

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090322\  
 Data File : VY010316.D  
 Acq On : 03 Sep 2022 13:01  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Sep 05 04:14:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 16:41:46 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 318508   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 483842   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 430516   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 212110   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 154367   | 47.266   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 94.540%  |
| 35) Dibromofluoromethane    | 7.716  | 113   | 150346   | 46.676   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 93.360%  |
| 50) Toluene-d8              | 10.179 | 98    | 576923   | 53.498   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 107.000% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 203735   | 46.765   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 93.540%  |

|                              |       |     |         |         |        |    |
|------------------------------|-------|-----|---------|---------|--------|----|
| Target Compounds             |       |     |         |         | Qvalue |    |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 124535  | 48.979  | ug/l   | 98 |
| 3) Chloromethane             | 2.113 | 50  | 185548  | 53.447  | ug/l   | 96 |
| 4) Vinyl Chloride            | 2.247 | 62  | 218145  | 57.673  | ug/l   | 99 |
| 5) Bromomethane              | 2.643 | 94  | 137773  | 66.720  | ug/l   | 99 |
| 6) Chloroethane              | 2.790 | 64  | 136135  | 58.837  | ug/l   | 98 |
| 7) Trichlorofluoromethane    | 3.119 | 101 | 283009  | 53.379  | ug/l   | 95 |
| 8) Diethyl Ether             | 3.521 | 74  | 91567   | 48.333  | ug/l   | 82 |
| 9) 1,1,2-Trichlorotrifluo... | 3.893 | 101 | 171209  | 52.286  | ug/l   | 96 |
| 10) Methyl Iodide            | 4.082 | 142 | 207209  | 52.599  | ug/l   | 90 |
| 11) Tert butyl alcohol       | 4.948 | 59  | 97248   | 248.894 | ug/l   | 99 |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 160393  | 50.586  | ug/l   | 83 |
| 13) Acrolein                 | 3.723 | 56  | 96396   | 233.055 | ug/l   | 97 |
| 14) Allyl chloride           | 4.472 | 41  | 258798  | 46.374  | ug/l # | 94 |
| 15) Acrylonitrile            | 5.155 | 53  | 229245  | 232.226 | ug/l   | 97 |
| 16) Acetone                  | 3.942 | 43  | 242306  | 296.782 | ug/l   | 91 |
| 17) Carbon Disulfide         | 4.186 | 76  | 459124  | 47.539  | ug/l   | 99 |
| 18) Methyl Acetate           | 4.472 | 43  | 110603  | 43.652  | ug/l # | 90 |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 441841  | 47.667  | ug/l   | 97 |
| 20) Methylene Chloride       | 4.710 | 84  | 189829  | 48.180  | ug/l   | 87 |
| 21) trans-1,2-Dichloroethene | 5.210 | 96  | 180321  | 50.187  | ug/l   | 91 |
| 22) Diisopropyl ether        | 6.112 | 45  | 549139  | 48.417  | ug/l   | 94 |
| 23) Vinyl Acetate            | 6.051 | 43  | 1711232 | 240.634 | ug/l # | 94 |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 320916  | 49.116  | ug/l   | 98 |
| 25) 2-Butanone               | 6.978 | 43  | 334997  | 250.016 | ug/l # | 89 |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 307349  | 51.646  | ug/l   | 97 |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 208520  | 50.782  | ug/l   | 91 |
| 28) Bromochloromethane       | 7.326 | 49  | 105974  | 46.433  | ug/l   | 87 |
| 29) Tetrahydrofuran          | 7.338 | 42  | 194793  | 226.923 | ug/l   | 90 |
| 30) Chloroform               | 7.502 | 83  | 327106  | 50.838  | ug/l   | 99 |
| 31) Cyclohexane              | 7.777 | 56  | 299304  | 46.979  | ug/l   | 96 |
| 32) 1,1,1-Trichloroethane    | 7.697 | 97  | 302982  | 51.679  | ug/l   | 96 |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 259304  | 54.868  | ug/l   | 98 |
| 37) Ethyl Acetate            | 7.069 | 43  | 135012  | 49.828  | ug/l   | 96 |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 279249  | 57.334  | ug/l   | 97 |
| 39) Methylcyclohexane        | 9.179 | 83  | 329684  | 54.035  | ug/l   | 92 |
| 40) Benzene                  | 8.155 | 78  | 725142  | 53.576  | ug/l   | 96 |

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 Sample : VSTDCCC050  
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 ALS Vial : 2 Sample Multiplier: 1

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 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Sep 05 04:14:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 16:41:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 184519   | 120.793 | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 210569   | 53.657  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.270  | 43   | 255345   | 49.438  | ug/l # | 92       |
| 44) Trichloroethene           | 8.935  | 130  | 207921   | 55.958  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 181550   | 52.649  | ug/l   | 96       |
| 46) Dibromomethane            | 9.301  | 93   | 101520   | 53.601  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.496  | 83   | 251525   | 54.001  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 121594   | 50.469  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 25976    | 996.739 | ug/l   | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 679467   | 254.985 | ug/l   | 92       |
| 52) Toluene                   | 10.240 | 92   | 471778   | 54.490  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 264505   | 52.651  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 297447   | 52.509  | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 142791   | 53.109  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 198983   | 50.094  | ug/l   | 85       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 248006   | 52.922  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 237093   | 220.373 | ug/l   | 96       |
| 59) 2-Hexanone                | 10.831 | 43   | 488952   | 264.611 | ug/l   | 90       |
| 60) Dibromochloromethane      | 10.983 | 129  | 178042   | 54.955  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 138394   | 53.265  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 201014   | 57.253  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 503587   | 54.893  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 187574   | 55.683  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 921135   | 54.831  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 712892   | 111.086 | ug/l   | 94       |
| 69) o-Xylene                  | 12.026 | 106  | 339805   | 54.536  | ug/l   | 94       |
| 70) Styrene                   | 12.044 | 104  | 572952   | 55.202  | ug/l   | 96       |
| 71) Bromoform                 | 12.209 | 173  | 114266   | 54.873  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.331 | 105  | 915067   | 54.073  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 232186   | 49.732  | ug/l # | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 162423   | 49.942  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 223496   | 88.541  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 205598   | 53.407  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.672 | 91   | 1098712  | 54.086  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 607961   | 52.951  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 756524   | 53.358  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 59366    | 49.063  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 626673   | 53.008  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 673289   | 54.659  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 752132   | 54.019  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 999060   | 54.844  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 840453   | 55.855  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 410989   | 54.983  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 406573   | 54.707  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 781982   | 54.975  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.959 | 117  | 156218   | 54.087  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 362040   | 54.343  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 26734    | 46.650  | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 222335   | 53.918  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 135557   | 56.087  | ug/l   | 99       |
| 95) Naphthalene               | 15.233 | 128  | 430808   | 50.350  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 186488   | 53.397  | ug/l   | 98       |

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ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Fri Sep 02 16:41:46 2022  
Response via : Initial Calibration

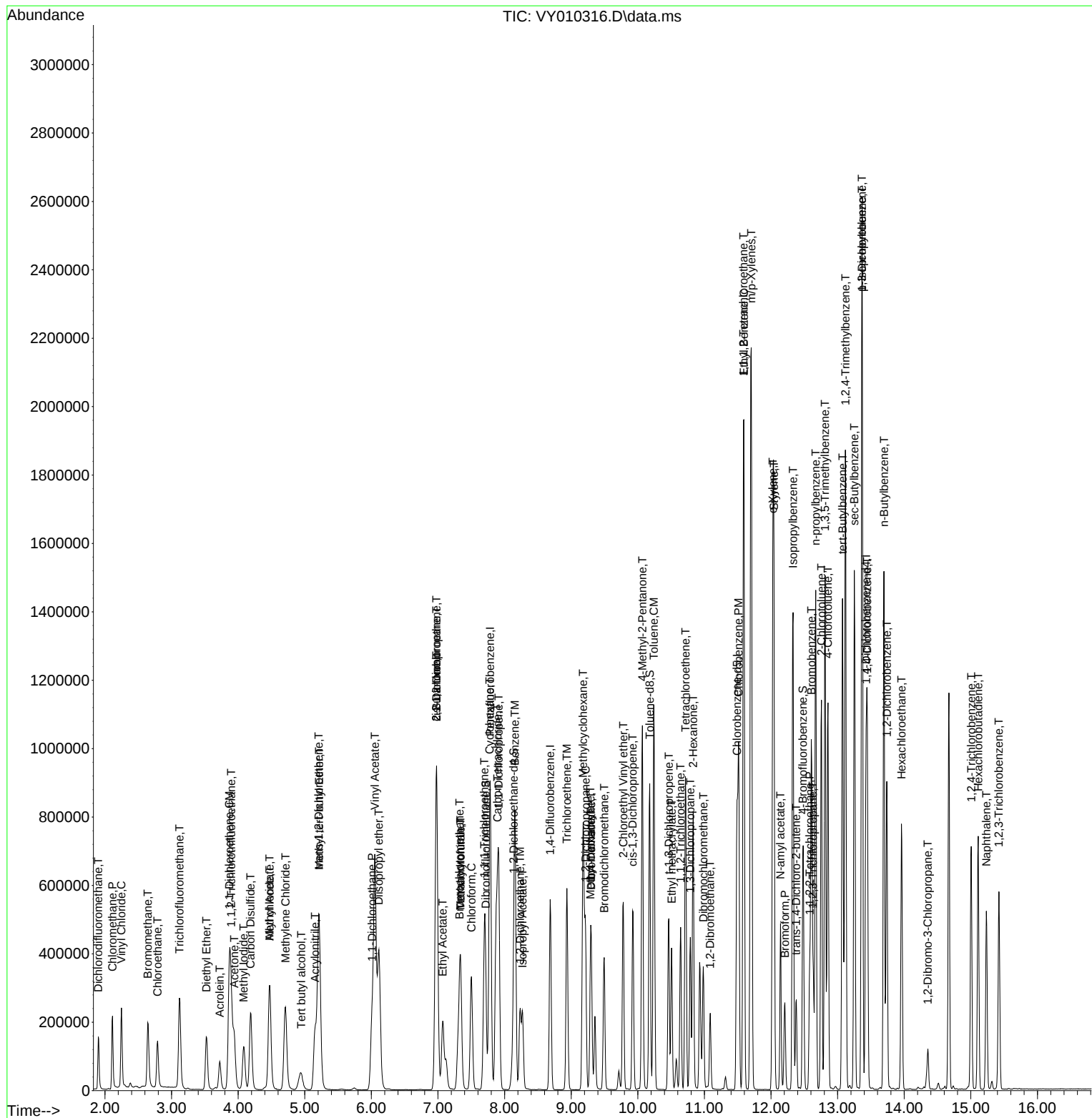
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

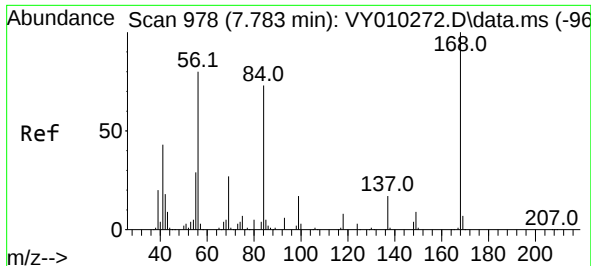
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 ALS Vial : 2 Sample Multiplier: 1

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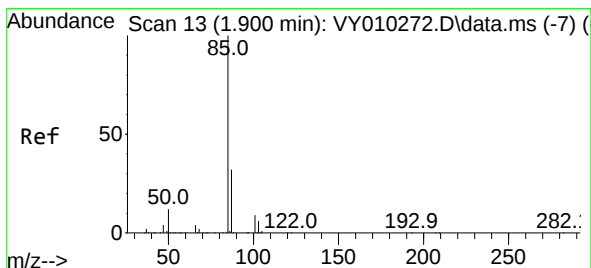
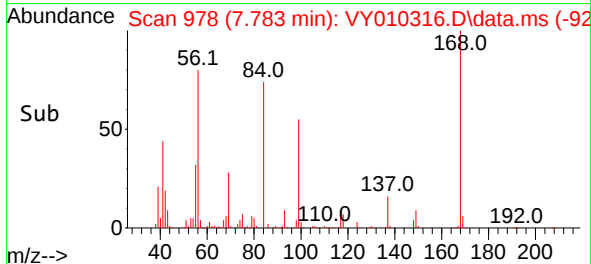
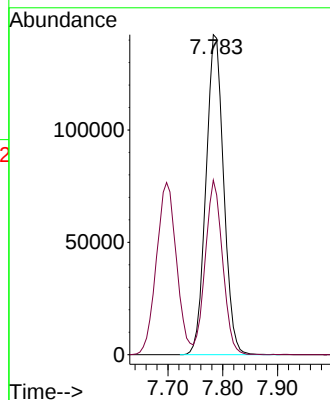
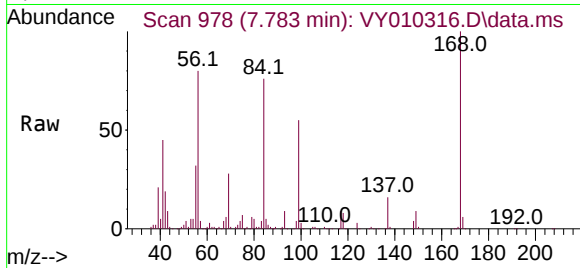




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

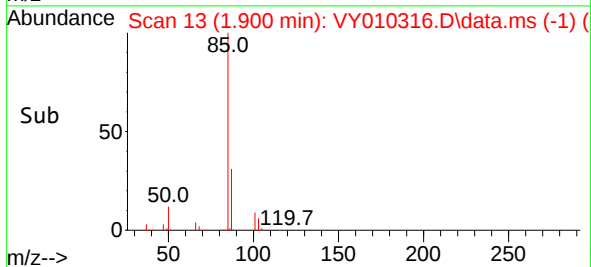
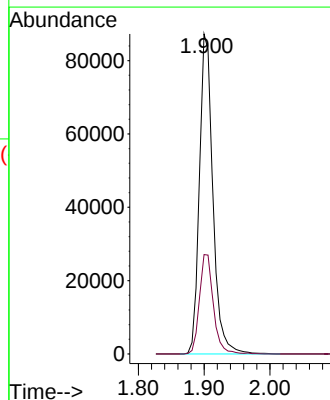
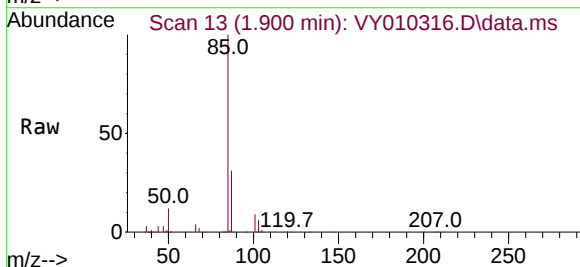
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

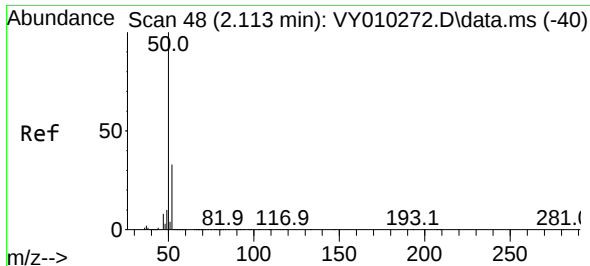
Tgt Ion:168 Resp: 318508  
Ion Ratio Lower Upper  
168 100  
99 54.5 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 48.979 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 85 Resp: 124535  
Ion Ratio Lower Upper  
85 100  
87 31.1 16.1 48.2

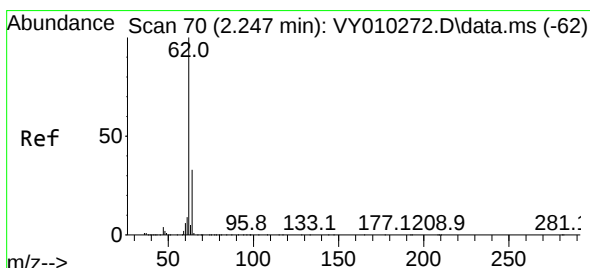
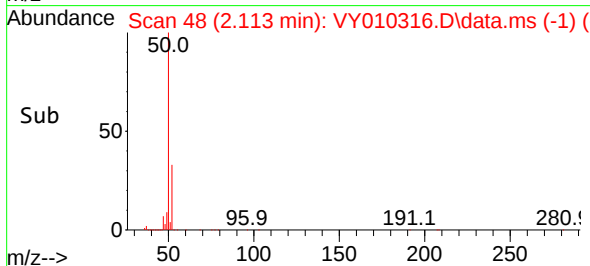
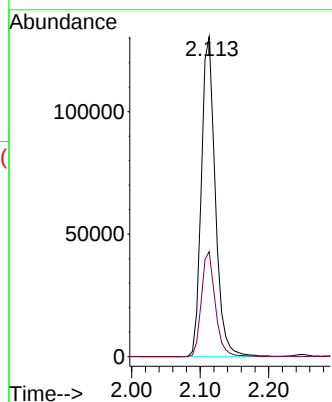
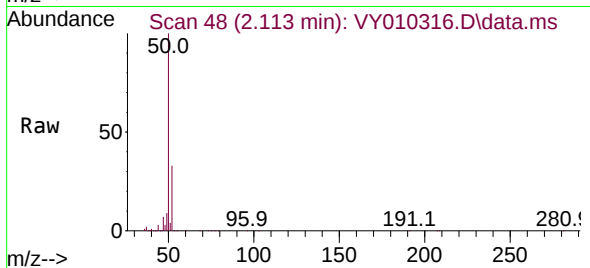




#3  
Chloromethane  
Concen: 53.447 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

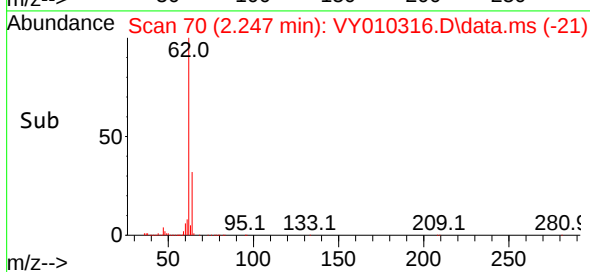
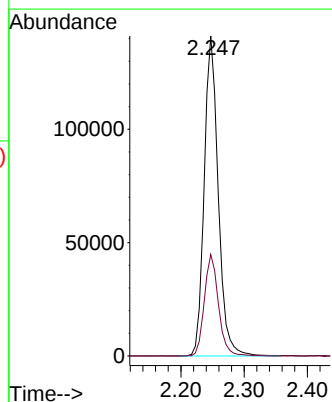
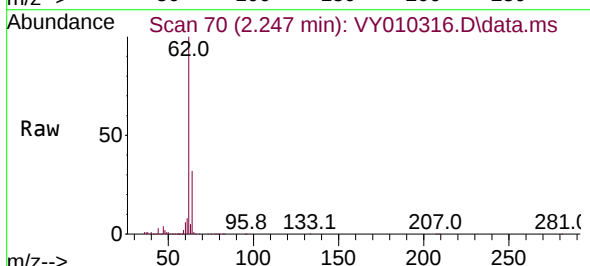
Instrument :  
MSVOA\_Y  
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Tgt Ion: 50 Resp: 185548  
Ion Ratio Lower Upper  
50 100  
52 32.9 24.6 37.0



#4  
Vinyl Chloride  
Concen: 57.673 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 62 Resp: 218145  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.0 37.6

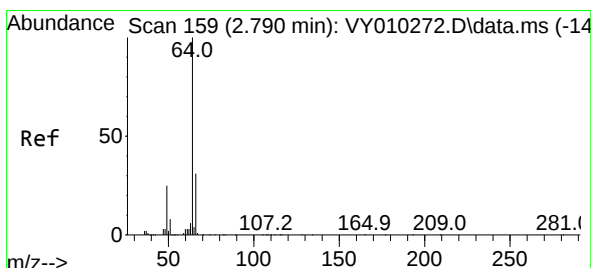
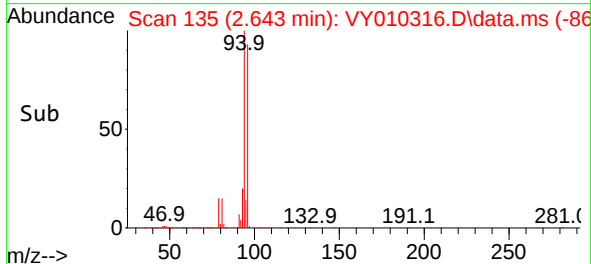
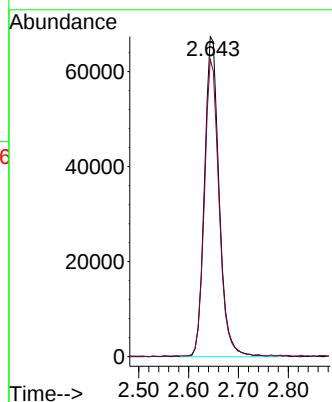
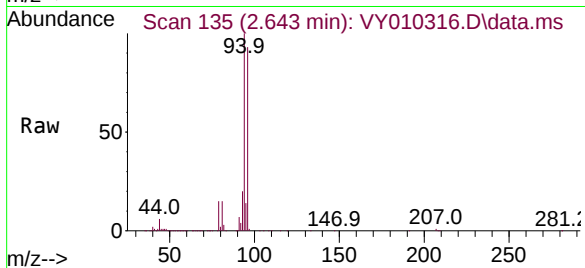




#5  
Bromomethane  
Concen: 66.720 ug/l  
RT: 2.643 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

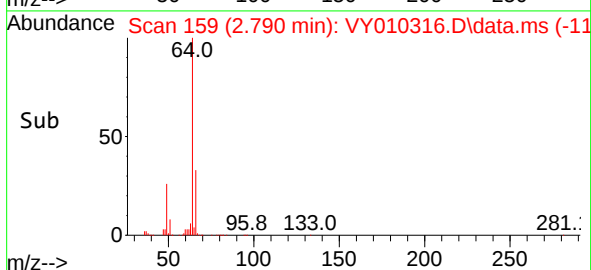
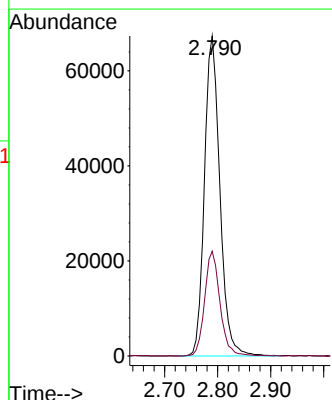
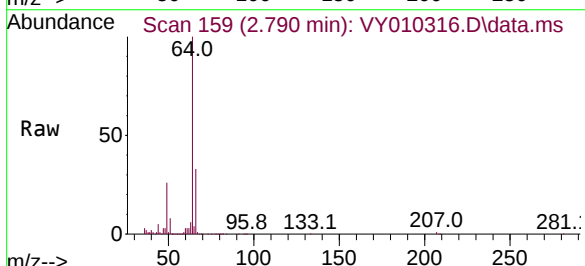
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

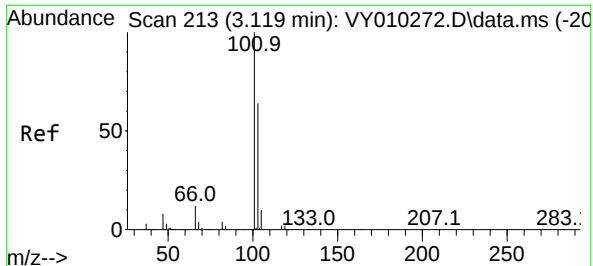
Tgt Ion: 94 Resp: 137773  
Ion Ratio Lower Upper  
94 100  
96 92.6 73.5 110.3



#6  
Chloroethane  
Concen: 58.837 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 64 Resp: 136135  
Ion Ratio Lower Upper  
64 100  
66 32.7 25.4 38.0

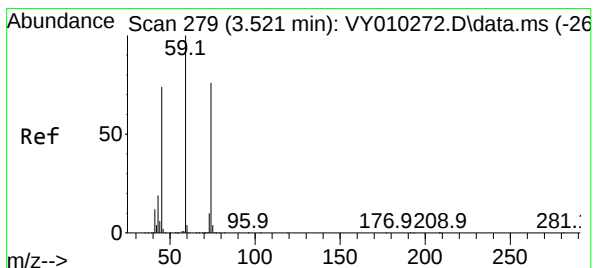
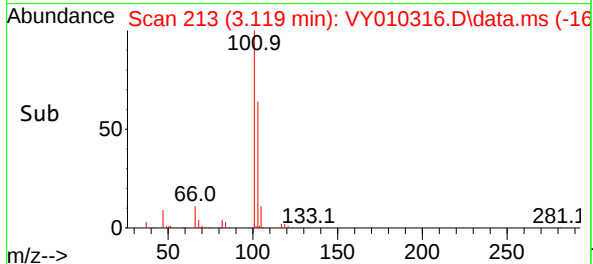
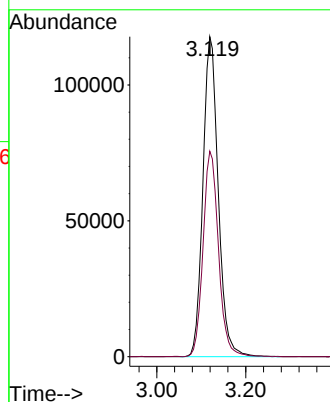
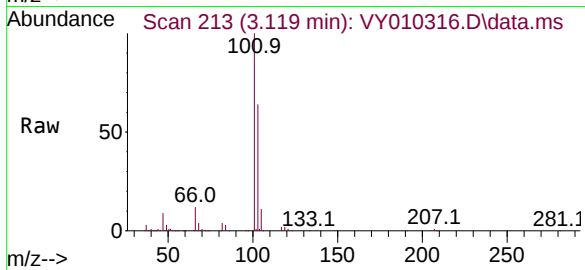




#7  
 Trichlorofluoromethane  
 Concen: 53.379 ug/l  
 RT: 3.119 min Scan# 213  
 Delta R.T. -0.000 min  
 Lab File: VY010316.D  
 Acq: 03 Sep 2022 13:01

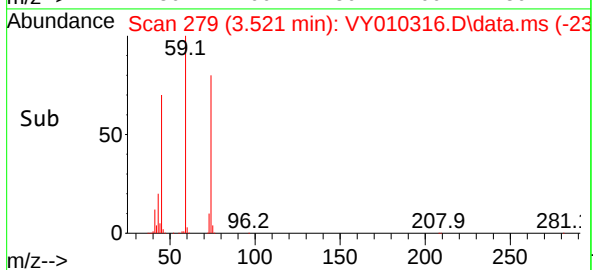
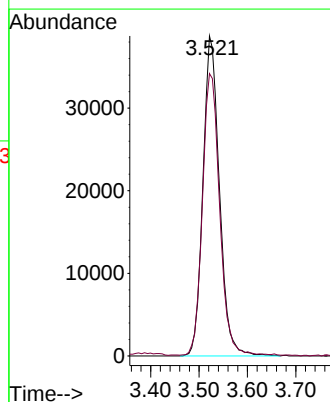
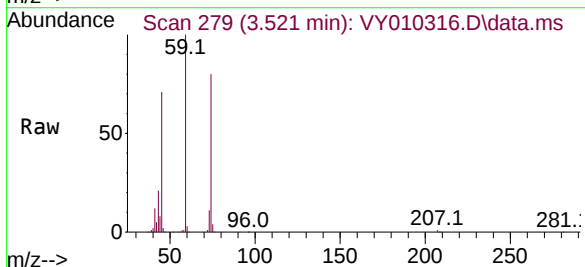
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

