

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081522\  
 Data File : VY010036.D  
 Acq On : 15 Aug 2022 19:13  
 Operator : KP/MD  
 Sample : VSTDICV050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICVVY081522

Quant Time: Aug 16 07:03:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081522S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 16 07:01:08 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 121624   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 174246   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 172672   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 96476    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 42654    | 35.835   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 71.660%  |
| 35) Dibromofluoromethane    | 7.710  | 113   | 45045    | 40.046   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 80.100%  |
| 50) Toluene-d8              | 10.173 | 98    | 143273   | 34.699   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 69.400%  |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 72281    | 50.242   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 100.480% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 32528  | 34.505  | ug/l   | 99  |
| 3) Chloromethane             | 2.107 | 50  | 49115  | 41.478  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.241 | 62  | 64378  | 39.045  | ug/l   | 99  |
| 5) Bromomethane              | 2.637 | 94  | 51846  | 42.085  | ug/l   | 97  |
| 6) Chloroethane              | 2.778 | 64  | 43573  | 38.369  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 82353  | 41.985  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.515 | 74  | 25838  | 46.950  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 3.881 | 101 | 46524  | 44.806  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.076 | 142 | 49492  | 39.373  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.942 | 59  | 28595  | 276.499 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 3.857 | 96  | 40067  | 41.919  | ug/l   | 94  |
| 13) Acrolein                 | 3.717 | 56  | 17242  | 223.325 | ug/l   | 97  |
| 14) Allyl chloride           | 4.466 | 41  | 63495  | 44.983  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.149 | 53  | 69584  | 264.686 | ug/l   | 100 |
| 16) Acetone                  | 3.936 | 43  | 55175  | 222.877 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.180 | 76  | 90119  | 32.867  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.466 | 43  | 35525  | 51.626  | ug/l   | 95  |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 138278 | 52.001  | ug/l   | 96  |
| 20) Methylene Chloride       | 4.698 | 84  | 54659  | 38.759  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.198 | 96  | 46842  | 42.326  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.106 | 45  | 162098 | 55.984  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.045 | 43  | 539538 | 292.531 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 6.003 | 63  | 88194  | 49.804  | ug/l   | 99  |
| 25) 2-Butanone               | 6.978 | 43  | 98255  | 276.723 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 85767  | 46.311  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 58008  | 47.336  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.326 | 49  | 36962  | 49.344  | ug/l   | 96  |
| 29) Tetrahydrofuran          | 7.338 | 42  | 65242  | 281.874 | ug/l   | 99  |
| 30) Chloroform               | 7.496 | 83  | 100614 | 46.952  | ug/l   | 99  |
| 31) Cyclohexane              | 7.777 | 56  | 67269  | 40.230  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 7.691 | 97  | 93536  | 47.847  | ug/l   | 100 |
| 36) 1,1-Dichloropropene      | 7.905 | 75  | 68193  | 43.820  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.063 | 43  | 44473  | 55.345  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 85957  | 45.503  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.179 | 83  | 77822  | 44.688  | ug/l   | 97  |
| 40) Benzene                  | 8.155 | 78  | 203054 | 44.669  | ug/l   | 98  |

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 ALS Vial : 11 Sample Multiplier: 1

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 Quant Title : SW846 8260  
 QLast Update : Tue Aug 16 07:01:08 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.332  | 41   | 61317    | 150.461 | ug/l # | 47       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 68243    | 48.564  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 86115    | 56.444  | ug/l   | 97       |
| 44) Trichloroethene           | 8.935  | 130  | 59823    | 44.526  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 51188    | 48.951  | ug/l   | 98       |
| 46) Dibromomethane            | 9.301  | 93   | 33599    | 49.703  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.490  | 83   | 80792    | 49.654  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 37509    | 59.135  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 7130     | 942.013 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 269805   | 336.947 | ug/l   | 99       |
| 52) Toluene                   | 10.240 | 92   | 146641   | 50.912  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 86529    | 55.061  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 86385    | 50.178  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 49835    | 53.556  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 68973    | 63.142  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.782 | 76   | 80744    | 54.120  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 146300   | 314.823 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.831 | 43   | 190396   | 362.371 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.984 | 129  | 64743    | 52.358  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 48496    | 53.187  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.715 | 164  | 62497    | 43.604  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.514 | 112  | 166249   | 48.157  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 67367    | 49.042  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.587 | 91   | 295608   | 50.676  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.697 | 106  | 233578   | 100.488 | ug/l   | 98       |
| 69) o-Xylene                  | 12.026 | 106  | 112025   | 51.344  | ug/l   | 100      |
| 70) Styrene                   | 12.038 | 104  | 196412   | 53.482  | ug/l   | 100      |
| 71) Bromoform                 | 12.203 | 173  | 45552    | 52.748  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.325 | 105  | 300992   | 51.384  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 92685    | 68.008  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 64653    | 56.318  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 85565    | 99.136  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 75471    | 48.550  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.666 | 91   | 371330   | 51.756  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 207354   | 51.144  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 261912   | 51.435  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.374 | 75   | 22814    | 58.105  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 220554   | 51.849  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 233338   | 52.015  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 264760   | 52.972  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 345703   | 52.879  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 295419   | 52.586  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 155701   | 49.571  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 154867   | 49.001  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 271313   | 53.178  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 56936    | 49.424  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 140498   | 49.314  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.349 | 75   | 10776    | 52.923  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 80227    | 46.621  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 47407    | 43.829  | ug/l   | 99       |
| 95) Naphthalene               | 15.233 | 128  | 165536   | 48.366  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 72242    | 47.824  | ug/l   | 100      |

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Quant Title : SW846 8260  
QLast Update : Tue Aug 16 07:01:08 2022  
Response via : Initial Calibration

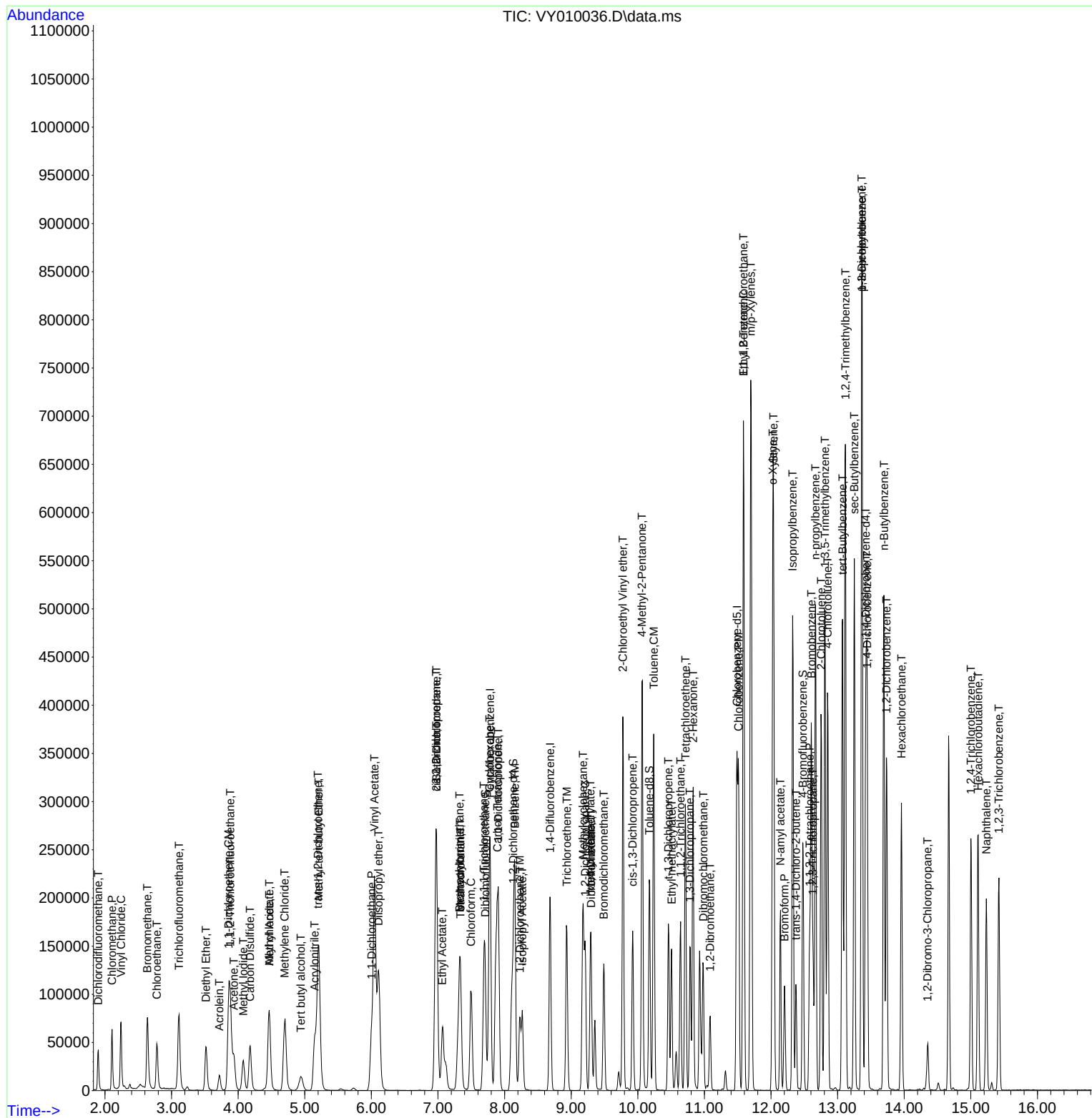
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

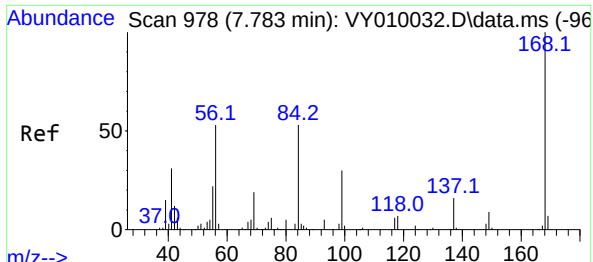
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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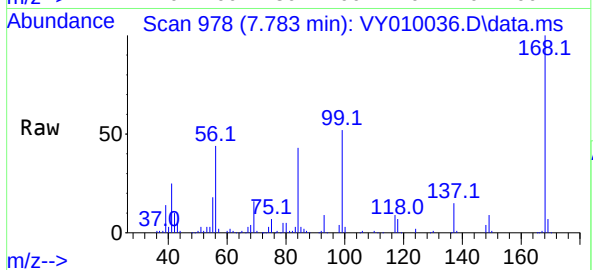
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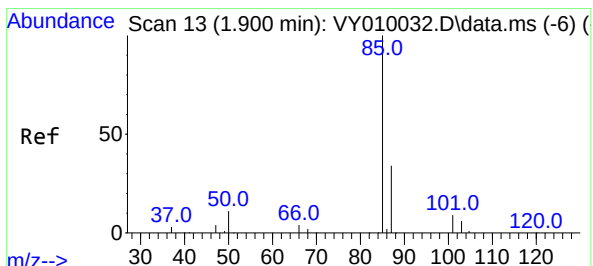
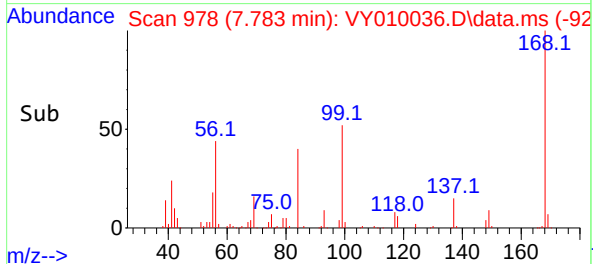
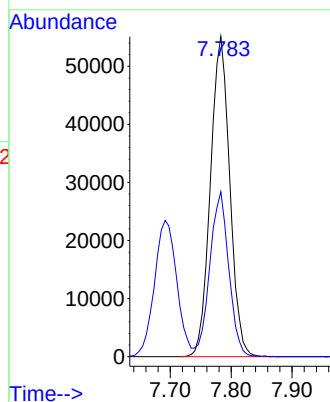


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
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ClientSampleId :  
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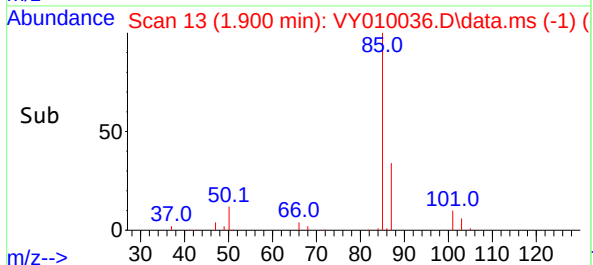
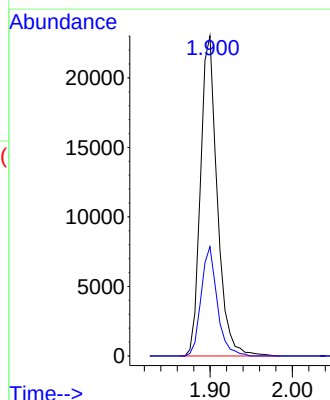
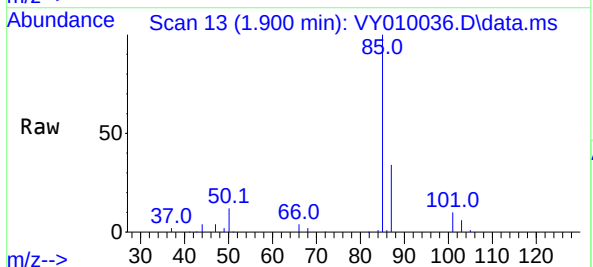


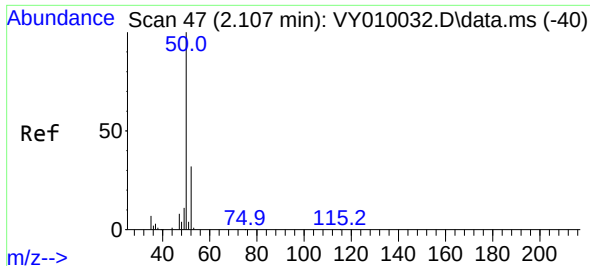
Tgt Ion:168 Resp: 121624  
Ion Ratio Lower Upper  
168 100  
99 51.5 37.7 56.5



#2  
Dichlorodifluoromethane  
Concen: 34.505 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 85 Resp: 32528  
Ion Ratio Lower Upper  
85 100  
87 34.1 16.9 50.7

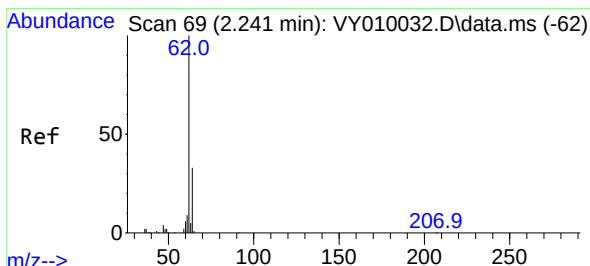
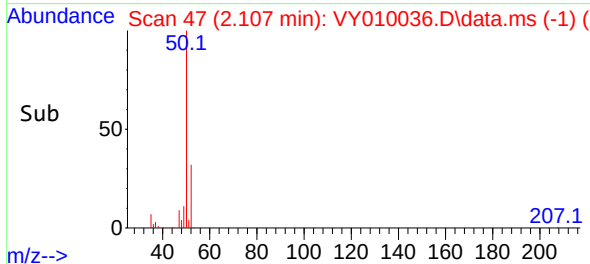
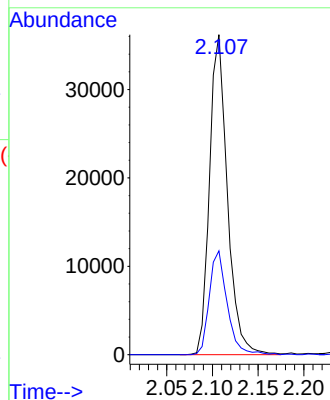
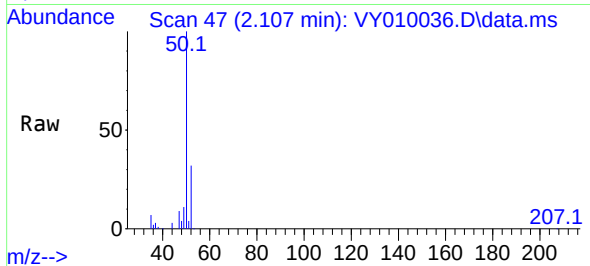




#3  
Chloromethane  
Concen: 41.478 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

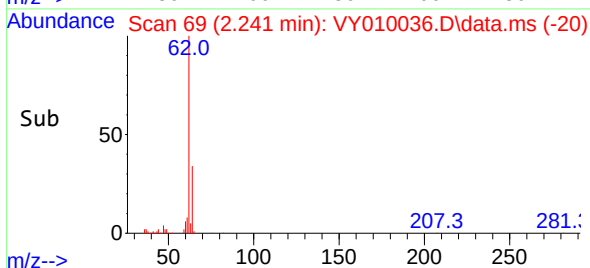
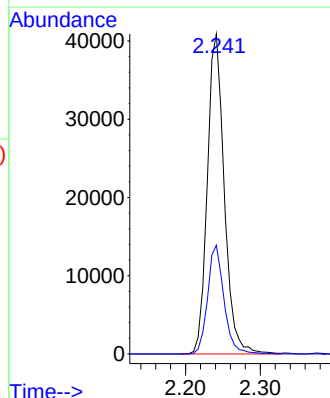
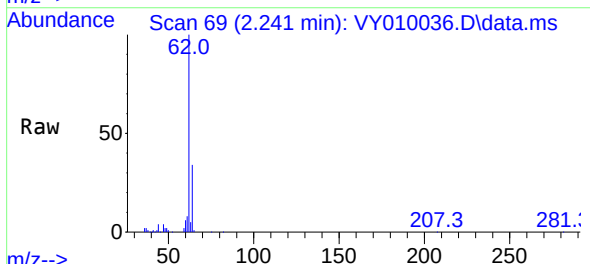
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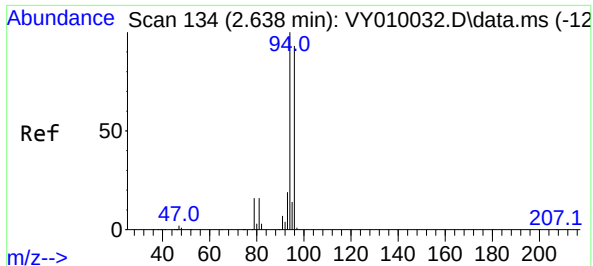
Tgt Ion: 50 Resp: 49115  
Ion Ratio Lower Upper  
50 100  
52 32.5 25.5 38.3



#4  
Vinyl Chloride  
Concen: 39.045 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 62 Resp: 64378  
Ion Ratio Lower Upper  
62 100  
64 34.0 26.6 39.8

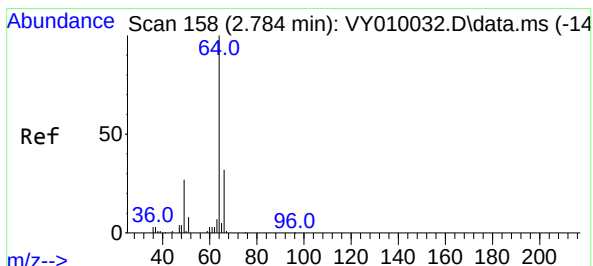
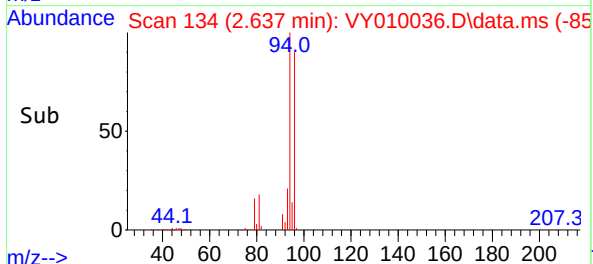
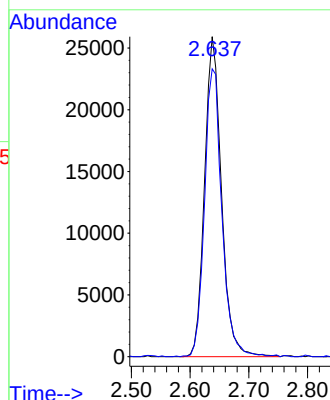
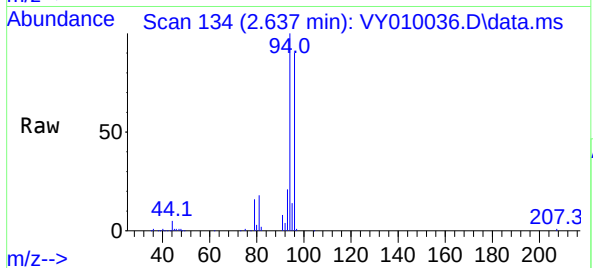




#5  
Bromomethane  
Concen: 42.085 ug/l  
RT: 2.637 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

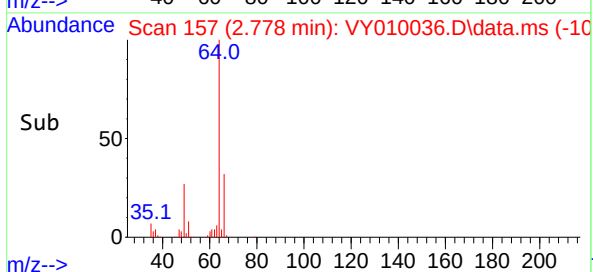
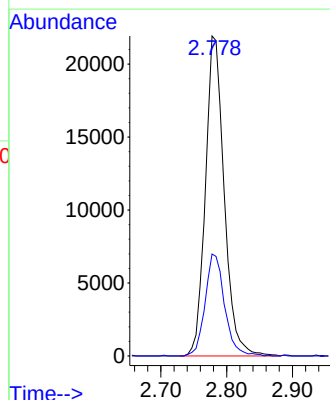
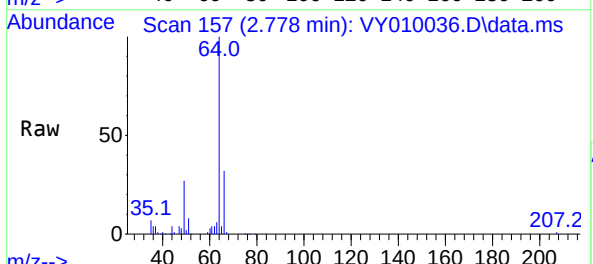
Instrument :  
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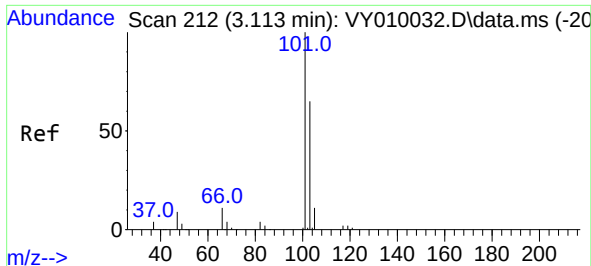
Tgt Ion: 94 Resp: 51846  
Ion Ratio Lower Upper  
94 100  
96 90.0 74.2 111.2



#6  
Chloroethane  
Concen: 38.369 ug/l  
RT: 2.778 min Scan# 157  
Delta R.T. -0.006 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 64 Resp: 43573  
Ion Ratio Lower Upper  
64 100  
66 31.8 26.0 39.0

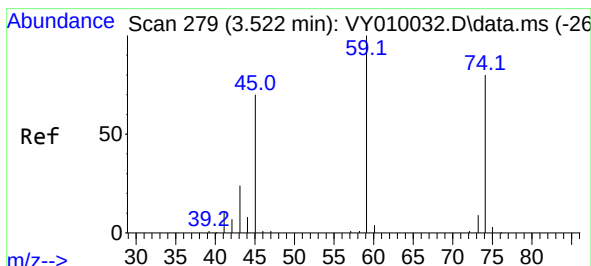
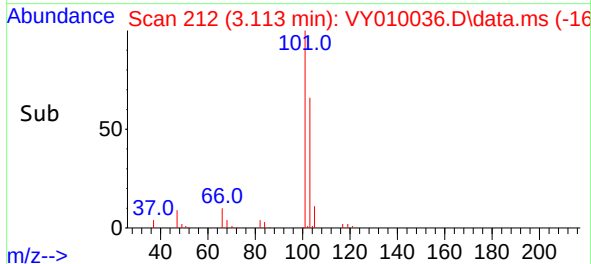
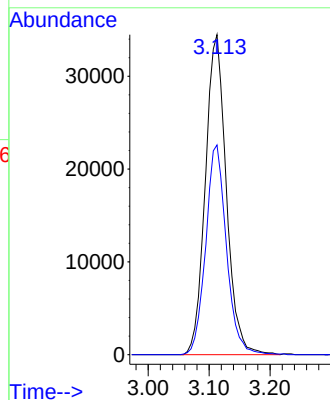
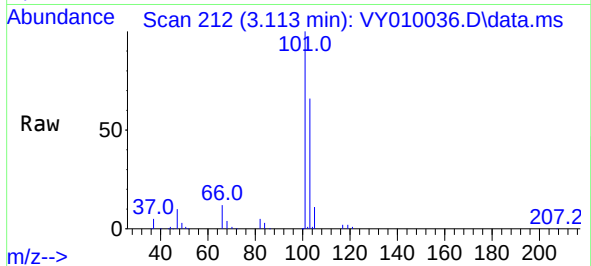




#7  
Trichlorofluoromethane  
Concen: 41.985 ug/l  
RT: 3.113 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

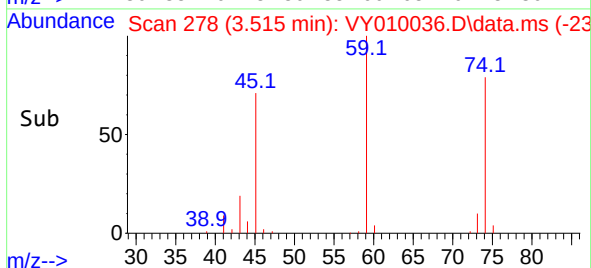
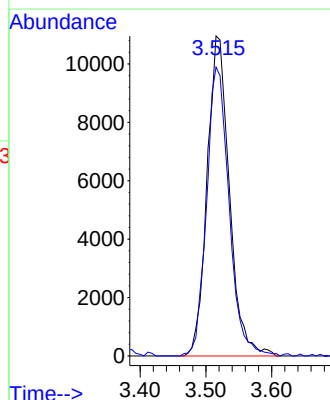
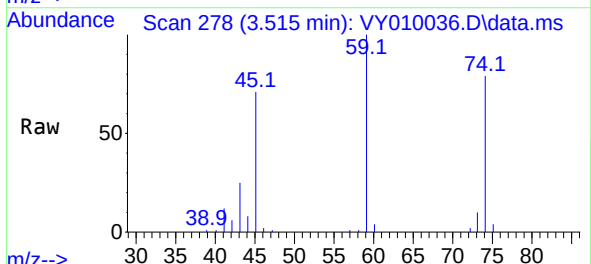
Instrument : MSVOA\_Y  
ClientSampleId : ICVVY081522

Tgt Ion:101 Resp: 82353  
Ion Ratio Lower Upper  
101 100  
103 65.6 52.1 78.1

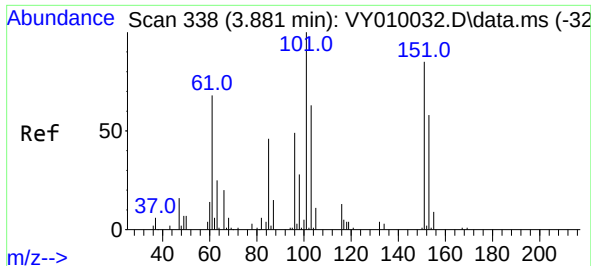


#8  
Diethyl Ether  
Concen: 46.950 ug/l  
RT: 3.515 min Scan# 278  
Delta R.T. -0.007 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 74 Resp: 25838  
Ion Ratio Lower Upper  
74 100  
45 91.3 46.4 139.1



