

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081821\  
 Data File : VY005732.D  
 Acq On : 18 Aug 2021 12:16  
 Operator : SY/MD  
 Sample : M3390-06MSD  
 Misc : 5.26G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SWCS-03-1015MSD

Quant Time: Aug 19 05:16:23 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.801  | 168  | 2754     | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 4087     | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 3598     | 50.000 | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4 | 13.434 | 152  | 1134     | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 1708     | 61.268   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 122.540% |      |
| 35) Dibromofluoromethane    | 7.728  | 113   | 1241     | 54.234   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 108.460% |      |
| 50) Toluene-d8              | 10.179 | 98    | 4687     | 48.840   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 97.680%  |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 1198     | 37.698   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 75.400%  |      |

|                              |       |     |      |         |      |      |
|------------------------------|-------|-----|------|---------|------|------|
| Target Compounds             |       |     |      | Qvalue  |      |      |
| 2) Dichlorodifluoromethane   | 1.912 | 85  | 1527 | 67.508  | ug/l | 94   |
| 3) Chloromethane             | 2.119 | 50  | 1007 | 37.269  | ug/l | # 87 |
| 4) Vinyl Chloride            | 2.253 | 62  | 2285 | 70.604  | ug/l | # 87 |
| 5) Bromomethane              | 2.674 | 94  | 461  | 21.641  | ug/l | 83   |
| 6) Chloroethane              | 2.796 | 64  | 902  | 46.173  | ug/l | 94   |
| 7) Trichlorofluoromethane    | 3.143 | 101 | 3059 | 70.596  | ug/l | 95   |
| 8) Diethyl Ether             | 3.521 | 74  | 1041 | 68.785  | ug/l | 82   |
| 9) 1,1,2-Trichlorotrifluo... | 3.918 | 101 | 1717 | 73.052  | ug/l | 96   |
| 10) Methyl Iodide            | 4.113 | 142 | 3444 | 117.615 | ug/l | # 96 |
| 11) Tert butyl alcohol       | 4.942 | 59  | 78   | 28.303  | ug/l | # 73 |
| 12) 1,1-Dichloroethene       | 3.881 | 96  | 2781 | 117.174 | ug/l | 85   |
| 13) Acrolein                 | 3.741 | 56  | 596  | 358.446 | ug/l | # 81 |
| 14) Allyl chloride           | 4.485 | 41  | 1230 | 29.589  | ug/l | # 87 |
| 15) Acrylonitrile            | 5.161 | 53  | 2212 | 285.195 | ug/l | # 84 |
| 16) Acetone                  | 3.948 | 43  | 4251 | 604.818 | ug/l | 100  |
| 17) Carbon Disulfide         | 4.198 | 76  | 3979 | 54.386  | ug/l | # 93 |
| 18) Methyl Acetate           | 4.473 | 43  | 1247 | 67.837  | ug/l | # 72 |
| 19) Methyl tert-butyl Ether  | 5.228 | 73  | 1212 | 16.484  | ug/l | # 80 |
| 20) Methylene Chloride       | 4.710 | 84  | 2416 | 91.792  | ug/l | # 71 |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 1531 | 57.697  | ug/l | 85   |
| 22) Diisopropyl ether        | 6.125 | 45  | 4956 | 57.790  | ug/l | 96   |
| 23) Vinyl Acetate            | 6.125 | 43  | 2825 | 49.499  | ug/l | # 72 |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 2664 | 56.053  | ug/l | # 83 |
| 25) 2-Butanone               | 6.990 | 43  | 3130 | 301.263 | ug/l | # 86 |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 85   | 1.958   | ug/l | # 53 |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 2004 | 66.403  | ug/l | 84   |
| 28) Bromochloromethane       | 7.338 | 49  | 1138 | 59.993  | ug/l | # 88 |
| 29) Tetrahydrofuran          | 7.362 | 42  | 2315 | 336.881 | ug/l | 94   |
| 30) Chloroform               | 7.509 | 83  | 3038 | 62.628  | ug/l | # 81 |
| 31) Cyclohexane              | 7.789 | 56  | 2557 | 53.474  | ug/l | 92   |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 1620 | 36.330  | ug/l | 97   |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 2014 | 52.539  | ug/l | 98   |
| 37) Ethyl Acetate            | 7.082 | 43  | 706  | 30.401  | ug/l | # 69 |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 1504 | 36.100  | ug/l | 92   |
| 39) Methylcyclohexane        | 9.191 | 83  | 2501 | 51.282  | ug/l | # 86 |
| 40) Benzene                  | 8.161 | 78  | 6330 | 57.665  | ug/l | 92   |

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 Sample : M3390-06MSD  
 Misc : 5.26G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SWCS-03-1015MSD

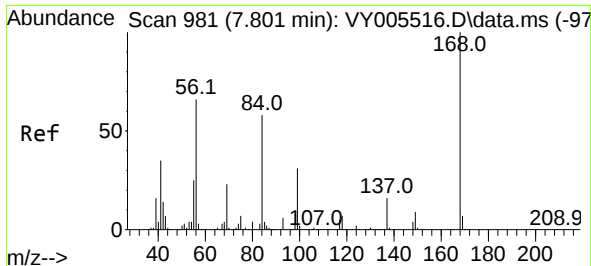
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.356  | 41   | 1955     | 155.155  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 2022     | 56.787   | ug/l   | 89       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 341      | 7.756    | ug/l # | 63       |
| 44) Trichloroethene           | 8.941  | 130  | 2535     | 84.613   | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.228  | 63   | 1451     | 52.836   | ug/l   | 95       |
| 46) Dibromomethane            | 9.307  | 93   | 763      | 50.247   | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.496  | 83   | 1976     | 51.995   | ug/l # | 98       |
| 48) Methyl methacrylate       | 9.301  | 41   | 660      | 33.216   | ug/l # | 83       |
| 49) 1,4-Dioxane               | 9.289  | 88   | 322      | 1525.802 | ug/l # | 72       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 5871     | 253.563  | ug/l   | 95       |
| 52) Toluene                   | 10.246 | 92   | 3670     | 52.433   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 175      | 3.797    | ug/l # | 65       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 1251     | 56.939   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 594      | 18.055   | ug/l # | 86       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 1113     | 28.727   | ug/l   | 93       |
| 59) 2-Hexanone                | 10.831 | 43   | 3110     | 190.038  | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.984 | 129  | 973      | 35.785   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 404      | 19.412   | ug/l # | 74       |
| 64) Tetrachloroethene         | 10.721 | 164  | 2750     | 100.411  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.520 | 112  | 3828     | 52.870   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 807      | 29.614   | ug/l   | 86       |
| 67) Ethyl Benzene             | 11.593 | 91   | 6192     | 47.163   | ug/l # | 87       |
| 68) m/p-Xylenes               | 11.709 | 106  | 4872     | 95.541   | ug/l   | 95       |
| 69) o-Xylene                  | 12.026 | 106  | 2309     | 47.111   | ug/l   | 95       |
| 70) Styrene                   | 12.044 | 104  | 3236     | 39.225   | ug/l   | 94       |
| 71) Bromoform                 | 12.209 | 173  | 449      | 25.407   | ug/l # | 91       |
| 73) Isopropylbenzene          | 12.331 | 105  | 5915     | 74.726   | ug/l   | 96       |
| 74) N-amyl acetate            | 12.148 | 43   | 633      | 26.565   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 440      | 28.900   | ug/l # | 82       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 1021     | 86.882   | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 1411     | 72.554   | ug/l   | 90       |
| 78) n-propylbenzene           | 12.672 | 91   | 6047     | 64.321   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 3472     | 65.769   | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 3808     | 57.968   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.325 | 75   | 82       | 14.066   | ug/l # | 63       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 2948     | 53.971   | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 3901     | 66.178   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 3292     | 50.787   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 4708     | 55.374   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 3682     | 50.441   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 1896     | 49.965   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 1559     | 41.414   | ug/l   | 93       |
| 89) n-Butylbenzene            | 13.696 | 91   | 2097     | 31.710   | ug/l   | 96       |
| 90) Hexachloroethane          | 13.959 | 117  | 111      | 8.458    | ug/l # | 22       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 1341     | 40.008   | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 30       | 10.394   | ug/l # | 1        |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 311      | 13.507   | ug/l   | 89       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 340      | 22.806   | ug/l # | 72       |
| 95) Naphthalene               | 15.239 | 128  | 565      | 12.448   | ug/l # | 77       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 104      | 5.098    | ug/l # | 1        |

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

**Instrument :**  
MSVOA\_Y  
**ClientSampleId :**  
SWCS-03-1015MSD

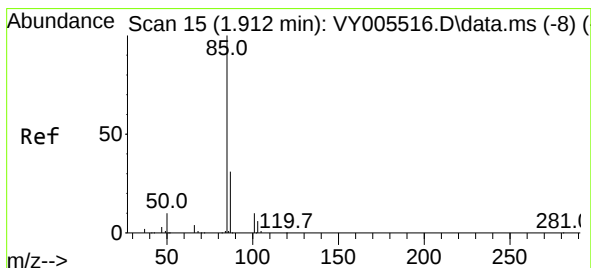
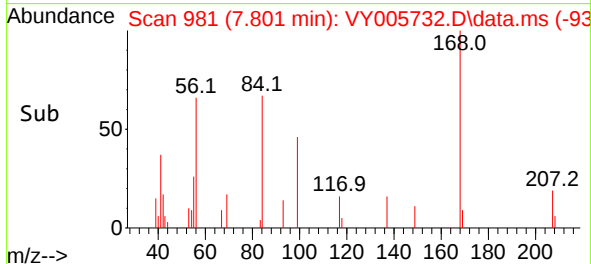
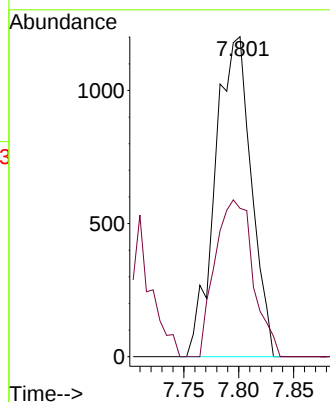
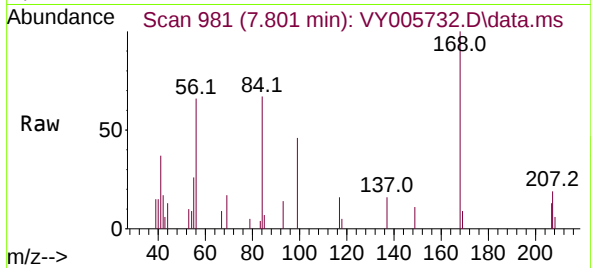




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

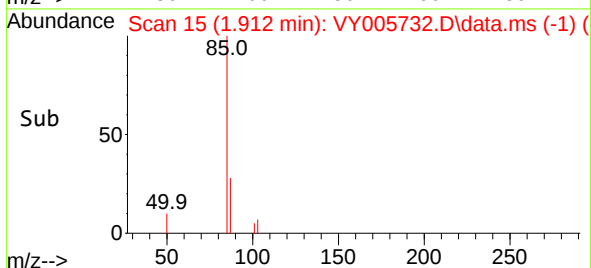
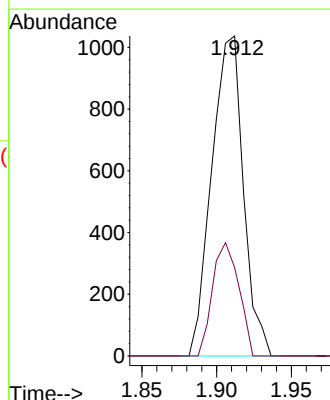
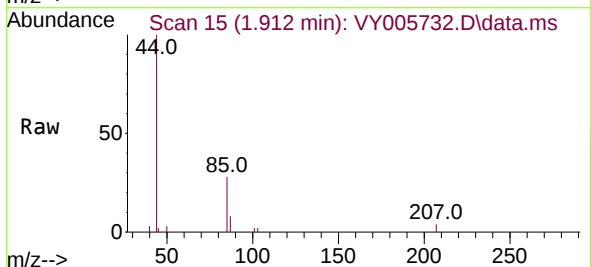
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

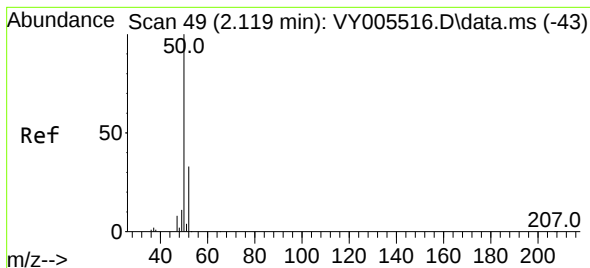
Tgt Ion:168 Resp: 2754  
Ion Ratio Lower Upper  
168 100  
99 46.3 38.9 58.3



#2  
Dichlorodifluoromethane  
Concen: 67.508 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 85 Resp: 1527  
Ion Ratio Lower Upper  
85 100  
87 27.7 15.4 46.2

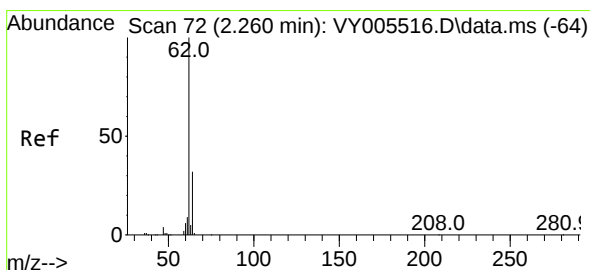
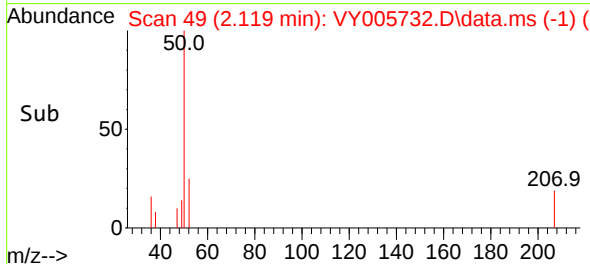
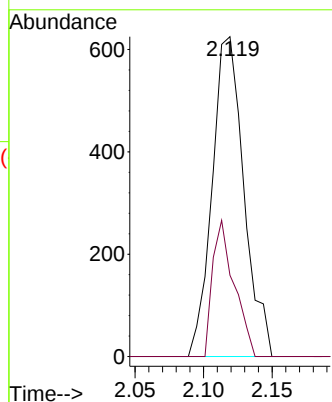
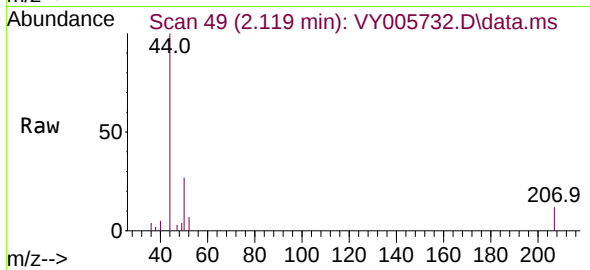




#3  
Chloromethane  
Concen: 37.269 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

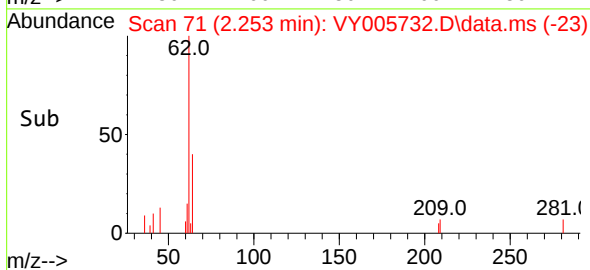
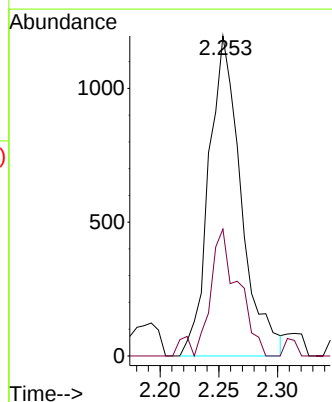
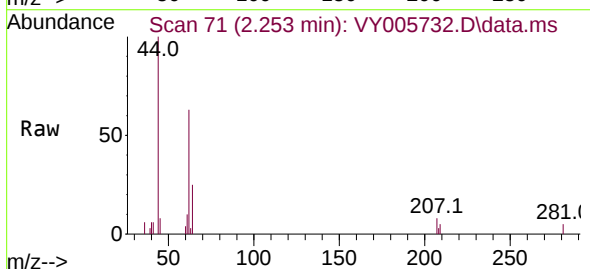
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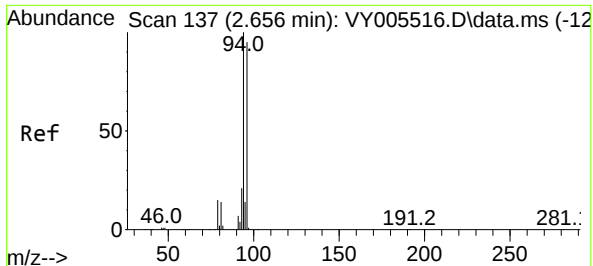
Tgt Ion: 50 Resp: 1007  
Ion Ratio Lower Upper  
50 100  
52 25.4 26.4 39.6#



#4  
Vinyl Chloride  
Concen: 70.604 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 62 Resp: 2285  
Ion Ratio Lower Upper  
62 100  
64 39.6 25.9 38.9#

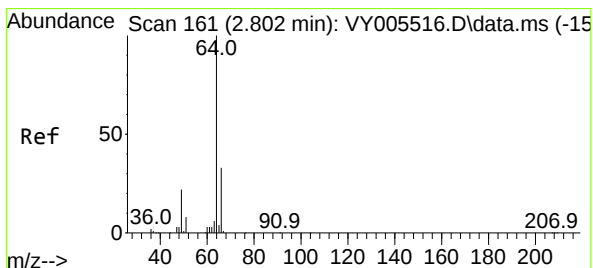
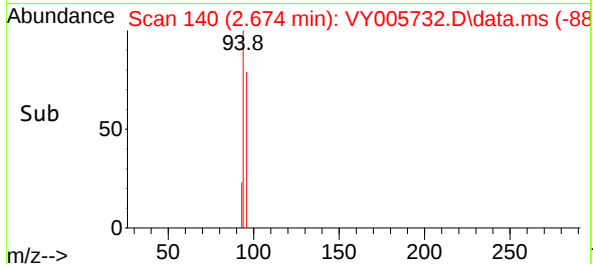
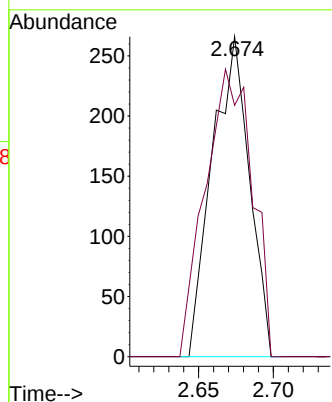
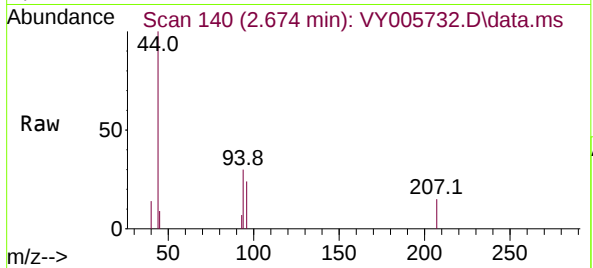




#5  
Bromomethane  
Concen: 21.641 ug/l  
RT: 2.674 min Scan# 140  
Delta R.T. 0.018 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

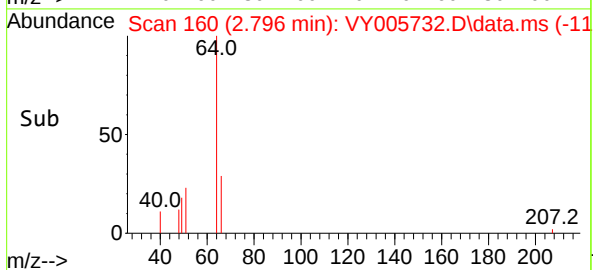
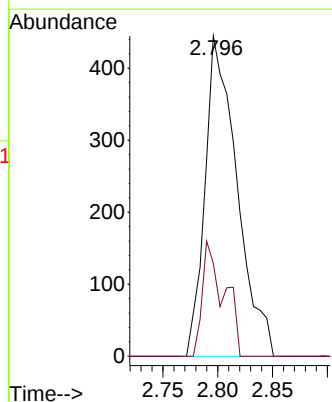
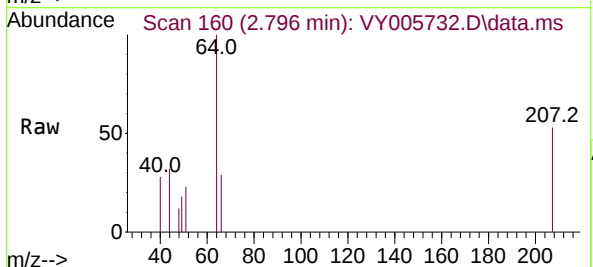
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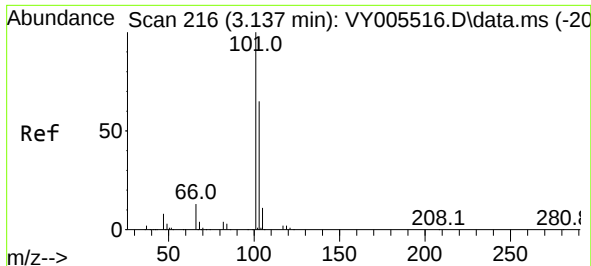
Tgt Ion: 94 Resp: 461  
Ion Ratio Lower Upper  
94 100  
96 78.6 75.7 113.5



#6  
Chloroethane  
Concen: 46.173 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 64 Resp: 902  
Ion Ratio Lower Upper  
64 100  
66 29.0 26.1 39.1

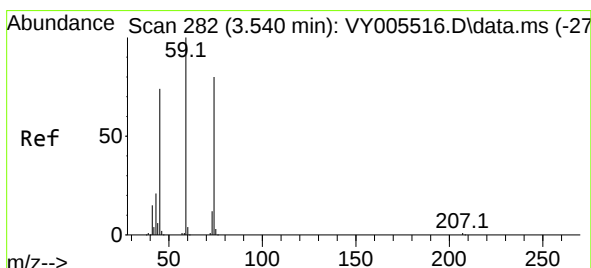
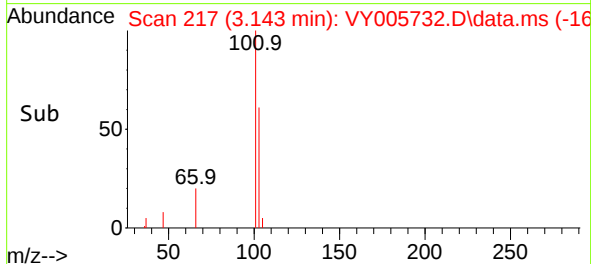
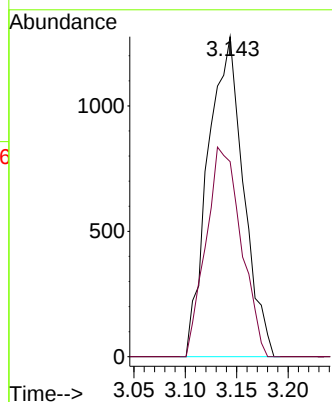
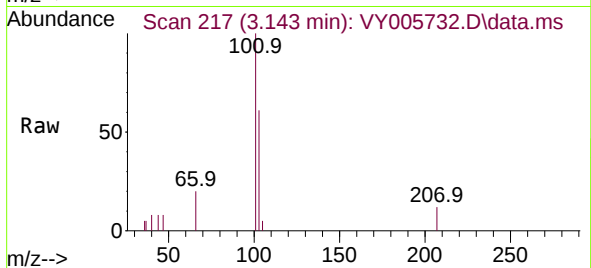




#7  
Trichlorofluoromethane  
Concen: 70.596 ug/l  
RT: 3.143 min Scan# 217  
Delta R.T. 0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

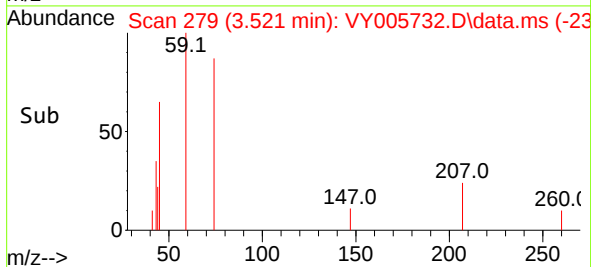
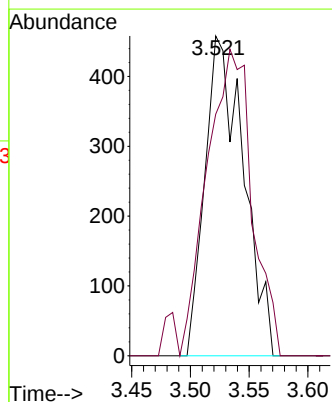
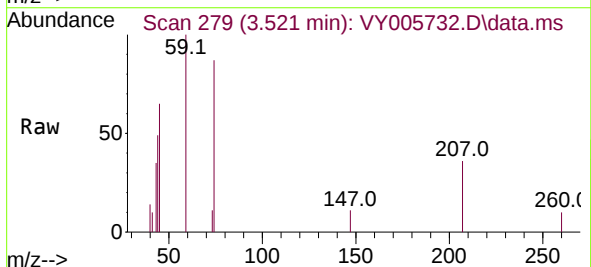
Instrument :  
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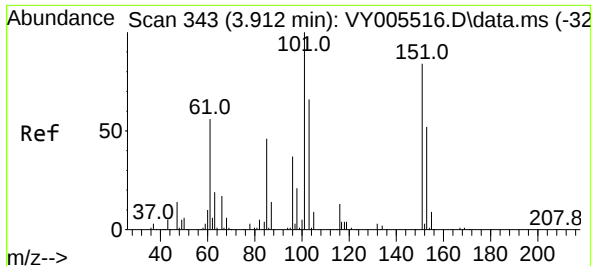
Tgt Ion:101 Resp: 3059  
Ion Ratio Lower Upper  
101 100  
103 61.0 52.2 78.4



#8  
Diethyl Ether  
Concen: 68.785 ug/l  
RT: 3.521 min Scan# 279  
Delta R.T. -0.018 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 74 Resp: 1041  
Ion Ratio Lower Upper  
74 100  
45 111.9 47.2 141.6