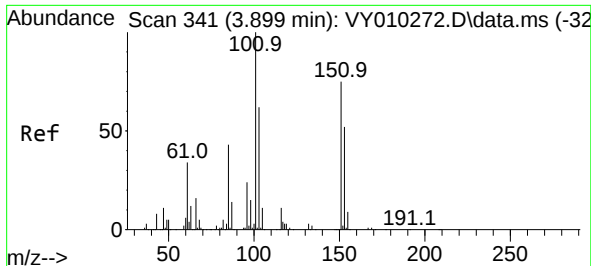
Tgt Ion:101 Resp: 283009  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 48.0 72.0



#8  
 Diethyl Ether  
 Concen: 48.333 ug/l  
 RT: 3.521 min Scan# 279  
 Delta R.T. 0.000 min  
 Lab File: VY010316.D  
 Acq: 03 Sep 2022 13:01

Tgt Ion: 74 Resp: 91567  
 Ion Ratio Lower Upper  
 74 100  
 45 91.7 55.1 165.5

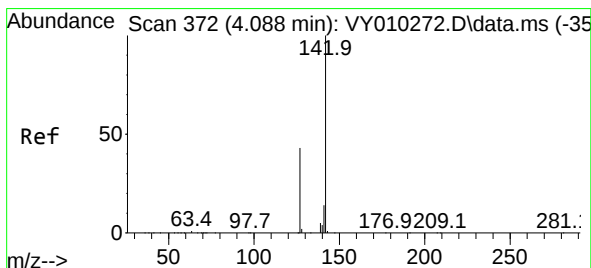
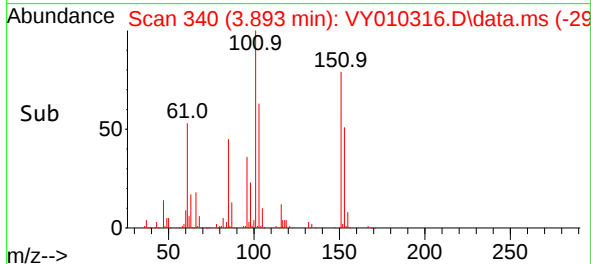
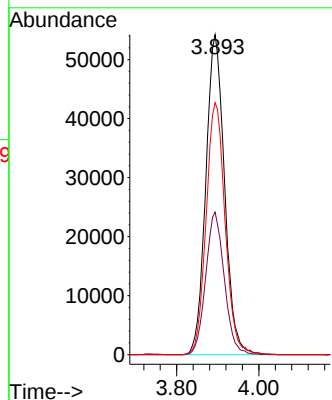
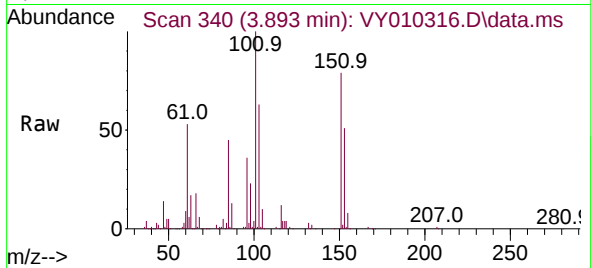




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.286 ug/l  
RT: 3.893 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

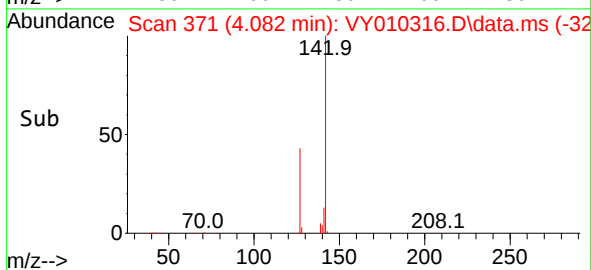
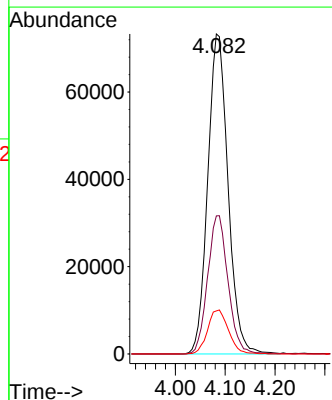
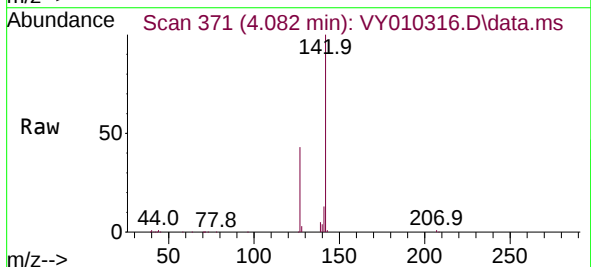
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

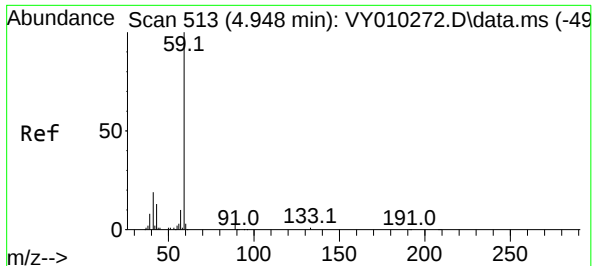
Tgt Ion:101 Resp: 171209  
Ion Ratio Lower Upper  
101 100  
85 44.3 40.6 60.8  
151 80.0 64.9 97.3



#10  
Methyl Iodide  
Concen: 52.599 ug/l  
RT: 4.082 min Scan# 371  
Delta R.T. -0.006 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion:142 Resp: 207209  
Ion Ratio Lower Upper  
142 100  
127 43.4 41.5 62.3  
141 14.2 11.9 17.9





#11

Tert butyl alcohol

Concen: 248.894 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

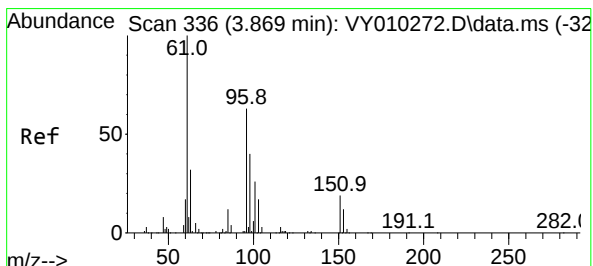
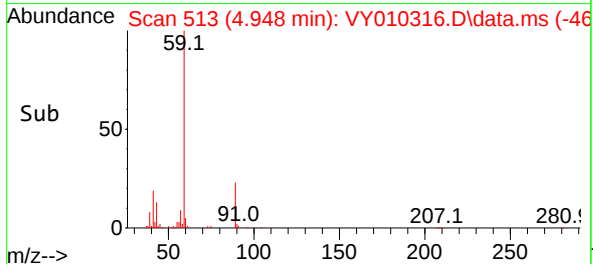
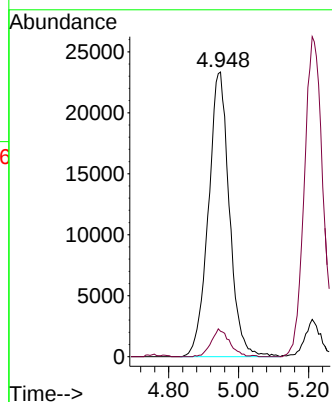
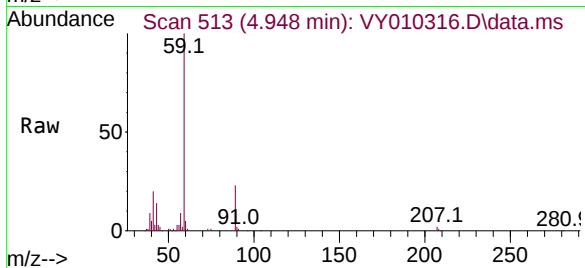
VSTDCCC050

Tgt Ion: 59 Resp: 97248

Ion Ratio Lower Upper

59 100

57 8.5 6.4 9.6



#12

1,1-Dichloroethene

Concen: 50.586 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

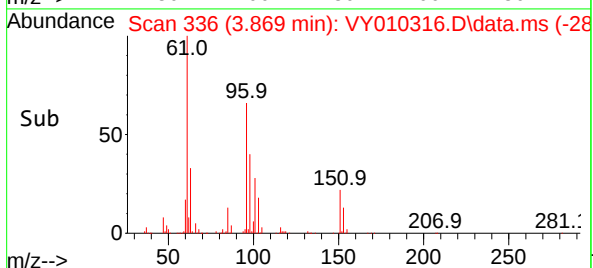
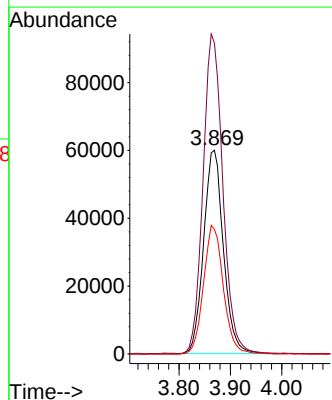
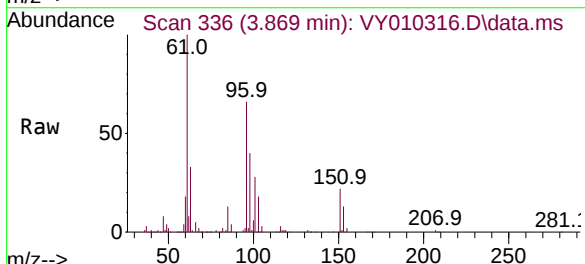
Tgt Ion: 96 Resp: 160393

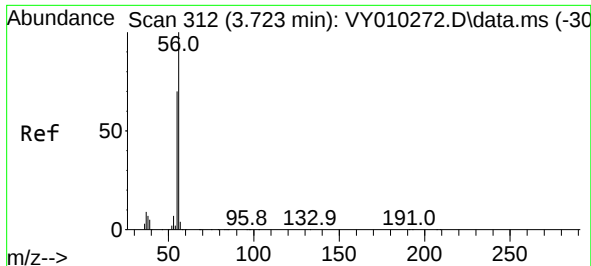
Ion Ratio Lower Upper

96 100

61 152.7 145.8 218.6

98 61.2 52.5 78.7

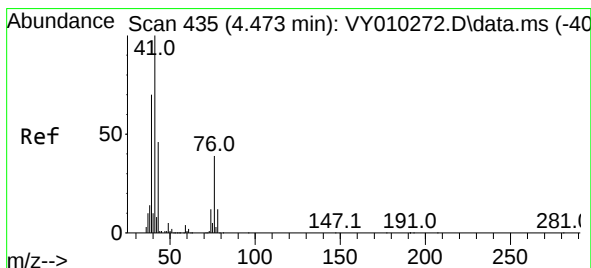
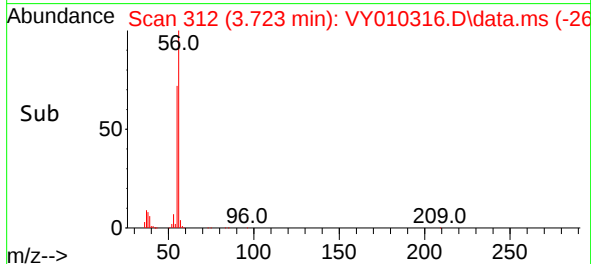
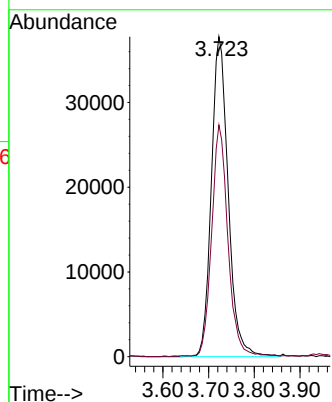
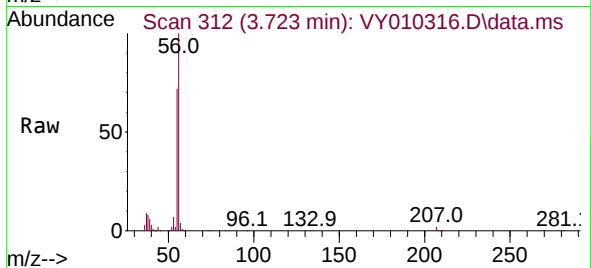




#13  
Acrolein  
Concen: 233.055 ug/l  
RT: 3.723 min Scan# 312  
Delta R.T. -0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

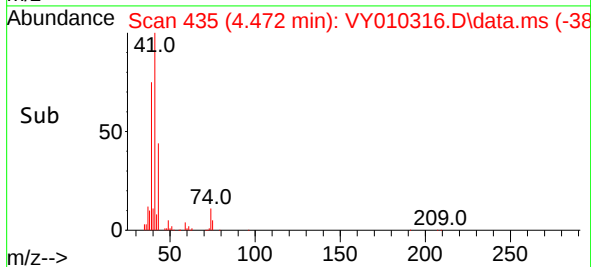
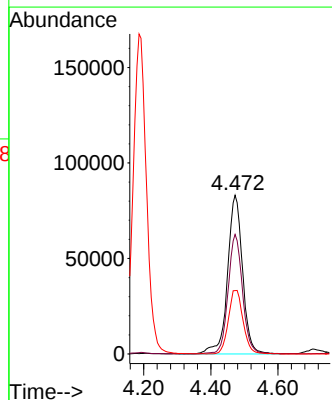
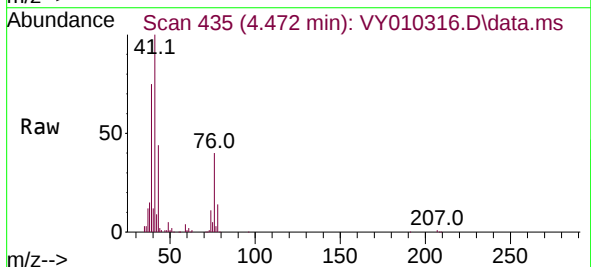
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 56 Resp: 96396  
Ion Ratio Lower Upper  
56 100  
55 69.5 57.6 86.4



#14  
Allyl chloride  
Concen: 46.374 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.001 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 41 Resp: 258798  
Ion Ratio Lower Upper  
41 100  
39 71.7 58.8 88.2  
76 39.0 25.1 37.7#

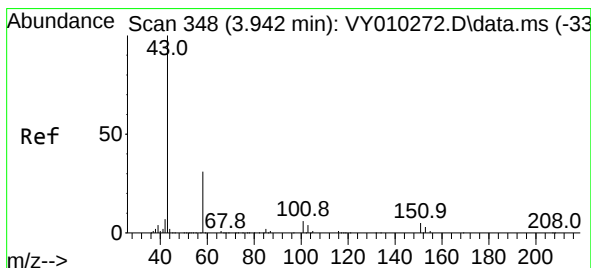
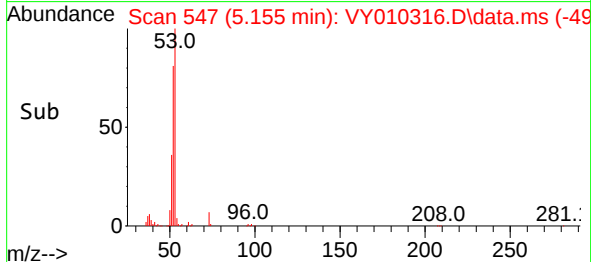
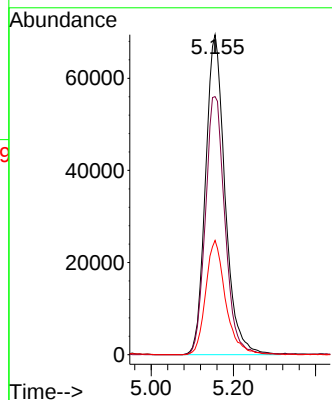
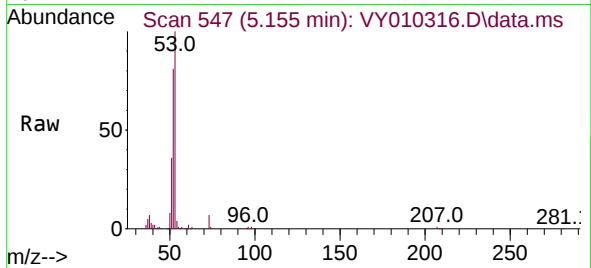




#15  
Acrylonitrile  
Concen: 232.226 ug/l  
RT: 5.155 min Scan# 547  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

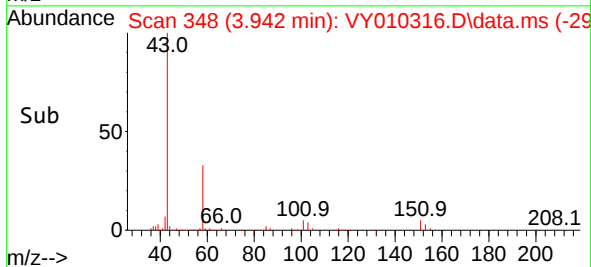
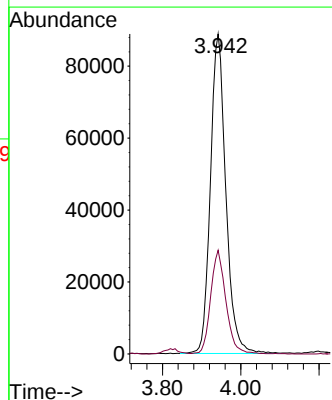
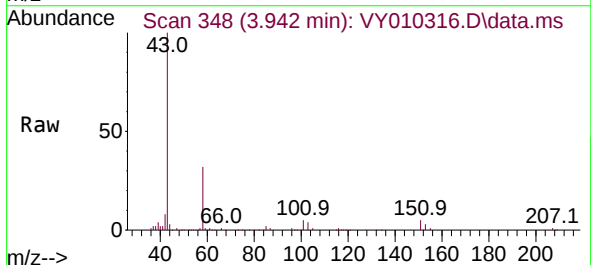
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 53 Resp: 229245  
Ion Ratio Lower Upper  
53 100  
52 80.9 67.0 100.4  
51 36.5 29.8 44.6



#16  
Acetone  
Concen: 296.782 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 43 Resp: 242306  
Ion Ratio Lower Upper  
43 100  
58 32.3 22.0 33.0

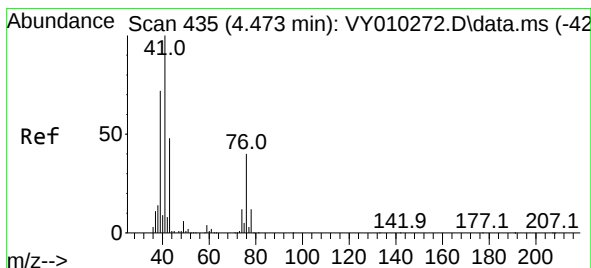
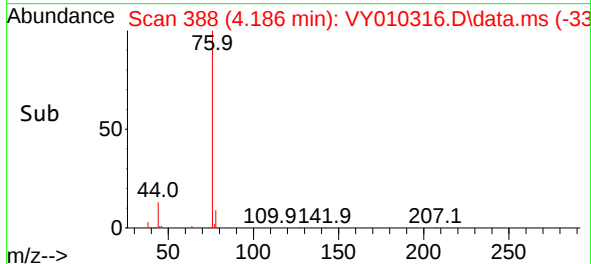
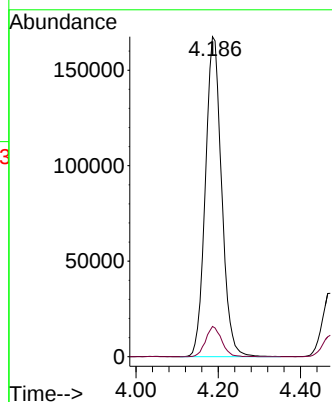
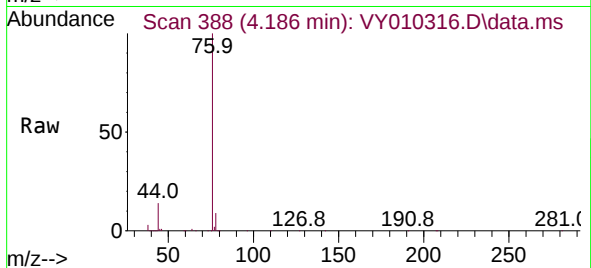




#17  
Carbon Disulfide  
Concen: 47.539 ug/l  
RT: 4.186 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

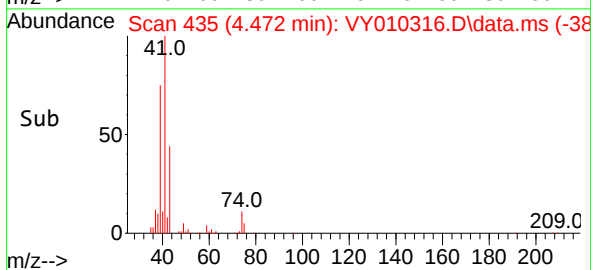
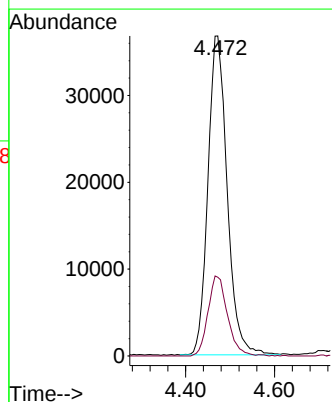
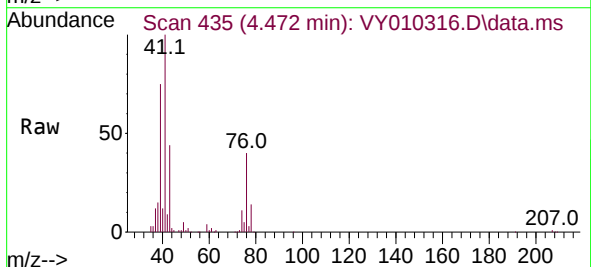
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

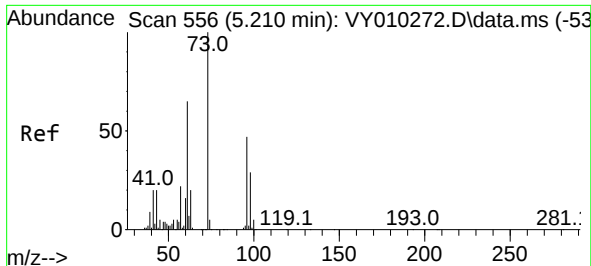
Tgt Ion: 76 Resp: 459124  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.0



#18  
Methyl Acetate  
Concen: 43.652 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.001 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 43 Resp: 110603  
Ion Ratio Lower Upper  
43 100  
74 25.3 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 47.667 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

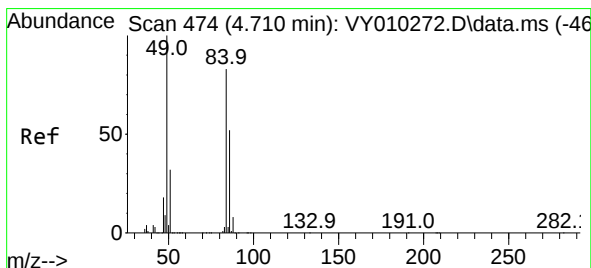
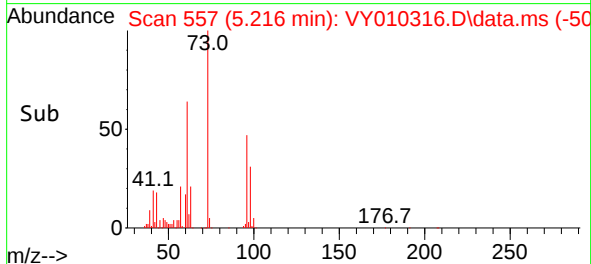
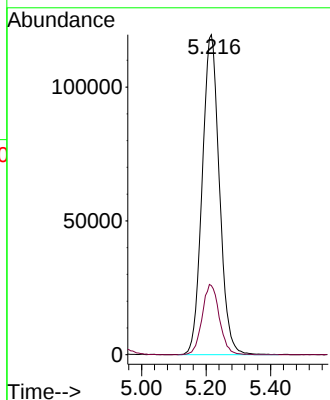
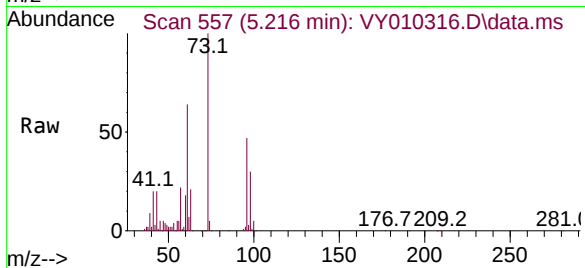
VSTDCCC050

Tgt Ion: 73 Resp: 441841

Ion Ratio Lower Upper

73 100

57 21.6 18.6 27.8



#20

Methylene Chloride

Concen: 48.180 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Tgt Ion: 84 Resp: 189829

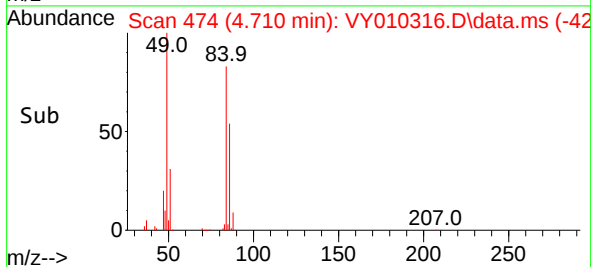
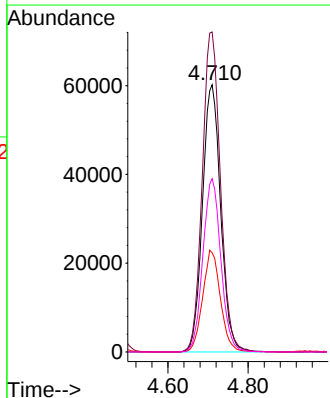
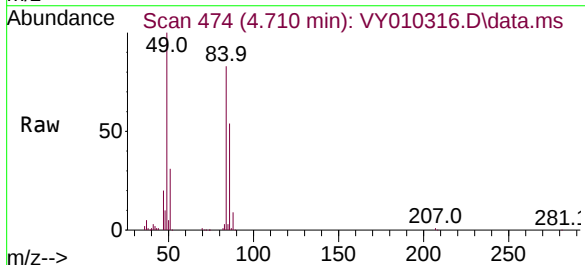
Ion Ratio Lower Upper

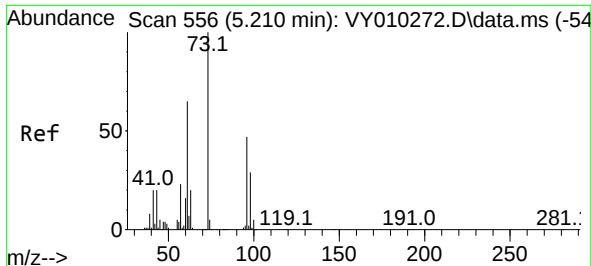
84 100

49 119.8 114.4 171.6

51 37.1 35.3 52.9

86 64.9 53.7 80.5

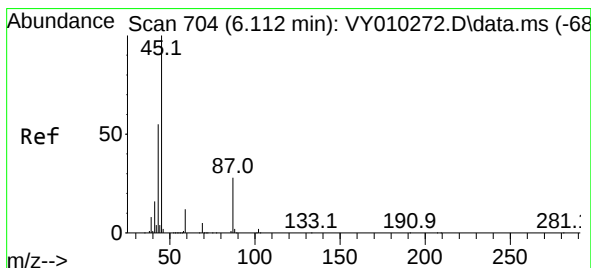
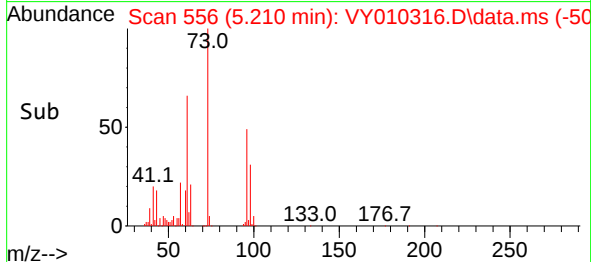
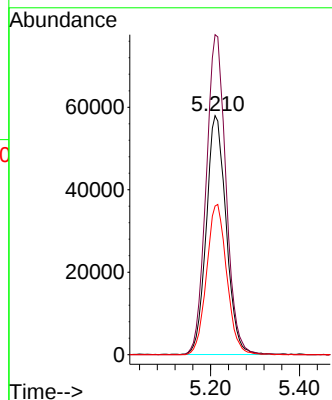
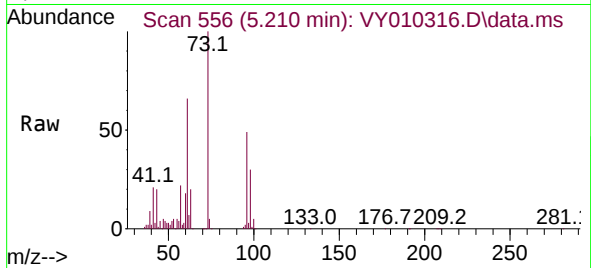




