

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062821\  
 Data File : VY005238.D  
 Acq On : 28 Jun 2021 10:26  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 29 01:13:18 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062221S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 07:57:52 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 327444   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 452749   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 414188   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 215361   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 135086   | 49.713   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 99.420%  |
| 35) Dibromofluoromethane    | 7.728  | 113   | 138332   | 51.808   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 103.620% |
| 50) Toluene-d8              | 10.185 | 98    | 555048   | 51.980   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 103.960% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 183797   | 51.654   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 103.300% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.912 | 85  | 103912  | 48.261  | ug/l   | 99  |
| 3) Chloromethane             | 2.119 | 50  | 147620  | 51.479  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.259 | 62  | 167896  | 51.209  | ug/l   | 98  |
| 5) Bromomethane              | 2.656 | 94  | 111637  | 53.683  | ug/l   | 97  |
| 6) Chloroethane              | 2.802 | 64  | 104044  | 48.528  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 231317  | 52.776  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.540 | 74  | 79992   | 48.785  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 3.905 | 101 | 132386  | 49.335  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.101 | 142 | 166010  | 43.490  | ug/l   | 100 |
| 11) Tert butyl alcohol       | 4.978 | 59  | 54273   | 131.963 | ug/l # | 95  |
| 12) 1,1-Dichloroethene       | 3.881 | 96  | 132534  | 48.886  | ug/l   | 98  |
| 13) Acrolein                 | 3.741 | 56  | 40538   | 303.611 | ug/l   | 92  |
| 14) Allyl chloride           | 4.491 | 41  | 186403  | 47.866  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.180 | 53  | 183279  | 240.625 | ug/l   | 100 |
| 16) Acetone                  | 3.960 | 43  | 162555  | 258.955 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.204 | 76  | 406627  | 47.687  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.485 | 43  | 76121   | 45.629  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.228 | 73  | 361641  | 48.790  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.722 | 84  | 152749  | 45.230  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.228 | 96  | 149687  | 49.585  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.131 | 45  | 393137  | 48.563  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.070 | 43  | 1283502 | 245.000 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.027 | 63  | 244408  | 48.645  | ug/l   | 99  |
| 25) 2-Butanone               | 6.996 | 43  | 226269  | 247.198 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 6.990 | 77  | 217384  | 49.616  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.996 | 96  | 167162  | 49.235  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.344 | 49  | 102725  | 51.101  | ug/l   | 95  |
| 29) Tetrahydrofuran          | 7.356 | 42  | 142113  | 235.978 | ug/l   | 99  |
| 30) Chloroform               | 7.515 | 83  | 249858  | 48.869  | ug/l   | 98  |
| 31) Cyclohexane              | 7.789 | 56  | 224271  | 46.230  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.710 | 97  | 223825  | 49.083  | ug/l   | 100 |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 197744  | 49.600  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.088 | 43  | 98395   | 47.860  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 208497  | 49.959  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.185 | 83  | 259150  | 50.227  | ug/l   | 99  |
| 40) Benzene                  | 8.167 | 78  | 580869  | 49.411  | ug/l   | 99  |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 29 01:13:18 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062221S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 07:57:52 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.356  | 41   | 130622   | 114.561 | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 156185   | 48.914  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.283  | 43   | 181426   | 48.010  | ug/l   | 98       |
| 44) Trichloroethene           | 8.941  | 130  | 167999   | 50.547  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 139820   | 49.705  | ug/l   | 100      |
| 46) Dibromomethane            | 9.313  | 93   | 81727    | 49.958  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.502  | 83   | 192597   | 50.210  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.301  | 41   | 81286    | 49.032  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 19789    | 919.870 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 483328   | 244.365 | ug/l   | 99       |
| 52) Toluene                   | 10.246 | 92   | 376682   | 50.130  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 210468   | 50.124  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 239096   | 50.508  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 119684   | 50.098  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 165648   | 51.078  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 198718   | 49.663  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 351157   | 245.503 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 342699   | 251.916 | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.990 | 129  | 150176   | 51.316  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 118224   | 50.873  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 155478   | 50.869  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.520 | 112  | 413077   | 50.317  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 155319   | 50.974  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 710582   | 50.197  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 576389   | 101.629 | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 271224   | 50.503  | ug/l   | 100      |
| 70) Styrene                   | 12.044 | 104  | 464351   | 51.423  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 107003   | 51.609  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 705544   | 50.511  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 164396   | 49.730  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 136283   | 49.515  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 177275   | 92.814  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 186765   | 50.388  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.672 | 91   | 830758   | 50.438  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 463969   | 49.935  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 587779   | 50.867  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 50674    | 49.500  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 479998   | 49.935  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 522563   | 50.726  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 584127   | 51.131  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 765449   | 51.073  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 665602   | 51.472  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 358389   | 50.646  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 354079   | 50.599  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 584245   | 51.432  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.965 | 117  | 120690   | 51.666  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 320022   | 51.014  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 22759    | 49.642  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 232440   | 52.572  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 148523   | 53.674  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 438219   | 53.700  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 208470   | 53.537  | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Wed Jun 23 07:57:52 2021  
Response via : Initial Calibration

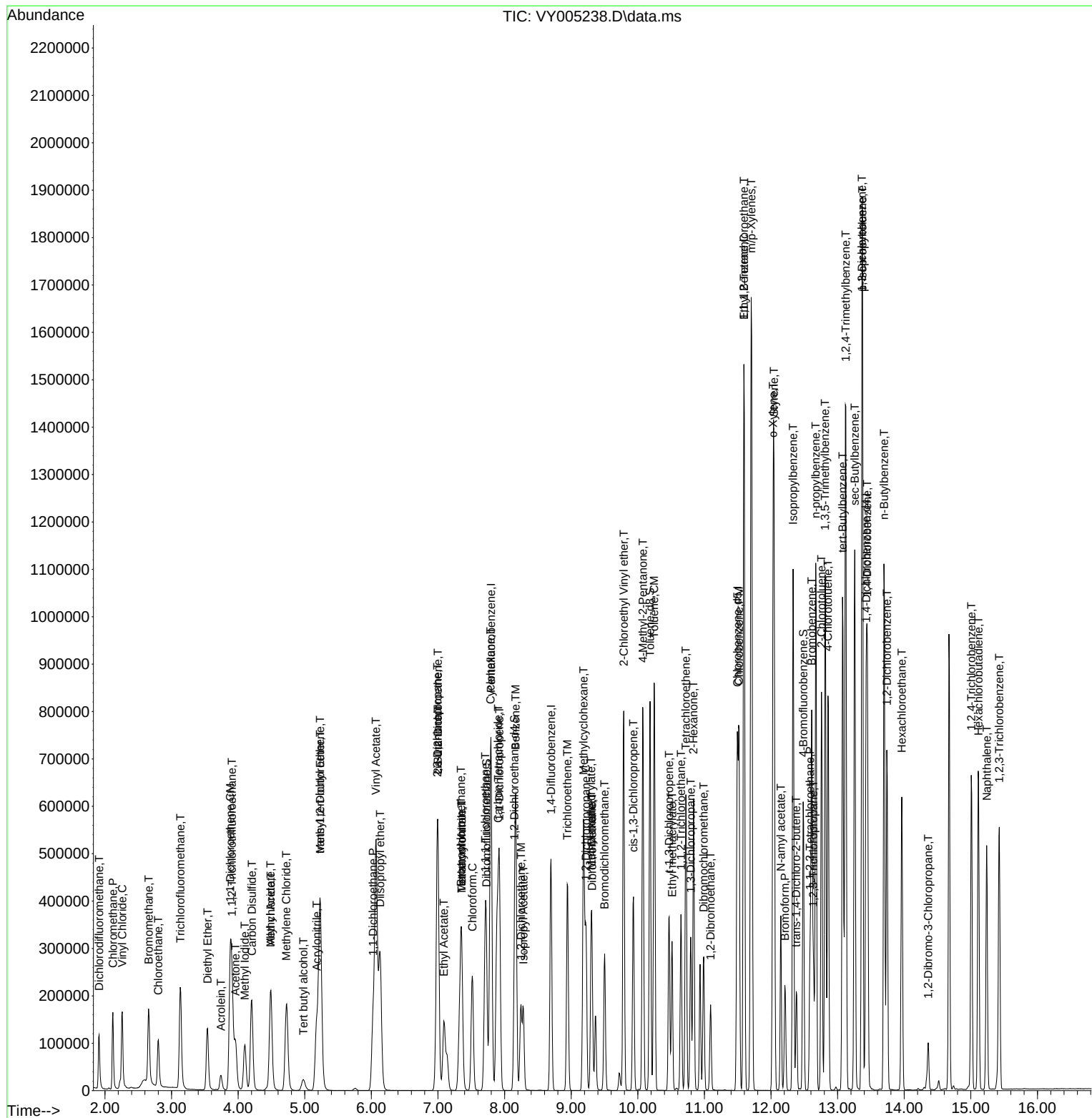
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

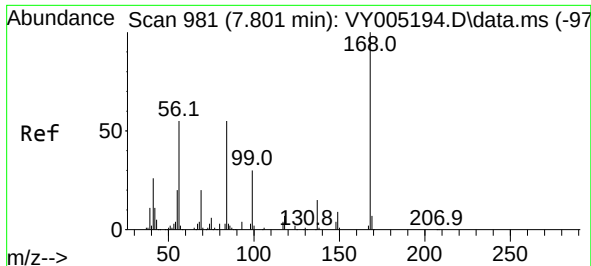
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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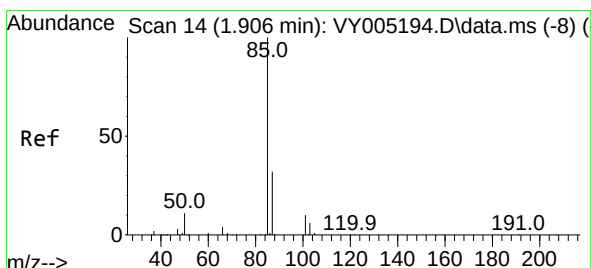
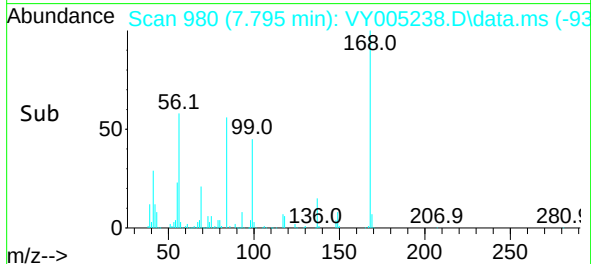
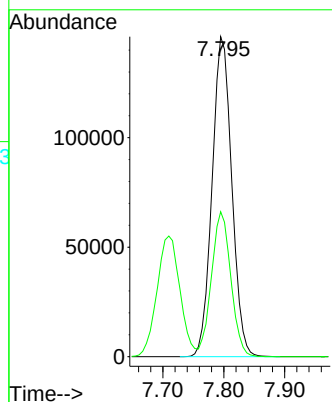
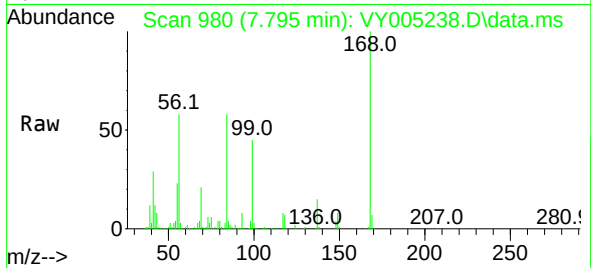




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

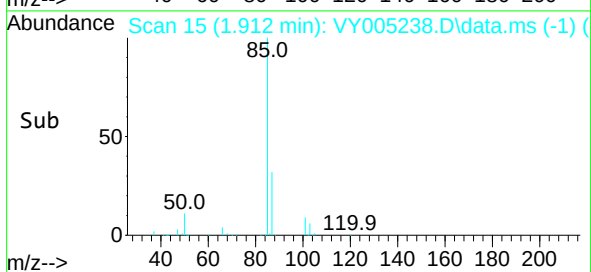
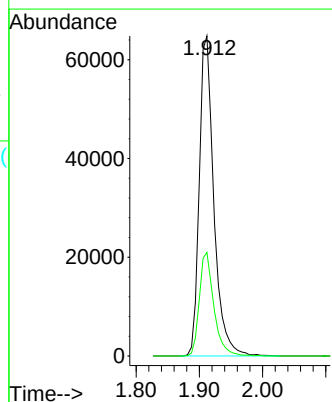
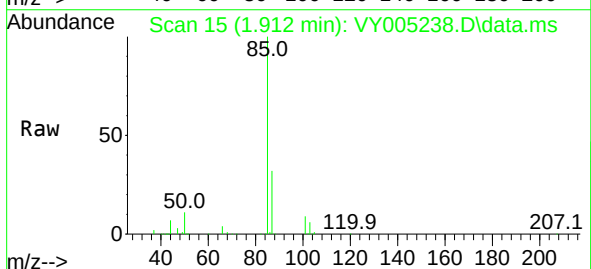
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

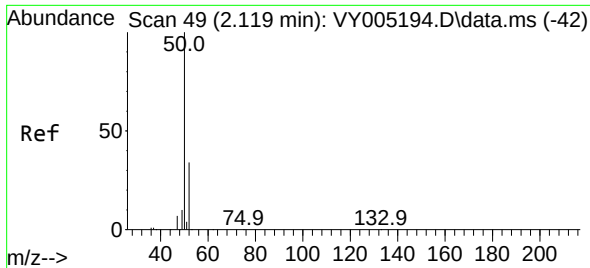
Tgt Ion:168 Resp: 327444  
Ion Ratio Lower Upper  
168 100  
99 45.3 36.2 54.4



#2  
Dichlorodifluoromethane  
Concen: 48.261 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 85 Resp: 103912  
Ion Ratio Lower Upper  
85 100  
87 32.3 15.9 47.7

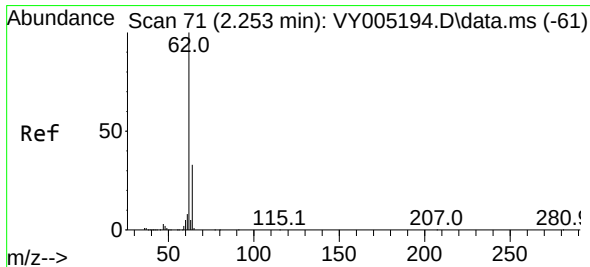
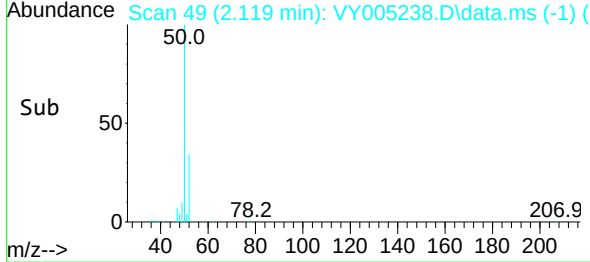
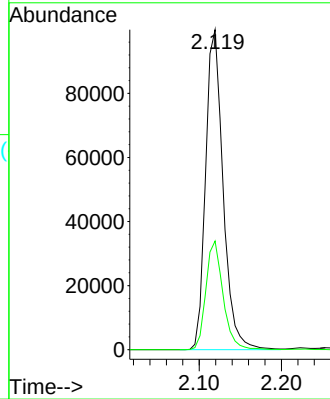
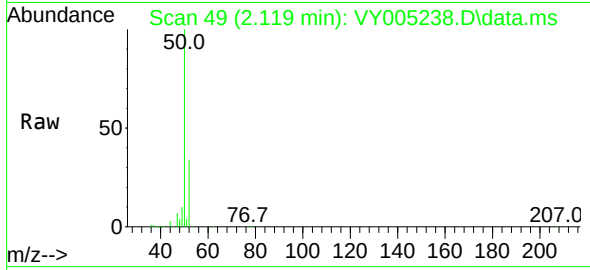




#3  
Chloromethane  
Concen: 51.479 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

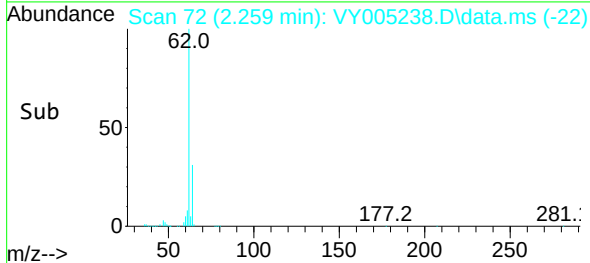
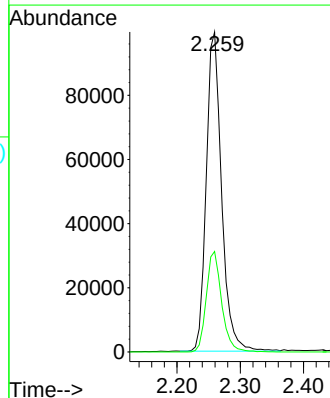
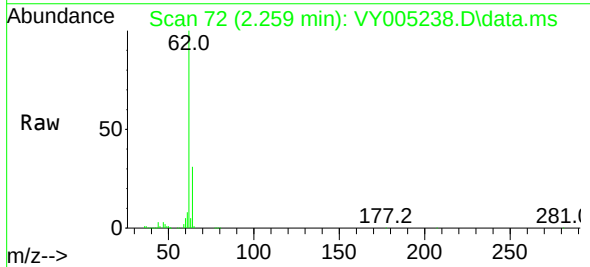
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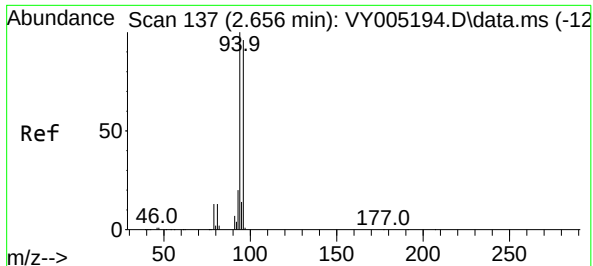
Tgt Ion: 50 Resp: 147620  
Ion Ratio Lower Upper  
50 100  
52 34.0 27.4 41.2



#4  
Vinyl Chloride  
Concen: 51.209 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.006 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 62 Resp: 167896  
Ion Ratio Lower Upper  
62 100  
64 31.5 26.1 39.1

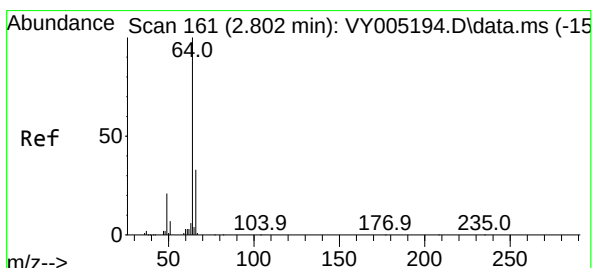
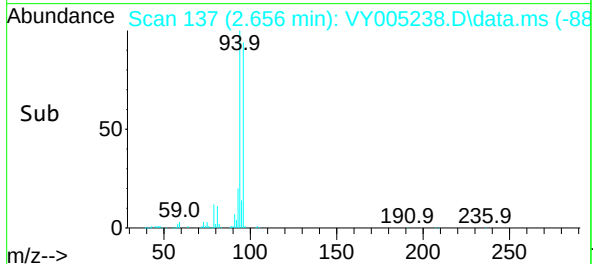
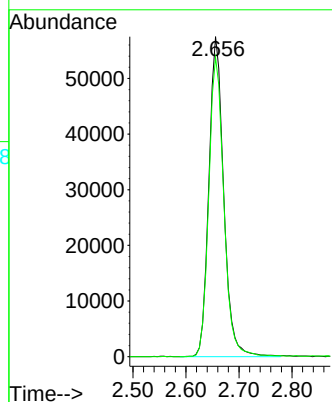
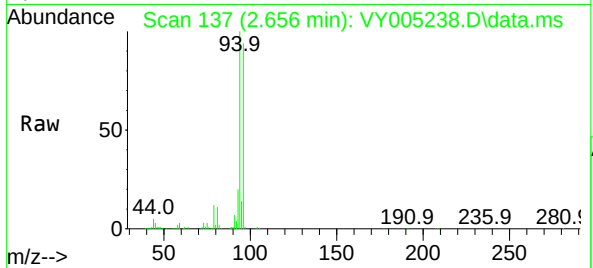




#5  
Bromomethane  
Concen: 53.683 ug/l  
RT: 2.656 min Scan# 137  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

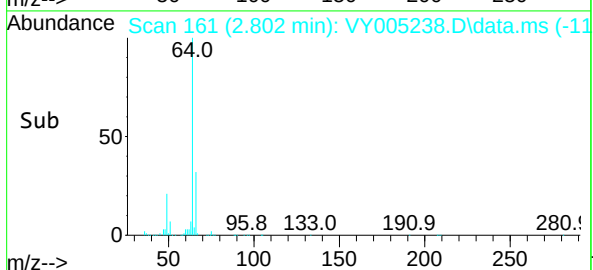
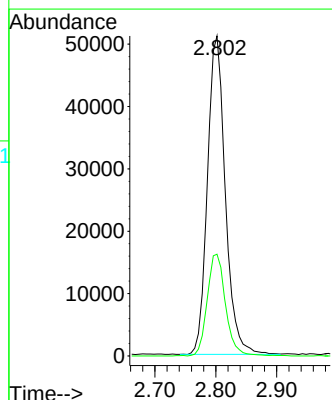
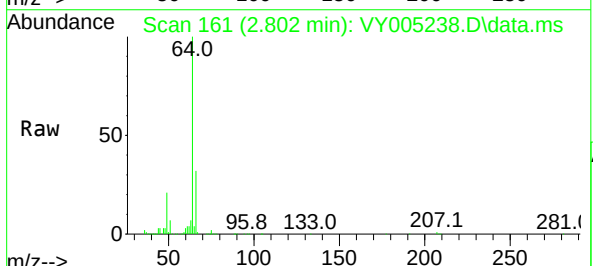
Instrument :  
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VSTDCCC050