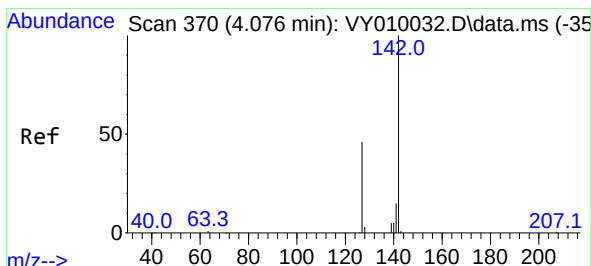
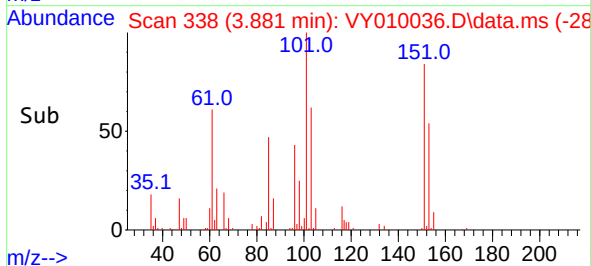
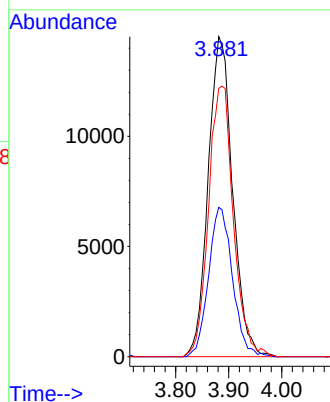
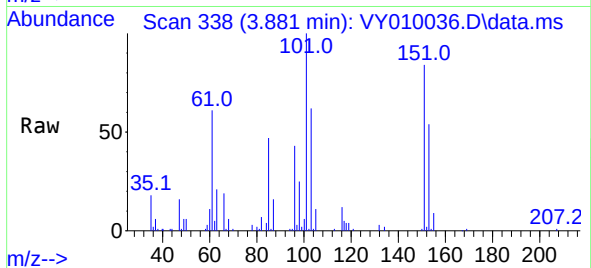




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 44.806 ug/l  
RT: 3.881 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

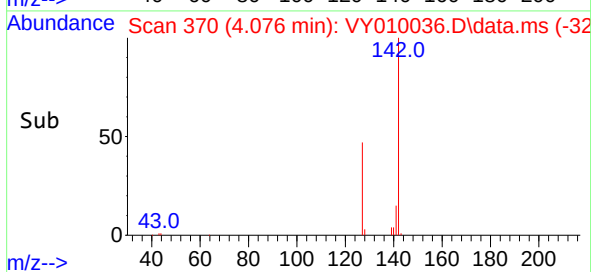
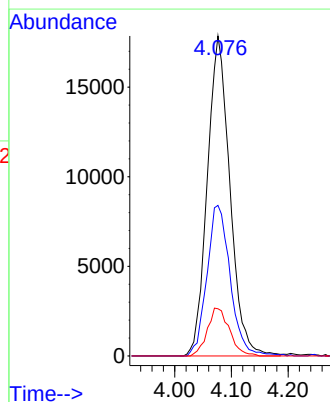
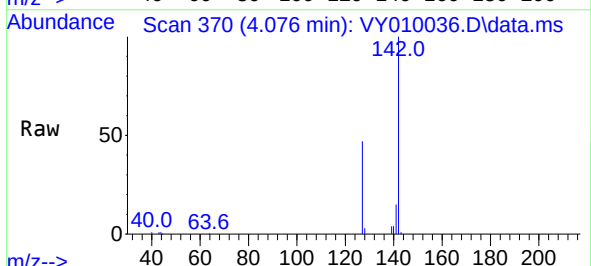
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

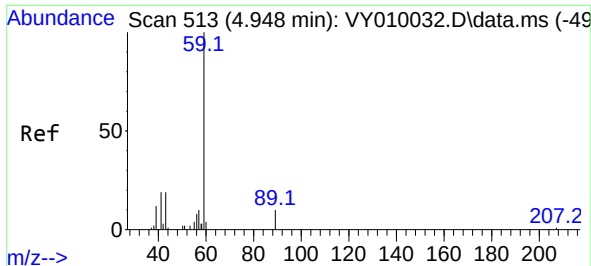
Tgt Ion:101 Resp: 46524  
Ion Ratio Lower Upper  
101 100  
85 45.7 35.6 53.4  
151 86.1 68.6 102.8



#10  
Methyl Iodide  
Concen: 39.373 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion:142 Resp: 49492  
Ion Ratio Lower Upper  
142 100  
127 48.6 37.9 56.9  
141 14.6 11.6 17.4

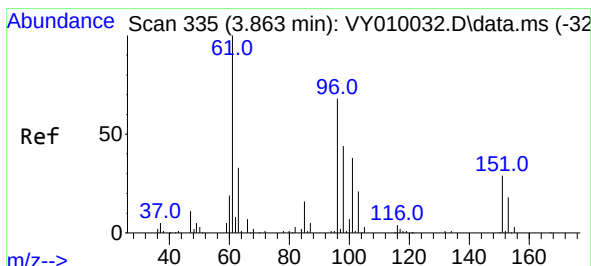
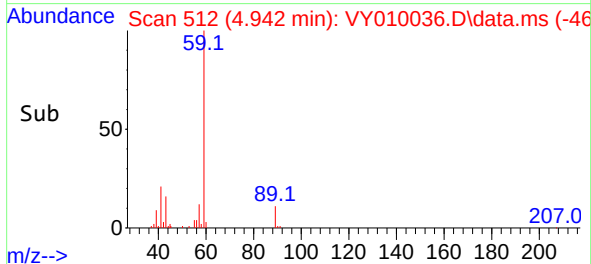
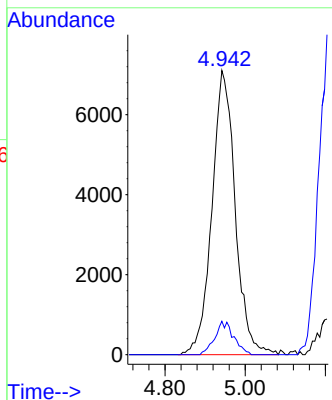
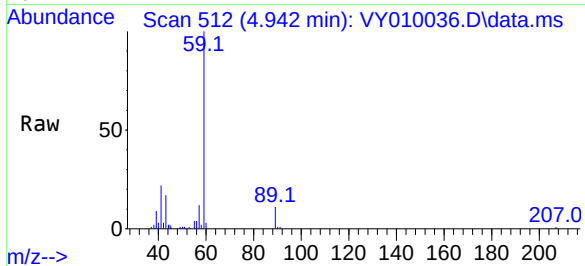




#11  
Tert butyl alcohol  
Concen: 276.499 ug/l  
RT: 4.942 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

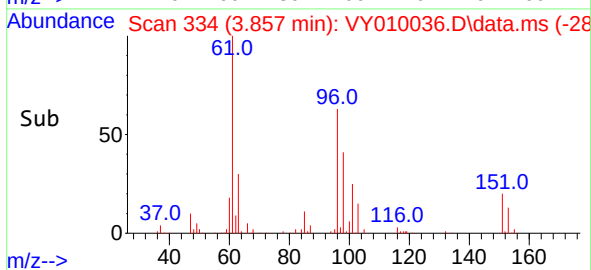
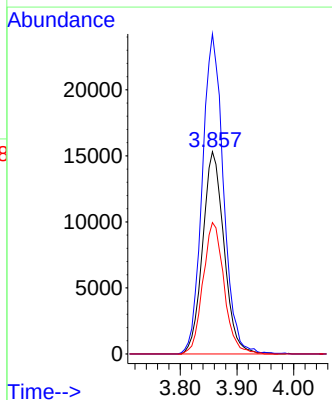
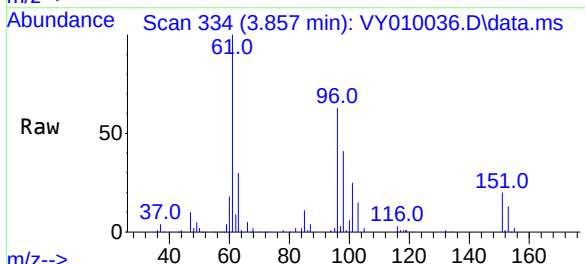
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY081522

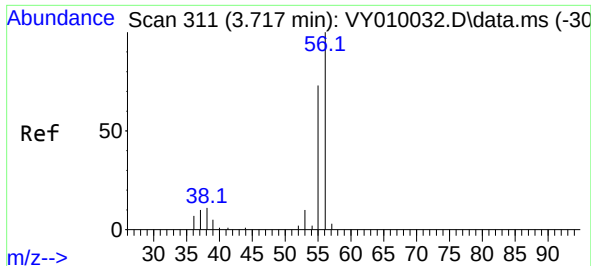
Tgt Ion: 59 Resp: 28595  
Ion Ratio Lower Upper  
59 100  
57 9.5 7.8 11.6



#12  
1,1-Dichloroethene  
Concen: 41.919 ug/l  
RT: 3.857 min Scan# 334  
Delta R.T. -0.006 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 96 Resp: 40067  
Ion Ratio Lower Upper  
96 100  
61 158.2 117.8 176.8  
98 64.9 51.9 77.9

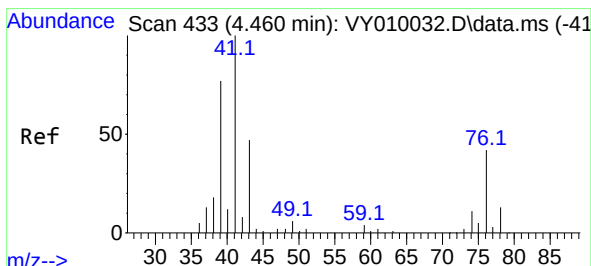
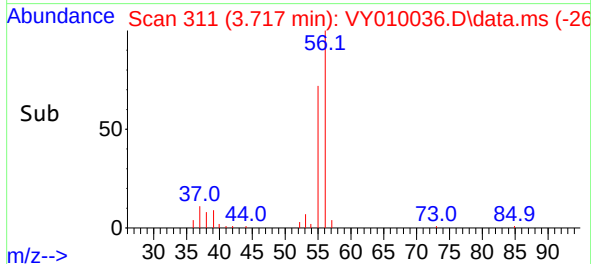
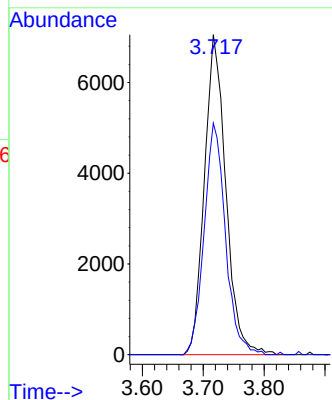
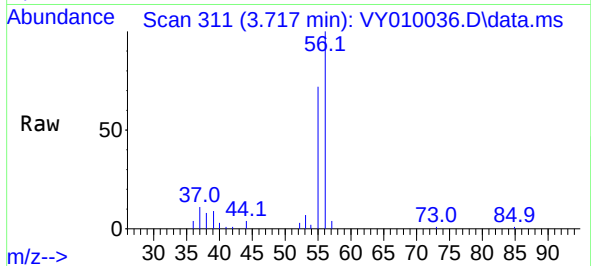




#13  
Acrolein  
Concen: 223.325 ug/l  
RT: 3.717 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

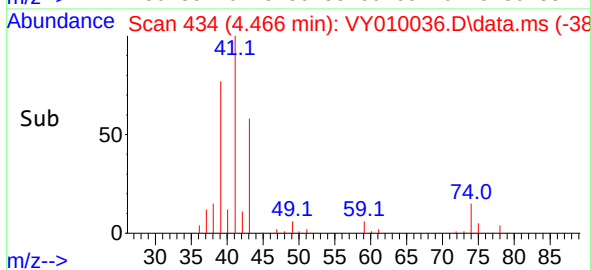
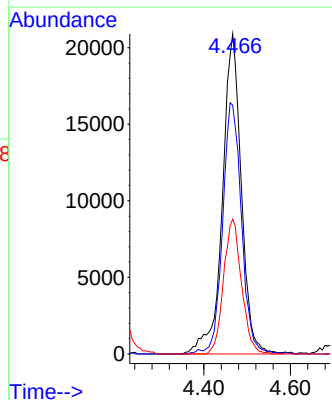
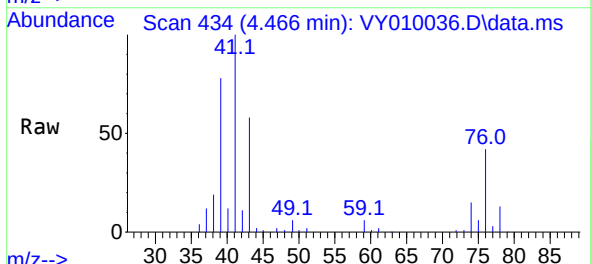
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

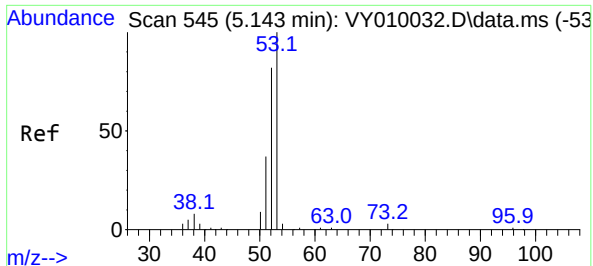
Tgt Ion: 56 Resp: 17242  
Ion Ratio Lower Upper  
56 100  
55 72.1 59.4 89.0



#14  
Allyl chloride  
Concen: 44.983 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. 0.006 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 41 Resp: 63495  
Ion Ratio Lower Upper  
41 100  
39 78.2 63.2 94.8  
76 39.9 32.7 49.1





#15

Acrylonitrile

Concen: 264.686 ug/l

RT: 5.149 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY010036.D

Acq: 15 Aug 2022 19:13

Instrument :

MSVOA\_Y

ClientSampleId :

ICVVY081522

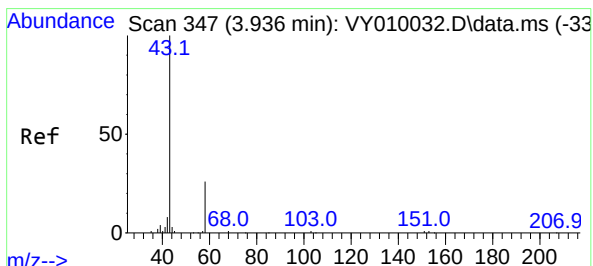
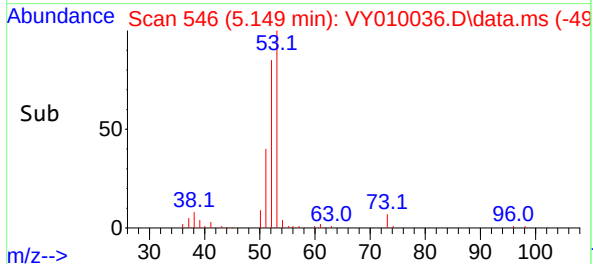
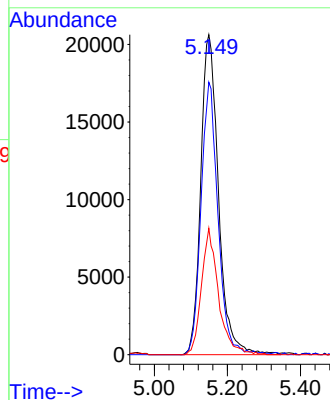
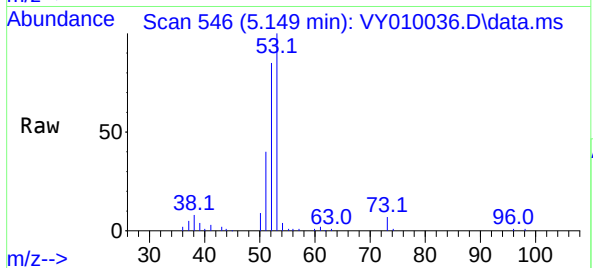
Tgt Ion: 53 Resp: 69584

Ion Ratio Lower Upper

53 100

52 81.6 65.1 97.7

51 38.0 30.2 45.4



#16

Acetone

Concen: 222.877 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY010036.D

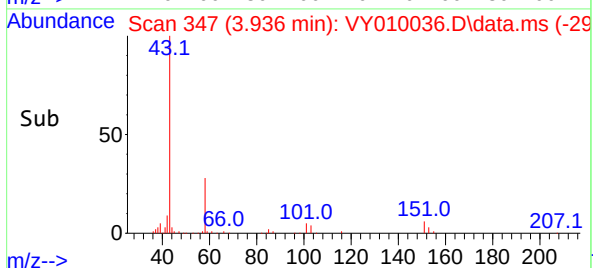
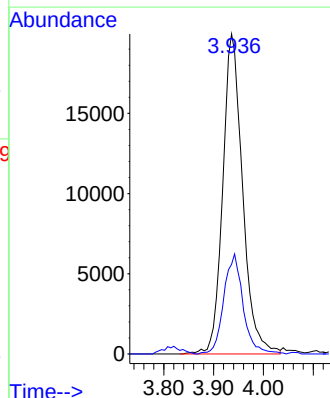
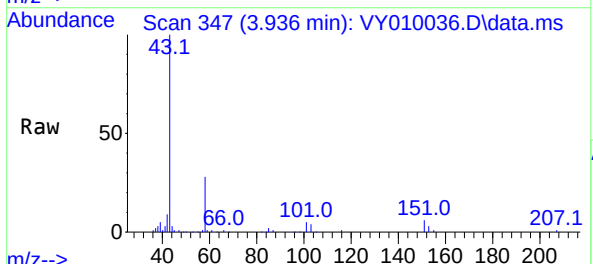
Acq: 15 Aug 2022 19:13

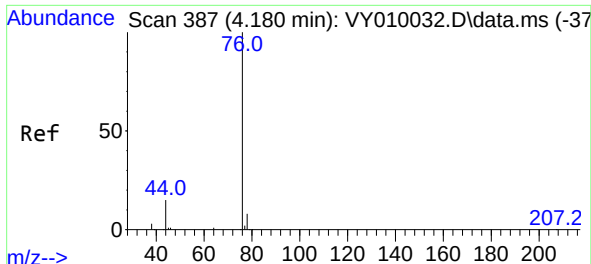
Tgt Ion: 43 Resp: 55175

Ion Ratio Lower Upper

43 100

58 27.7 21.4 32.0

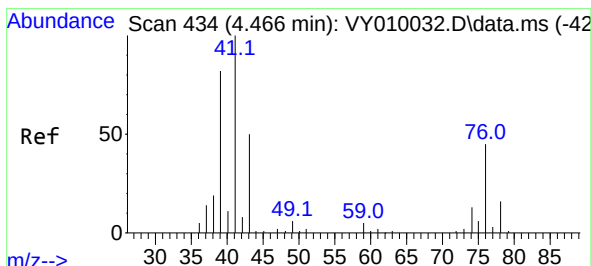
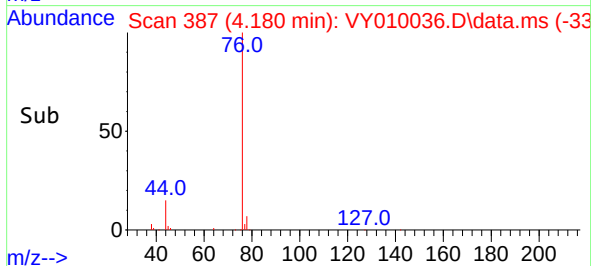
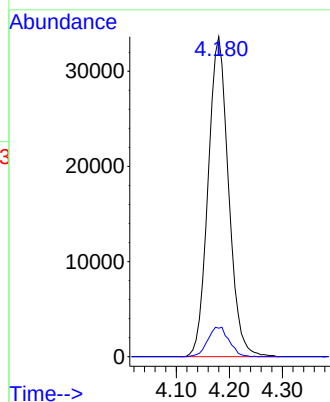
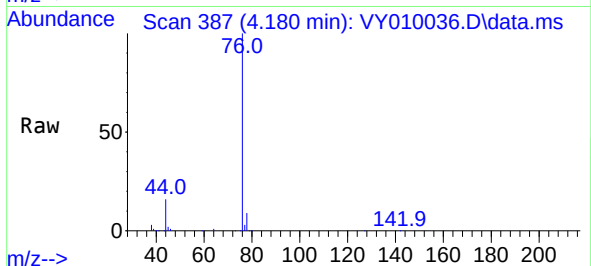




#17  
Carbon Disulfide  
Concen: 32.867 ug/l  
RT: 4.180 min Scan# 387  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

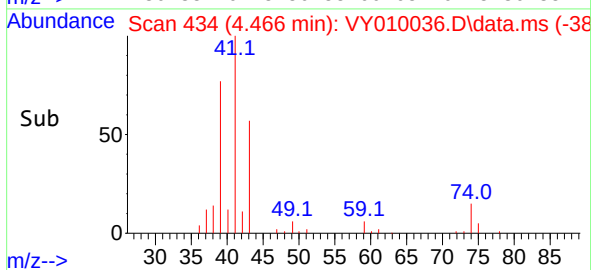
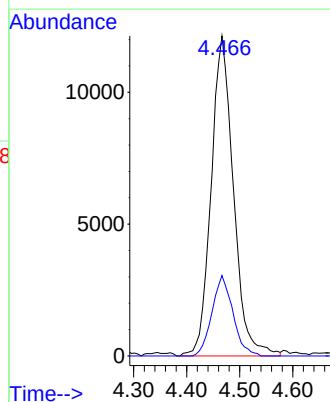
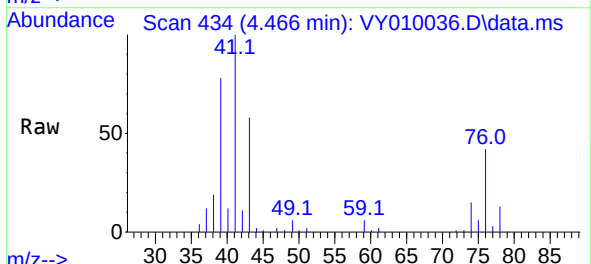
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

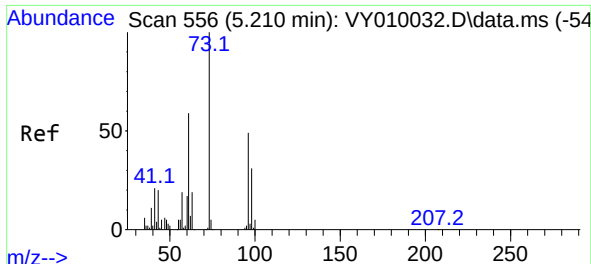
Tgt Ion: 76 Resp: 90119  
Ion Ratio Lower Upper  
76 100  
78 8.9 6.7 10.1



#18  
Methyl Acetate  
Concen: 51.626 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 43 Resp: 35525  
Ion Ratio Lower Upper  
43 100  
74 23.5 20.7 31.1

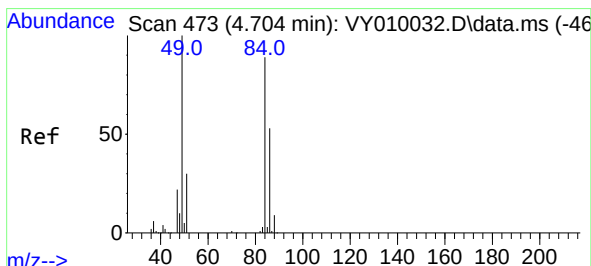
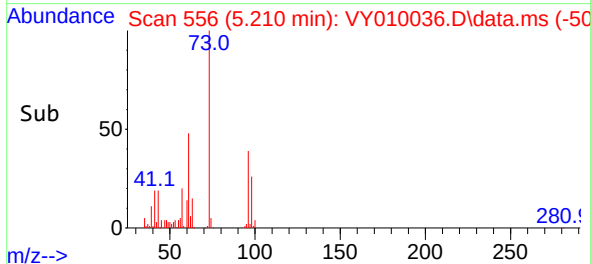
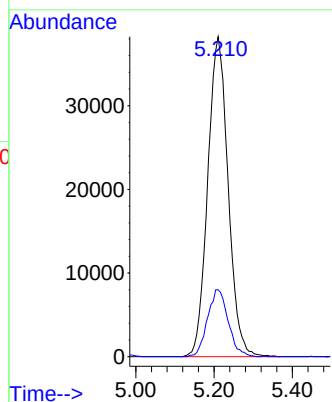
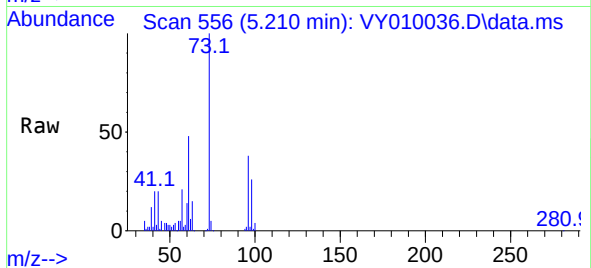




#19  
Methyl tert-butyl Ether  
Concen: 52.001 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

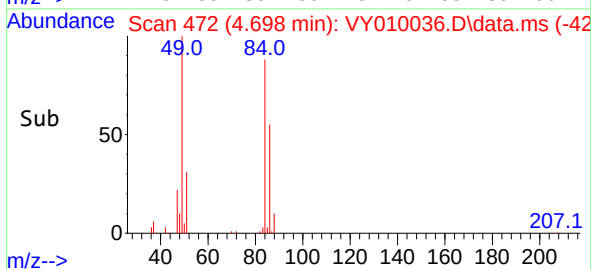
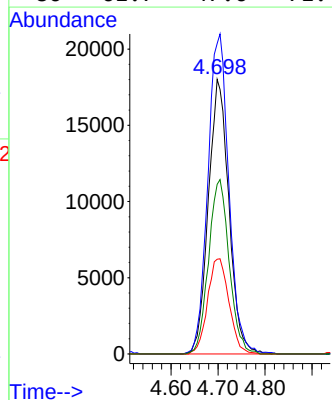
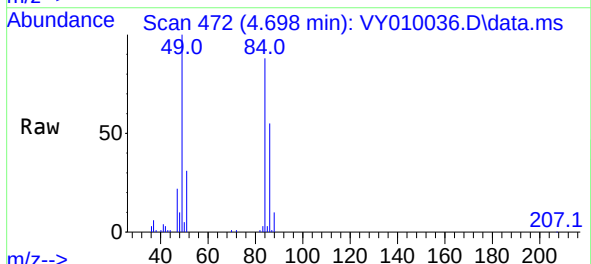
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

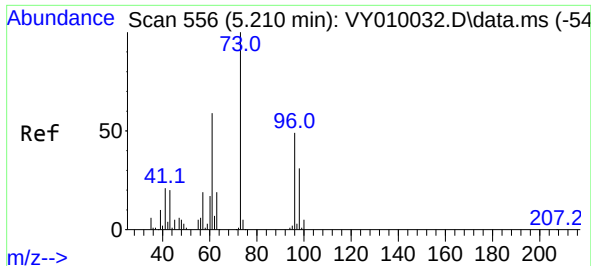
Tgt Ion: 73 Resp: 138278  
Ion Ratio Lower Upper  
73 100  
57 20.9 15.4 23.0



#20  
Methylene Chloride  
Concen: 38.759 ug/l  
RT: 4.698 min Scan# 472  
Delta R.T. -0.006 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 84 Resp: 54659  
Ion Ratio Lower Upper  
84 100  
49 113.0 89.5 134.3  
51 34.5 26.8 40.2  
86 61.7 47.6 71.4