#21  
trans-1,2-Dichloroethene  
Concen: 50.187 ug/l  
RT: 5.210 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

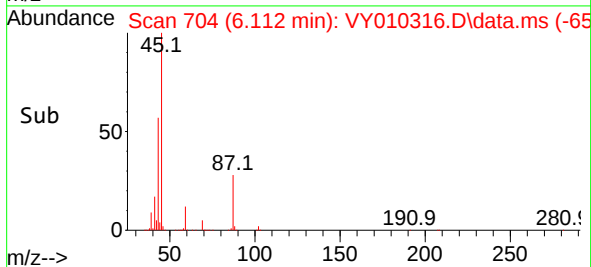
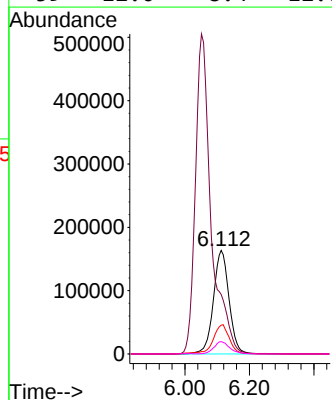
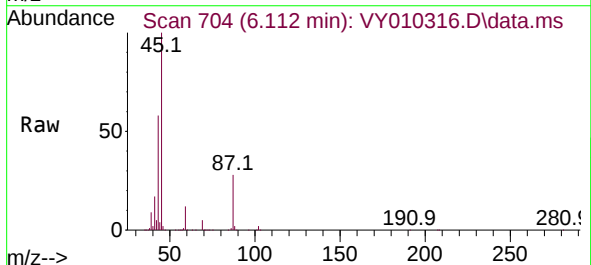
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

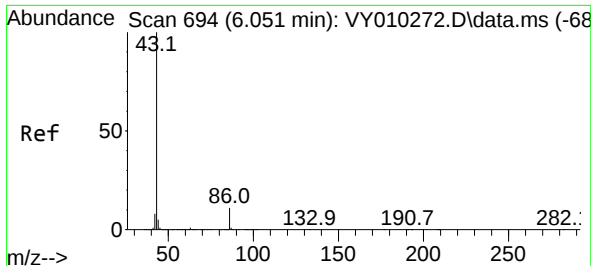
Tgt Ion: 96 Resp: 180321  
Ion Ratio Lower Upper  
96 100  
61 134.0 120.5 180.7  
98 62.3 49.8 74.8



#22  
Diisopropyl ether  
Concen: 48.417 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 45 Resp: 549139  
Ion Ratio Lower Upper  
45 100  
43 57.4 49.3 73.9  
87 27.8 19.2 28.8  
59 12.0 8.4 12.6

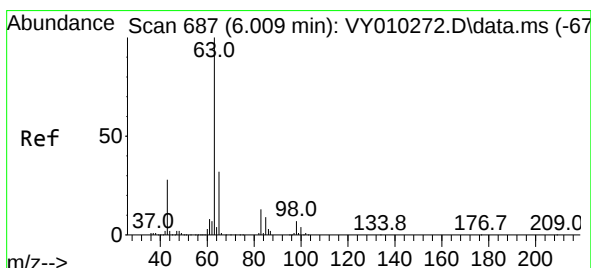
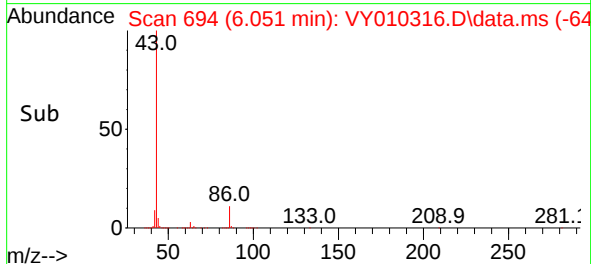
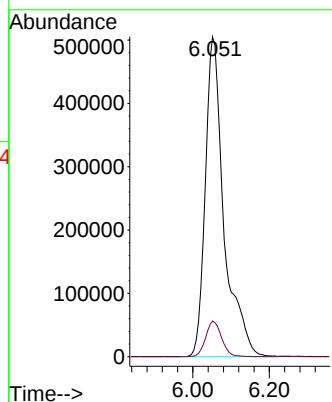
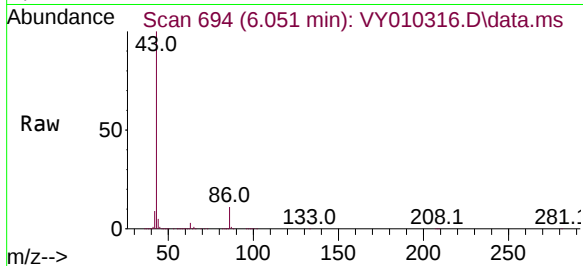




#23  
 Vinyl Acetate  
 Concen: 240.634 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: VY010316.D  
 Acq: 03 Sep 2022 13:01

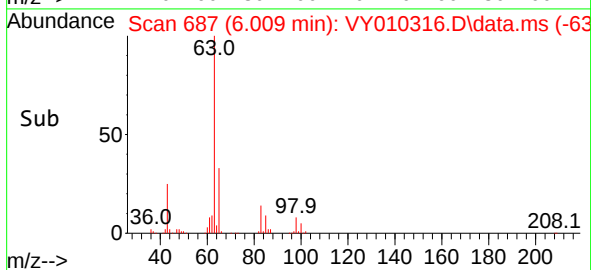
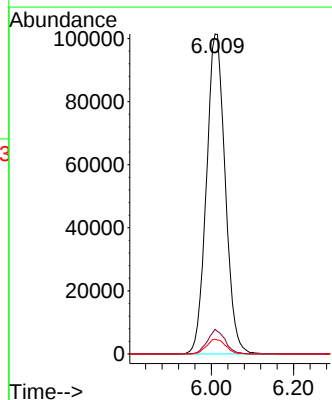
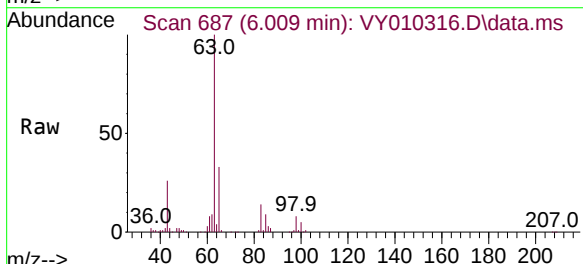
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

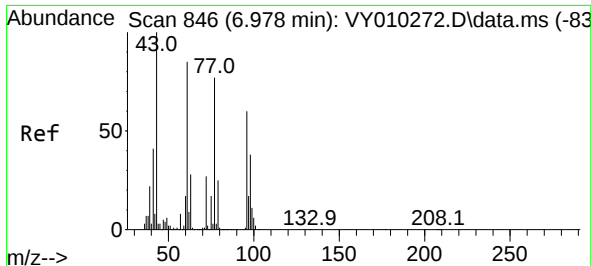
Tgt Ion: 43 Resp: 1711232  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 49.116 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.000 min  
 Lab File: VY010316.D  
 Acq: 03 Sep 2022 13:01

Tgt Ion: 63 Resp: 320916  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.6 10.8  
 100 4.6 2.0 5.8

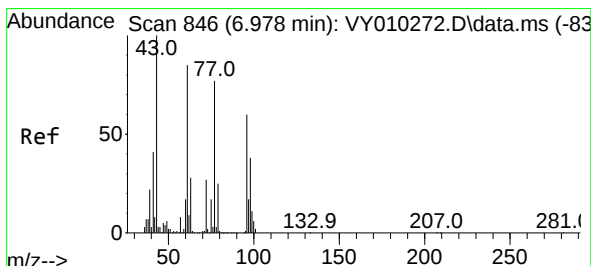
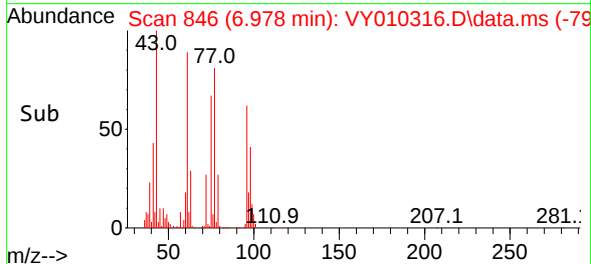
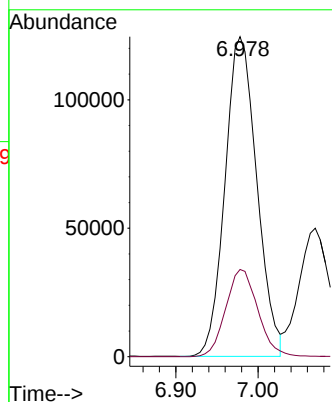
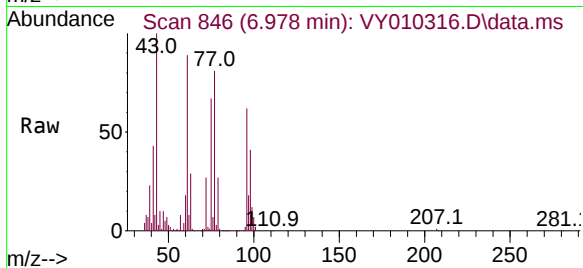




#25  
2-Butanone  
Concen: 250.016 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

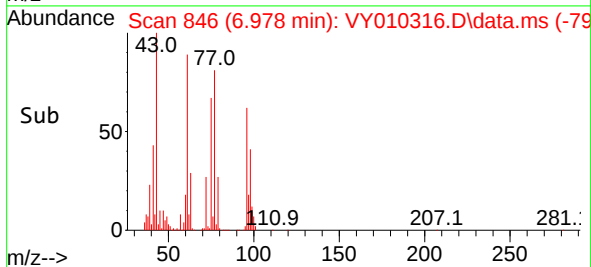
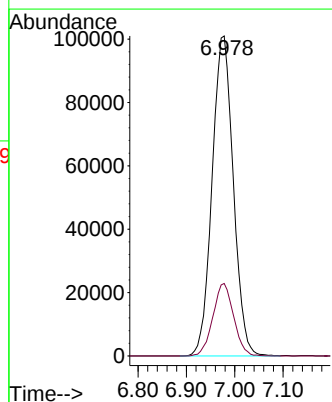
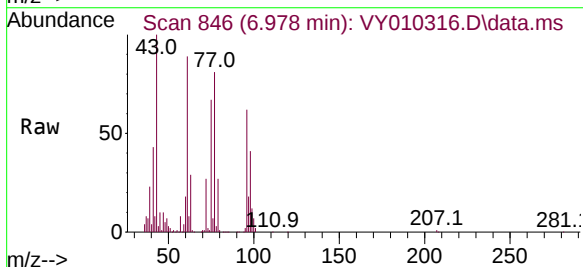
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

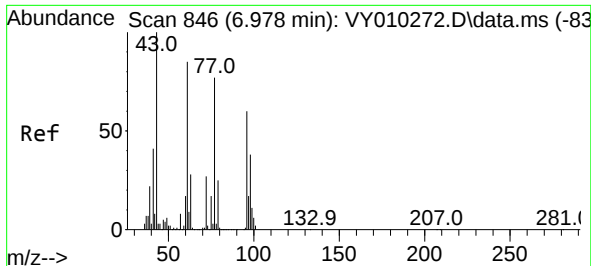
Tgt Ion: 43 Resp: 334997  
Ion Ratio Lower Upper  
43 100  
72 27.3 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 51.646 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 77 Resp: 307349  
Ion Ratio Lower Upper  
77 100  
97 22.2 10.4 31.4

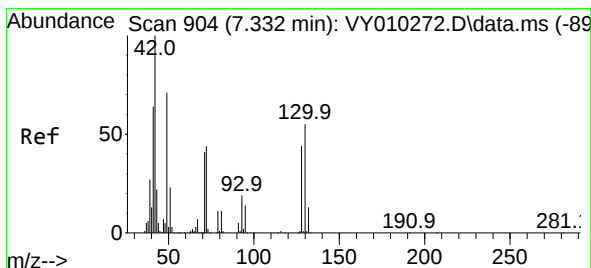
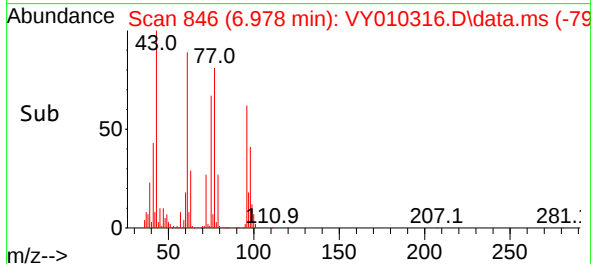
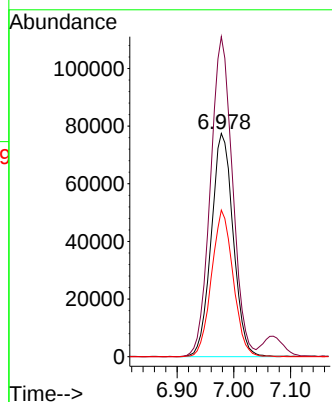
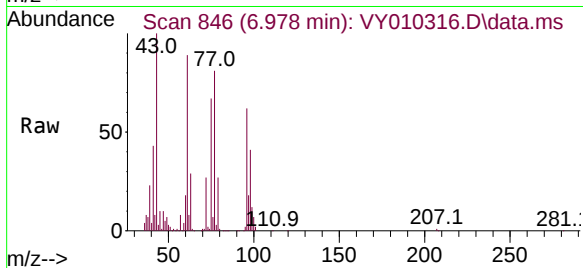




#27  
 cis-1,2-Dichloroethene  
 Concen: 50.782 ug/l  
 RT: 6.978 min Scan# 846  
 Delta R.T. 0.000 min  
 Lab File: VY010316.D  
 Acq: 03 Sep 2022 13:01

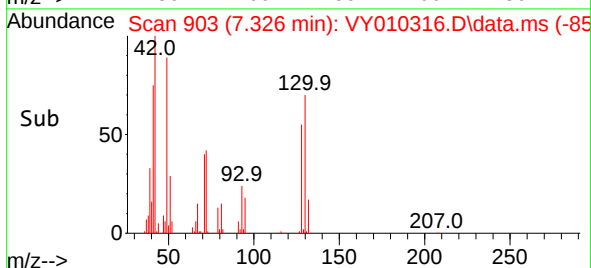
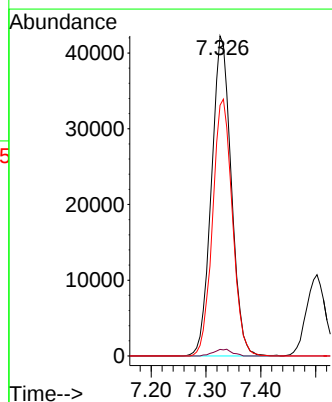
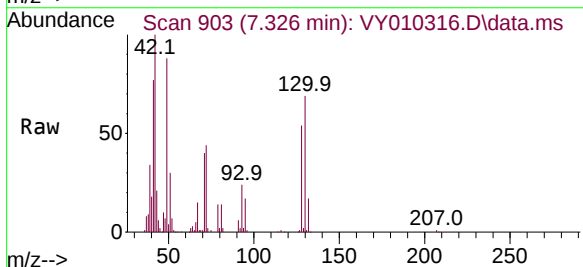
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

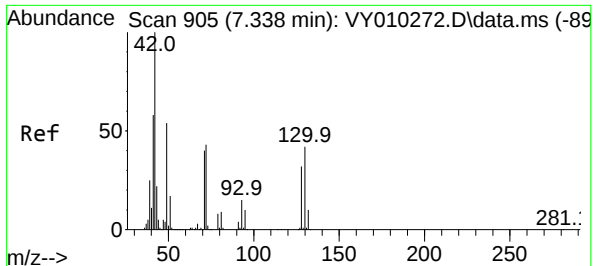
Tgt Ion: 96 Resp: 208520  
 Ion Ratio Lower Upper  
 96 100  
 61 144.3 0.0 319.8  
 98 64.5 0.0 127.0



#28  
 Bromochloromethane  
 Concen: 46.433 ug/l  
 RT: 7.326 min Scan# 903  
 Delta R.T. -0.006 min  
 Lab File: VY010316.D  
 Acq: 03 Sep 2022 13:01

Tgt Ion: 49 Resp: 105974  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 2.2  
 130 80.0 55.4 83.0





#29

Tetrahydrofuran

Concen: 226.923 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

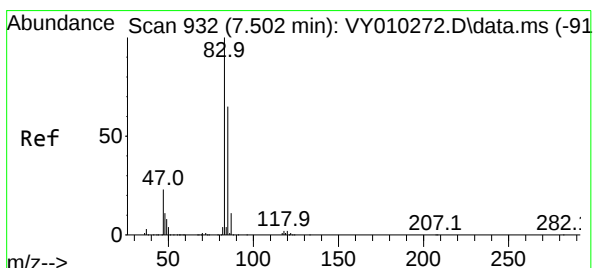
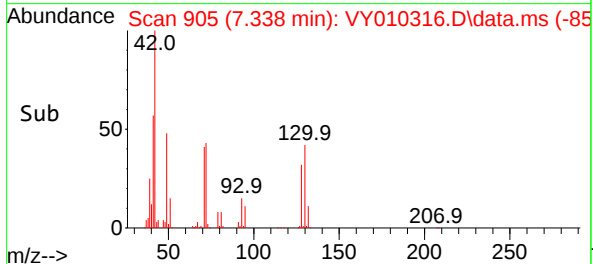
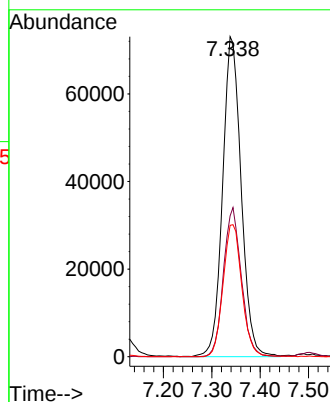
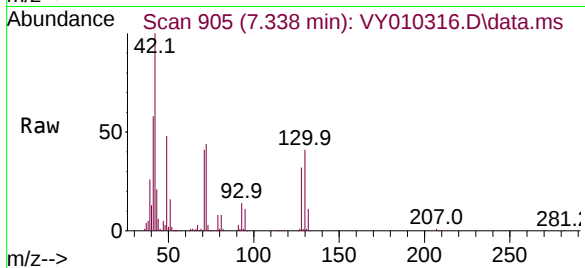
Tgt Ion: 42 Resp: 194793

Ion Ratio Lower Upper

42 100

72 44.9 30.3 45.5

71 41.6 29.0 43.4



#30

Chloroform

Concen: 50.838 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY010316.D

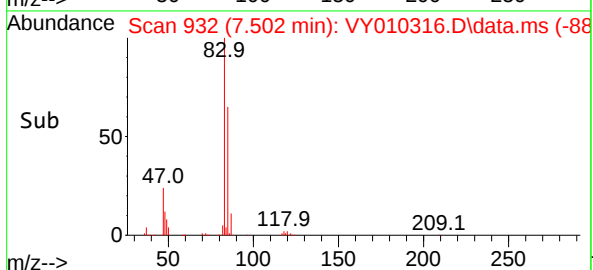
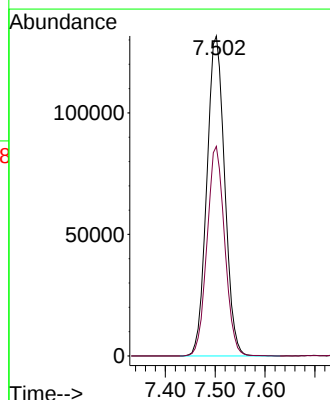
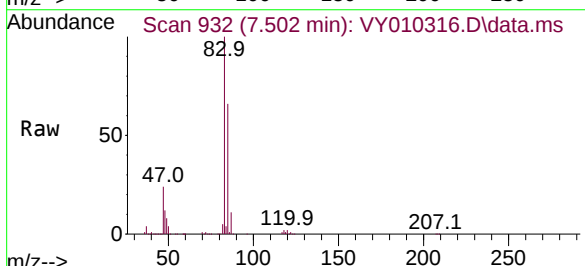
Acq: 03 Sep 2022 13:01

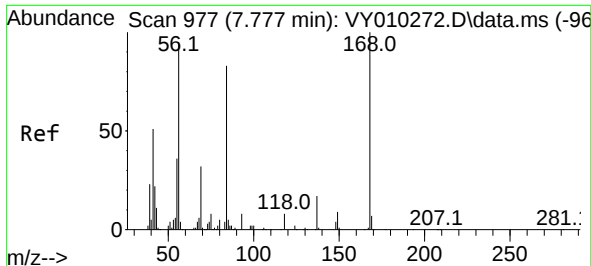
Tgt Ion: 83 Resp: 327106

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.6

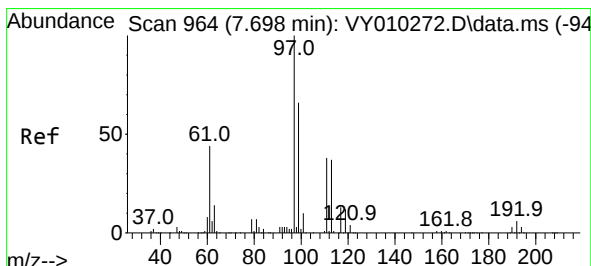
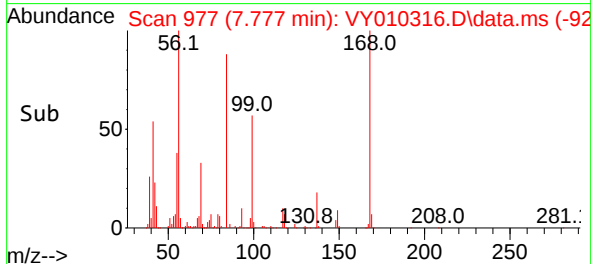
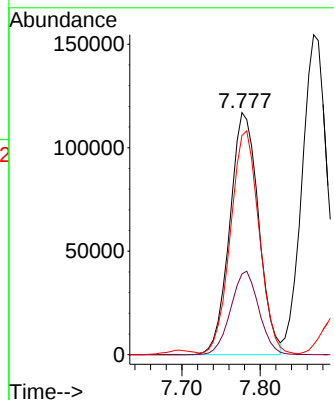
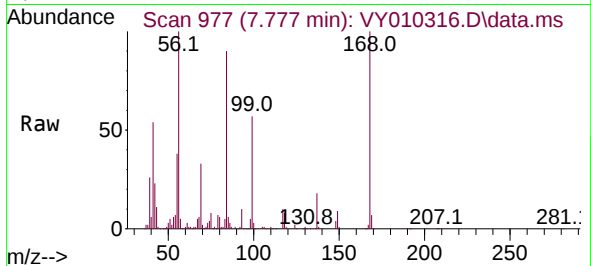




#31  
Cyclohexane  
Concen: 46.979 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

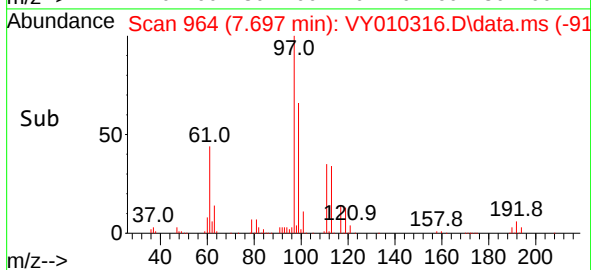
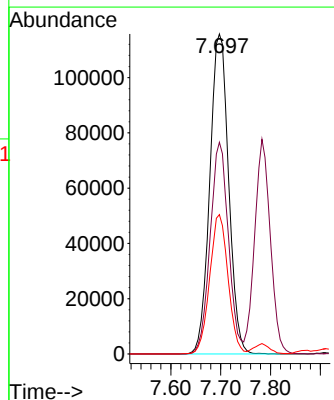
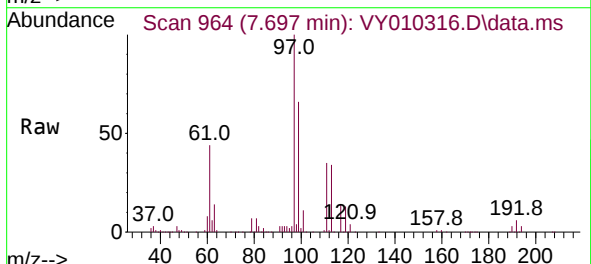
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

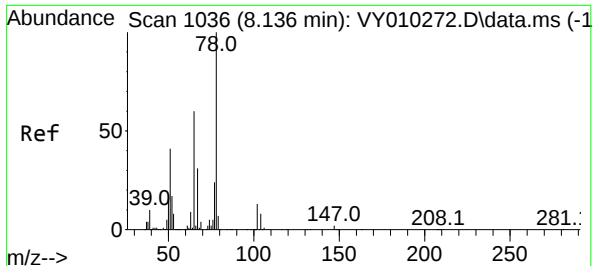
Tgt Ion: 56 Resp: 299304  
Ion Ratio Lower Upper  
56 100  
69 33.4 26.7 40.1  
84 88.7 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 51.679 ug/l  
RT: 7.697 min Scan# 964  
Delta R.T. -0.001 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 97 Resp: 302982  
Ion Ratio Lower Upper  
97 100  
99 64.6 50.7 76.1  
61 42.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 47.266 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

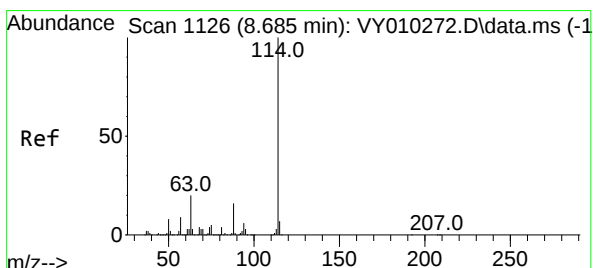
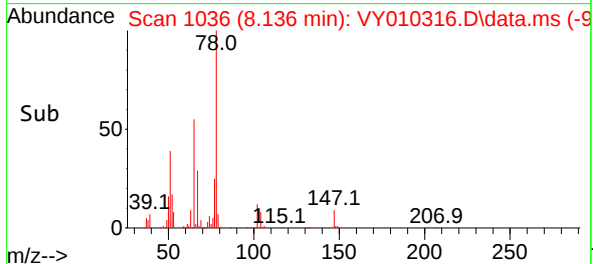
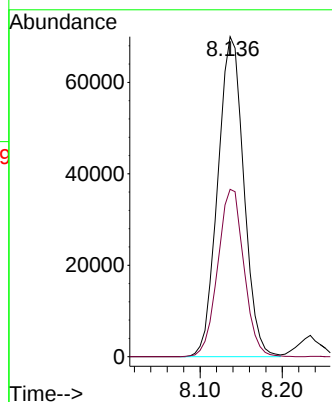
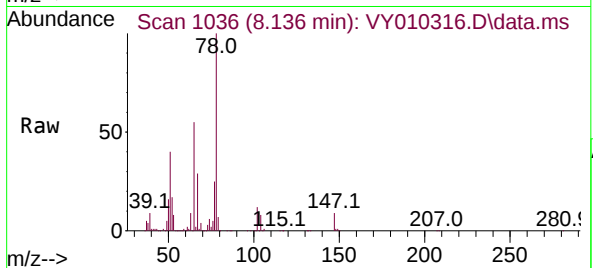
VSTDCCC050