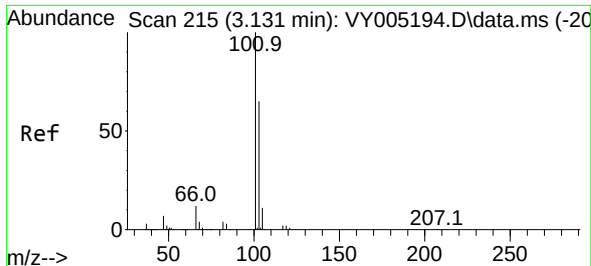
Tgt Ion: 94 Resp: 111637  
Ion Ratio Lower Upper  
94 100  
96 93.5 76.9 115.3



#6  
Chloroethane  
Concen: 48.528 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 64 Resp: 104044  
Ion Ratio Lower Upper  
64 100  
66 31.8 25.9 38.9

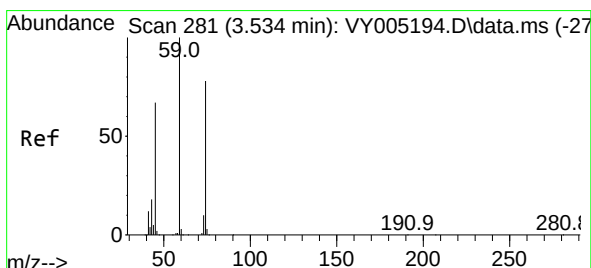
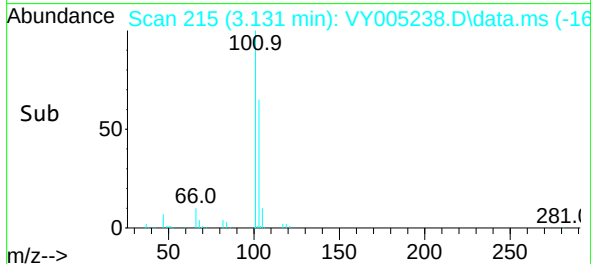
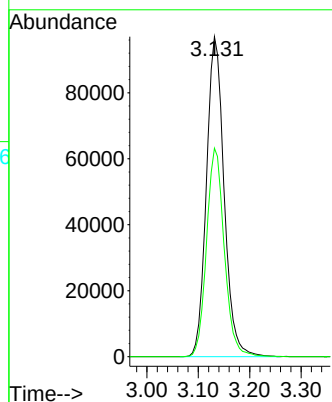
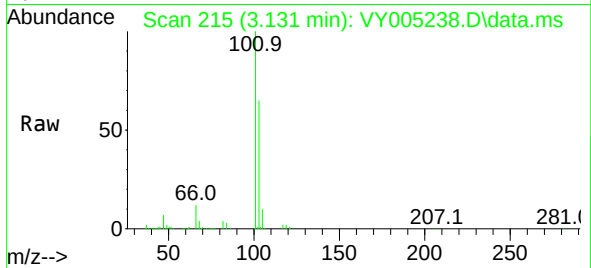




#7  
Trichlorofluoromethane  
Concen: 52.776 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

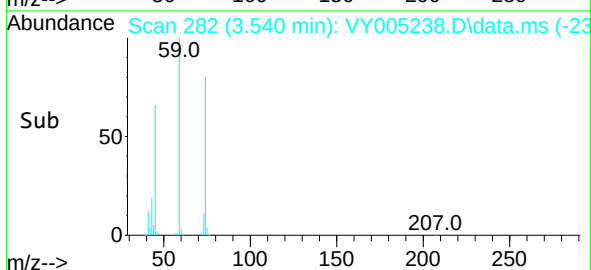
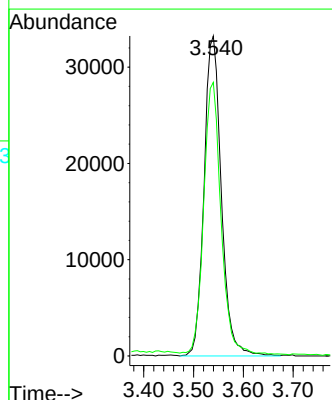
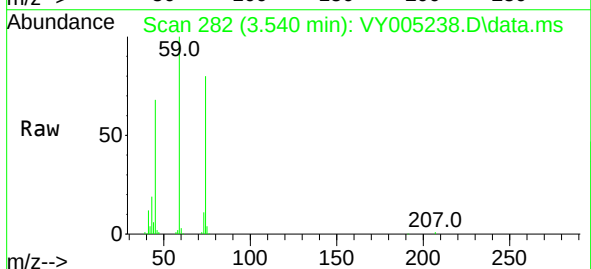
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 231317  
Ion Ratio Lower Upper  
101 100  
103 65.2 52.0 78.0

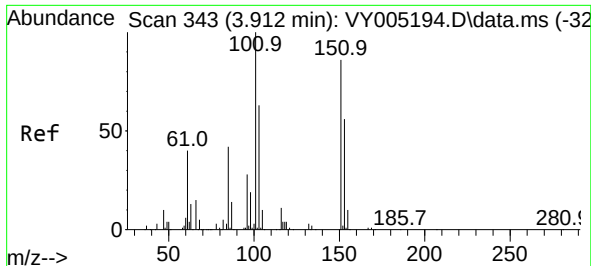


#8  
Diethyl Ether  
Concen: 48.785 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. 0.006 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 74 Resp: 79992  
Ion Ratio Lower Upper  
74 100  
45 86.2 43.9 131.7



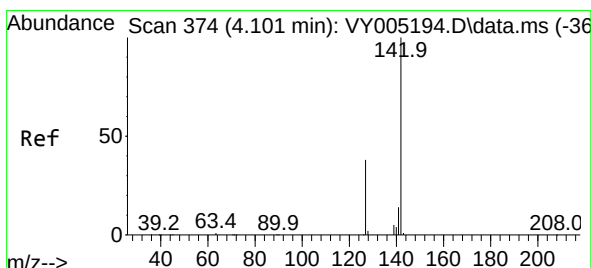
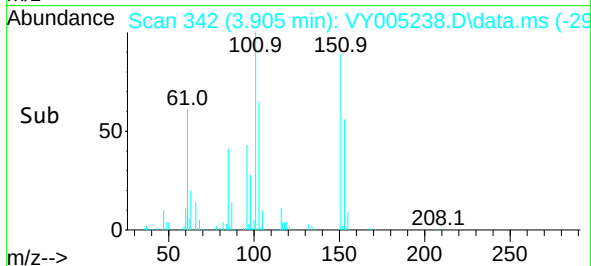
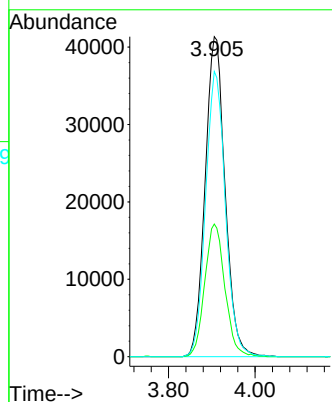
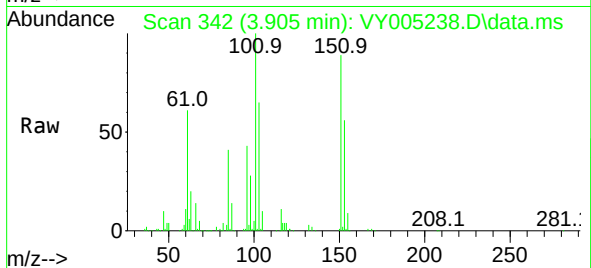




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.335 ug/l  
RT: 3.905 min Scan# 342  
Delta R.T. -0.006 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

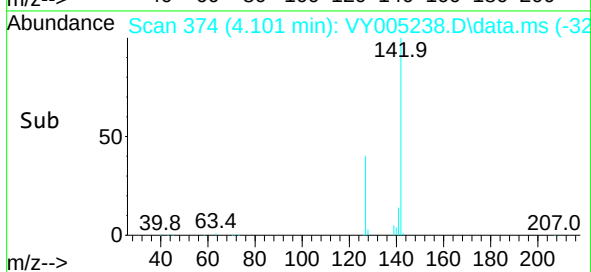
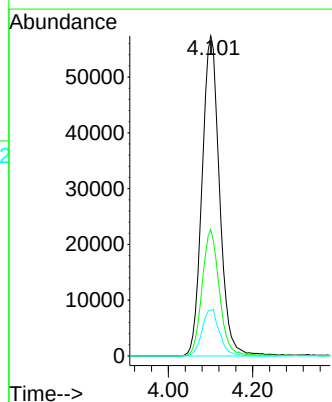
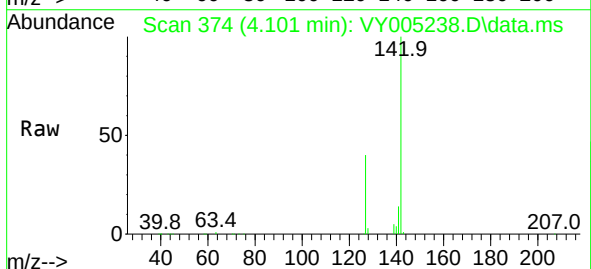
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

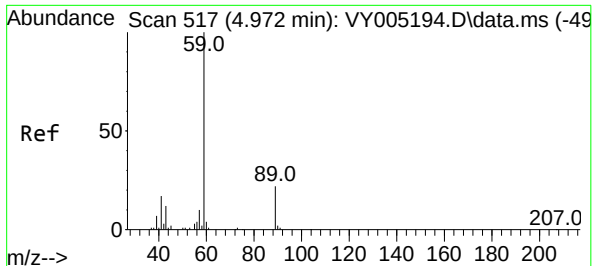
Tgt Ion:101 Resp: 132386  
Ion Ratio Lower Upper  
101 100  
85 41.9 33.8 50.8  
151 88.5 69.1 103.7



#10  
Methyl Iodide  
Concen: 43.490 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion:142 Resp: 166010  
Ion Ratio Lower Upper  
142 100  
127 38.9 31.3 46.9  
141 14.4 11.3 16.9

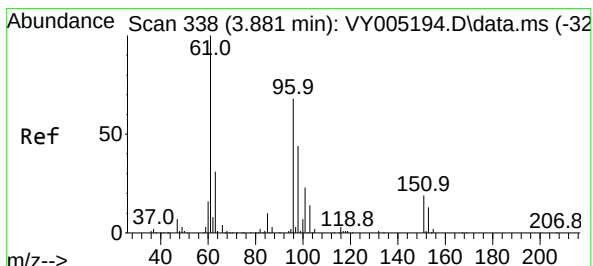
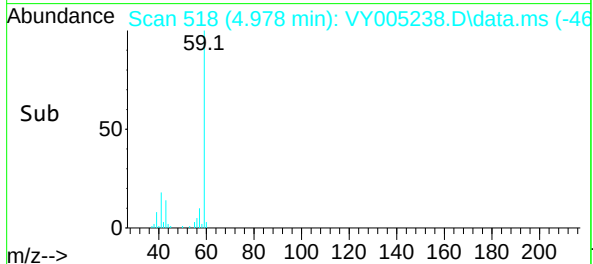
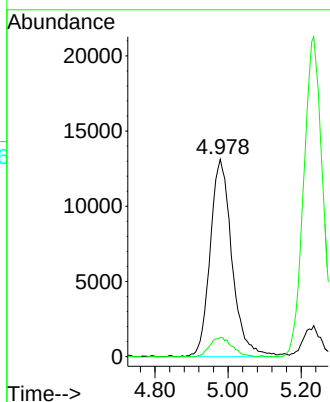
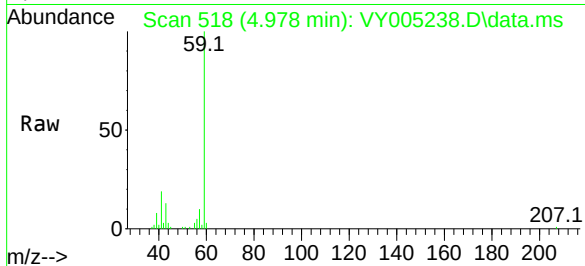




#11  
Tert butyl alcohol  
Concen: 131.963 ug/l  
RT: 4.978 min Scan# 518  
Delta R.T. 0.006 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

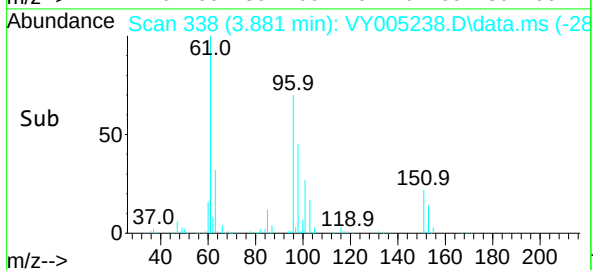
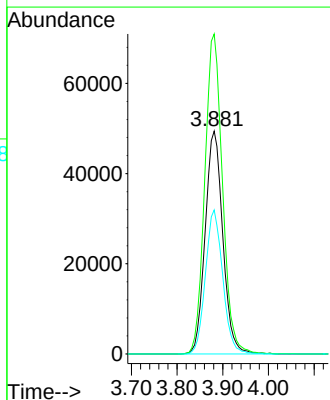
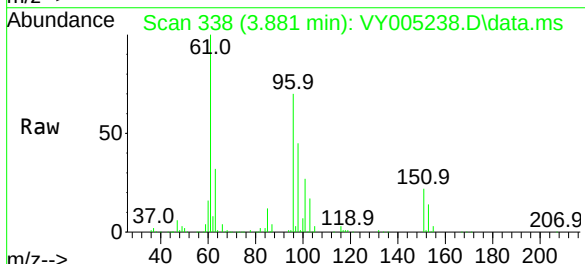
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

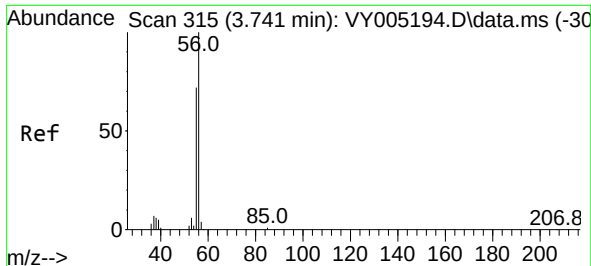
Tgt Ion: 59 Resp: 54273  
Ion Ratio Lower Upper  
59 100  
57 9.9 6.5 9.7#



#12  
1,1-Dichloroethene  
Concen: 48.886 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

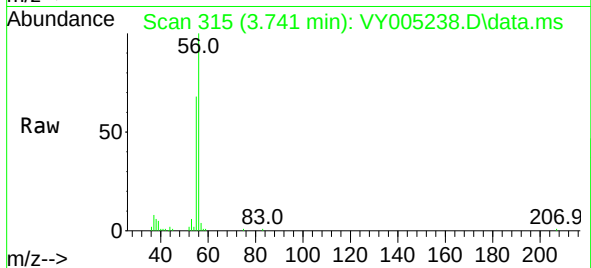
Tgt Ion: 96 Resp: 132534  
Ion Ratio Lower Upper  
96 100  
61 143.6 118.0 177.0  
98 64.6 51.7 77.5



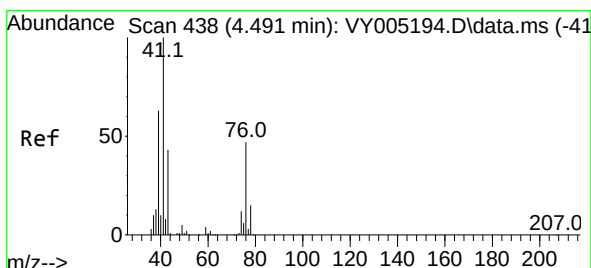
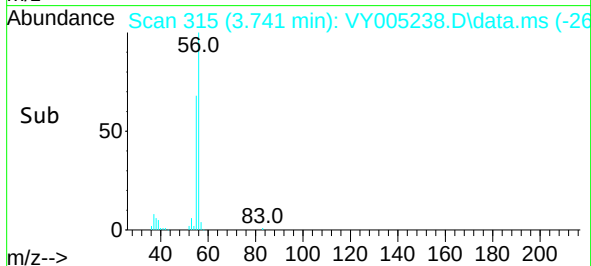
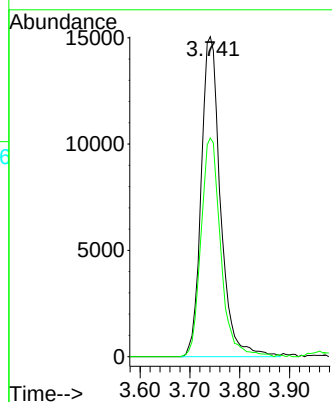


#13  
Acrolein  
Concen: 303.611 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

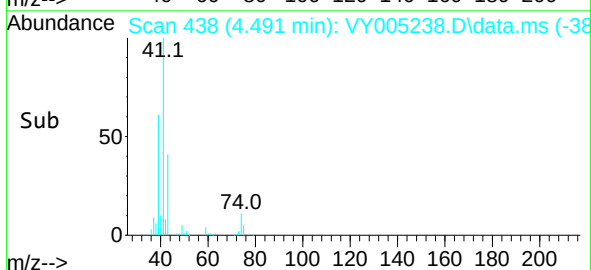
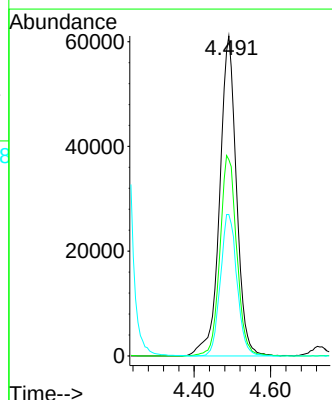
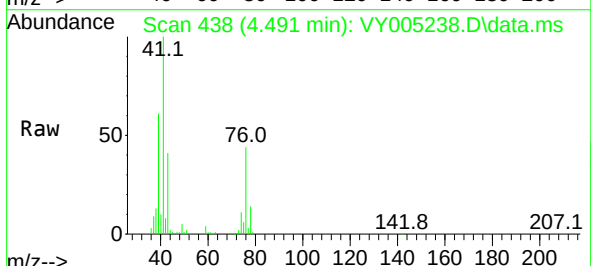


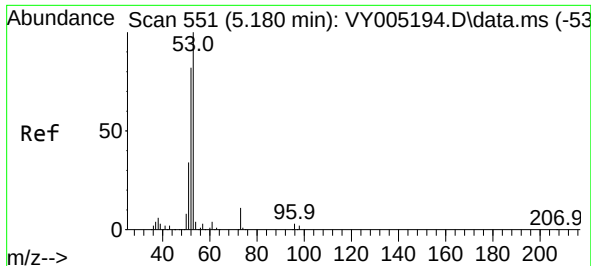
Tgt Ion: 56 Resp: 40538  
Ion Ratio Lower Upper  
56 100  
55 69.5 61.0 91.6



#14  
Allyl chloride  
Concen: 47.866 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 41 Resp: 186403  
Ion Ratio Lower Upper  
41 100  
39 62.6 50.6 76.0  
76 43.6 34.8 52.2

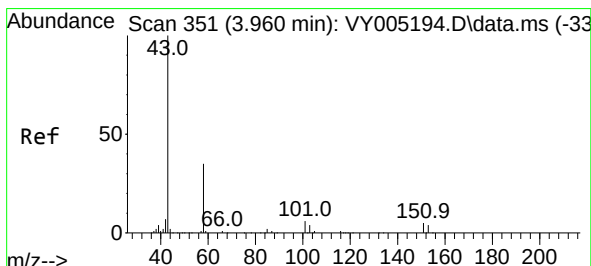
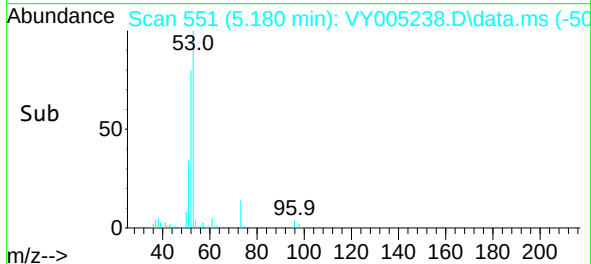
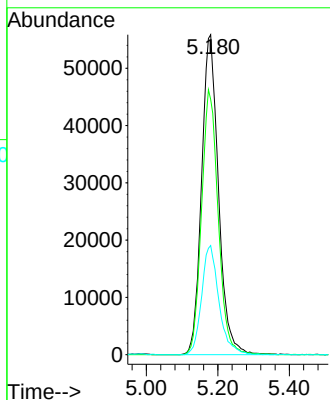
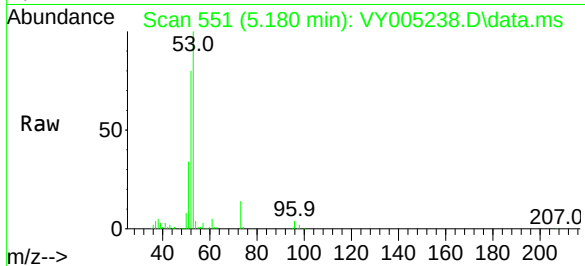




#15  
Acrylonitrile  
Concen: 240.625 ug/l  
RT: 5.180 min Scan# 551  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

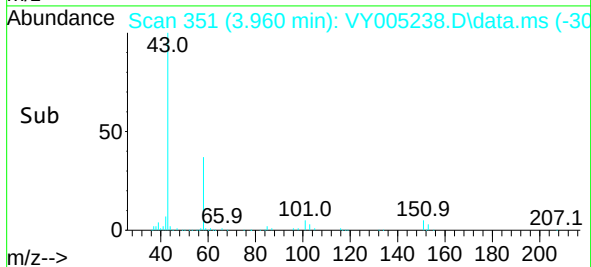
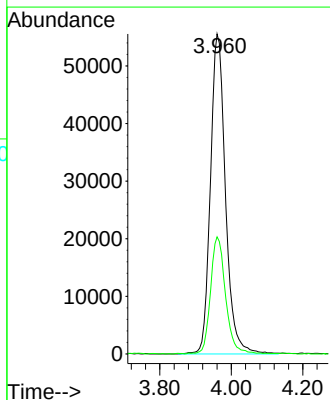
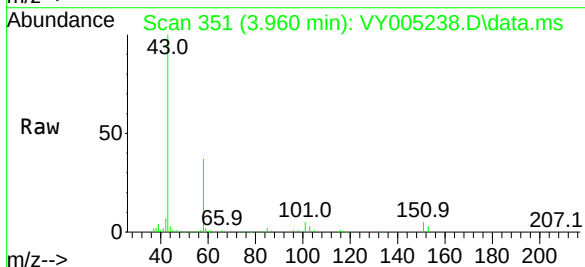
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

