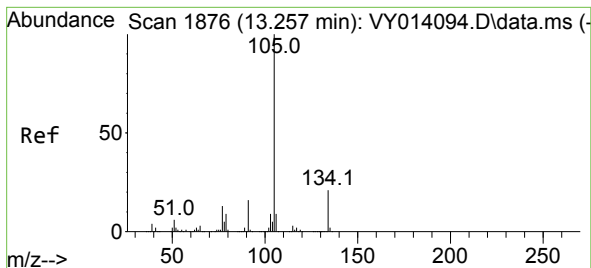
Tgt Ion:105 Resp: 701899

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 54.547 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

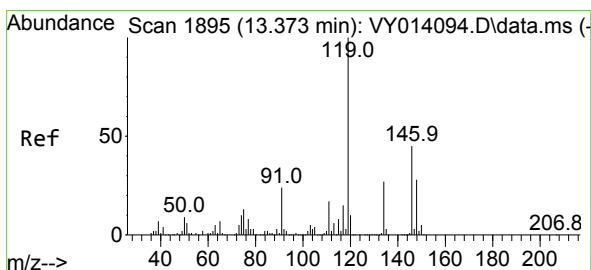
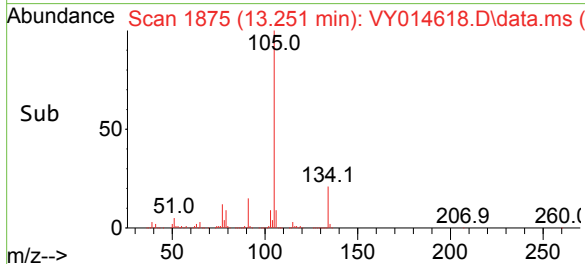
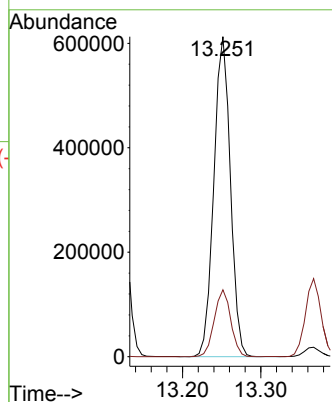
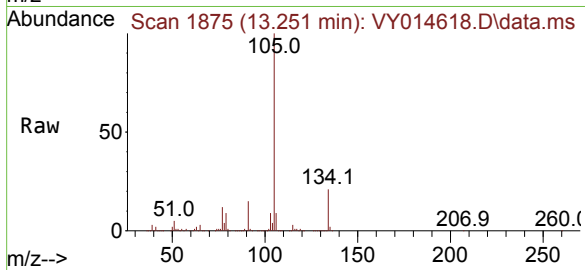
ClientSampleId :

Tgt Ion:105 Resp: 898795

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 54.200 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

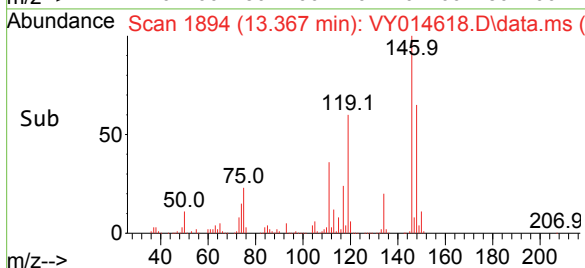
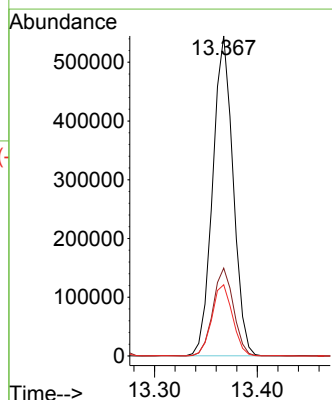
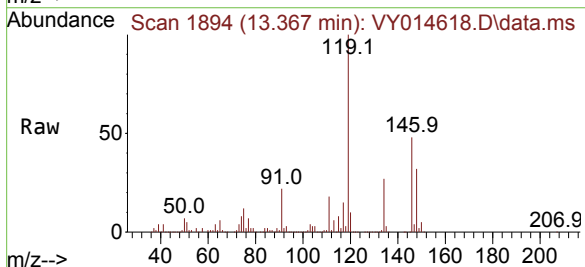
Tgt Ion:119 Resp: 751584