Tgt Ion: 65 Resp: 154367

Ion Ratio Lower Upper

65 100

67 52.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

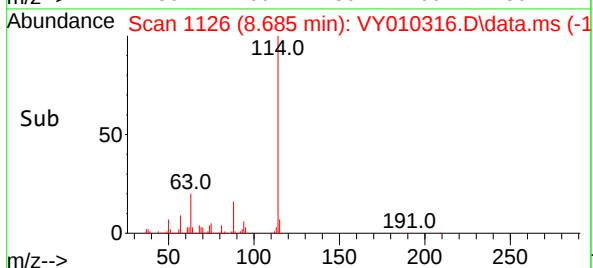
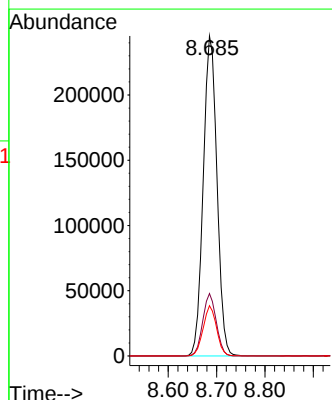
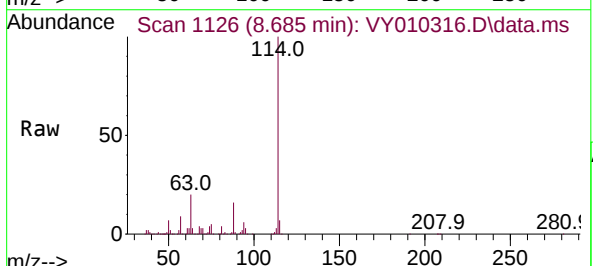
Tgt Ion: 114 Resp: 483842

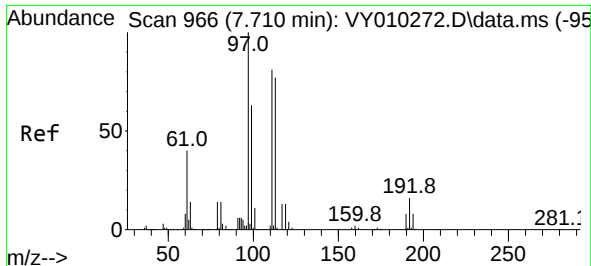
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.7 0.0 31.8

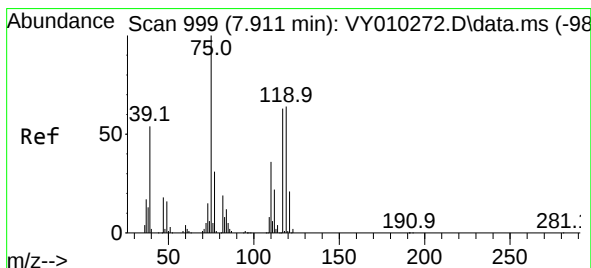
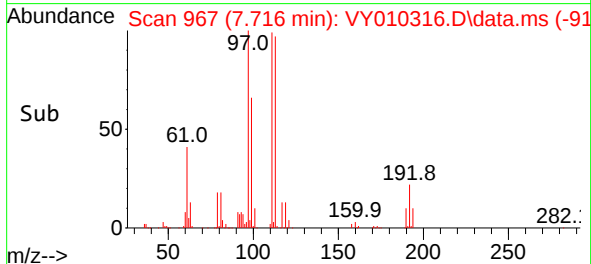
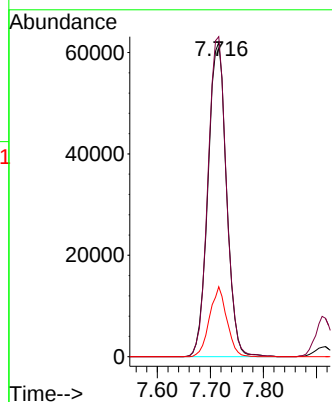
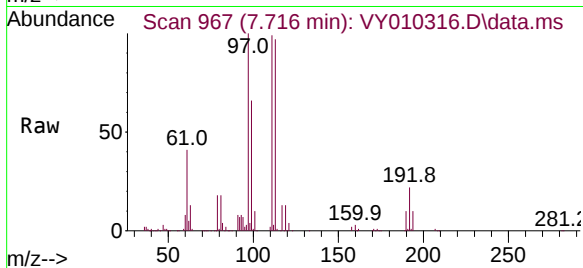




#35  
Dibromofluoromethane  
Concen: 46.676 ug/l  
RT: 7.716 min Scan# 901  
Delta R.T. 0.006 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

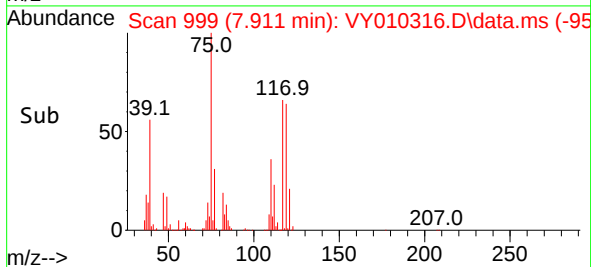
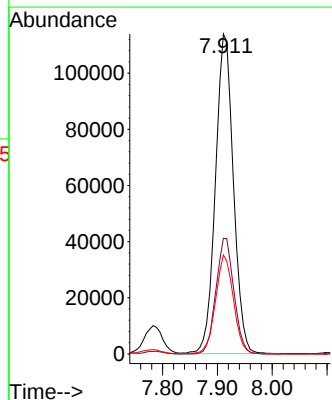
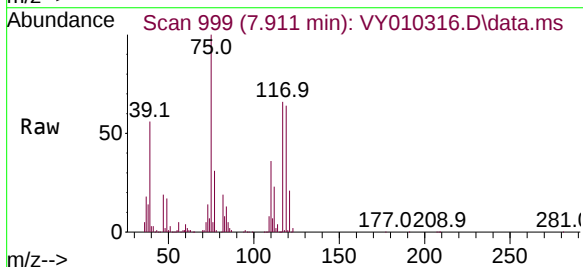
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

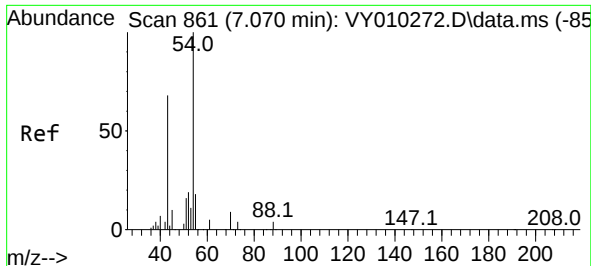
Tgt Ion:113 Resp: 150346  
Ion Ratio Lower Upper  
113 100  
111 101.5 82.6 124.0  
192 20.7 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 54.868 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 75 Resp: 259304  
Ion Ratio Lower Upper  
75 100  
110 36.1 17.1 51.2  
77 30.9 24.4 36.6

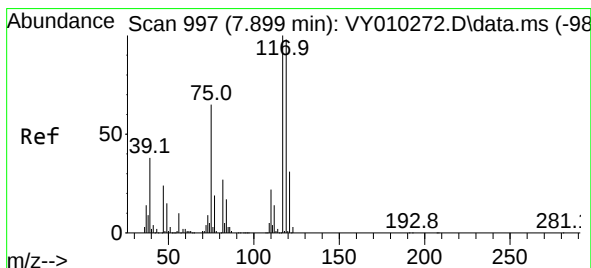
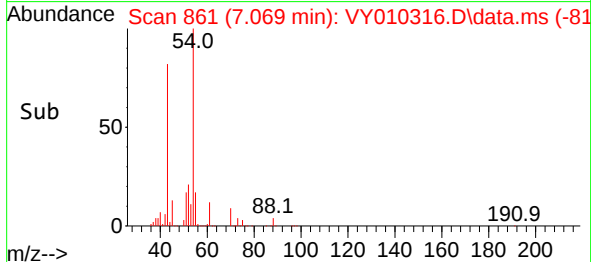
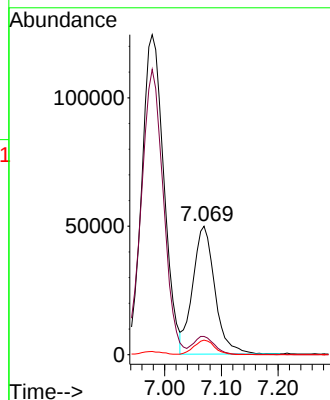
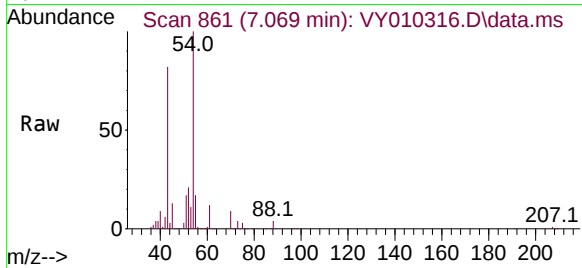




#37  
Ethyl Acetate  
Concen: 49.828 ug/l  
RT: 7.069 min Scan# 861  
Delta R.T. -0.001 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

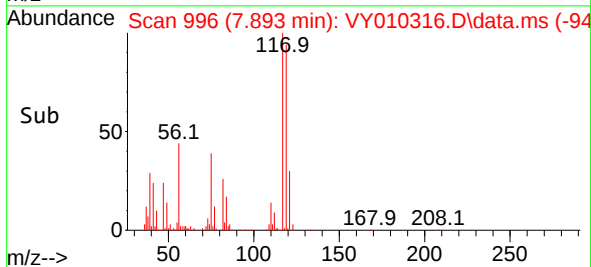
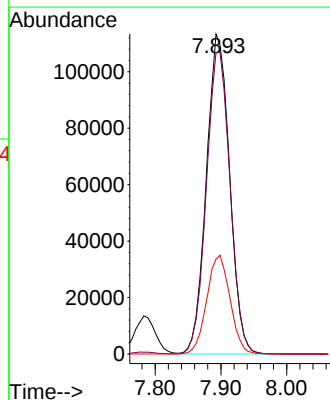
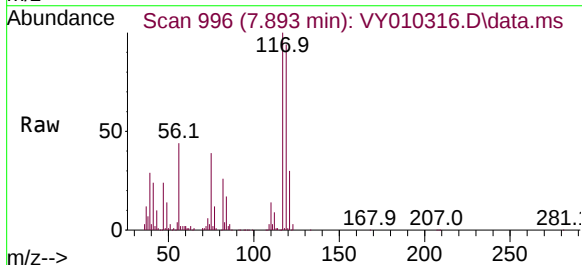
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

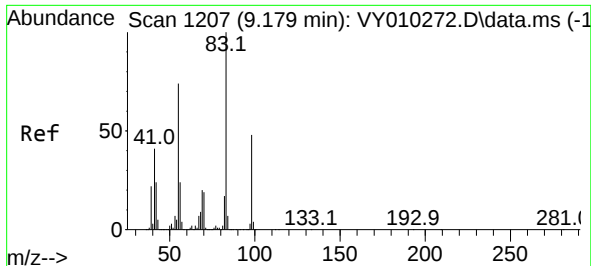
Tgt Ion: 43 Resp: 135012  
Ion Ratio Lower Upper  
43 100  
61 13.9 9.7 14.5  
70 10.4 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 57.334 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 117 Resp: 279249  
Ion Ratio Lower Upper  
117 100  
119 94.2 77.9 116.9  
121 29.7 24.8 37.2





#39

Methylcyclohexane

Concen: 54.035 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

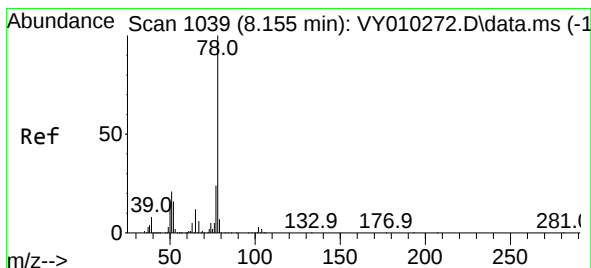
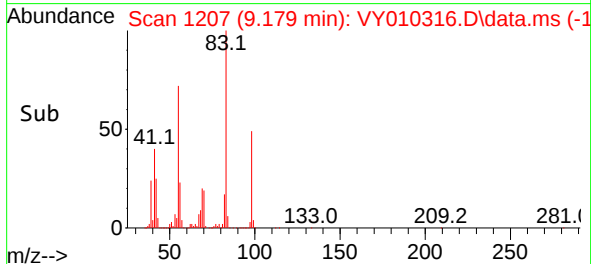
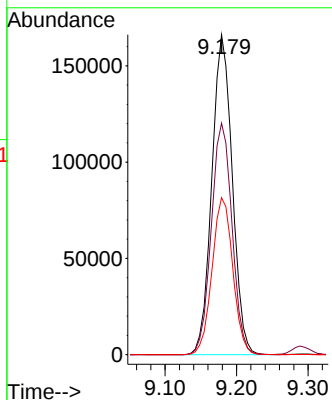
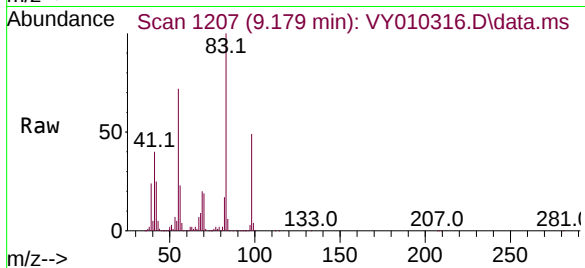
Tgt Ion: 83 Resp: 329684

Ion Ratio Lower Upper

83 100

55 72.4 66.5 99.7

98 49.0 37.9 56.9



#40

Benzene

Concen: 53.576 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010316.D

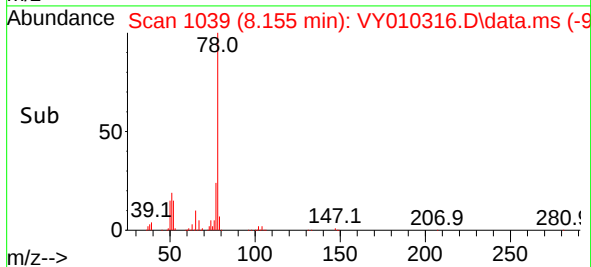
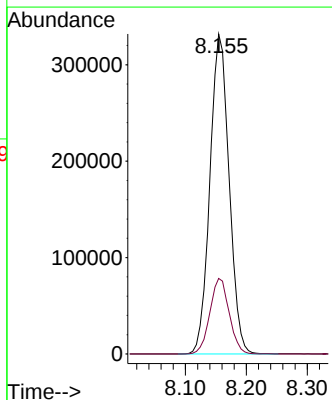
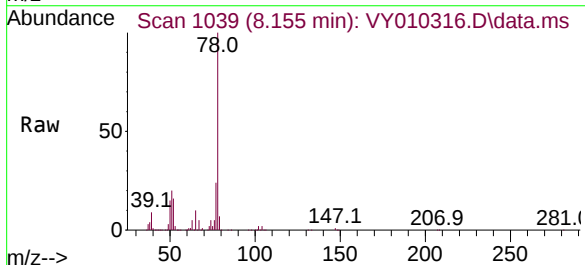
Acq: 03 Sep 2022 13:01

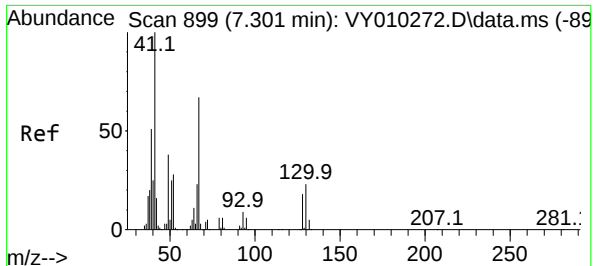
Tgt Ion: 78 Resp: 725142

Ion Ratio Lower Upper

78 100

77 23.6 20.4 30.6

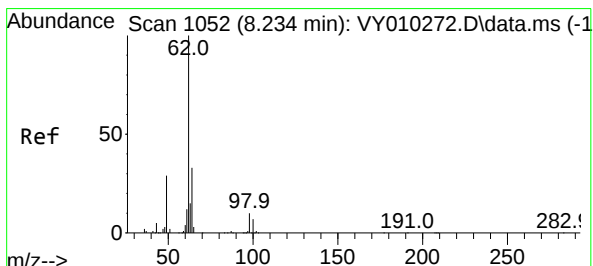
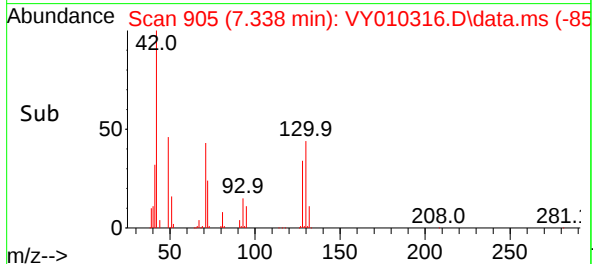
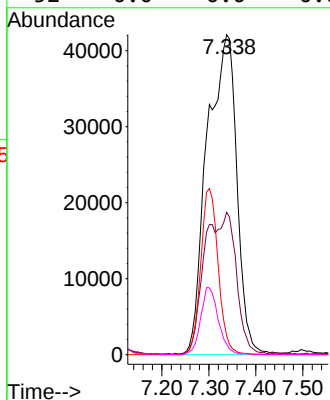
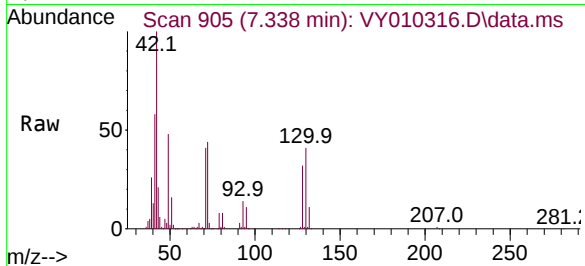




#41  
Methacrylonitrile  
Concen: 120.793 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.037 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

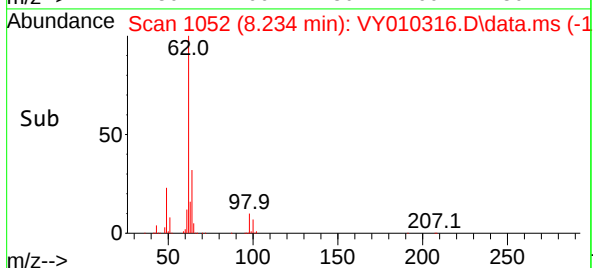
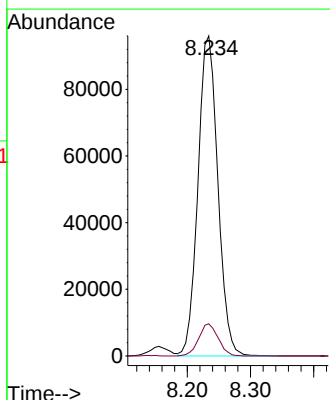
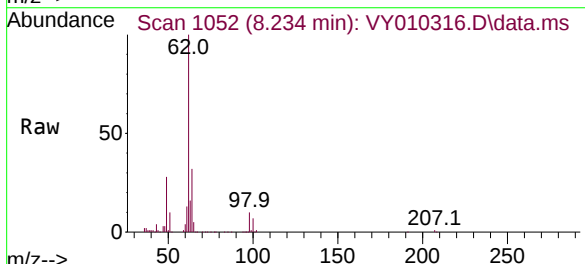
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

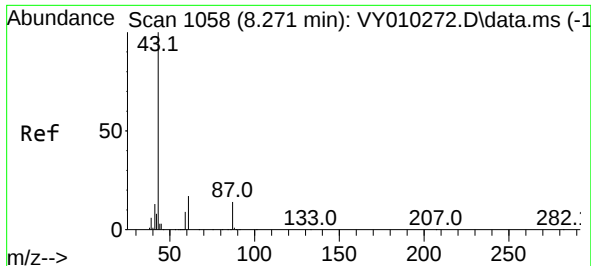
Tgt Ion: 41 Resp: 184519  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 53.657 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 62 Resp: 210569  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 14.8

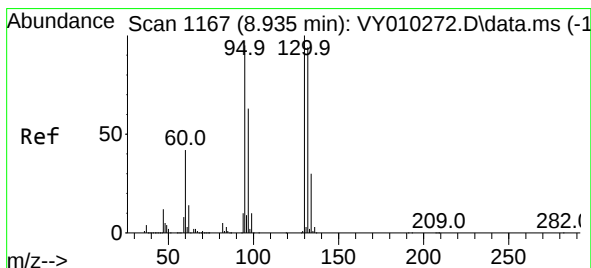
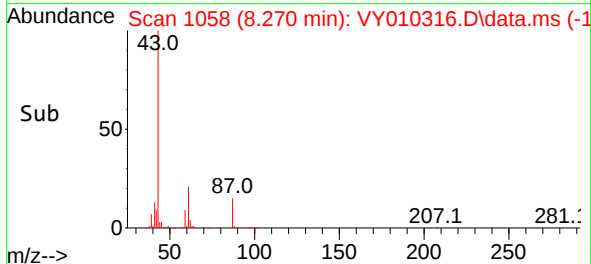
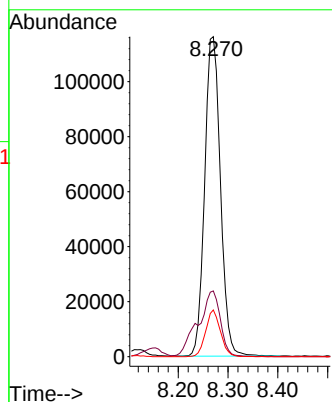
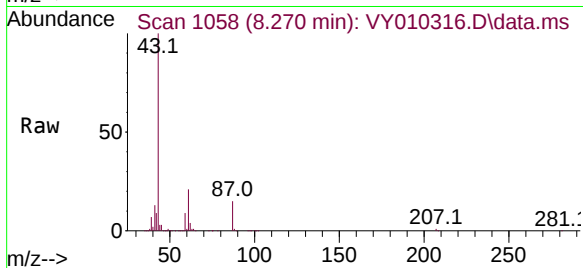




#43  
Isopropyl Acetate  
Concen: 49.438 ug/l  
RT: 8.270 min Scan# 11058  
Delta R.T. -0.001 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

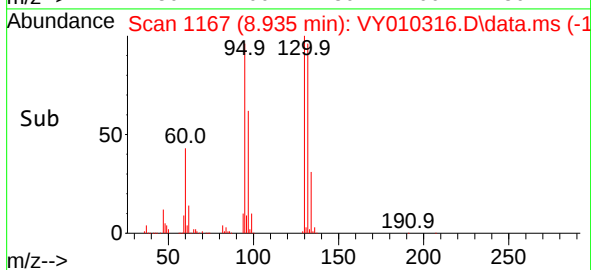
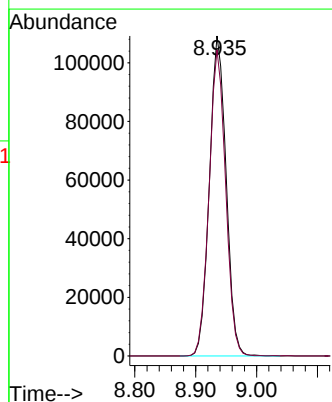
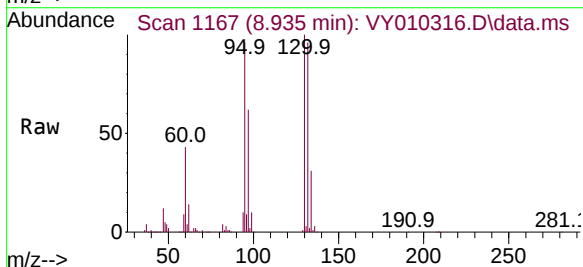
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 255345  
Ion Ratio Lower Upper  
43 100  
61 29.2 20.2 30.2  
87 13.7 8.9 13.3#



#44  
Trichloroethene  
Concen: 55.958 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion:130 Resp: 207921  
Ion Ratio Lower Upper  
130 100  
95 95.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 52.649 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

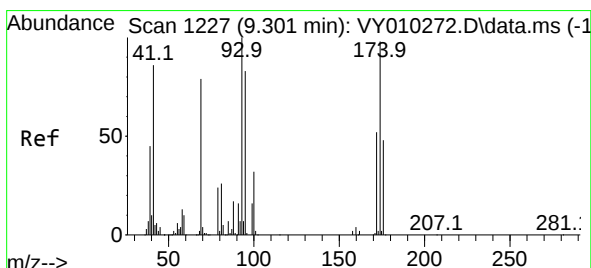
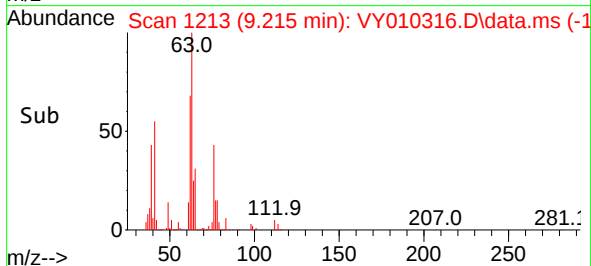
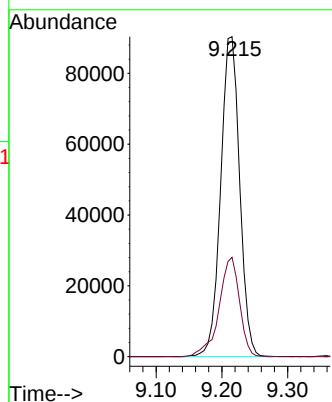
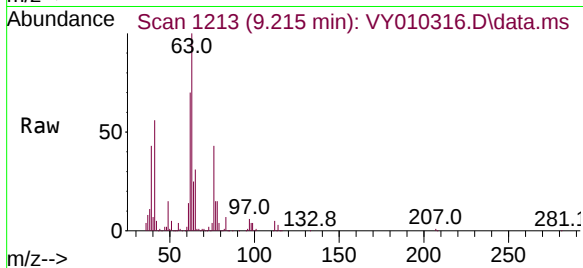
VSTDCCC050

Tgt Ion: 63 Resp: 181550

Ion Ratio Lower Upper

63 100

65 31.1 23.0 34.6



#46

Dibromomethane

Concen: 53.601 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

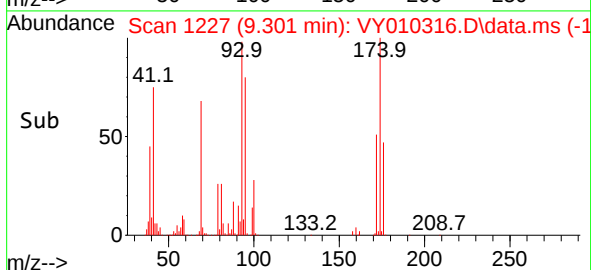
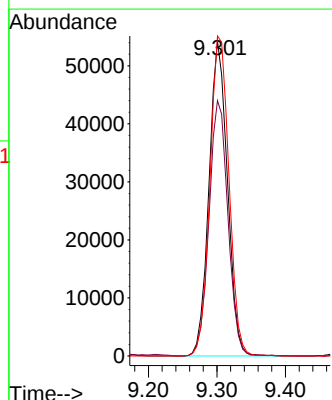
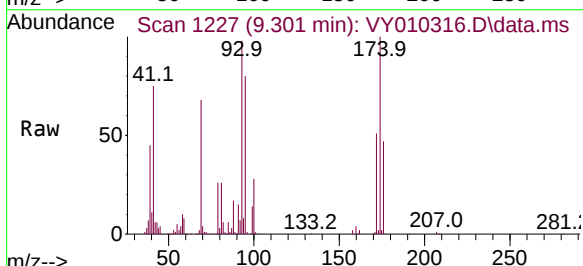
Tgt Ion: 93 Resp: 101520