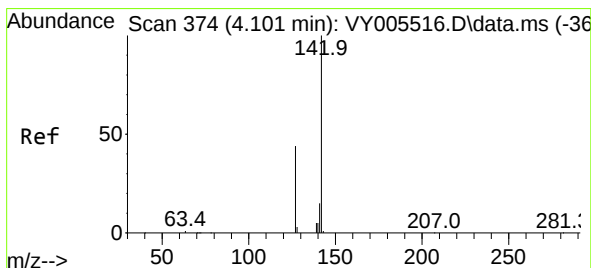
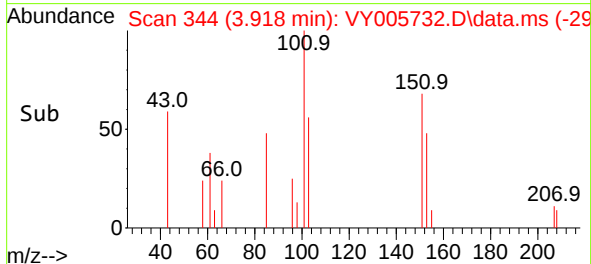
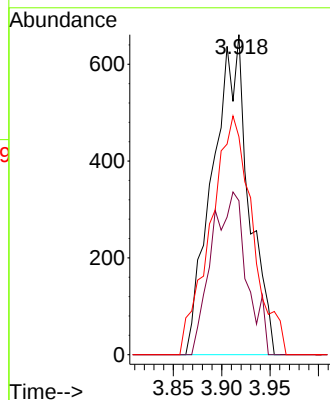
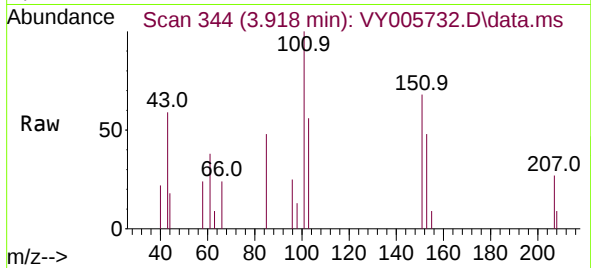




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 73.052 ug/l  
RT: 3.918 min Scan# 344  
Delta R.T. 0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

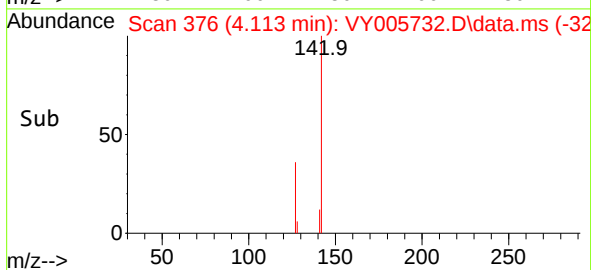
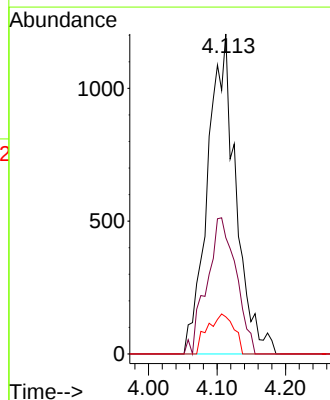
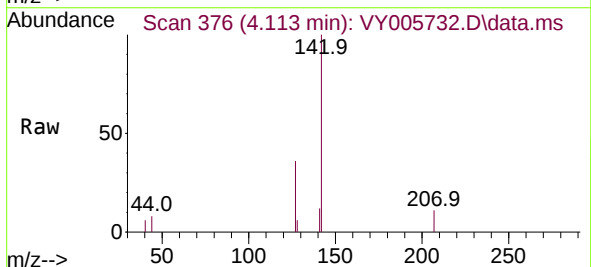
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

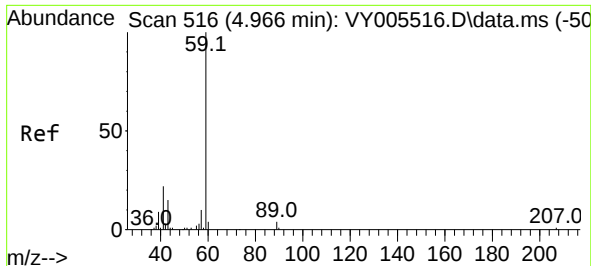
Tgt Ion:101 Resp: 1717  
Ion Ratio Lower Upper  
101 100  
85 49.6 36.3 54.5  
151 86.8 67.6 101.4



#10  
Methyl Iodide  
Concen: 117.615 ug/l  
RT: 4.113 min Scan# 376  
Delta R.T. 0.012 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

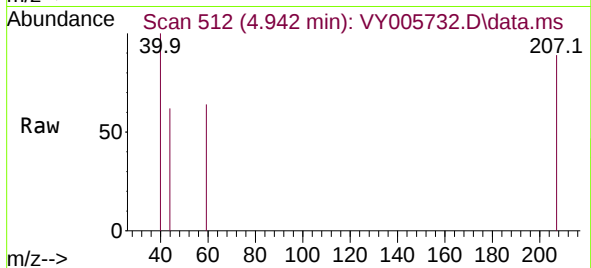
Tgt Ion:142 Resp: 3444  
Ion Ratio Lower Upper  
142 100  
127 44.0 36.6 54.8  
141 11.7 12.2 18.4#



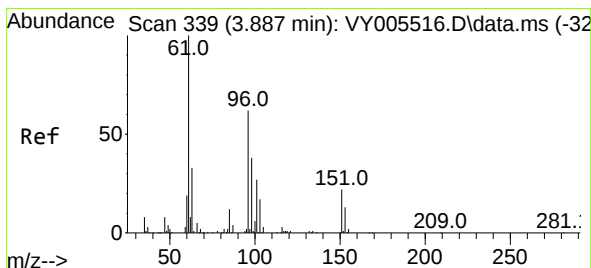
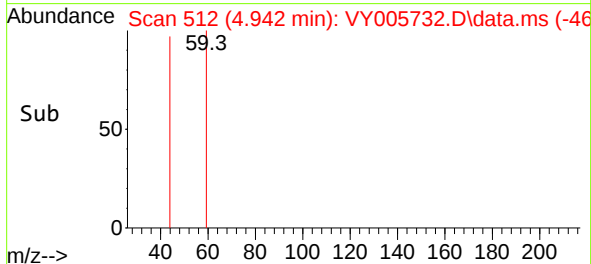
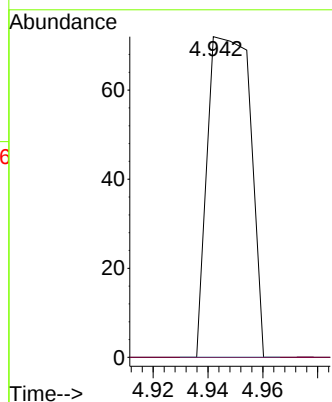


#11  
Tert butyl alcohol  
Concen: 28.303 ug/l  
RT: 4.942 min Scan# 512  
Delta R.T. -0.024 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

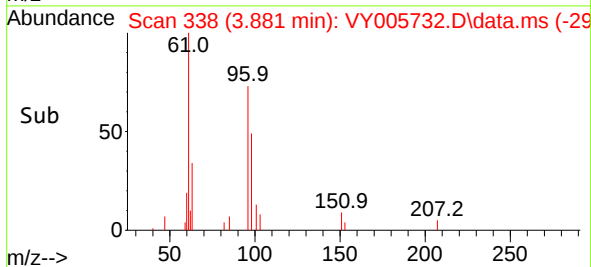
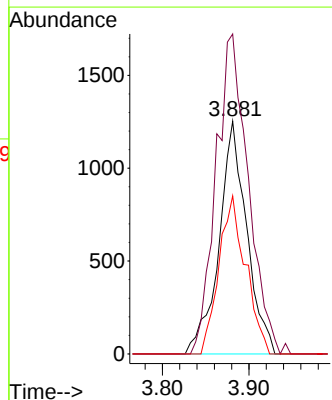
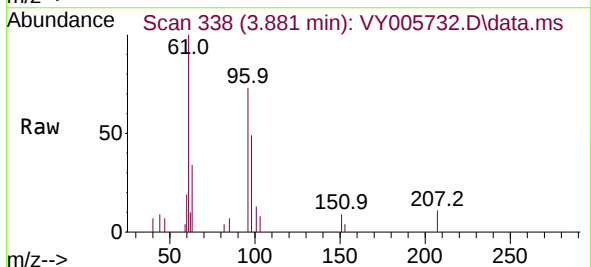


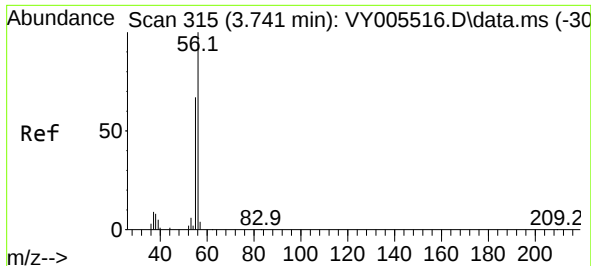
Tgt Ion: 59 Resp: 78  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.0 12.0#



#12  
1,1-Dichloroethene  
Concen: 117.174 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 96 Resp: 2781  
Ion Ratio Lower Upper  
96 100  
61 137.5 128.6 192.8  
98 67.9 49.2 73.8

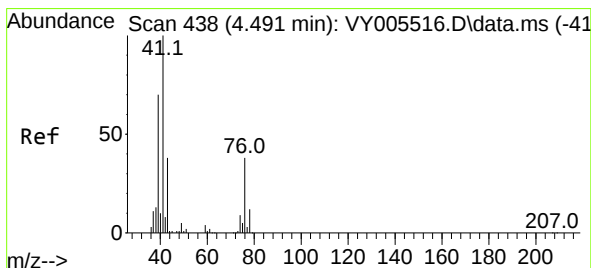
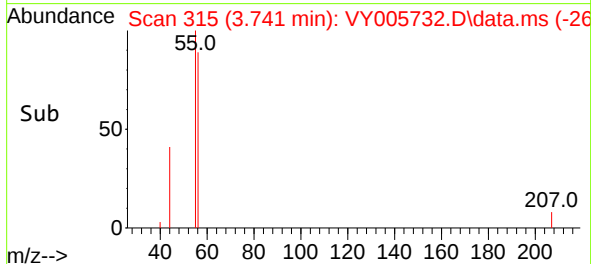
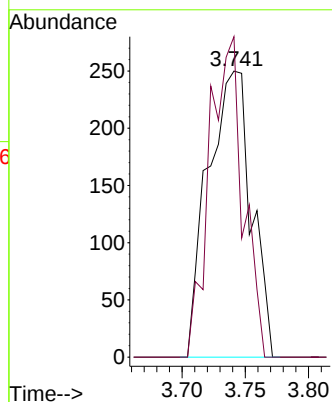
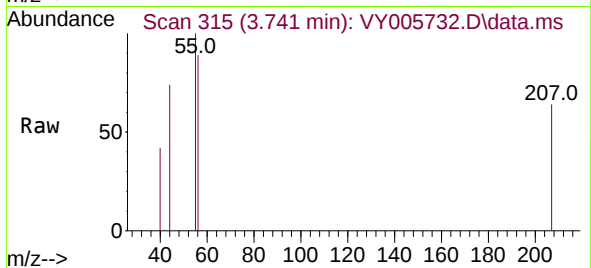




#13  
Acrolein  
Concen: 358.446 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

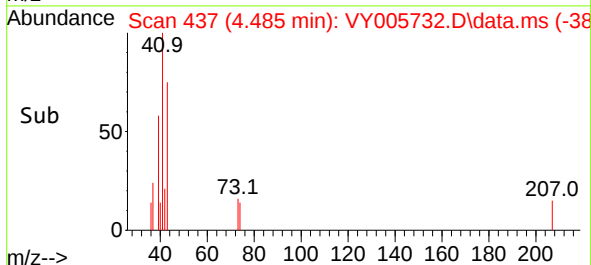
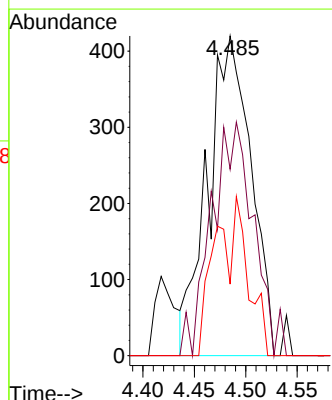
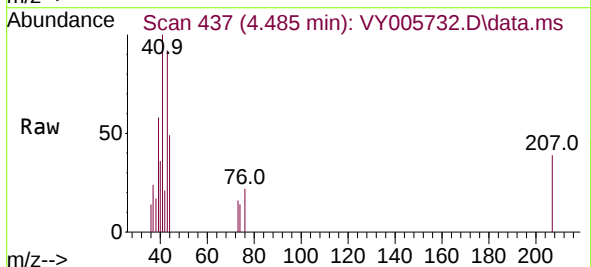
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

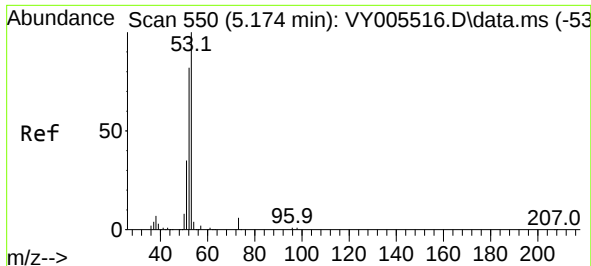
Tgt Ion: 56 Resp: 596  
Ion Ratio Lower Upper  
56 100  
55 86.4 56.5 84.7#



#14  
Allyl chloride  
Concen: 29.589 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 41 Resp: 1230  
Ion Ratio Lower Upper  
41 100  
39 71.4 53.7 80.5  
76 19.6 28.7 43.1#

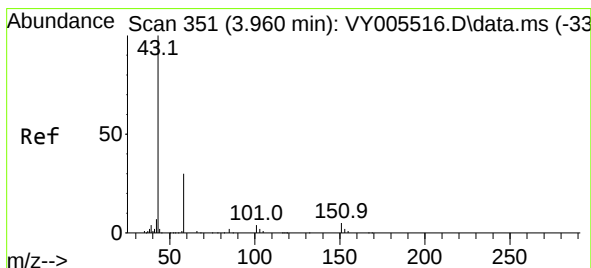
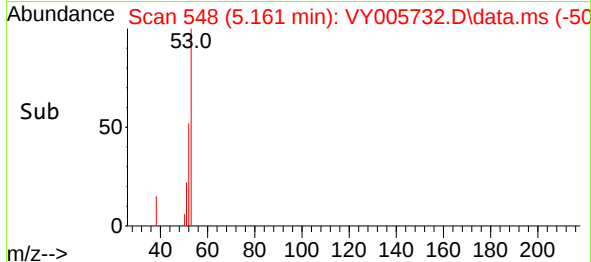
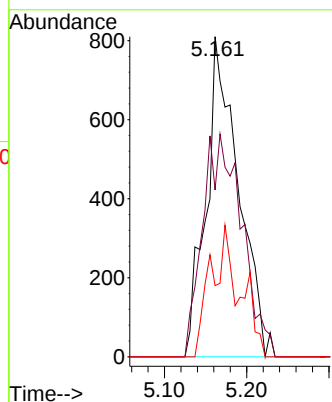
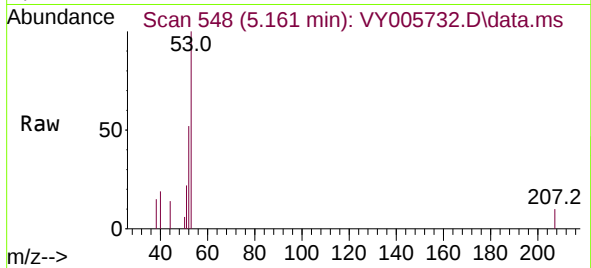




#15  
Acrylonitrile  
Concen: 285.195 ug/l  
RT: 5.161 min Scan# 548  
Delta R.T. -0.012 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

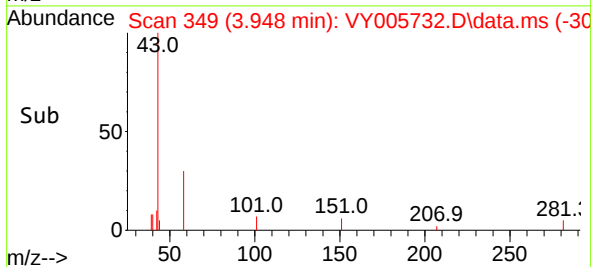
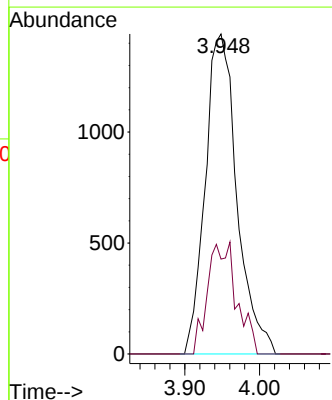
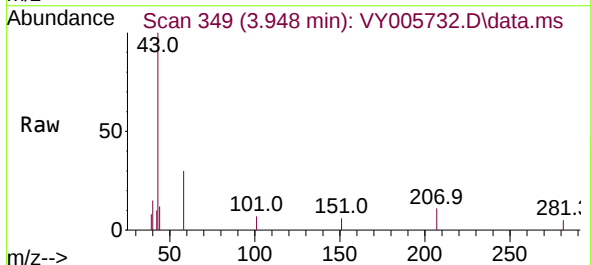
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

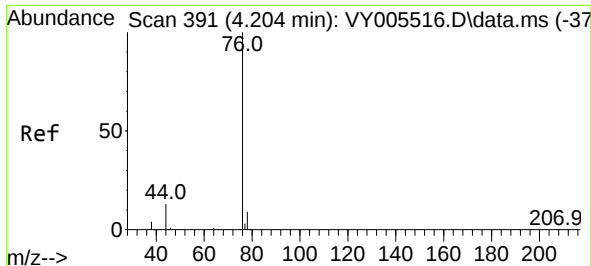
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 2212  |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 84.6     | 66.6 99.8   |
| 51 8.9      | 29.9 44.9#  |



#16  
Acetone  
Concen: 604.818 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. -0.012 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

|             |            |       |  |
|-------------|------------|-------|--|
| Tgt Ion: 43 | Resp: 4251 |       |  |
| Ion Ratio   | Lower      | Upper |  |
| 43 100      |            |       |  |
| 58 29.7     | 23.8       | 35.6  |  |

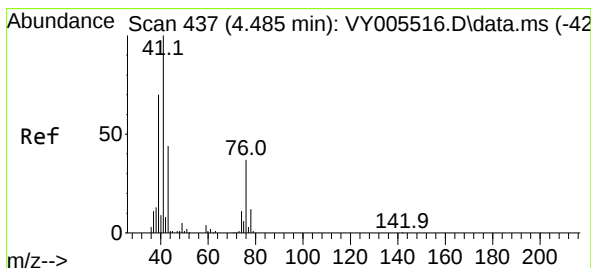
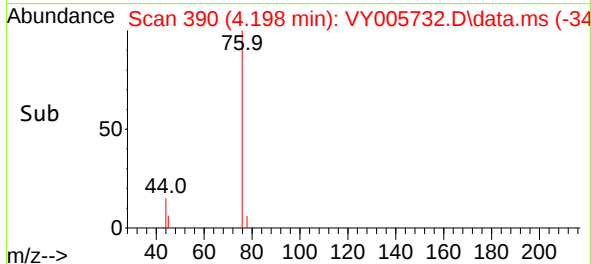
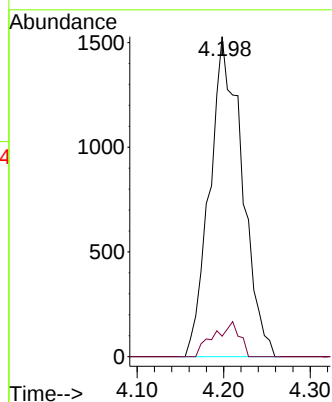
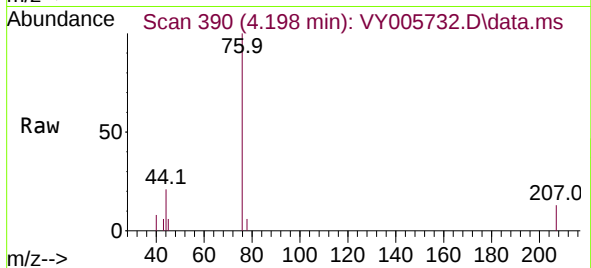




#17  
Carbon Disulfide  
Concen: 54.386 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

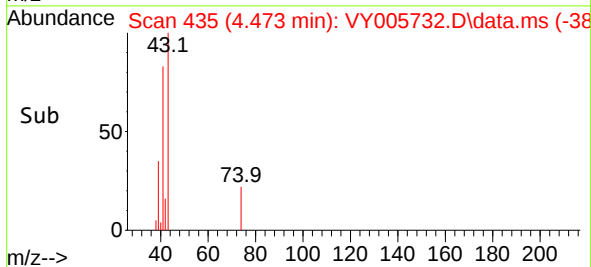
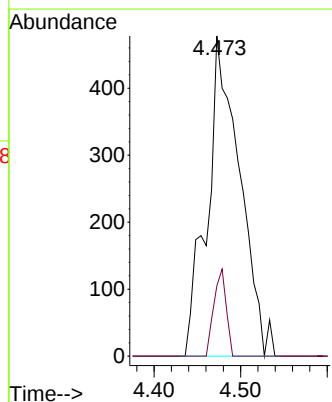
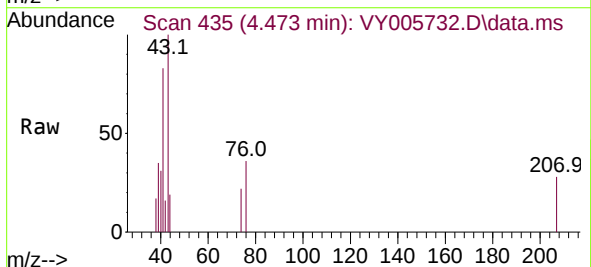
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

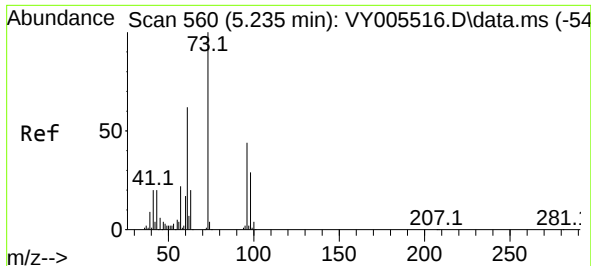
Tgt Ion: 76 Resp: 3979  
Ion Ratio Lower Upper  
76 100  
78 6.4 7.0 10.6#



#18  
Methyl Acetate  
Concen: 67.837 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. -0.012 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 43 Resp: 1247  
Ion Ratio Lower Upper  
43 100  
74 10.3 19.0 28.6#



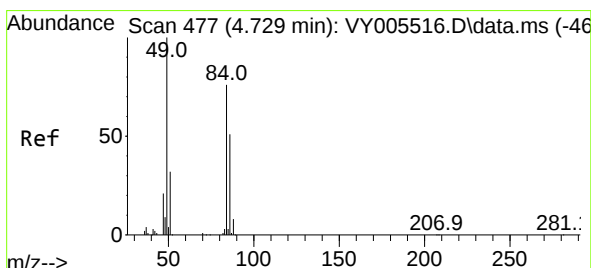
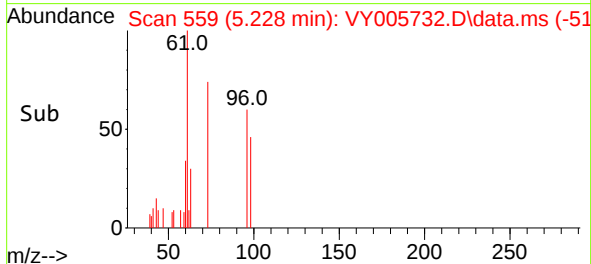
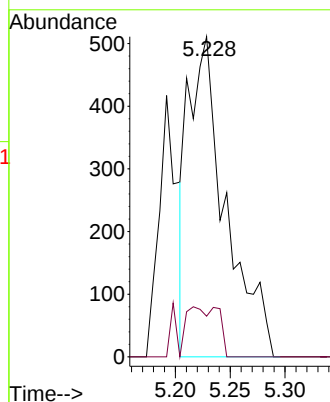
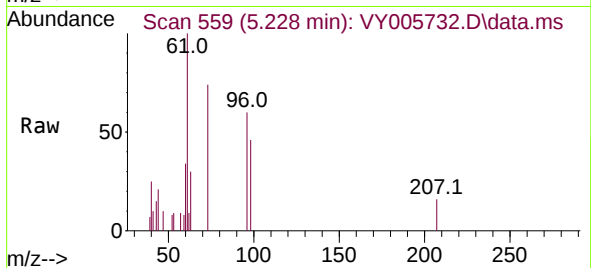


#19

Methyl tert-butyl Ether  
 Concen: 16.484 ug/l  
 RT: 5.228 min Scan# 559  
 Delta R.T. -0.006 min  
 Lab File: VY005732.D  
 Acq: 18 Aug 2021 12:16

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SWCS-03-1015MSD

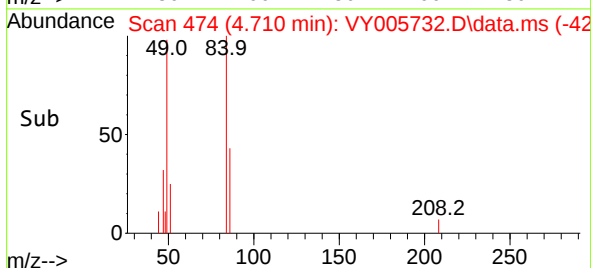
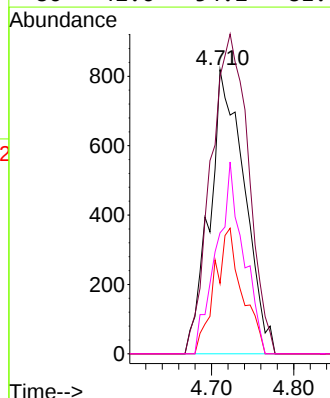
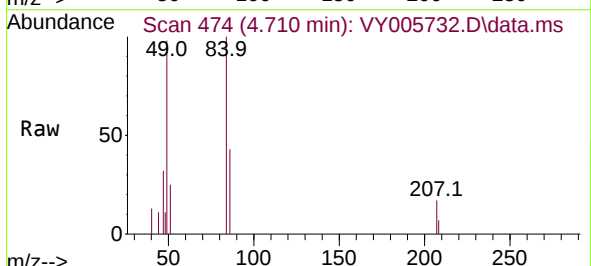
Tgt Ion: 73 Resp: 1212  
 Ion Ratio Lower Upper  
 73 100  
 57 12.7 17.7 26.5#

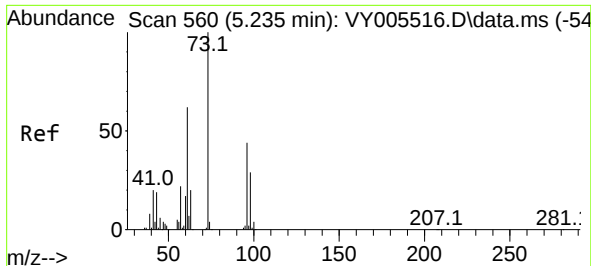


#20

Methylene Chloride  
 Concen: 91.792 ug/l  
 RT: 4.710 min Scan# 474  
 Delta R.T. -0.019 min  
 Lab File: VY005732.D  
 Acq: 18 Aug 2021 12:16

Tgt Ion: 84 Resp: 2416  
 Ion Ratio Lower Upper  
 84 100  
 49 97.7 105.8 158.6#  
 51 24.8 33.4 50.2#  
 86 42.6 54.2 81.4#