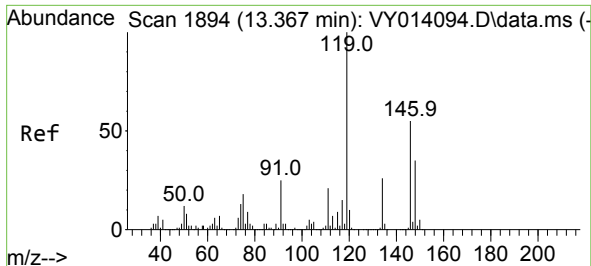
Ion Ratio Lower Upper

119 100

134 27.6 13.3 39.8

91 22.6 12.4 37.4

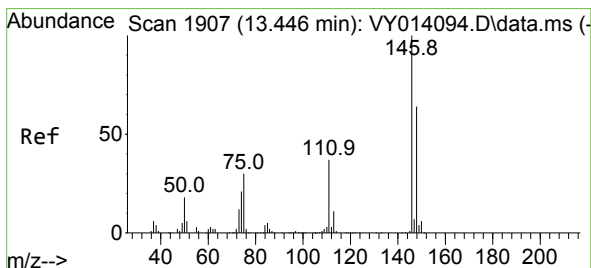
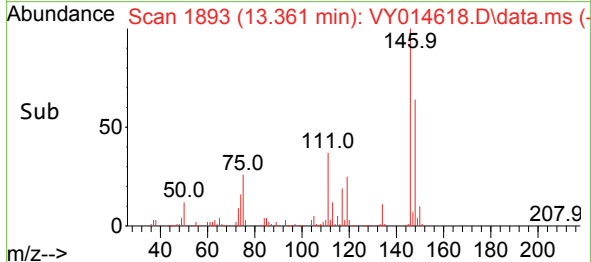
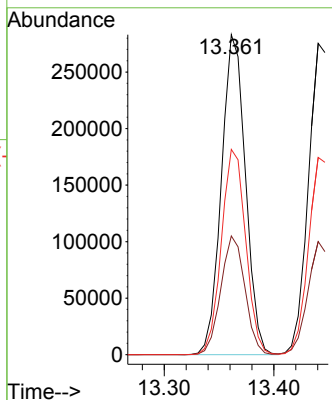
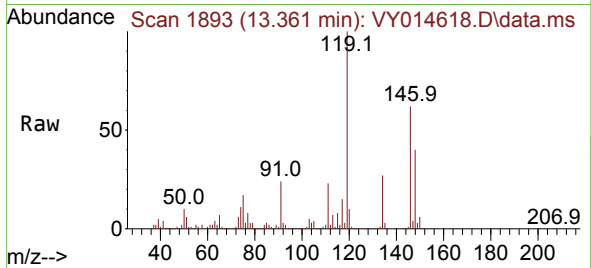




#87  
1,3-Dichlorobenzene  
Concen: 53.838 ug/l  
RT: 13.361 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

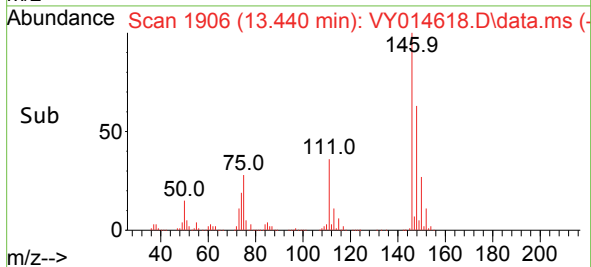
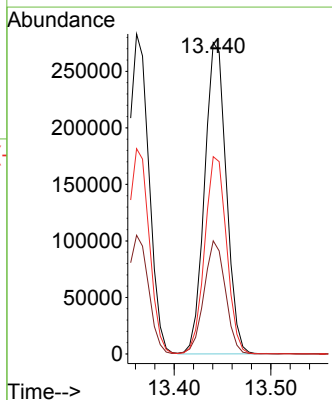
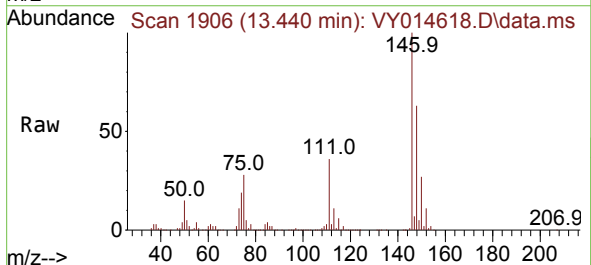
Instrument :  
MSVOA\_Y  
ClientSampleId :