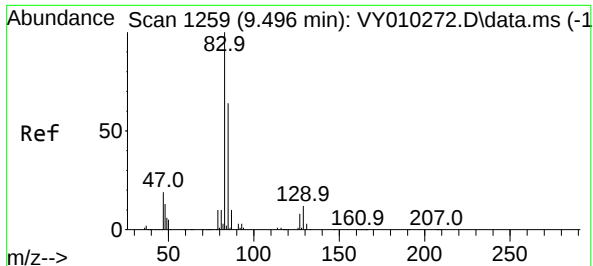
Ion Ratio Lower Upper

93 100

95 83.1 64.3 96.5

174 104.9 83.4 125.0





#47

Bromodichloromethane

Concen: 54.001 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

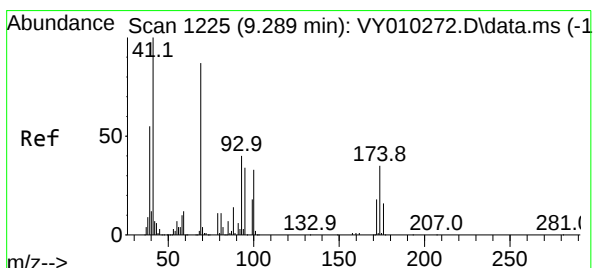
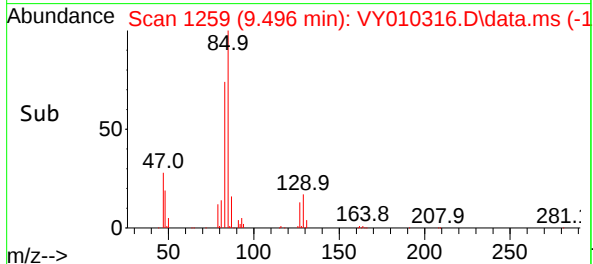
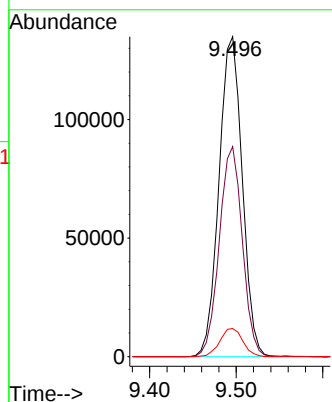
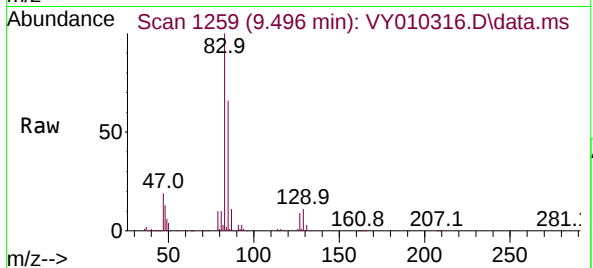
Tgt Ion: 83 Resp: 251525

Ion Ratio Lower Upper

83 100

85 65.6 51.9 77.9

127 8.8 6.6 10.0



#48

Methyl methacrylate

Concen: 50.469 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

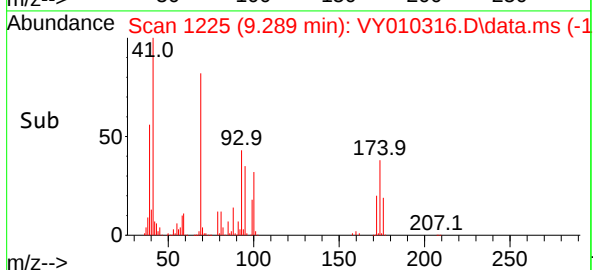
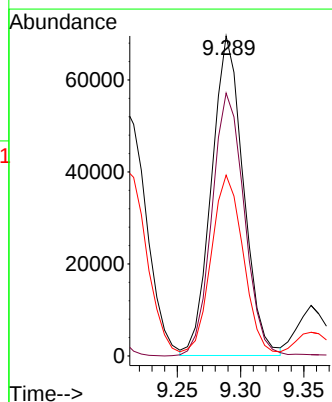
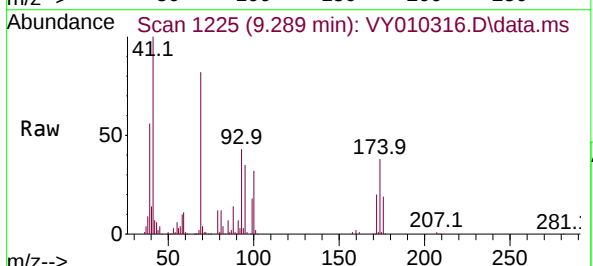
Tgt Ion: 41 Resp: 121594

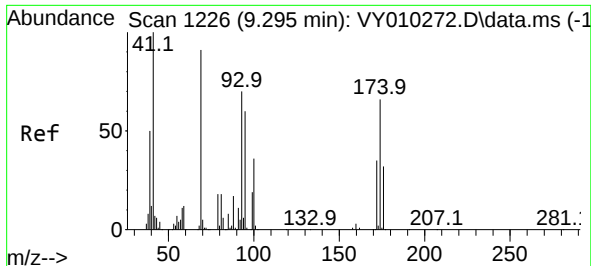
Ion Ratio Lower Upper

41 100

69 84.2 58.2 87.2

39 54.9 47.4 71.0





#49

1,4-Dioxane

Concen: 996.739 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

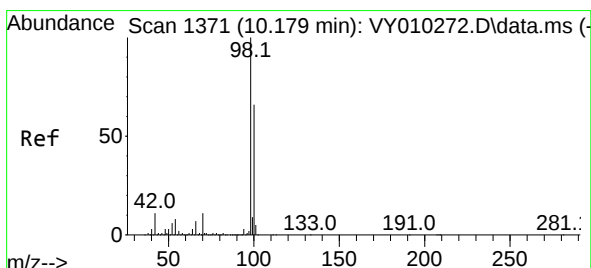
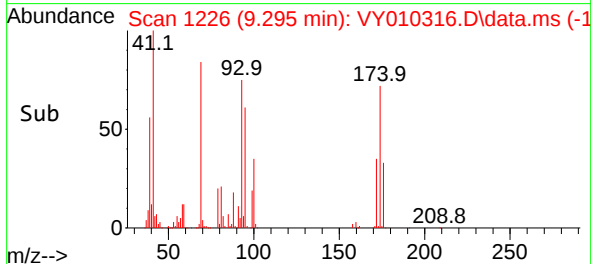
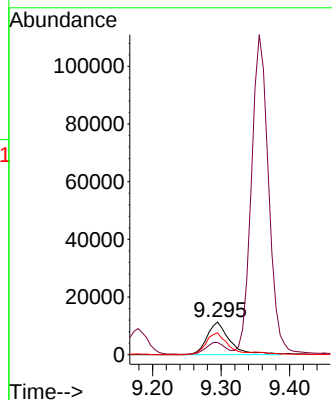
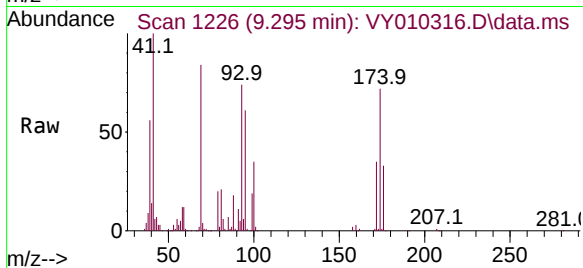
Tgt Ion: 88 Resp: 25976

Ion Ratio Lower Upper

88 100

43 33.0 32.8 49.2

58 62.6 59.8 89.6



#50

Toluene-d8

Concen: 53.498 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010316.D

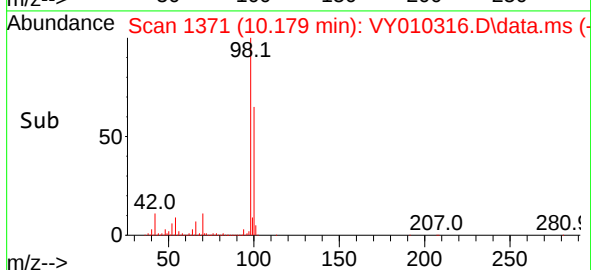
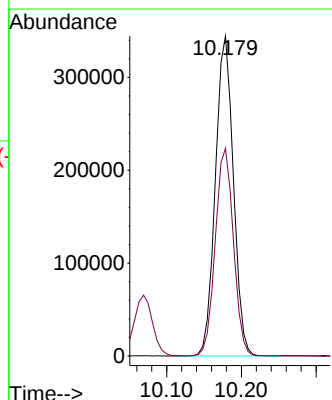
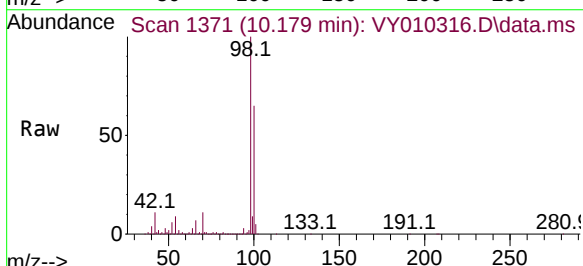
Acq: 03 Sep 2022 13:01

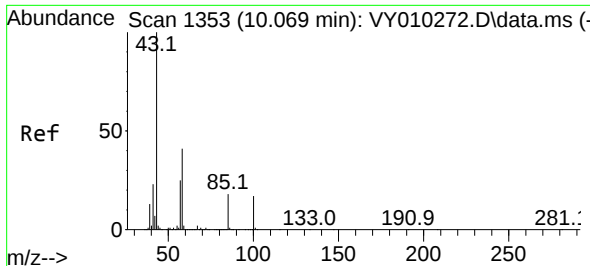
Tgt Ion: 98 Resp: 576923

Ion Ratio Lower Upper

98 100

100 65.2 50.2 75.2

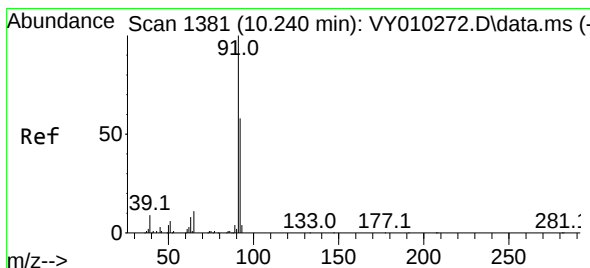
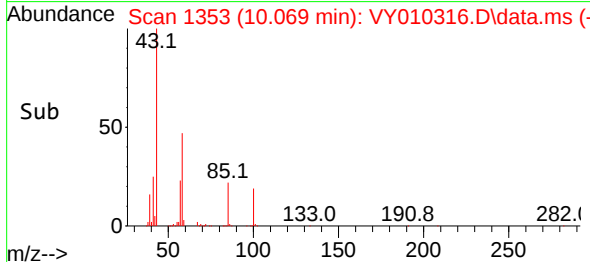
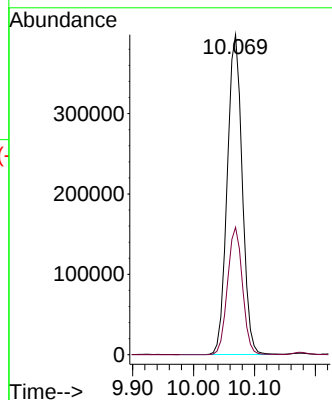
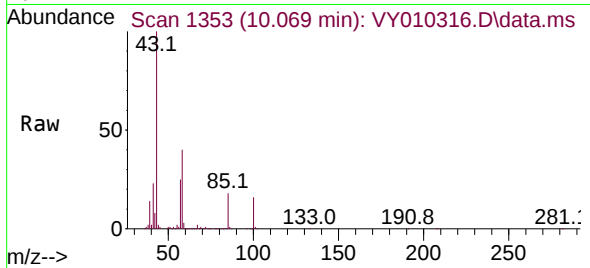




#51  
4-Methyl-2-Pentanone  
Concen: 254.985 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

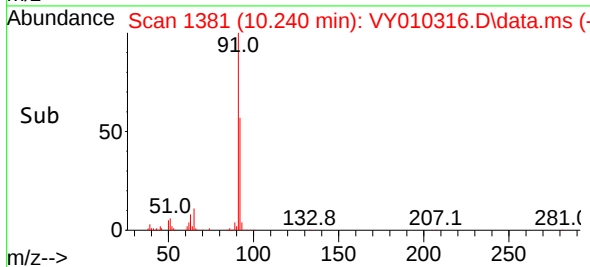
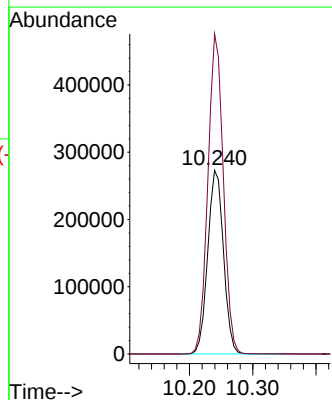
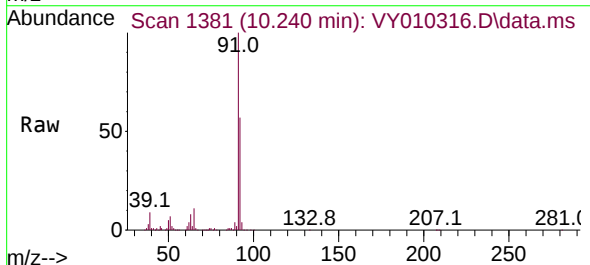
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

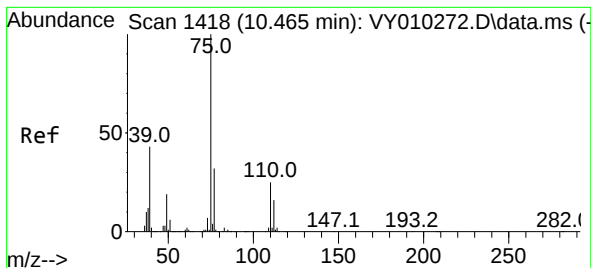
Tgt Ion: 43 Resp: 679467  
Ion Ratio Lower Upper  
43 100  
58 39.8 28.1 42.1



#52  
Toluene  
Concen: 54.490 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 92 Resp: 471778  
Ion Ratio Lower Upper  
92 100  
91 170.8 142.6 213.8

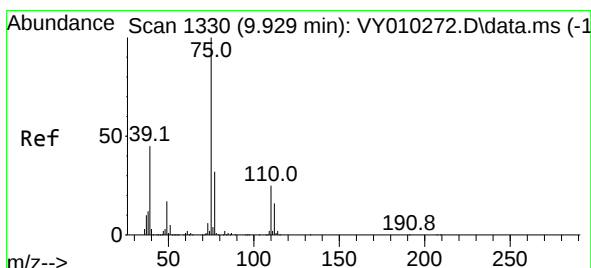
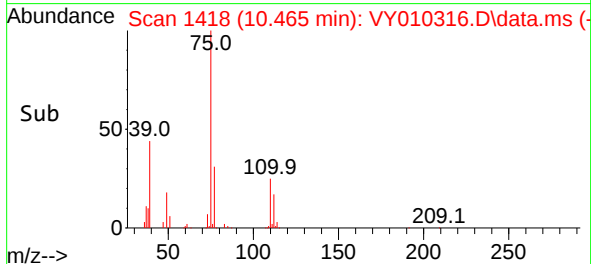
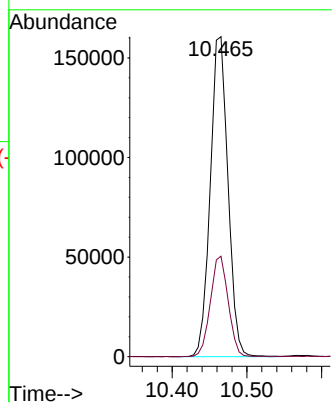
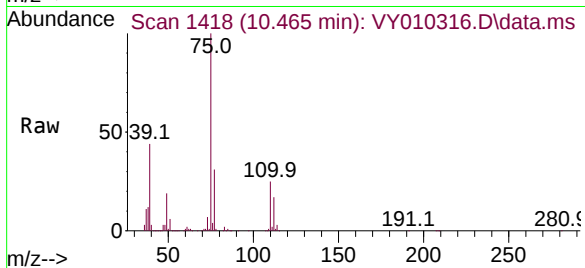




#53  
t-1,3-Dichloropropene  
Concen: 52.651 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

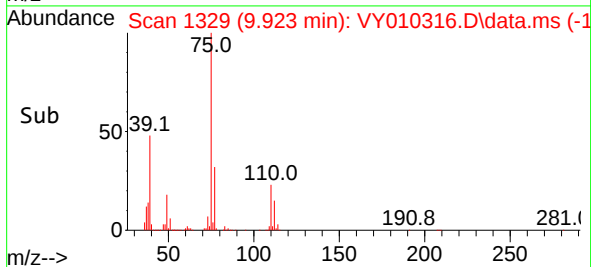
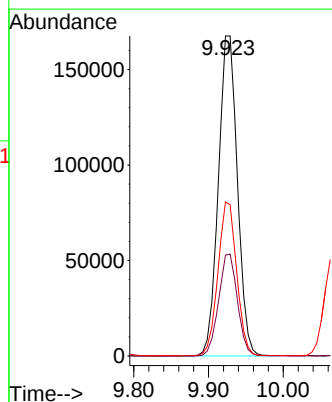
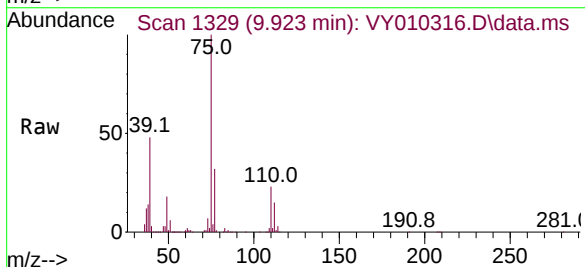
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

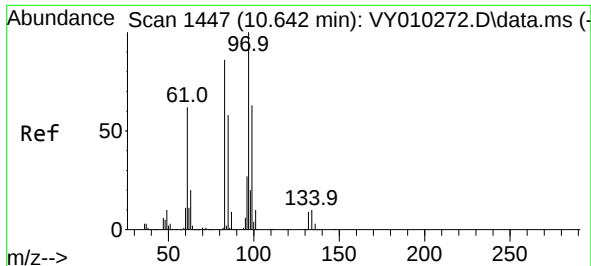
Tgt Ion: 75 Resp: 264505  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 52.509 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 75 Resp: 297447  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.6 38.4  
39 48.1 47.6 71.4





#55

1,1,2-Trichloroethane

Concen: 53.109 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 142791

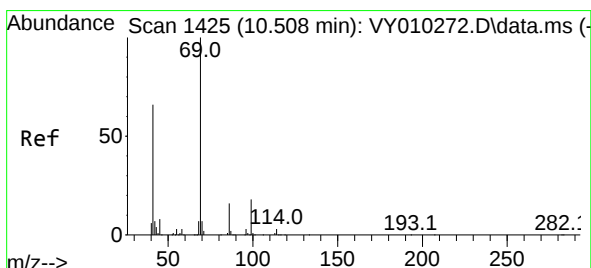
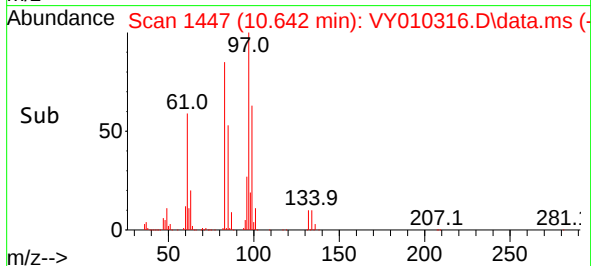
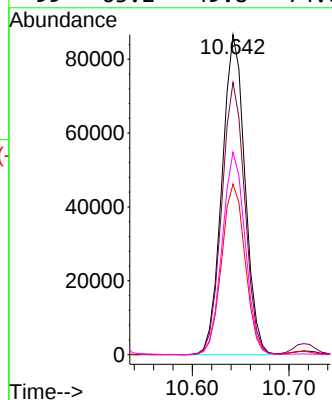
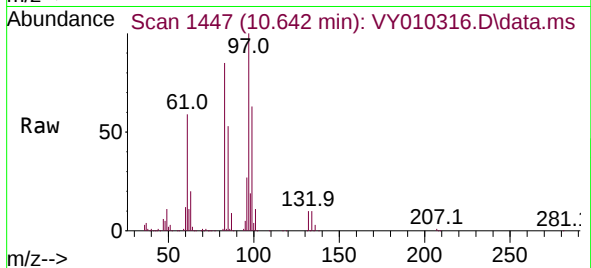
Ion Ratio Lower Upper

97 100

83 85.0 69.8 104.8

85 53.3 44.3 66.5

99 63.2 49.8 74.6



#56

Ethyl methacrylate

Concen: 50.094 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

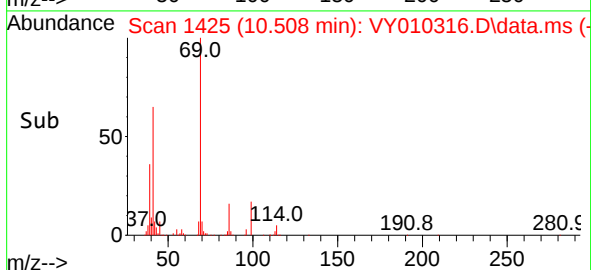
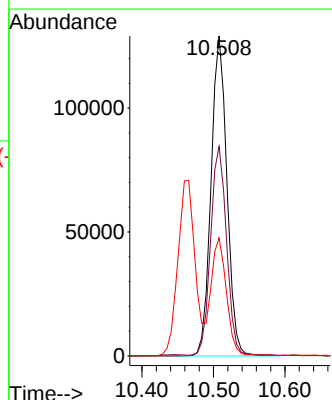
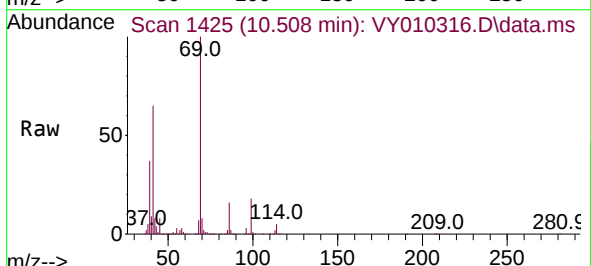
Tgt Ion: 69 Resp: 198983

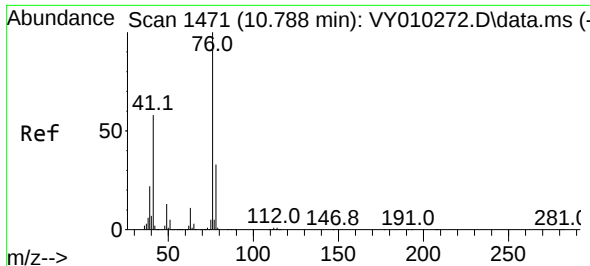
Ion Ratio Lower Upper

69 100

41 65.3 63.4 95.0

39 36.5 35.8 53.8





#57

1,3-Dichloropropane

Concen: 52.922 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

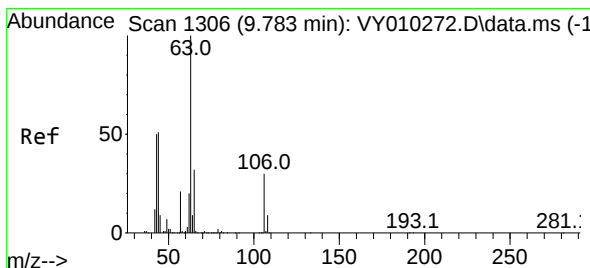
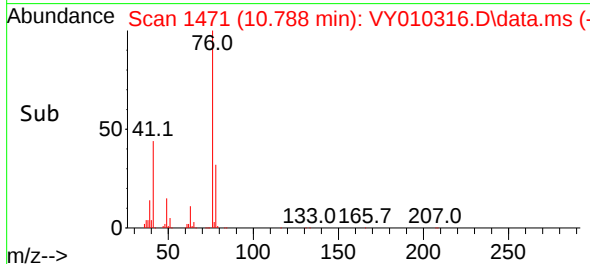
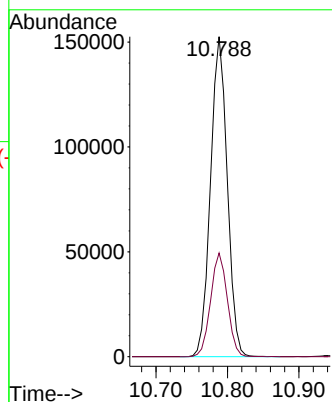
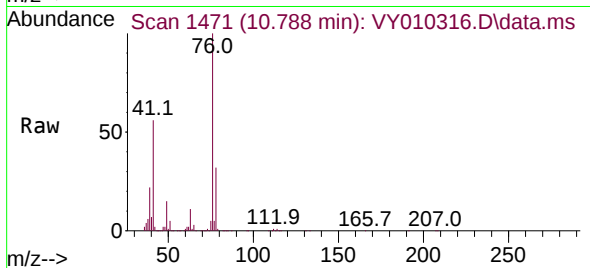
VSTDCCC050

Tgt Ion: 76 Resp: 248006

Ion Ratio Lower Upper

76 100

78 32.3 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 220.373 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY010316.D

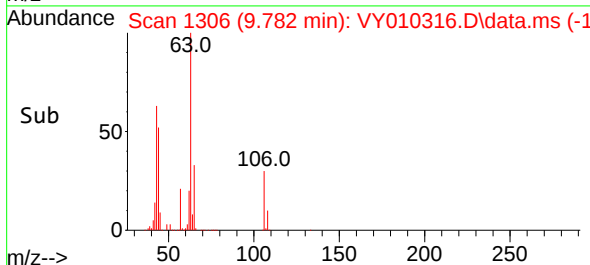
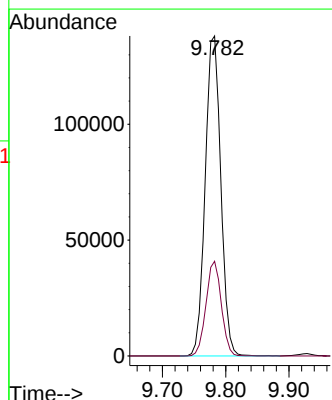
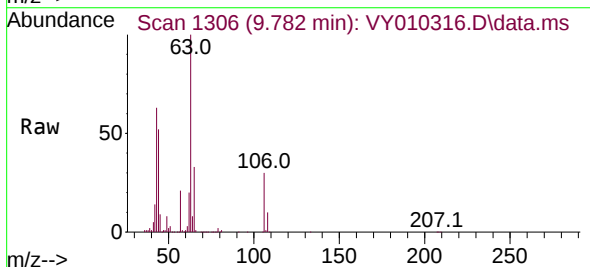
Acq: 03 Sep 2022 13:01