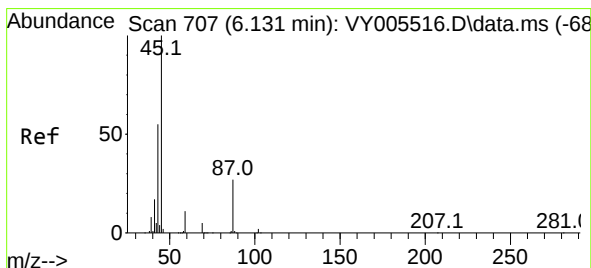
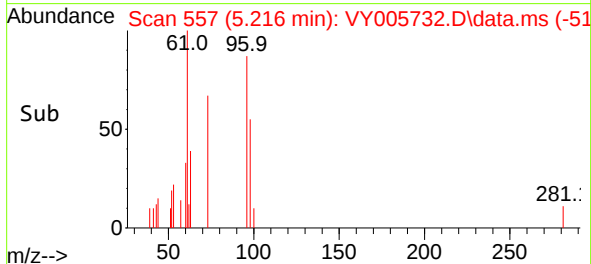
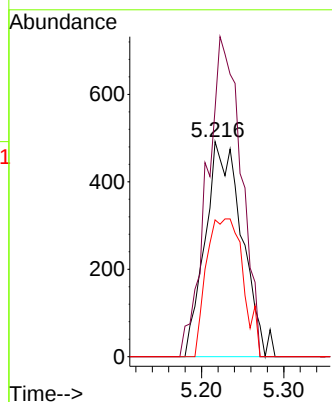
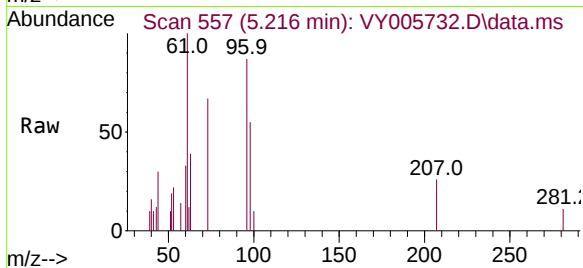




#21  
trans-1,2-Dichloroethene  
Concen: 57.697 ug/l  
RT: 5.216 min Scan# 557  
Delta R.T. -0.018 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

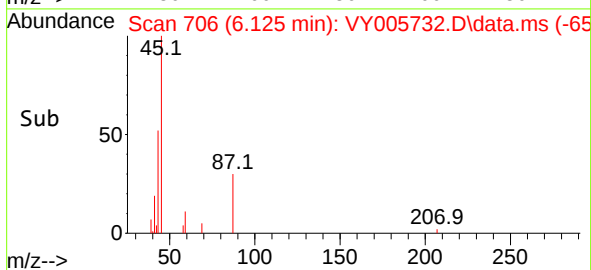
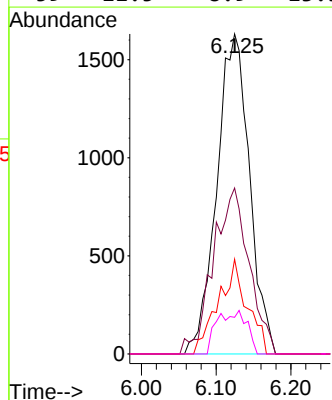
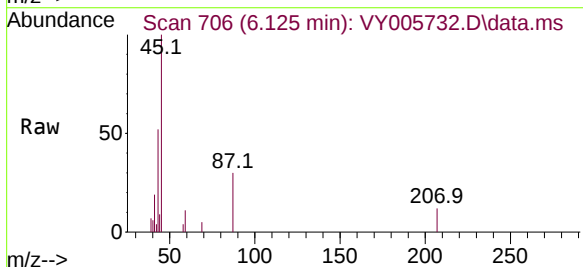
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

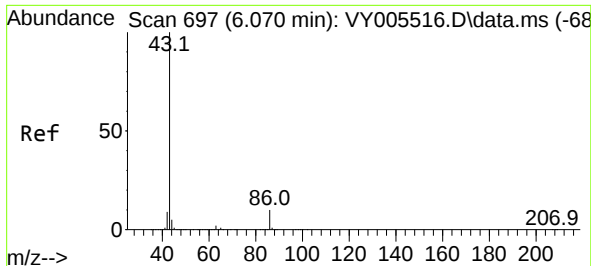
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 1531  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 115.2 | 112.6 | 168.8 |
| 98       | 63.6  | 52.2  | 78.4  |



#22  
Diisopropyl ether  
Concen: 57.790 ug/l  
RT: 6.125 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 4956  |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 51.9  | 44.2  | 66.2  |
| 87       | 29.6  | 21.6  | 32.4  |
| 59       | 11.5  | 8.9   | 13.3  |

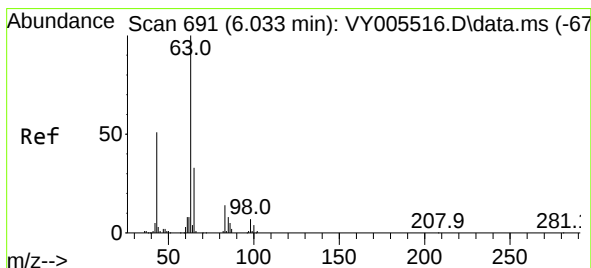
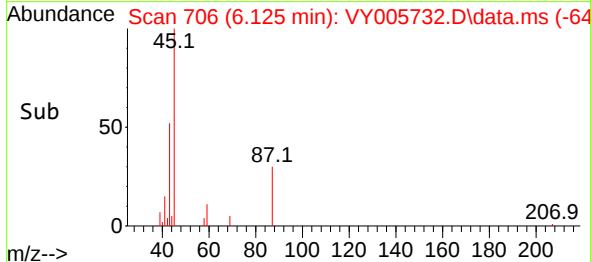
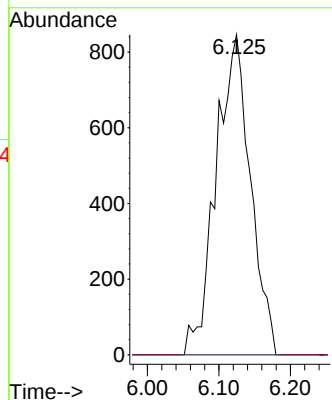
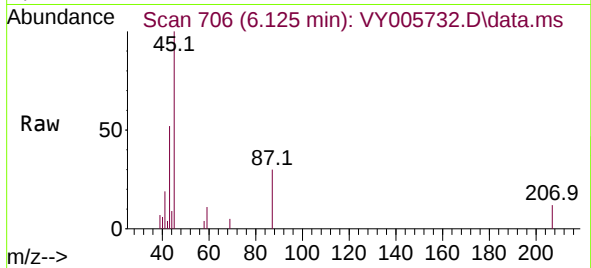




#23  
 Vinyl Acetate  
 Concen: 49.499 ug/l  
 RT: 6.125 min Scan# 706  
 Delta R.T. 0.055 min  
 Lab File: VY005732.D  
 Acq: 18 Aug 2021 12:16

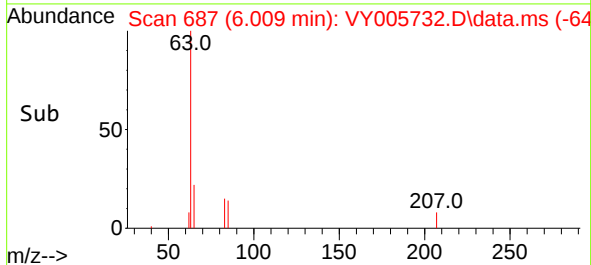
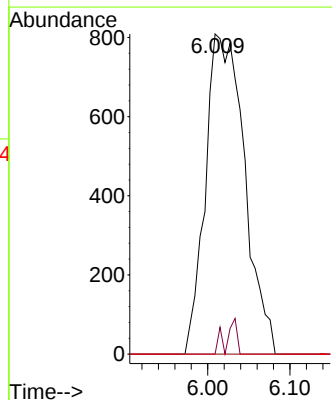
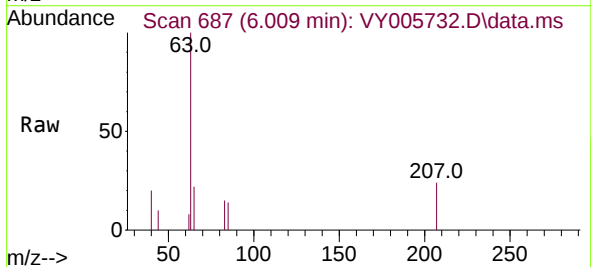
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SWCS-03-1015MSD

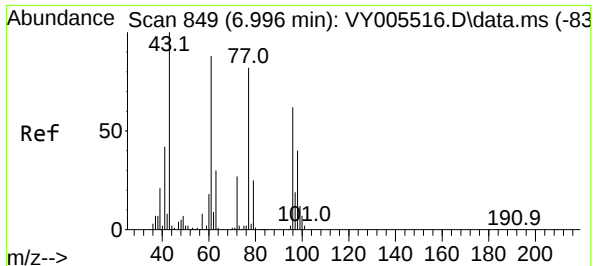
Tgt Ion: 43 Resp: 2825  
 Ion Ratio Lower Upper  
 43 100  
 86 0.0 8.4 12.6#



#24  
 1,1-Dichloroethane  
 Concen: 56.053 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.024 min  
 Lab File: VY005732.D  
 Acq: 18 Aug 2021 12:16

Tgt Ion: 63 Resp: 2664  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.4 10.1#  
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 301.263 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY005732.D

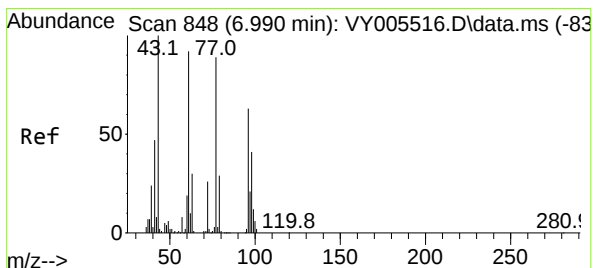
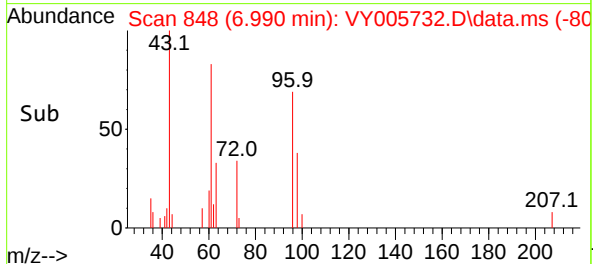
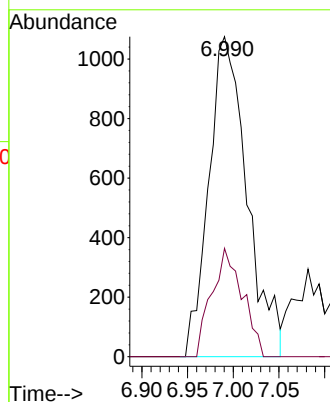
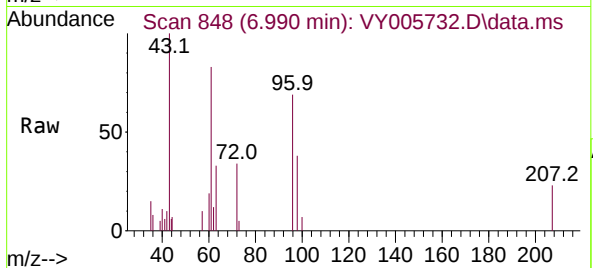
Acq: 18 Aug 2021 12:16

Tgt Ion: 43 Resp: 3130

Ion Ratio Lower Upper

43 100

72 33.9 21.4 32.2#



#26

2,2-Dichloropropane

Concen: 1.958 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY005732.D

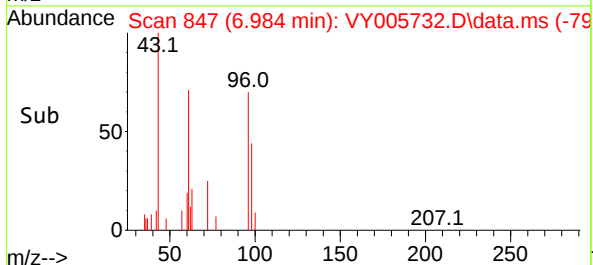
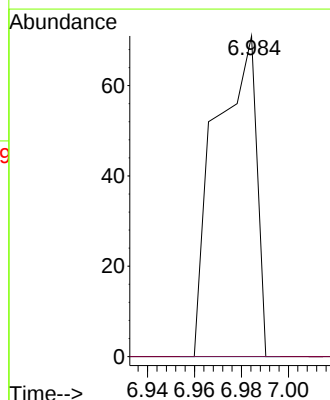
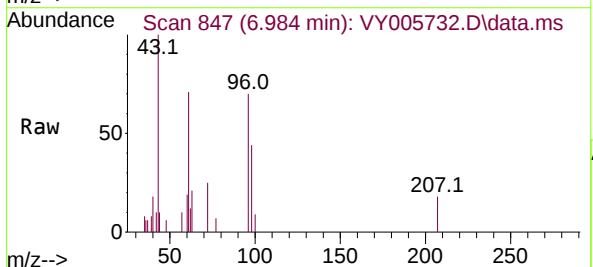
Acq: 18 Aug 2021 12:16

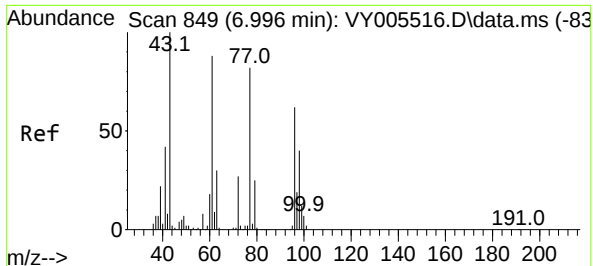
Tgt Ion: 77 Resp: 85

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#





#27

cis-1,2-Dichloroethene

Concen: 66.403 ug/l

RT: 6.990 min Scan# 848

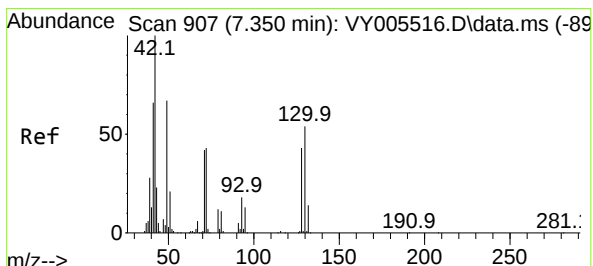
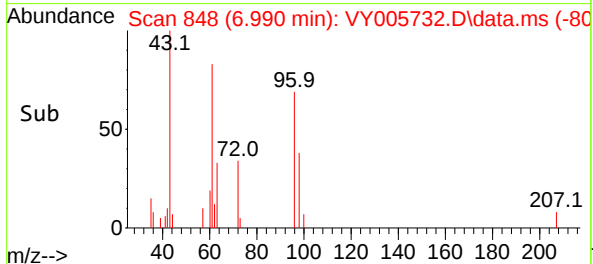
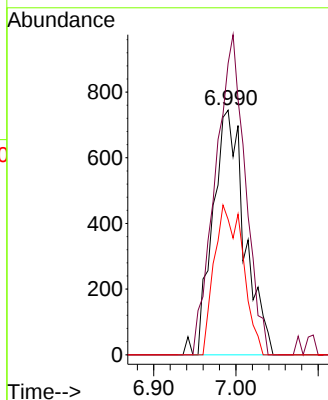
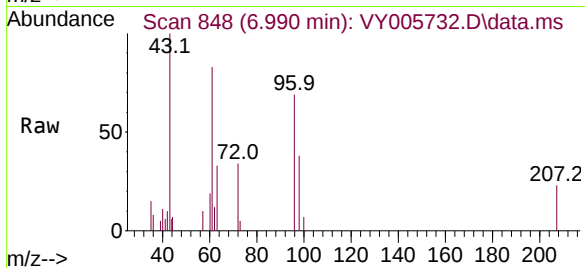
Delta R.T. -0.006 min

Lab File: VY005732.D

Acq: 18 Aug 2021 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 2004  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 123.1 | 0.0   | 290.0 |
| 98       | 55.1  | 0.0   | 128.0 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD



#28

Bromochloromethane

Concen: 59.993 ug/l

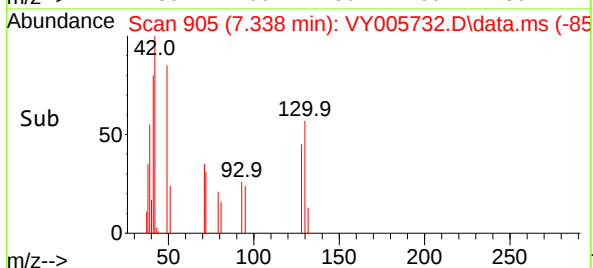
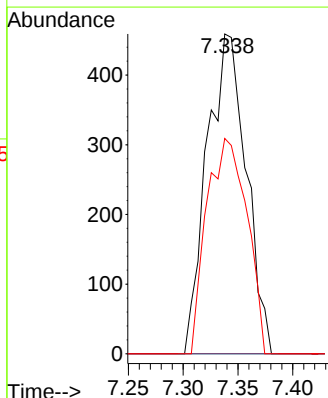
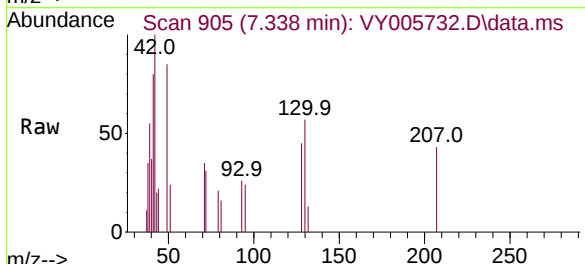
RT: 7.338 min Scan# 905

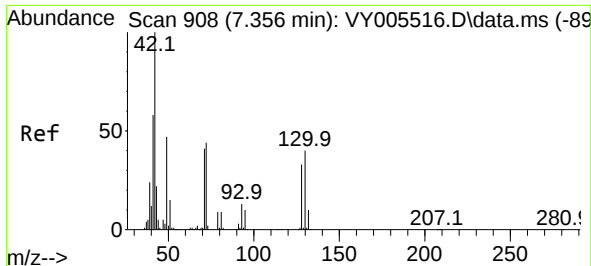
Delta R.T. -0.012 min

Lab File: VY005732.D

Acq: 18 Aug 2021 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 1138  |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.0   | 0.0   | 4.0   |
| 130      | 69.3  | 64.0  | 96.0  |





#29

Tetrahydrofuran

Concen: 336.881 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY005732.D

Acq: 18 Aug 2021 12:16

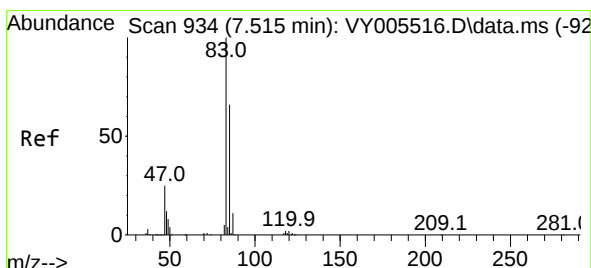
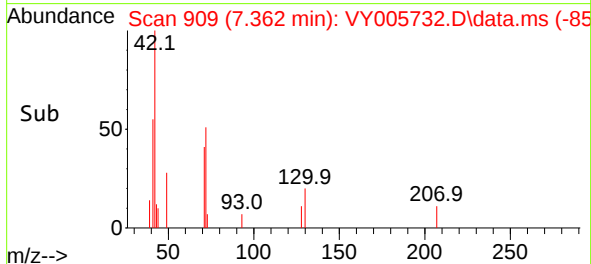
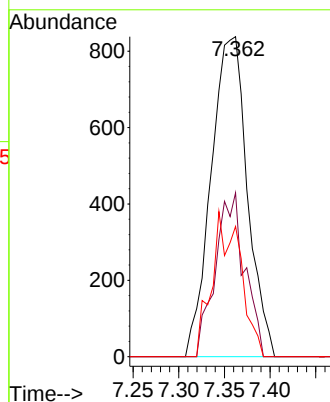
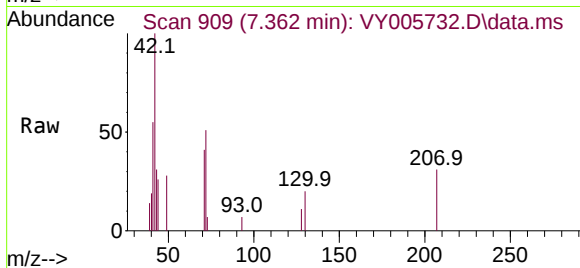
Instrument :

MSVOA\_Y

ClientSampleId :

SWCS-03-1015MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 2315  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 41.4  | 35.0  | 52.4  |
| 71       | 35.7  | 33.3  | 49.9  |



#30

Chloroform

Concen: 62.628 ug/l

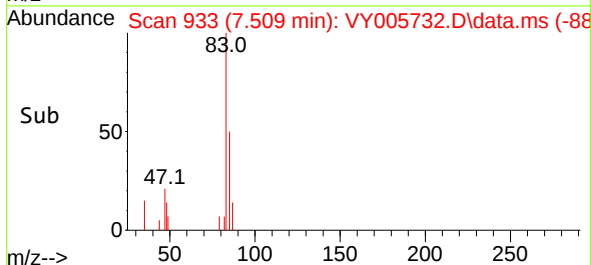
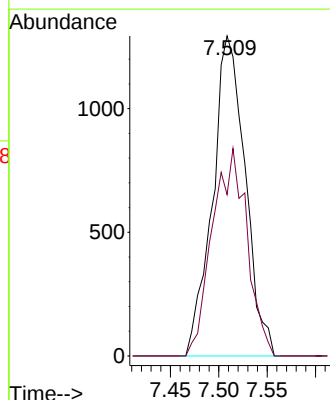
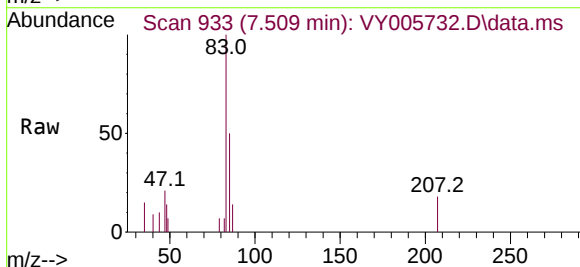
RT: 7.509 min Scan# 933

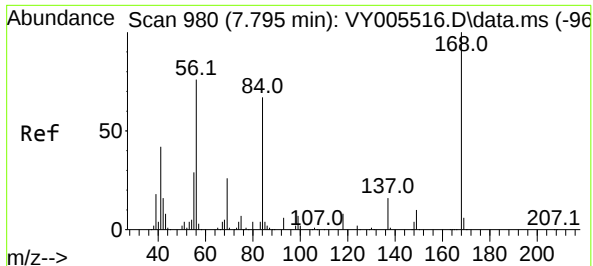
Delta R.T. -0.006 min

Lab File: VY005732.D

Acq: 18 Aug 2021 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 3038  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 50.5  | 52.7  | 79.1# |

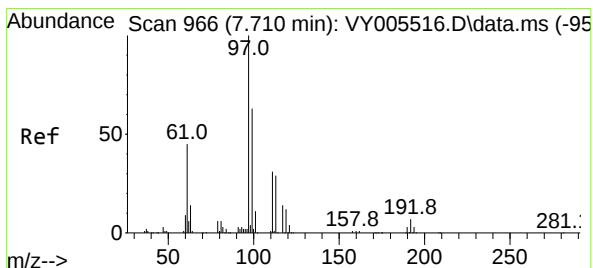
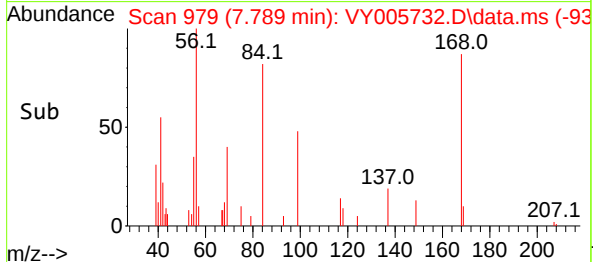
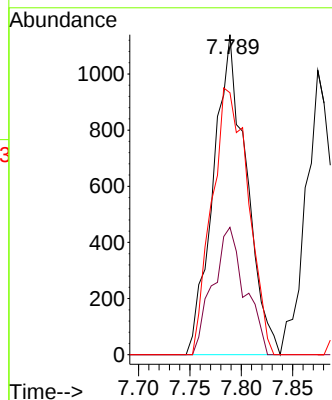
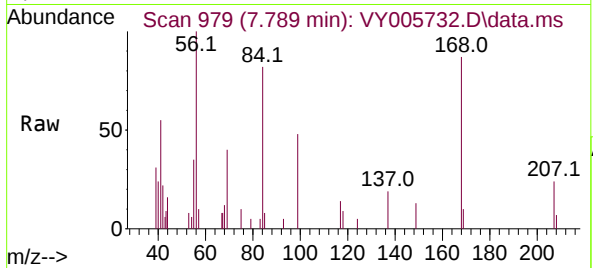




#31  
Cyclohexane  
Concen: 53.474 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

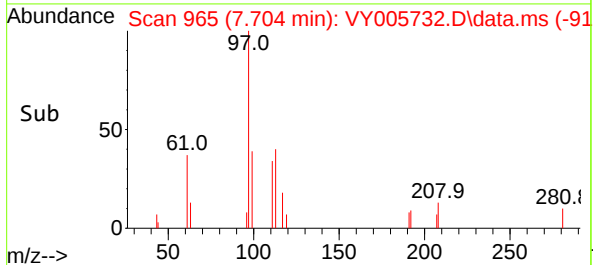
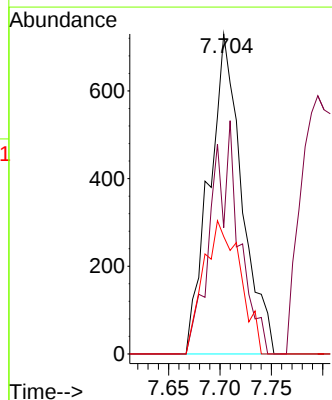
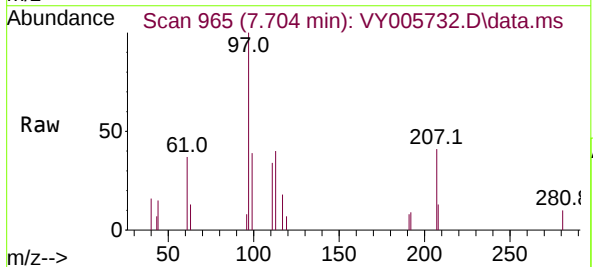
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

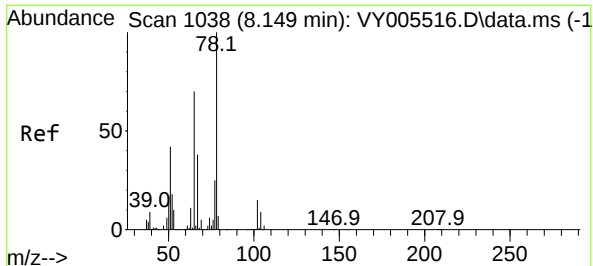
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 2557  |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 39.8  | 27.7  | 41.5  |
| 84        | 81.8  | 70.9  | 106.3 |



#32  
1,1,1-Trichloroethane  
Concen: 36.330 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 97    | Resp: | 1620 |
| Ion Ratio | Lower | Upper |      |
| 97        | 100   |       |      |
| 99        | 62.3  | 51.1  | 76.7 |
| 61        | 46.4  | 35.0  | 52.6 |