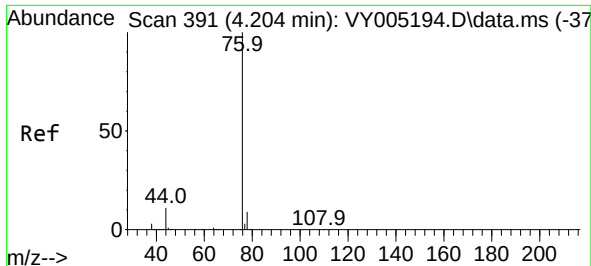
Tgt Ion: 53 Resp: 183279  
Ion Ratio Lower Upper  
53 100  
52 81.6 65.4 98.2  
51 35.0 28.4 42.6



#16  
Acetone  
Concen: 258.955 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 43 Resp: 162555  
Ion Ratio Lower Upper  
43 100  
58 36.4 28.2 42.2

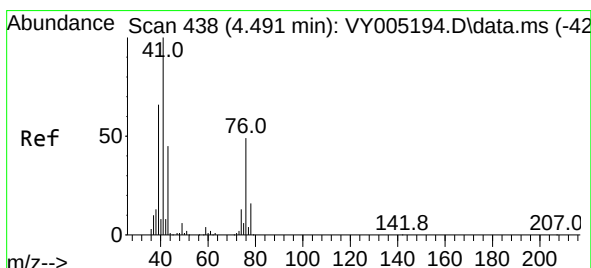
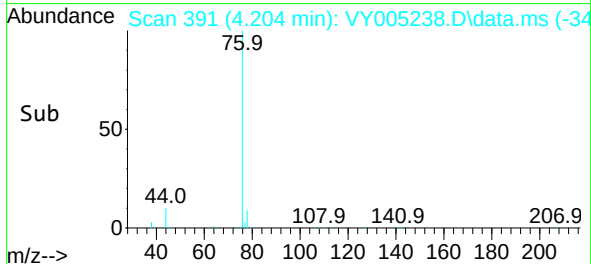
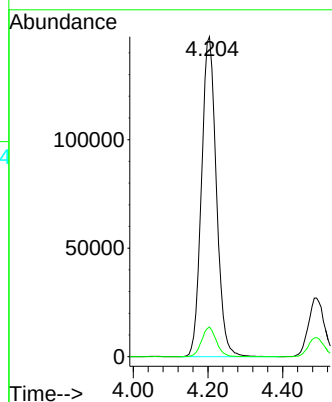
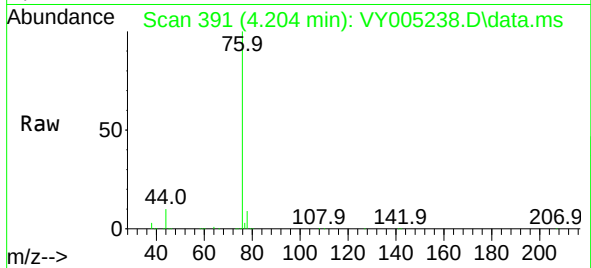




#17  
Carbon Disulfide  
Concen: 47.687 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

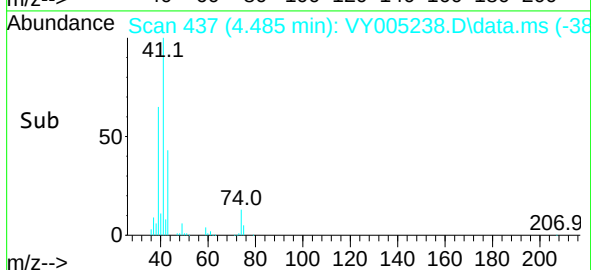
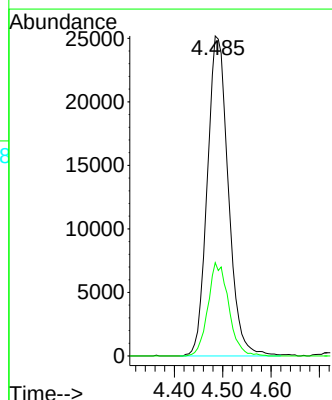
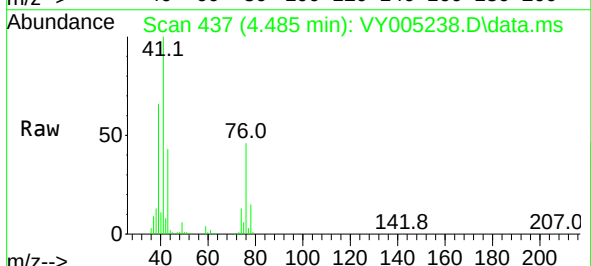
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

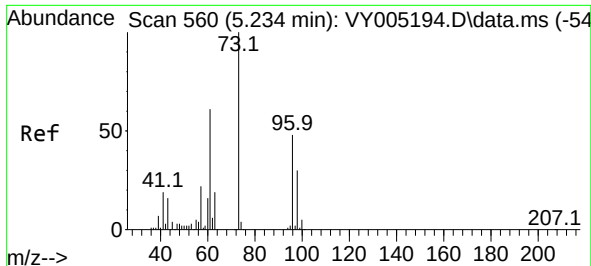
Tgt Ion: 76 Resp: 406627  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.3 10.9



#18  
Methyl Acetate  
Concen: 45.629 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 43 Resp: 76121  
Ion Ratio Lower Upper  
43 100  
74 28.7 22.5 33.7

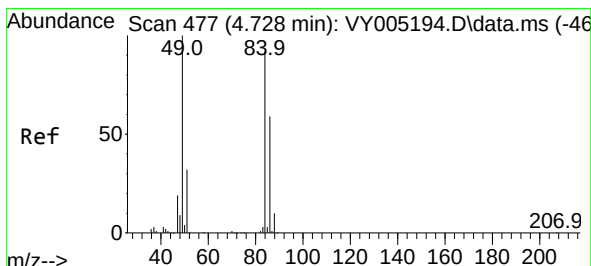
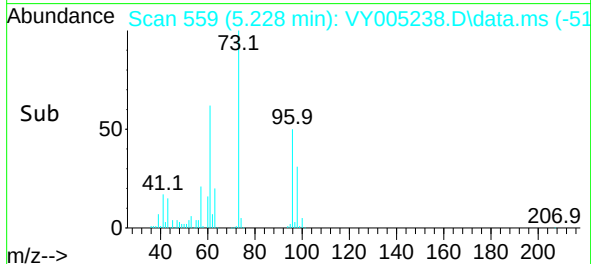
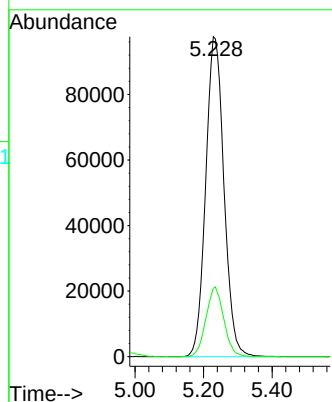
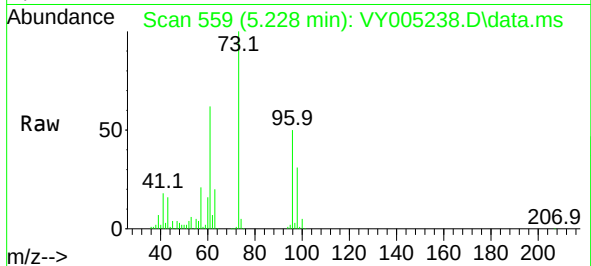




#19  
Methyl tert-butyl Ether  
Concen: 48.790 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

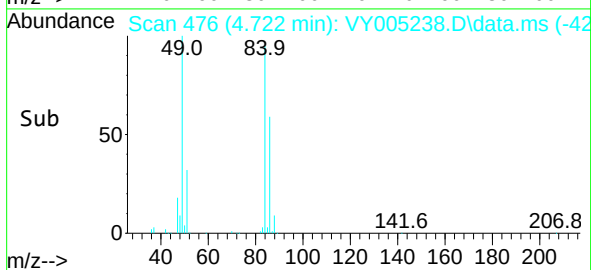
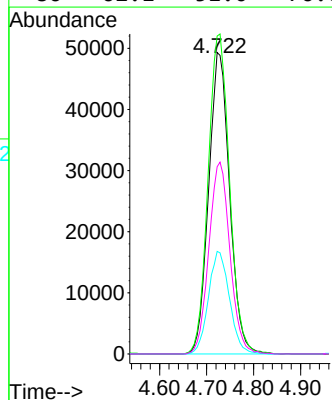
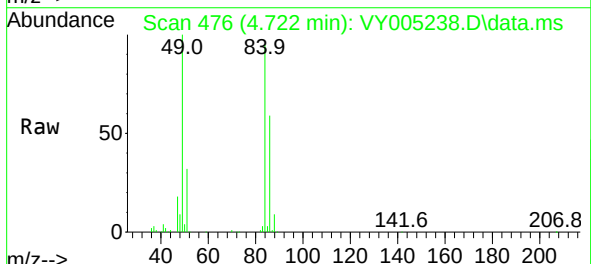
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

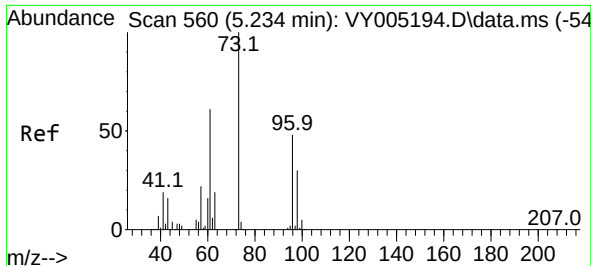
Tgt Ion: 73 Resp: 361641  
Ion Ratio Lower Upper  
73 100  
57 21.4 17.6 26.4



#20  
Methylene Chloride  
Concen: 45.230 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. -0.006 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

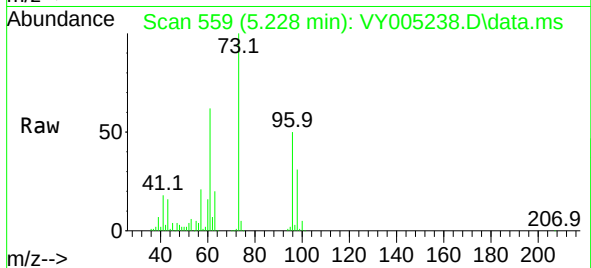
Tgt Ion: 84 Resp: 152749  
Ion Ratio Lower Upper  
84 100  
49 105.5 86.9 130.3  
51 34.0 27.4 41.2  
86 62.1 51.0 76.6



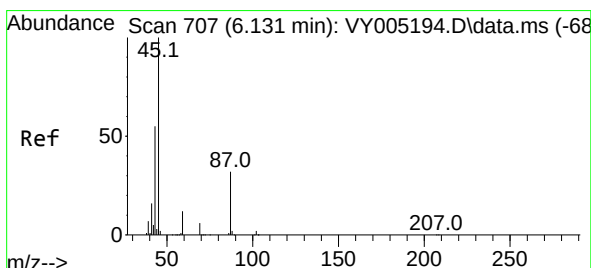
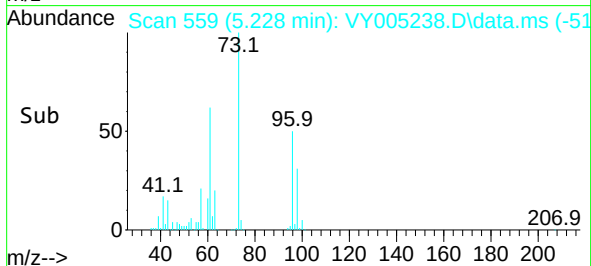
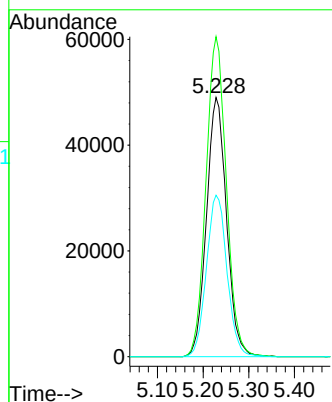


#21  
trans-1,2-Dichloroethene  
Concen: 49.585 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

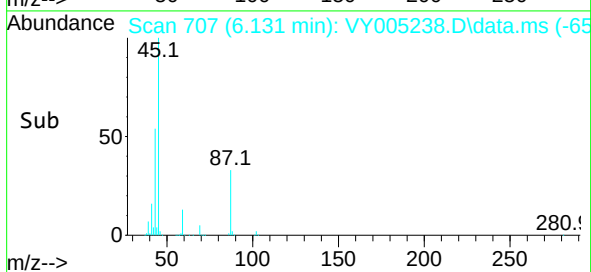
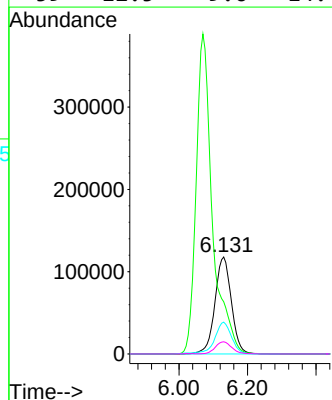
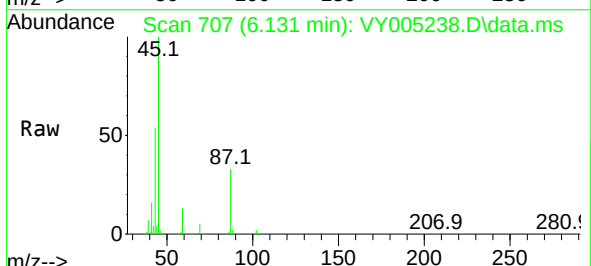


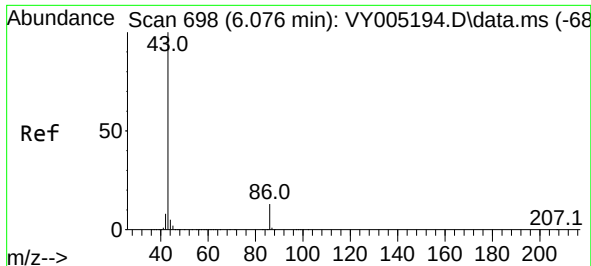
Tgt Ion: 96 Resp: 149687  
Ion Ratio Lower Upper  
96 100  
61 123.5 102.2 153.4  
98 62.3 51.0 76.6



#22  
Diisopropyl ether  
Concen: 48.563 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 45 Resp: 393137  
Ion Ratio Lower Upper  
45 100  
43 53.7 44.2 66.4  
87 32.8 26.0 39.0  
59 12.5 9.6 14.4

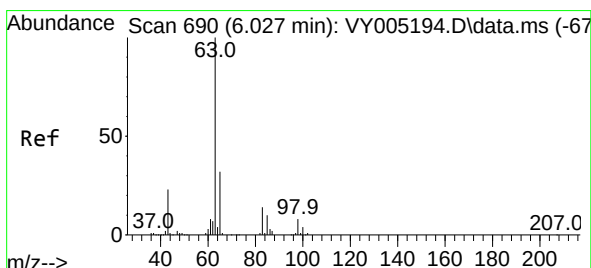
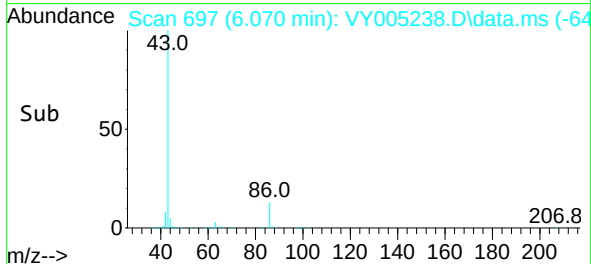
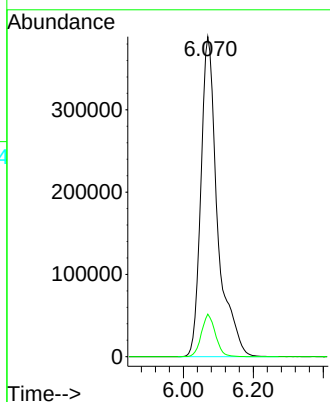
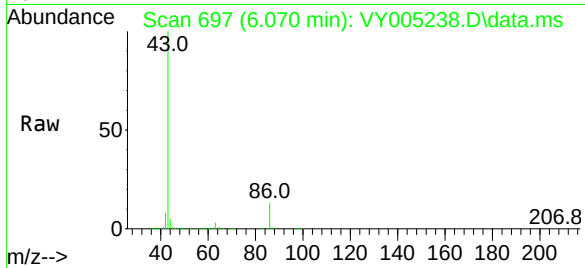




#23  
 Vinyl Acetate  
 Concen: 245.000 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. -0.006 min  
 Lab File: VY005238.D  
 Acq: 28 Jun 2021 10:26

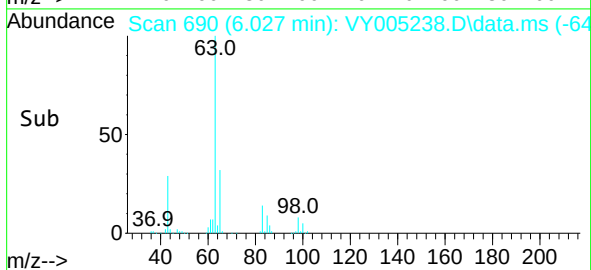
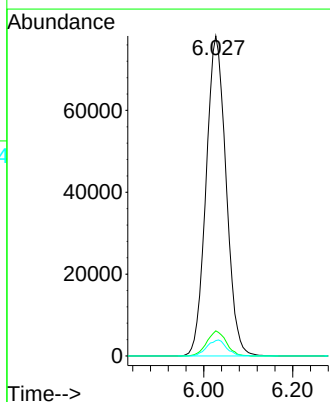
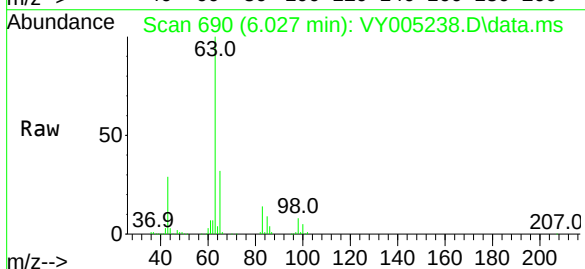
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 1283502  
 Ion Ratio Lower Upper  
 43 100  
 86 13.3 10.3 15.5

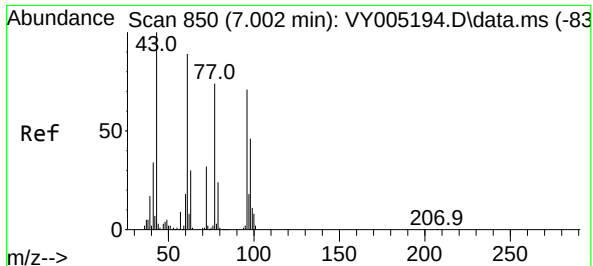


#24  
 1,1-Dichloroethane  
 Concen: 48.645 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. 0.000 min  
 Lab File: VY005238.D  
 Acq: 28 Jun 2021 10:26

Tgt Ion: 63 Resp: 244408  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 3.8 11.4  
 100 4.8 2.1 6.5







#25

2-Butanone

Concen: 247.198 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY005238.D

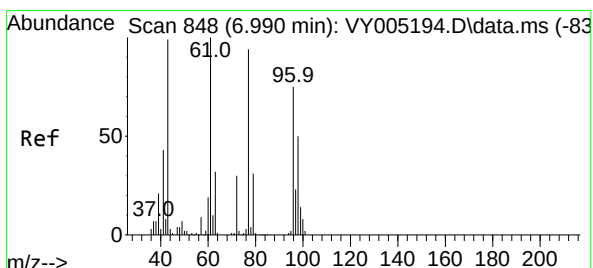
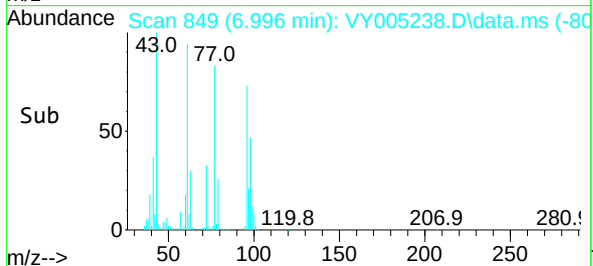
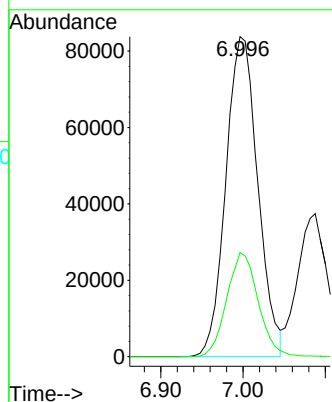
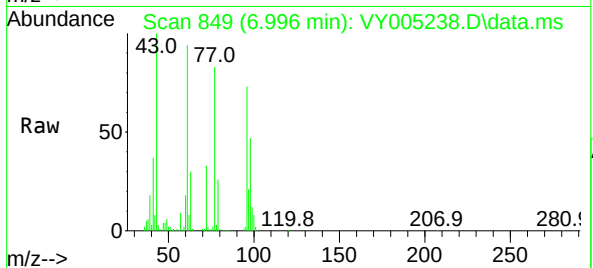
Acq: 28 Jun 2021 10:26