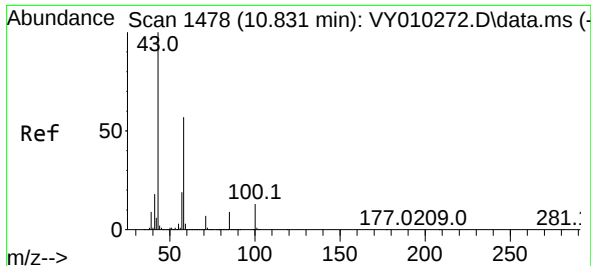
Tgt Ion: 63 Resp: 237093

Ion Ratio Lower Upper

63 100

106 29.1 21.5 32.3

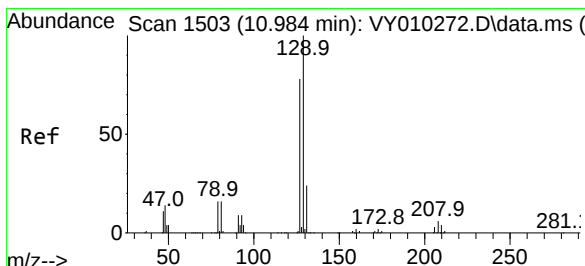
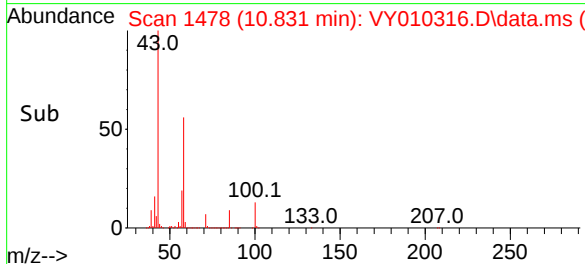
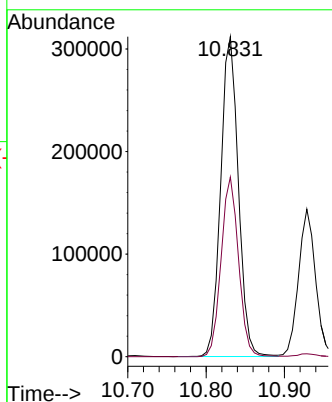
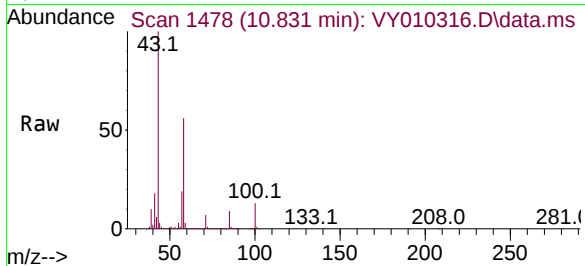




#59  
2-Hexanone  
Concen: 264.611 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

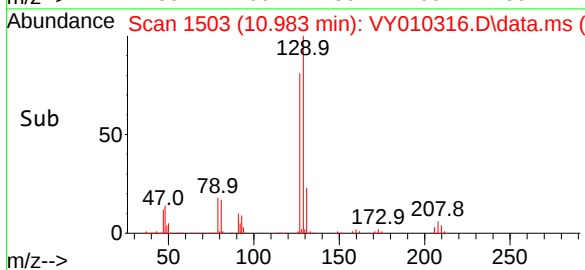
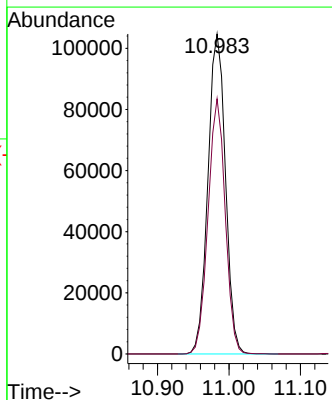
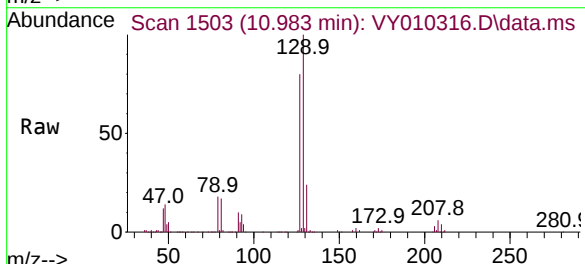
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

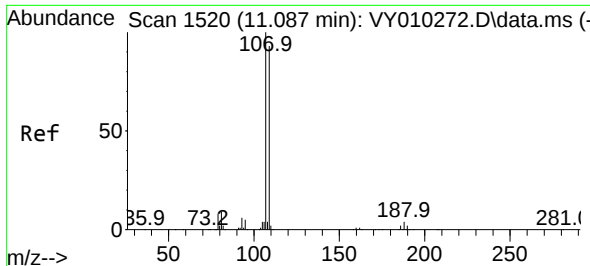
Tgt Ion: 43 Resp: 488952  
Ion Ratio Lower Upper  
43 100  
58 55.4 24.4 73.4



#60  
Dibromochloromethane  
Concen: 54.955 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.001 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 129 Resp: 178042  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.7 116.1

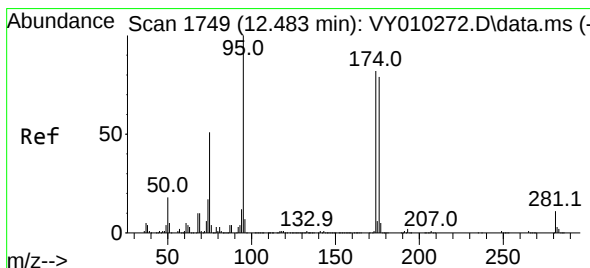
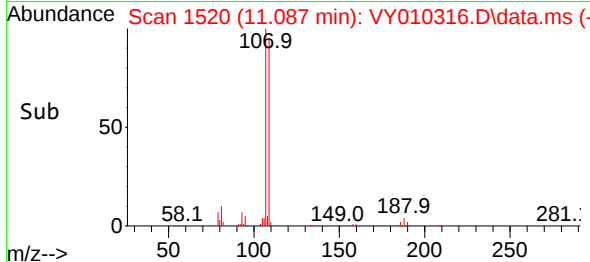
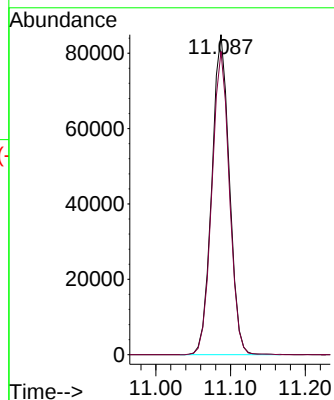
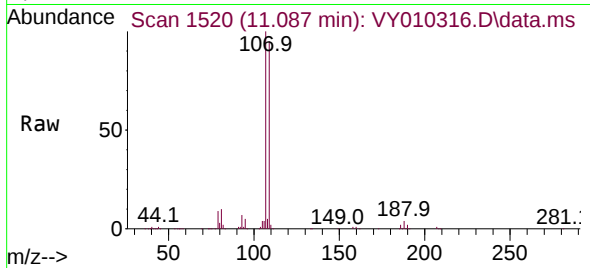




#61  
1,2-Dibromoethane  
Concen: 53.265 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

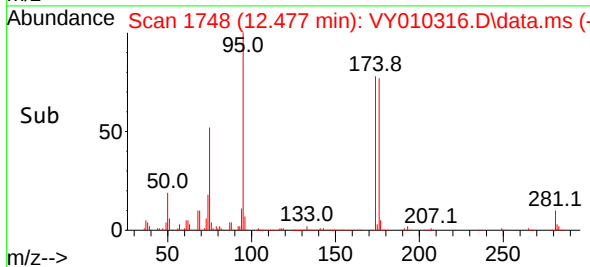
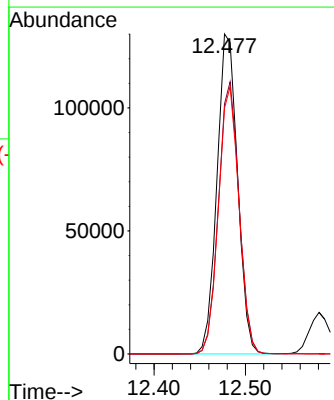
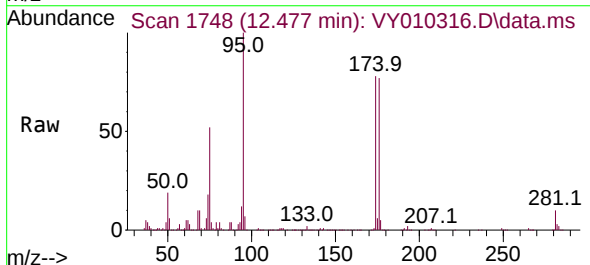
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

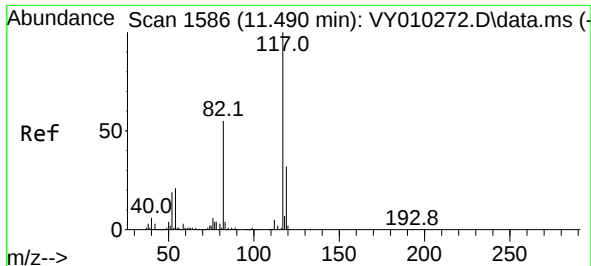
Tgt Ion:107 Resp: 138394  
Ion Ratio Lower Upper  
107 100  
109 94.5 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 46.765 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 95 Resp: 203735  
Ion Ratio Lower Upper  
95 100  
174 85.0 0.0 177.0  
176 83.1 0.0 175.8

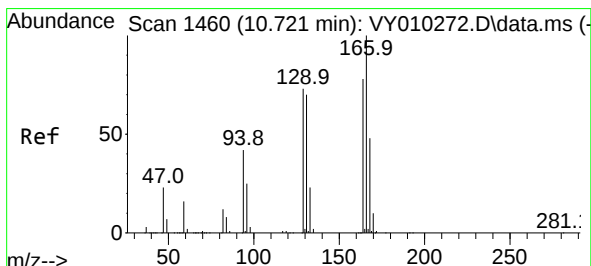
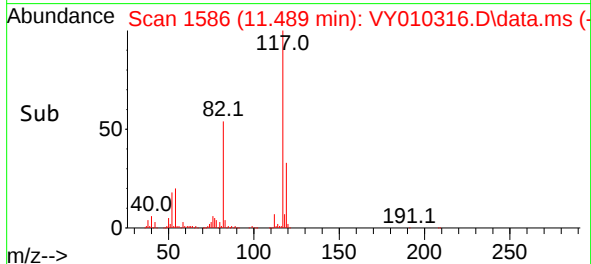
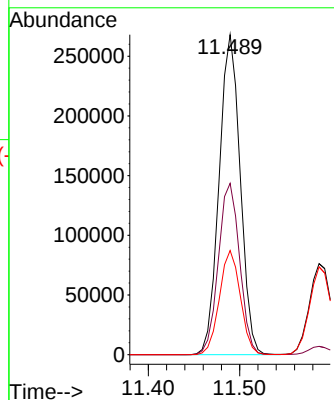
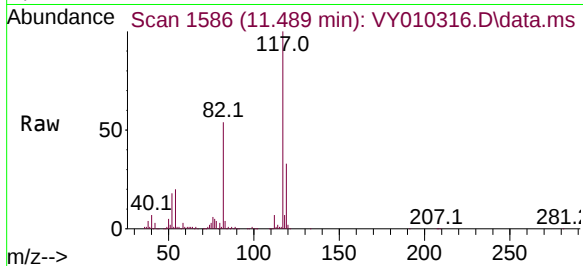




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

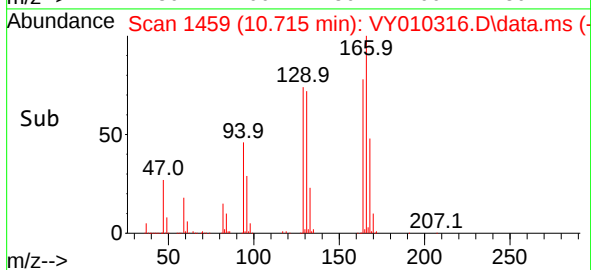
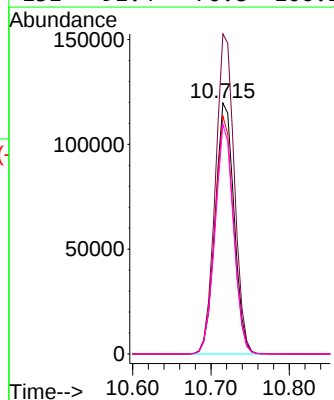
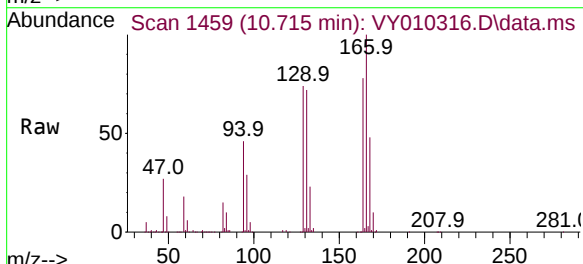
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

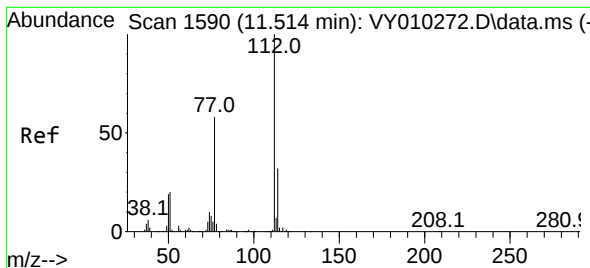
Tgt Ion:117 Resp: 430516  
Ion Ratio Lower Upper  
117 100  
82 53.6 43.0 64.4  
119 32.6 25.4 38.0



#64  
Tetrachloroethene  
Concen: 57.253 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion:164 Resp: 201014  
Ion Ratio Lower Upper  
164 100  
166 127.6 100.4 150.6  
129 94.8 71.4 107.0  
131 91.4 70.8 106.2





#65

Chlorobenzene

Concen: 54.893 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

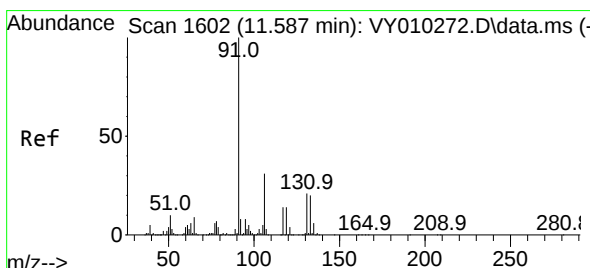
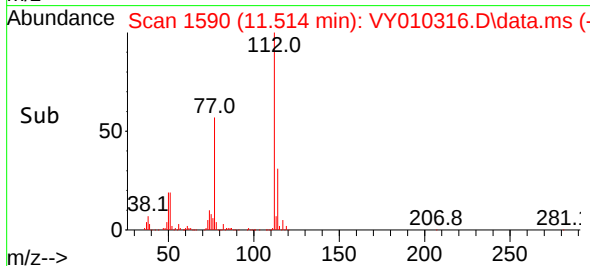
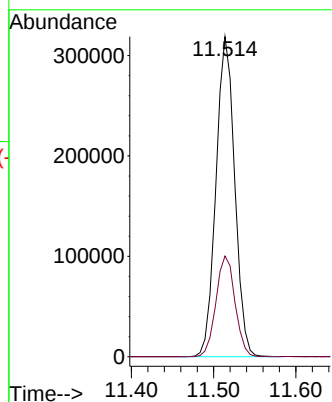
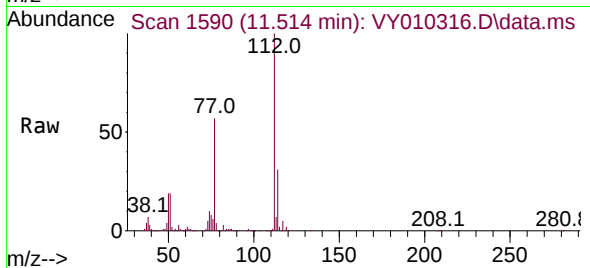
VSTDCCC050

Tgt Ion:112 Resp: 503587

Ion Ratio Lower Upper

112 100

114 31.4 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.683 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

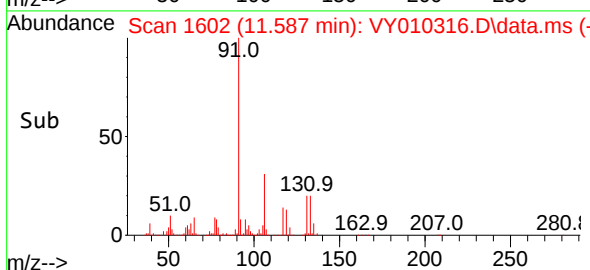
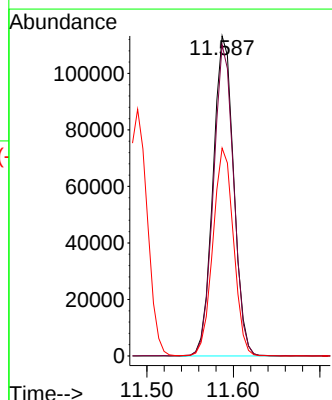
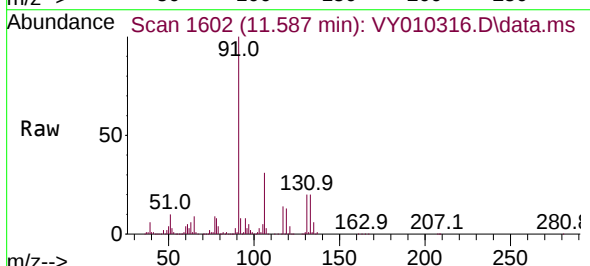
Tgt Ion:131 Resp: 187574

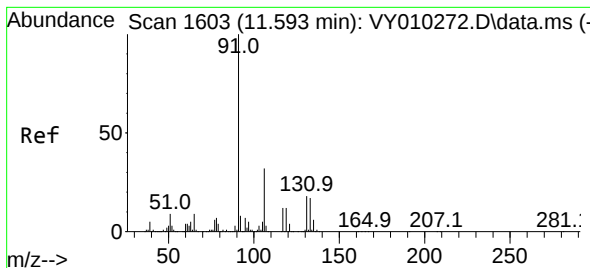
Ion Ratio Lower Upper

131 100

133 95.3 47.9 143.6

119 64.7 30.8 92.3





#67

Ethyl Benzene

Concen: 54.831 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

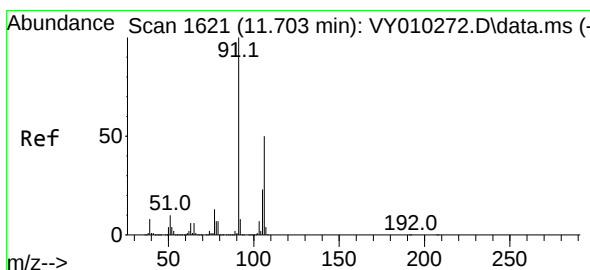
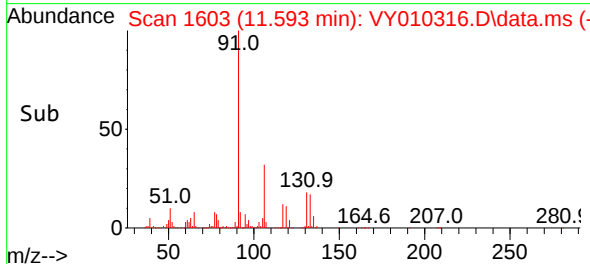
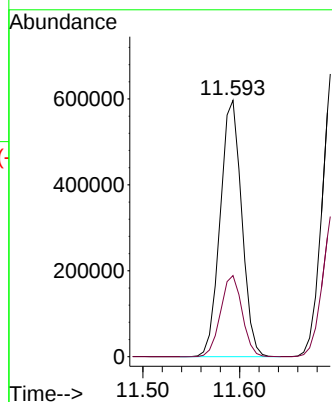
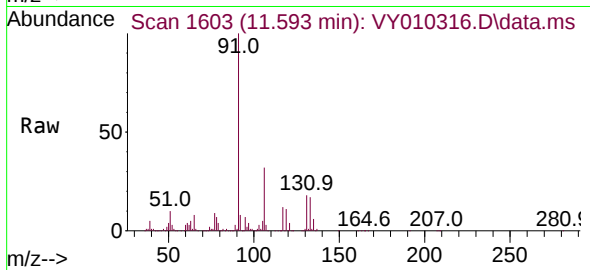
VSTDCCC050

Tgt Ion: 91 Resp: 921135

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 111.086 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY010316.D

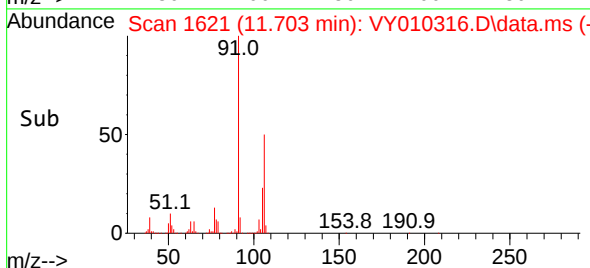
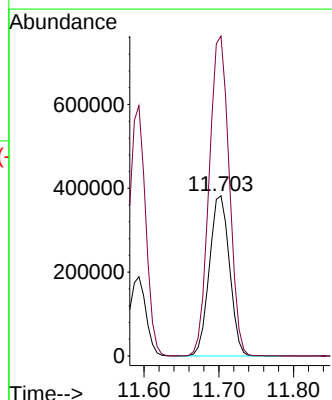
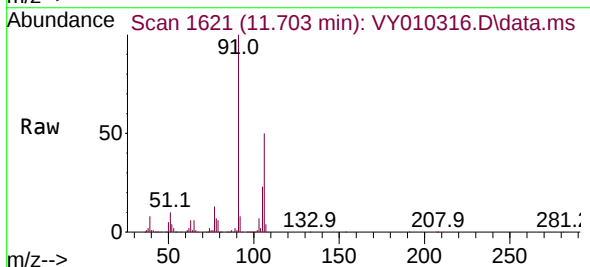
Acq: 03 Sep 2022 13:01

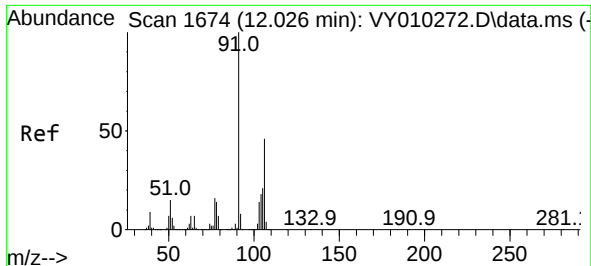
Tgt Ion:106 Resp: 712892

Ion Ratio Lower Upper

106 100

91 199.5 166.6 249.8

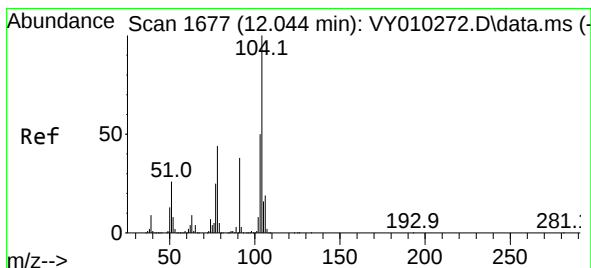
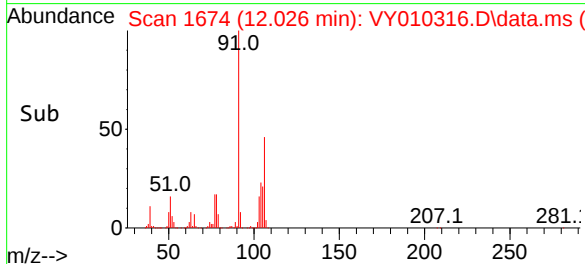
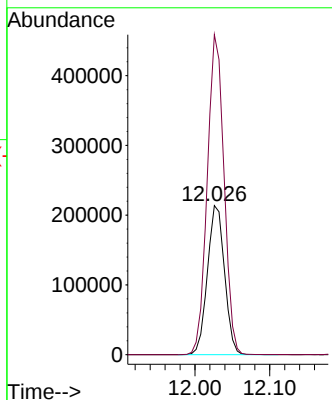
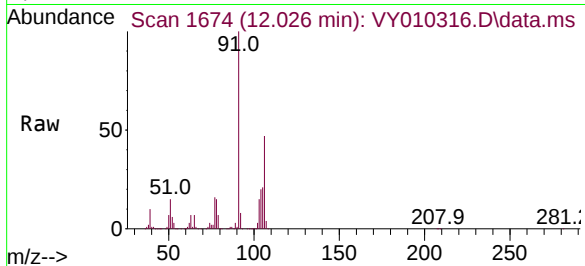




#69  
o-Xylene  
Concen: 54.536 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

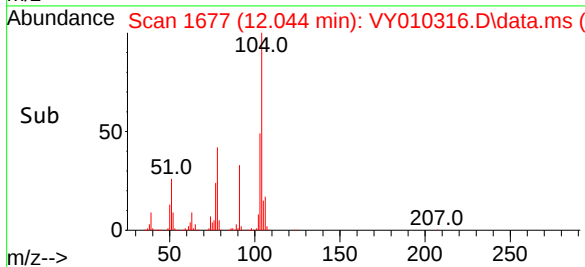
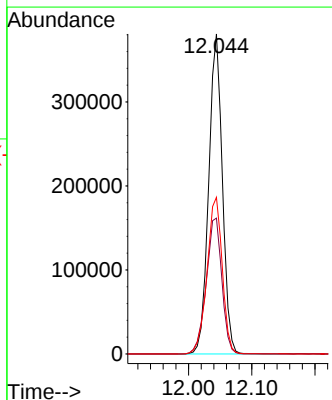
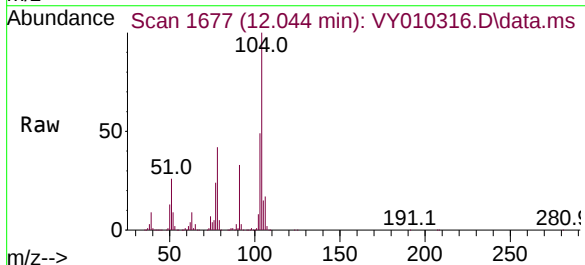
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

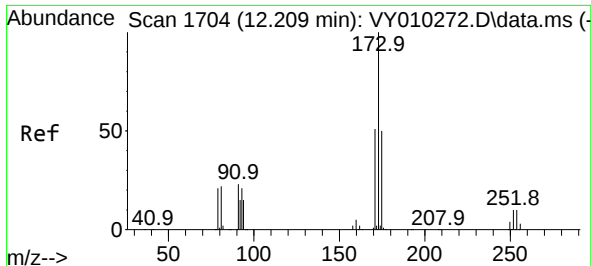
Tgt Ion:106 Resp: 339805  
Ion Ratio Lower Upper  
106 100  
91 210.5 110.3 331.0



#70  
Styrene  
Concen: 55.202 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion:104 Resp: 572952  
Ion Ratio Lower Upper  
104 100  
78 48.5 42.4 63.6  
103 54.5 44.4 66.6