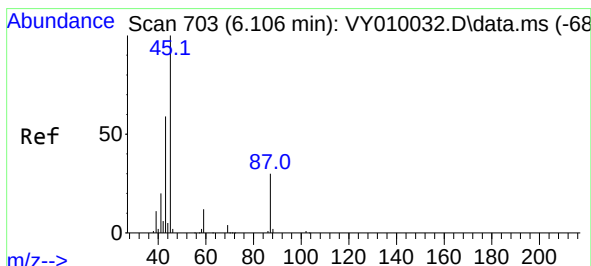
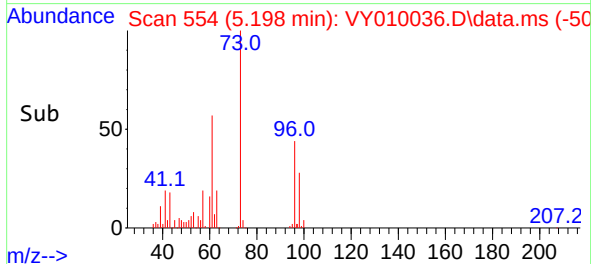
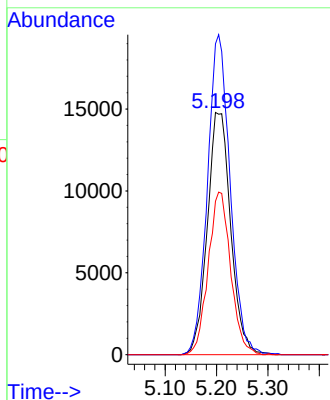
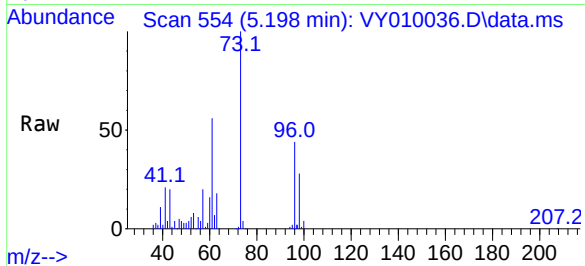




#21  
trans-1,2-Dichloroethene  
Concen: 42.326 ug/l  
RT: 5.198 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

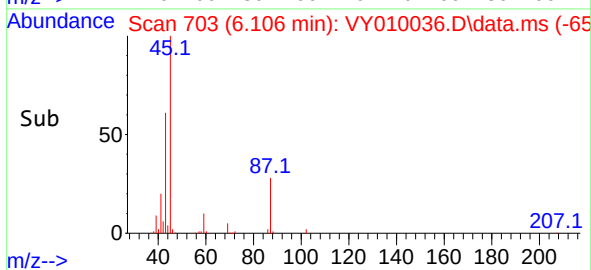
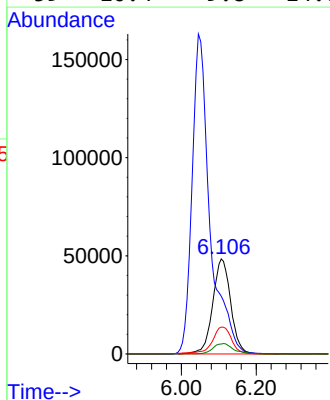
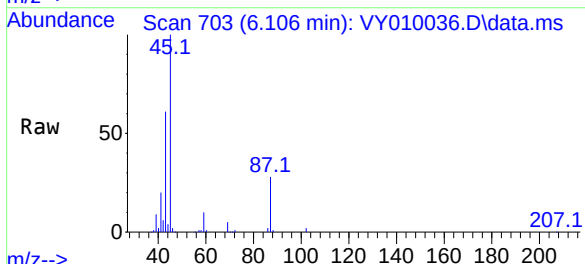
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY081522

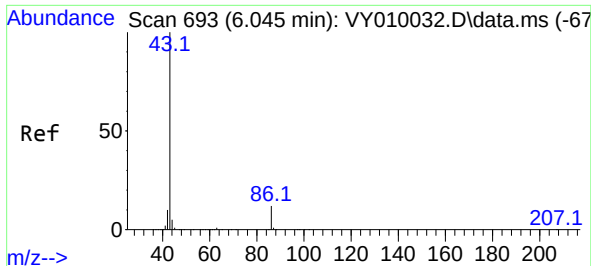
Tgt Ion: 96 Resp: 46842  
Ion Ratio Lower Upper  
96 100  
61 128.4 96.8 145.2  
98 63.3 51.0 76.4



#22  
Diisopropyl ether  
Concen: 55.984 ug/l  
RT: 6.106 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 45 Resp: 162098  
Ion Ratio Lower Upper  
45 100  
43 60.5 47.5 71.3  
87 28.3 24.4 36.6  
59 10.4 9.8 14.6

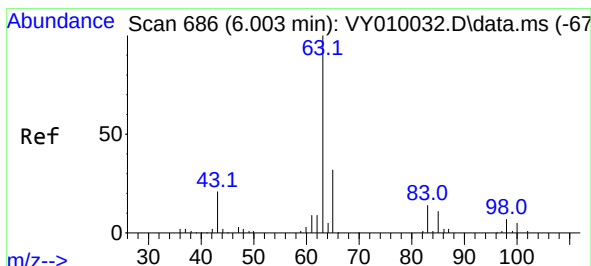
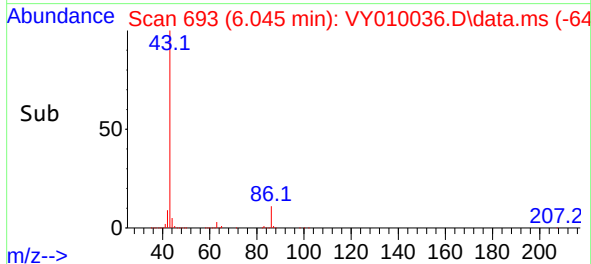
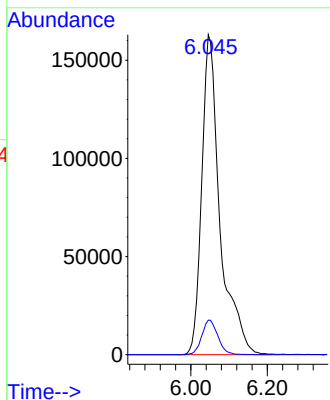
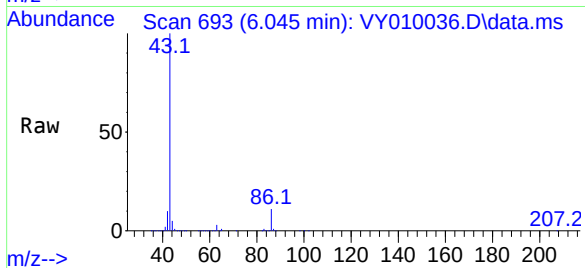




#23  
 Vinyl Acetate  
 Concen: 292.531 ug/l  
 RT: 6.045 min Scan# 693  
 Delta R.T. 0.000 min  
 Lab File: VY010036.D  
 Acq: 15 Aug 2022 19:13

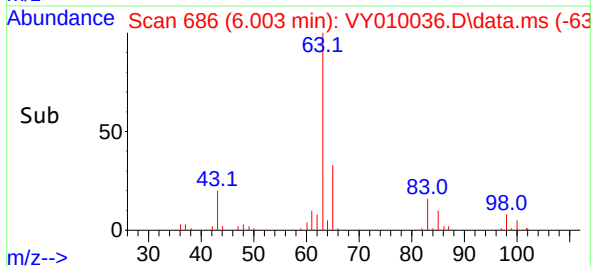
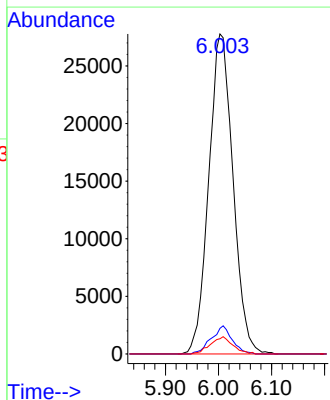
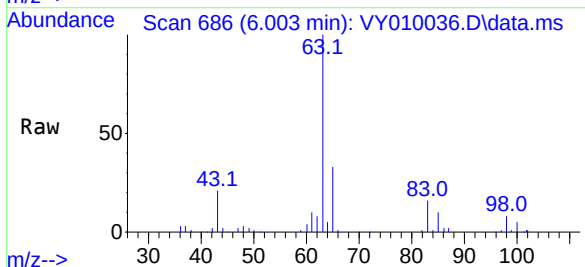
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICVVY081522

Tgt Ion: 43 Resp: 539538  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 9.4 14.2

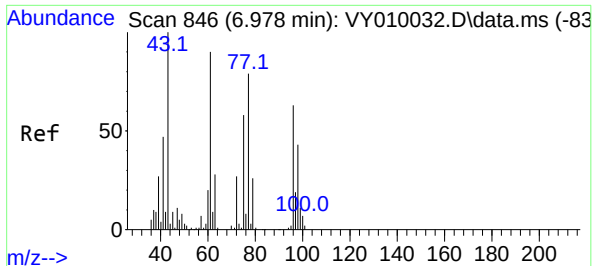


#24  
 1,1-Dichloroethane  
 Concen: 49.804 ug/l  
 RT: 6.003 min Scan# 686  
 Delta R.T. -0.000 min  
 Lab File: VY010036.D  
 Acq: 15 Aug 2022 19:13

Tgt Ion: 63 Resp: 88194  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 3.7 11.1  
 100 4.7 2.3 6.8







#25

2-Butanone

Concen: 276.723 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010036.D

Acq: 15 Aug 2022 19:13

Instrument :

MSVOA\_Y

ClientSampleId :

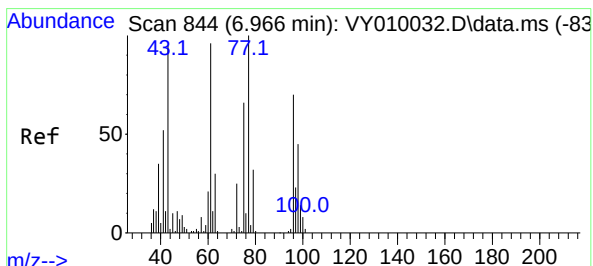
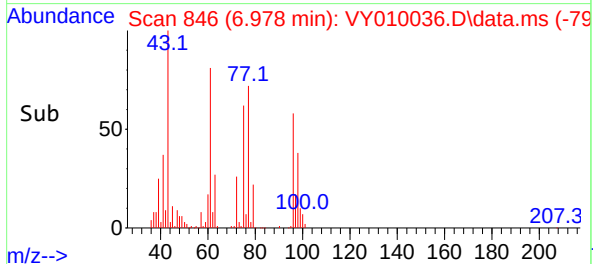
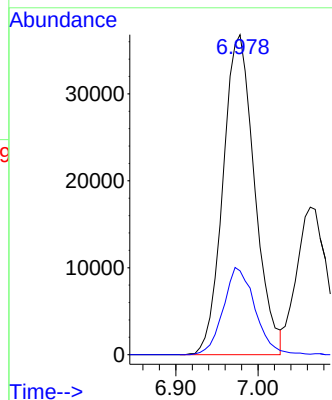
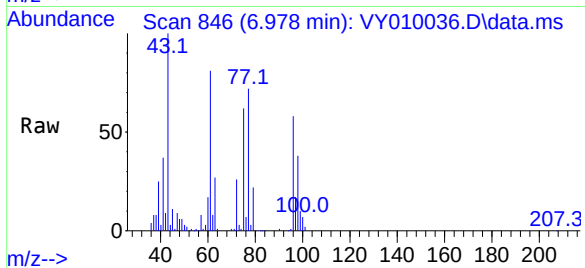
ICVVY081522

Tgt Ion: 43 Resp: 98255

Ion Ratio Lower Upper

43 100

72 26.2 21.7 32.5



#26

2,2-Dichloropropane

Concen: 46.311 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010036.D

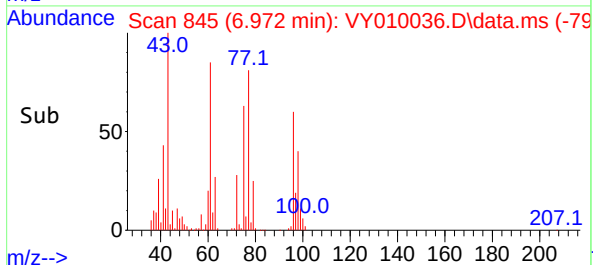
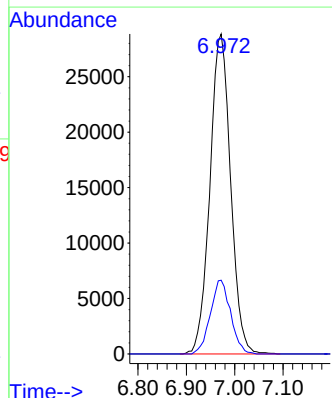
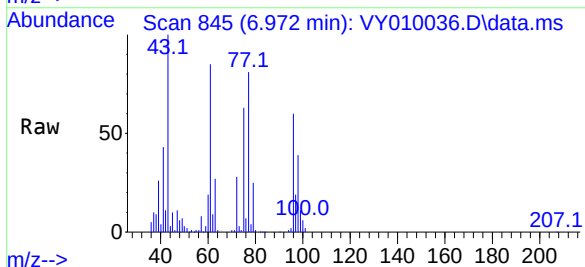
Acq: 15 Aug 2022 19:13

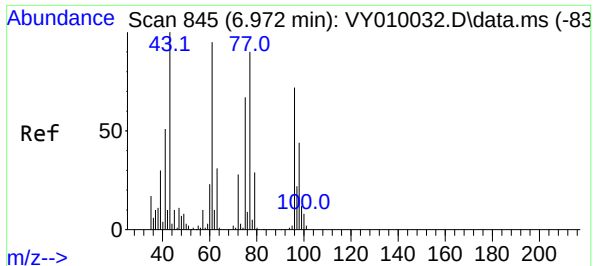
Tgt Ion: 77 Resp: 85767

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 47.336 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010036.D

Acq: 15 Aug 2022 19:13

Instrument :

MSVOA\_Y

ClientSampleId :

ICVY081522

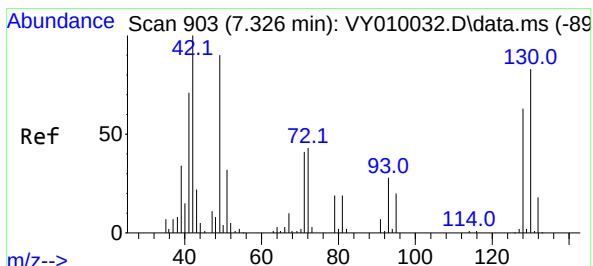
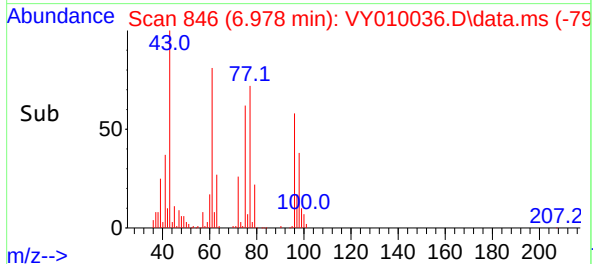
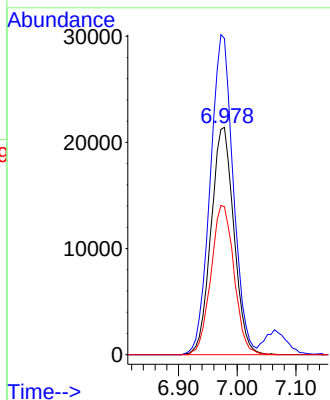
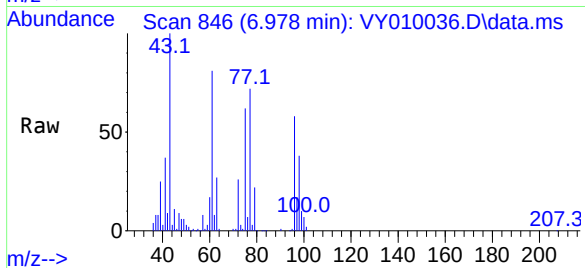
Tgt Ion: 96 Resp: 58008

Ion Ratio Lower Upper

96 100

61 141.5 0.0 276.0

98 66.4 0.0 128.4



#28

Bromochloromethane

Concen: 49.344 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY010036.D

Acq: 15 Aug 2022 19:13

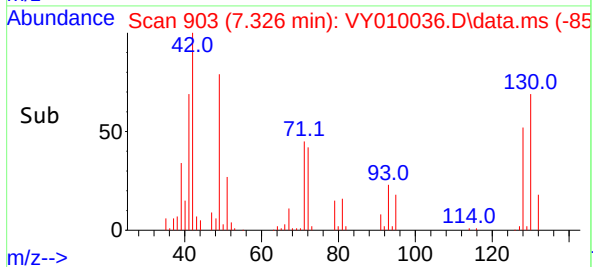
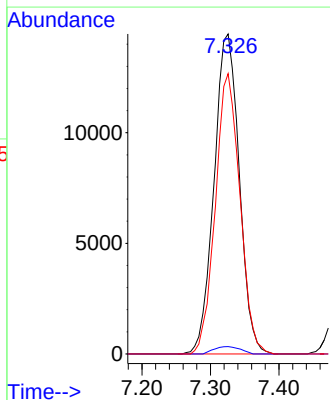
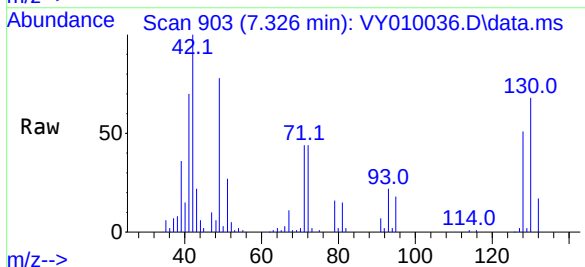
Tgt Ion: 49 Resp: 36962

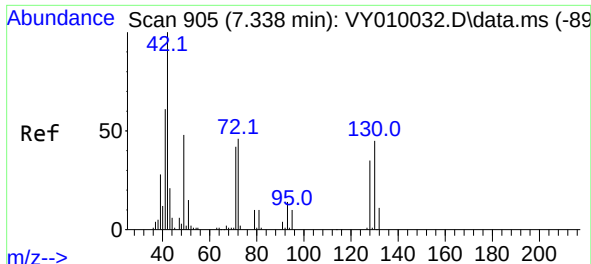
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

130 85.1 71.0 106.4

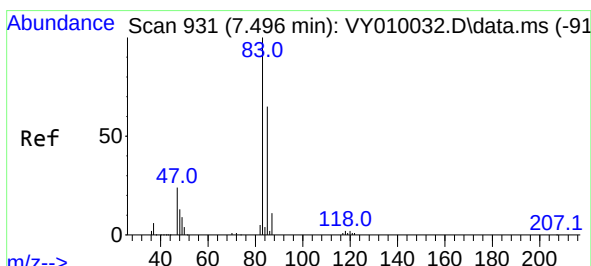
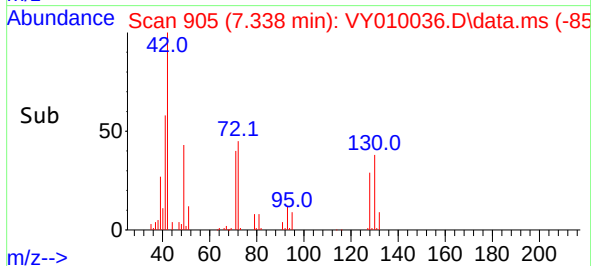
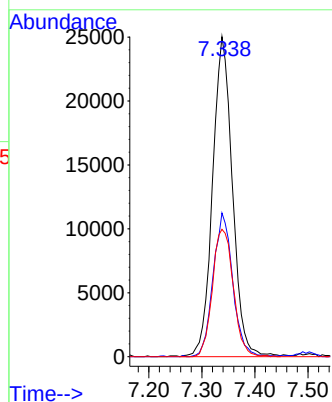
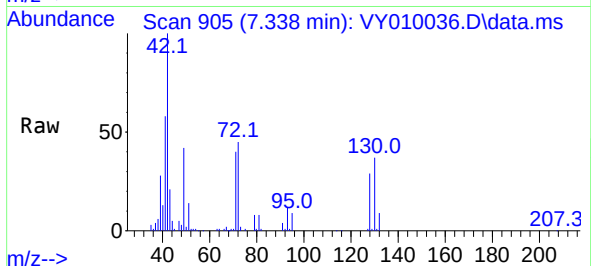




#29  
Tetrahydrofuran  
Concen: 281.874 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

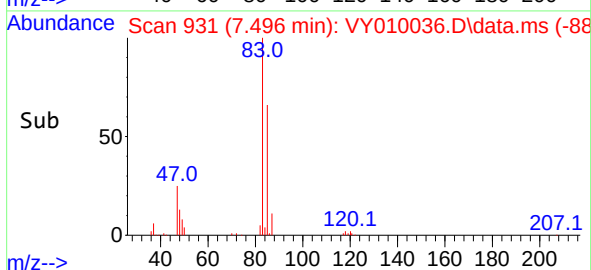
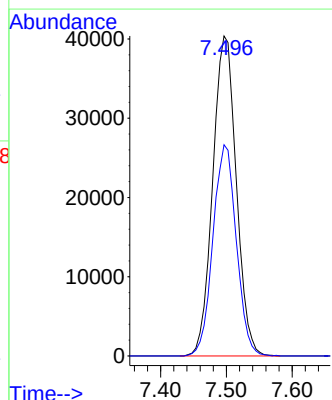
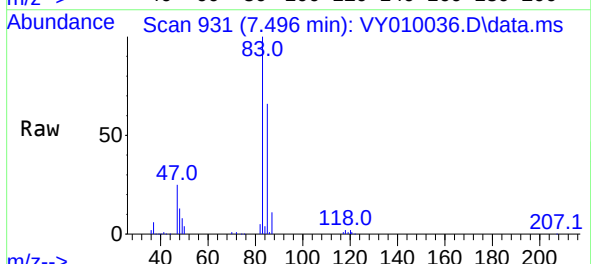
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY081522

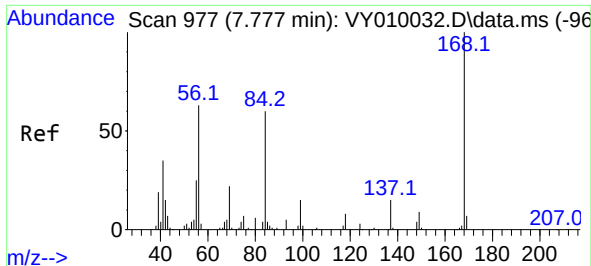
Tgt Ion: 42 Resp: 65242  
Ion Ratio Lower Upper  
42 100  
72 44.3 36.5 54.7  
71 41.7 33.4 50.2



#30  
Chloroform  
Concen: 46.952 ug/l  
RT: 7.496 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 83 Resp: 100614  
Ion Ratio Lower Upper  
83 100  
85 66.0 51.9 77.9

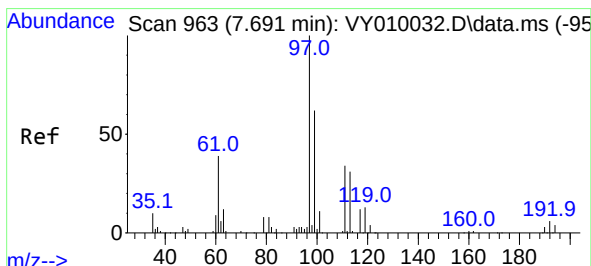
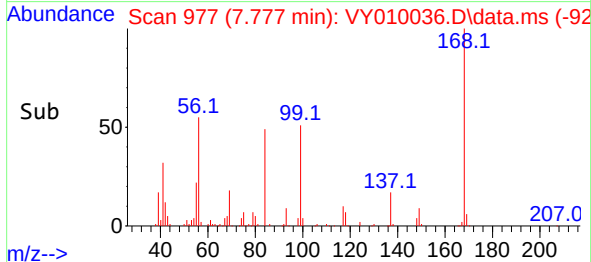
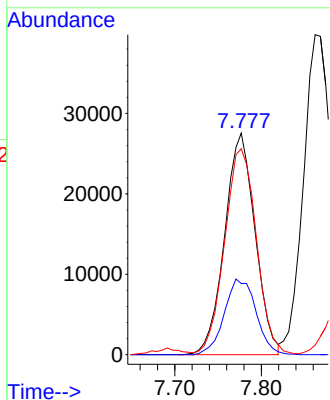
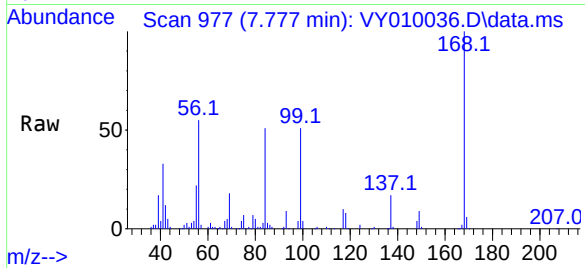




#31  
Cyclohexane  
Concen: 40.230 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

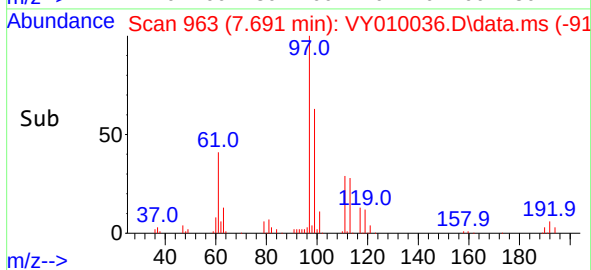
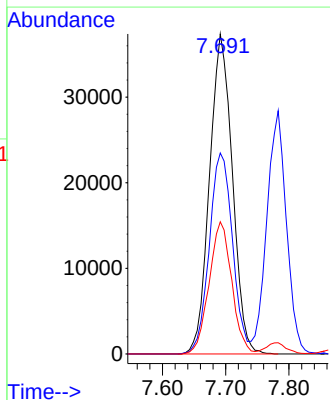
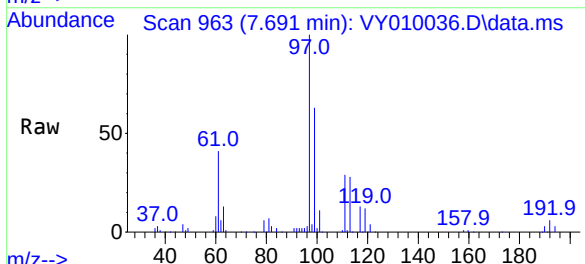
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY081522

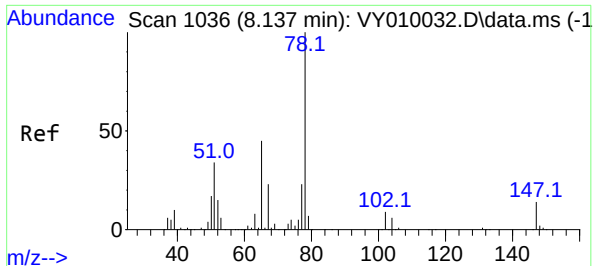
Tgt Ion: 56 Resp: 67269  
Ion Ratio Lower Upper  
56 100  
69 32.2 28.6 43.0  
84 91.0 76.0 114.0



#32  
1,1,1-Trichloroethane  
Concen: 47.847 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 97 Resp: 93536  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.3 76.9  
61 41.0 32.9 49.3





#33

1,2-Dichloroethane-d4

Concen: 35.835 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY010036.D

Acq: 15 Aug 2022 19:13

Instrument :

MSVOA\_Y

ClientSampleId :

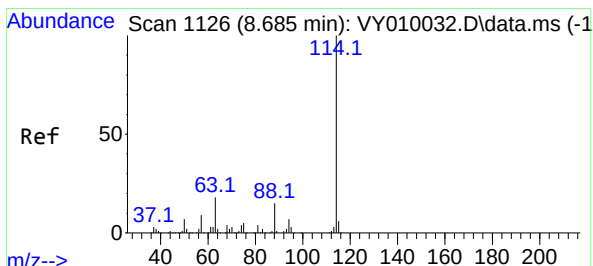
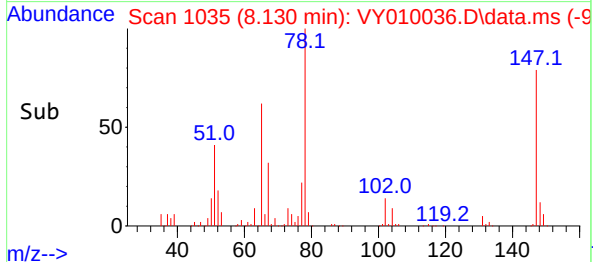
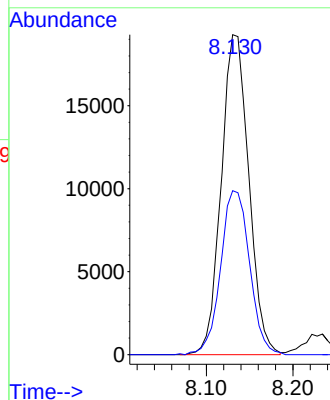
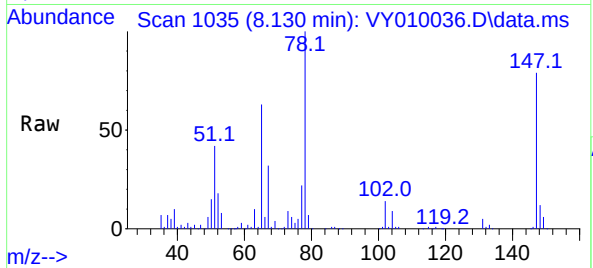
ICVY081522