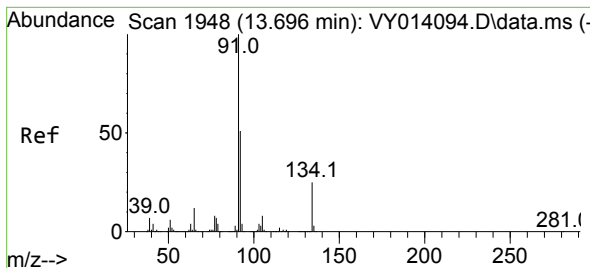
Tgt Ion:146 Resp: 431505  
Ion Ratio Lower Upper  
146 100  
111 37.2 19.4 58.2  
148 64.9 31.9 95.5



#88  
1,4-Dichlorobenzene  
Concen: 53.482 ug/l  
RT: 13.440 min Scan# 1906  
Delta R.T. -0.006 min  
Lab File: VY014618.D  
Acq: 10 Jul 2023 16:23

Tgt Ion:146 Resp: 429584  
Ion Ratio Lower Upper  
146 100  
111 35.7 18.9 56.7  
148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 55.137 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

ClientSampleId :

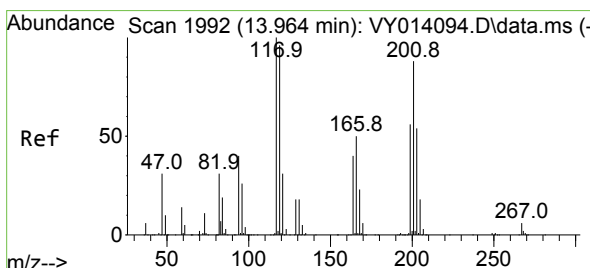
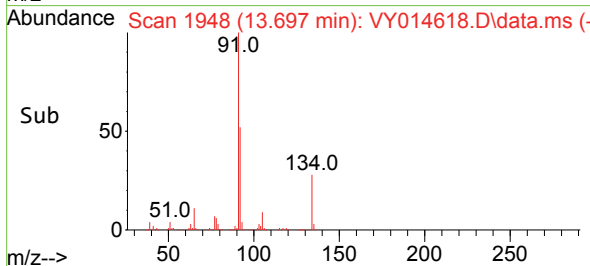
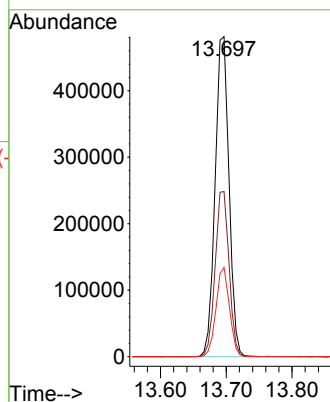
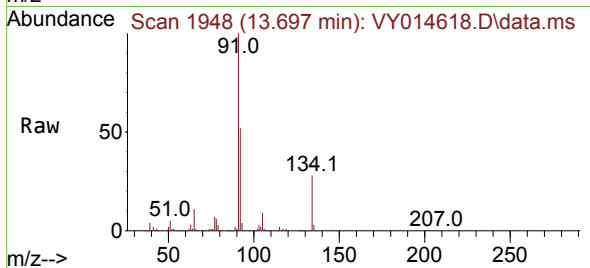
Tgt Ion: 91 Resp: 706579