Tgt Ion: 43 Resp: 226269

Ion Ratio Lower Upper

43 100

72 32.5 25.3 37.9



#26

2,2-Dichloropropane

Concen: 49.616 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY005238.D

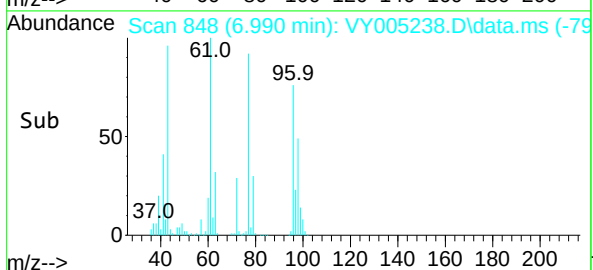
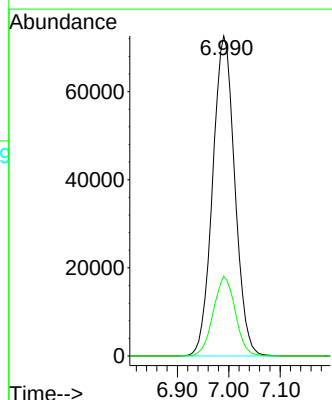
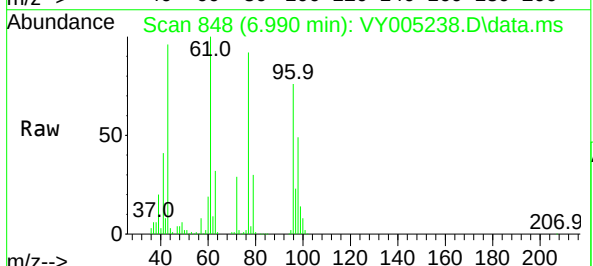
Acq: 28 Jun 2021 10:26

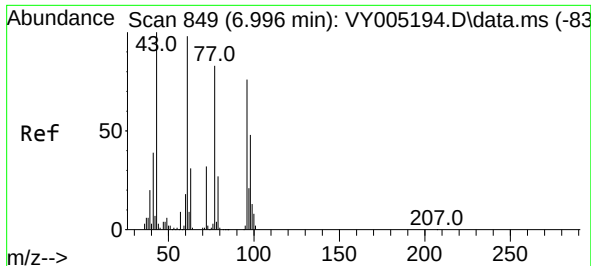
Tgt Ion: 77 Resp: 217384

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6



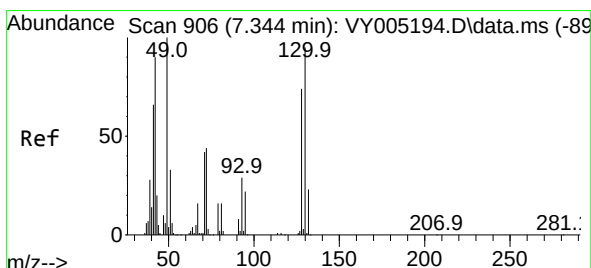
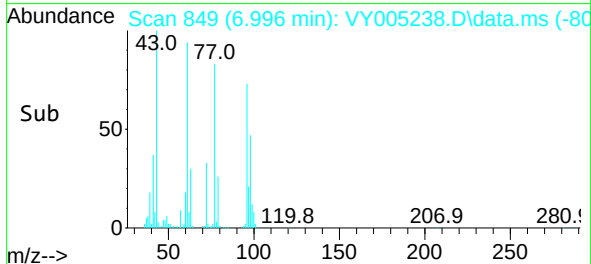
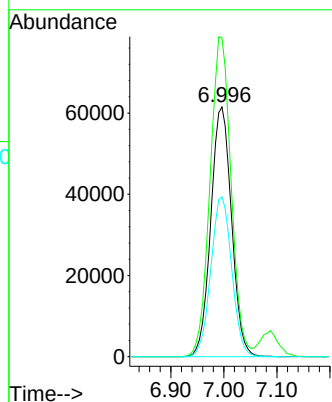
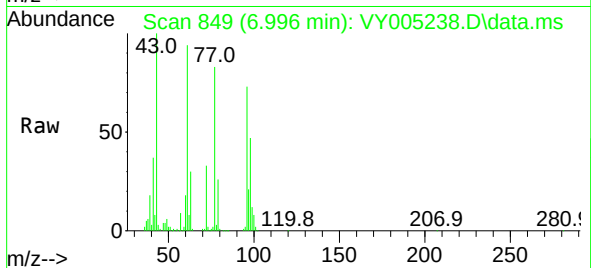


#27

cis-1,2-Dichloroethene  
Concen: 49.235 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

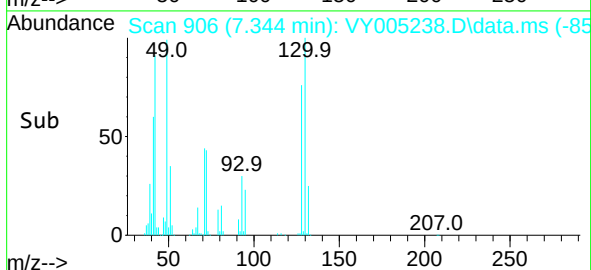
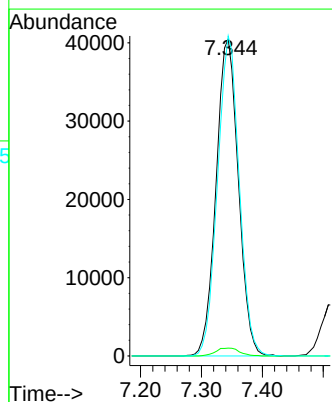
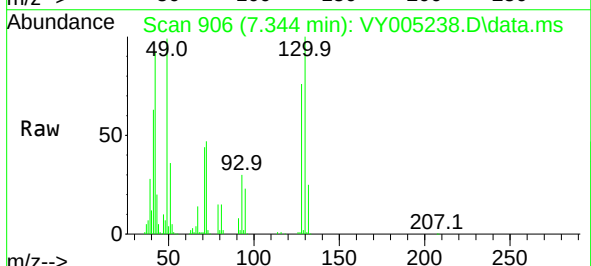
Tgt Ion: 96 Resp: 167162  
Ion Ratio Lower Upper  
96 100  
61 130.0 0.0 261.6  
98 64.5 0.0 129.4

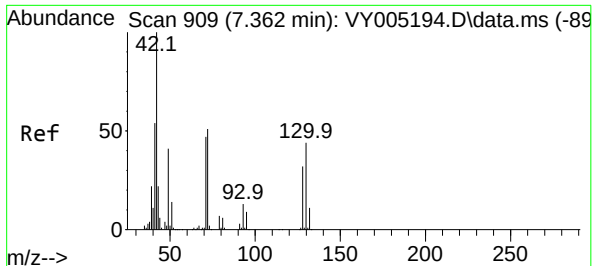


#28

Bromochloromethane  
Concen: 51.101 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 49 Resp: 102725  
Ion Ratio Lower Upper  
49 100  
129 2.7 0.0 4.8  
130 98.1 74.9 112.3





#29

Tetrahydrofuran

Concen: 235.978 ug/l

RT: 7.356 min Scan# 908

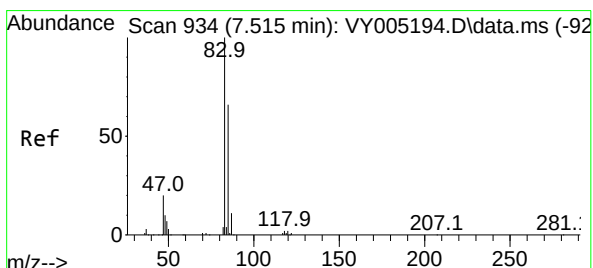
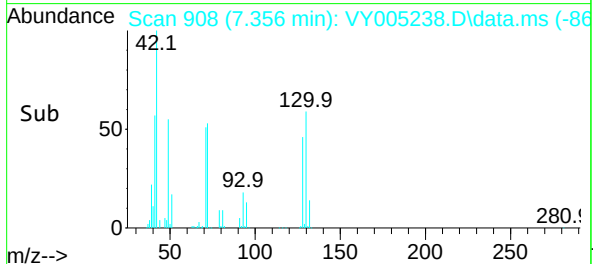
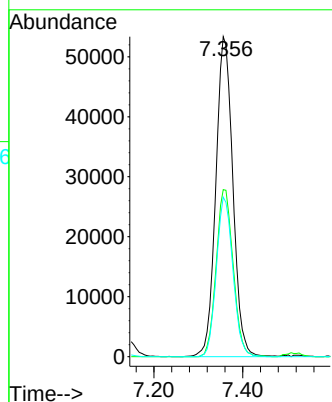
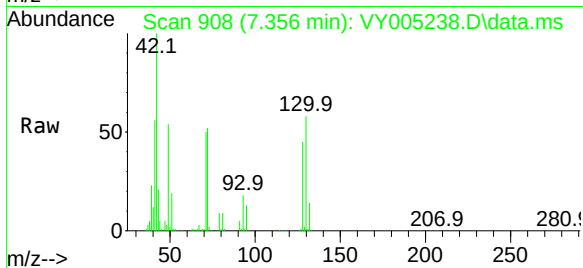
Delta R.T. -0.006 min

Lab File: VY005238.D

Acq: 28 Jun 2021 10:26

Tgt Ion: 42 Resp: 142113

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 51.9  | 40.9  | 61.3  |
| 71  | 48.3  | 37.9  | 56.9  |



#30

Chloroform

Concen: 48.869 ug/l

RT: 7.515 min Scan# 934

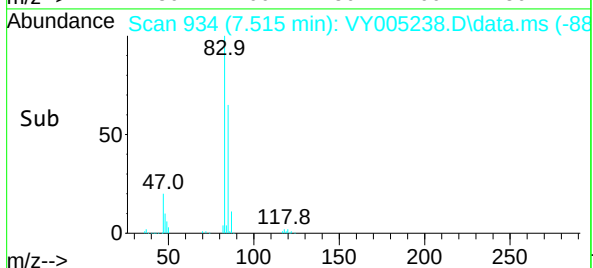
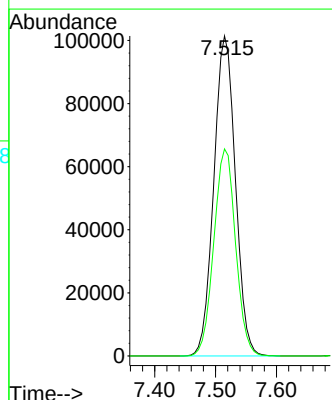
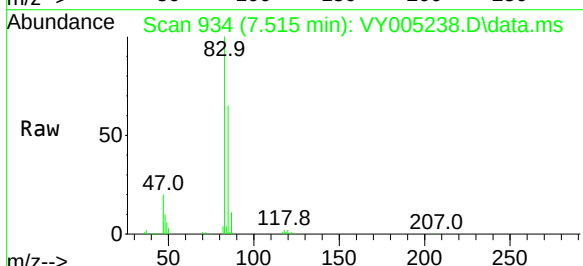
Delta R.T. 0.000 min

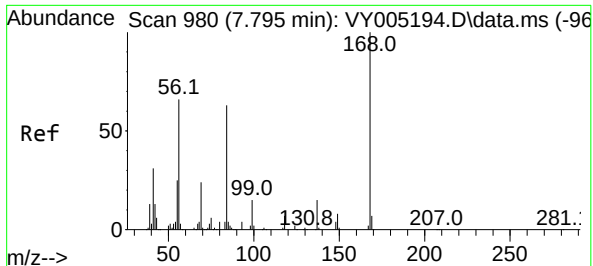
Lab File: VY005238.D

Acq: 28 Jun 2021 10:26

Tgt Ion: 83 Resp: 249858

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.7  | 52.7  | 79.1  |

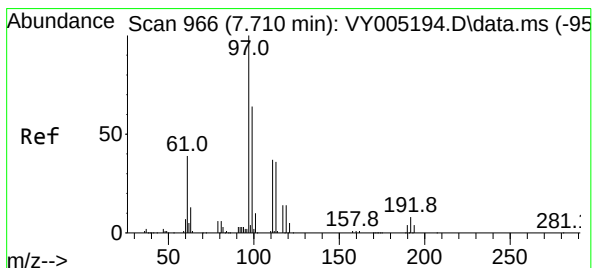
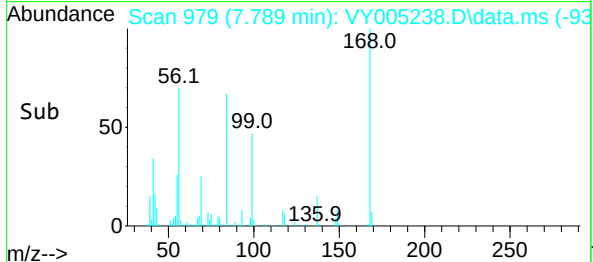
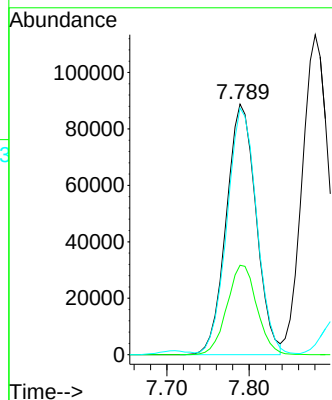
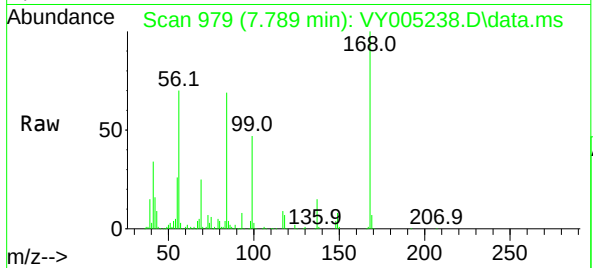




#31  
Cyclohexane  
Concen: 46.230 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

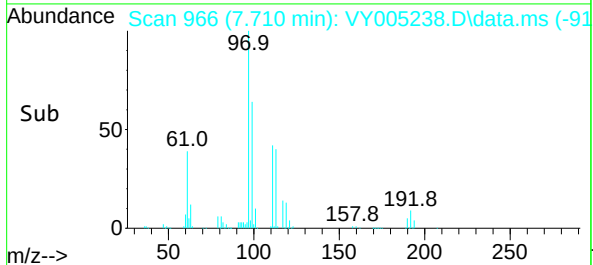
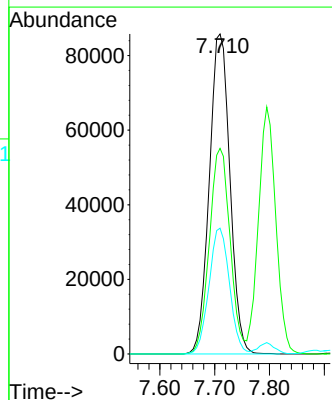
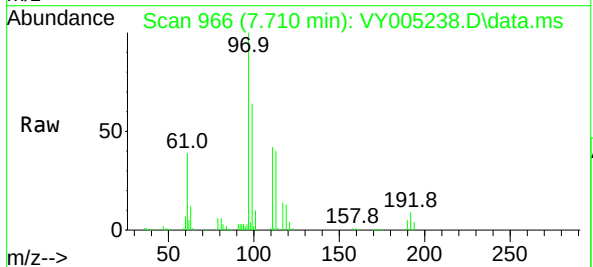
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

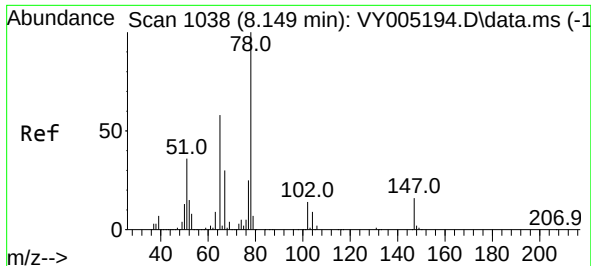
Tgt Ion: 56 Resp: 224271  
Ion Ratio Lower Upper  
56 100  
69 35.7 29.6 44.4  
84 97.1 76.4 114.6



#32  
1,1,1-Trichloroethane  
Concen: 49.083 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 97 Resp: 223825  
Ion Ratio Lower Upper  
97 100  
99 65.0 51.7 77.5  
61 39.1 31.4 47.0

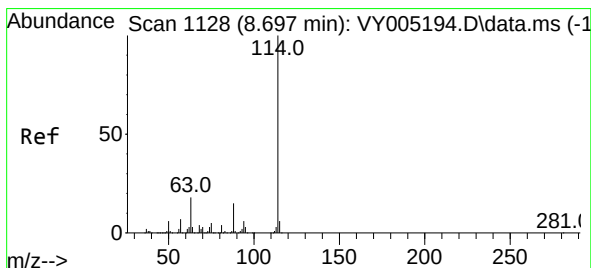
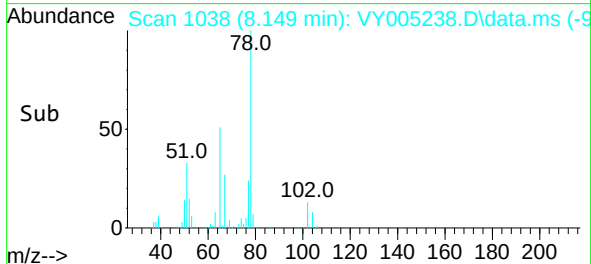
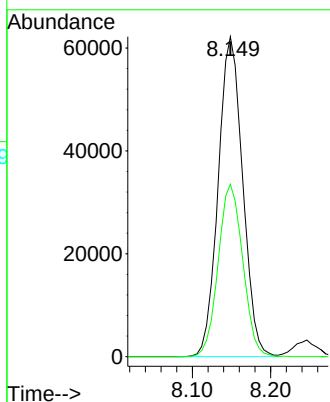
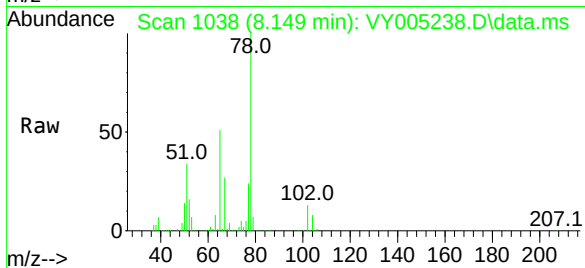




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.713 ug/l  
 RT: 8.149 min Scan# 1038  
 Delta R.T. 0.000 min  
 Lab File: VY005238.D  
 Acq: 28 Jun 2021 10:26

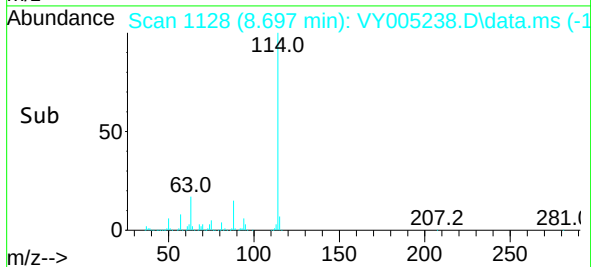
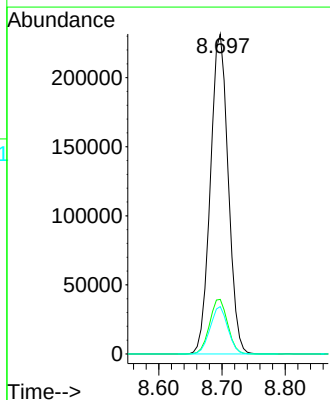
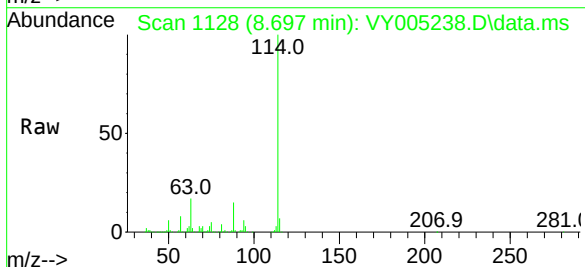
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

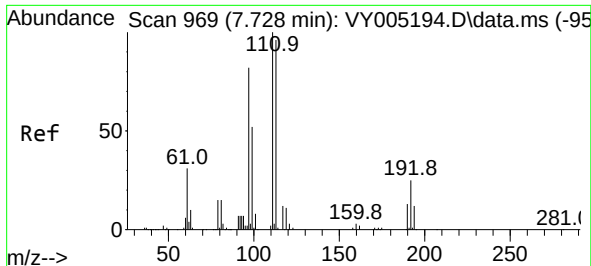
Tgt Ion: 65 Resp: 135086  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 110.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.697 min Scan# 1128  
 Delta R.T. 0.000 min  
 Lab File: VY005238.D  
 Acq: 28 Jun 2021 10:26

Tgt Ion: 114 Resp: 452749  
 Ion Ratio Lower Upper  
 114 100  
 63 17.1 0.0 35.2  
 88 14.8 0.0 29.4

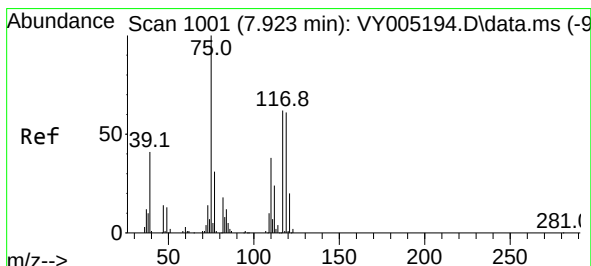
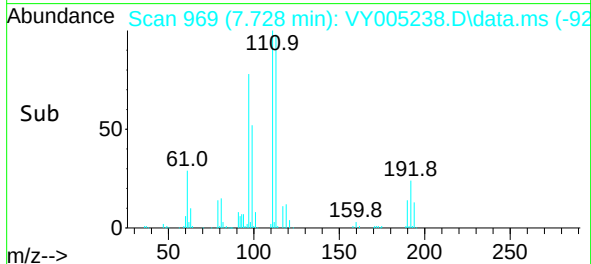
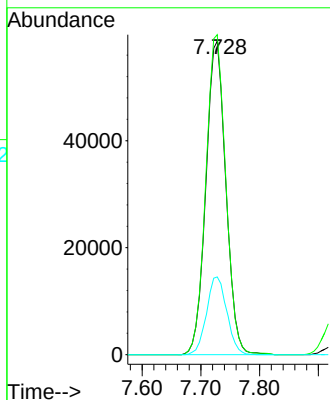
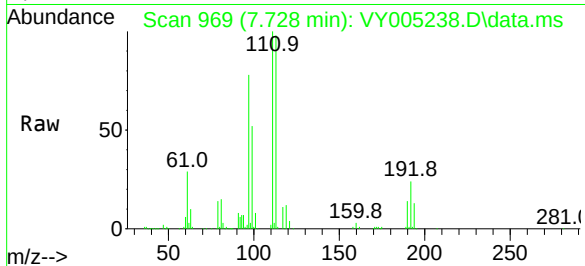