Tgt Ion: 65 Resp: 42654

Ion Ratio Lower Upper

65 100

67 53.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010036.D

Acq: 15 Aug 2022 19:13

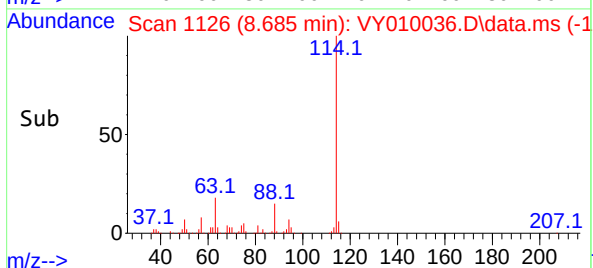
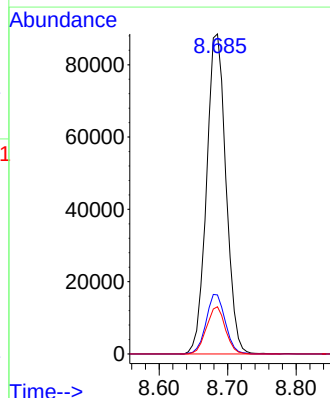
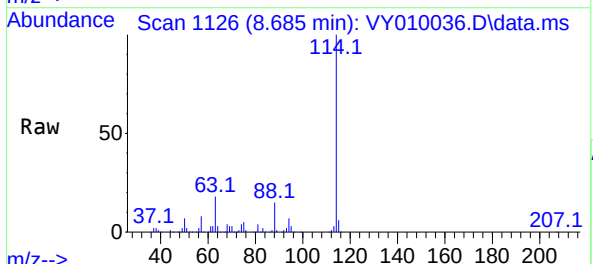
Tgt Ion: 114 Resp: 174246

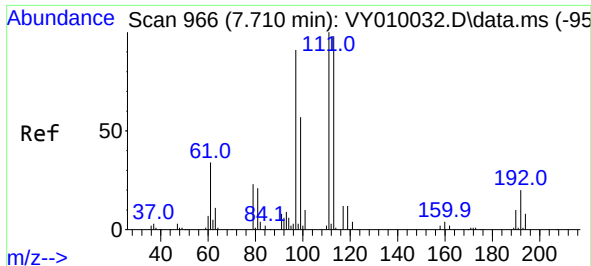
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.2

88 14.7 0.0 30.2

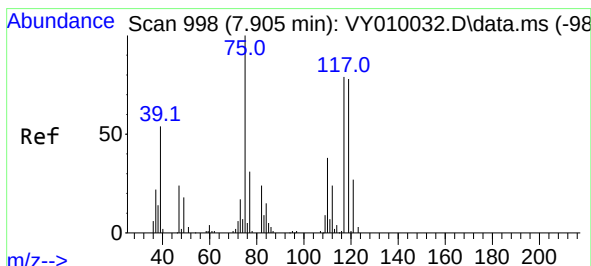
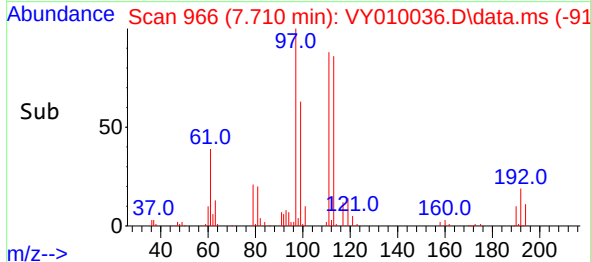
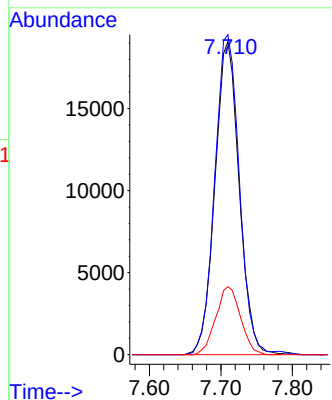
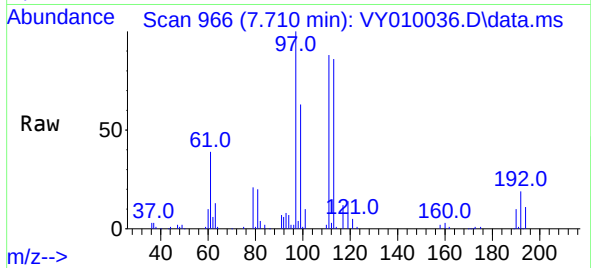




#35  
Dibromofluoromethane  
Concen: 40.046 ug/l  
RT: 7.710 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

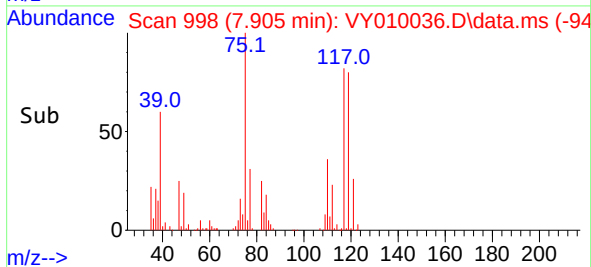
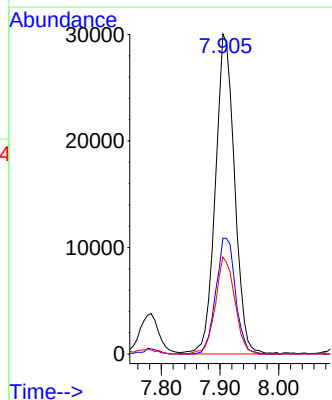
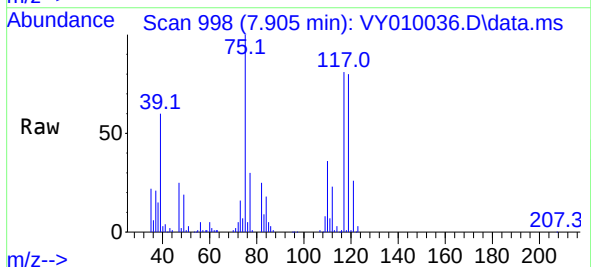
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

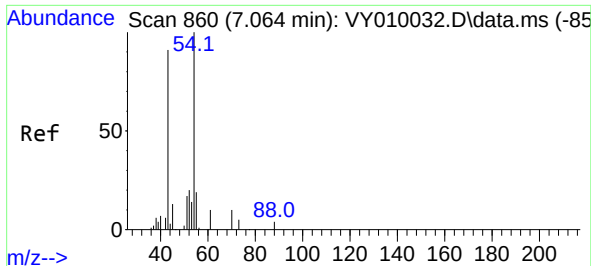
Tgt Ion:113 Resp: 45045  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.7 124.1  
192 22.0 17.2 25.8



#36  
1,1-Dichloropropene  
Concen: 43.820 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 75 Resp: 68193  
Ion Ratio Lower Upper  
75 100  
110 36.9 18.4 55.4  
77 30.5 24.6 36.8





#37

Ethyl Acetate

Concen: 55.345 ug/l

RT: 7.063 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY010036.D

Acq: 15 Aug 2022 19:13

Instrument :

MSVOA\_Y

ClientSampleId :

ICVVY081522

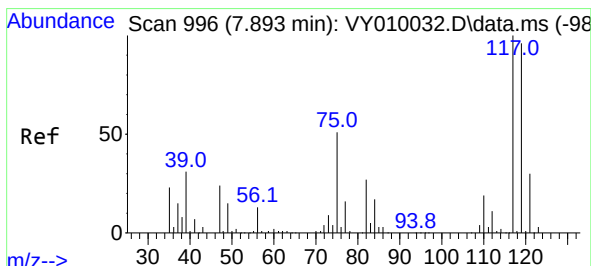
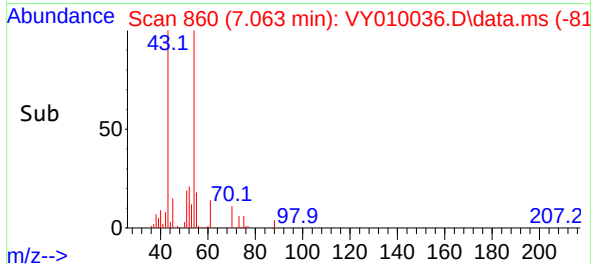
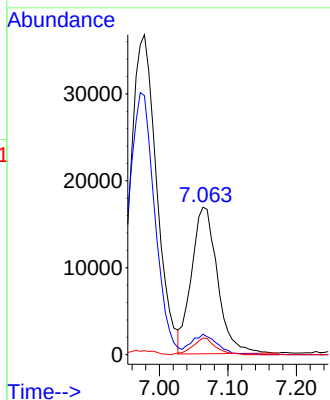
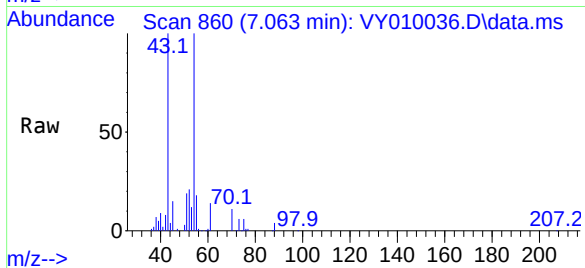
Tgt Ion: 43 Resp: 44473

Ion Ratio Lower Upper

43 100

61 13.1 9.6 14.4

70 10.0 7.9 11.9



#38

Carbon Tetrachloride

Concen: 45.503 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY010036.D

Acq: 15 Aug 2022 19:13

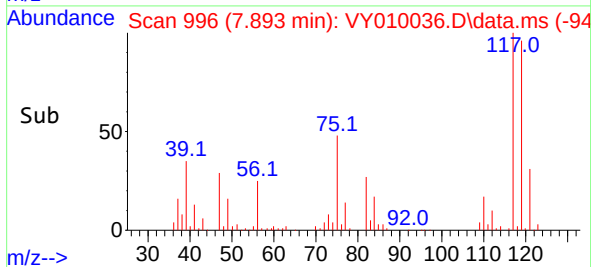
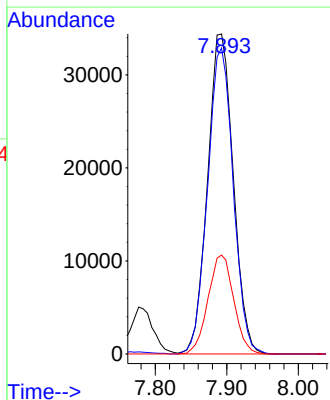
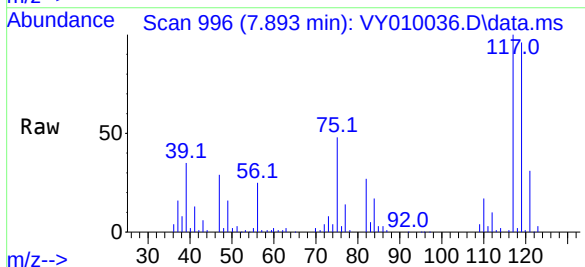
Tgt Ion: 117 Resp: 85957

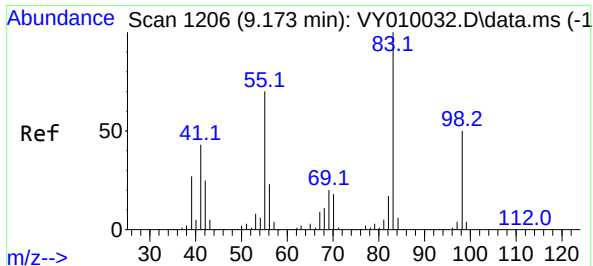
Ion Ratio Lower Upper

117 100

119 95.6 77.0 115.6

121 30.9 24.2 36.4





#39

Methylcyclohexane

Concen: 44.688 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010036.D

Acq: 15 Aug 2022 19:13

Instrument :

MSVOA\_Y

ClientSampleId :

ICVVY081522

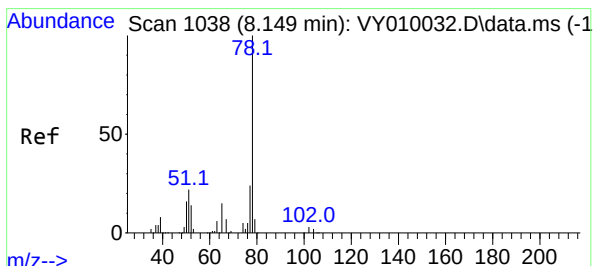
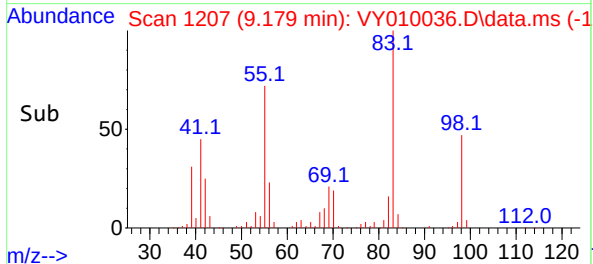
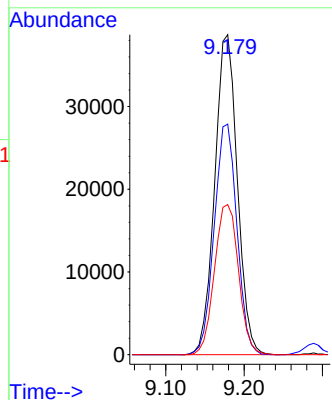
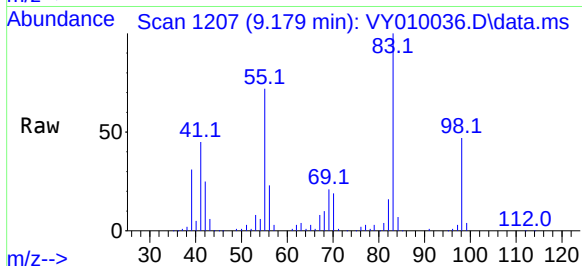
Tgt Ion: 83 Resp: 77822

Ion Ratio Lower Upper

83 100

55 72.1 56.3 84.5

98 46.9 39.8 59.8



#40

Benzene

Concen: 44.669 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY010036.D

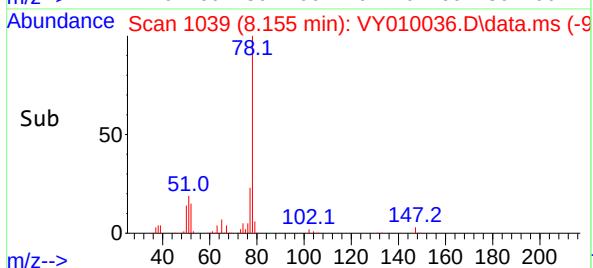
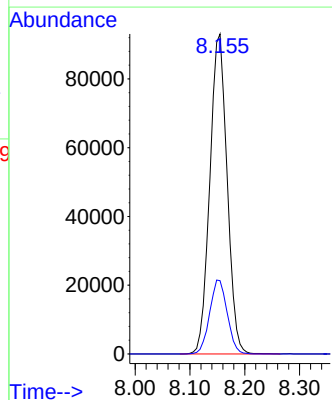
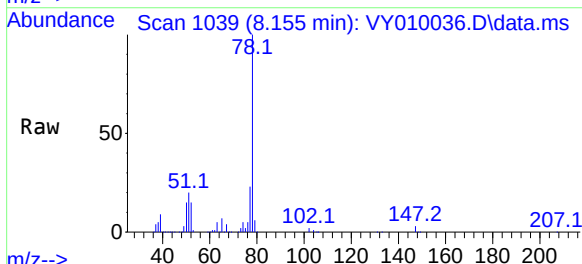
Acq: 15 Aug 2022 19:13

Tgt Ion: 78 Resp: 203054

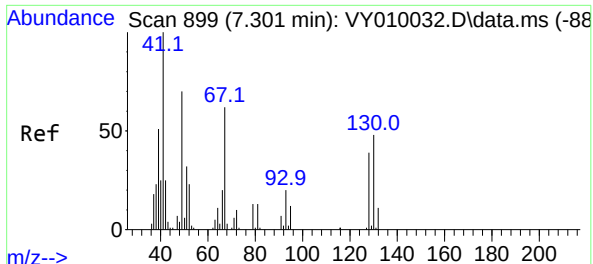
Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6



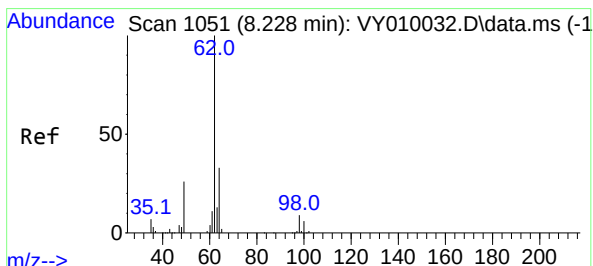
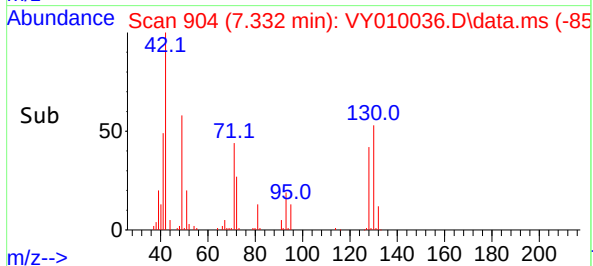
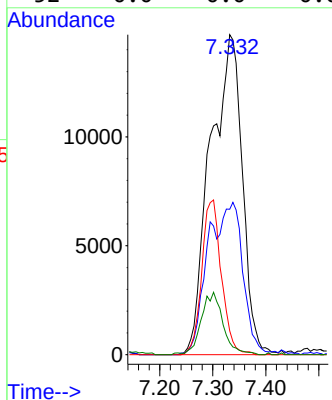
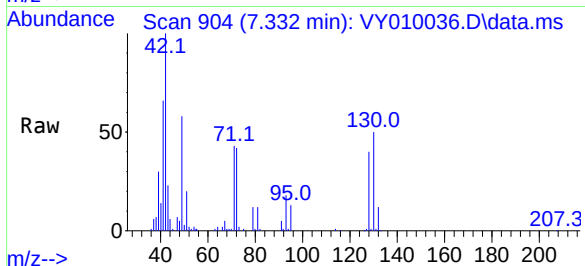




#41  
Methacrylonitrile  
Concen: 150.461 ug/l  
RT: 7.332 min Scan# 904  
Delta R.T. 0.031 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

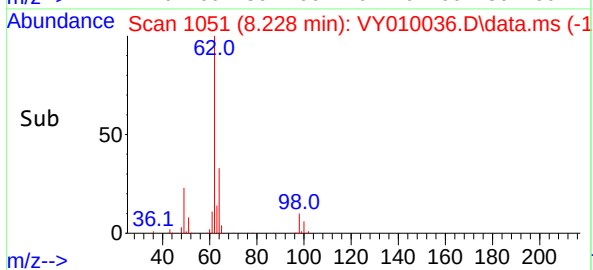
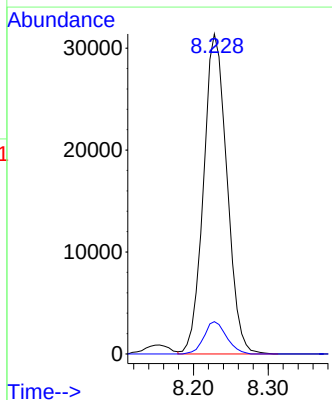
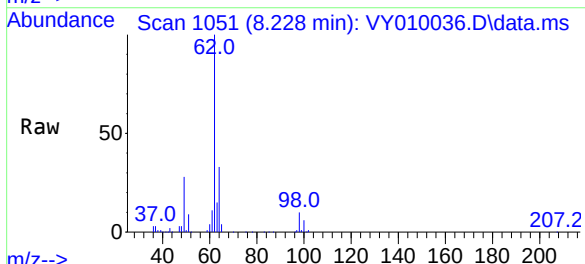
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

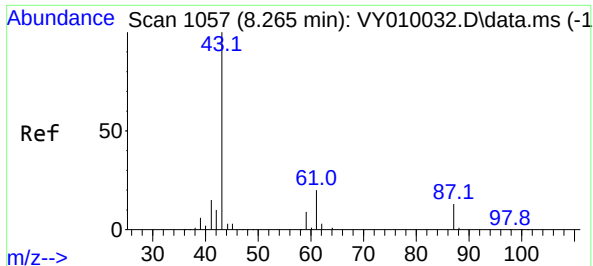
Tgt Ion: 41 Resp: 61317  
Ion Ratio Lower Upper  
41 100  
39 29.1 59.4 89.2#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 48.564 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 62 Resp: 68243  
Ion Ratio Lower Upper  
62 100  
98 9.7 0.0 19.0

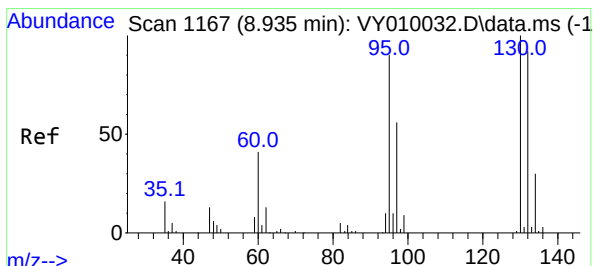
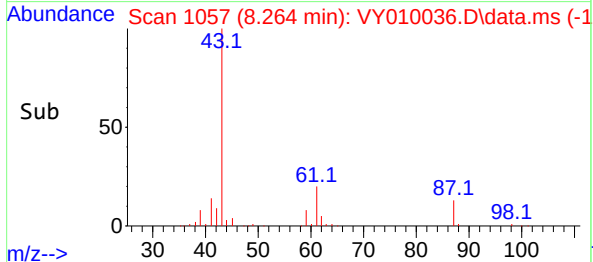
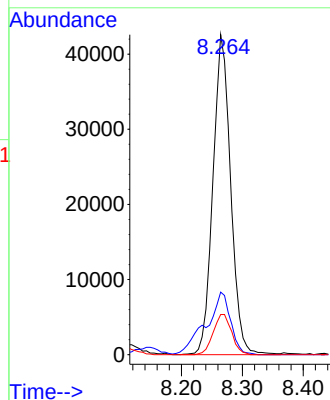
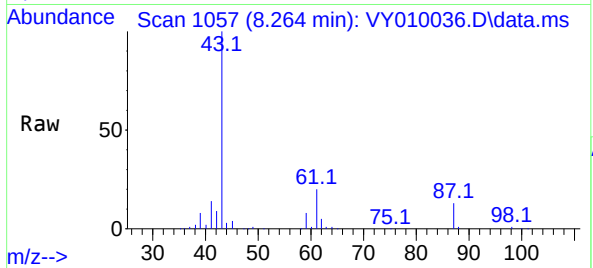




#43  
Isopropyl Acetate  
Concen: 56.444 ug/l  
RT: 8.264 min Scan# 11057  
Delta R.T. -0.001 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

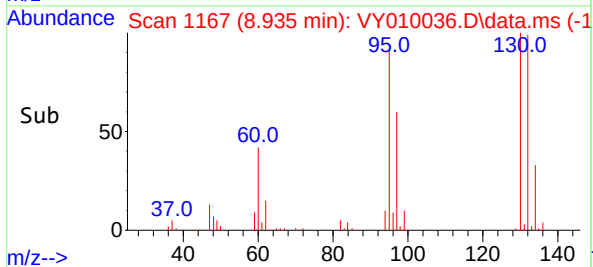
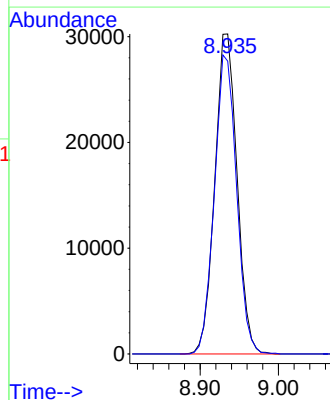
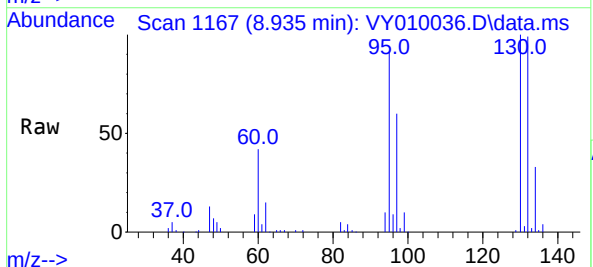
Instrument : MSVOA\_Y  
ClientSampleId : ICVVY081522

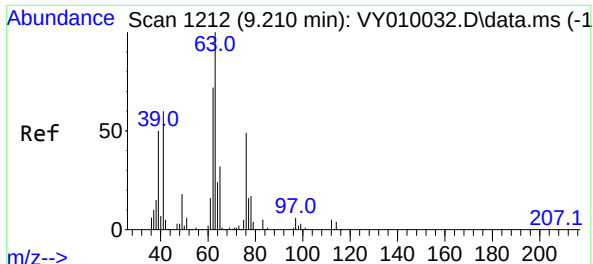
Tgt Ion: 43 Resp: 86115  
Ion Ratio Lower Upper  
43 100  
61 27.2 23.0 34.6  
87 13.1 11.1 16.7



#44  
Trichloroethene  
Concen: 44.526 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion:130 Resp: 59823  
Ion Ratio Lower Upper  
130 100  
95 91.5 0.0 180.0





#45

1,2-Dichloropropane

Concen: 48.951 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.001 min

Lab File: VY010036.D

Acq: 15 Aug 2022 19:13

Instrument :

MSVOA\_Y

ClientSampleId :

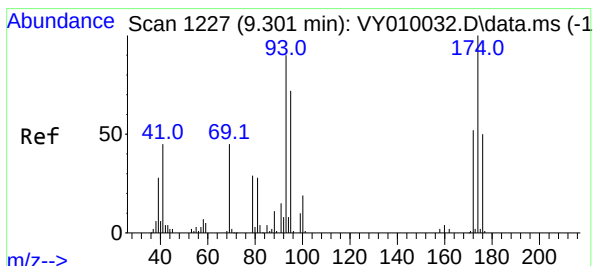
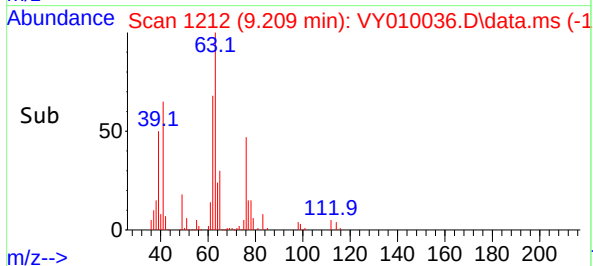
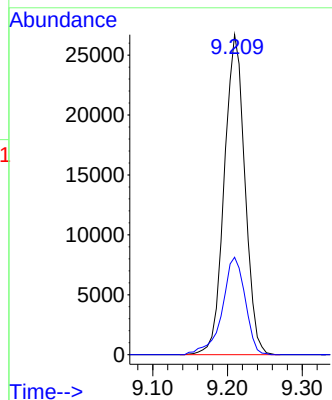
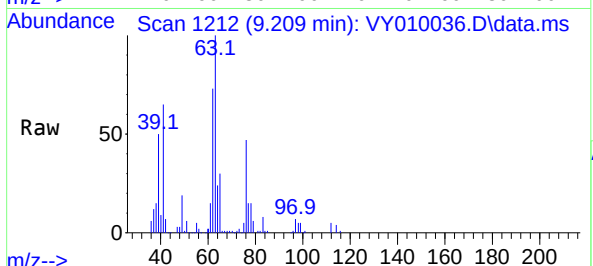
ICVVY081522