Ion Ratio Lower Upper

91 100

92 51.8 25.4 76.0

134 27.1 12.6 37.6



#90

Hexachloroethane

Concen: 54.294 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014618.D

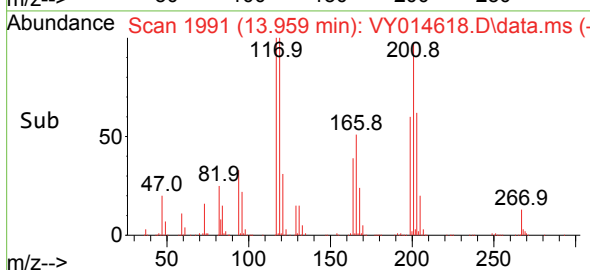
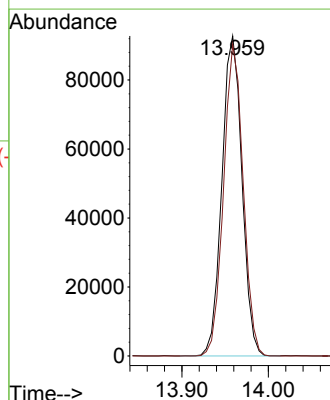
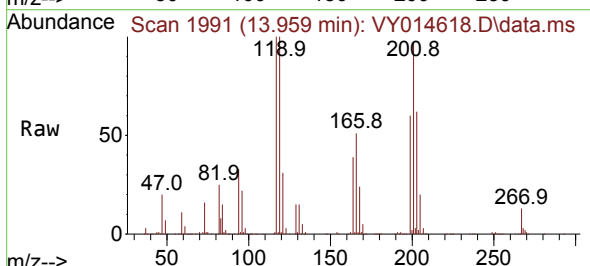
Acq: 10 Jul 2023 16:23

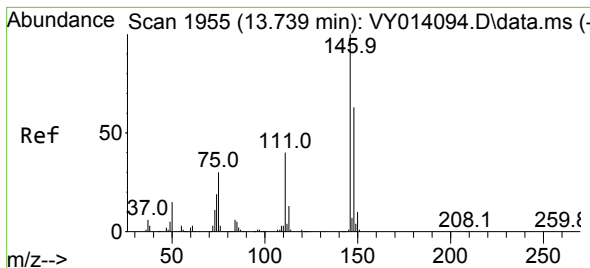
Tgt Ion: 117 Resp: 149134

Ion Ratio Lower Upper

117 100

201 95.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 54.738 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

ClientSampleId :

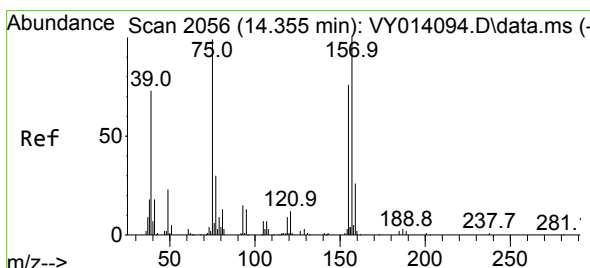
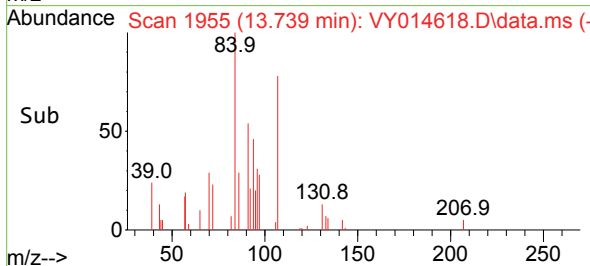
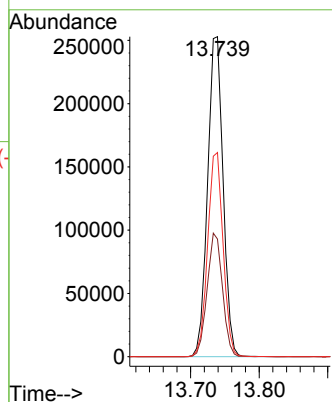
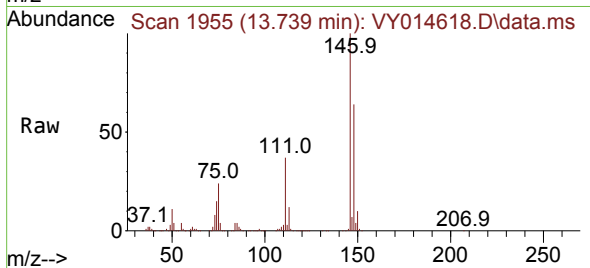
Tgt Ion:146 Resp: 397396

Ion Ratio Lower Upper

146 100

111 38.3 19.7 59.0

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.272 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