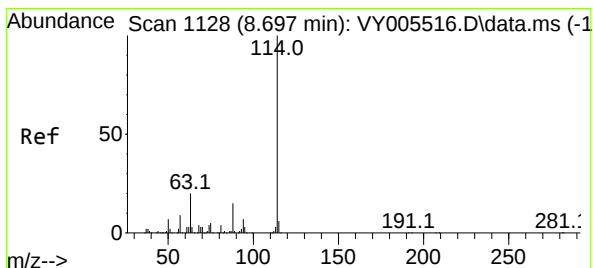
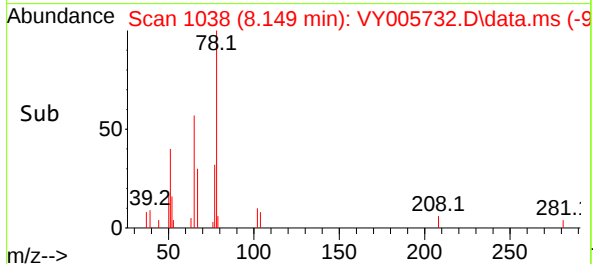
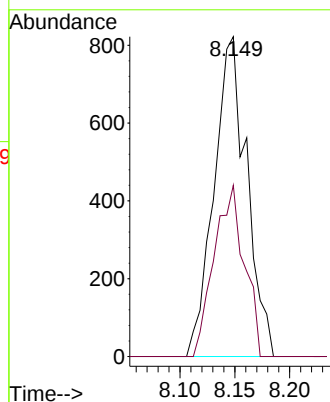
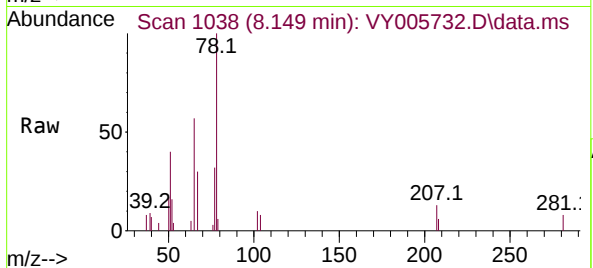




#33  
1,2-Dichloroethane-d4  
Concen: 61.268 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

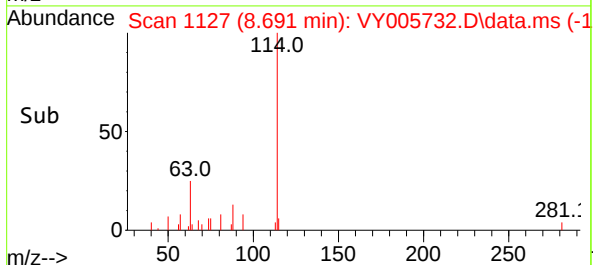
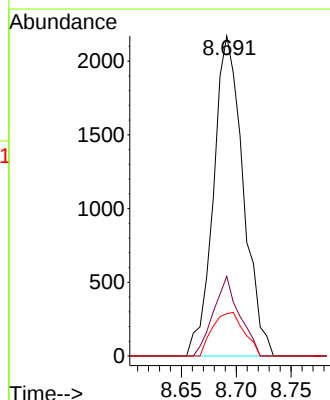
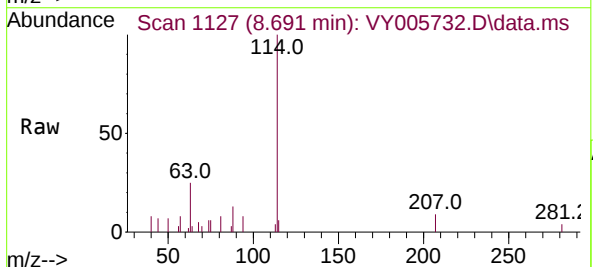
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

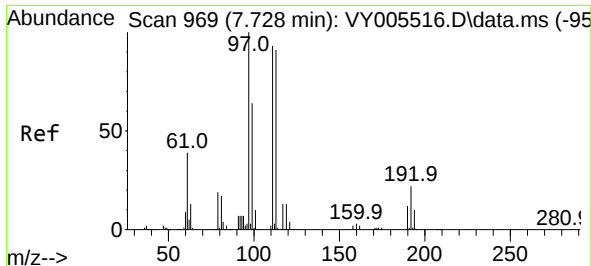
Tgt Ion: 65 Resp: 1708  
Ion Ratio Lower Upper  
65 100  
67 49.2 0.0 103.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 114 Resp: 4087  
Ion Ratio Lower Upper  
114 100  
63 24.9 0.0 39.2  
88 13.2 0.0 30.8

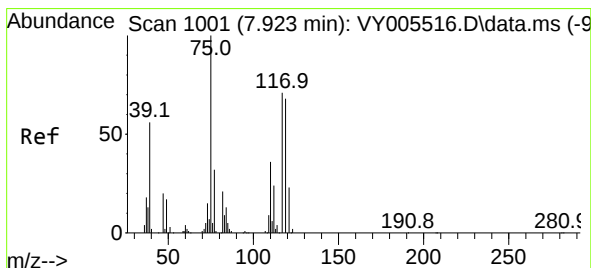
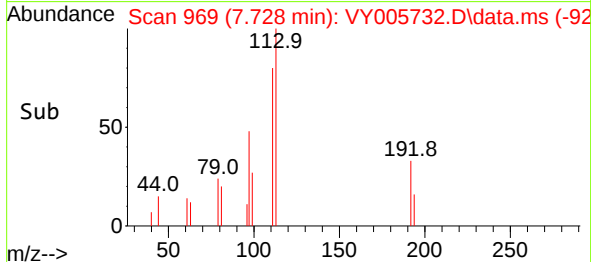
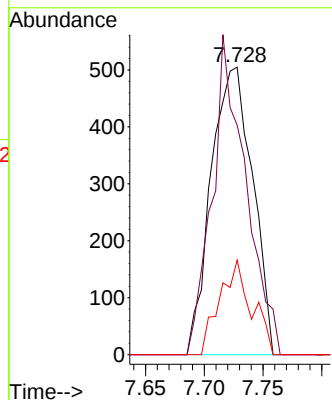
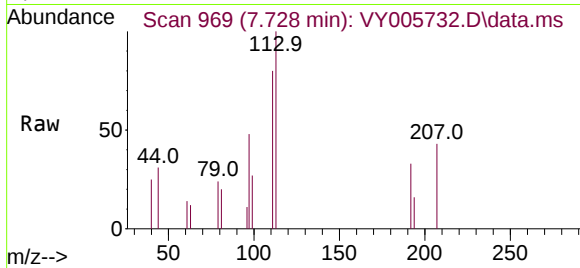




#35  
Dibromofluoromethane  
Concen: 54.234 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

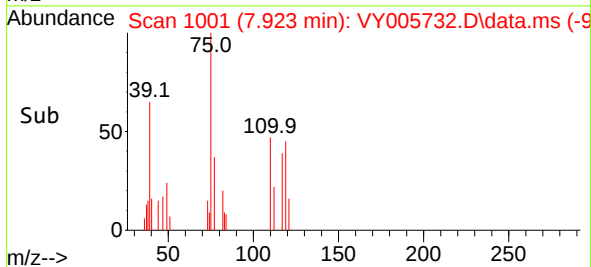
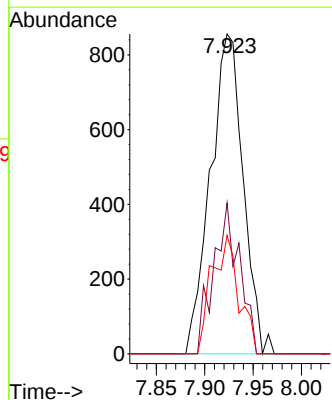
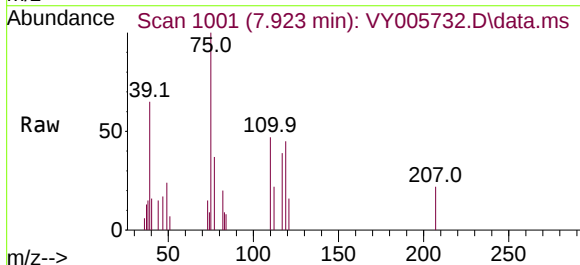
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

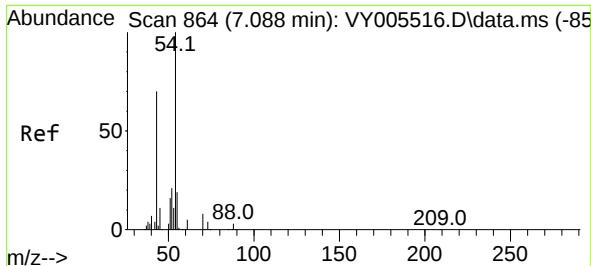
Tgt Ion:113 Resp: 1241  
Ion Ratio Lower Upper  
113 100  
111 89.8 81.9 122.9  
192 25.2 19.2 28.8



#36  
1,1-Dichloropropene  
Concen: 52.539 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 75 Resp: 2014  
Ion Ratio Lower Upper  
75 100  
110 37.3 18.1 54.1  
77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 30.401 ug/l

RT: 7.082 min Scan# 863

Delta R.T. -0.006 min

Lab File: VY005732.D

Acq: 18 Aug 2021 12:16

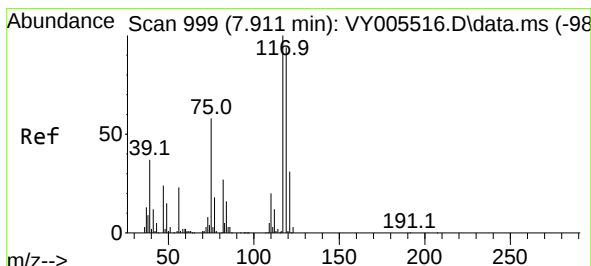
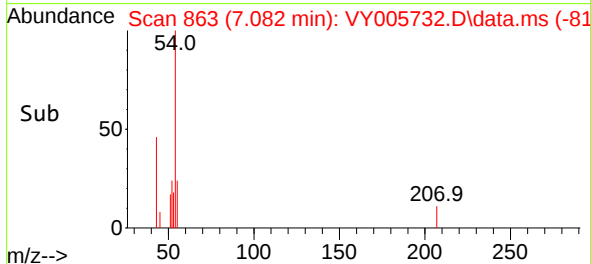
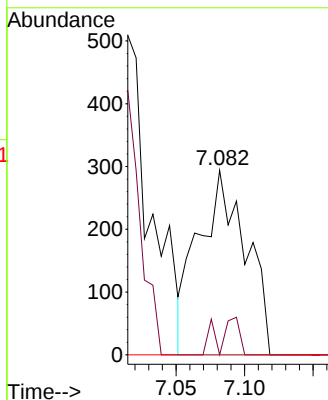
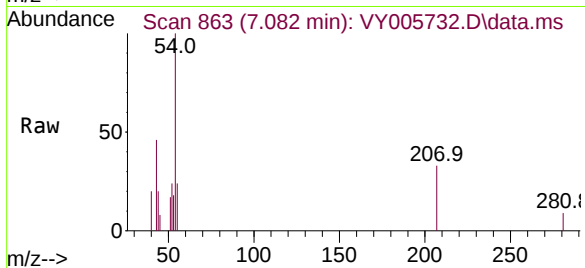
Instrument :

MSVOA\_Y

ClientSampleId :

SWCS-03-1015MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 706   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 10.6  | 15.8# |
| 70       | 0.0   | 8.6   | 13.0# |



#38

Carbon Tetrachloride

Concen: 36.100 ug/l

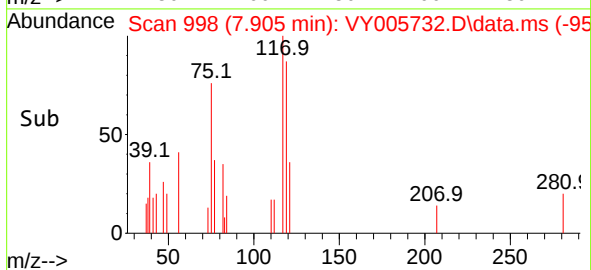
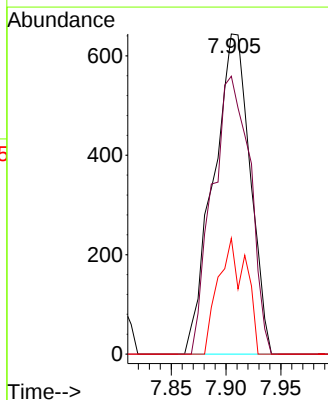
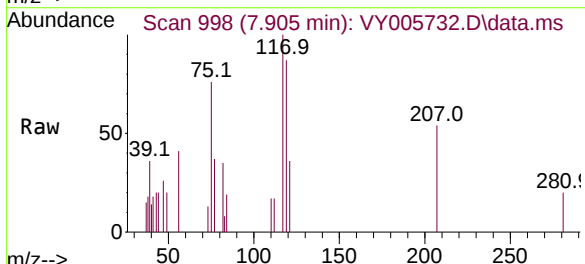
RT: 7.905 min Scan# 998

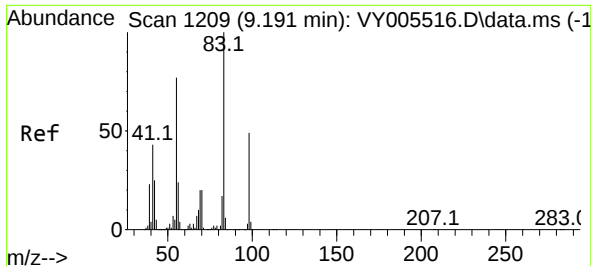
Delta R.T. -0.006 min

Lab File: VY005732.D

Acq: 18 Aug 2021 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 1504  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 86.8  | 75.4  | 113.0 |
| 121      | 36.2  | 25.1  | 37.7  |

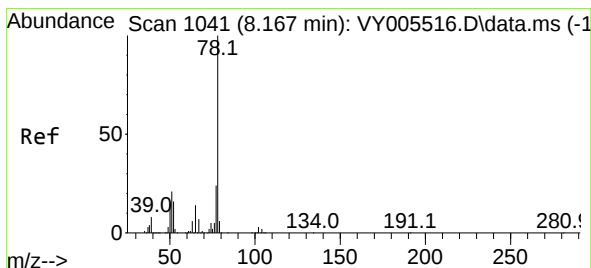
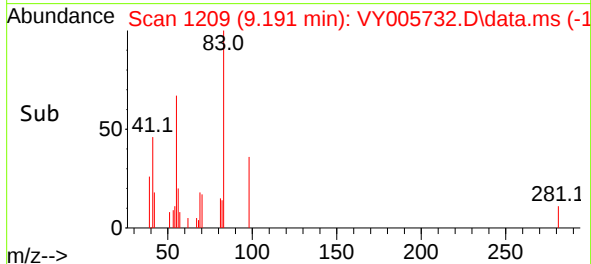
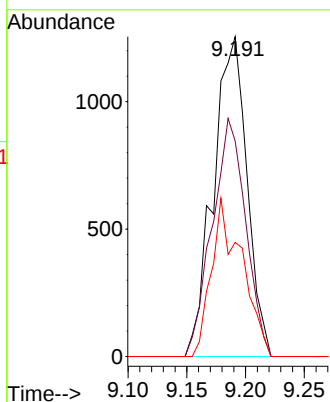
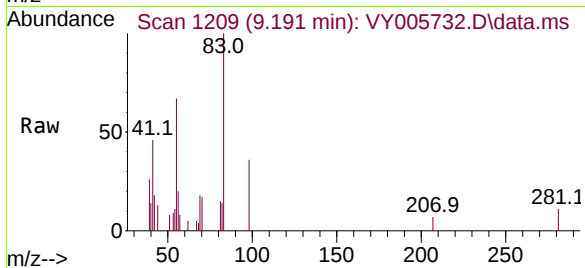




#39  
Methylcyclohexane  
Concen: 51.282 ug/l  
RT: 9.191 min Scan# 1209  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

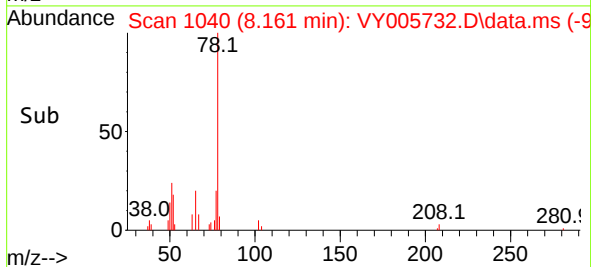
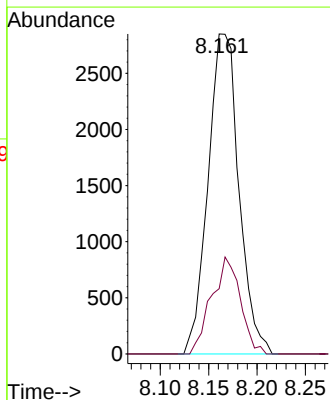
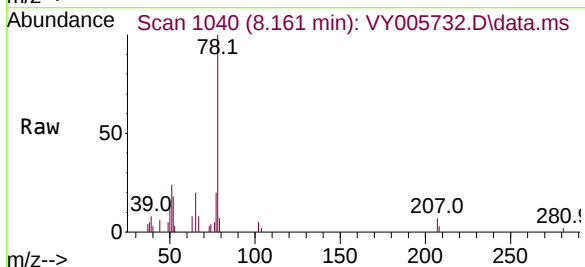
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

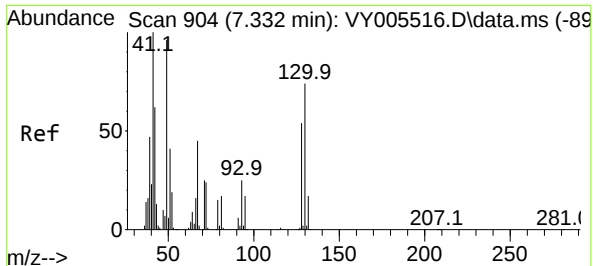
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 2501  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 67.4     | 61.7 92.5   |
| 98 35.7     | 38.9 58.3#  |



#40  
Benzene  
Concen: 57.665 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

|             |             |
|-------------|-------------|
| Tgt Ion: 78 | Resp: 6330  |
| Ion Ratio   | Lower Upper |
| 78 100      |             |
| 77 20.4     | 19.6 29.4   |

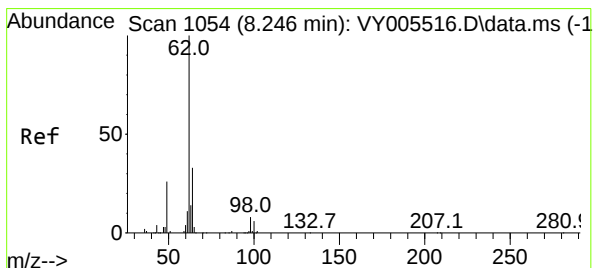
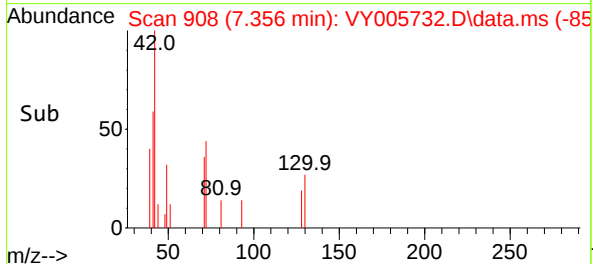
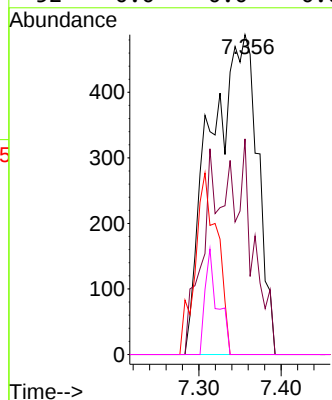
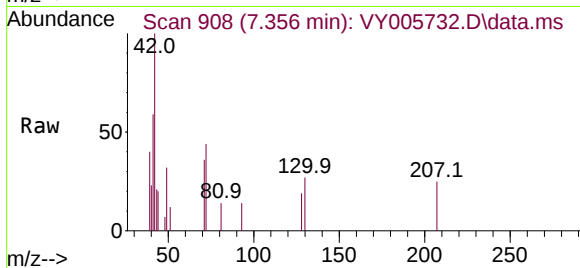




#41  
Methacrylonitrile  
Concen: 155.155 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.024 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

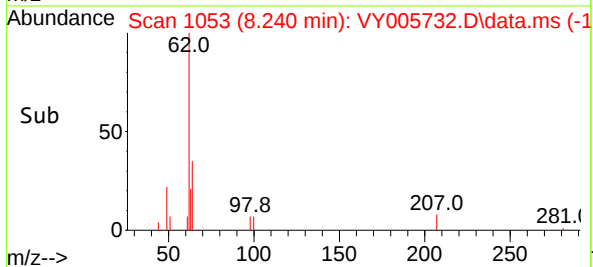
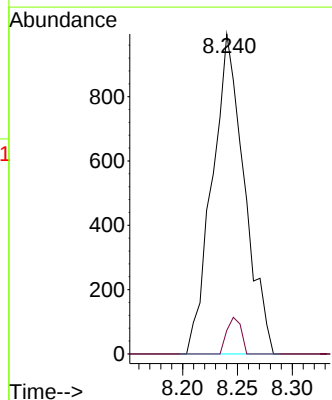
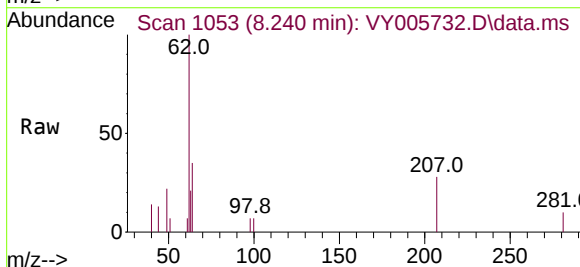
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

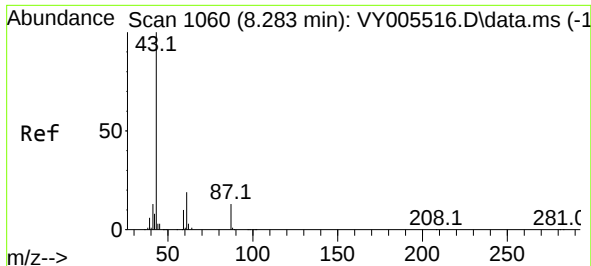
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 1955  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 0.0   | 0.0   |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |



#42  
1,2-Dichloroethane  
Concen: 56.787 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 2022  |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 5.0   | 0.0   | 18.4  |





#43

Isopropyl Acetate

Concen: 7.756 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VY005732.D

Acq: 18 Aug 2021 12:16

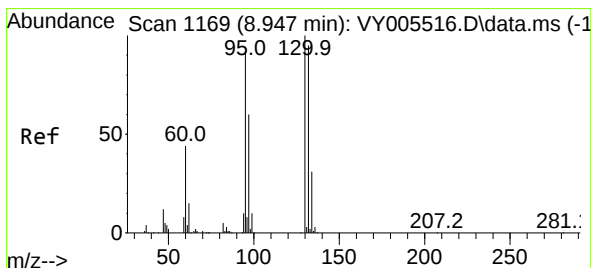
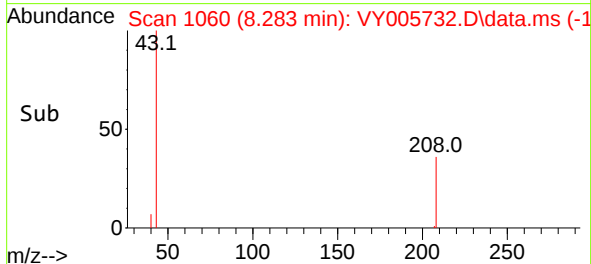
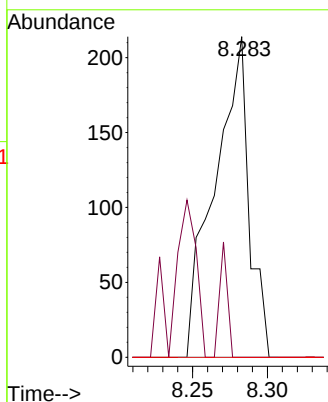
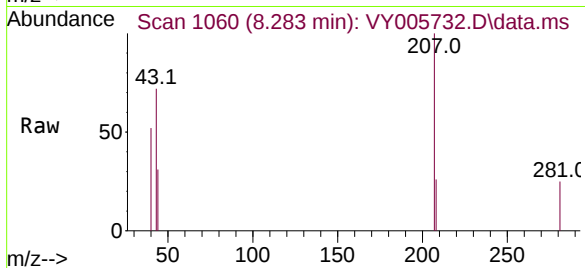
Instrument :

MSVOA\_Y

ClientSampleId :

SWCS-03-1015MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 341   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 8.2   | 23.0  | 34.6# |
| 87       | 0.0   | 10.6  | 16.0# |



#44

Trichloroethene

Concen: 84.613 ug/l

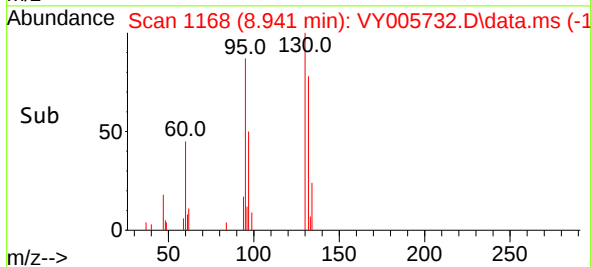
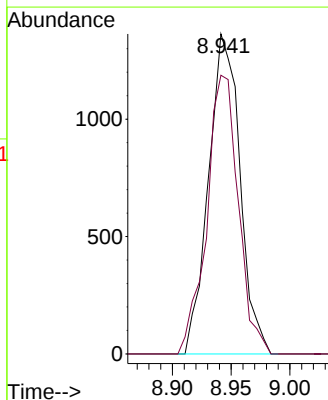
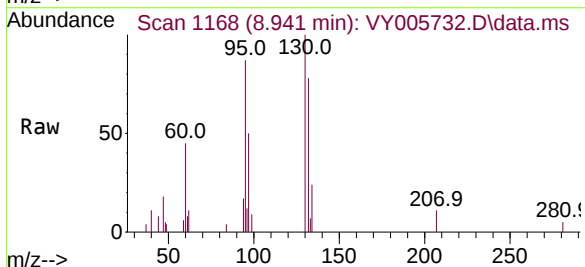
RT: 8.941 min Scan# 1168

Delta R.T. -0.006 min

Lab File: VY005732.D

Acq: 18 Aug 2021 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 2535  |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 87.1  | 0.0   | 185.0 |