#35  
Dibromofluoromethane  
Concen: 51.808 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

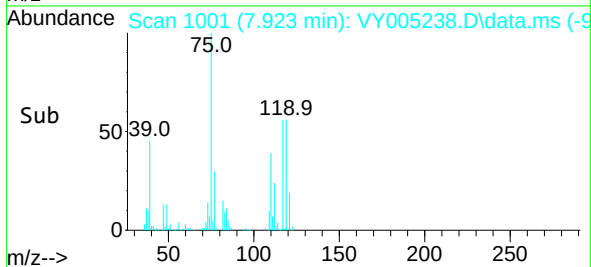
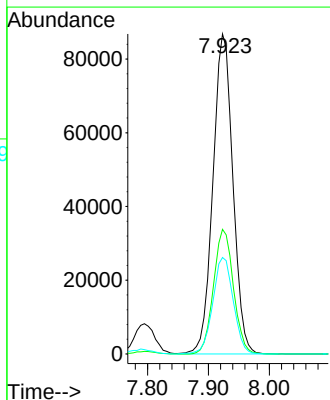
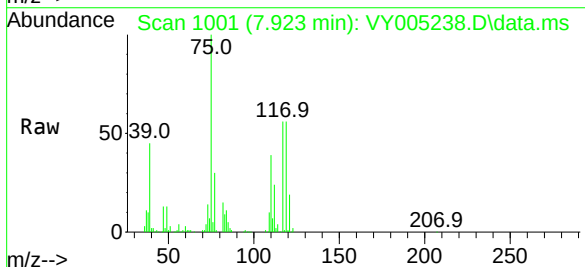
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

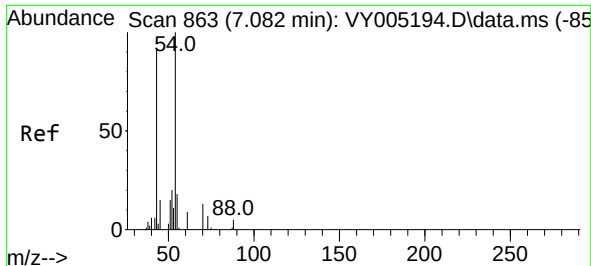
Tgt Ion:113 Resp: 138332  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.6 124.0  
192 25.2 20.2 30.2



#36  
1,1-Dichloropropene  
Concen: 49.600 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 75 Resp: 197744  
Ion Ratio Lower Upper  
75 100  
110 38.8 19.1 57.5  
77 30.9 25.2 37.8

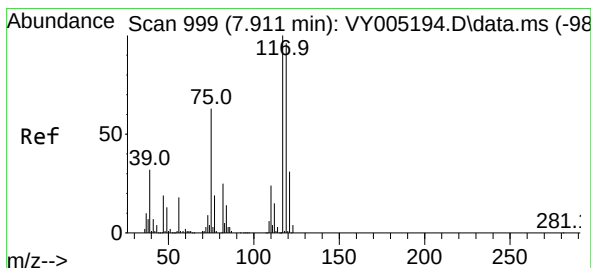
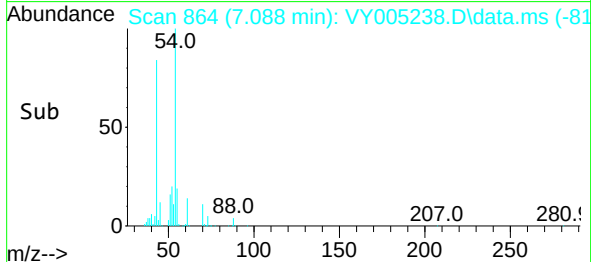
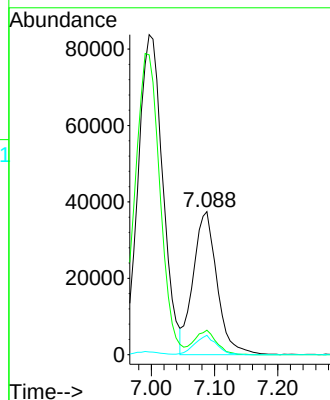
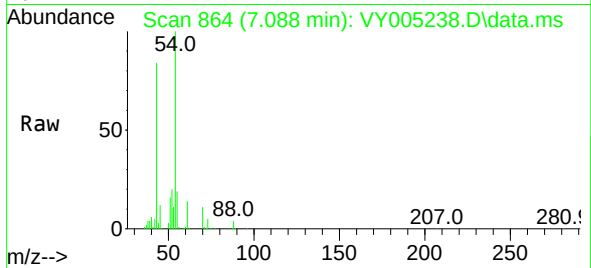




#37  
Ethyl Acetate  
Concen: 47.860 ug/l  
RT: 7.088 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

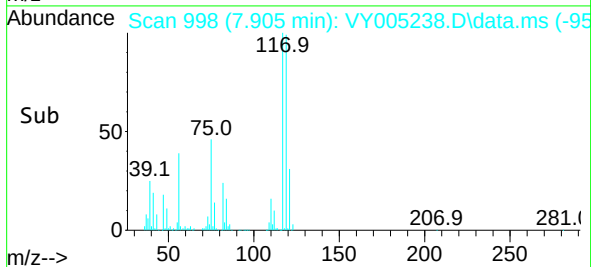
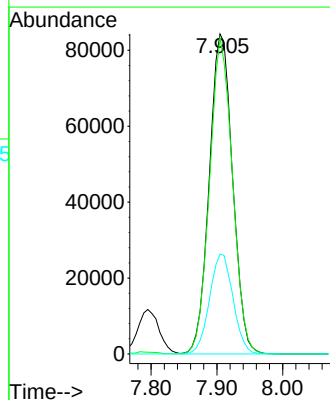
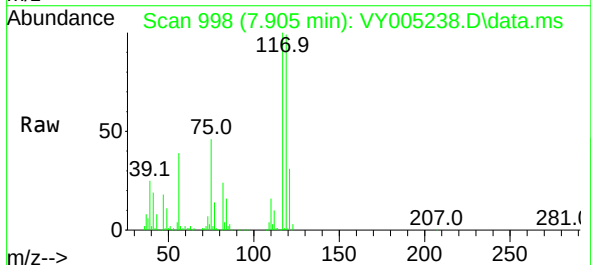
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

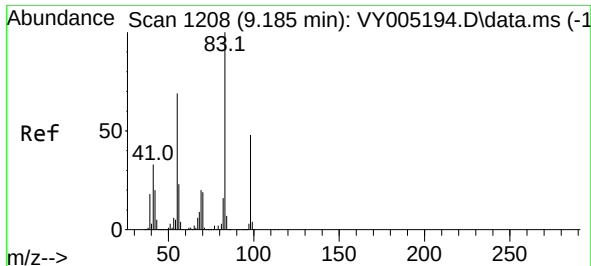
Tgt Ion: 43 Resp: 98395  
Ion Ratio Lower Upper  
43 100  
61 16.0 12.8 19.2  
70 12.3 9.7 14.5



#38  
Carbon Tetrachloride  
Concen: 49.959 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 117 Resp: 208497  
Ion Ratio Lower Upper  
117 100  
119 98.7 76.2 114.4  
121 31.2 24.7 37.1

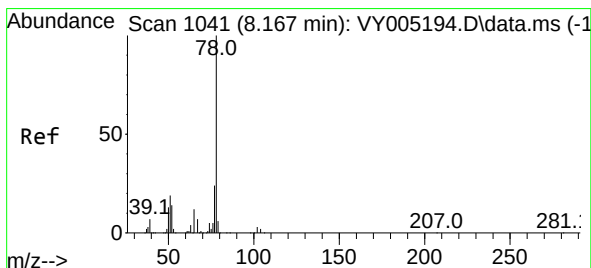
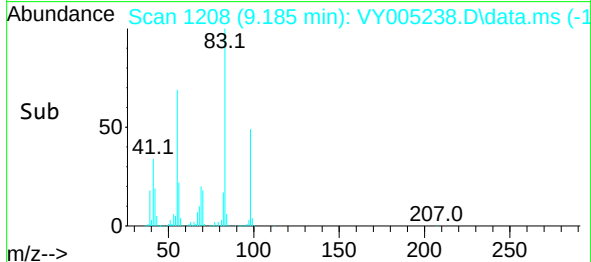
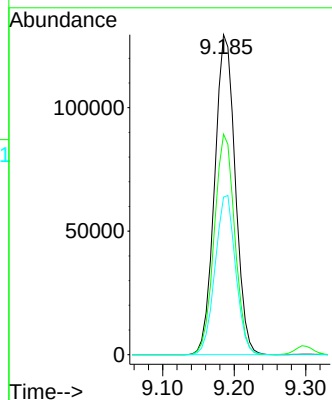
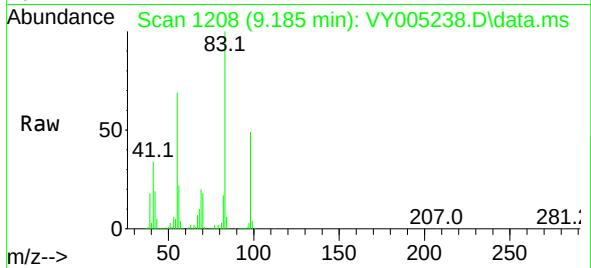




#39  
Methylcyclohexane  
Concen: 50.227 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

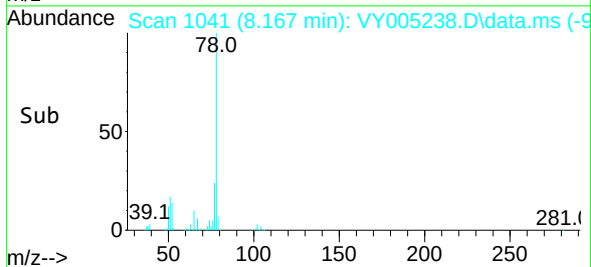
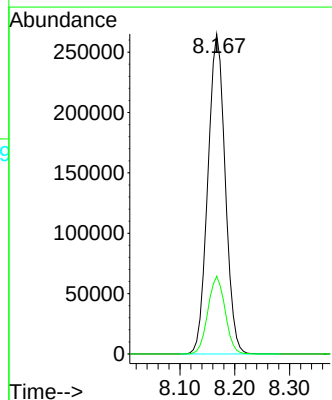
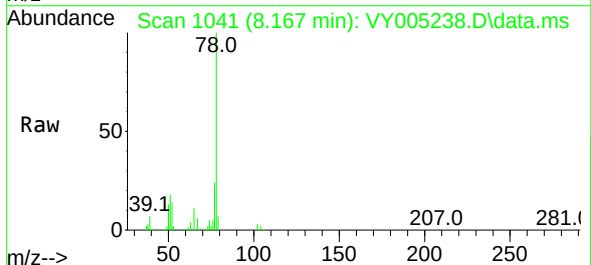
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 83 Resp: 259150  
Ion Ratio Lower Upper  
83 100  
55 68.9 55.5 83.3  
98 49.3 38.4 57.6

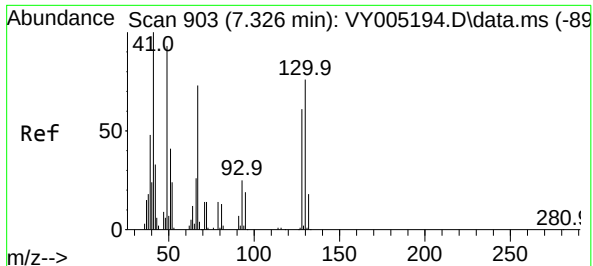


#40  
Benzene  
Concen: 49.411 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 78 Resp: 580869  
Ion Ratio Lower Upper  
78 100  
77 24.3 19.1 28.7





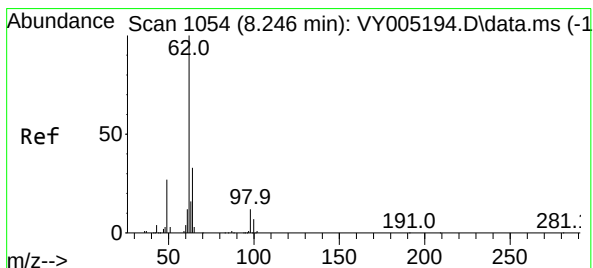
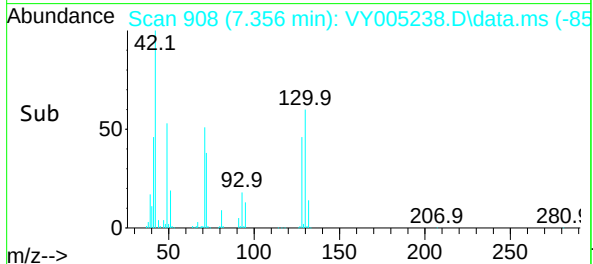
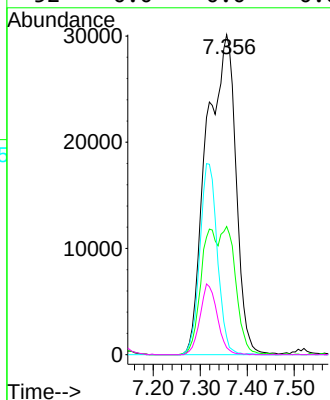
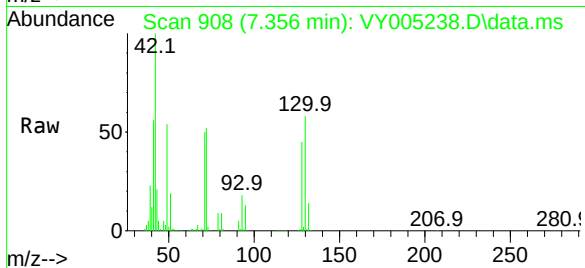


#41  
Methacrylonitrile  
Concen: 114.561 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.030 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 130622

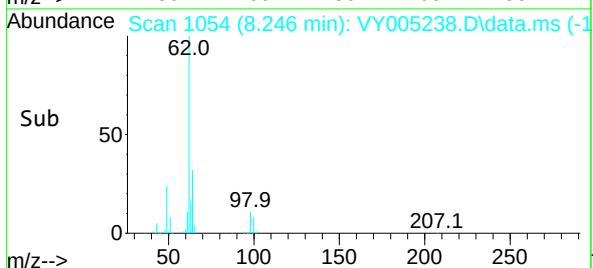
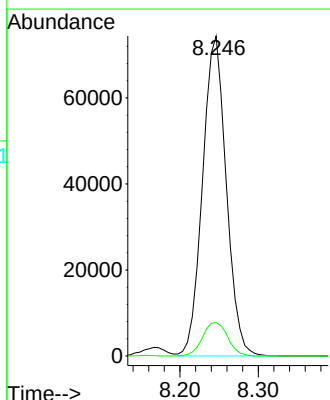
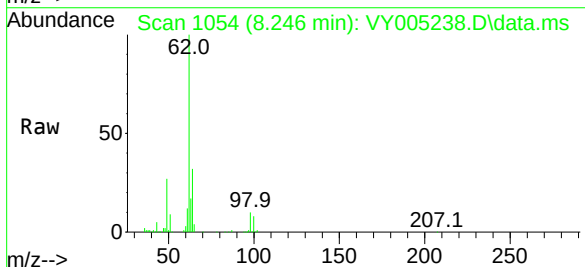
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 0.0   | 0.0   | 0.0   |
| 67  | 0.0   | 0.0   | 0.0   |
| 52  | 0.0   | 0.0   | 0.0   |

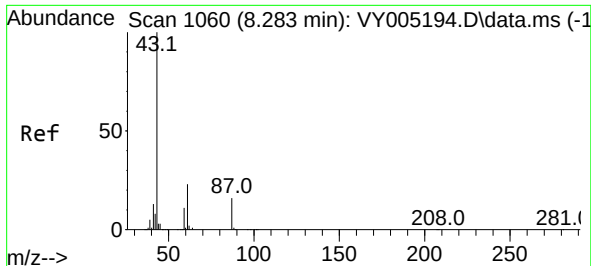


#42  
1,2-Dichloroethane  
Concen: 48.914 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 62 Resp: 156185

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 11.1  | 0.0   | 22.0  |





#43

Isopropyl Acetate

Concen: 48.010 ug/l

RT: 8.283 min Scan# 1060

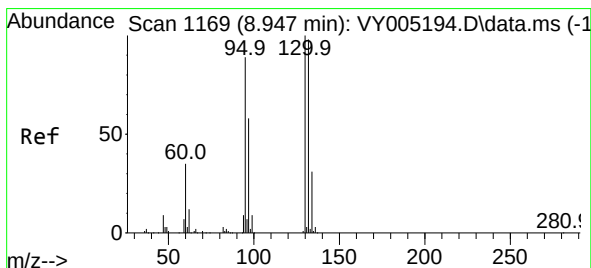
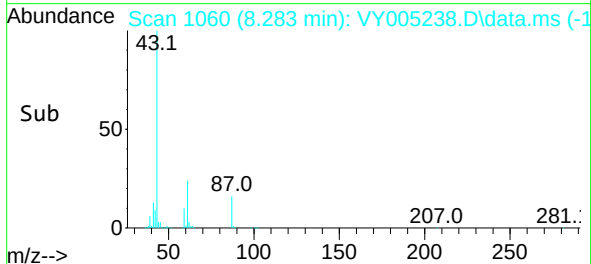
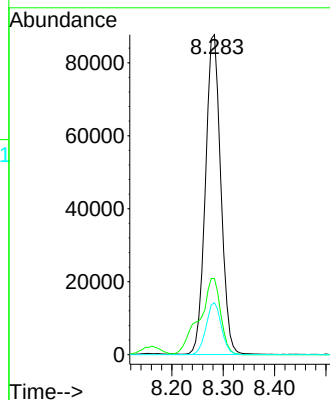
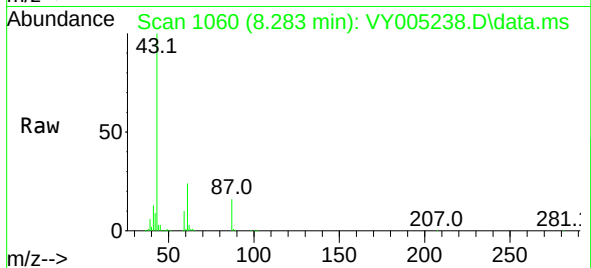
Delta R.T. 0.000 min

Lab File: VY005238.D

Acq: 28 Jun 2021 10:26

Tgt Ion: 43 Resp: 181426

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 33.1  | 25.5  | 38.3  |
| 87  | 16.2  | 12.9  | 19.3  |



#44

Trichloroethene

Concen: 50.547 ug/l

RT: 8.941 min Scan# 1168

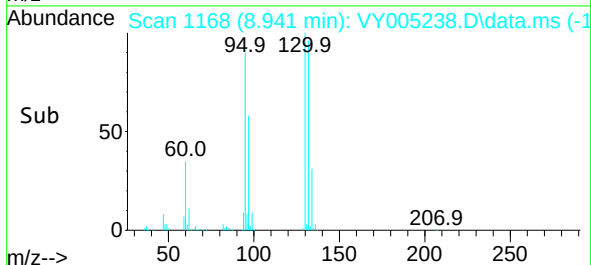
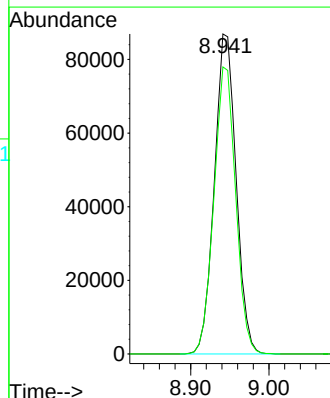
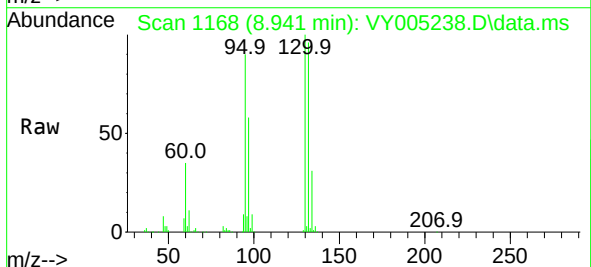
Delta R.T. -0.006 min

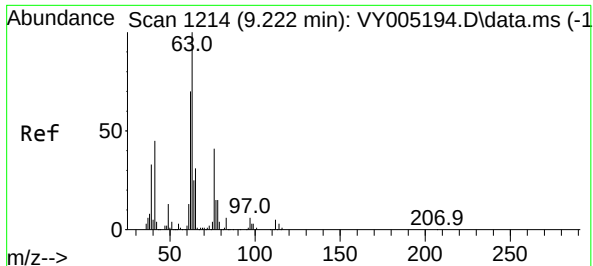
Lab File: VY005238.D

Acq: 28 Jun 2021 10:26

Tgt Ion: 130 Resp: 167999

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 89.7  | 0.0   | 177.8 |

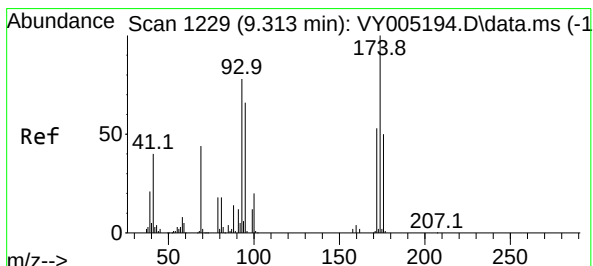
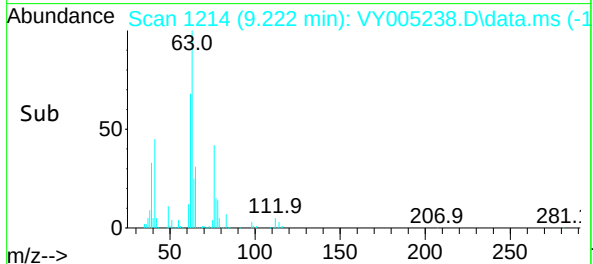
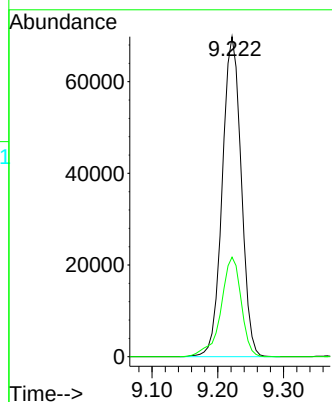
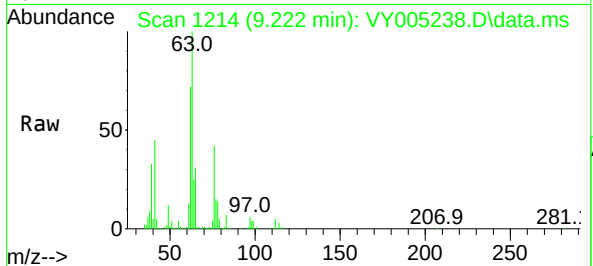