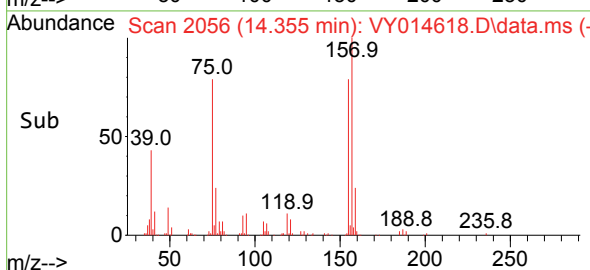
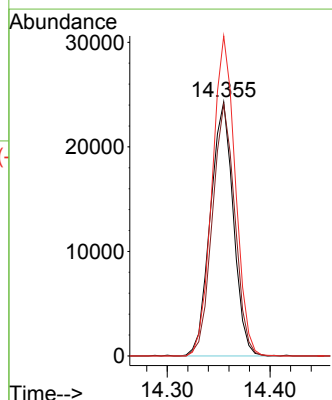
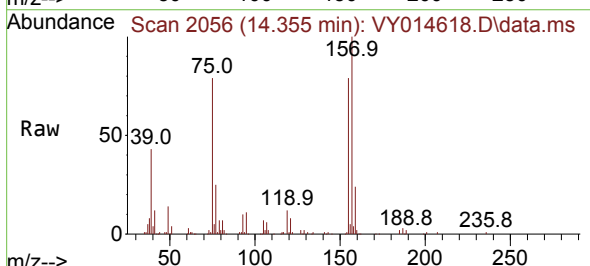
Tgt Ion: 75 Resp: 37564

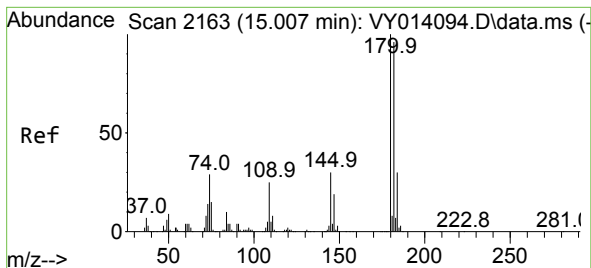
Ion Ratio Lower Upper

75 100

155 97.0 41.5 124.6

157 126.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 59.071 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

ClientSampleId :

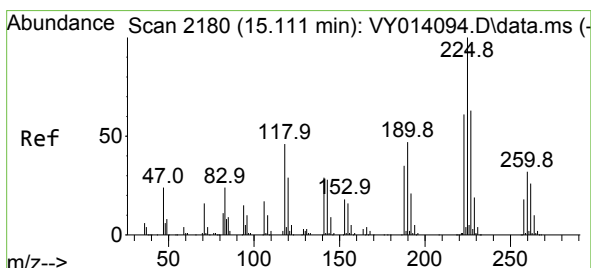
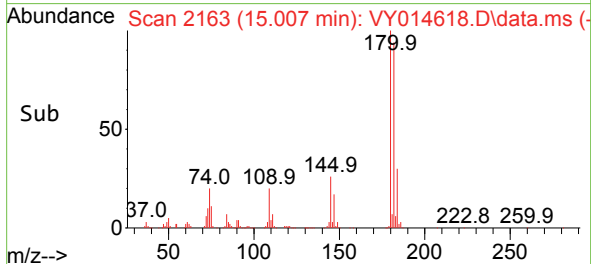
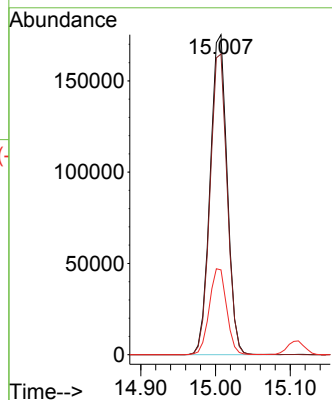
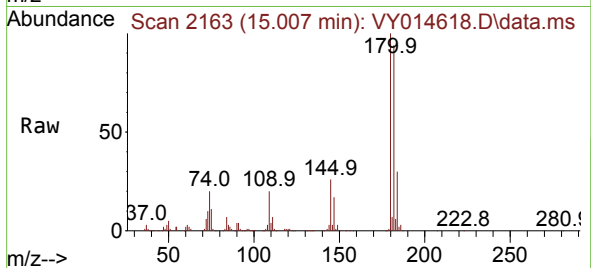
Tgt Ion:180 Resp: 276992

Ion Ratio Lower Upper

180 100

182 94.4 47.0 141.2

145 27.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 58.954 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