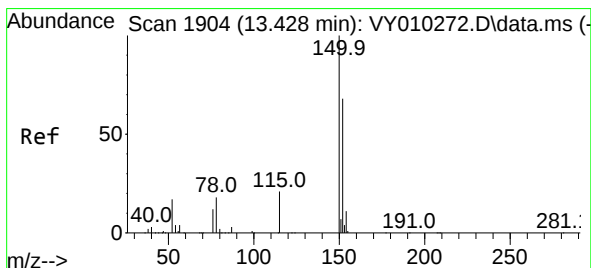
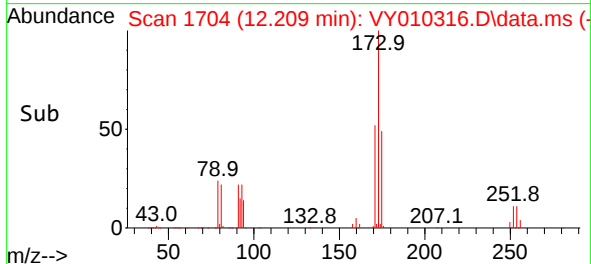
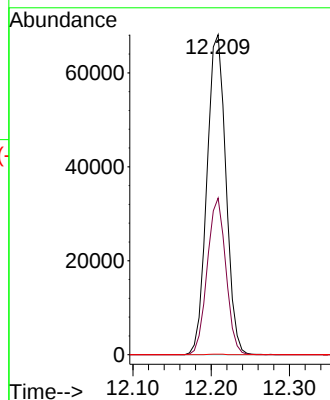
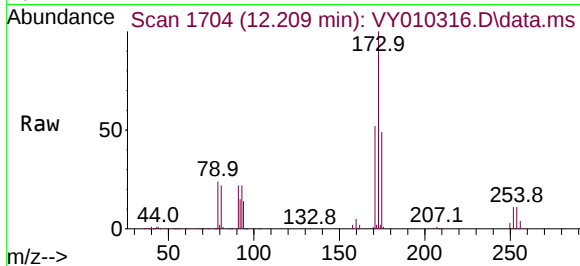




#71  
Bromoform  
Concen: 54.873 ug/l  
RT: 12.209 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

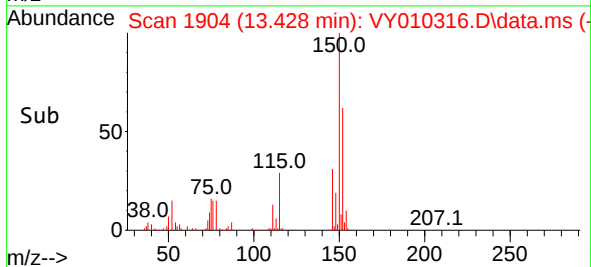
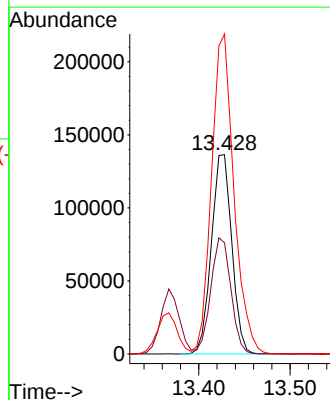
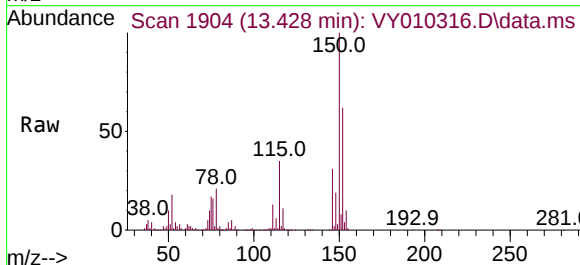
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

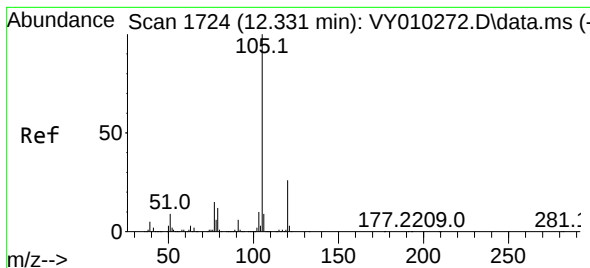
Tgt Ion:173 Resp: 114266  
Ion Ratio Lower Upper  
173 100  
175 47.9 24.6 74.0  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion:152 Resp: 212110  
Ion Ratio Lower Upper  
152 100  
115 57.4 28.2 84.7  
150 175.6 0.0 347.6





#73

Isopropylbenzene

Concen: 54.073 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

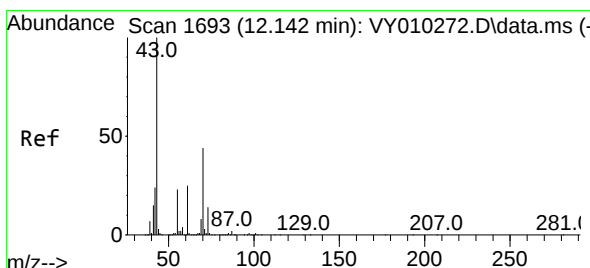
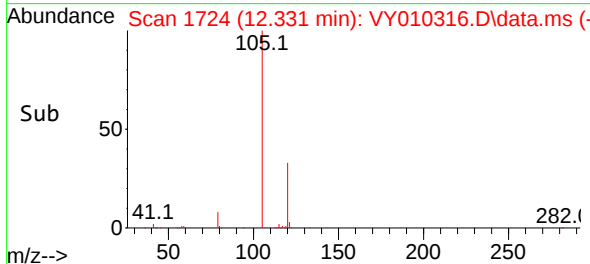
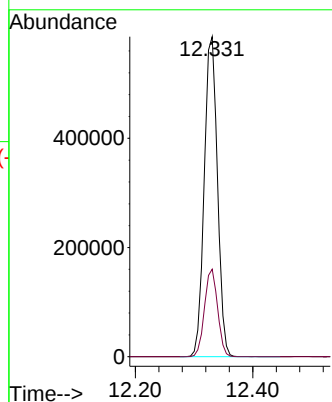
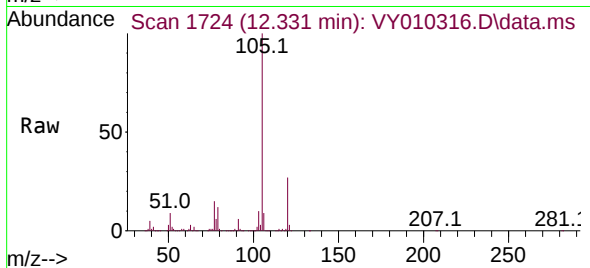
VSTDCCC050

Tgt Ion:105 Resp: 915067

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 49.732 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Tgt Ion: 43 Resp: 232186

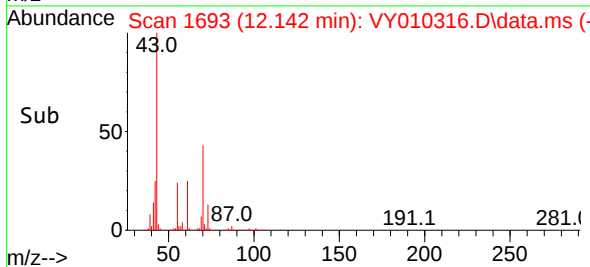
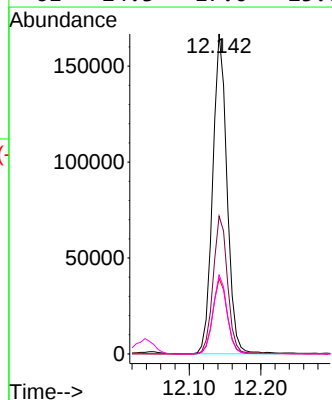
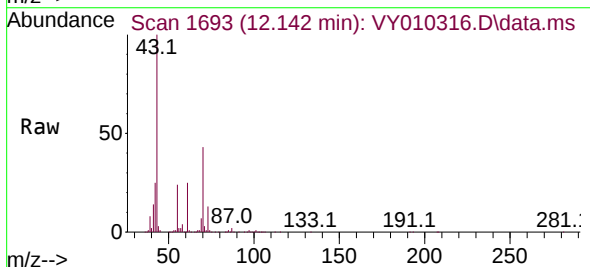
Ion Ratio Lower Upper

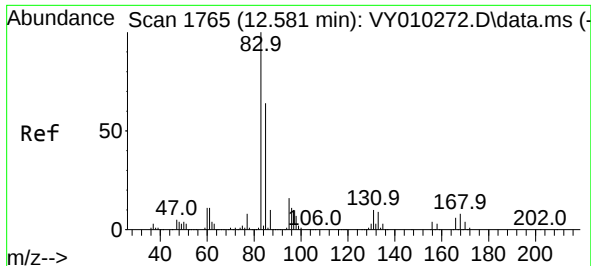
43 100

70 43.5 28.7 43.1#

55 24.1 17.3 25.9

61 24.3 17.0 25.6

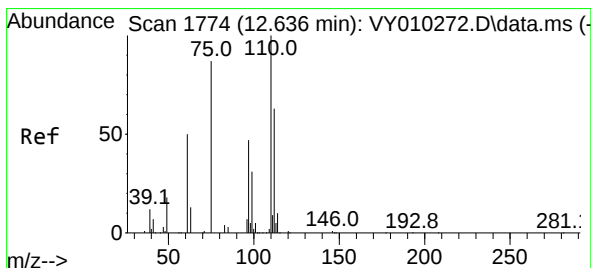
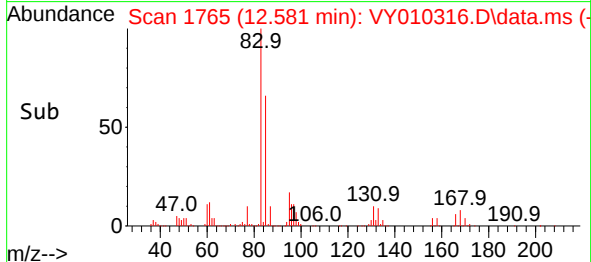
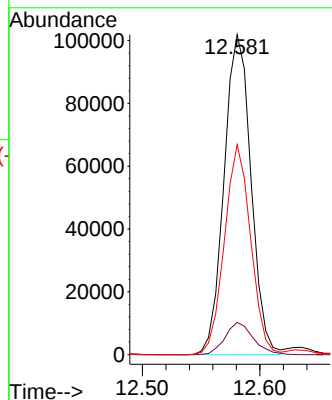
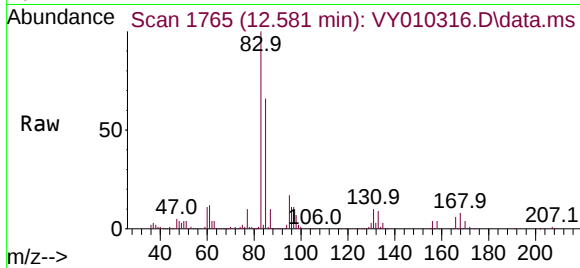




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 49.942 ug/l  
 RT: 12.581 min Scan# 1765  
 Delta R.T. -0.000 min  
 Lab File: VY010316.D  
 Acq: 03 Sep 2022 13:01

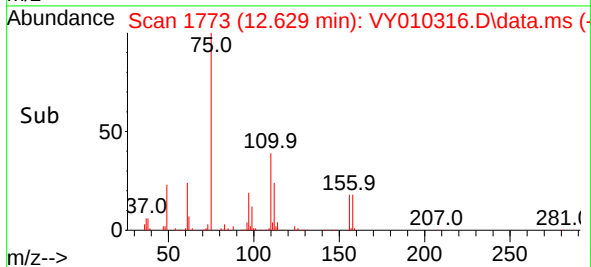
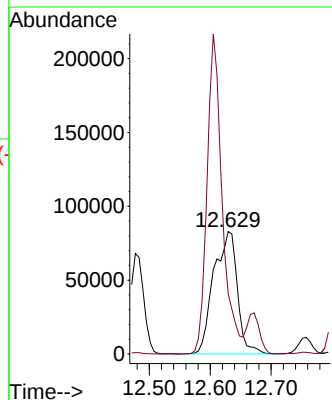
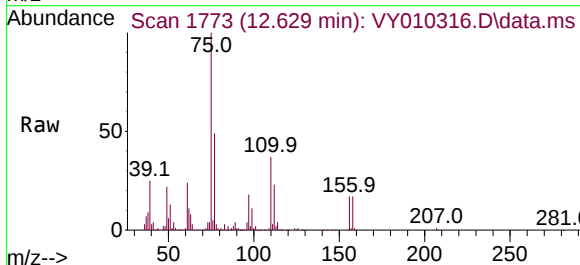
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

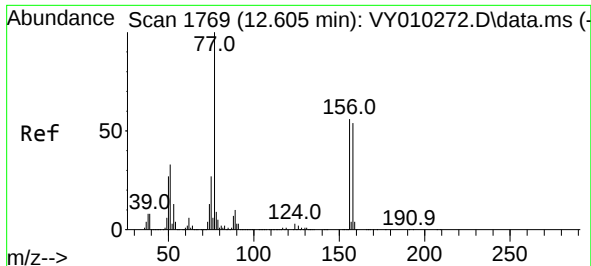
Tgt Ion: 83 Resp: 162423  
 Ion Ratio Lower Upper  
 83 100  
 131 10.6 5.6 16.8  
 85 63.9 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 88.541 ug/l  
 RT: 12.629 min Scan# 1773  
 Delta R.T. -0.007 min  
 Lab File: VY010316.D  
 Acq: 03 Sep 2022 13:01

Tgt Ion: 75 Resp: 223496  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

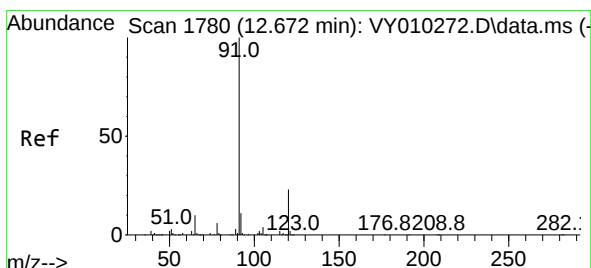
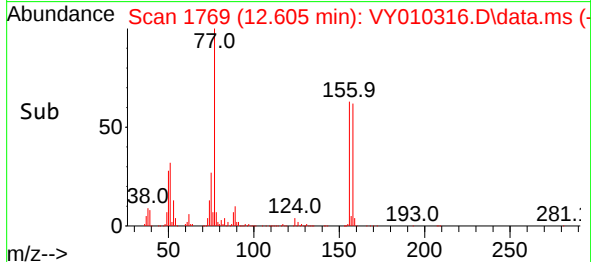
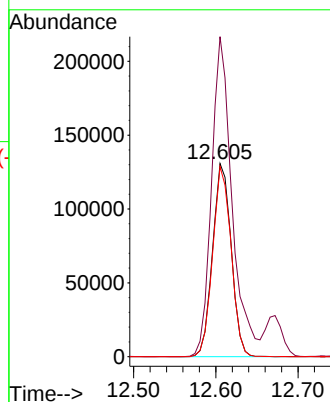
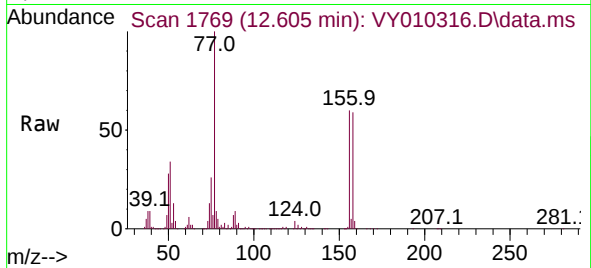




#77  
Bromobenzene  
Concen: 53.407 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

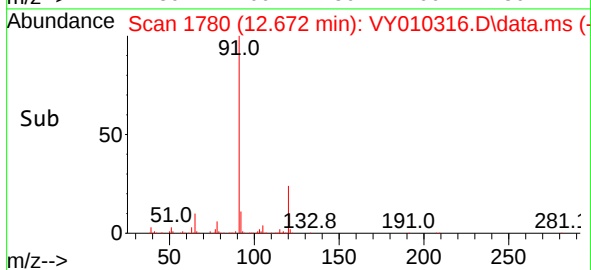
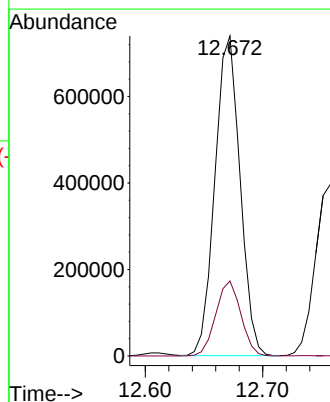
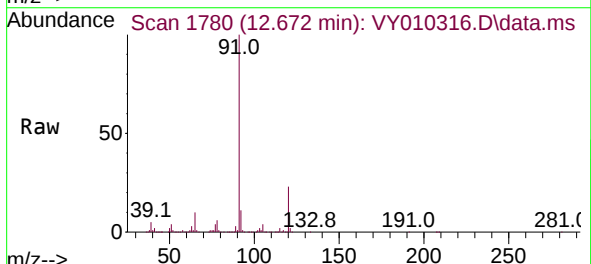
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

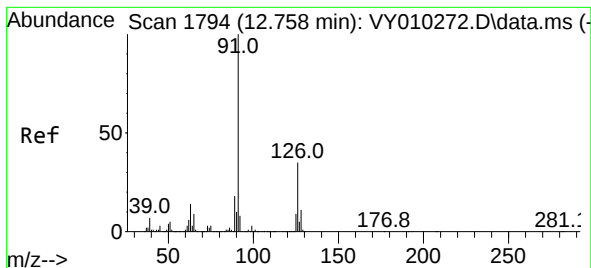
Tgt Ion:156 Resp: 205598  
Ion Ratio Lower Upper  
156 100  
77 183.1 95.5 286.4  
158 97.5 48.0 144.0



#78  
n-propylbenzene  
Concen: 54.086 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 91 Resp: 1098712  
Ion Ratio Lower Upper  
91 100  
120 23.4 11.3 33.9

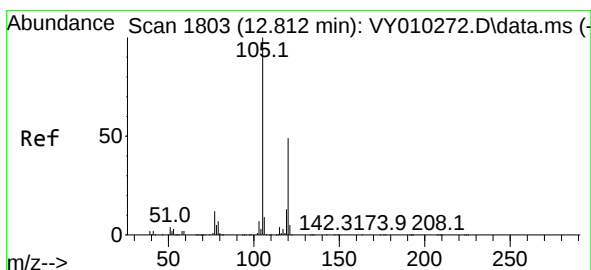
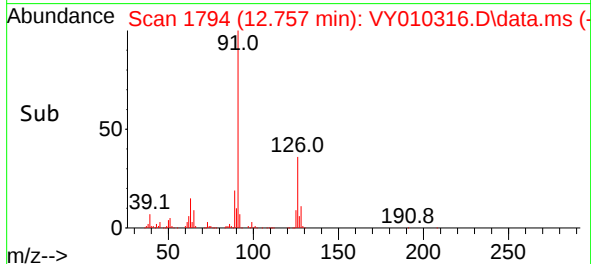
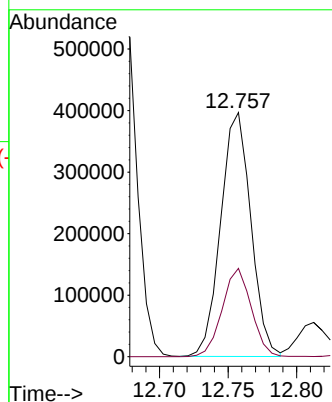
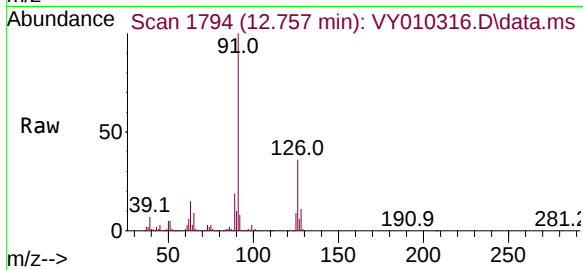




#79  
2-Chlorotoluene  
Concen: 52.951 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. -0.001 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

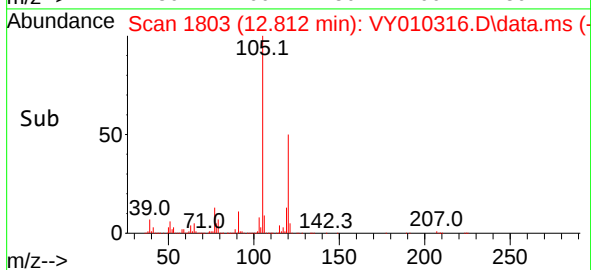
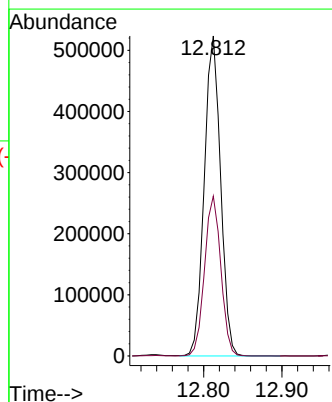
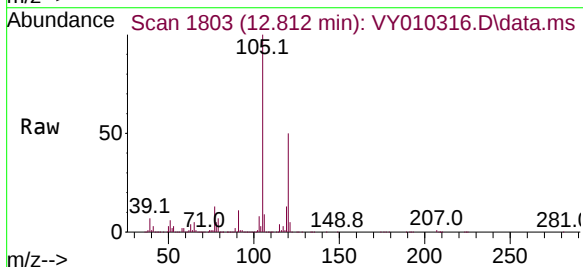
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

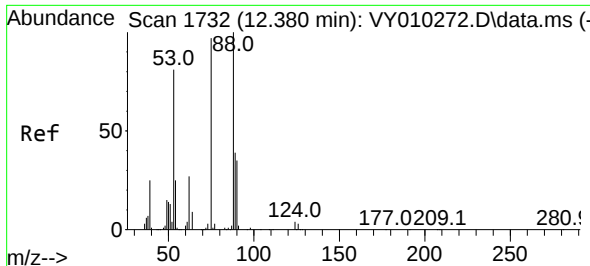
Tgt Ion: 91 Resp: 607961  
Ion Ratio Lower Upper  
91 100  
126 34.9 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 53.358 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 105 Resp: 756524  
Ion Ratio Lower Upper  
105 100  
120 49.7 24.4 73.4

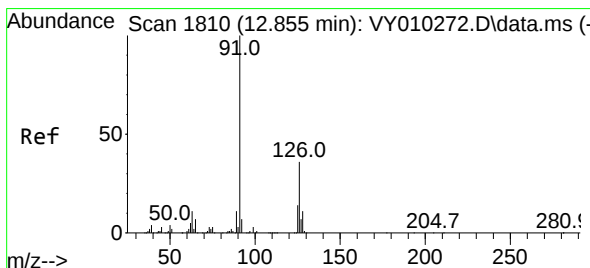
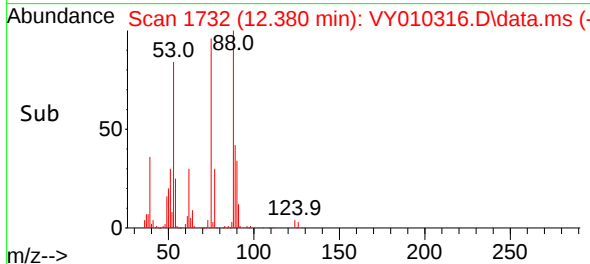
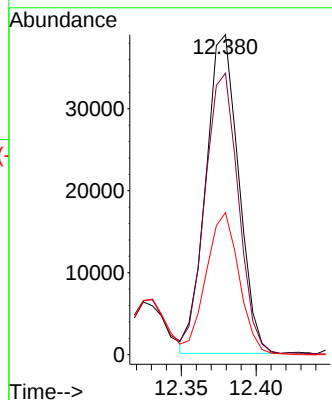
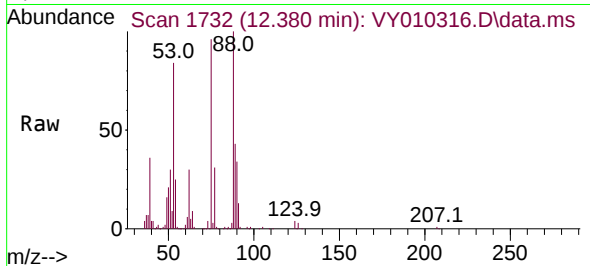




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.063 ug/l  
RT: 12.380 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

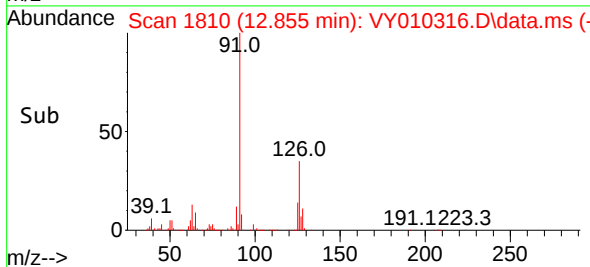
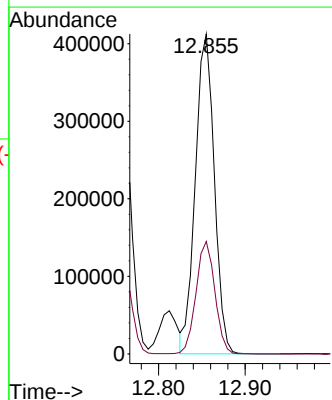
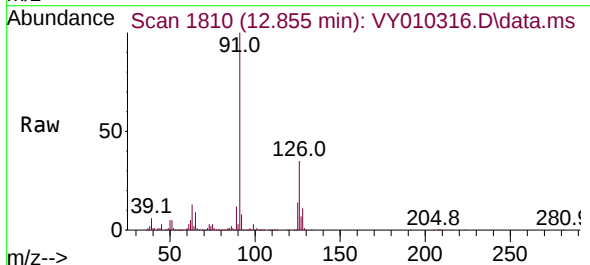
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

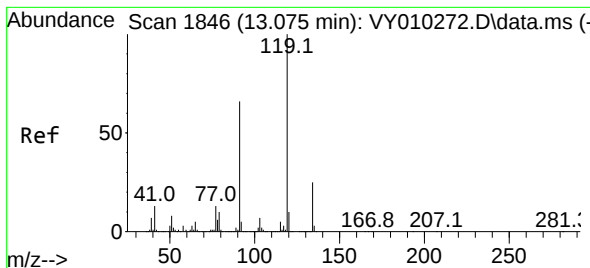
Tgt Ion: 75 Resp: 59366  
Ion Ratio Lower Upper  
75 100  
53 90.9 85.3 127.9  
89 45.1 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 53.008 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 91 Resp: 626673  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.0 51.0

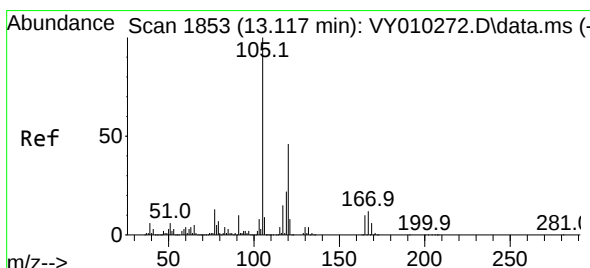
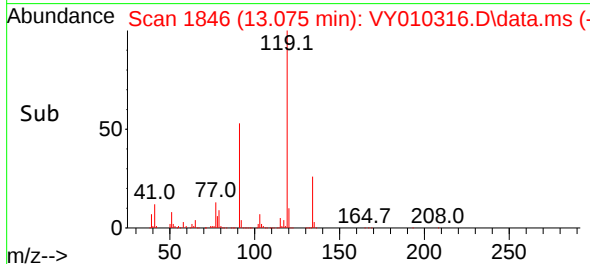
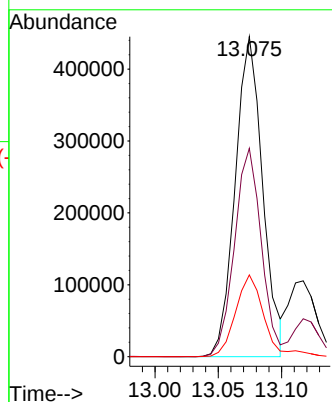
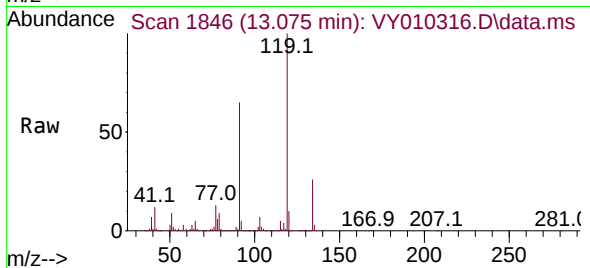