#45  
1,2-Dichloropropane  
Concen: 49.705 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

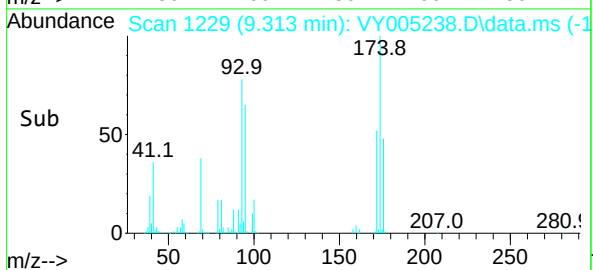
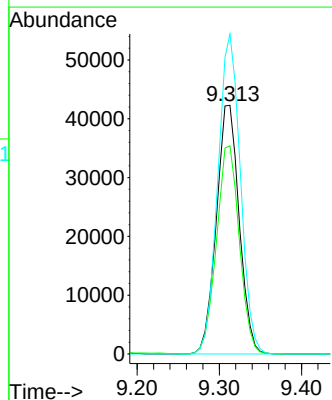
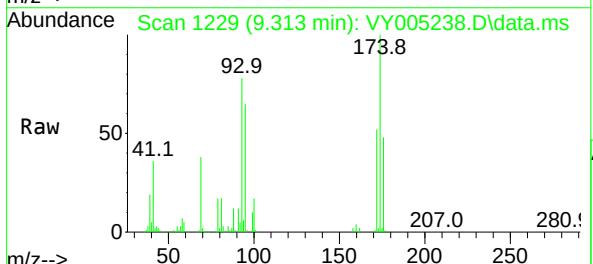
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

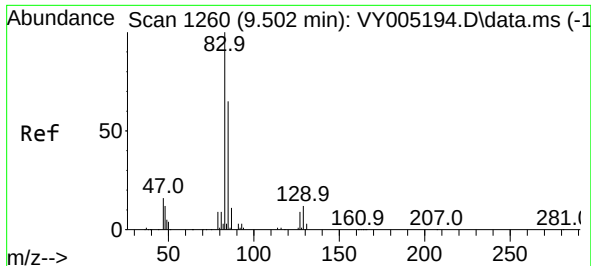
Tgt Ion: 63 Resp: 139820  
Ion Ratio Lower Upper  
63 100  
65 31.1 24.7 37.1



#46  
Dibromomethane  
Concen: 49.958 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 93 Resp: 81727  
Ion Ratio Lower Upper  
93 100  
95 83.6 66.6 99.8  
174 126.4 100.5 150.7

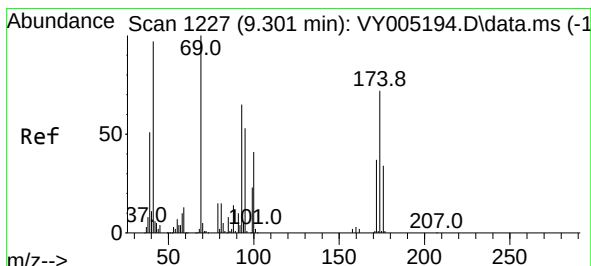
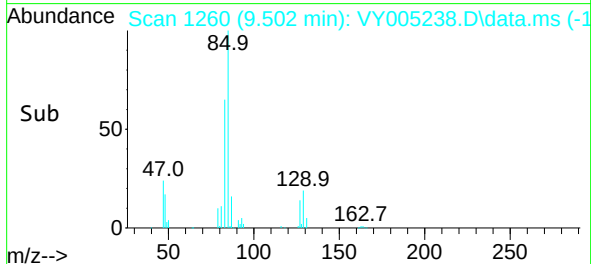
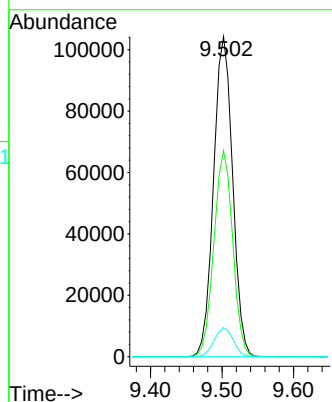
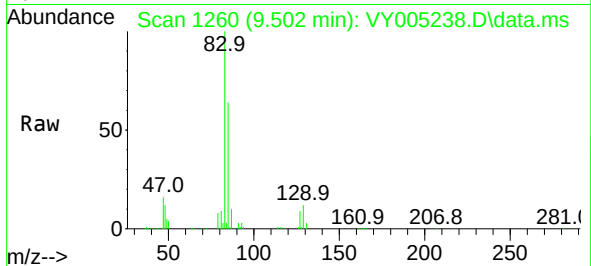




#47  
Bromodichloromethane  
Concen: 50.210 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

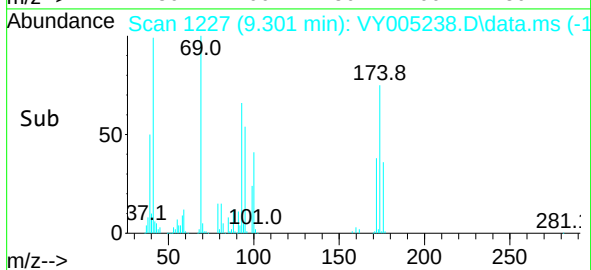
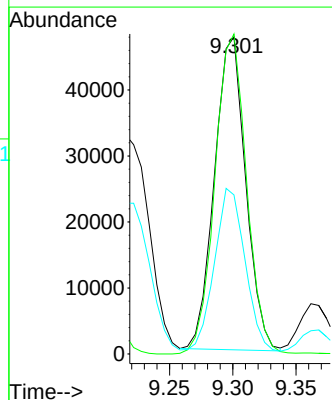
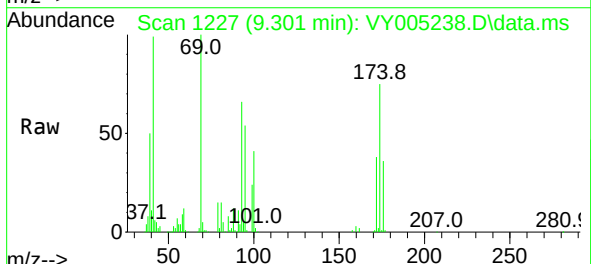
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

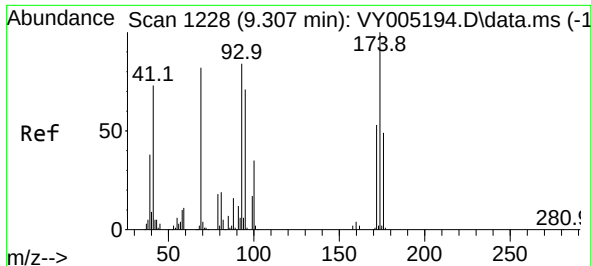
Tgt Ion: 83 Resp: 192597  
Ion Ratio Lower Upper  
83 100  
85 64.3 51.8 77.8  
127 9.1 7.3 10.9



#48  
Methyl methacrylate  
Concen: 49.032 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 41 Resp: 81286  
Ion Ratio Lower Upper  
41 100  
69 103.8 83.3 124.9  
39 51.3 42.3 63.5





#49

1,4-Dioxane

Concen: 919.870 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY005238.D

Acq: 28 Jun 2021 10:26

Tgt Ion: 88 Resp: 19789

Ion Ratio Lower Upper

88 100

43 25.9 19.6 29.4

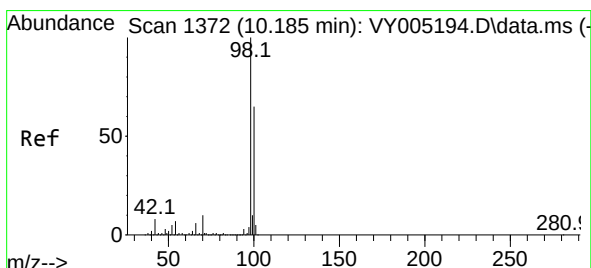
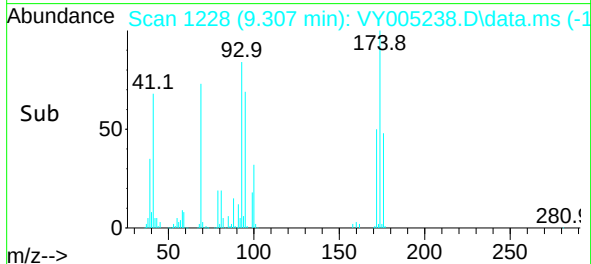
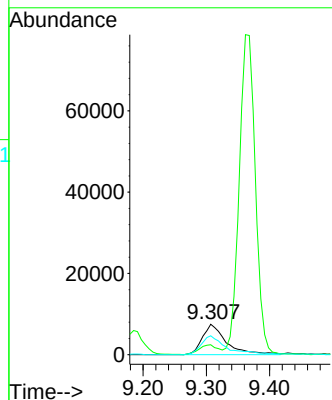
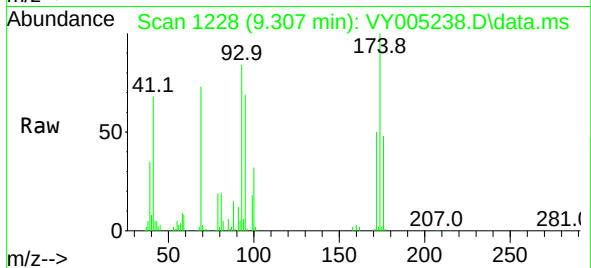
58 66.9 52.1 78.1

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050



#50

Toluene-d8

Concen: 51.980 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY005238.D

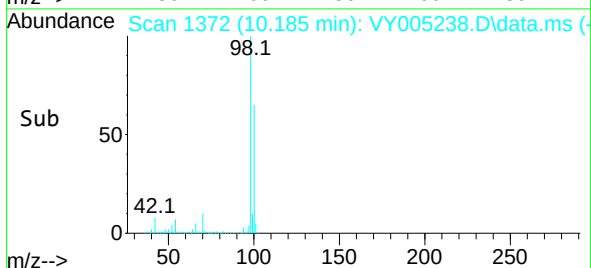
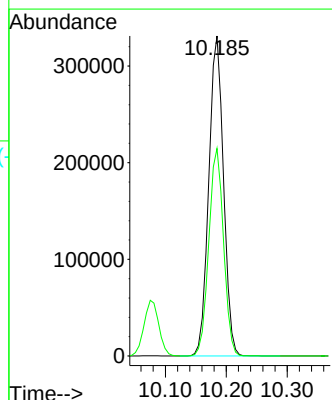
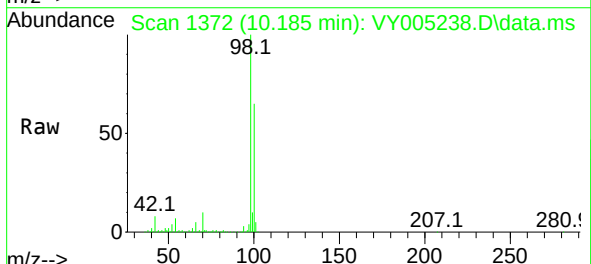
Acq: 28 Jun 2021 10:26

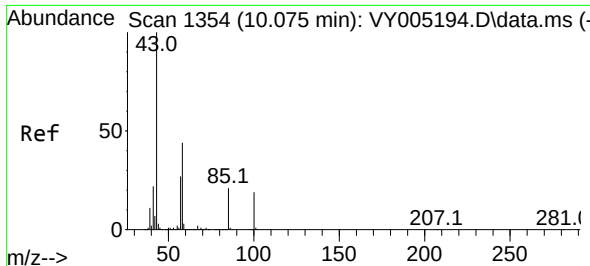
Tgt Ion: 98 Resp: 555048

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9

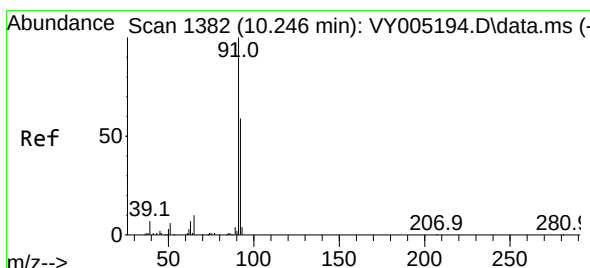
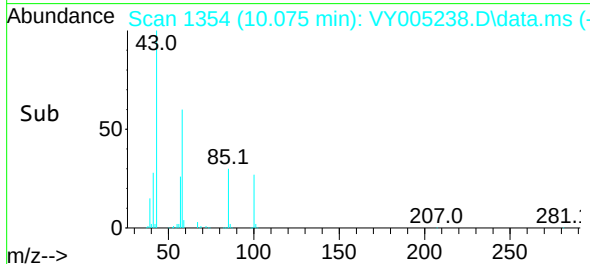
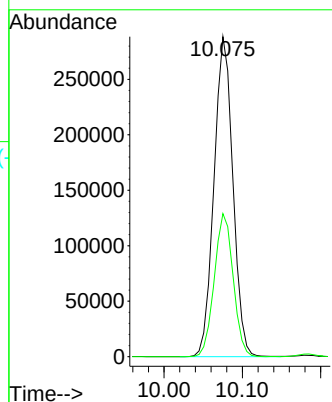
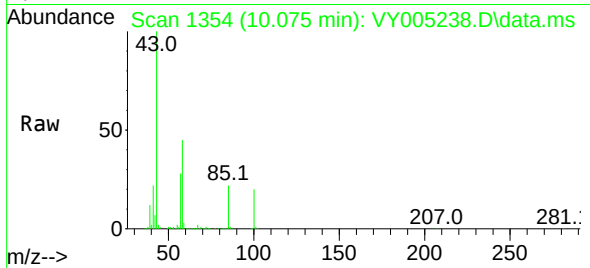




#51  
4-Methyl-2-Pentanone  
Concen: 244.365 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

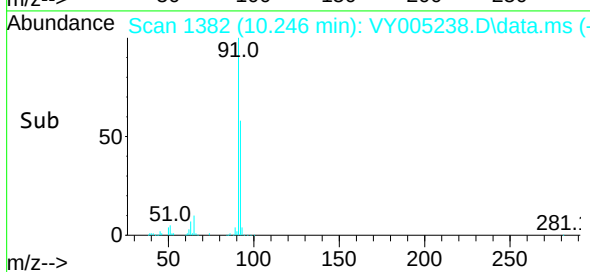
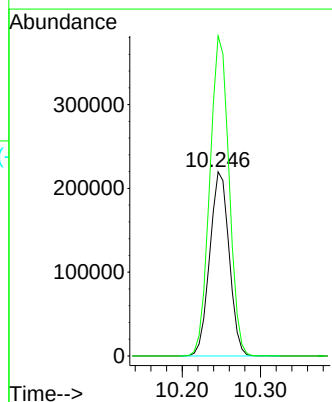
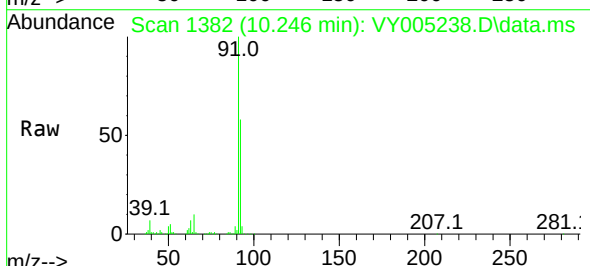
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

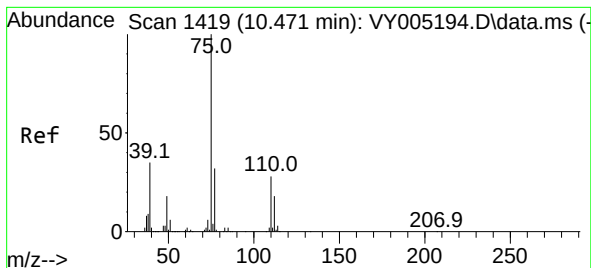
Tgt Ion: 43 Resp: 483328  
Ion Ratio Lower Upper  
43 100  
58 44.7 35.3 52.9



#52  
Toluene  
Concen: 50.130 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 92 Resp: 376682  
Ion Ratio Lower Upper  
92 100  
91 172.9 138.3 207.5

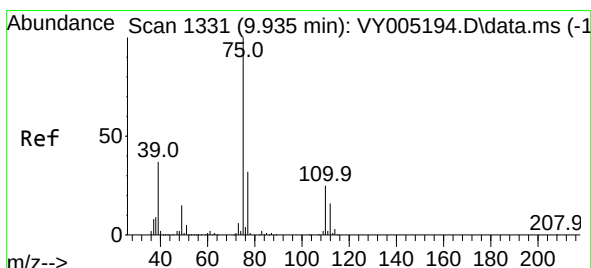
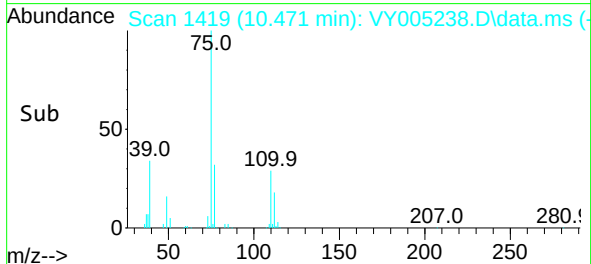
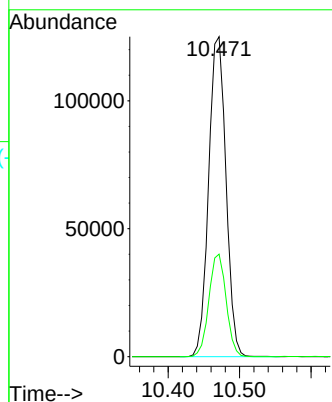
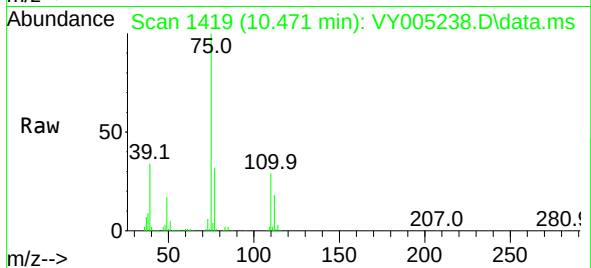




#53  
t-1,3-Dichloropropene  
Concen: 50.124 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

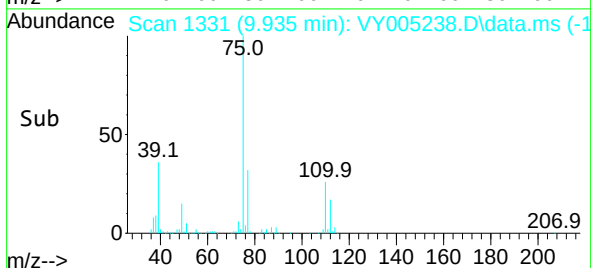
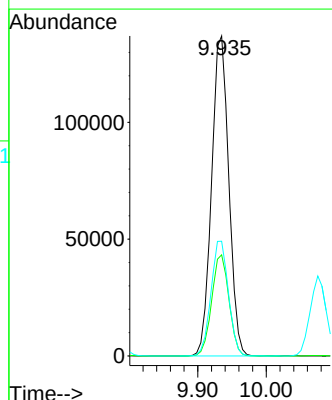
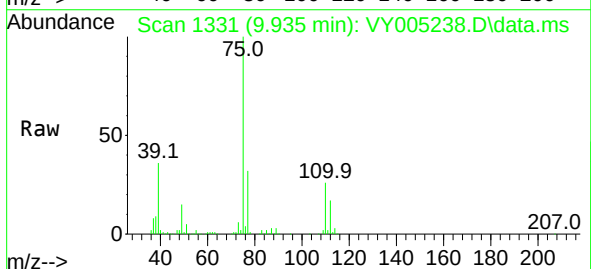
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

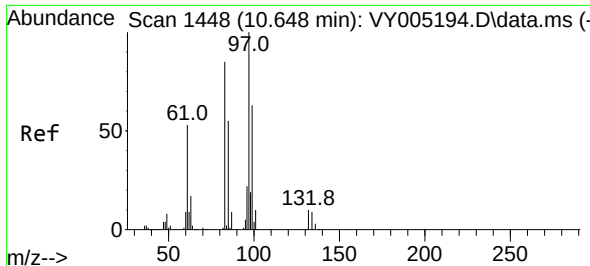
Tgt Ion: 75 Resp: 210468  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.3 37.9



#54  
cis-1,3-Dichloropropene  
Concen: 50.508 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 75 Resp: 239096  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.8 38.8  
39 35.8 29.4 44.0