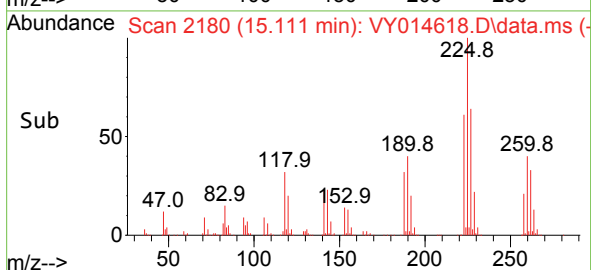
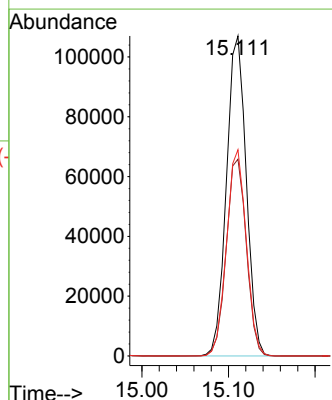
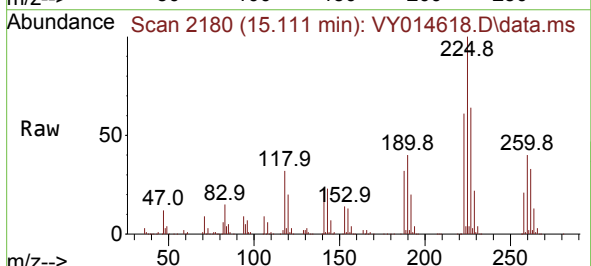
Tgt Ion:225 Resp: 169905

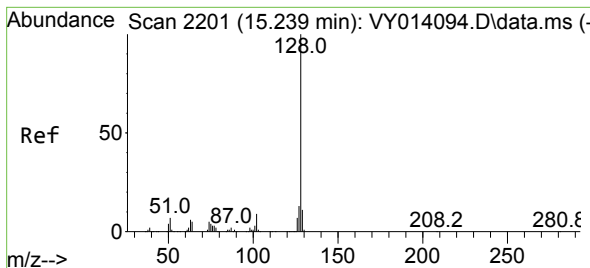
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 64.3 33.0 98.9





#95

Naphthalene

Concen: 57.568 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min MSVOA\_Y

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Instrument :

MSVOA\_Y

ClientSampleId :

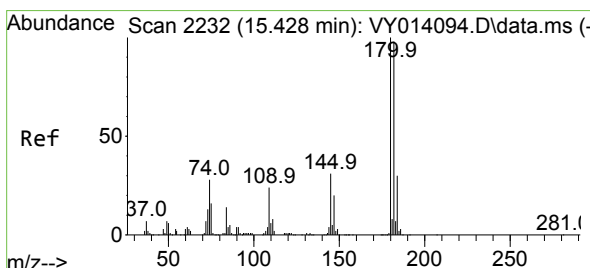
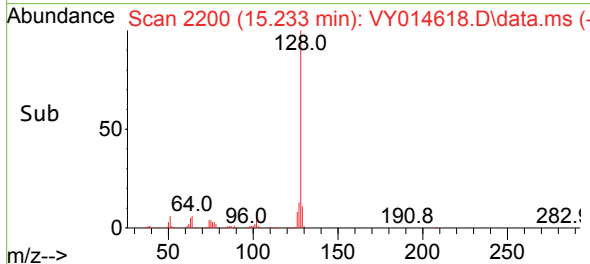
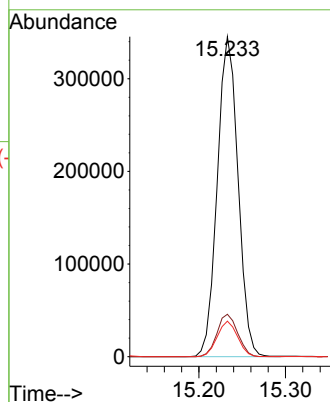
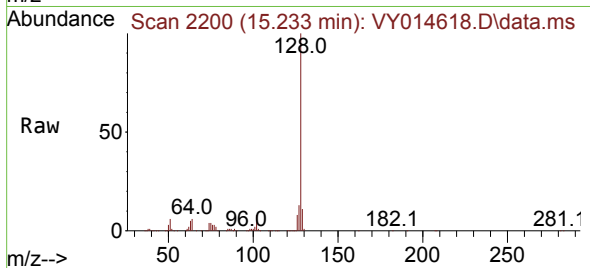
Tgt Ion:128 Resp: 574320

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 58.964 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014618.D

Acq: 10 Jul 2023 16:23

Tgt Ion:180 Resp: 251925

Ion Ratio Lower Upper

180 100

182 96.2 47.3 141.8

145 29.0 15.4 46.2