#45

1,2-Dichloropropane

Concen: 52.836 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VY005732.D

Acq: 18 Aug 2021 12:16

Tgt Ion: 63 Resp: 1451

Ion Ratio Lower Upper

63 100

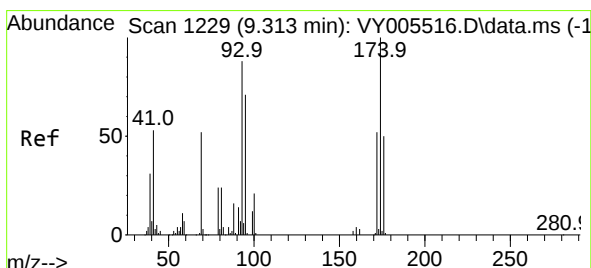
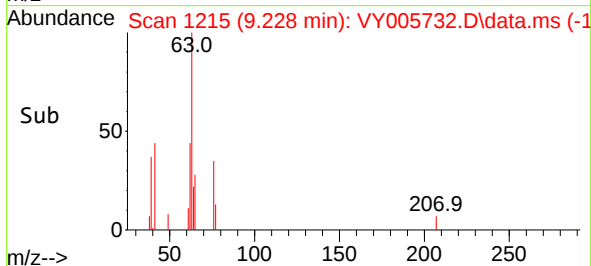
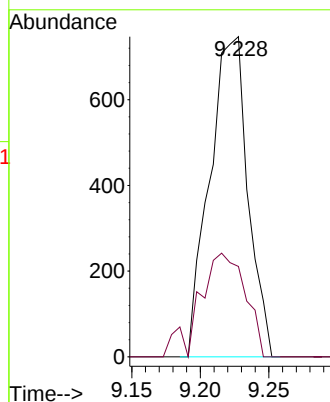
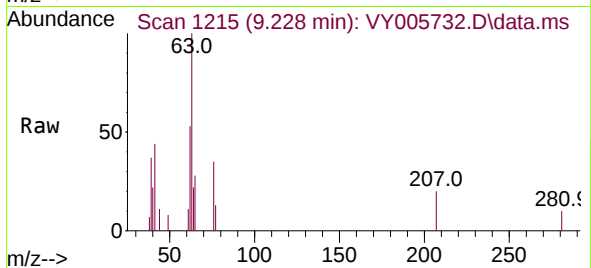
65 28.2 24.9 37.3

Instrument :

MSVOA\_Y

ClientSampleId :

SWCS-03-1015MSD



#46

Dibromomethane

Concen: 50.247 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY005732.D

Acq: 18 Aug 2021 12:16

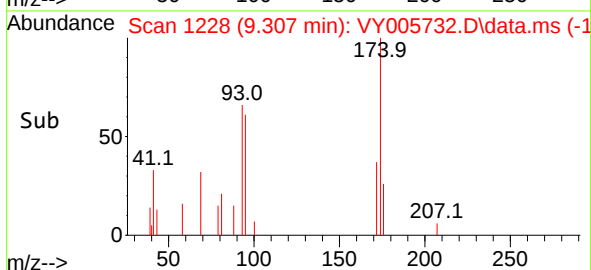
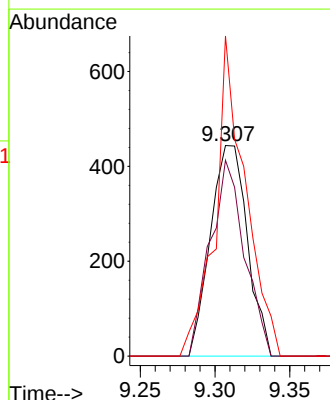
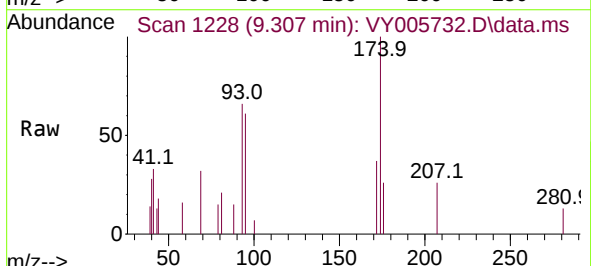
Tgt Ion: 93 Resp: 763

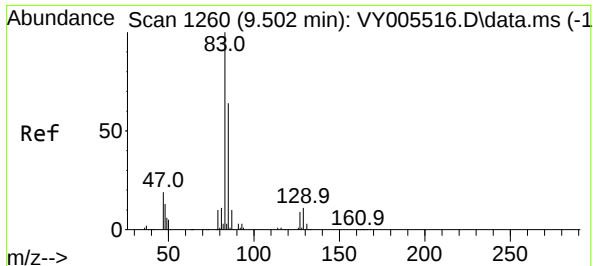
Ion Ratio Lower Upper

93 100

95 86.6 66.5 99.7

174 123.7 93.8 140.6





#47

Bromodichloromethane

Concen: 51.995 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY005732.D

Acq: 18 Aug 2021 12:16

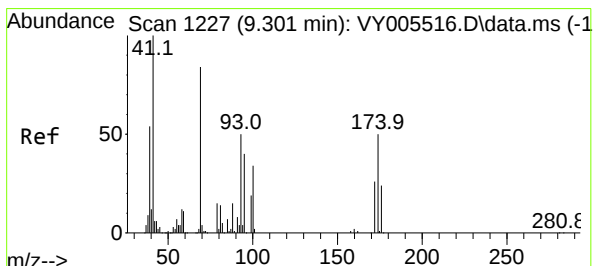
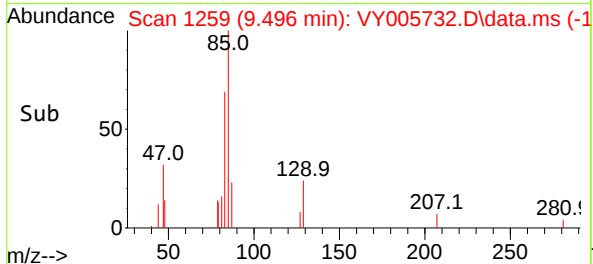
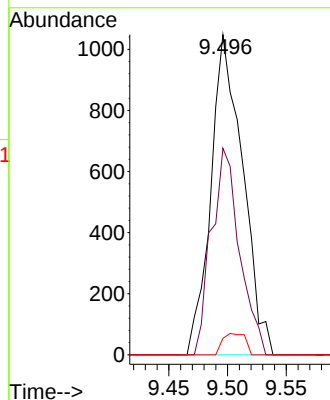
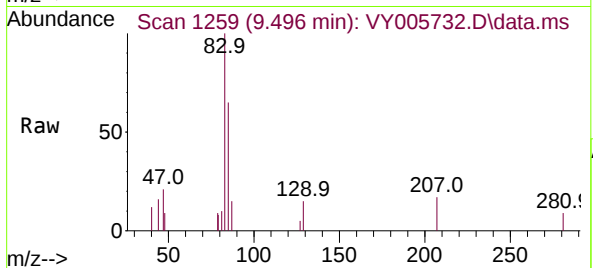
Instrument :

MSVOA\_Y

ClientSampleId :

SWCS-03-1015MSD

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 1976  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 64.5     | 51.0 76.4   |
| 127 5.2     | 7.0 10.4#   |



#48

Methyl methacrylate

Concen: 33.216 ug/l

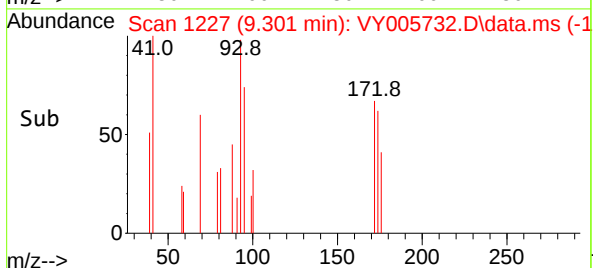
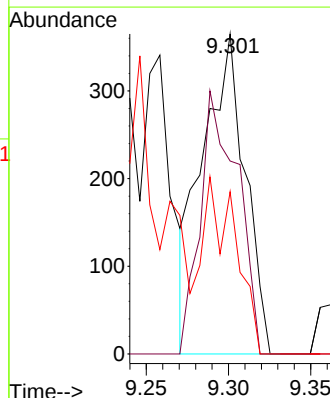
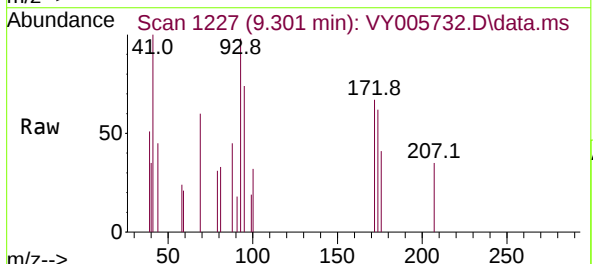
RT: 9.301 min Scan# 1227

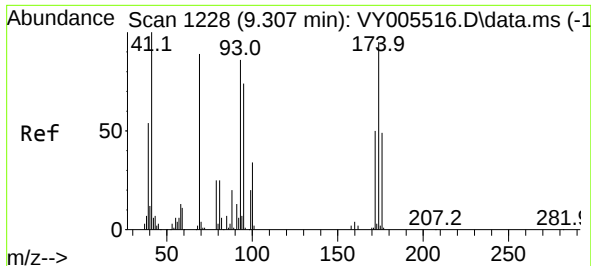
Delta R.T. -0.000 min

Lab File: VY005732.D

Acq: 18 Aug 2021 12:16

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 660   |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 69 71.8     | 69.0 103.4  |
| 39 42.7     | 46.0 69.0#  |

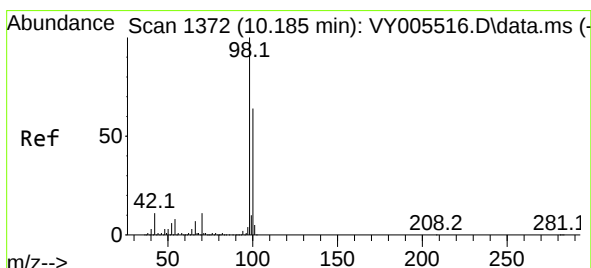
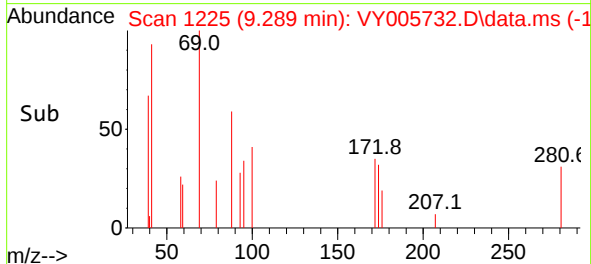
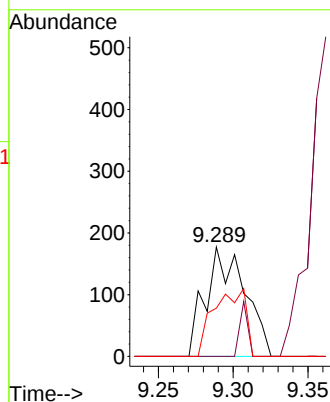
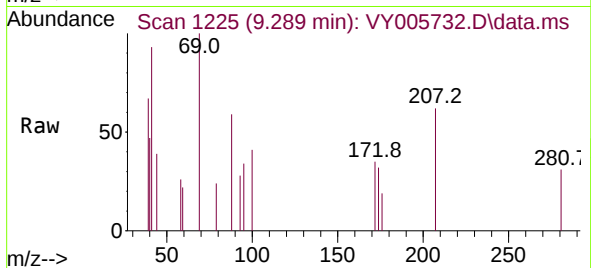




#49  
1,4-Dioxane  
Concen: 1525.802 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.018 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

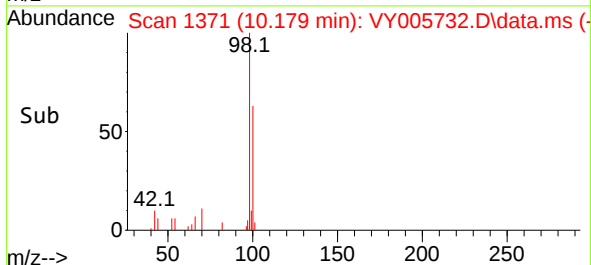
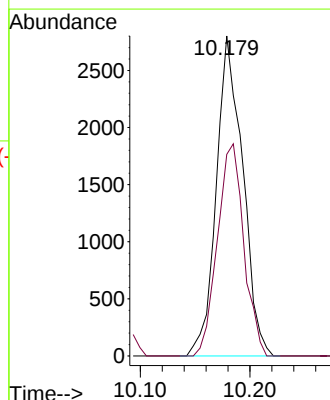
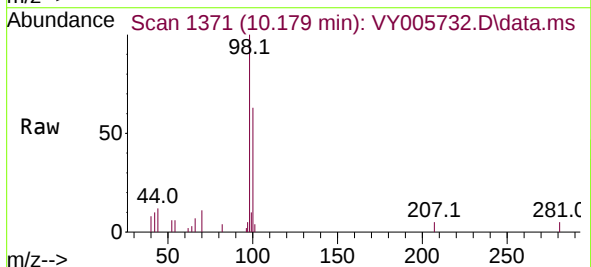
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

Tgt Ion: 88 Resp: 322  
Ion Ratio Lower Upper  
88 100  
43 10.2 27.0 40.4#  
58 50.6 53.8 80.8#



#50  
Toluene-d8  
Concen: 48.840 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 98 Resp: 4687  
Ion Ratio Lower Upper  
98 100  
100 66.2 51.3 76.9

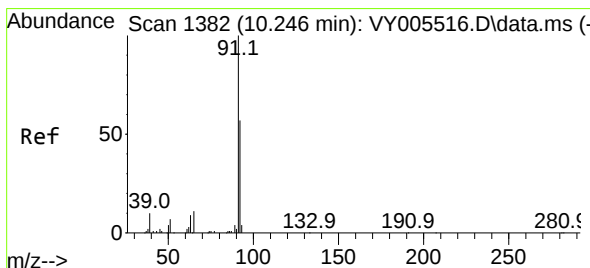
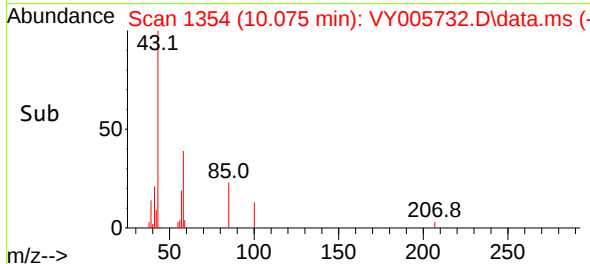
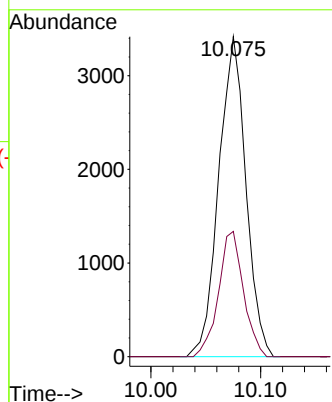
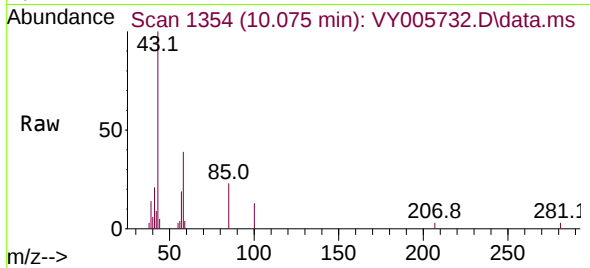




#51  
4-Methyl-2-Pentanone  
Concen: 253.563 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

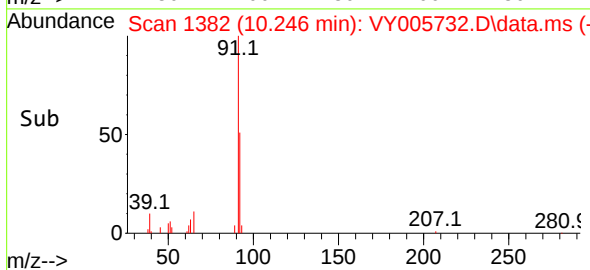
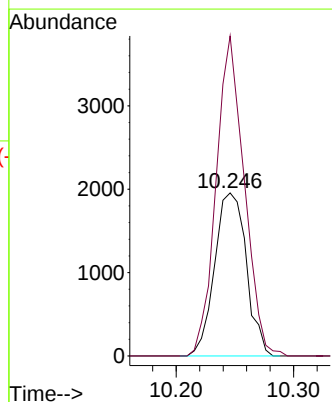
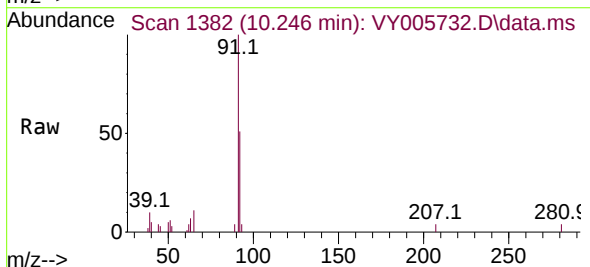
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

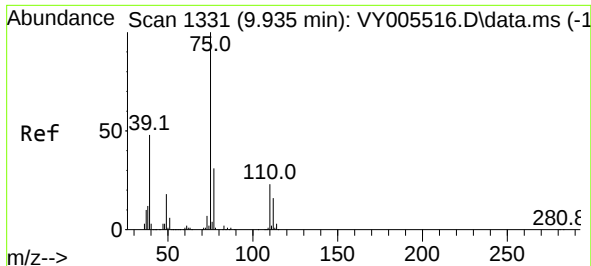
Tgt Ion: 43 Resp: 5871  
Ion Ratio Lower Upper  
43 100  
58 36.0 31.4 47.2



#52  
Toluene  
Concen: 52.433 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 92 Resp: 3670  
Ion Ratio Lower Upper  
92 100  
91 174.4 139.6 209.4

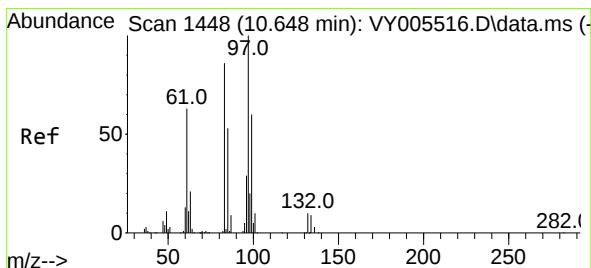
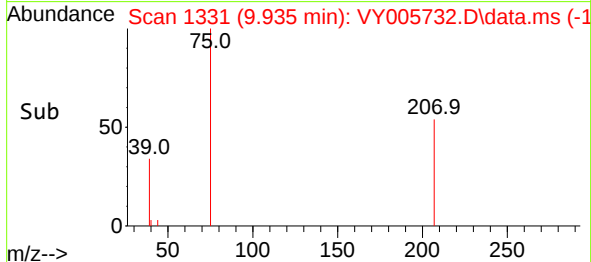
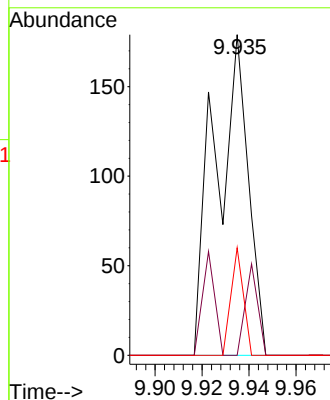
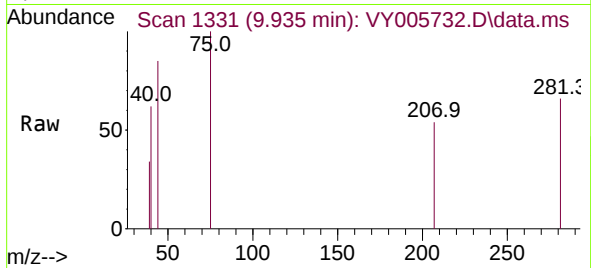




#54  
cis-1,3-Dichloropropene  
Concen: 3.797 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

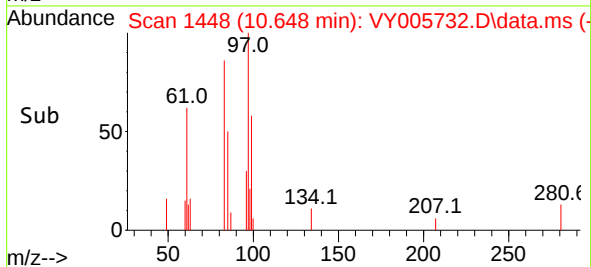
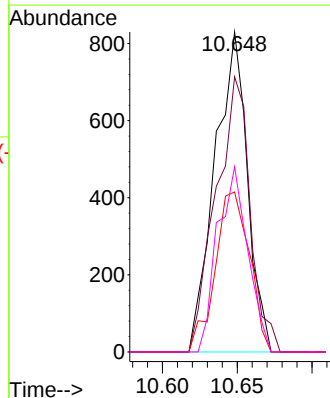
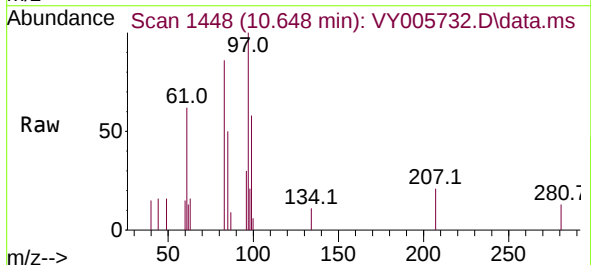
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

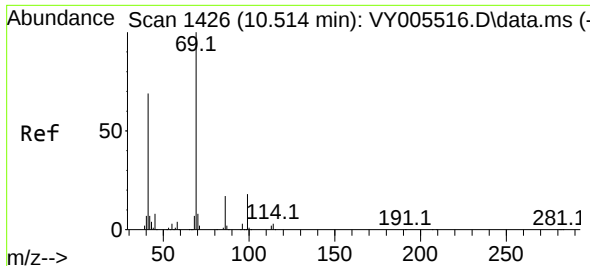
|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 175   |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 0.0      | 24.6 36.8#  |
| 39 33.5     | 38.1 57.1#  |



#55  
1,1,2-Trichloroethane  
Concen: 56.939 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 1251  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 86.0     | 68.7 103.1  |
| 85 50.0     | 42.4 63.6   |
| 99 57.8     | 48.2 72.2   |

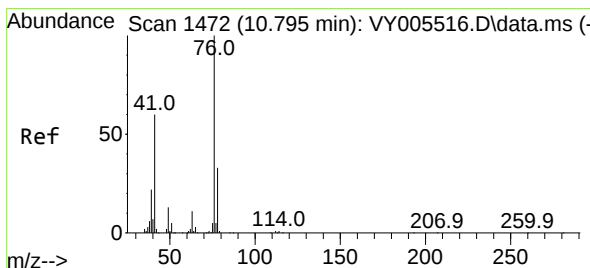
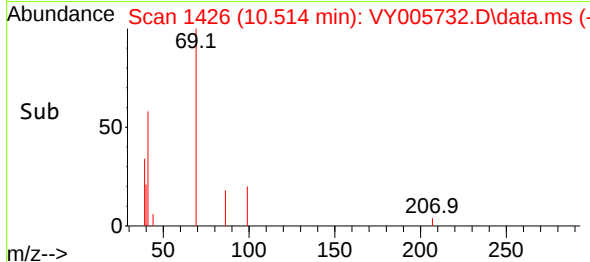
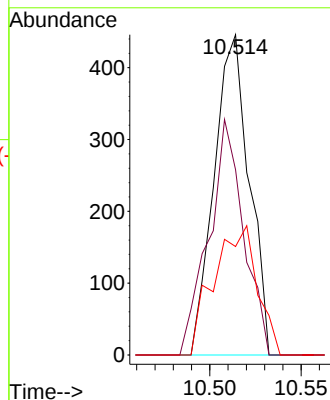
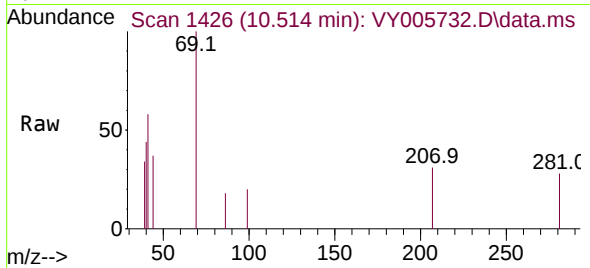




#56  
Ethyl methacrylate  
Concen: 18.055 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

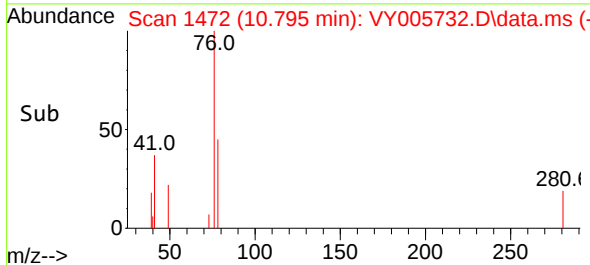
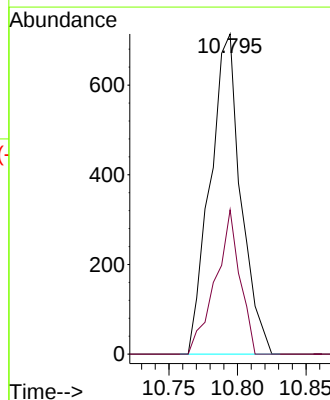
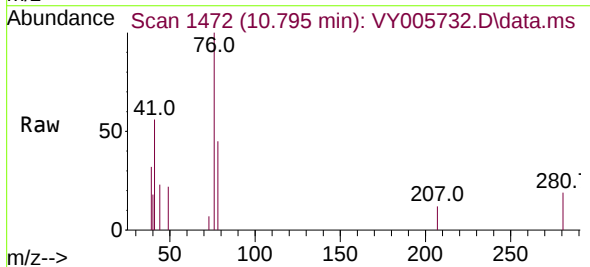
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

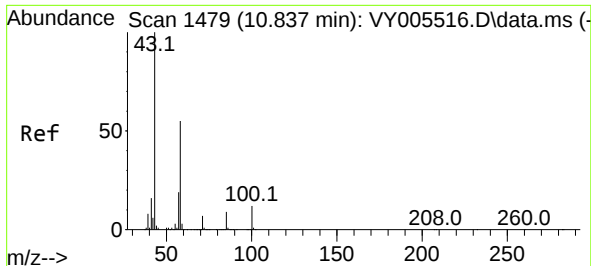
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 594   |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 73.1  | 53.9  | 80.9  |
| 39       | 50.2  | 27.0  | 40.4  |



#57  
1,3-Dichloropropane  
Concen: 28.727 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 76    | Resp: | 1113  |
| Ion      | Ratio | Lower | Upper |
| 76       | 100   |       |       |
| 78       | 35.8  | 25.7  | 38.5  |

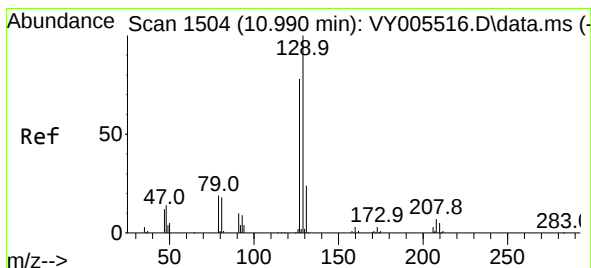
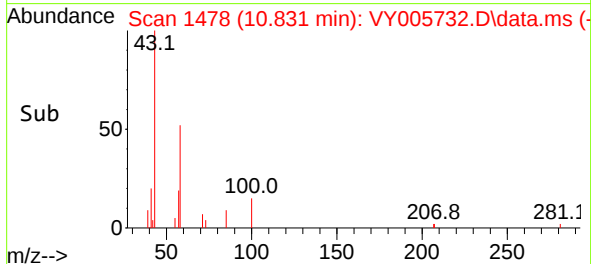
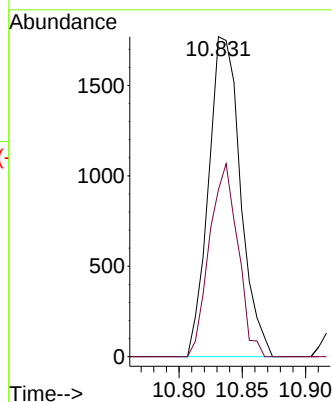
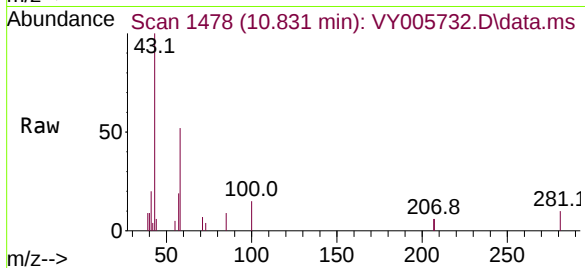