Tgt Ion: 63 Resp: 51188

Ion Ratio Lower Upper

63 100

65 30.4 25.4 38.0



#46

Dibromomethane

Concen: 49.703 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010036.D

Acq: 15 Aug 2022 19:13

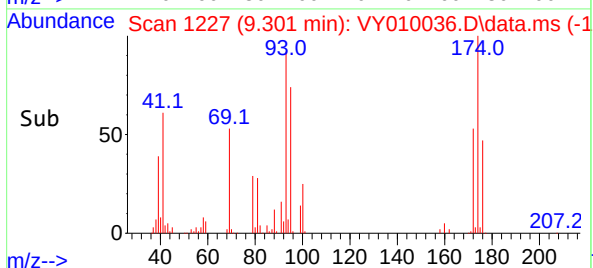
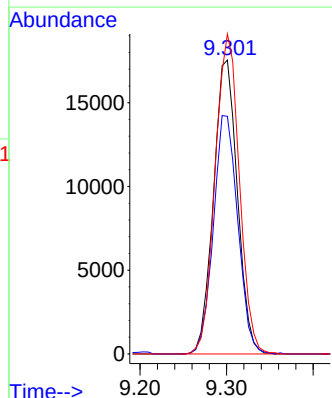
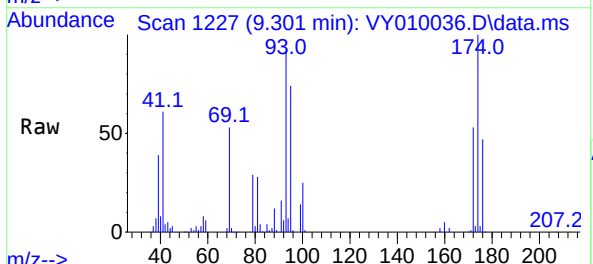
Tgt Ion: 93 Resp: 33599

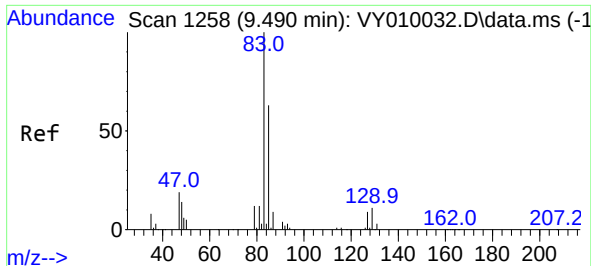
Ion Ratio Lower Upper

93 100

95 82.9 66.5 99.7

174 110.2 89.5 134.3

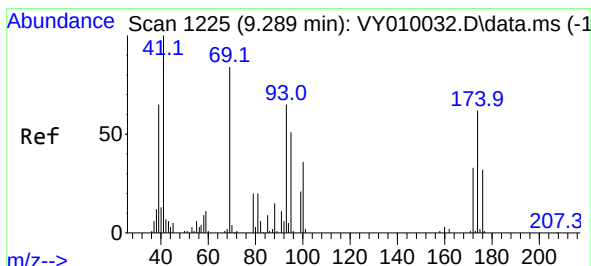
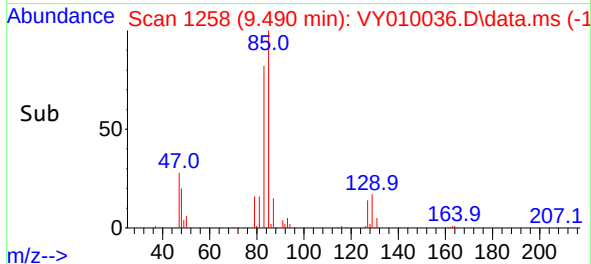
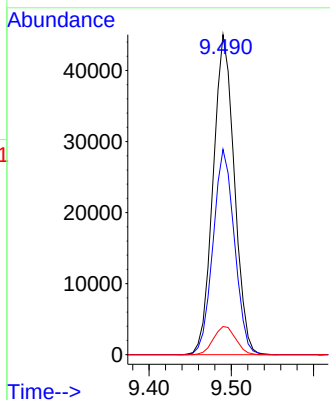
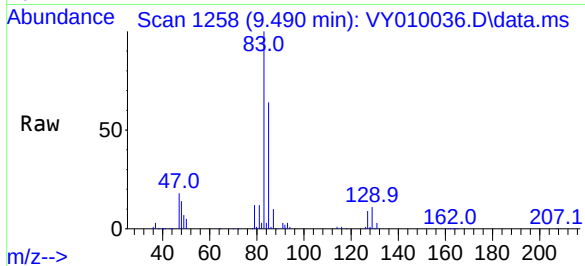




#47  
Bromodichloromethane  
Concen: 49.654 ug/l  
RT: 9.490 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

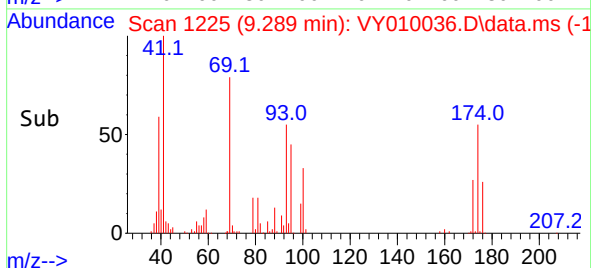
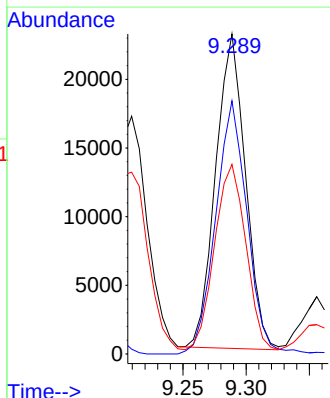
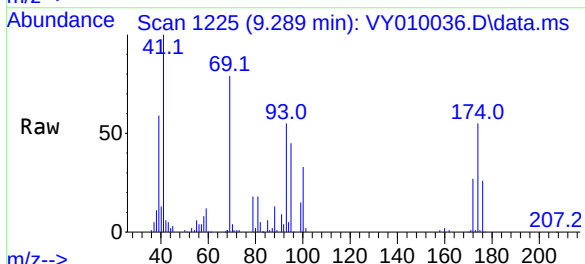
Instrument : MSVOA\_Y  
ClientSampleId : ICVVY081522

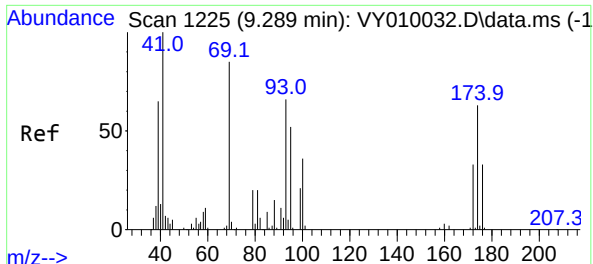
Tgt Ion: 83 Resp: 80792  
Ion Ratio Lower Upper  
83 100  
85 64.2 50.4 75.6  
127 8.8 6.8 10.2



#48  
Methyl methacrylate  
Concen: 59.135 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 41 Resp: 37509  
Ion Ratio Lower Upper  
41 100  
69 85.3 69.1 103.7  
39 64.8 51.5 77.3

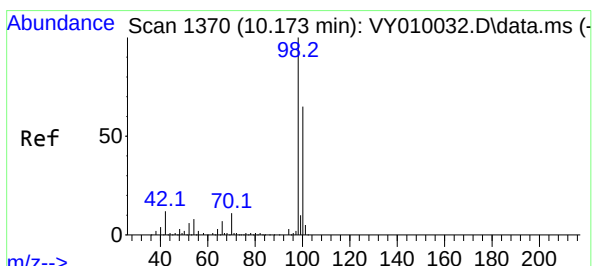
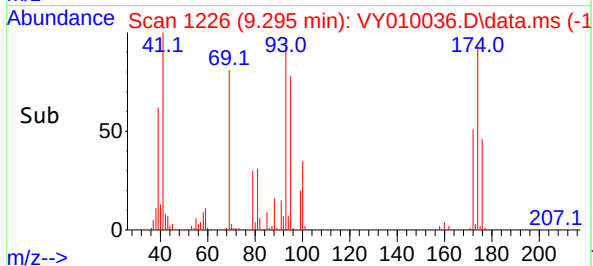
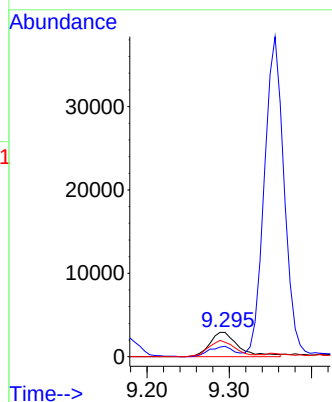
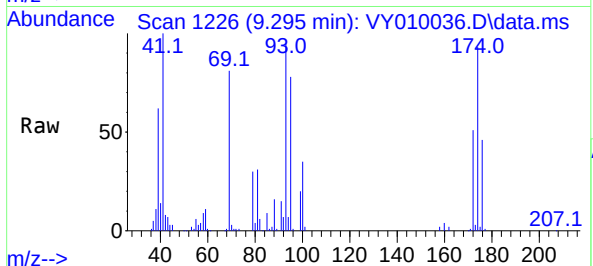




#49  
1,4-Dioxane  
Concen: 942.013 ug/l  
RT: 9.295 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

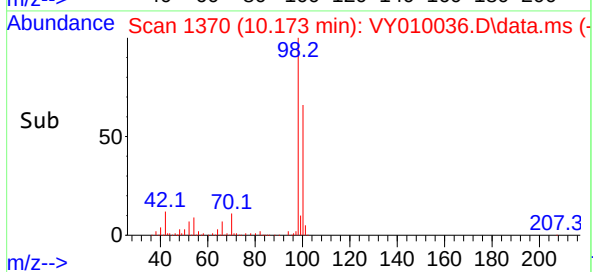
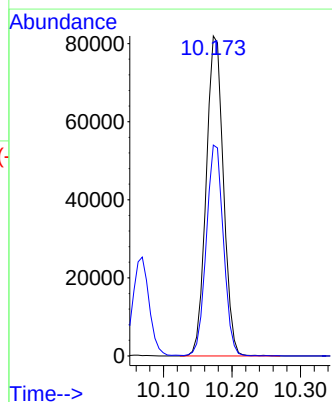
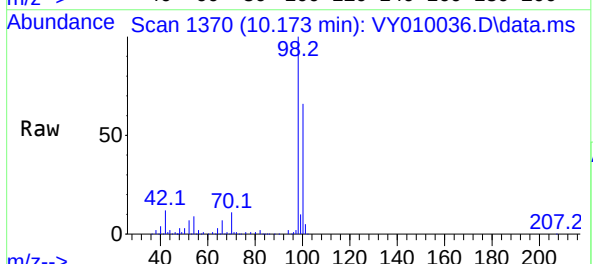
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

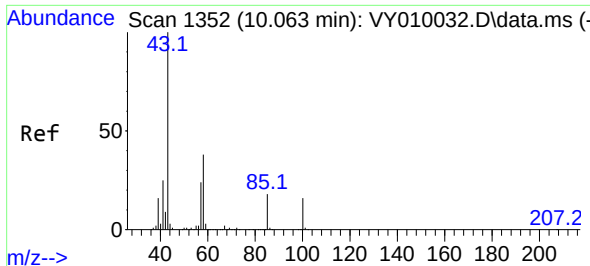
Tgt Ion: 88 Resp: 7130  
Ion Ratio Lower Upper  
88 100  
43 35.9 28.2 42.4  
58 61.2 47.2 70.8



#50  
Toluene-d8  
Concen: 34.699 ug/l  
RT: 10.173 min Scan# 1370  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 98 Resp: 143273  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.1 78.1

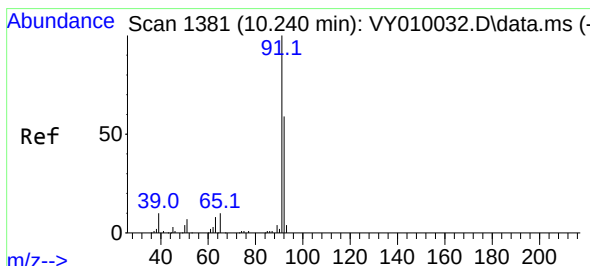
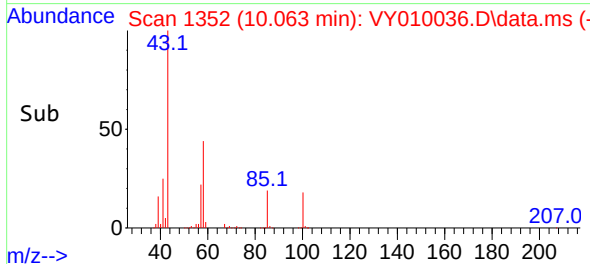
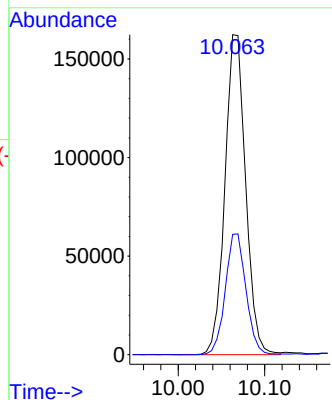
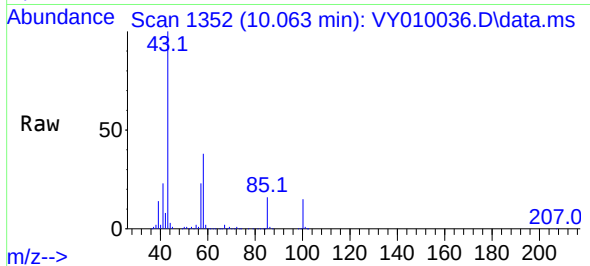




#51  
4-Methyl-2-Pentanone  
Concen: 336.947 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

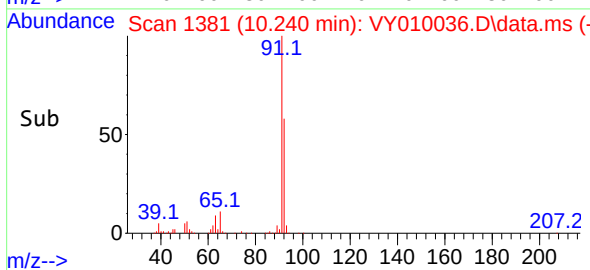
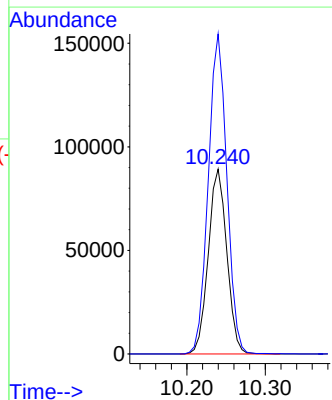
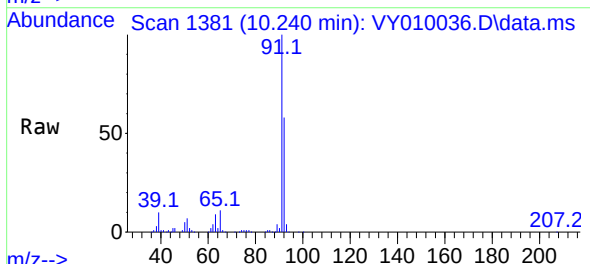
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

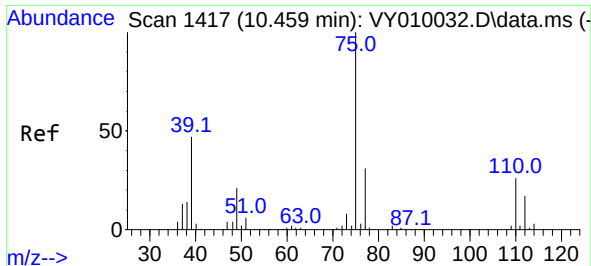
Tgt Ion: 43 Resp: 269805  
Ion Ratio Lower Upper  
43 100  
58 37.7 29.8 44.8



#52  
Toluene  
Concen: 50.912 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 92 Resp: 146641  
Ion Ratio Lower Upper  
92 100  
91 173.4 137.6 206.4

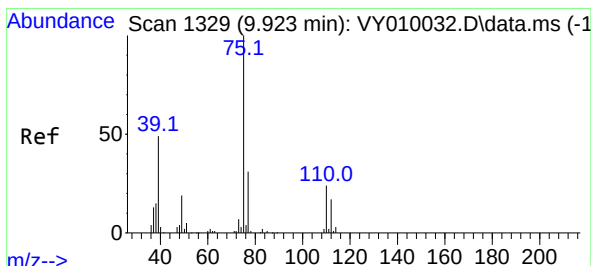
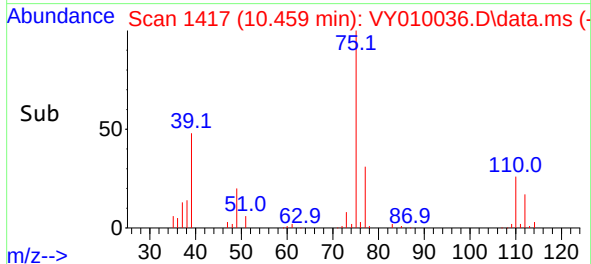
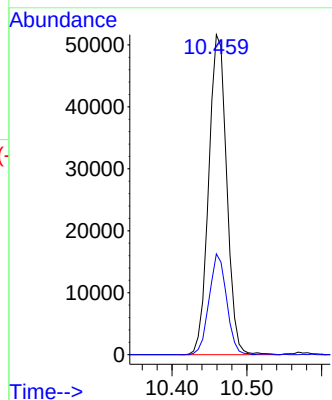
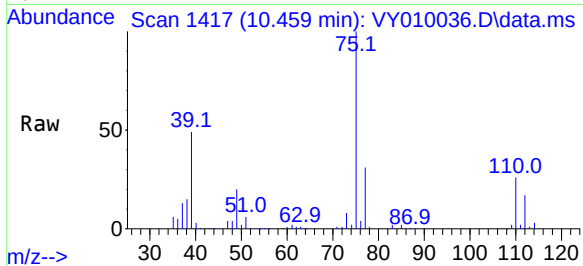




#53  
t-1,3-Dichloropropene  
Concen: 55.061 ug/l  
RT: 10.459 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

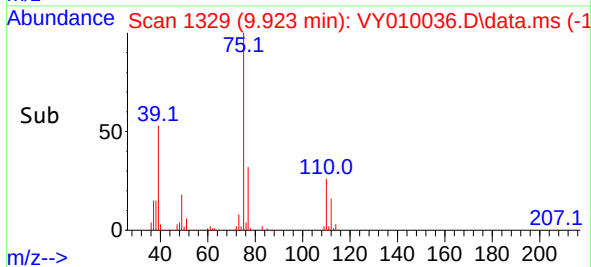
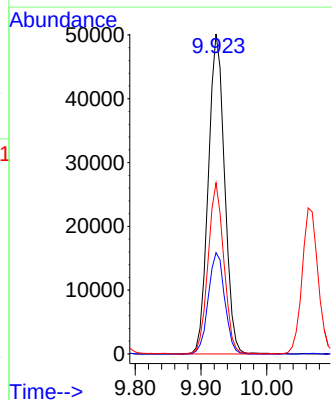
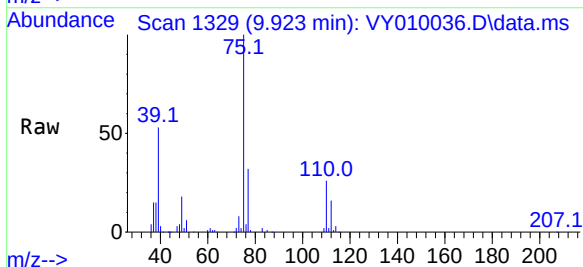
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

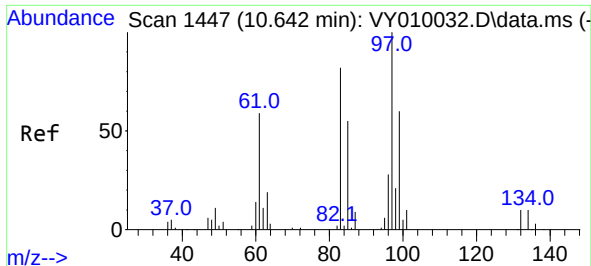
Tgt Ion: 75 Resp: 86529  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.0 37.6



#54  
cis-1,3-Dichloropropene  
Concen: 50.178 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

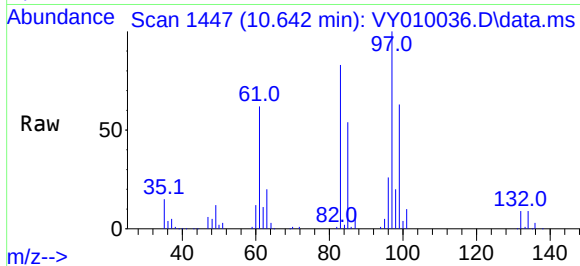
Tgt Ion: 75 Resp: 86385  
Ion Ratio Lower Upper  
75 100  
77 31.6 24.6 37.0  
39 53.5 39.2 58.8





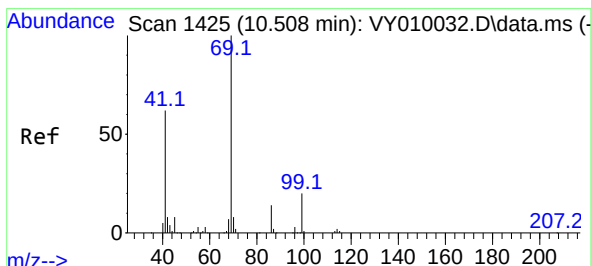
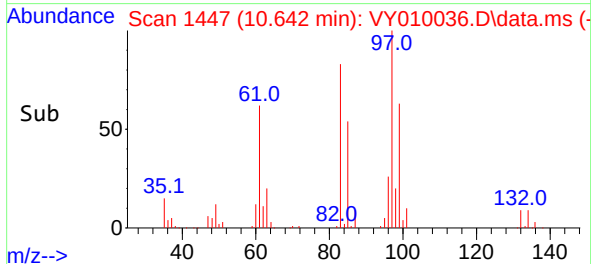
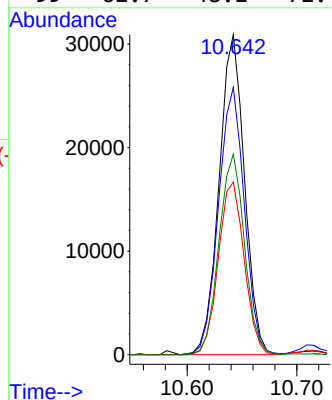
#55  
1,1,2-Trichloroethane  
Concen: 53.556 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522



Tgt Ion: 97 Resp: 49835

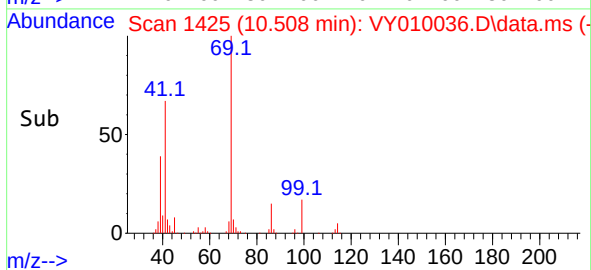
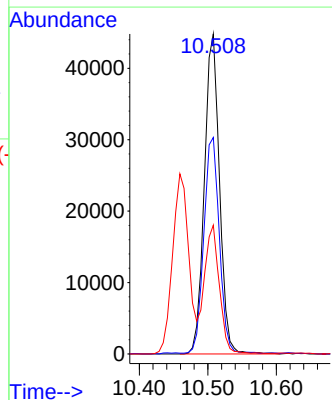
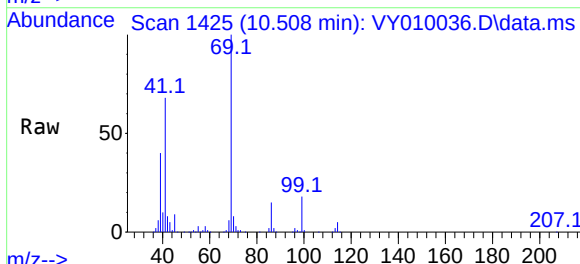
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.5  | 65.9  | 98.9  |
| 85  | 53.9  | 44.2  | 66.2  |
| 99  | 62.7  | 48.2  | 72.4  |



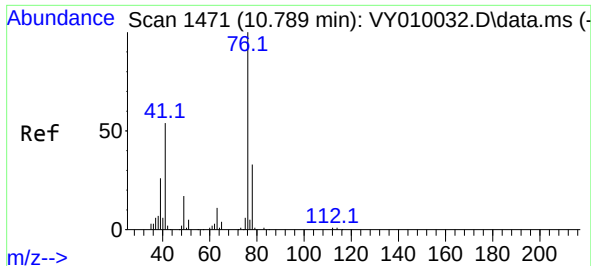
#56  
Ethyl methacrylate  
Concen: 63.142 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 69 Resp: 68973

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 68.9  | 52.8  | 79.2  |
| 39  | 39.8  | 32.4  | 48.6  |







#57

1,3-Dichloropropane

Concen: 54.120 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.007 min

Lab File: VY010036.D

Acq: 15 Aug 2022 19:13

Instrument :

MSVOA\_Y

ClientSampleId :

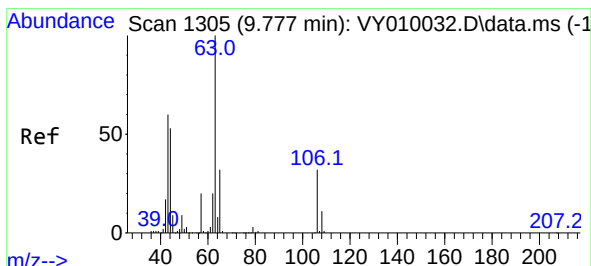
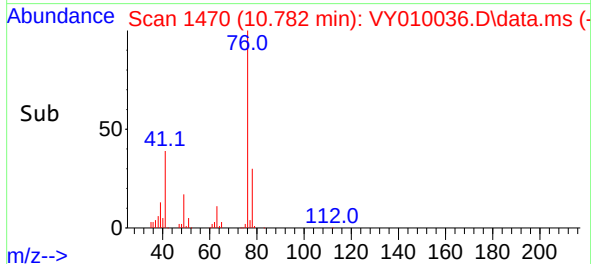
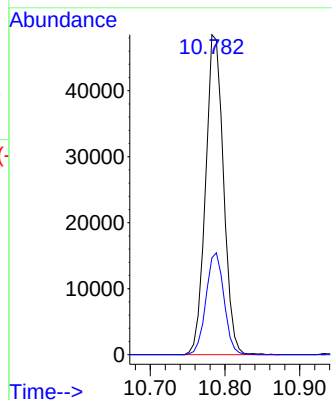
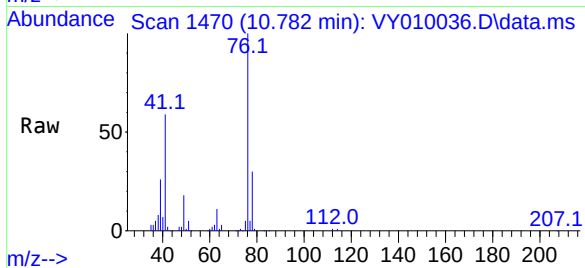
ICVY081522

Tgt Ion: 76 Resp: 80744

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 314.823 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VY010036.D

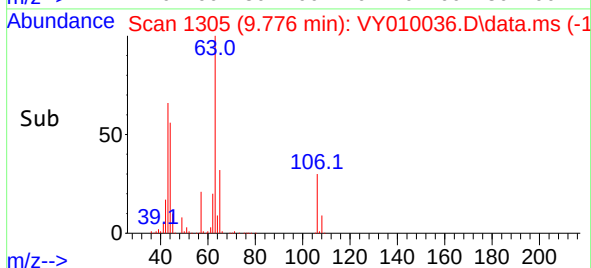
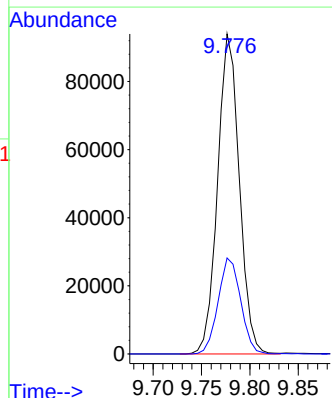
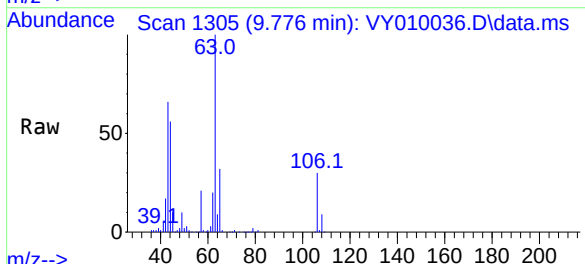
Acq: 15 Aug 2022 19:13