#83  
 tert-Butylbenzene  
 Concen: 54.659 ug/l  
 RT: 13.075 min Scan# 1846  
 Delta R.T. -0.000 min  
 Lab File: VY010316.D  
 Acq: 03 Sep 2022 13:01

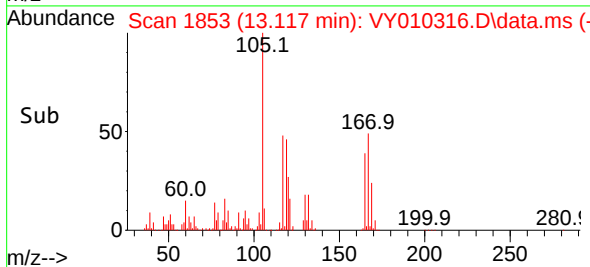
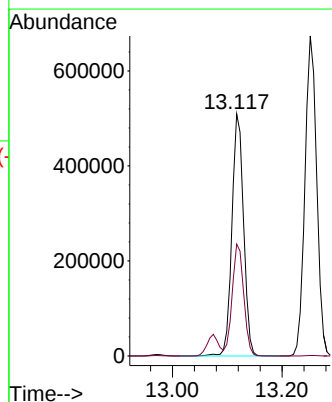
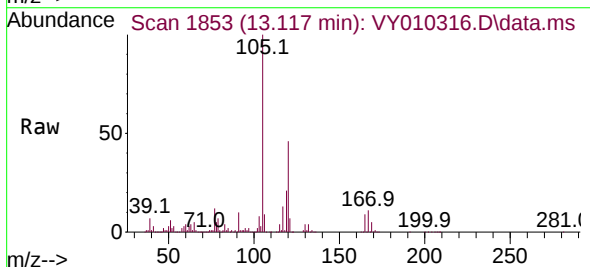
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

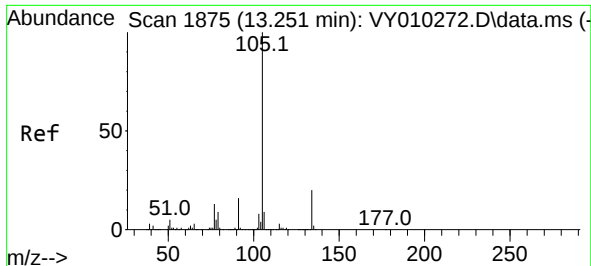
Tgt Ion:119 Resp: 673289  
 Ion Ratio Lower Upper  
 119 100  
 91 63.6 34.8 104.4  
 134 26.6 13.3 39.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 54.019 ug/l  
 RT: 13.117 min Scan# 1853  
 Delta R.T. 0.000 min  
 Lab File: VY010316.D  
 Acq: 03 Sep 2022 13:01

Tgt Ion:105 Resp: 752132  
 Ion Ratio Lower Upper  
 105 100  
 120 45.6 22.3 66.9

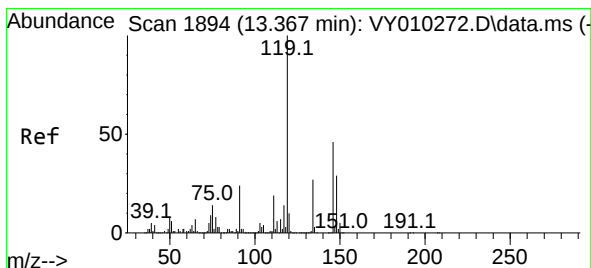
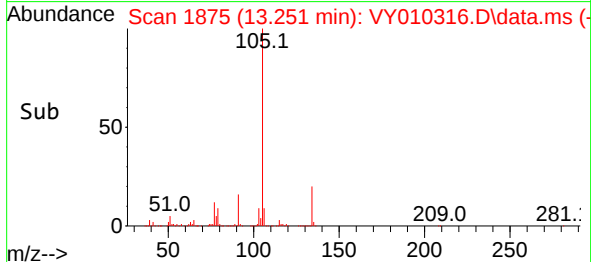
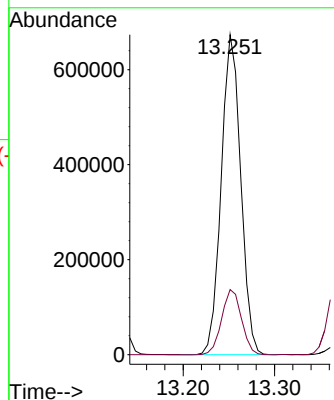
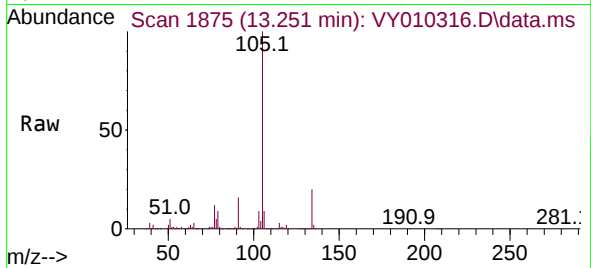




#85  
 sec-Butylbenzene  
 Concen: 54.844 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY010316.D  
 Acq: 03 Sep 2022 13:01

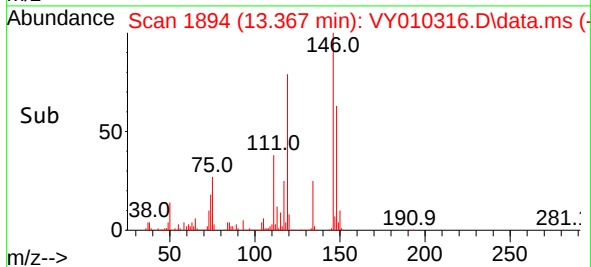
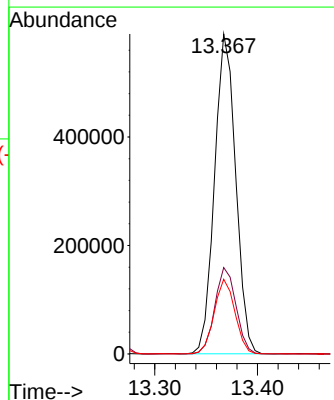
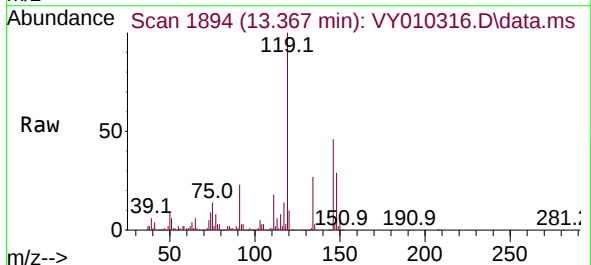
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

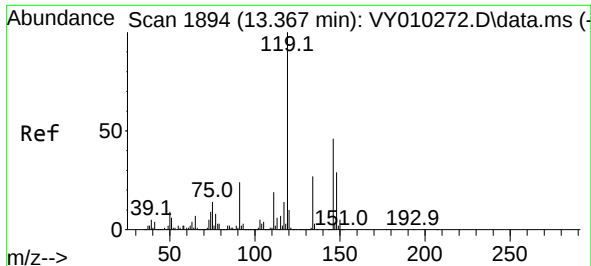
Tgt Ion:105 Resp: 999060  
 Ion Ratio Lower Upper  
 105 100  
 134 20.7 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 55.855 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY010316.D  
 Acq: 03 Sep 2022 13:01

Tgt Ion:119 Resp: 840453  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 13.2 39.5  
 91 22.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 54.983 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

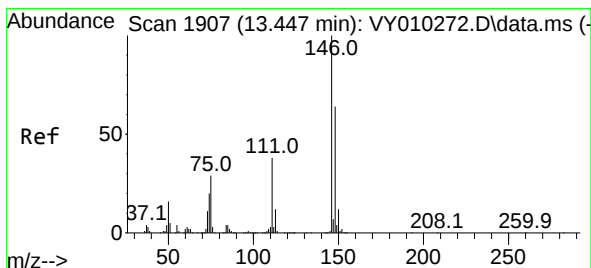
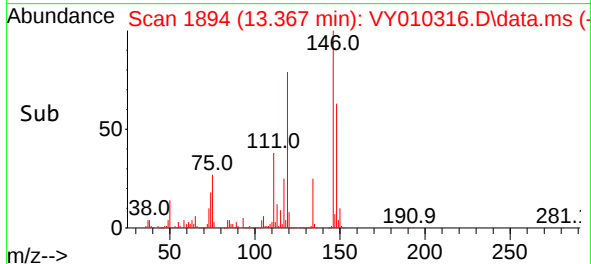
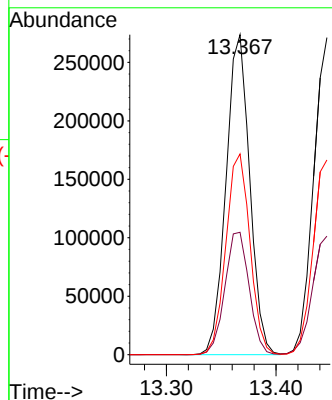
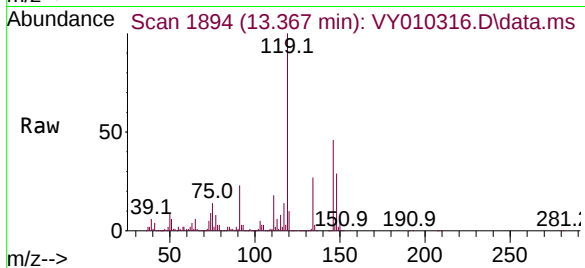
Tgt Ion:146 Resp: 410989

Ion Ratio Lower Upper

146 100

111 39.3 19.5 58.5

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 54.707 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

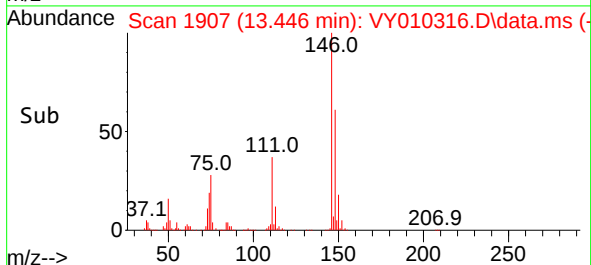
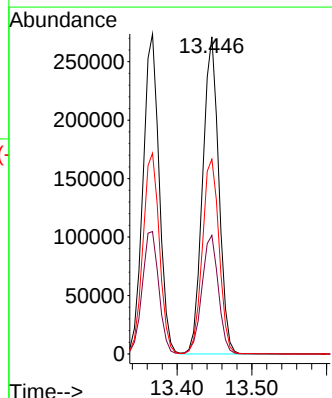
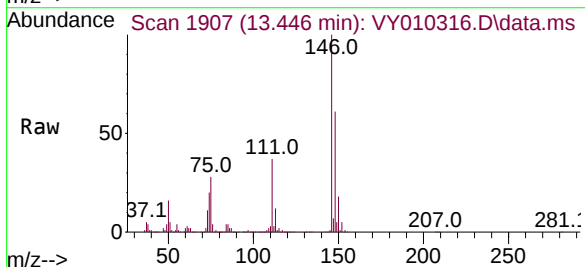
Tgt Ion:146 Resp: 406573

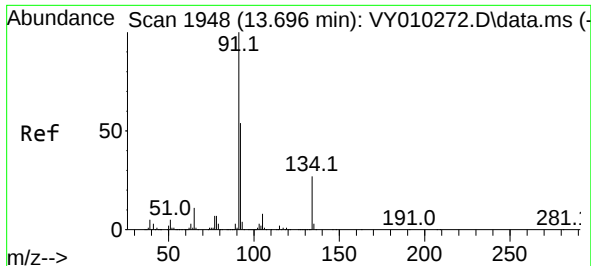
Ion Ratio Lower Upper

146 100

111 38.2 19.3 57.8

148 63.8 32.6 97.8

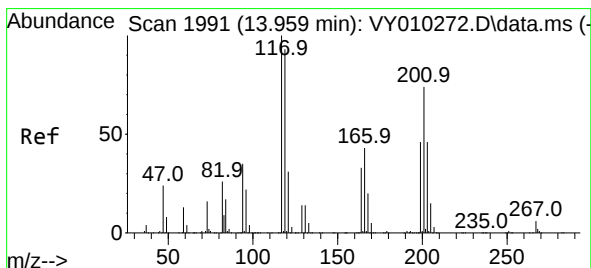
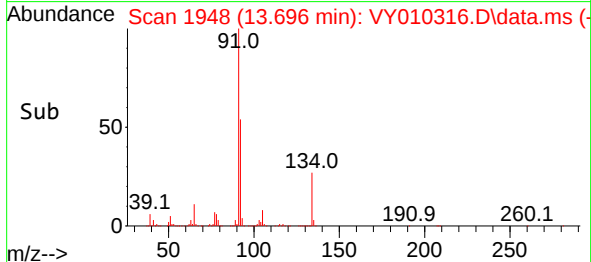
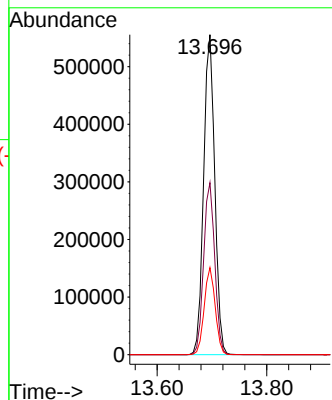
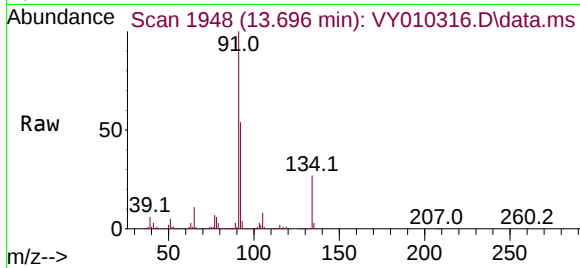




#89  
n-Butylbenzene  
Concen: 54.975 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

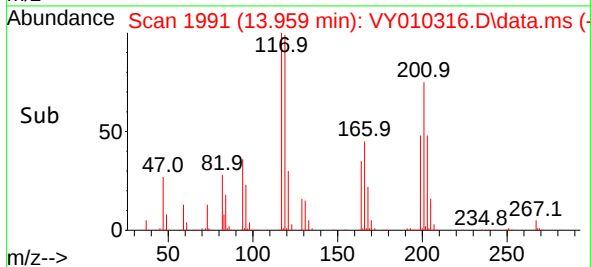
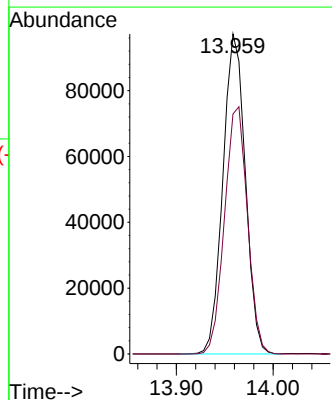
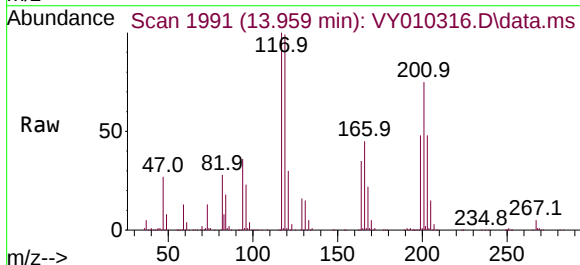
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

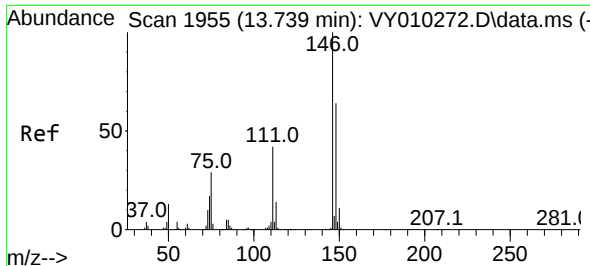
Tgt Ion: 91 Resp: 781982  
Ion Ratio Lower Upper  
91 100  
92 53.8 26.3 78.9  
134 26.9 13.0 38.9



#90  
Hexachloroethane  
Concen: 54.087 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 117 Resp: 156218  
Ion Ratio Lower Upper  
117 100  
201 79.0 43.0 128.8

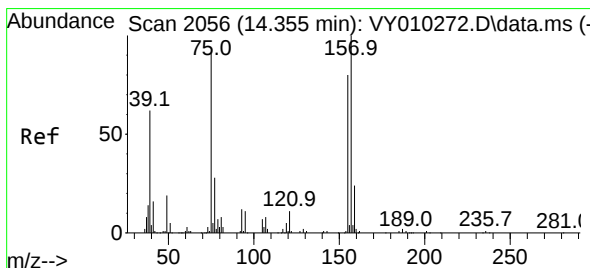
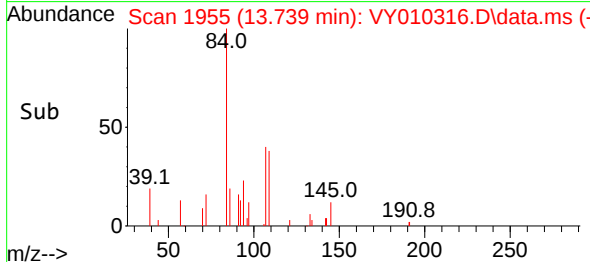
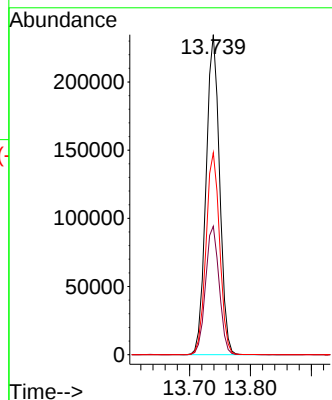
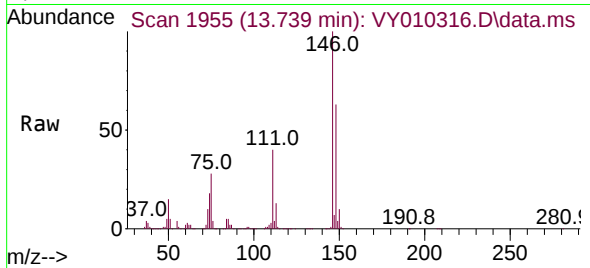




#91  
1,2-Dichlorobenzene  
Concen: 54.343 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

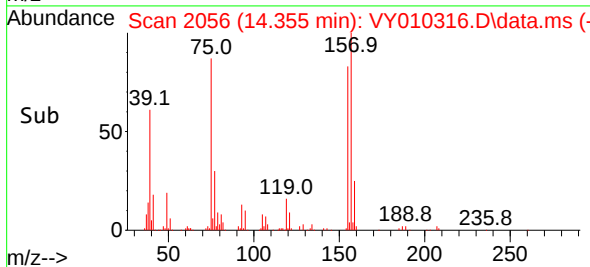
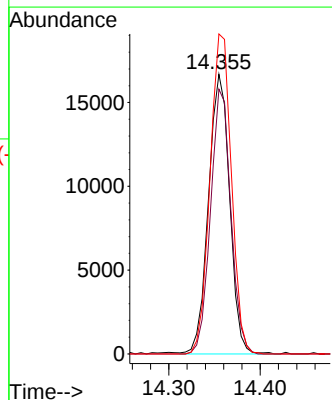
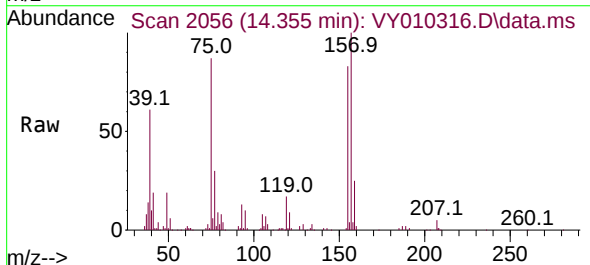
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

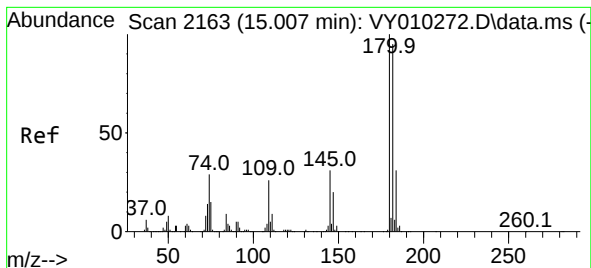
Tgt Ion:146 Resp: 362040  
Ion Ratio Lower Upper  
146 100  
111 40.4 20.3 60.9  
148 63.6 32.3 96.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.650 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY010316.D  
Acq: 03 Sep 2022 13:01

Tgt Ion: 75 Resp: 26734  
Ion Ratio Lower Upper  
75 100  
155 91.0 38.0 113.9  
157 115.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 53.918 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

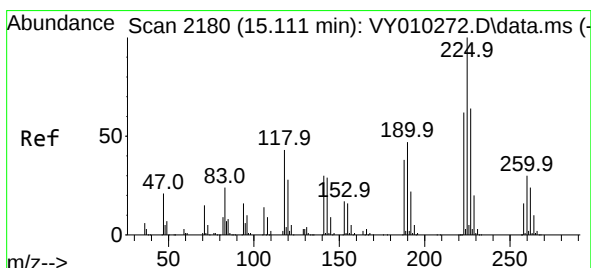
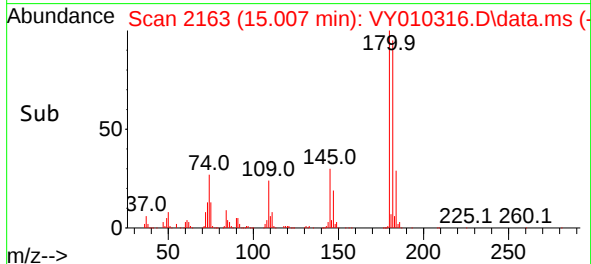
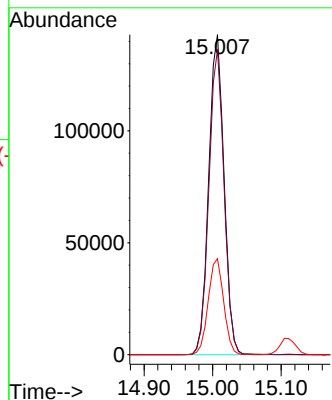
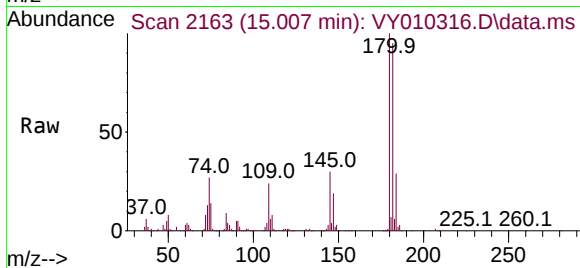
Tgt Ion:180 Resp: 222335

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 30.4 14.6 43.8



#94

Hexachlorobutadiene

Concen: 56.087 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

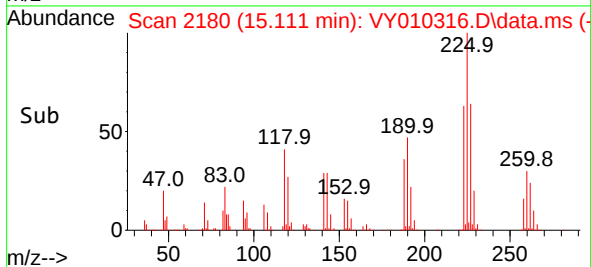
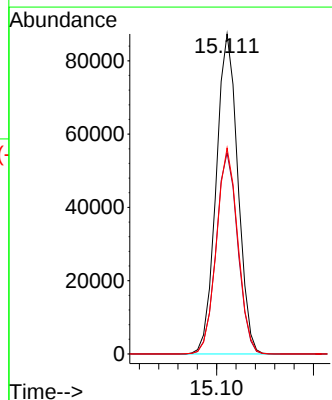
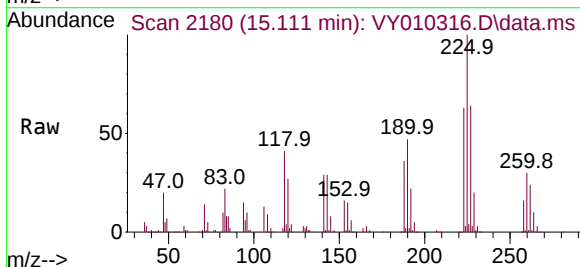
Tgt Ion:225 Resp: 135557

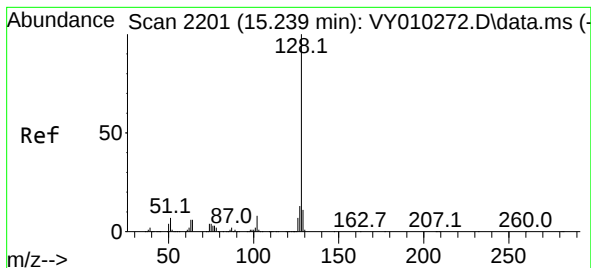
Ion Ratio Lower Upper

225 100

223 62.6 30.8 92.3

227 63.5 31.6 94.7





#95

Naphthalene

Concen: 50.350 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

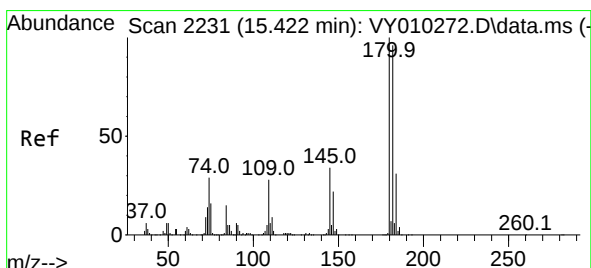
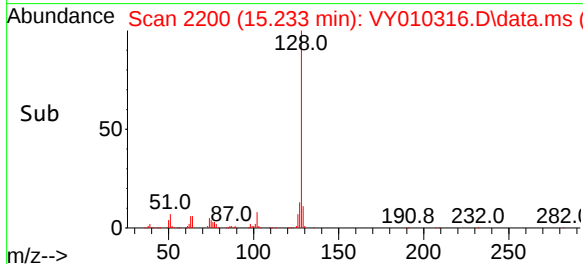
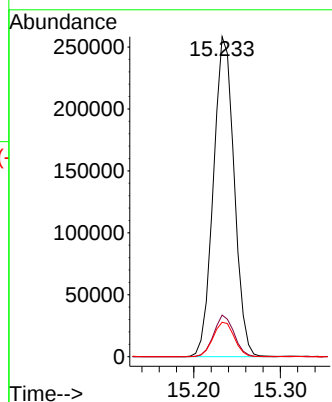
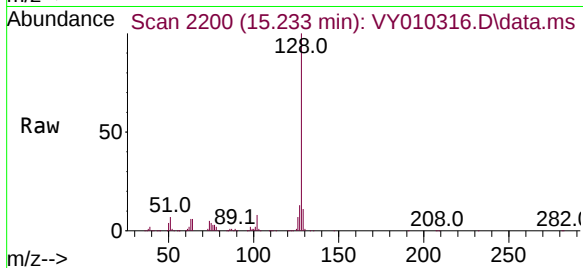
Tgt Ion:128 Resp: 430808

Ion Ratio Lower Upper

128 100

127 12.7 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 53.397 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010316.D

Acq: 03 Sep 2022 13:01

Tgt Ion:180 Resp: 186488

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.9

145 32.4 15.3 45.9