#59  
2-Hexanone  
Concen: 190.038 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

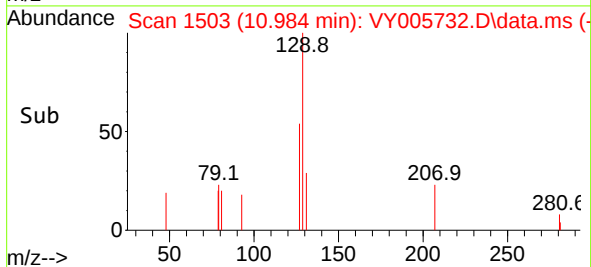
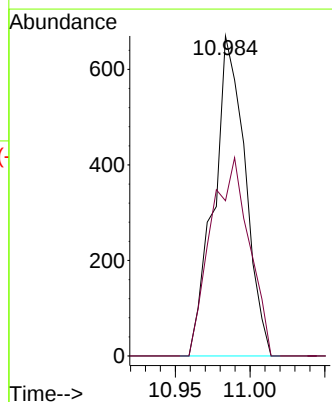
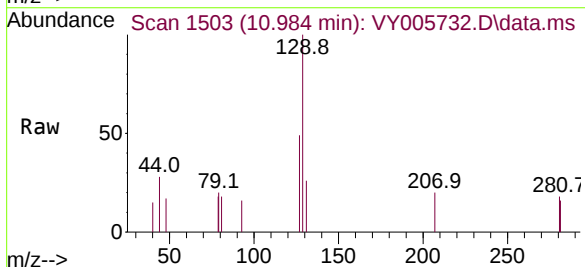
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

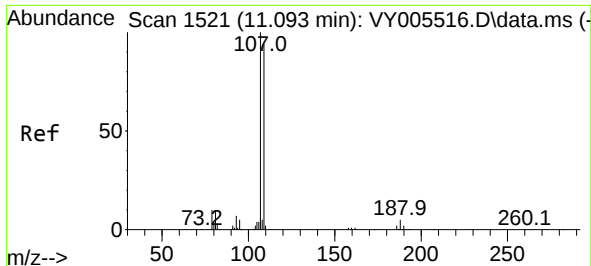
Tgt Ion: 43 Resp: 3110  
Ion Ratio Lower Upper  
43 100  
58 53.7 27.1 81.2



#60  
Dibromochloromethane  
Concen: 35.785 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 129 Resp: 973  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.6 115.7

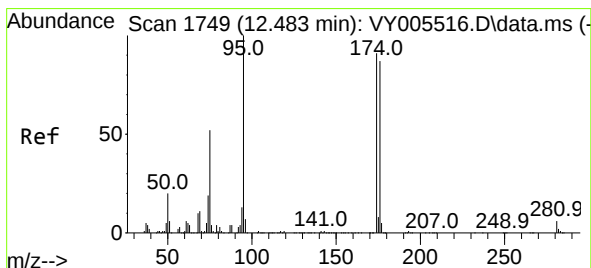
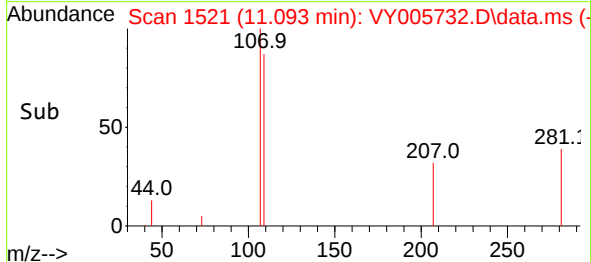
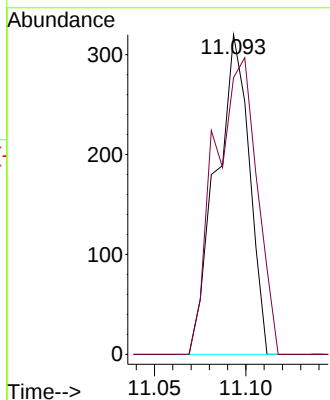
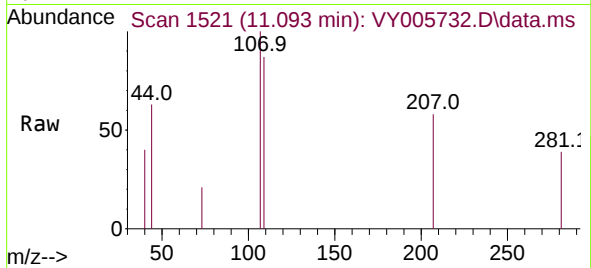




#61  
1,2-Dibromoethane  
Concen: 19.412 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

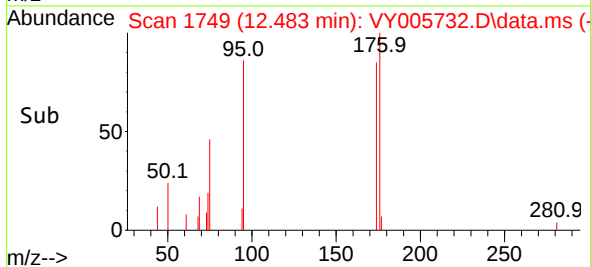
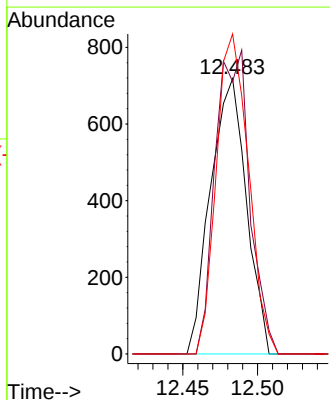
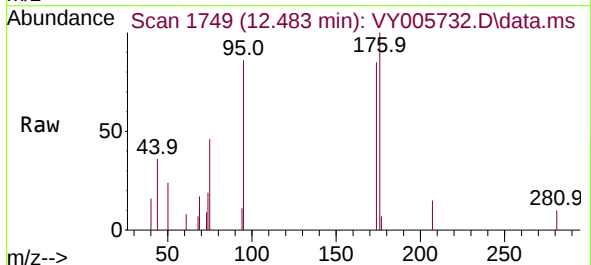
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

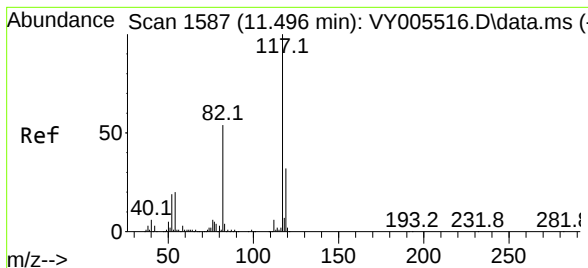
Tgt Ion:107 Resp: 404  
Ion Ratio Lower Upper  
107 100  
109 118.3 74.7 112.1#



#62  
4-Bromofluorobenzene  
Concen: 37.698 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 95 Resp: 1198  
Ion Ratio Lower Upper  
95 100  
174 105.8 0.0 191.4  
176 104.3 0.0 183.6

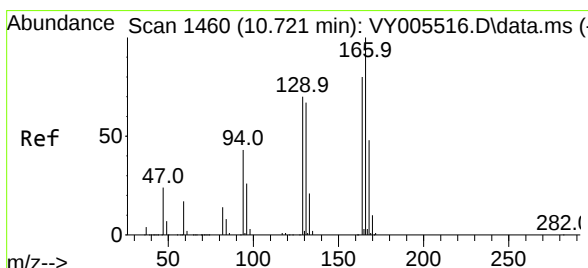
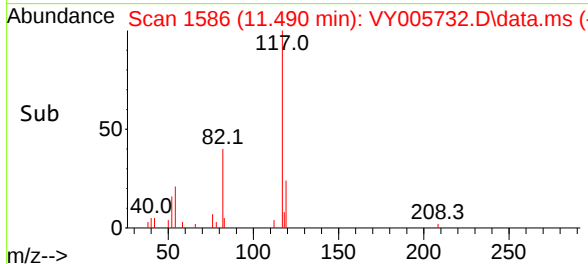
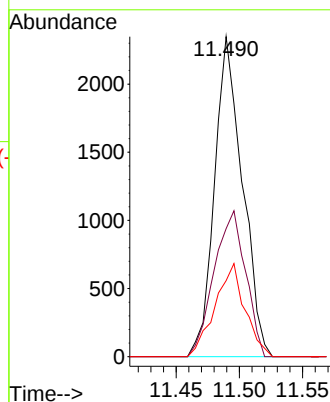
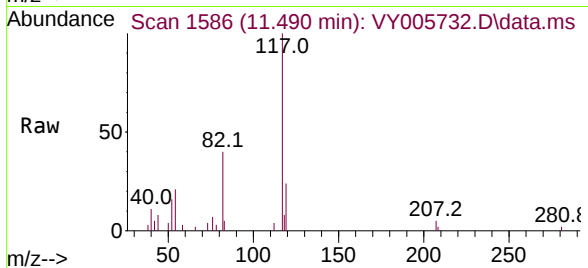




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

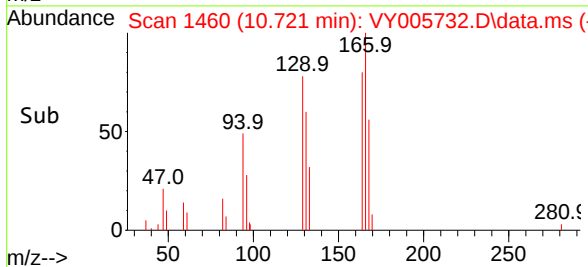
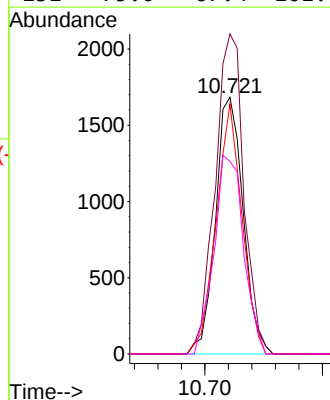
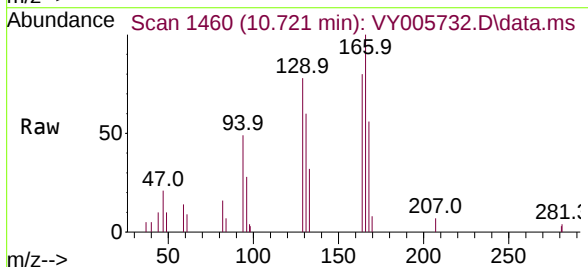
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

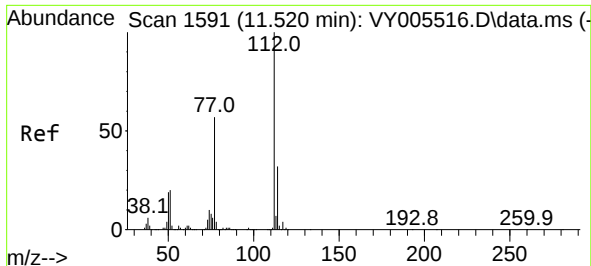
Tgt Ion:117 Resp: 3598  
Ion Ratio Lower Upper  
117 100  
82 40.0 43.5 65.3#  
119 23.8 25.5 38.3#



#64  
Tetrachloroethene  
Concen: 100.411 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion:164 Resp: 2750  
Ion Ratio Lower Upper  
164 100  
166 124.7 99.8 149.8  
129 97.4 70.1 105.1  
131 75.0 67.4 101.0

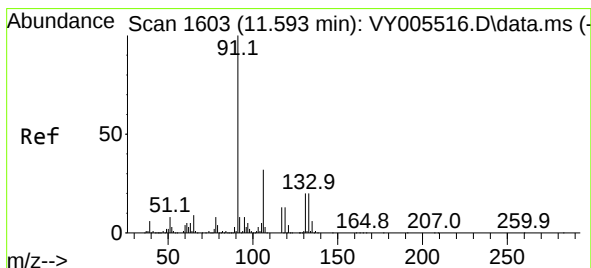
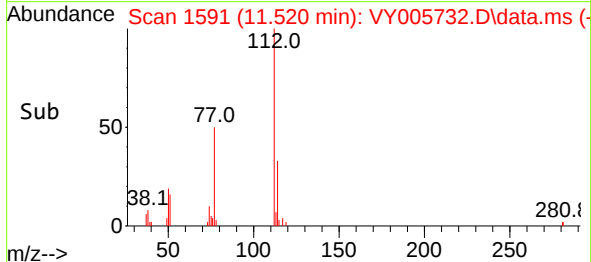
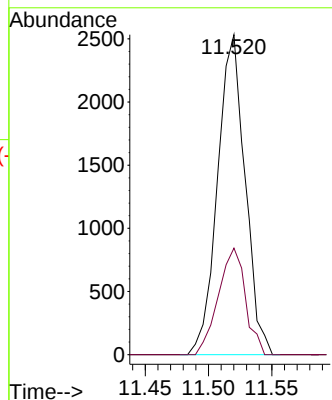
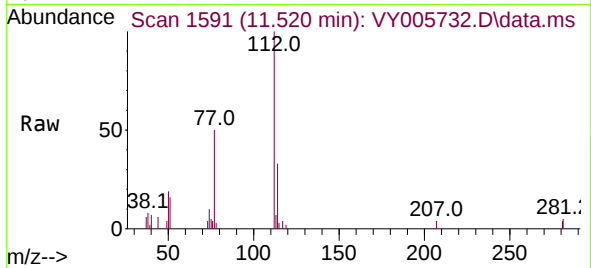




#65  
Chlorobenzene  
Concen: 52.870 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

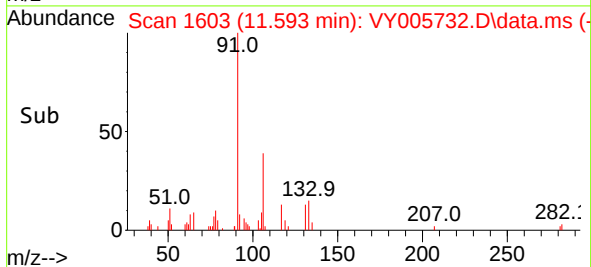
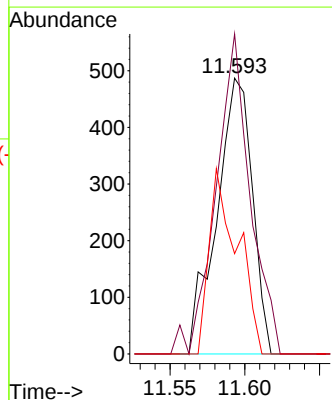
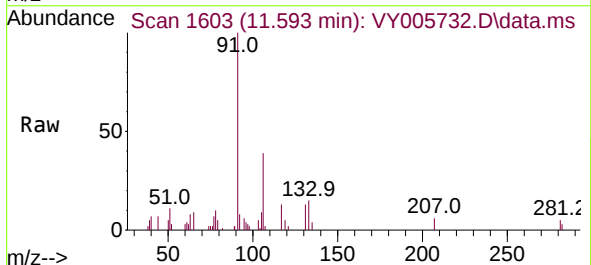
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

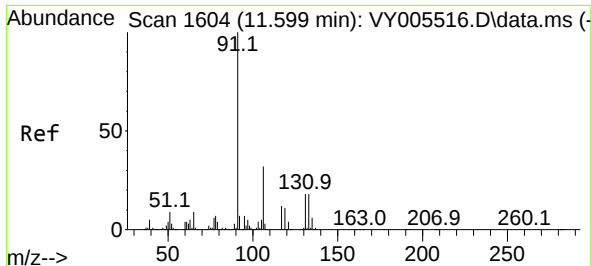
Tgt Ion:112 Resp: 3828  
Ion Ratio Lower Upper  
112 100  
114 33.3 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 29.614 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion:131 Resp: 807  
Ion Ratio Lower Upper  
131 100  
133 111.3 48.2 144.6  
119 53.8 31.4 94.0

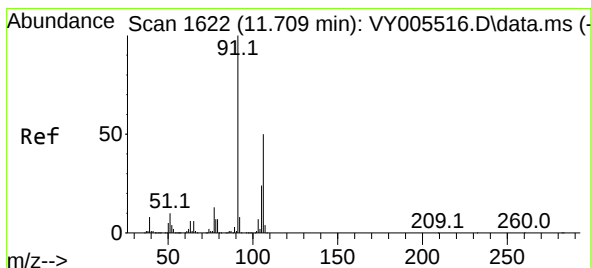
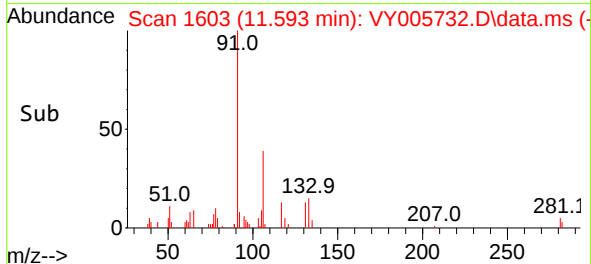
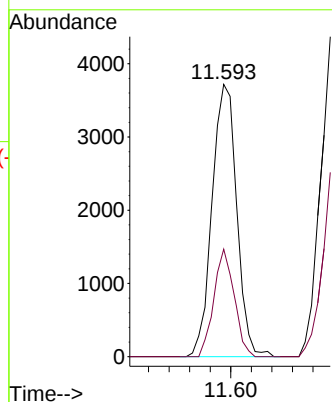
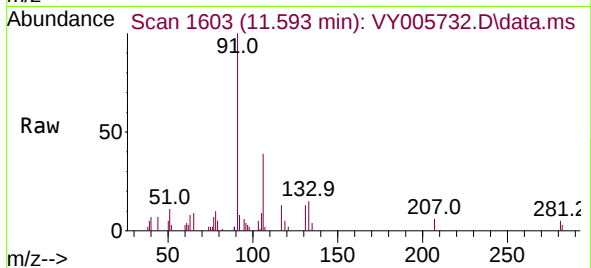




#67  
Ethyl Benzene  
Concen: 47.163 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

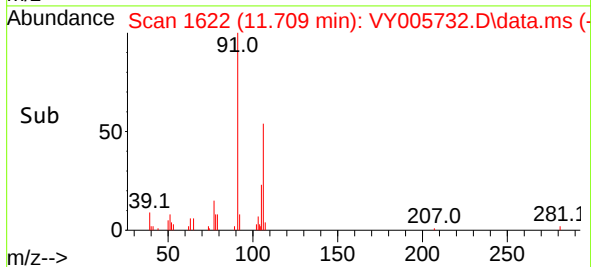
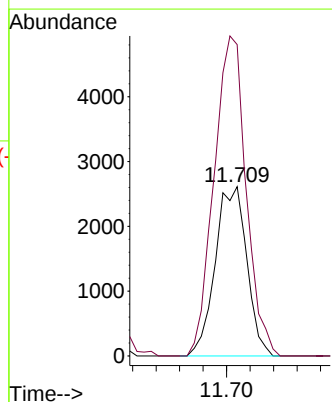
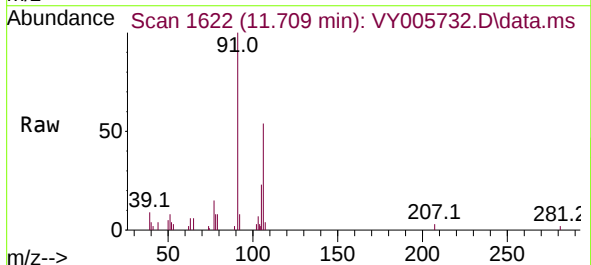
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

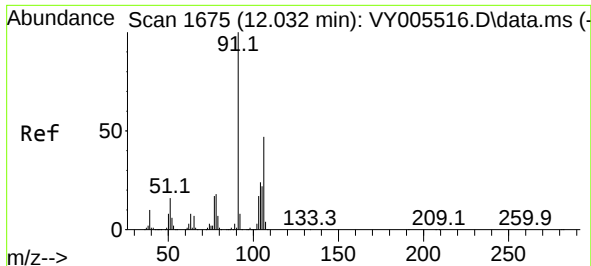
Tgt Ion: 91 Resp: 6192  
Ion Ratio Lower Upper  
91 100  
106 39.5 25.8 38.6#



#68  
m/p-Xylenes  
Concen: 95.541 ug/l  
RT: 11.709 min Scan# 1622  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion:106 Resp: 4872  
Ion Ratio Lower Upper  
106 100  
91 192.5 159.6 239.4

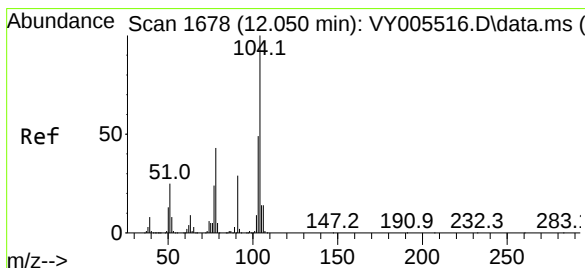
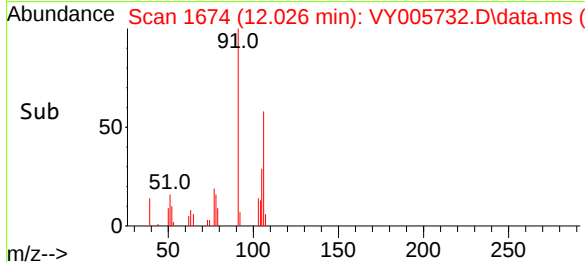
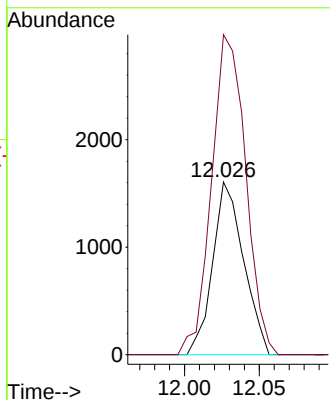
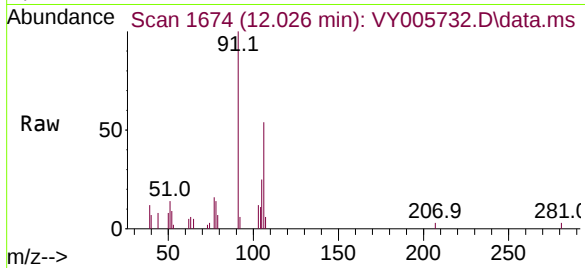




#69  
o-Xylene  
Concen: 47.111 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

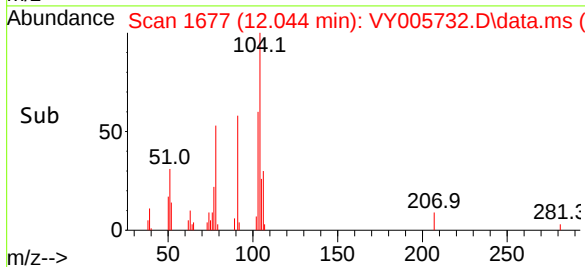
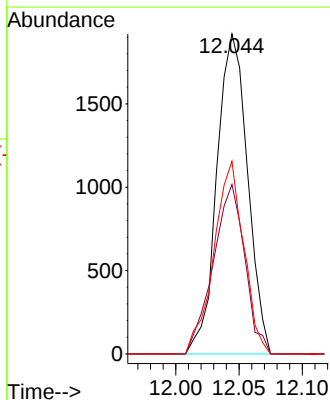
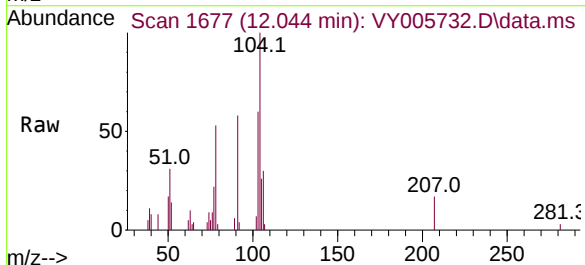
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

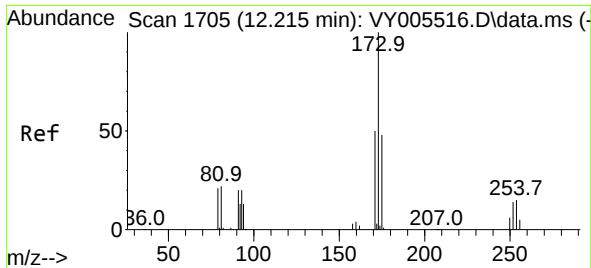
Tgt Ion:106 Resp: 2309  
Ion Ratio Lower Upper  
106 100  
91 204.9 106.2 318.6



#70  
Styrene  
Concen: 39.225 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion:104 Resp: 3236  
Ion Ratio Lower Upper  
104 100  
78 54.6 40.2 60.4  
103 58.5 43.8 65.8

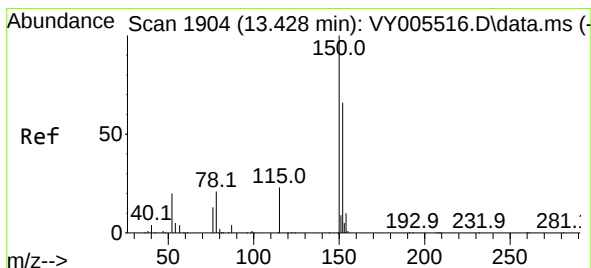
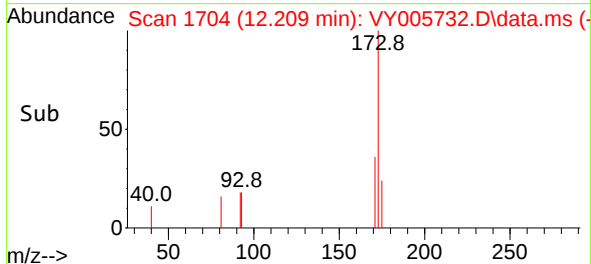
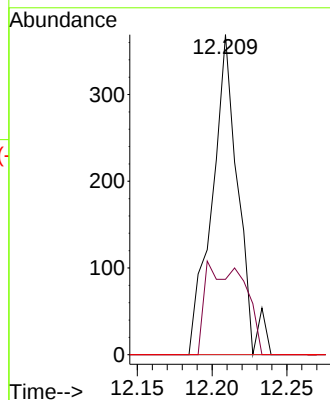
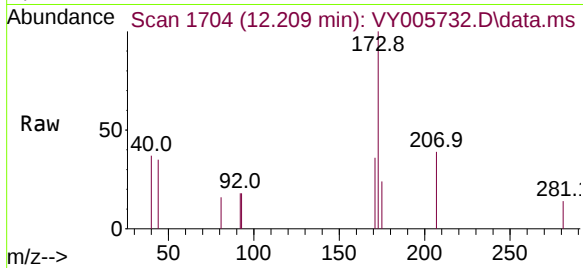