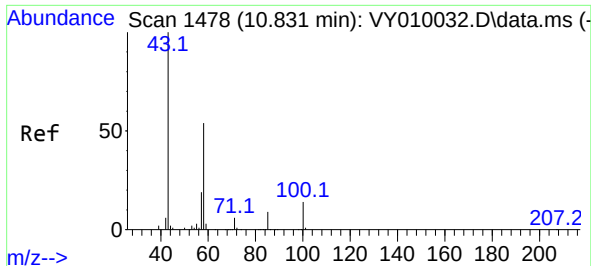
Tgt Ion: 63 Resp: 146300

Ion Ratio Lower Upper

63 100

106 31.1 25.7 38.5

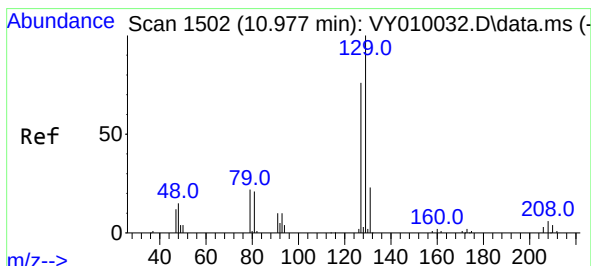
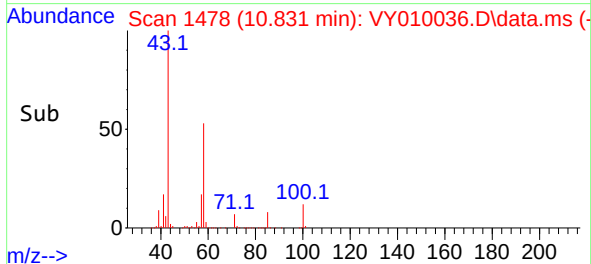
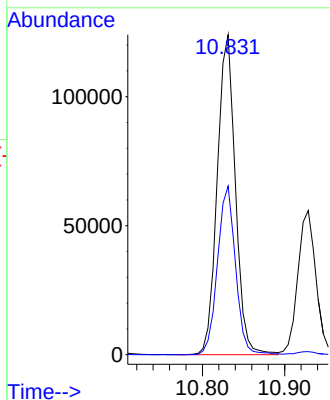
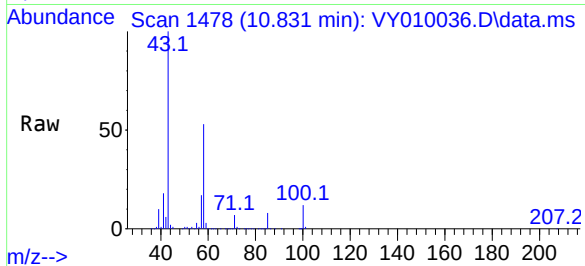




#59  
2-Hexanone  
Concen: 362.371 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

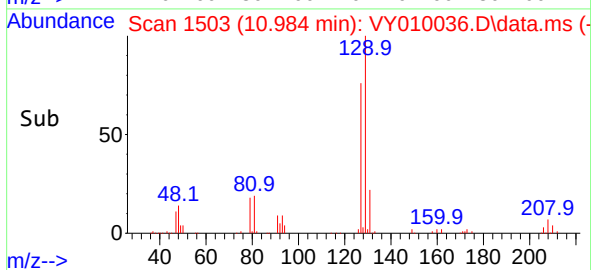
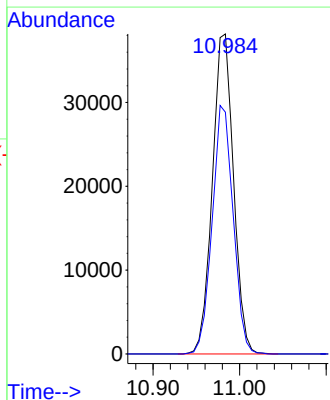
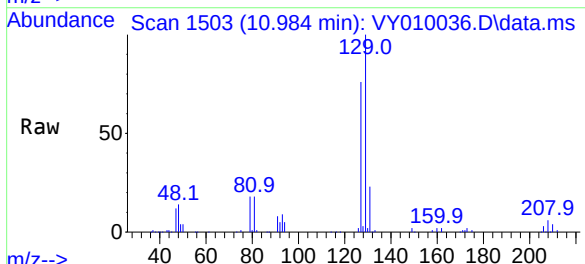
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

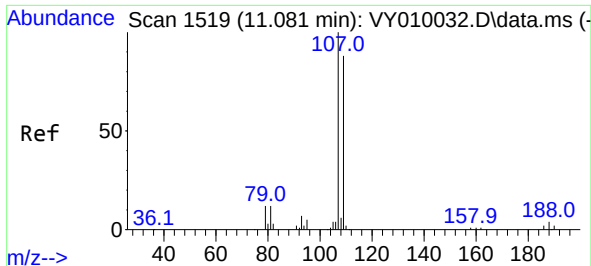
Tgt Ion: 43 Resp: 190396  
Ion Ratio Lower Upper  
43 100  
58 52.3 26.3 78.9



#60  
Dibromochloromethane  
Concen: 52.358 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.007 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion:129 Resp: 64743  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.1 114.5

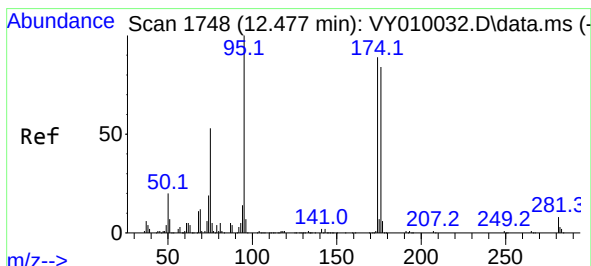
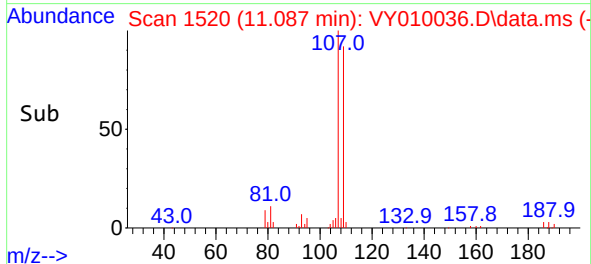
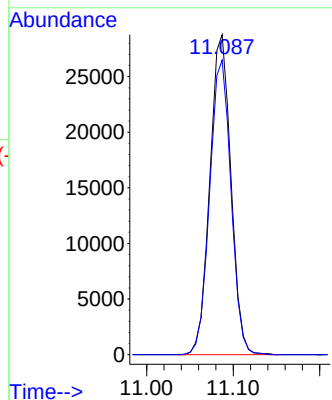
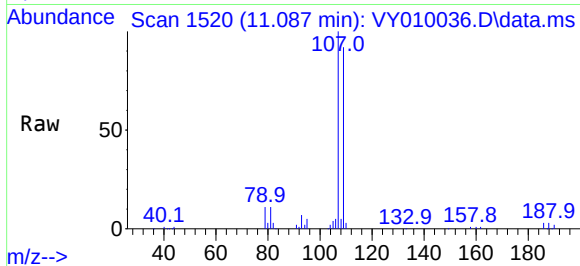




#61  
1,2-Dibromoethane  
Concen: 53.187 ug/l  
RT: 11.087 min Scan# 11087  
Delta R.T. 0.006 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

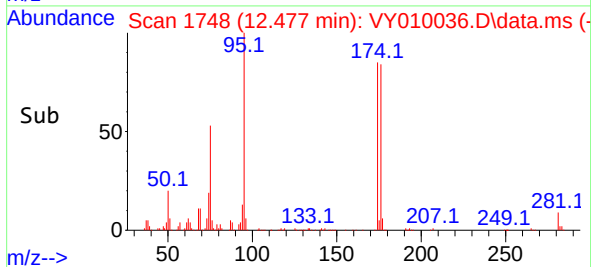
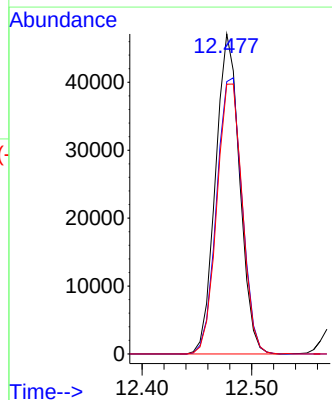
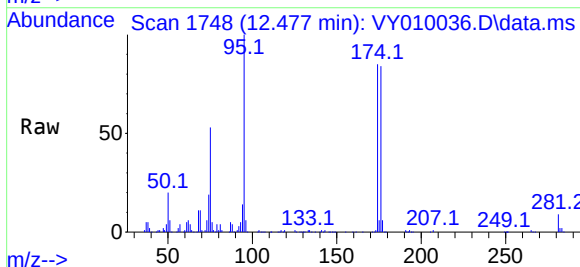
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

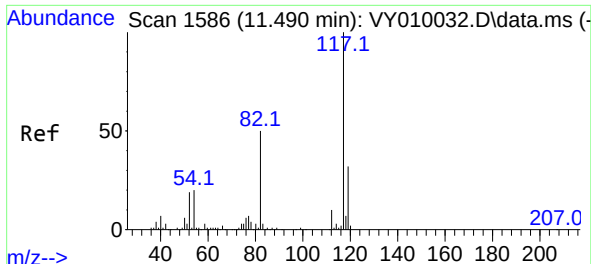
Tgt Ion:107 Resp: 48496  
Ion Ratio Lower Upper  
107 100  
109 93.2 73.9 110.9



#62  
4-Bromofluorobenzene  
Concen: 50.242 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 95 Resp: 72281  
Ion Ratio Lower Upper  
95 100  
174 90.5 0.0 184.2  
176 88.4 0.0 178.4

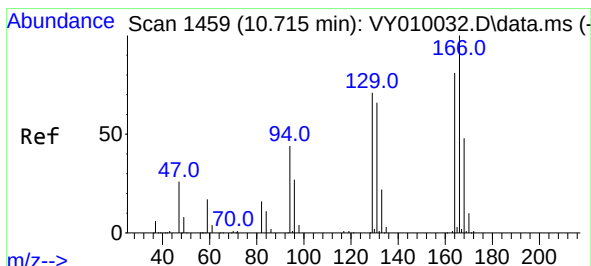
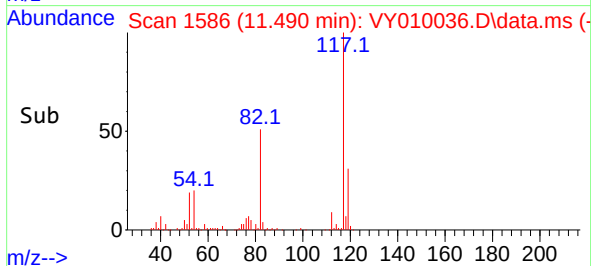
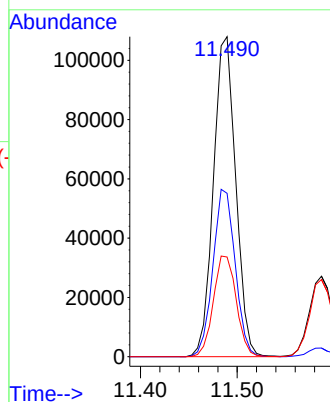
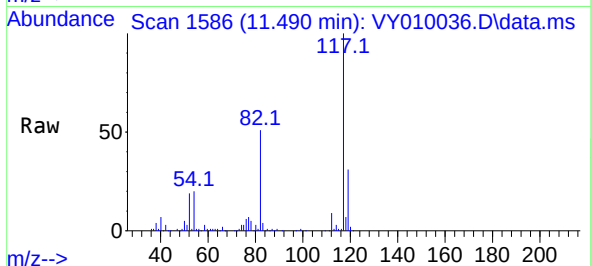




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

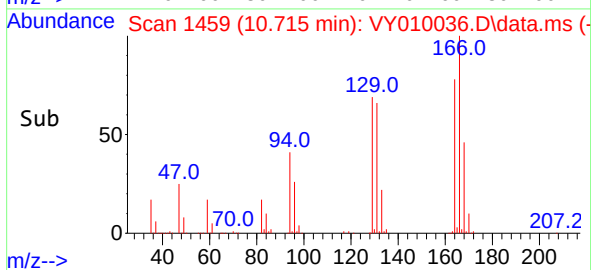
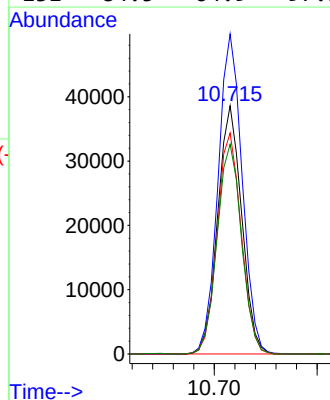
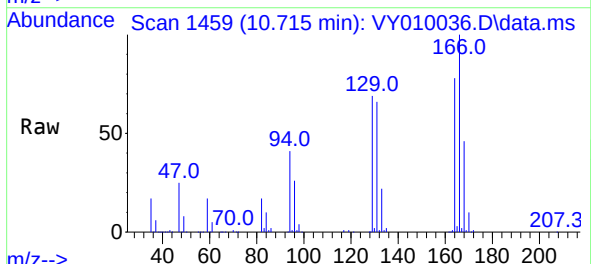
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

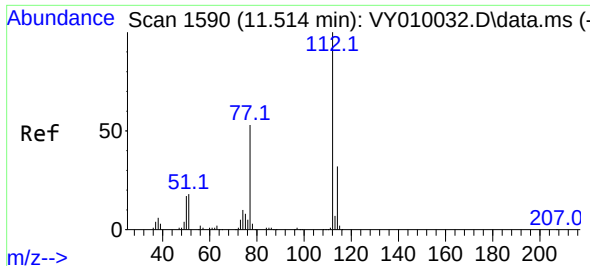
Tgt Ion:117 Resp: 172672  
Ion Ratio Lower Upper  
117 100  
82 51.0 39.8 59.6  
119 31.1 25.6 38.4



#64  
Tetrachloroethene  
Concen: 43.604 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion:164 Resp: 62497  
Ion Ratio Lower Upper  
164 100  
166 128.9 98.8 148.2  
129 89.0 70.1 105.1  
131 84.5 64.9 97.3

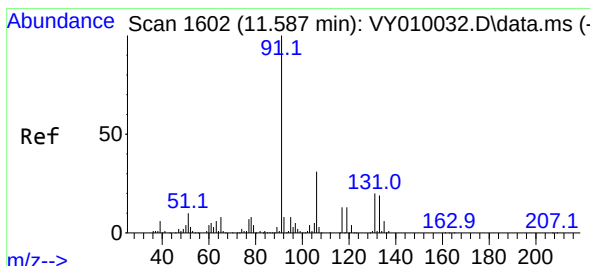
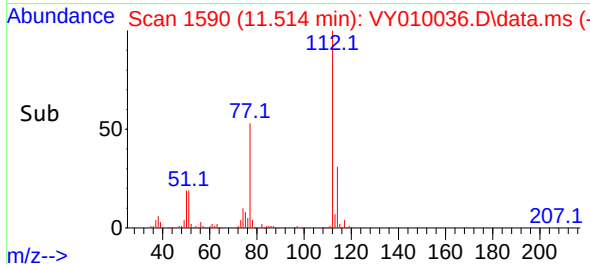
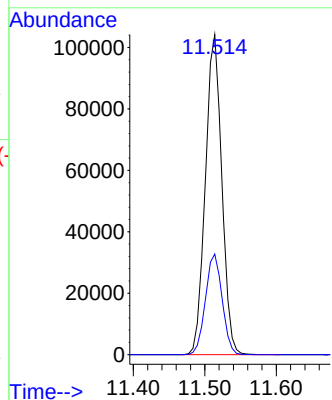
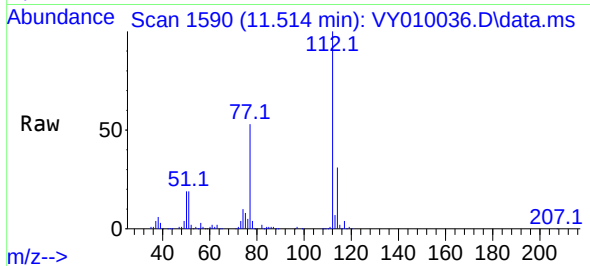




#65  
Chlorobenzene  
Concen: 48.157 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

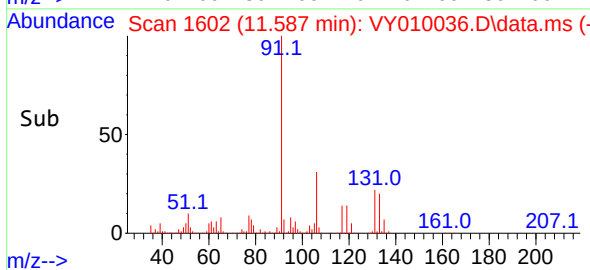
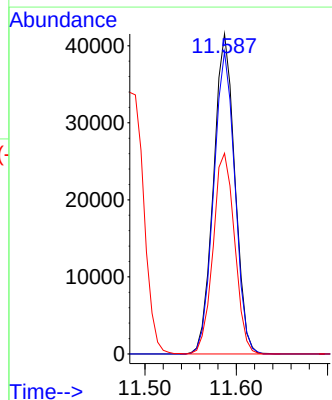
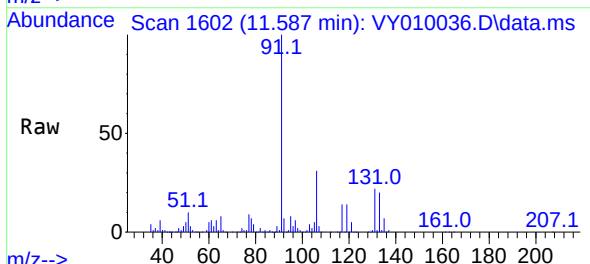
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

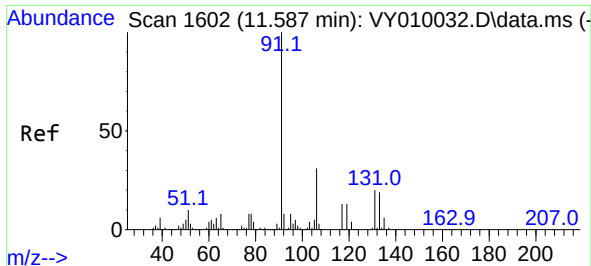
Tgt Ion:112 Resp: 166249  
Ion Ratio Lower Upper  
112 100  
114 31.5 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.042 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion:131 Resp: 67367  
Ion Ratio Lower Upper  
131 100  
133 94.0 47.0 141.0  
119 63.3 30.9 92.7





#67

Ethyl Benzene

Concen: 50.676 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010036.D

Acq: 15 Aug 2022 19:13

Instrument :

MSVOA\_Y

ClientSampleId :

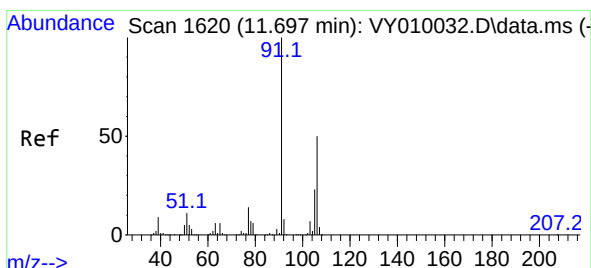
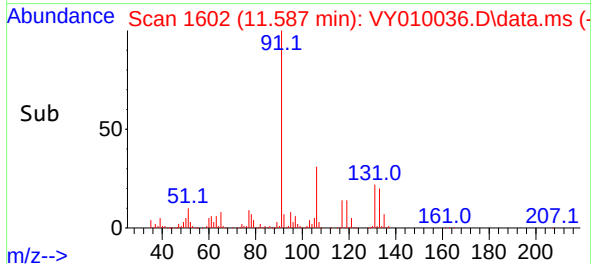
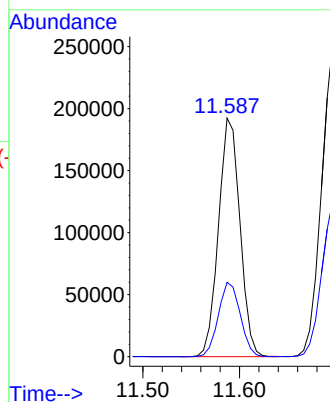
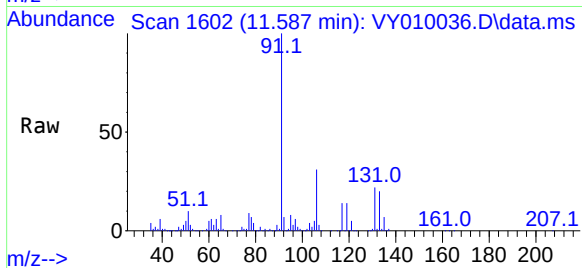
ICVY081522

Tgt Ion: 91 Resp: 295608

Ion Ratio Lower Upper

91 100

106 31.2 24.8 37.2



#68

m/p-Xylenes

Concen: 100.488 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY010036.D

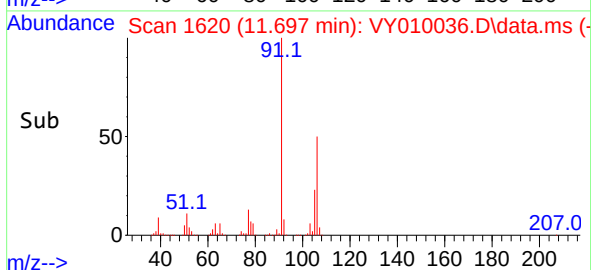
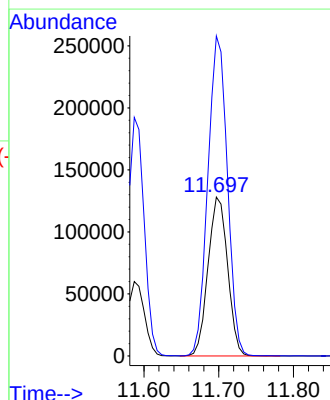
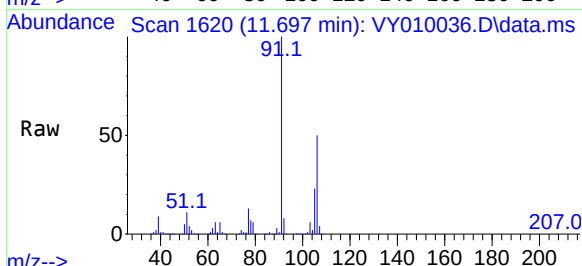
Acq: 15 Aug 2022 19:13

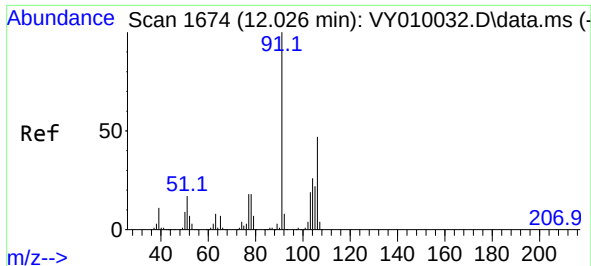
Tgt Ion:106 Resp: 233578

Ion Ratio Lower Upper

106 100

91 200.8 158.2 237.2

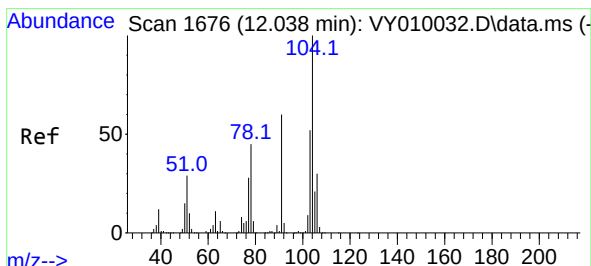
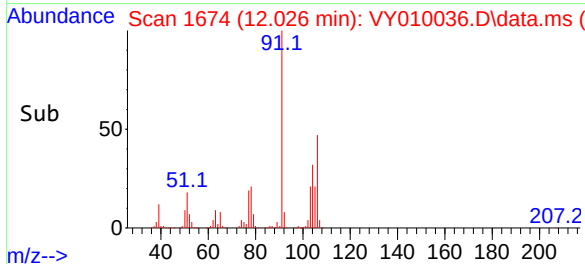
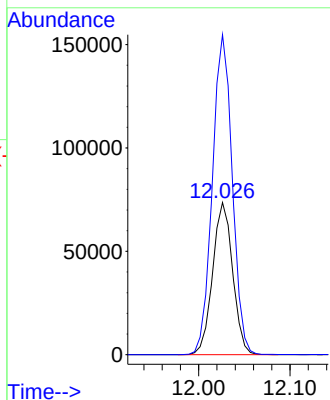
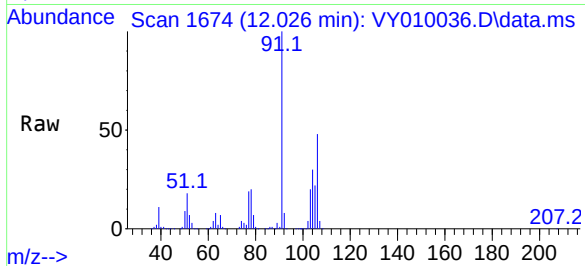




#69  
o-Xylene  
Concen: 51.344 ug/l  
RT: 12.026 min Scan# 112025  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

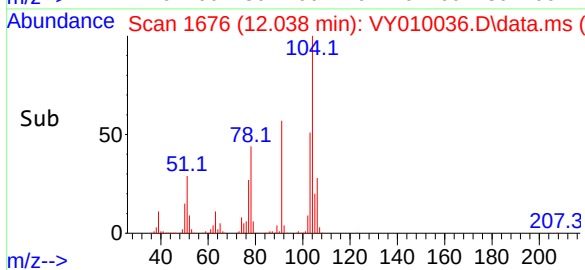
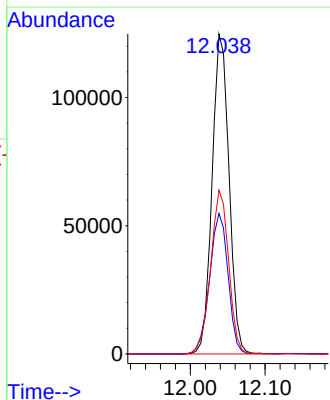
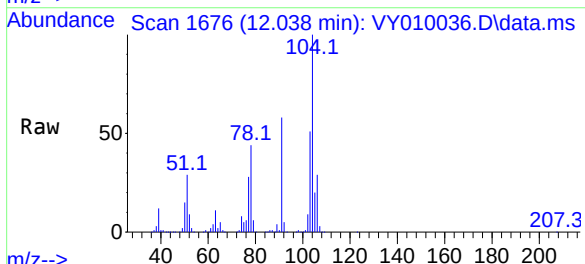
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

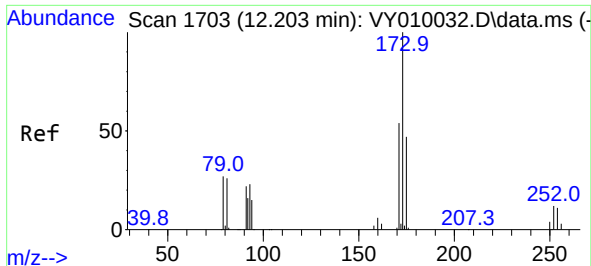
Tgt Ion:106 Resp: 112025  
Ion Ratio Lower Upper  
106 100  
91 209.2 104.6 313.7



#70  
Styrene  
Concen: 53.482 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion:104 Resp: 196412  
Ion Ratio Lower Upper  
104 100  
78 48.0 38.2 57.4  
103 54.5 44.0 66.0