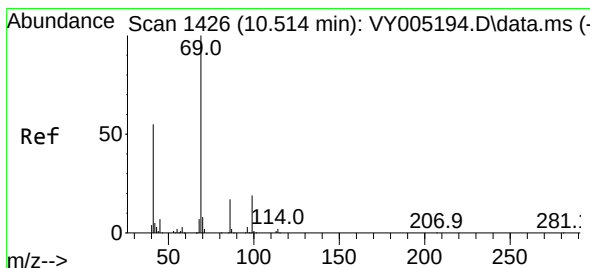
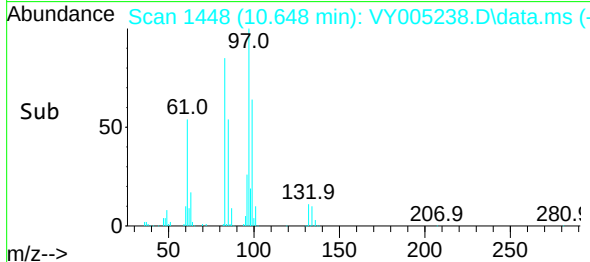
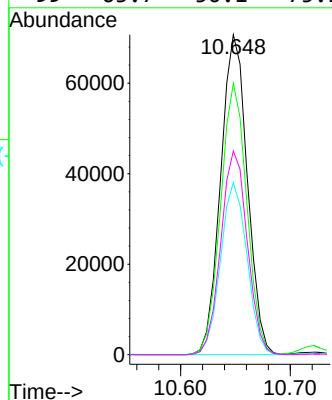
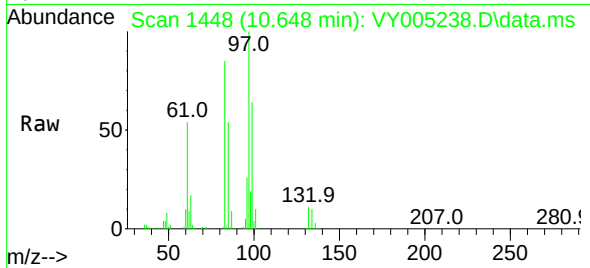


#55  
1,1,2-Trichloroethane  
Concen: 50.098 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 119684

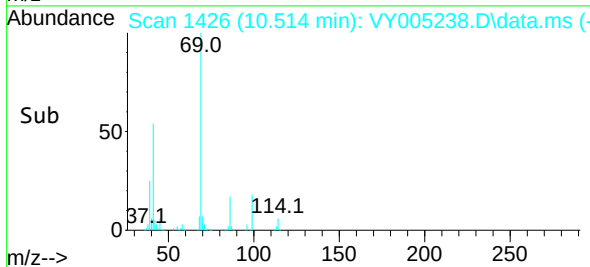
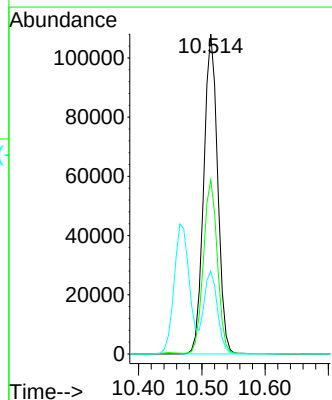
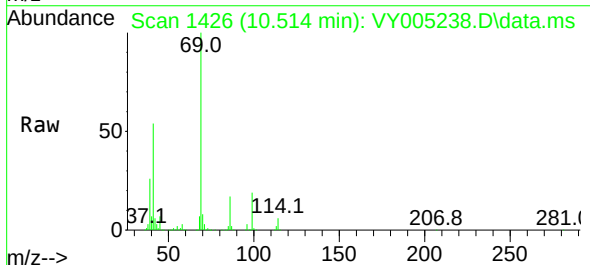
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.8  | 68.4  | 102.6 |
| 85  | 53.7  | 43.7  | 65.5  |
| 99  | 63.7  | 50.1  | 75.1  |



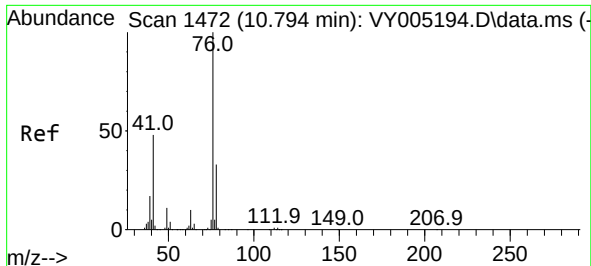
#56  
Ethyl methacrylate  
Concen: 51.078 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 69 Resp: 165648

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 54.4  | 44.4  | 66.6  |
| 39  | 24.4  | 20.5  | 30.7  |



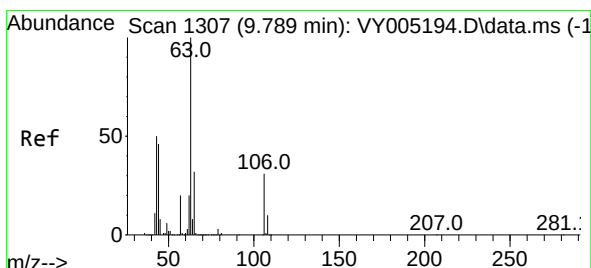
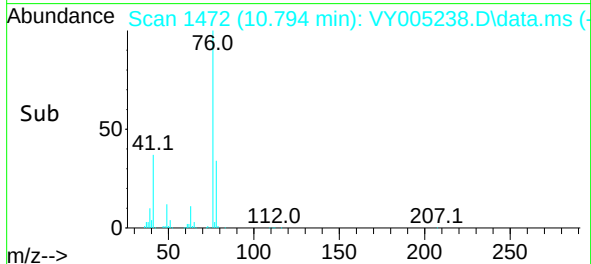
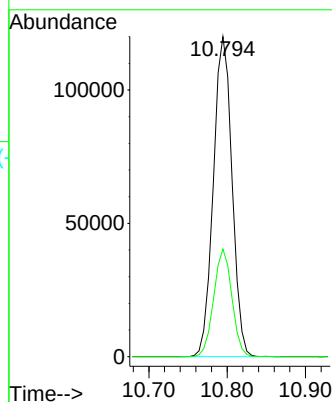
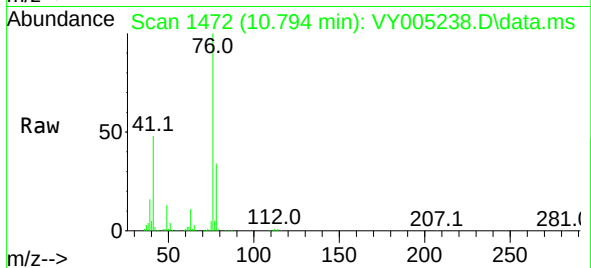




#57  
1,3-Dichloropropane  
Concen: 49.663 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

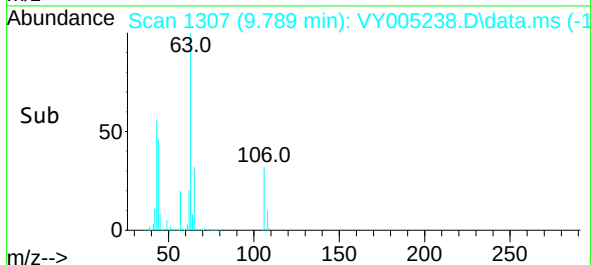
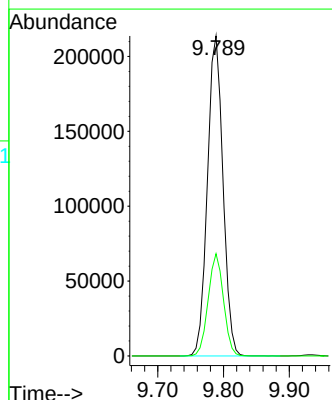
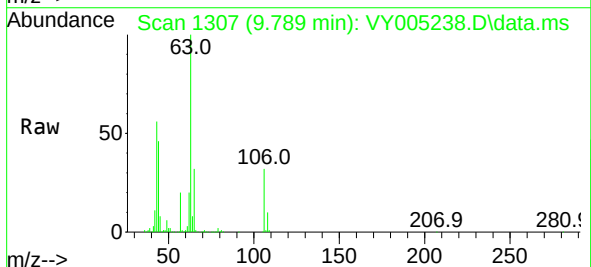
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

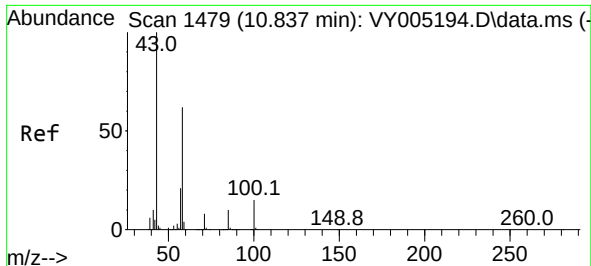
Tgt Ion: 76 Resp: 198718  
Ion Ratio Lower Upper  
76 100  
78 32.7 26.0 39.0



#58  
2-Chloroethyl Vinyl ether  
Concen: 245.503 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 63 Resp: 351157  
Ion Ratio Lower Upper  
63 100  
106 31.4 24.7 37.1

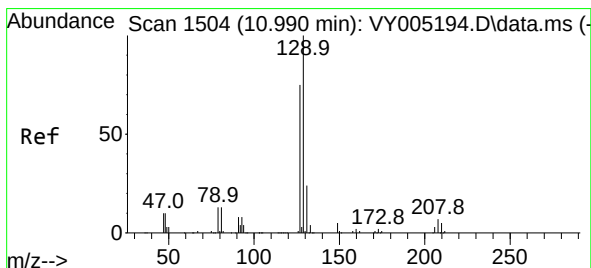
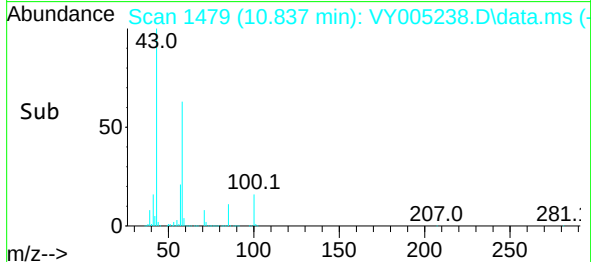
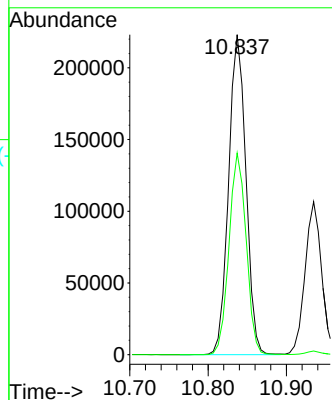
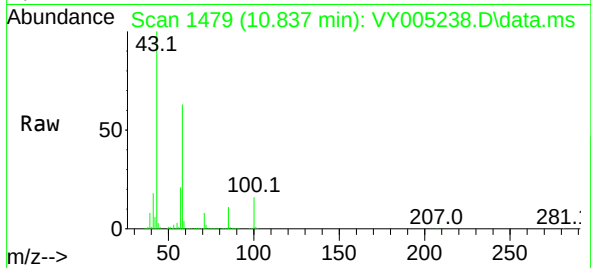




#59  
2-Hexanone  
Concen: 251.916 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

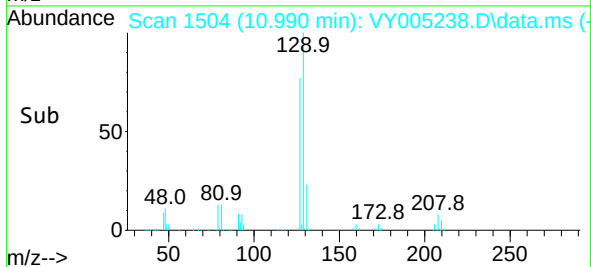
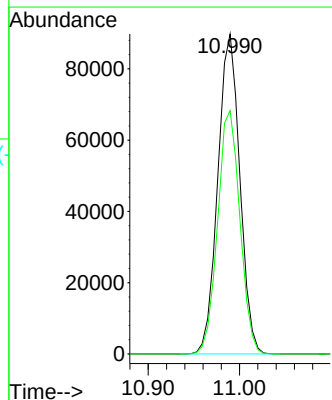
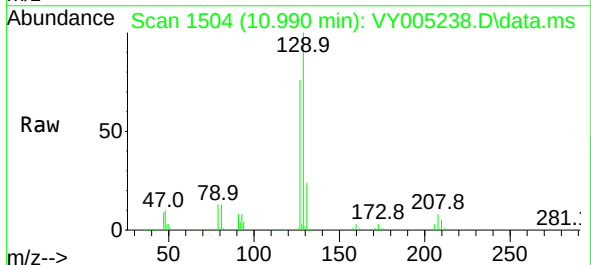
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

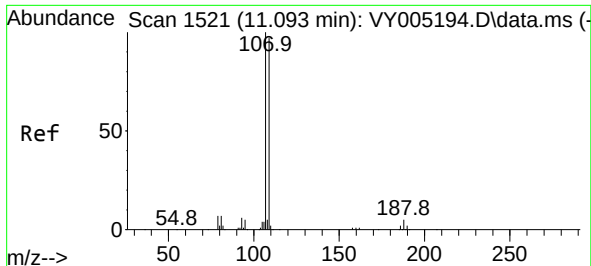
Tgt Ion: 43 Resp: 342699  
Ion Ratio Lower Upper  
43 100  
58 62.5 30.8 92.4



#60  
Dibromochloromethane  
Concen: 51.316 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 129 Resp: 150176  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.7 116.1

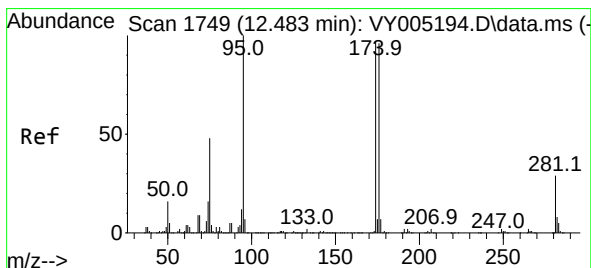
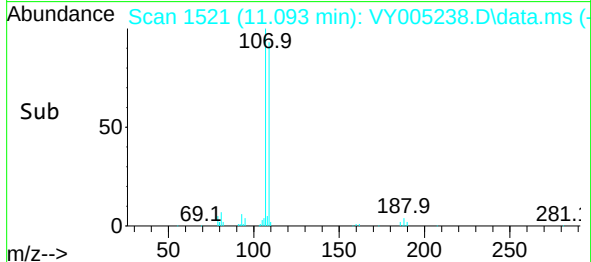
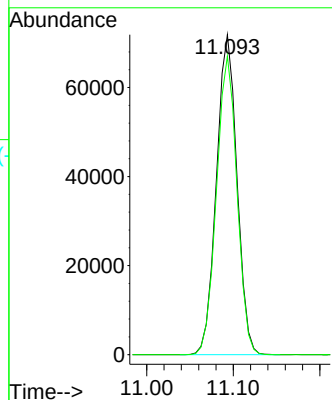
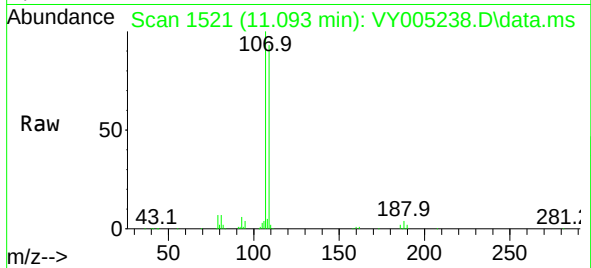




#61  
1,2-Dibromoethane  
Concen: 50.873 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

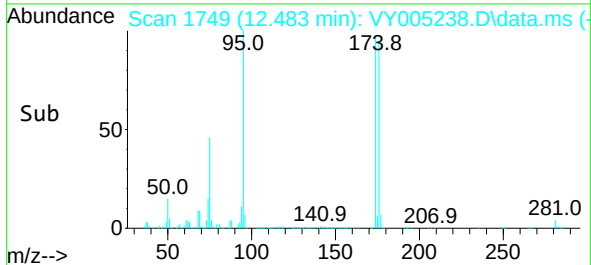
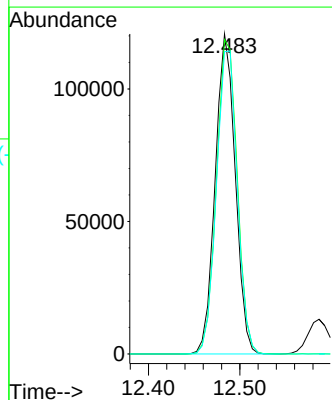
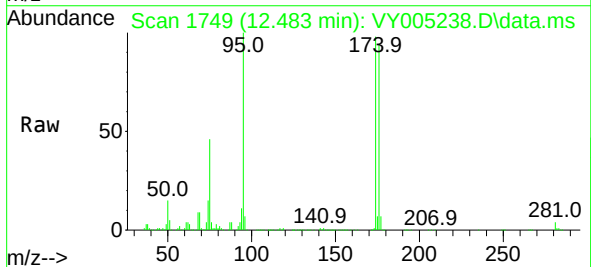
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

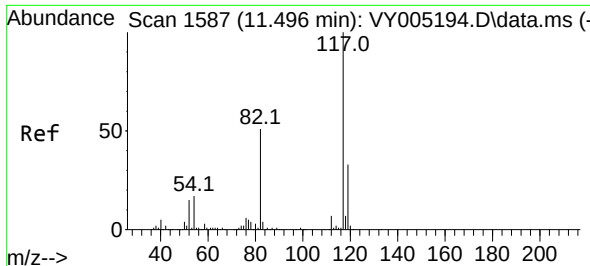
Tgt Ion:107 Resp: 118224  
Ion Ratio Lower Upper  
107 100  
109 93.3 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 51.654 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 95 Resp: 183797  
Ion Ratio Lower Upper  
95 100  
174 101.6 0.0 201.6  
176 98.7 0.0 197.4

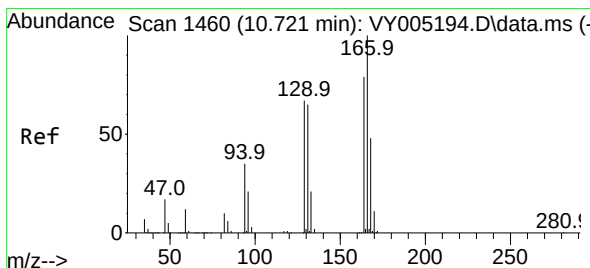
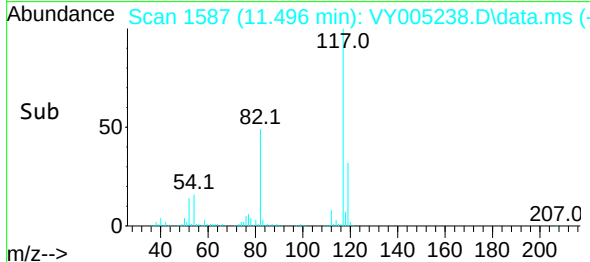
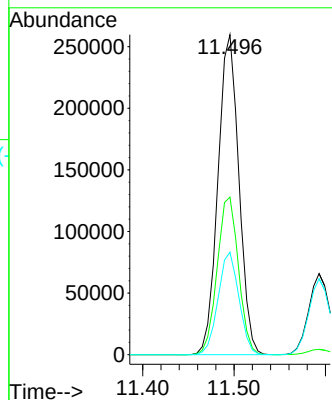
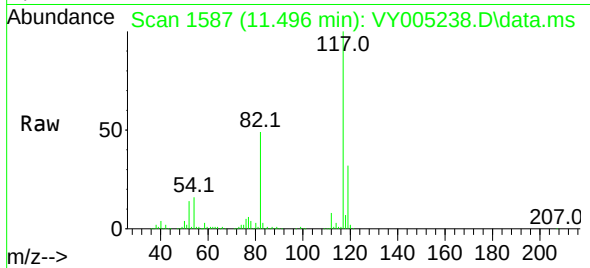




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

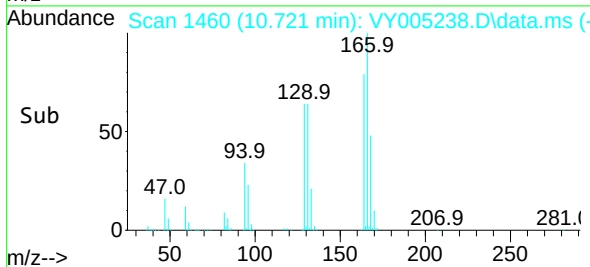
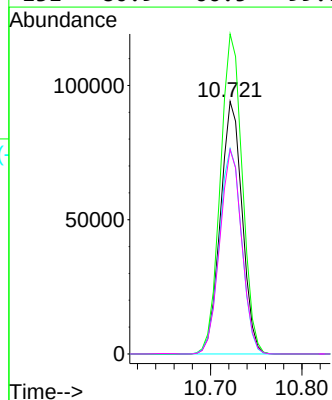
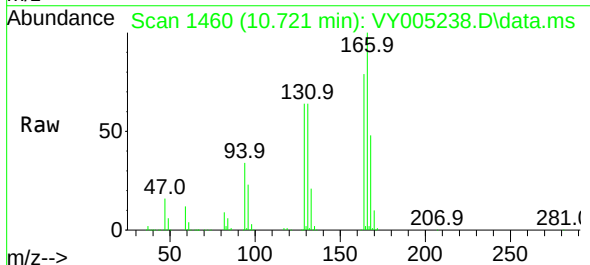
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

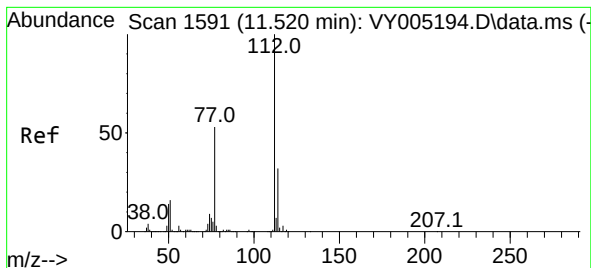
Tgt Ion:117 Resp: 414188  
Ion Ratio Lower Upper  
117 100  
82 49.2 40.6 60.8  
119 32.1 26.1 39.1



#64  
Tetrachloroethene  
Concen: 50.869 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion:164 Resp: 155478  
Ion Ratio Lower Upper  
164 100  
166 126.7 101.6 152.4  
129 81.3 67.6 101.4  
131 80.9 66.5 99.7