#71  
Bromoform  
Concen: 25.407 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

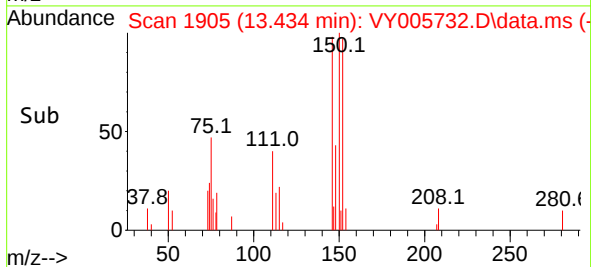
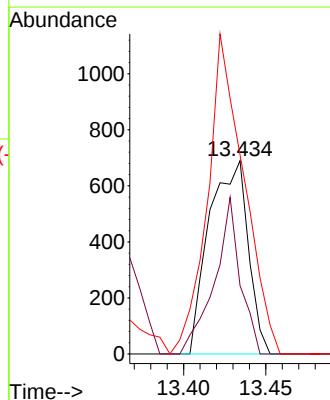
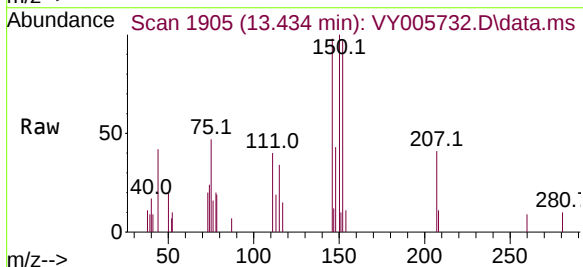
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

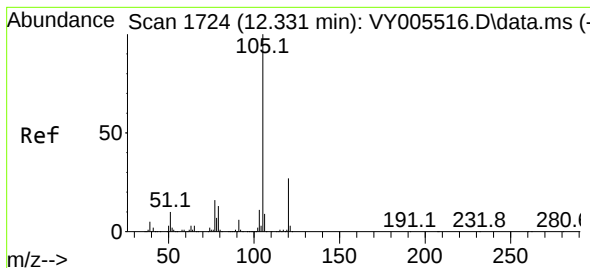
Tgt Ion:173 Resp: 449  
Ion Ratio Lower Upper  
173 100  
175 42.8 24.3 72.9  
254 0.0 0.2 0.2#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.434 min Scan# 1905  
Delta R.T. 0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion:152 Resp: 1134  
Ion Ratio Lower Upper  
152 100  
115 53.7 27.3 81.9  
150 154.9 0.0 350.2





#73

Isopropylbenzene

Concen: 74.726 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY005732.D

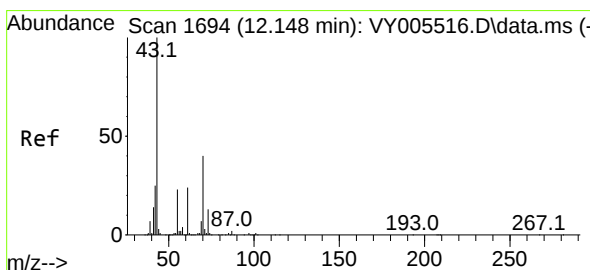
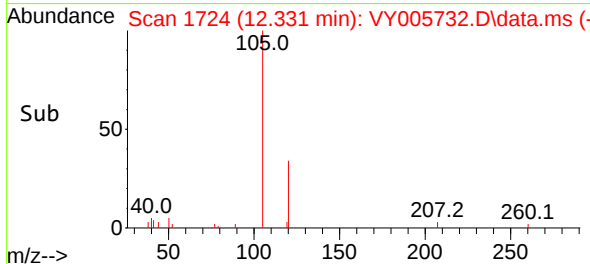
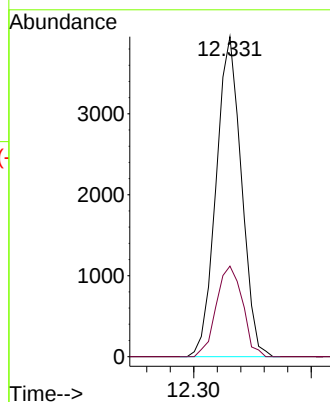
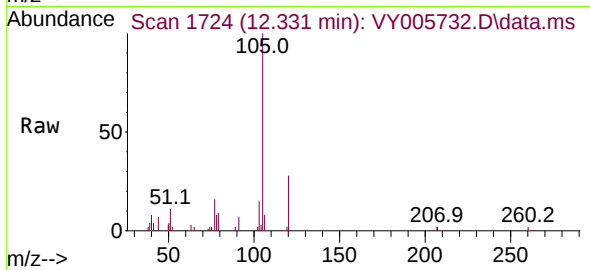
Acq: 18 Aug 2021 12:16

Tgt Ion:105 Resp: 5915

Ion Ratio Lower Upper

105 100

120 29.4 13.7 41.1



#74

N-ethyl acetate

Concen: 26.565 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY005732.D

Acq: 18 Aug 2021 12:16

Tgt Ion: 43 Resp: 633

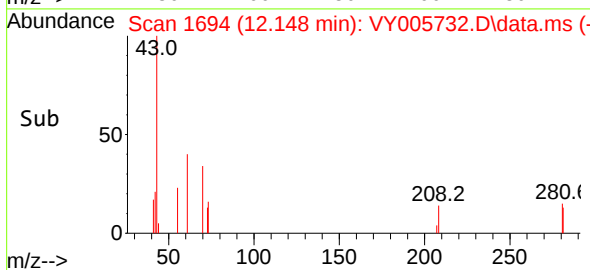
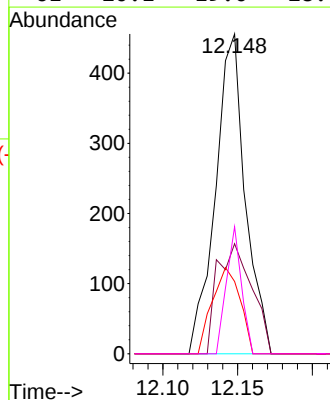
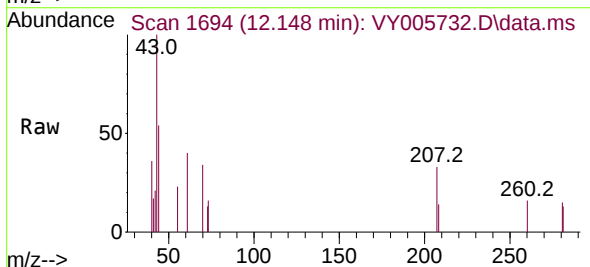
Ion Ratio Lower Upper

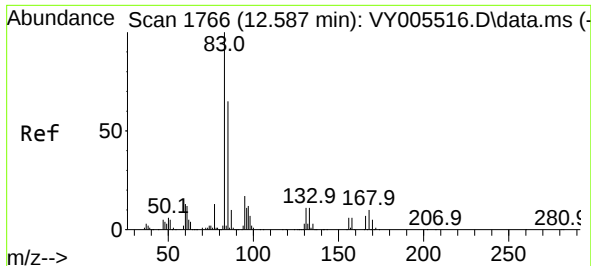
43 100

70 39.8 32.9 49.3

55 25.0 18.9 28.3

61 20.1 19.0 28.6

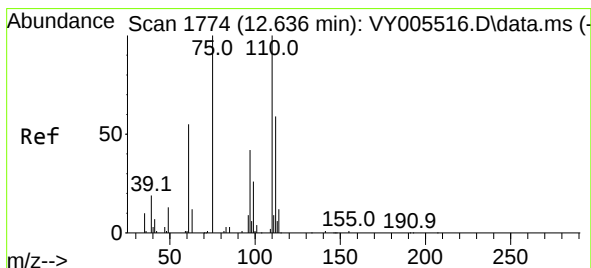
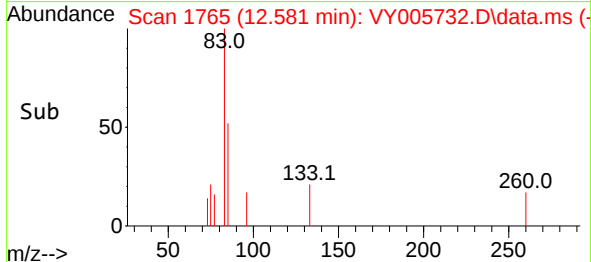
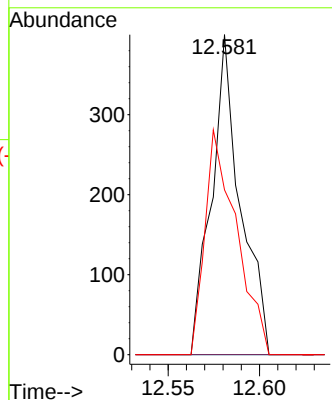
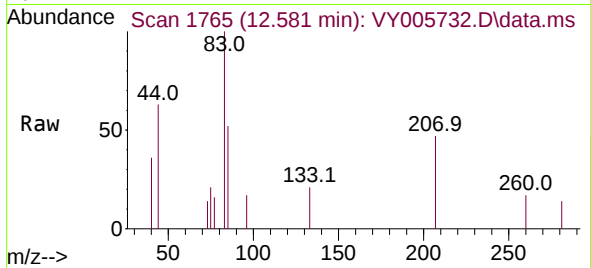




#75  
1,1,2,2-Tetrachloroethane  
Concen: 28.900 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

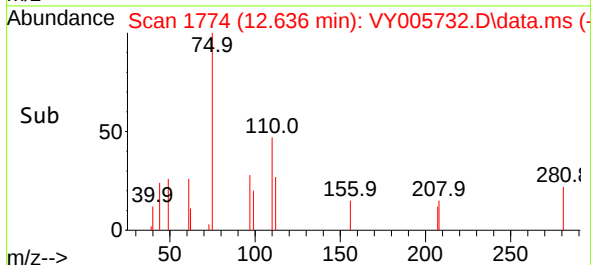
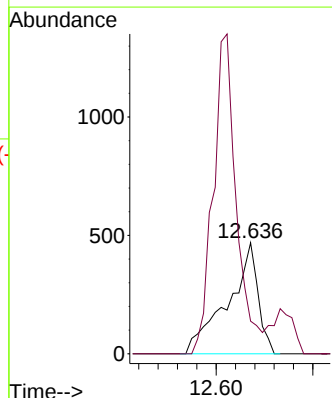
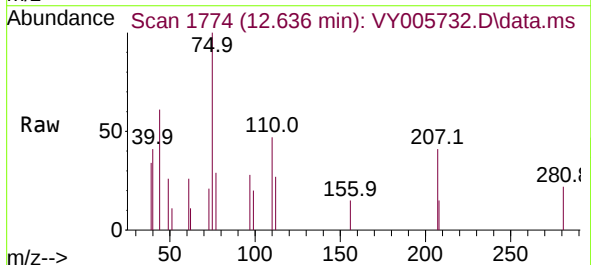
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

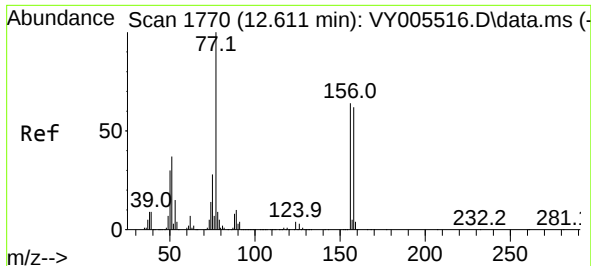
Tgt Ion: 83 Resp: 440  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.6 16.8#  
85 76.6 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 86.882 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 75 Resp: 1021  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

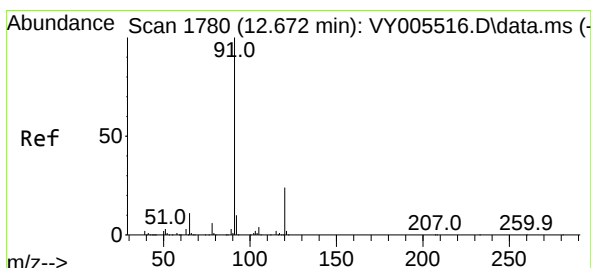
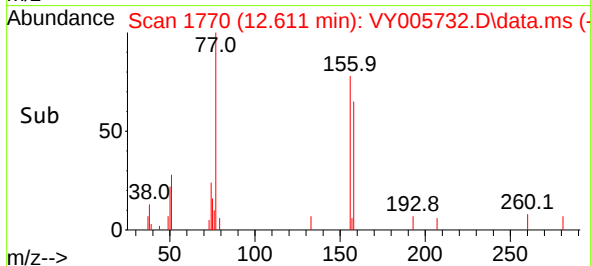
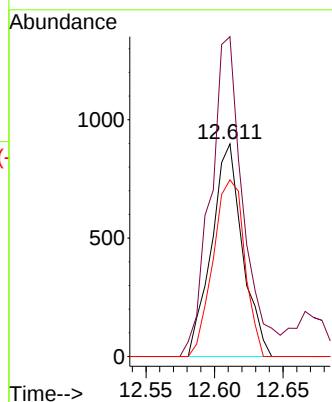
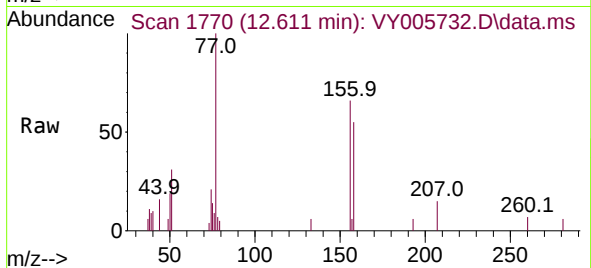




#77  
Bromobenzene  
Concen: 72.554 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

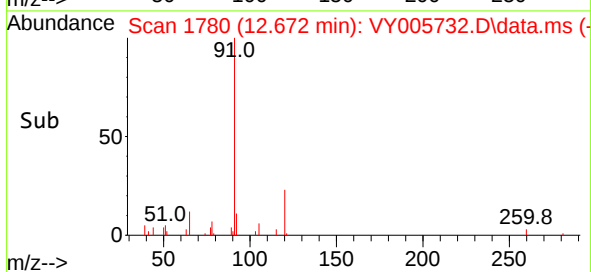
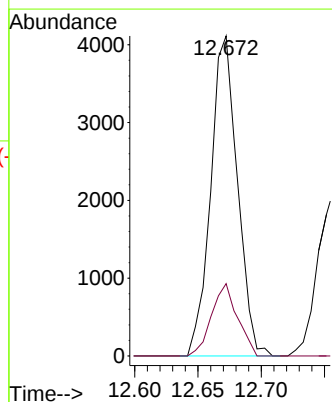
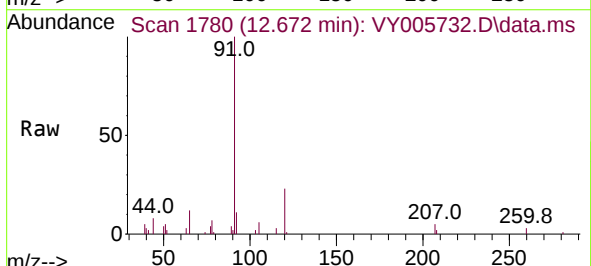
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

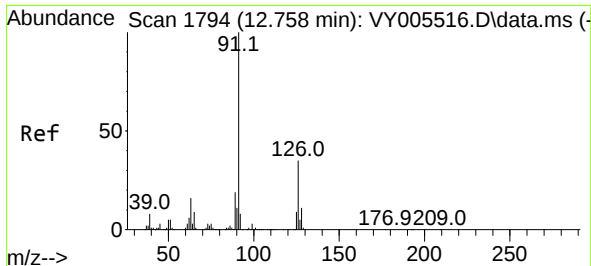
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 1411  |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 159.1 | 85.5  | 256.5 |
| 158       | 84.6  | 48.5  | 145.6 |



#78  
n-propylbenzene  
Concen: 64.321 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 91    | Resp: | 6047 |
| Ion Ratio | Lower | Upper |      |
| 91        | 100   |       |      |
| 120       | 21.9  | 11.9  | 35.9 |

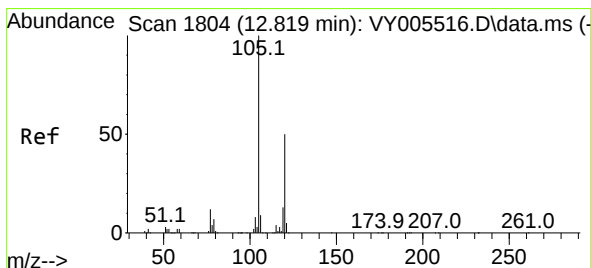
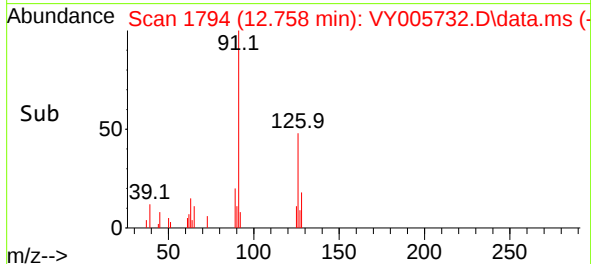
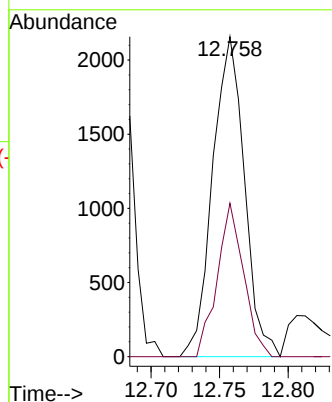
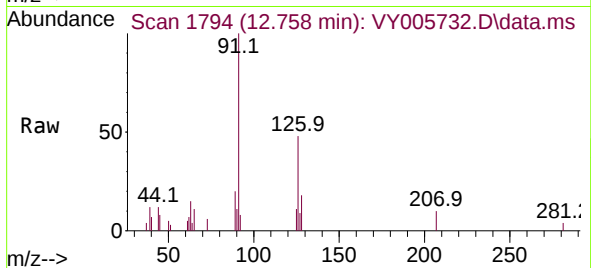




#79  
2-Chlorotoluene  
Concen: 65.769 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

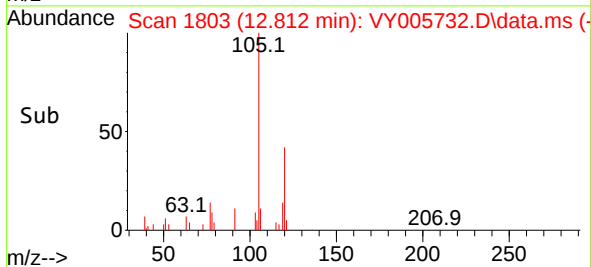
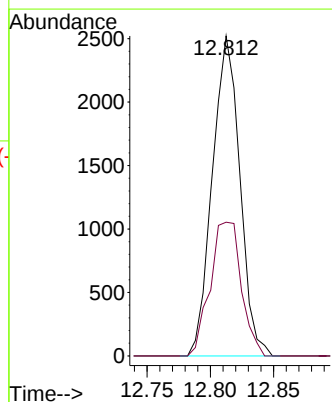
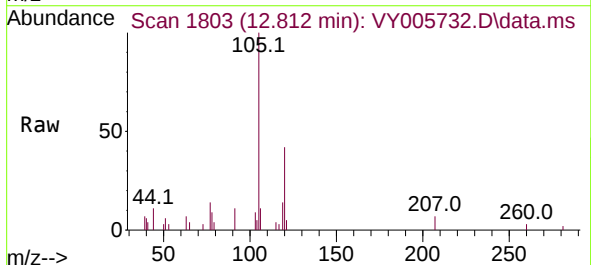
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

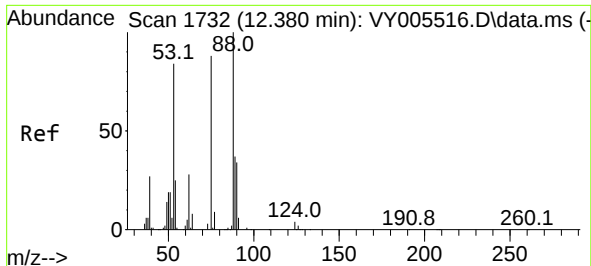
Tgt Ion: 91 Resp: 3472  
Ion Ratio Lower Upper  
91 100  
126 39.8 17.5 52.6



#80  
1,3,5-Trimethylbenzene  
Concen: 57.968 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 105 Resp: 3808  
Ion Ratio Lower Upper  
105 100  
120 47.4 25.0 75.0

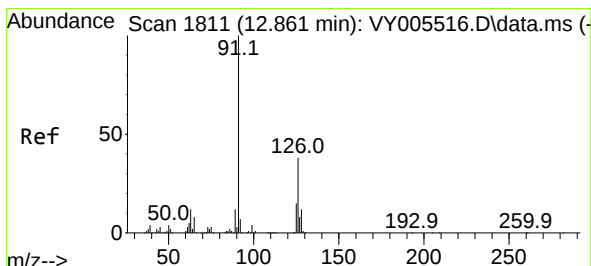
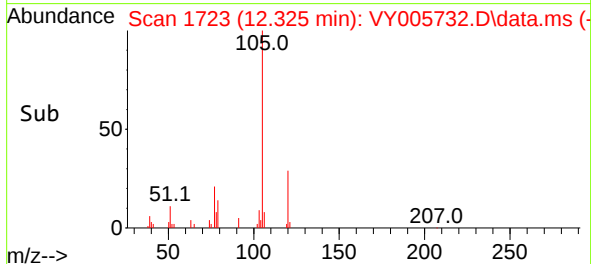
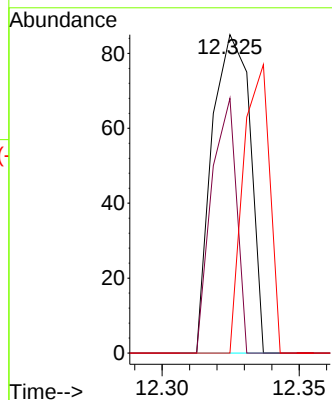
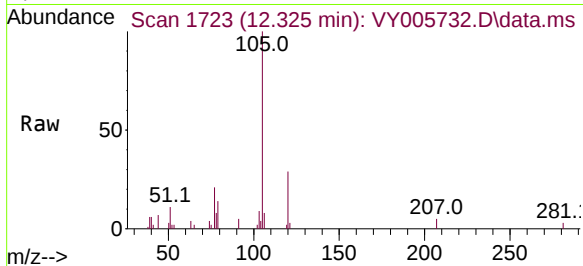




#81  
trans-1,4-Dichloro-2-butene  
Concen: 14.066 ug/l  
RT: 12.325 min Scan# 1723  
Delta R.T. -0.055 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

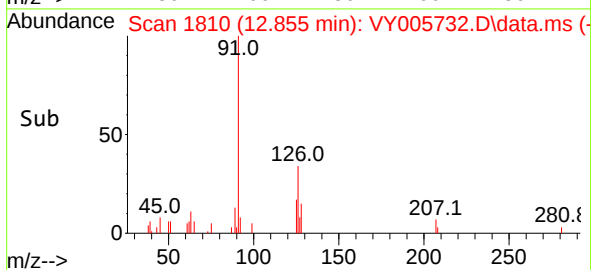
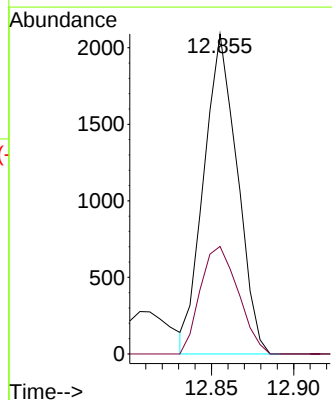
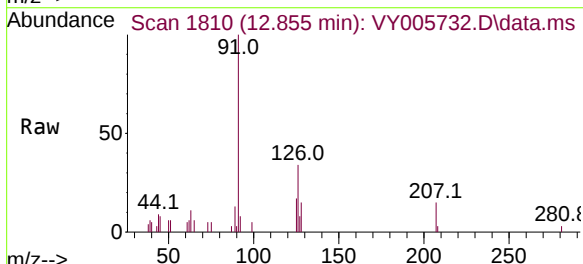
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

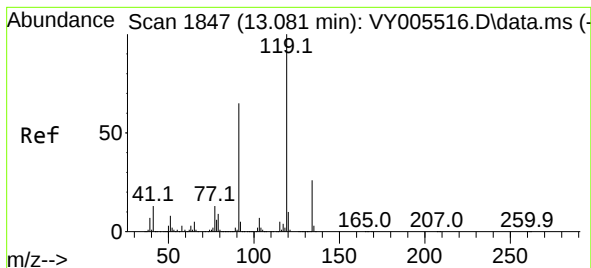
Tgt Ion: 75 Resp: 82  
Ion Ratio Lower Upper  
75 100  
53 52.4 76.7 115.1#  
89 62.2 38.4 57.6#



#82  
4-Chlorotoluene  
Concen: 53.971 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Tgt Ion: 91 Resp: 2948  
Ion Ratio Lower Upper  
91 100  
126 38.0 17.5 52.5

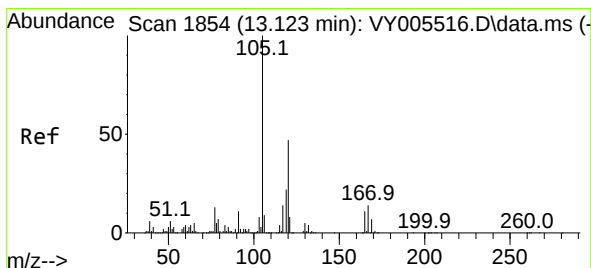
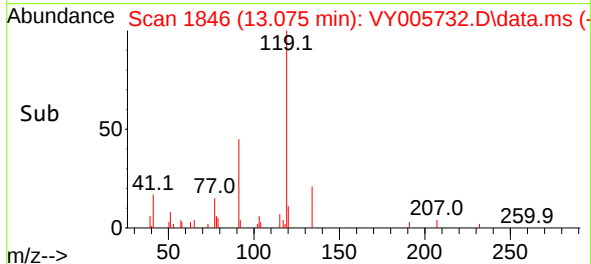
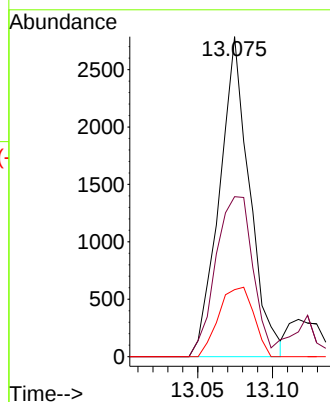
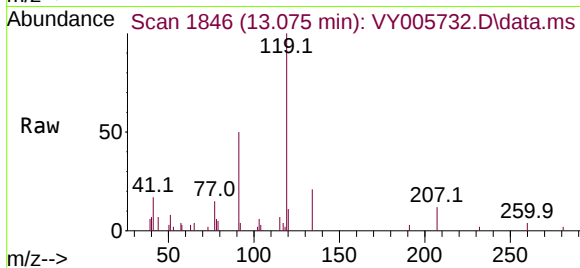




#83  
tert-Butylbenzene  
Concen: 66.178 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