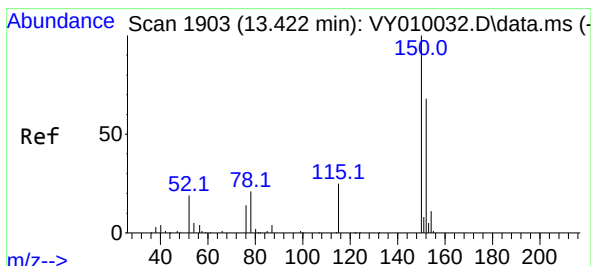
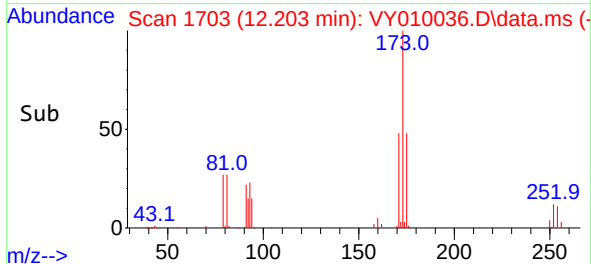
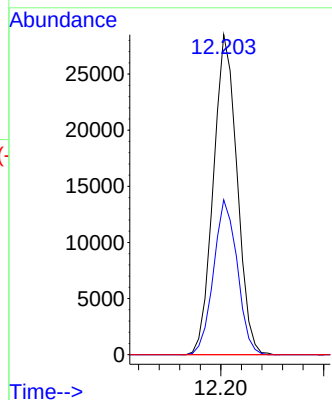
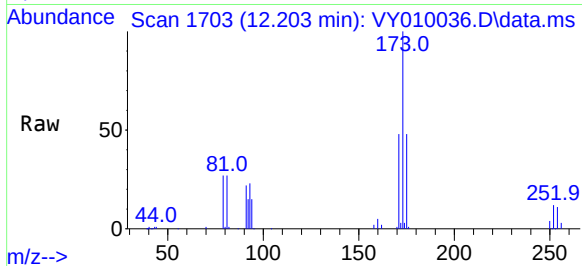




#71  
Bromoform  
Concen: 52.748 ug/l  
RT: 12.203 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

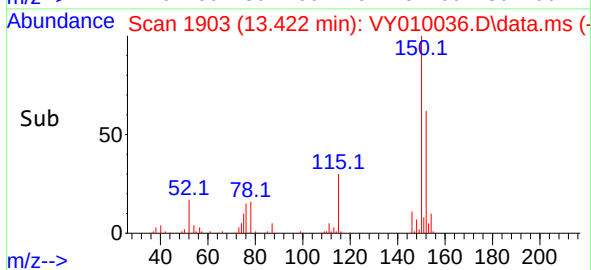
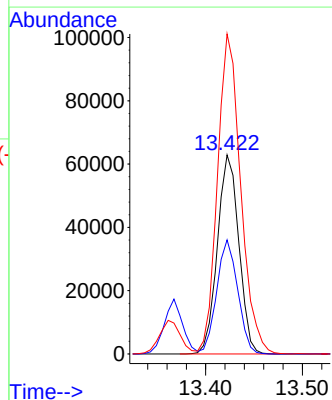
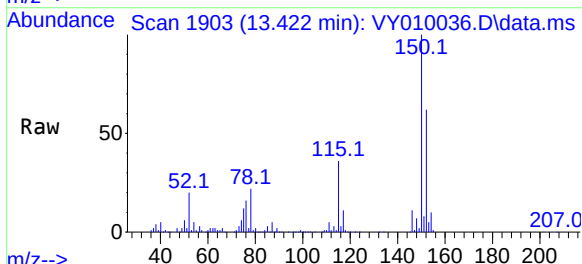
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY081522

Tgt Ion:173 Resp: 45552  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.3 72.8  
254 0.0 0.1 0.1#

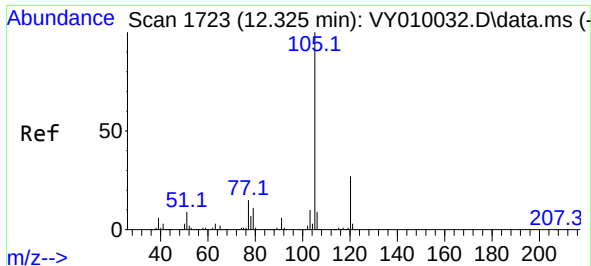


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion:152 Resp: 96476  
Ion Ratio Lower Upper  
152 100  
115 56.3 28.1 84.3  
150 174.3 0.0 346.6



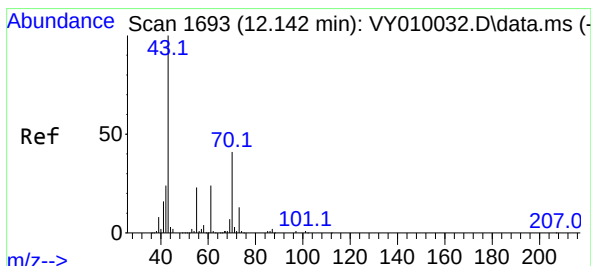
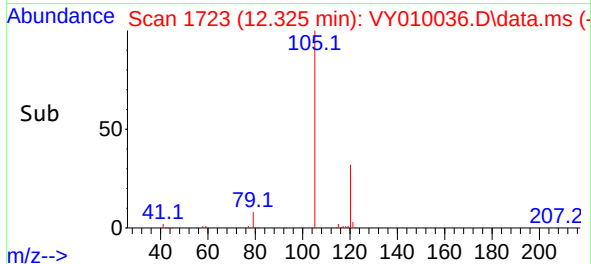
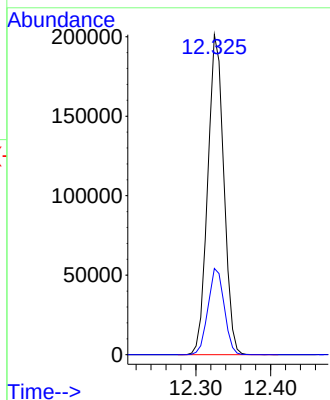
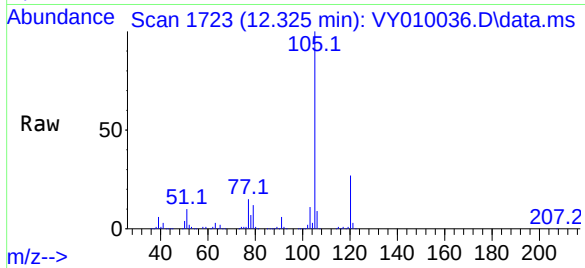




#73  
Isopropylbenzene  
Concen: 51.384 ug/l  
RT: 12.325 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

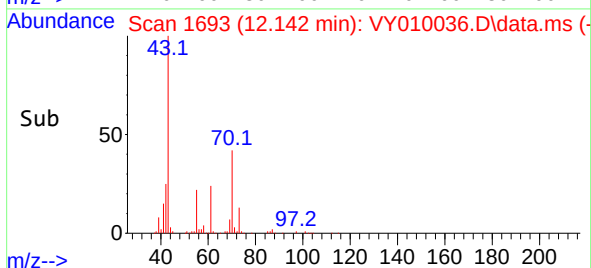
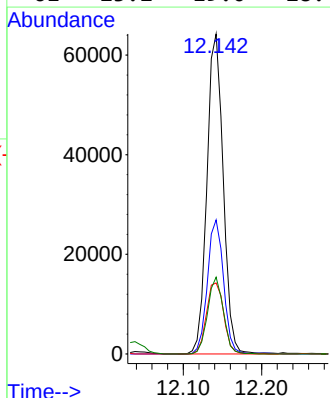
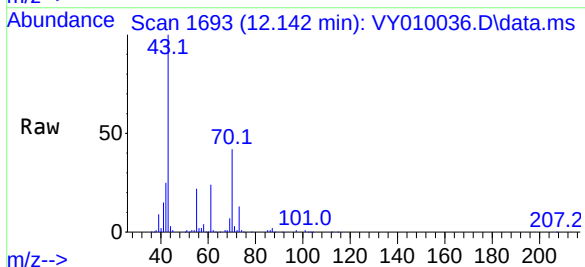
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

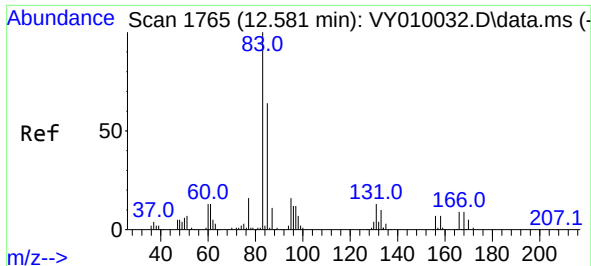
Tgt Ion:105 Resp: 300992  
Ion Ratio Lower Upper  
105 100  
120 27.2 13.5 40.4



#74  
N-ethyl acetate  
Concen: 68.008 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 43 Resp: 92685  
Ion Ratio Lower Upper  
43 100  
70 41.5 32.3 48.5  
55 23.7 19.3 28.9  
61 23.2 19.0 28.4

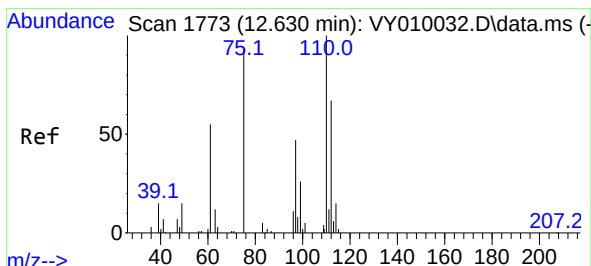
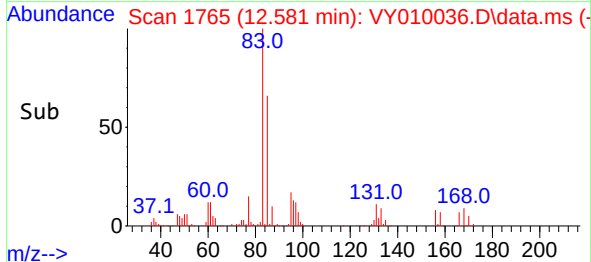
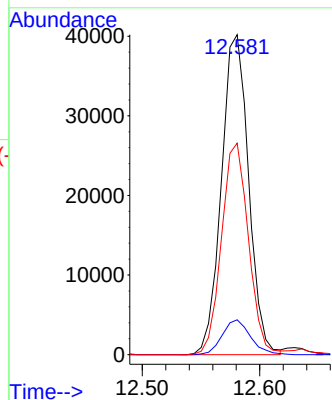
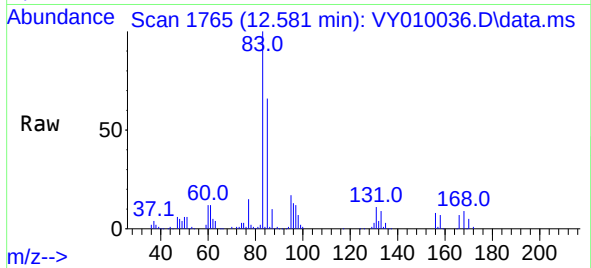




#75  
1,1,2,2-Tetrachloroethane  
Concen: 56.318 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

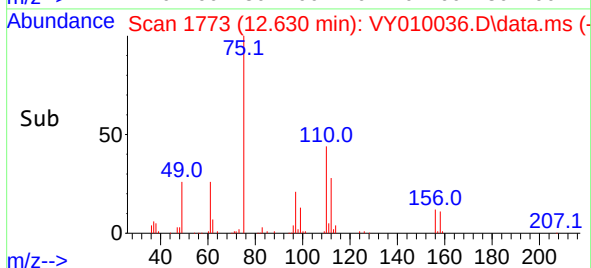
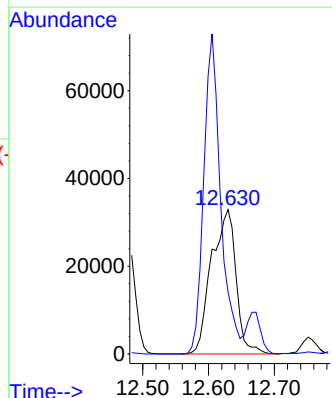
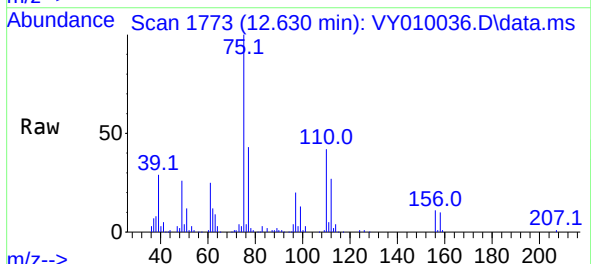
Instrument : MSVOA\_Y  
ClientSampleId : ICVVY081522

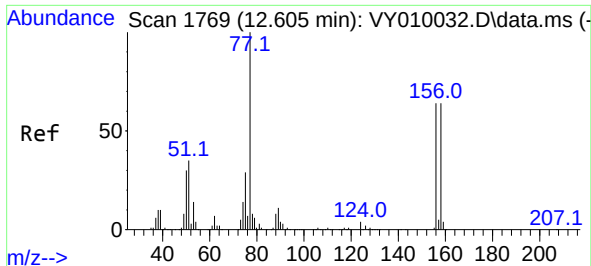
Tgt Ion: 83 Resp: 64653  
Ion Ratio Lower Upper  
83 100  
131 11.3 5.8 17.3  
85 65.4 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 99.136 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 75 Resp: 85565  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

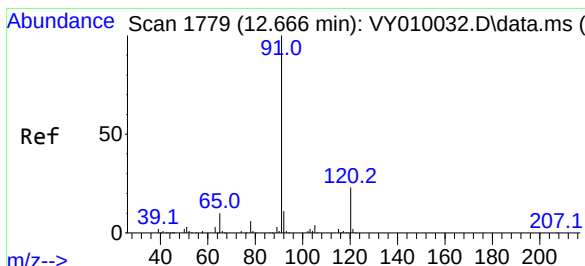
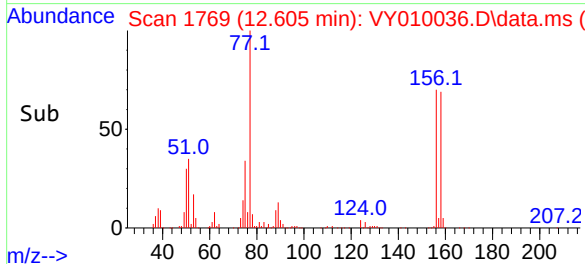
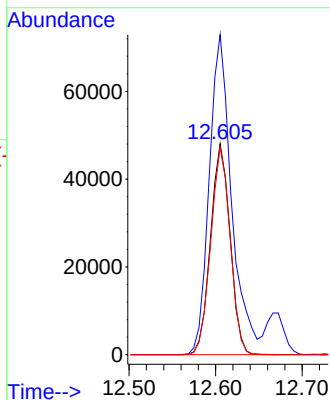
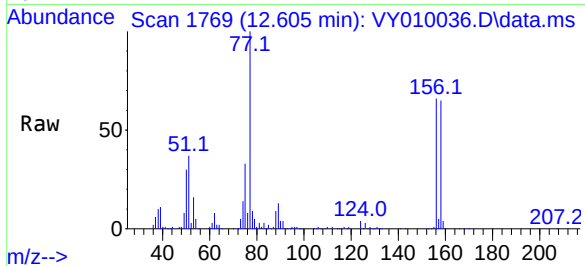




#77  
Bromobenzene  
Concen: 48.550 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

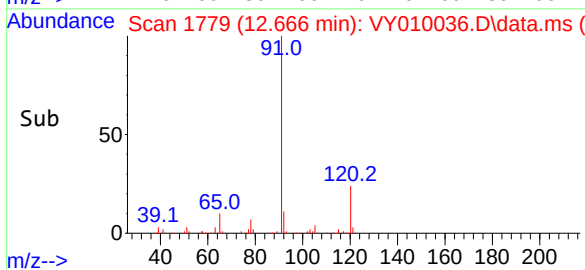
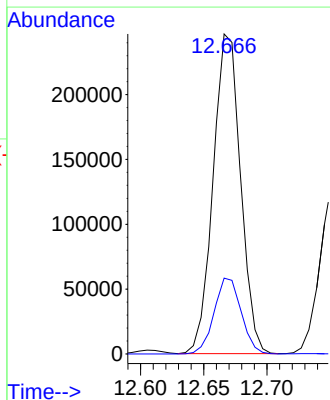
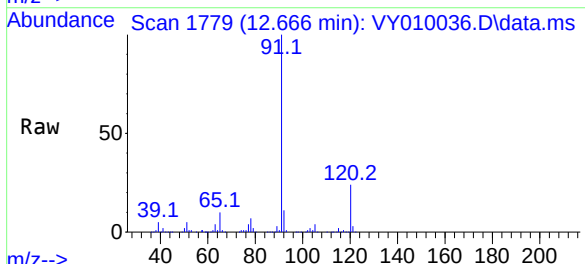
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

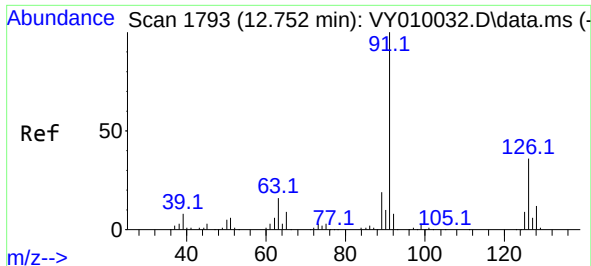
Tgt Ion:156 Resp: 75471  
Ion Ratio Lower Upper  
156 100  
77 172.8 85.9 257.6  
158 97.5 48.9 146.8



#78  
n-propylbenzene  
Concen: 51.756 ug/l  
RT: 12.666 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 91 Resp: 371330  
Ion Ratio Lower Upper  
91 100  
120 23.4 11.9 35.9

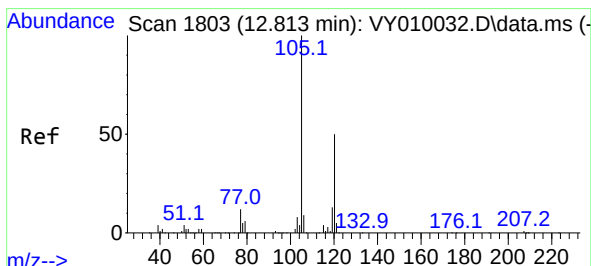
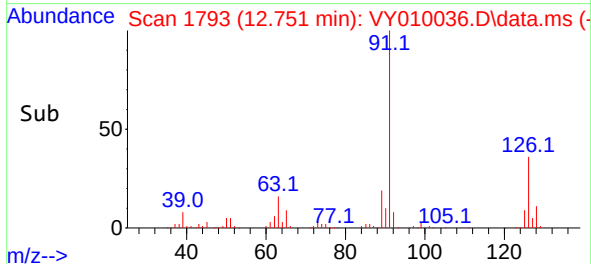
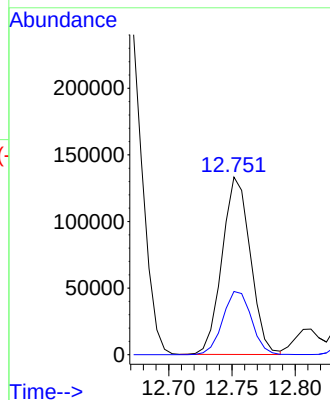
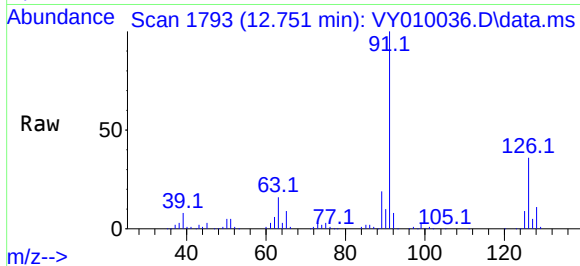




#79  
2-Chlorotoluene  
Concen: 51.144 ug/l  
RT: 12.751 min Scan# 1793  
Delta R.T. -0.001 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

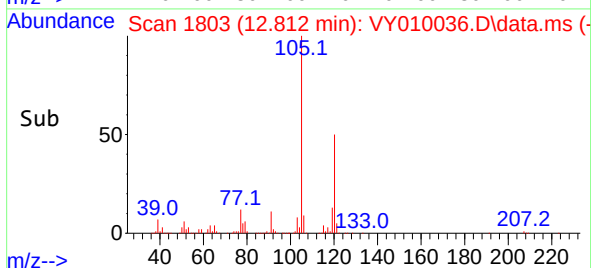
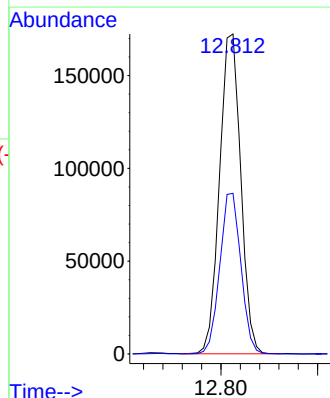
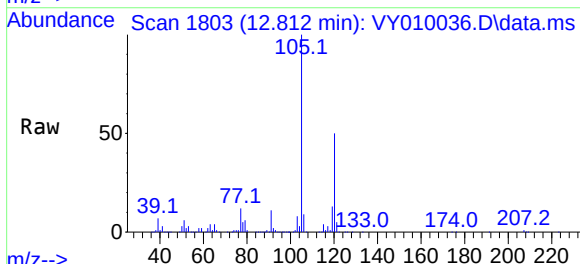
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY081522

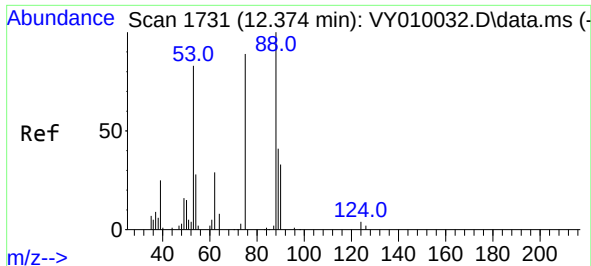
Tgt Ion: 91 Resp: 207354  
Ion Ratio Lower Upper  
91 100  
126 36.2 18.1 54.4



#80  
1,3,5-Trimethylbenzene  
Concen: 51.435 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.001 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 105 Resp: 261912  
Ion Ratio Lower Upper  
105 100  
120 50.1 25.0 75.0

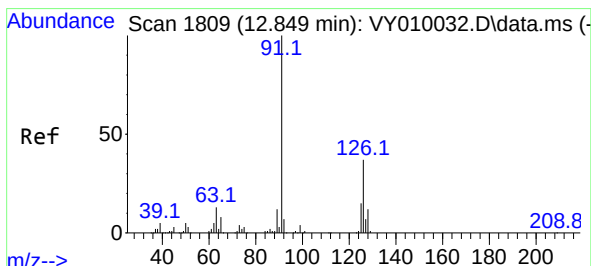
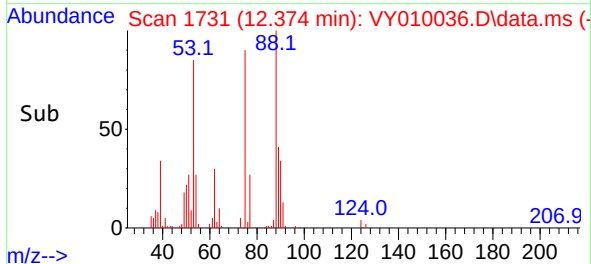
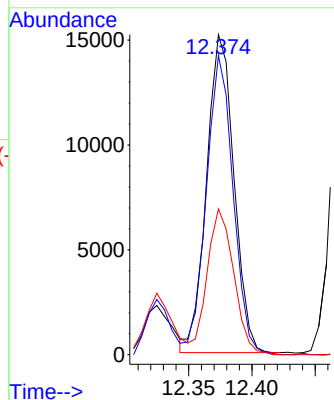
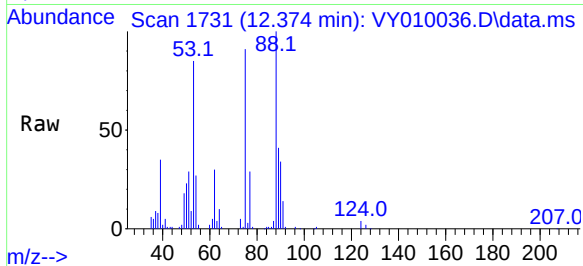




#81  
trans-1,4-Dichloro-2-butene  
Concen: 58.105 ug/l  
RT: 12.374 min Scan# 1731  
Delta R.T. -0.001 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

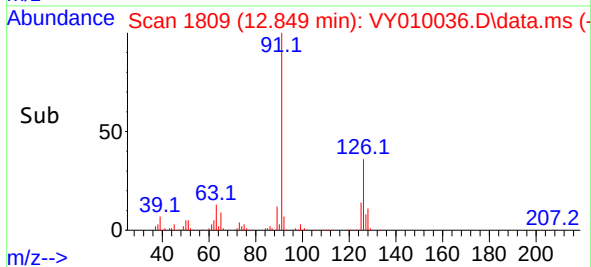
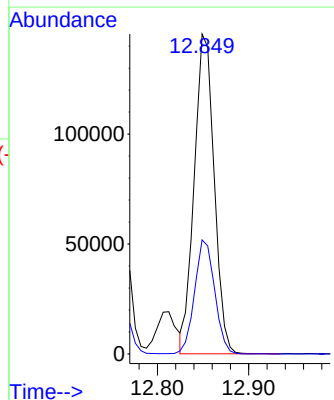
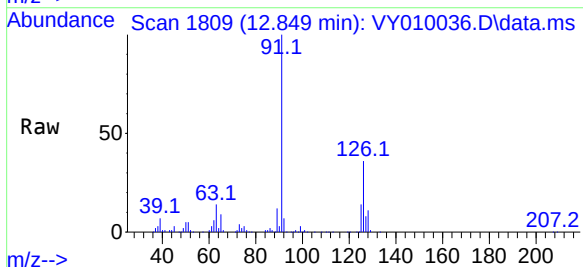
Instrument : MSVOA\_Y  
ClientSampleId : ICVVY081522

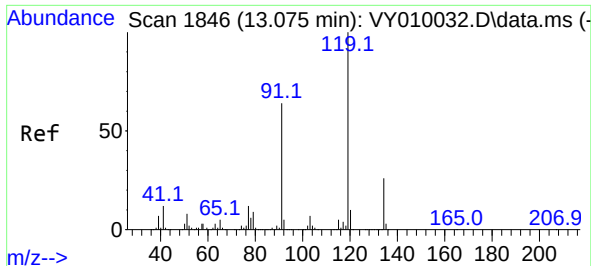
Tgt Ion: 75 Resp: 22814  
Ion Ratio Lower Upper  
75 100  
53 92.6 74.2 111.4  
89 44.7 37.8 56.6



#82  
4-Chlorotoluene  
Concen: 51.849 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 91 Resp: 220554  
Ion Ratio Lower Upper  
91 100  
126 36.0 18.3 54.9

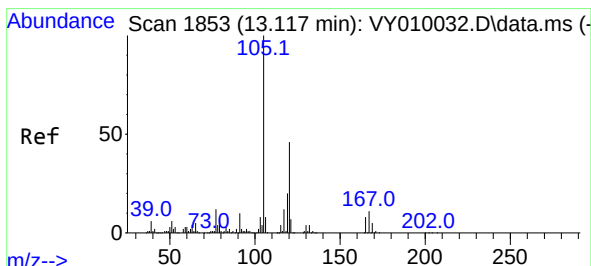
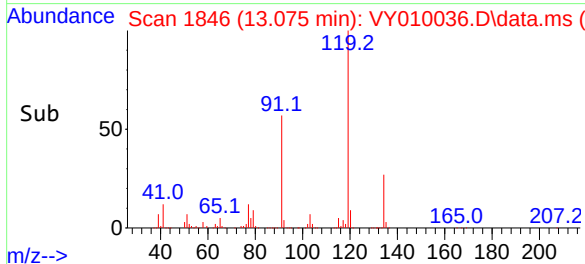
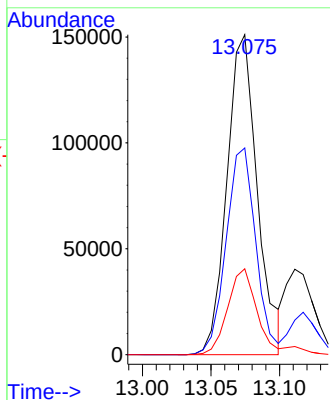
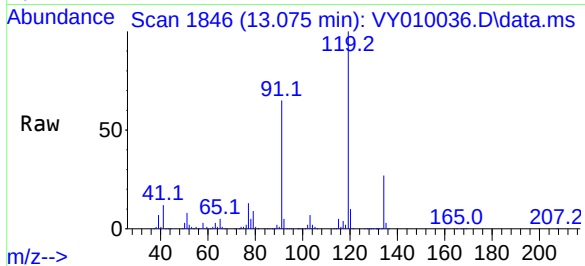