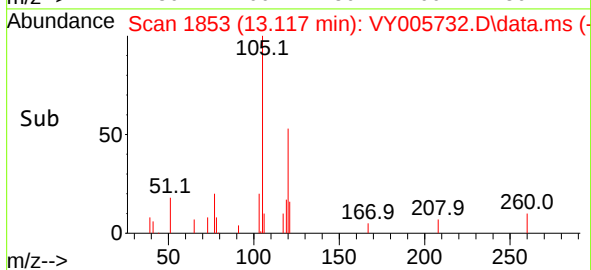
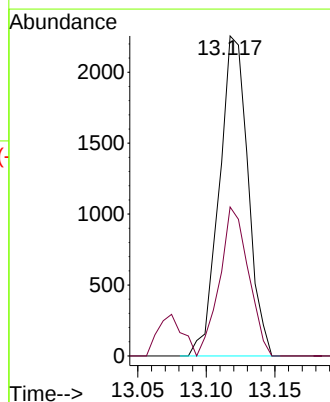
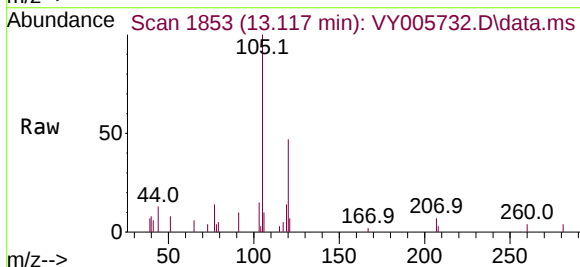
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

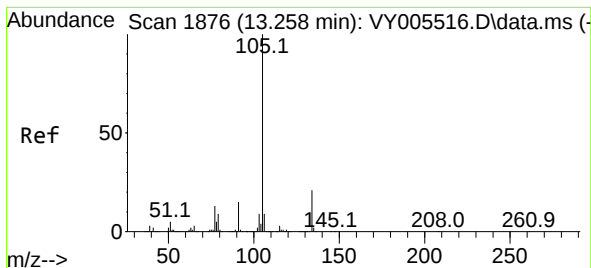
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 3901  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 63.1  | 31.9  | 95.9  |
| 134      | 25.2  | 13.4  | 40.2  |



#84  
1,2,4-Trimethylbenzene  
Concen: 50.787 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 3292  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 46.5  | 22.9  | 68.5  |

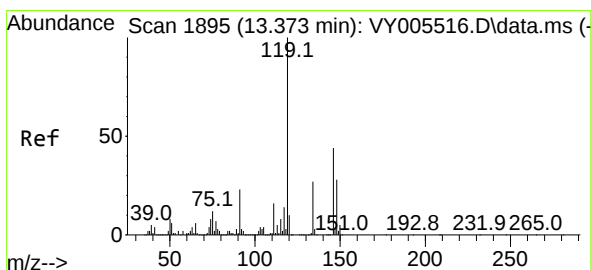
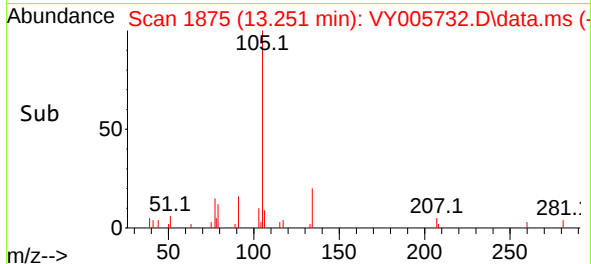
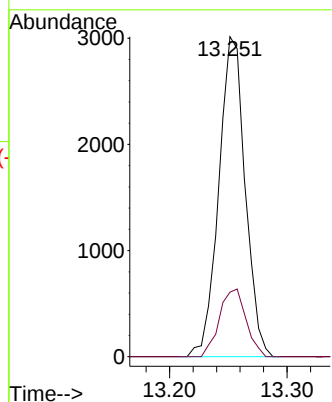
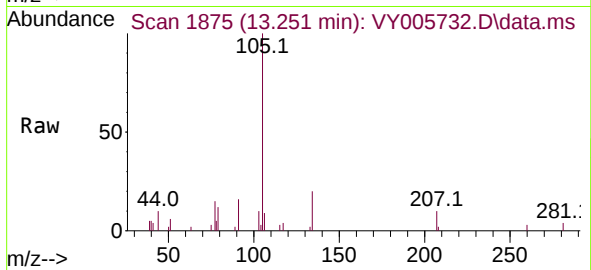




#85  
 sec-Butylbenzene  
 Concen: 55.374 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.006 min  
 Lab File: VY005732.D  
 Acq: 18 Aug 2021 12:16

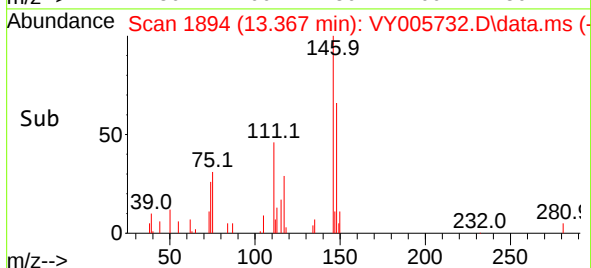
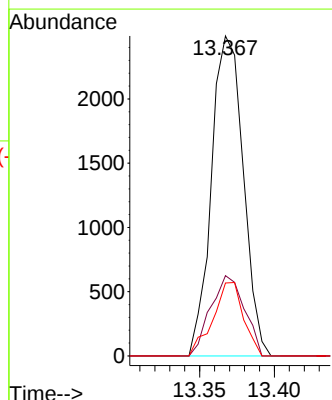
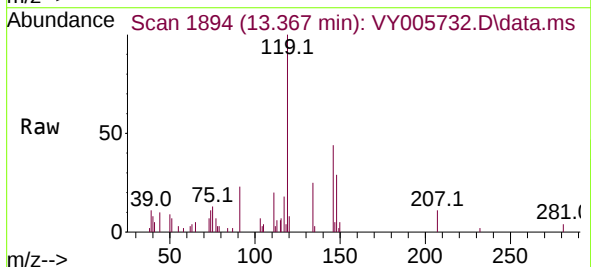
Instrument :  
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 ClientSampleId :  
 SWCS-03-1015MSD

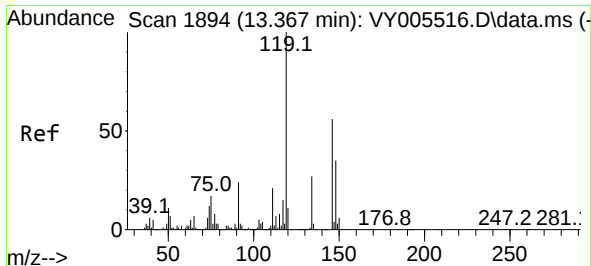
Tgt Ion:105 Resp: 4708  
 Ion Ratio Lower Upper  
 105 100  
 134 21.4 10.5 31.5



#86  
 p-Isopropyltoluene  
 Concen: 50.441 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.006 min  
 Lab File: VY005732.D  
 Acq: 18 Aug 2021 12:16

Tgt Ion:119 Resp: 3682  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.6 40.7  
 91 22.0 11.6 34.7



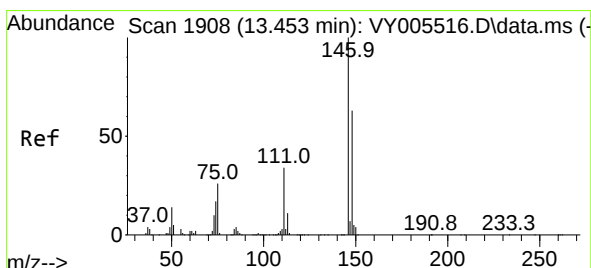
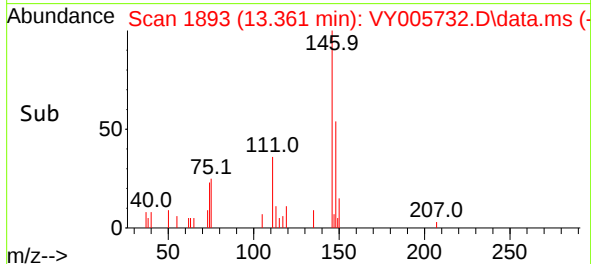
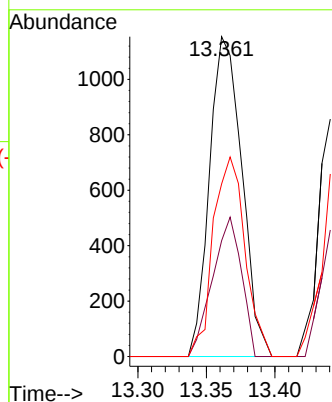
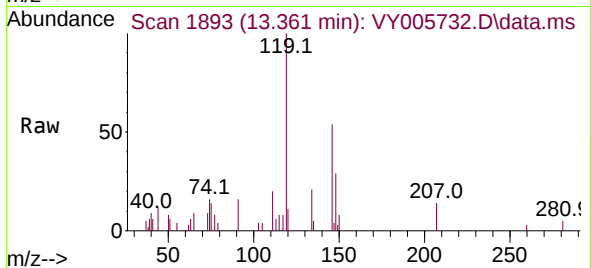


#87

1,3-Dichlorobenzene  
Concen: 49.965 ug/l  
RT: 13.361 min Scan# 1893  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

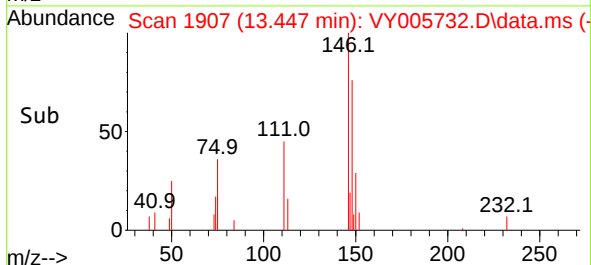
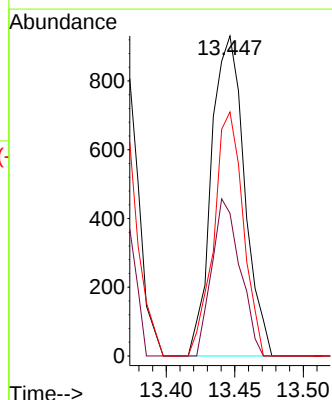
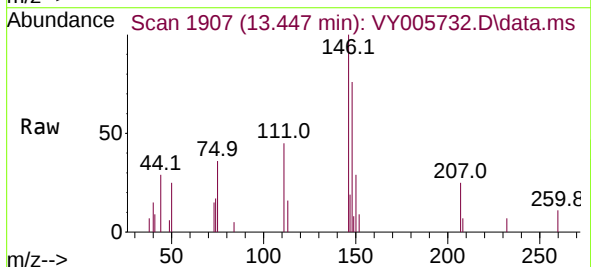
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 1896      |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 38.9  | 18.6 56.0 |
| 148         | 61.6  | 31.7 95.1 |

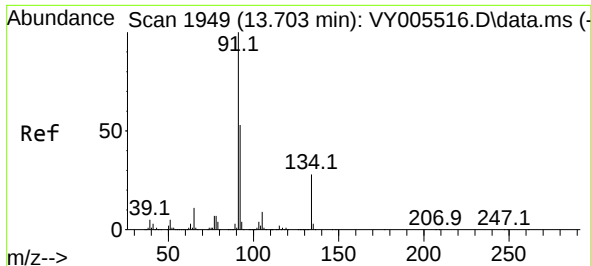


#88

1,4-Dichlorobenzene  
Concen: 41.414 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 1559      |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 42.1  | 18.1 54.3 |
| 148         | 67.8  | 31.8 95.3 |

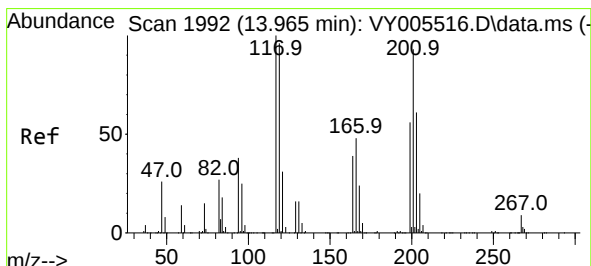
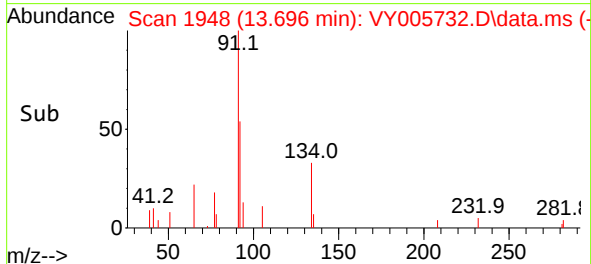
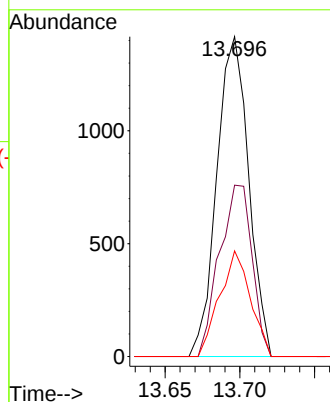
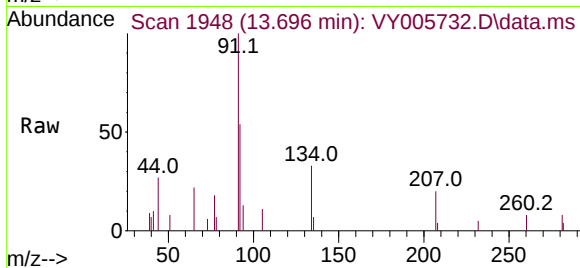




#89  
n-Butylbenzene  
Concen: 31.710 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

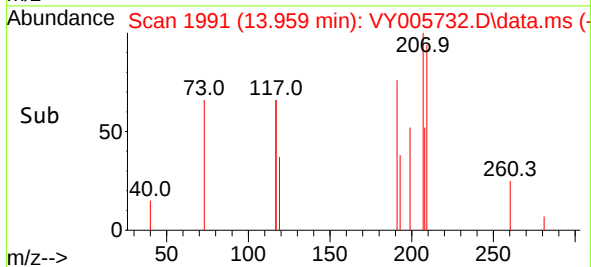
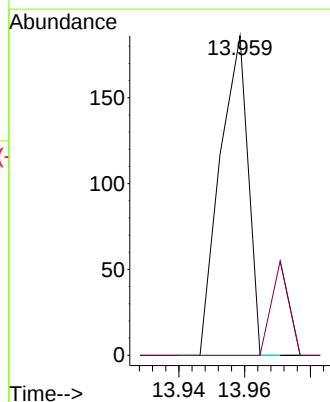
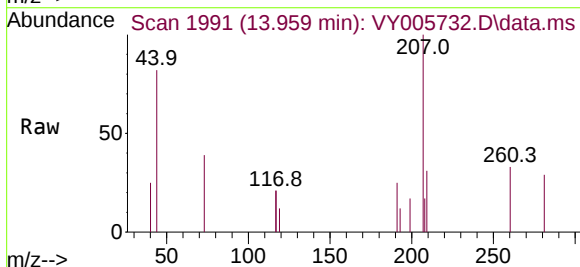
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MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

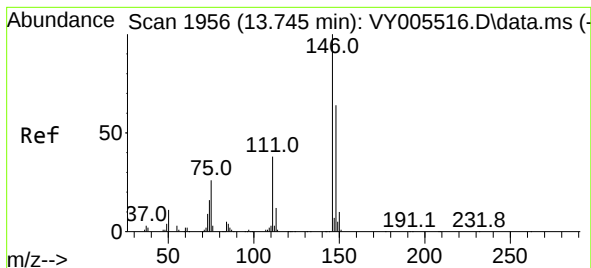
|             |                |
|-------------|----------------|
| Tgt Ion: 91 | Resp: 2097     |
| Ion Ratio   | Lower Upper    |
| 91          | 100            |
| 92          | 54.7 26.7 80.1 |
| 134         | 31.9 13.8 41.4 |



#90  
Hexachloroethane  
Concen: 8.458 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

|              |                  |
|--------------|------------------|
| Tgt Ion: 117 | Resp: 111        |
| Ion Ratio    | Lower Upper      |
| 117          | 100              |
| 201          | 18.0 46.7 140.1# |

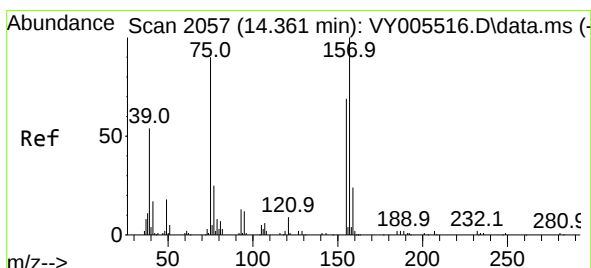
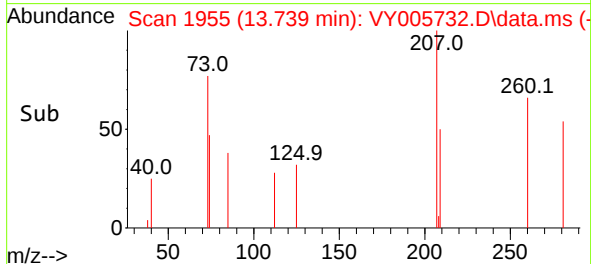
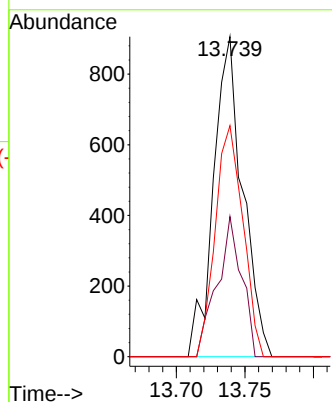
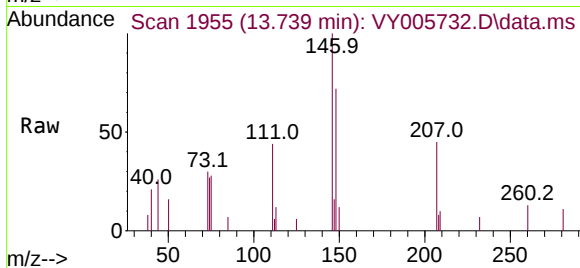




#91  
1,2-Dichlorobenzene  
Concen: 40.008 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

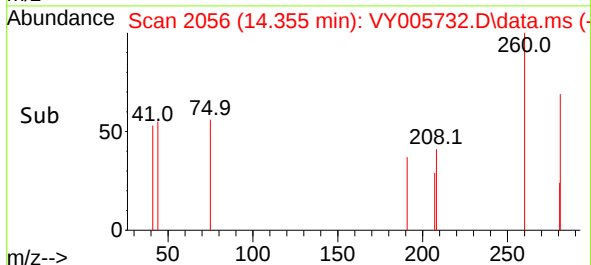
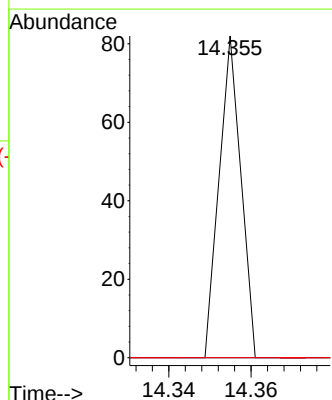
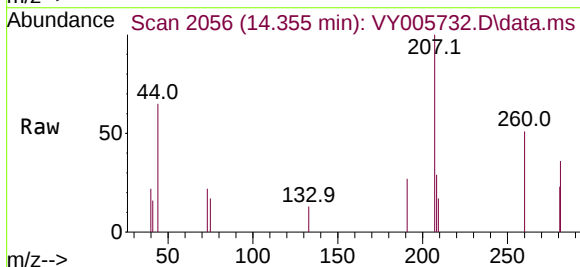
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

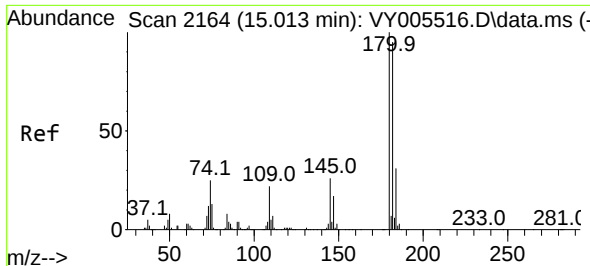
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 1341  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 36.9  | 19.4  | 58.2  |
| 148      | 68.3  | 31.9  | 95.5  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 10.394 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 30     |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 155      | 0.0   | 42.4  | 127.1# |
| 157      | 0.0   | 56.0  | 168.2# |

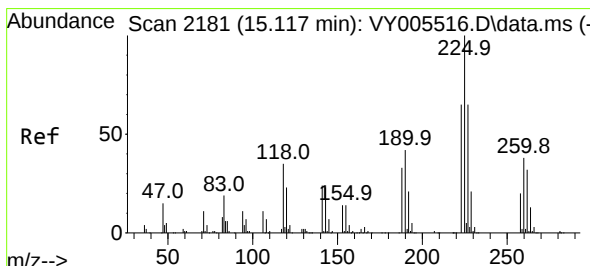
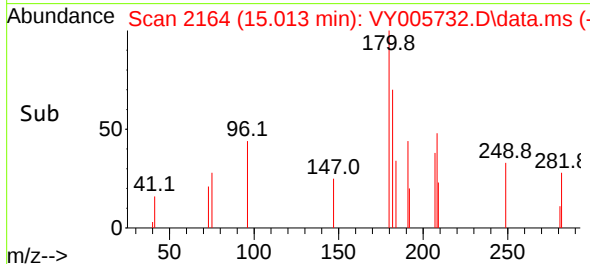
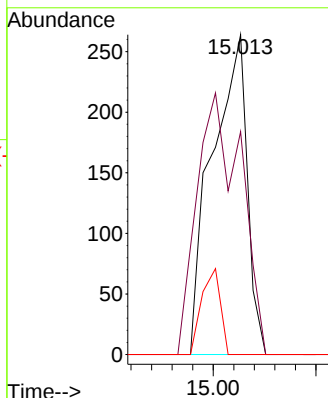
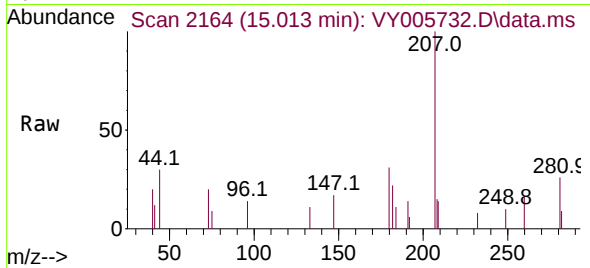




#93  
1,2,4-Trichlorobenzene  
Concen: 13.507 ug/l  
RT: 15.013 min Scan# 2164  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

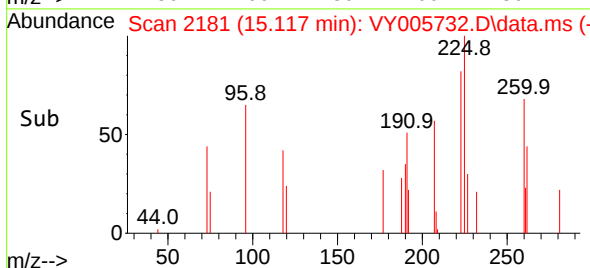
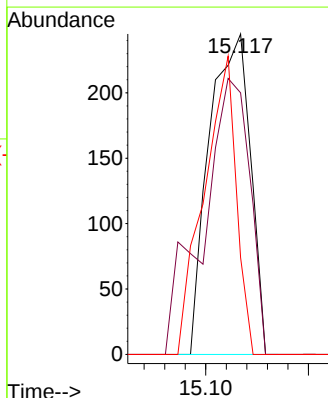
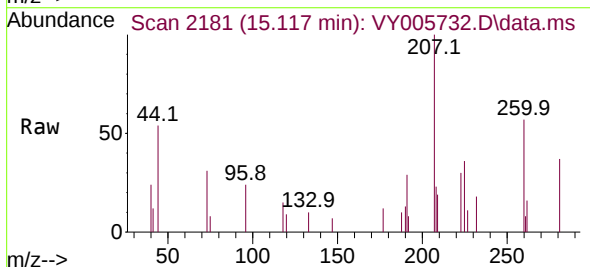
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

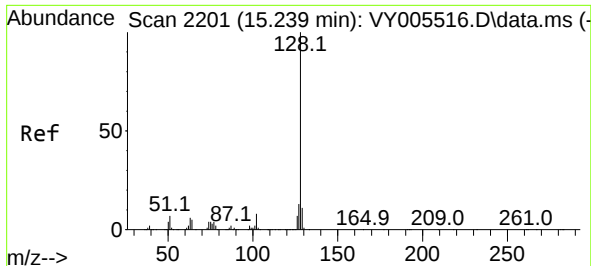
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 311   |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 102.6 | 47.8  | 143.4 |
| 145      | 14.5  | 14.0  | 42.0  |



#94  
Hexachlorobutadiene  
Concen: 22.806 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 340   |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 98.5  | 31.4  | 94.0# |
| 227      | 72.9  | 32.2  | 96.6  |

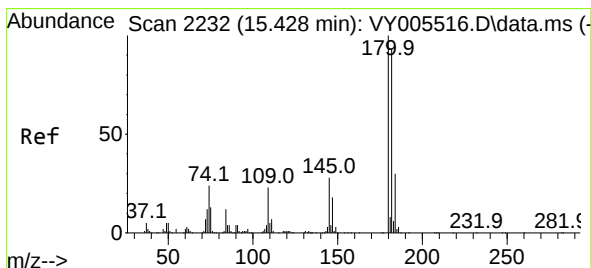
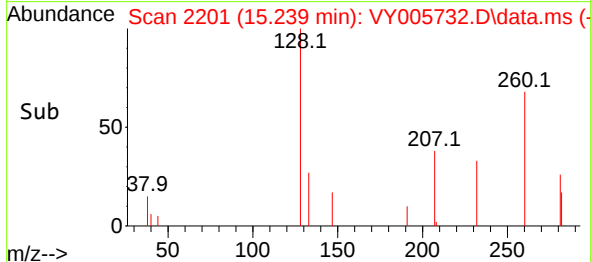
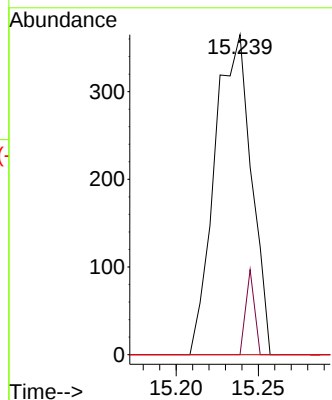
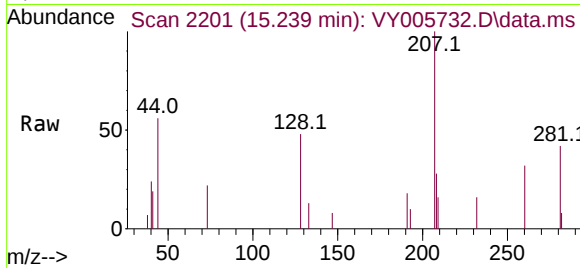




#95  
Naphthalene  
Concen: 12.448 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SWCS-03-1015MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 565   |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 6.2   | 10.6  | 15.8# |
| 129      | 0.0   | 8.7   | 13.1# |



#96  
1,2,3-Trichlorobenzene  
Concen: 5.098 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.006 min  
Lab File: VY005732.D  
Acq: 18 Aug 2021 12:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 104    |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 222.1 | 47.9  | 143.6# |
| 145      | 0.0   | 14.6  | 44.0#  |