#83  
tert-Butylbenzene  
Concen: 52.015 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

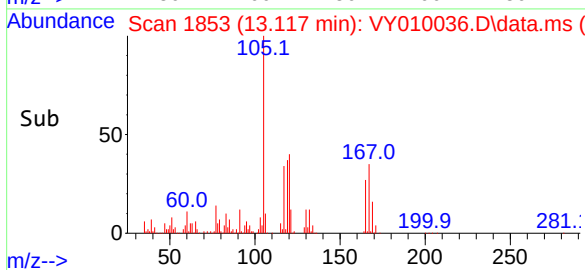
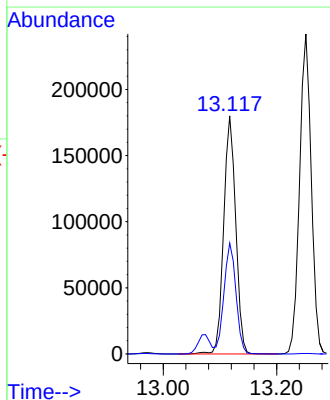
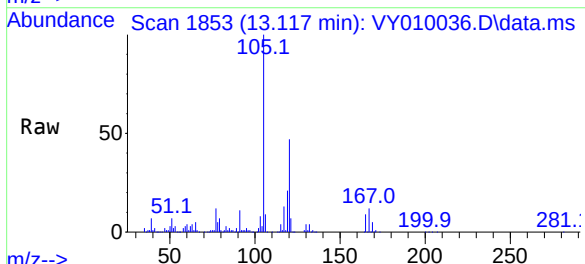
Instrument : MSVOA\_Y  
ClientSampleId : ICVVY081522

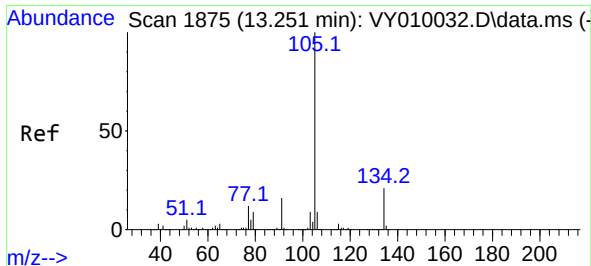
Tgt Ion:119 Resp: 233338  
Ion Ratio Lower Upper  
119 100  
91 63.0 31.6 94.7  
134 27.2 13.6 40.8



#84  
1,2,4-Trimethylbenzene  
Concen: 52.972 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion:105 Resp: 264760  
Ion Ratio Lower Upper  
105 100  
120 46.9 23.0 69.0

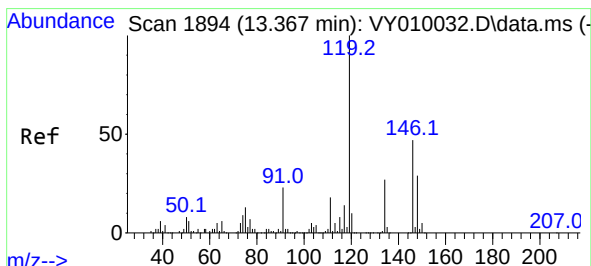
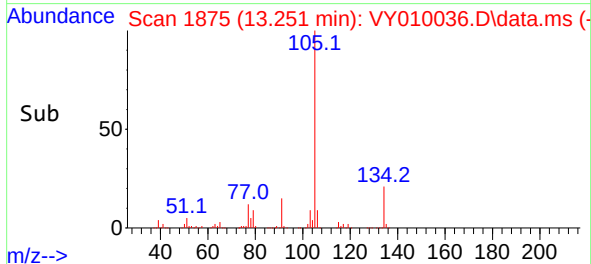
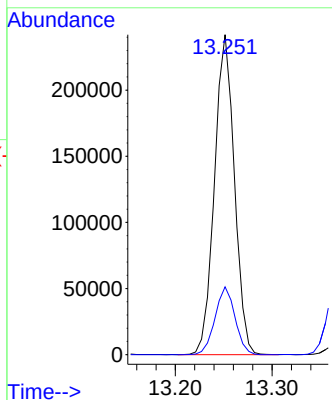
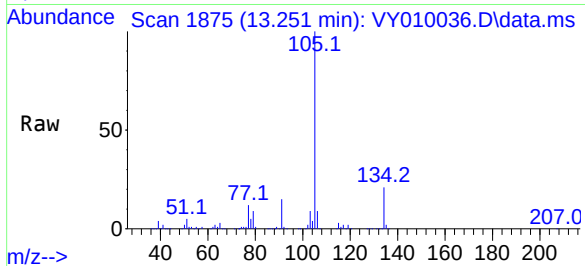




#85  
sec-Butylbenzene  
Concen: 52.879 ug/l  
RT: 13.251 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

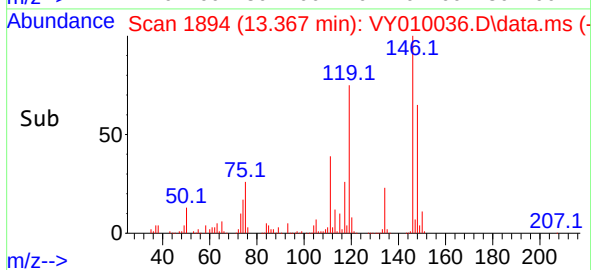
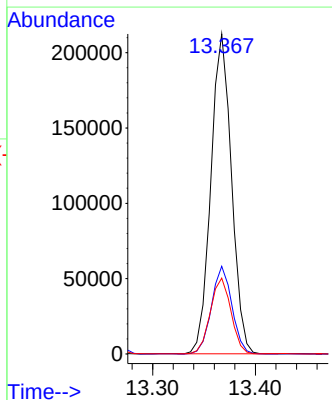
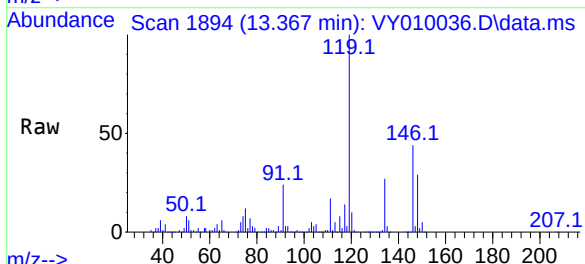
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY081522

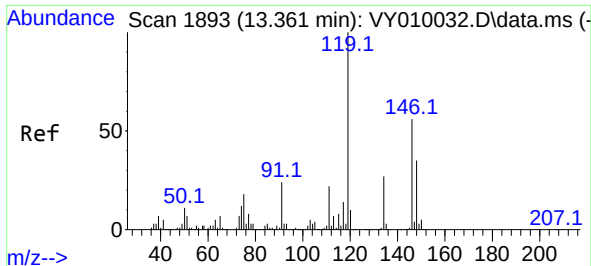
Tgt Ion:105 Resp: 345703  
Ion Ratio Lower Upper  
105 100  
134 21.2 10.6 31.8



#86  
p-Isopropyltoluene  
Concen: 52.586 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion:119 Resp: 295419  
Ion Ratio Lower Upper  
119 100  
134 27.2 13.8 41.3  
91 23.6 11.7 35.0

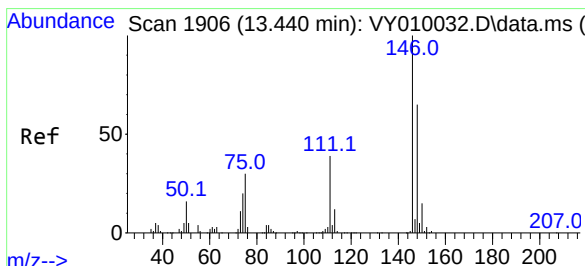
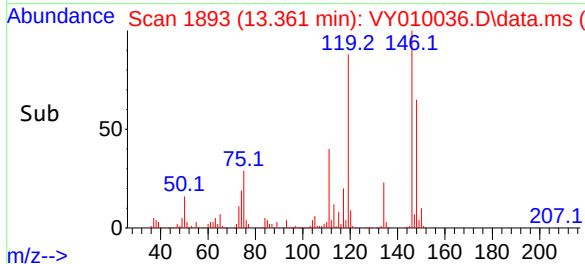
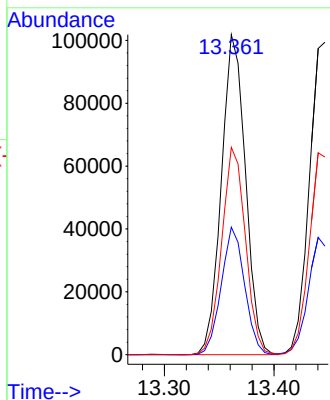
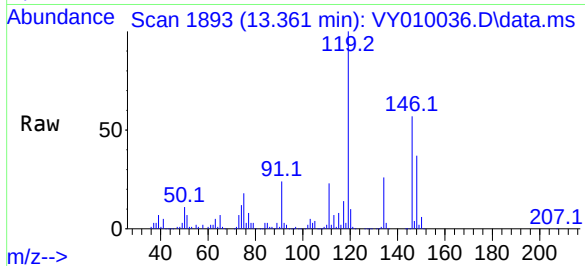




#87  
1,3-Dichlorobenzene  
Concen: 49.571 ug/l  
RT: 13.361 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

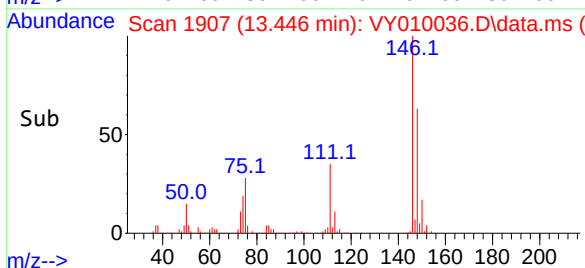
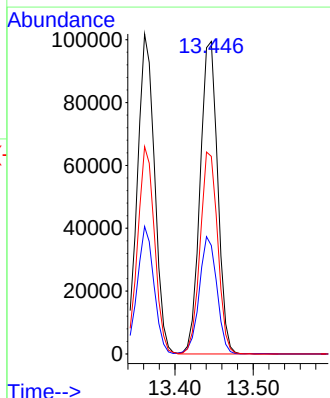
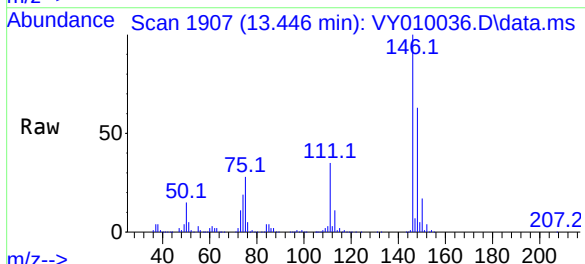
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

Tgt Ion:146 Resp: 155701  
Ion Ratio Lower Upper  
146 100  
111 38.6 19.2 57.6  
148 63.8 32.0 96.0

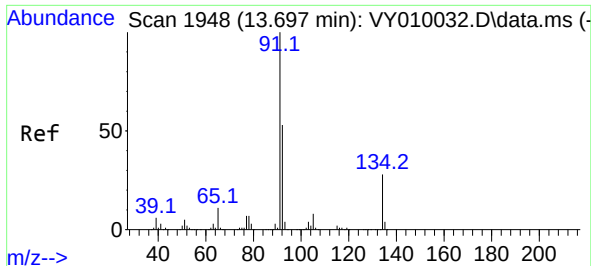


#88  
1,4-Dichlorobenzene  
Concen: 49.001 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.006 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion:146 Resp: 154867  
Ion Ratio Lower Upper  
146 100  
111 37.2 19.1 57.1  
148 64.5 32.3 96.9



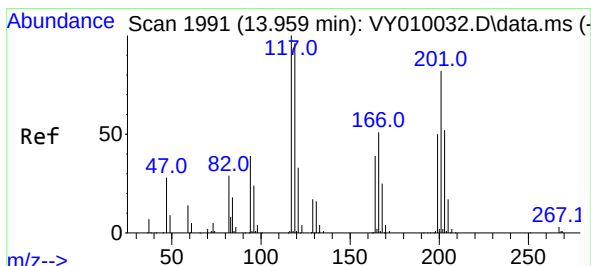
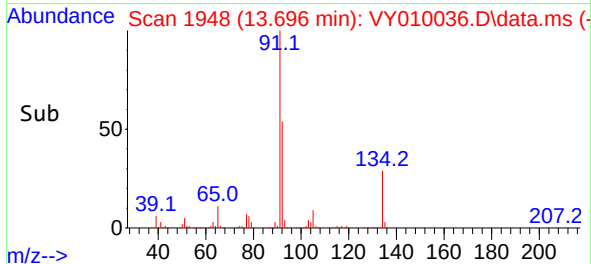
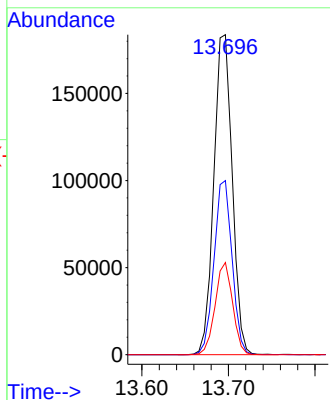
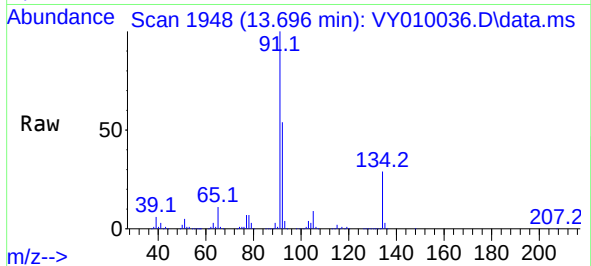




#89  
n-Butylbenzene  
Concen: 53.178 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.001 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

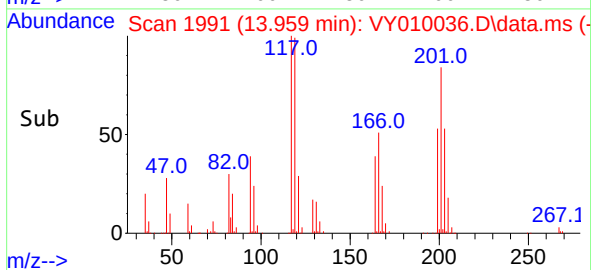
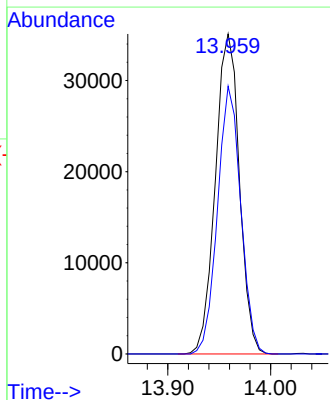
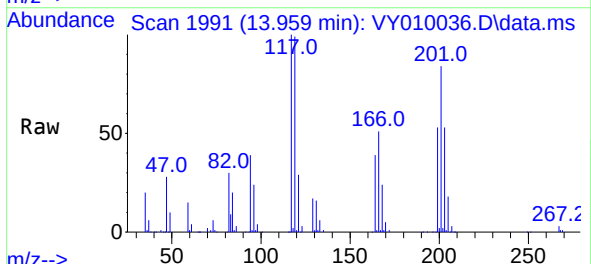
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY081522

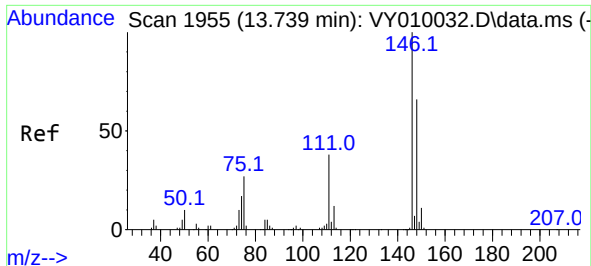
Tgt Ion: 91 Resp: 271313  
Ion Ratio Lower Upper  
91 100  
92 53.4 26.3 78.9  
134 27.4 13.6 40.8



#90  
Hexachloroethane  
Concen: 49.424 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

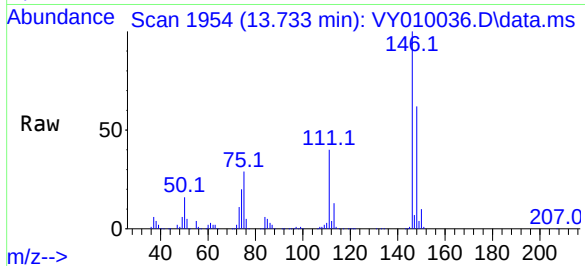
Tgt Ion: 117 Resp: 56936  
Ion Ratio Lower Upper  
117 100  
201 80.8 42.4 127.1



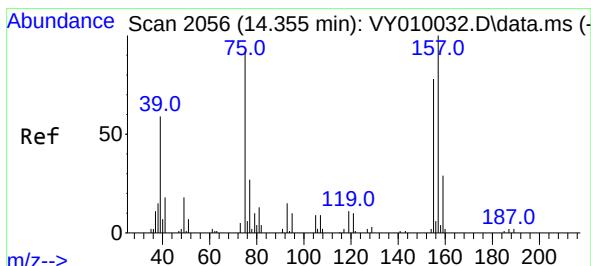
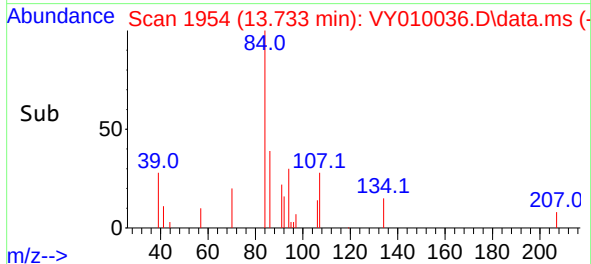
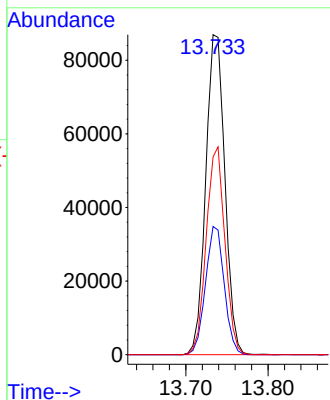


#91  
1,2-Dichlorobenzene  
Concen: 49.314 ug/l  
RT: 13.733 min Scan# 1954  
Delta R.T. -0.006 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

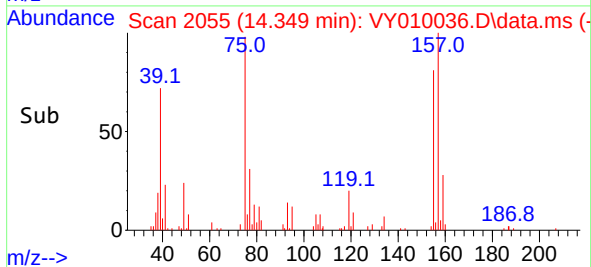
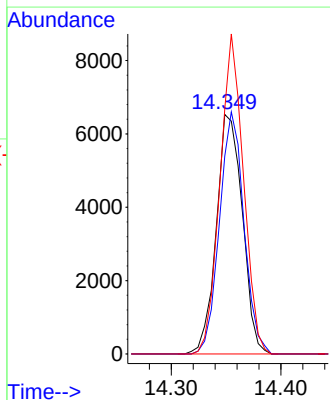
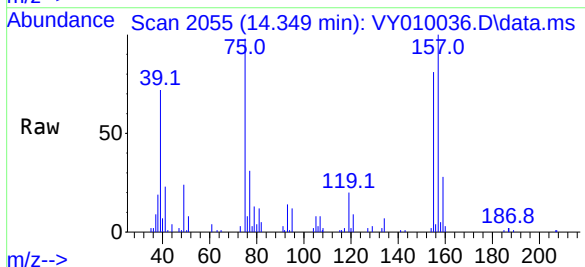


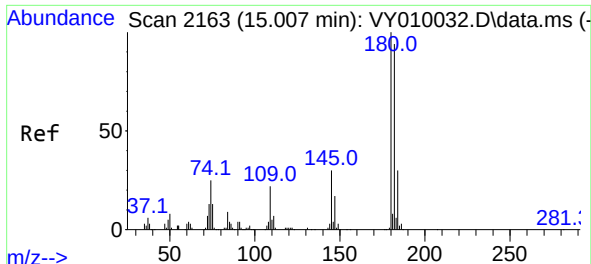
Tgt Ion:146 Resp: 140498  
Ion Ratio Lower Upper  
146 100  
111 39.3 19.4 58.4  
148 63.4 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 52.923 ug/l  
RT: 14.349 min Scan# 2055  
Delta R.T. -0.006 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion: 75 Resp: 10776  
Ion Ratio Lower Upper  
75 100  
155 94.7 46.9 140.6  
157 120.3 59.7 179.0

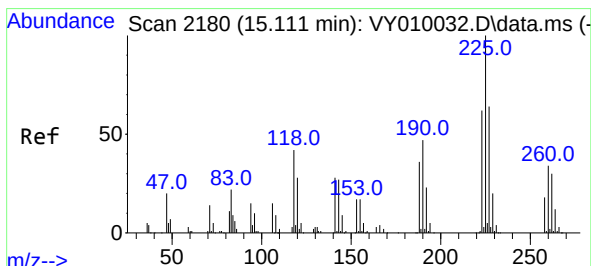
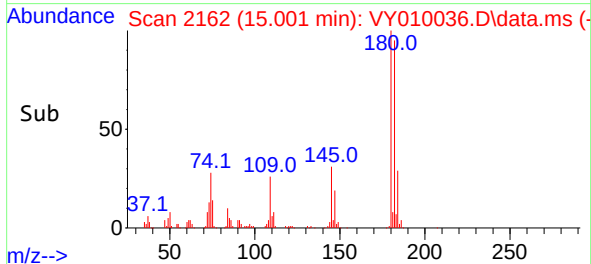
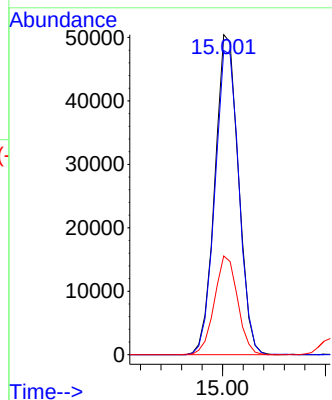
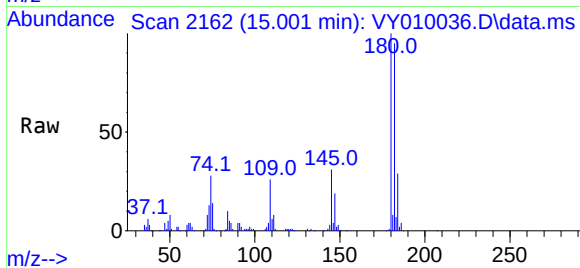




#93  
1,2,4-Trichlorobenzene  
Concen: 46.621 ug/l  
RT: 15.001 min Scan# 2162  
Delta R.T. -0.006 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

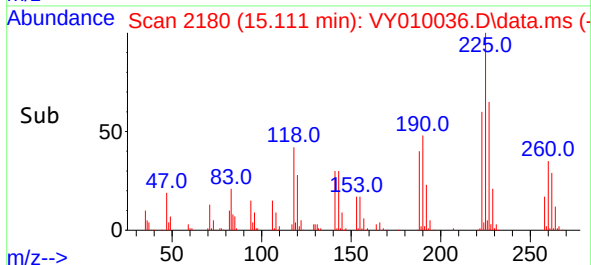
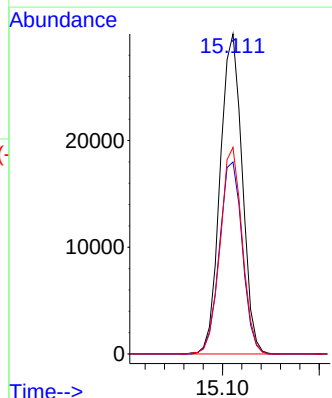
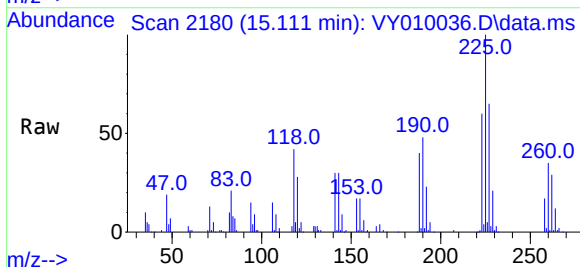
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

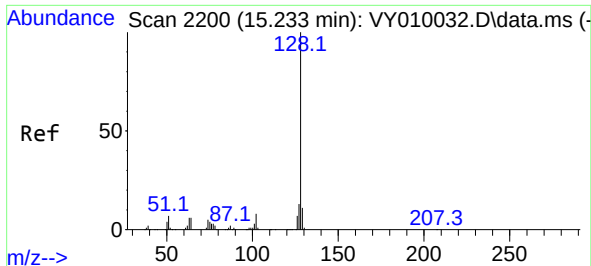
Tgt Ion:180 Resp: 80227  
Ion Ratio Lower Upper  
180 100  
182 96.5 47.4 142.2  
145 30.4 14.8 44.4



#94  
Hexachlorobutadiene  
Concen: 43.829 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion:225 Resp: 47407  
Ion Ratio Lower Upper  
225 100  
223 62.2 31.6 94.8  
227 64.3 32.6 97.8

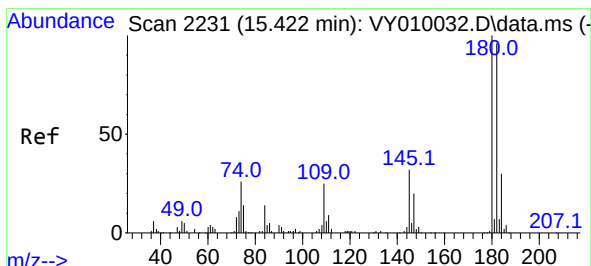
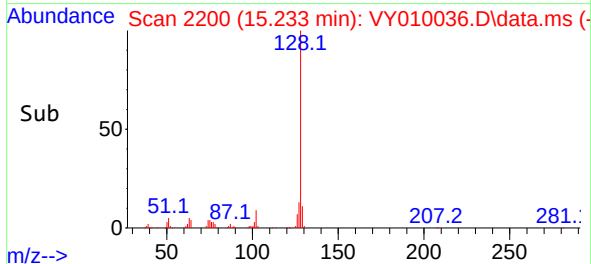
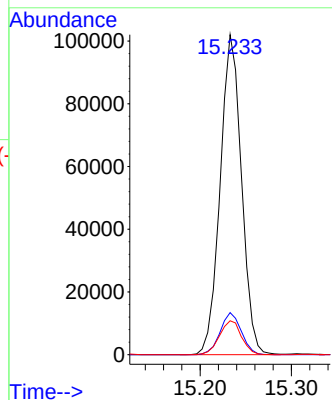
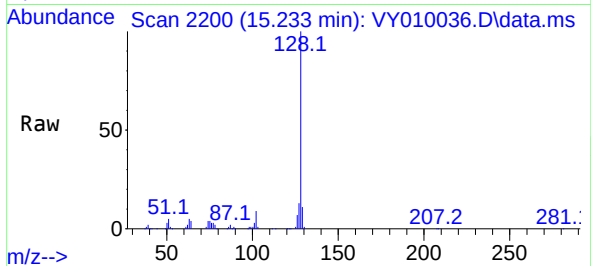




#95  
Naphthalene  
Concen: 48.366 ug/l  
RT: 15.233 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY081522

Tgt Ion:128 Resp: 165536  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.4 15.6  
129 11.0 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 47.824 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY010036.D  
Acq: 15 Aug 2022 19:13

Tgt Ion:180 Resp: 72242  
Ion Ratio Lower Upper  
180 100  
182 95.8 48.0 144.0  
145 32.0 15.7 47.0