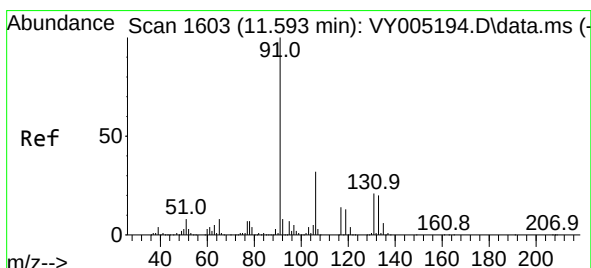
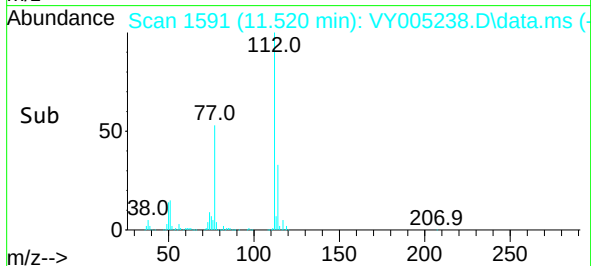
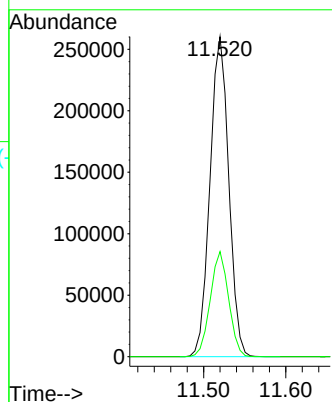
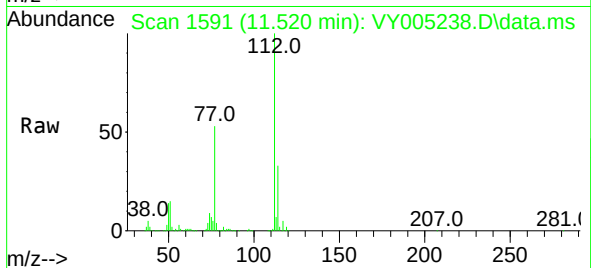




#65  
Chlorobenzene  
Concen: 50.317 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

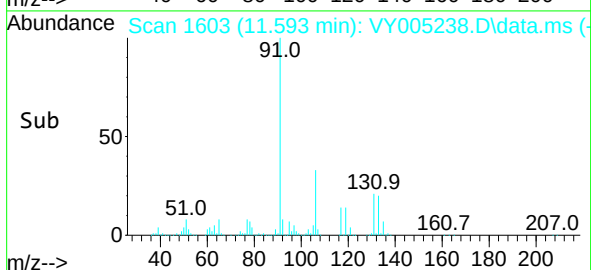
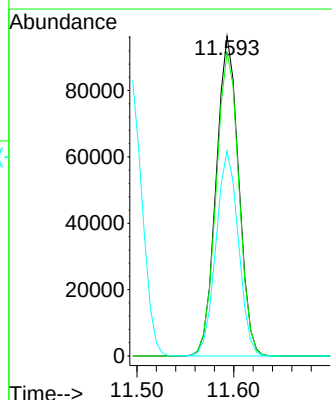
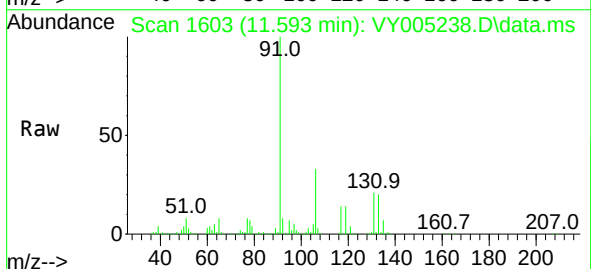
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

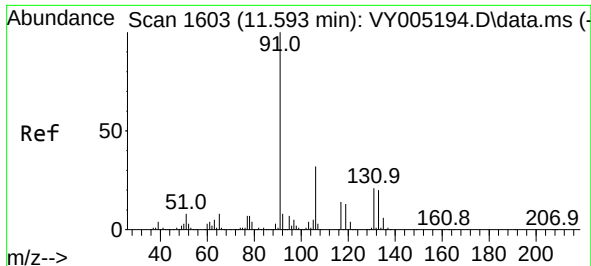
Tgt Ion:112 Resp: 413077  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.974 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion:131 Resp: 155319  
Ion Ratio Lower Upper  
131 100  
133 96.0 48.4 145.2  
119 63.9 32.4 97.0

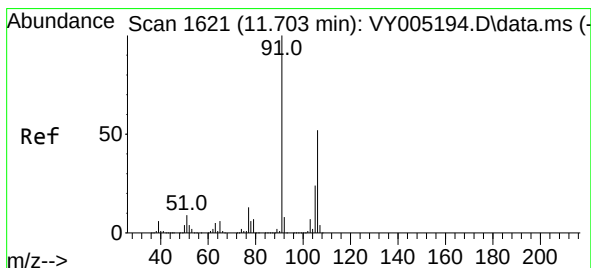
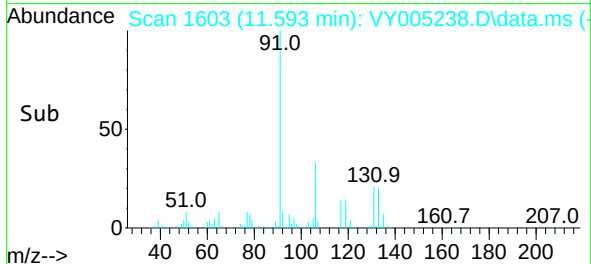
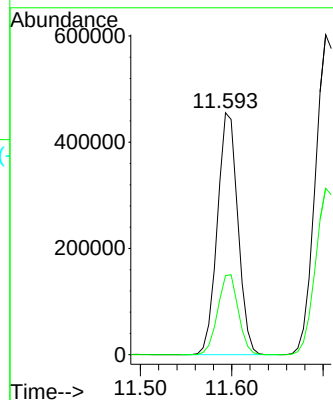
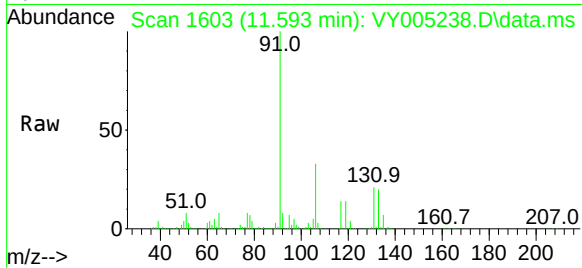




#67  
Ethyl Benzene  
Concen: 50.197 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

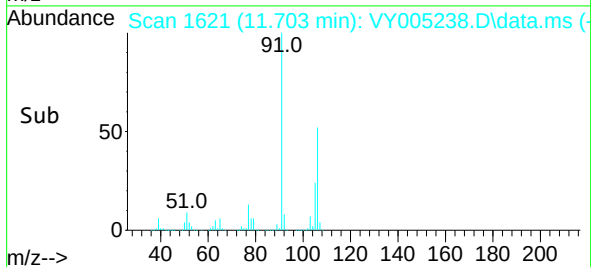
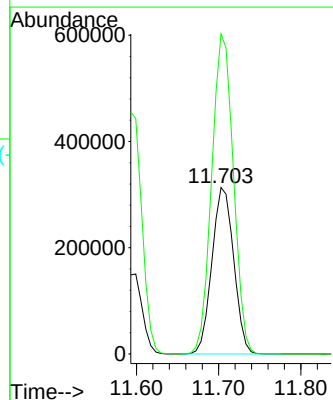
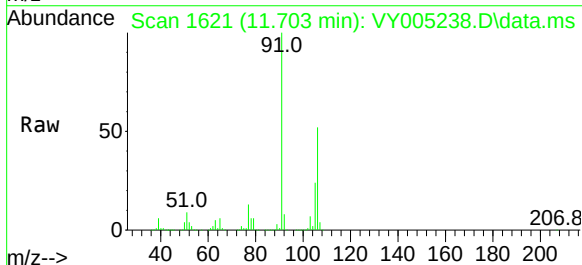
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

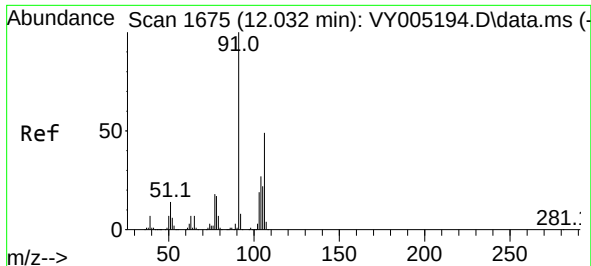
Tgt Ion: 91 Resp: 710582  
Ion Ratio Lower Upper  
91 100  
106 32.7 25.8 38.6



#68  
m/p-Xylenes  
Concen: 101.629 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion:106 Resp: 576389  
Ion Ratio Lower Upper  
106 100  
91 191.4 154.8 232.2

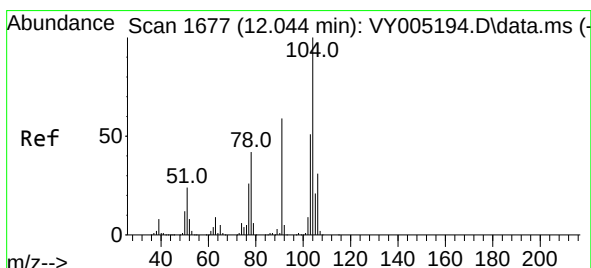
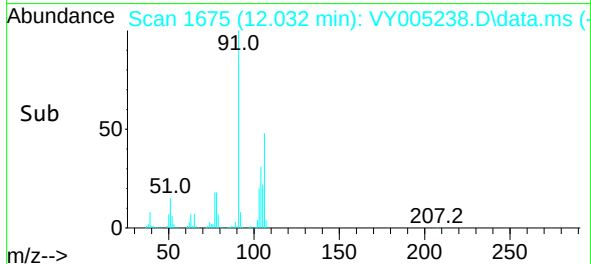
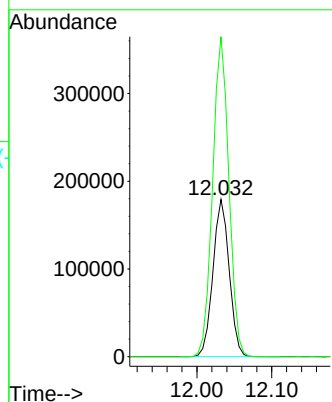
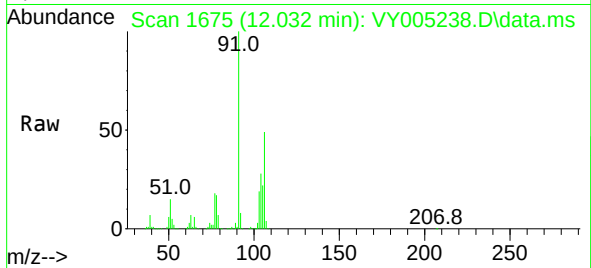




#69  
o-Xylene  
Concen: 50.503 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

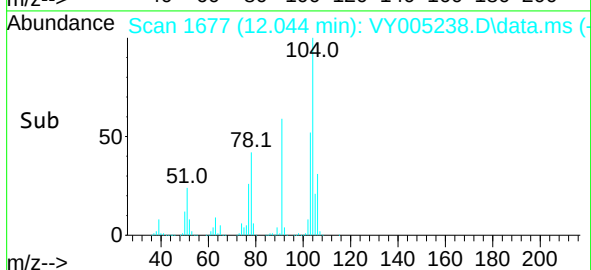
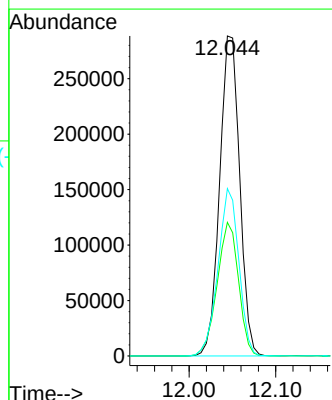
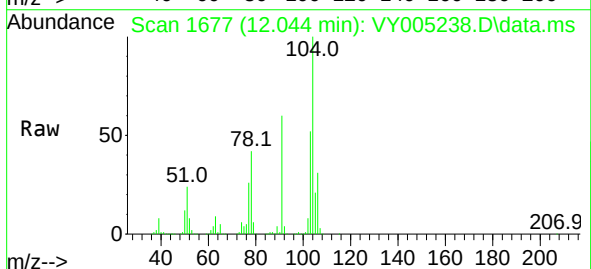
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

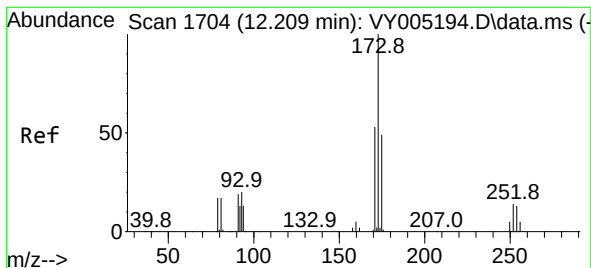
Tgt Ion:106 Resp: 271224  
Ion Ratio Lower Upper  
106 100  
91 203.7 101.6 304.8



#70  
Styrene  
Concen: 51.423 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion:104 Resp: 464351  
Ion Ratio Lower Upper  
104 100  
78 44.6 36.4 54.6  
103 54.5 43.8 65.8

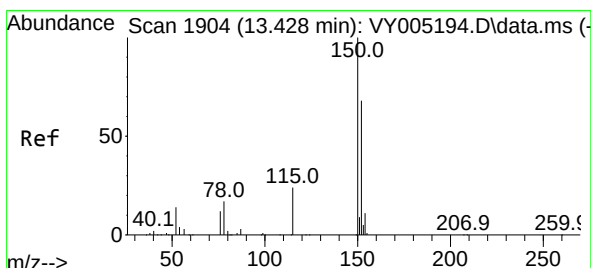
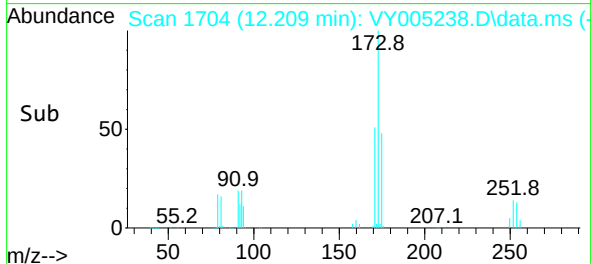
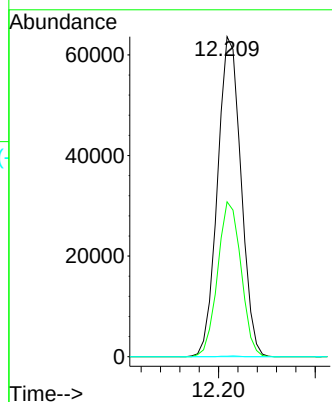
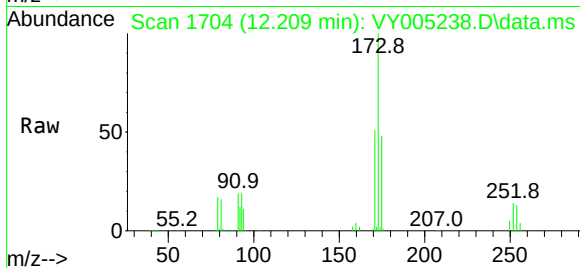




#71  
Bromoform  
Concen: 51.609 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

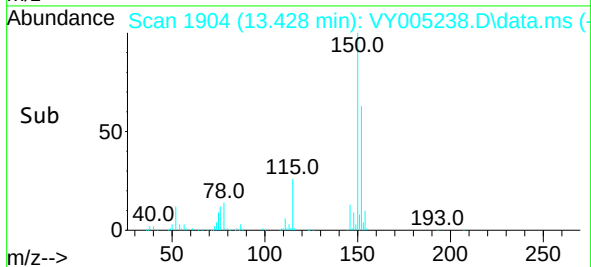
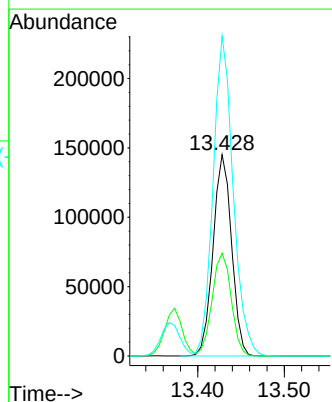
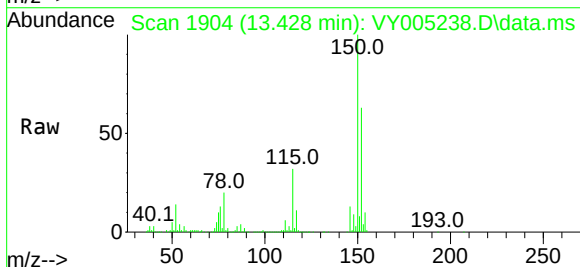
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 107003  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.4 73.4  
254 0.2 0.2 0.2#

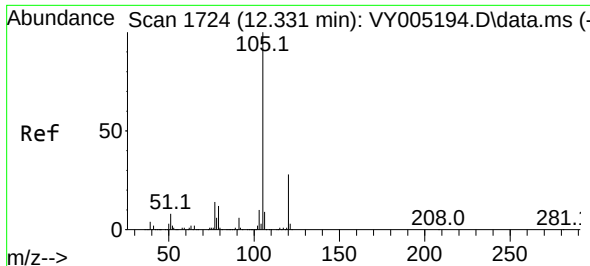


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion:152 Resp: 215361  
Ion Ratio Lower Upper  
152 100  
115 52.7 26.3 78.8  
150 172.9 0.0 344.2



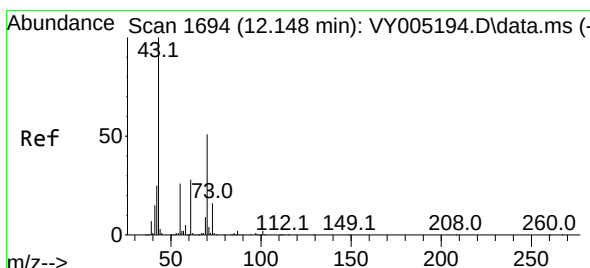
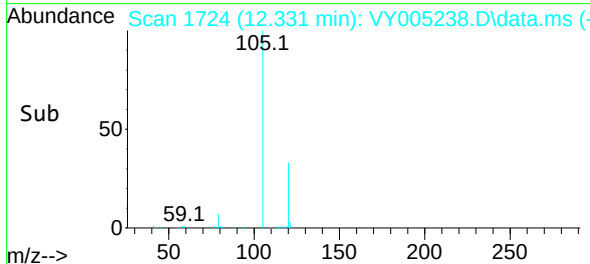
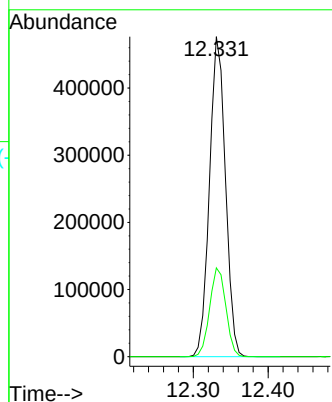
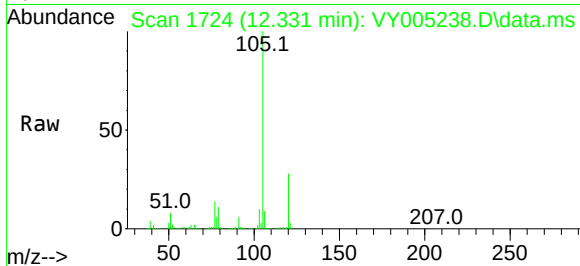




#73  
Isopropylbenzene  
Concen: 50.511 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

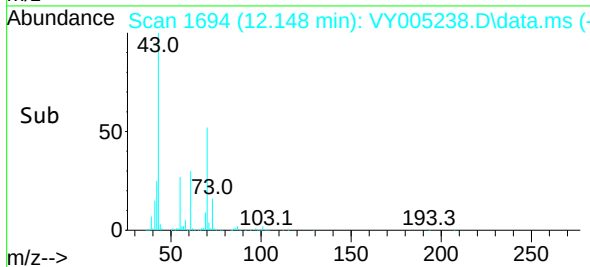
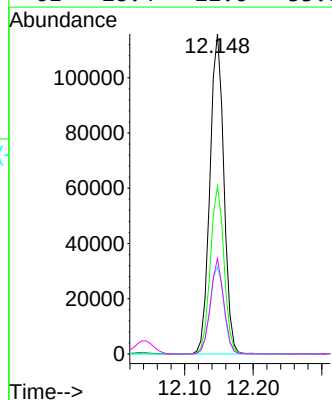
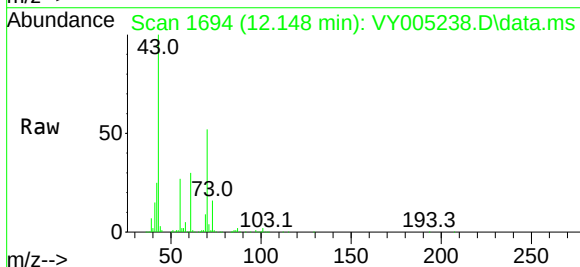
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

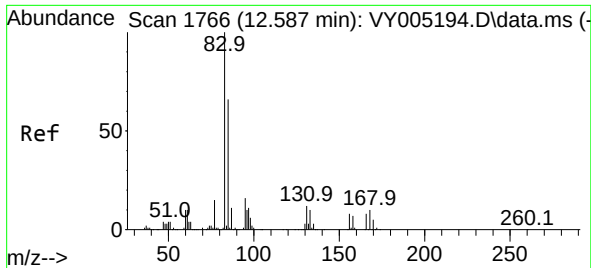
Tgt Ion:105 Resp: 705544  
Ion Ratio Lower Upper  
105 100  
120 28.1 14.0 42.0



#74  
N-ethyl acetate  
Concen: 49.730 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 43 Resp: 164396  
Ion Ratio Lower Upper  
43 100  
70 51.5 40.6 61.0  
55 27.6 21.5 32.3  
61 28.4 22.6 33.8

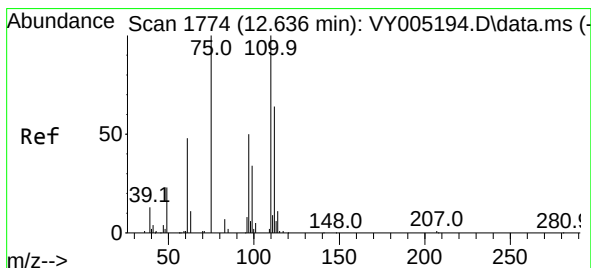
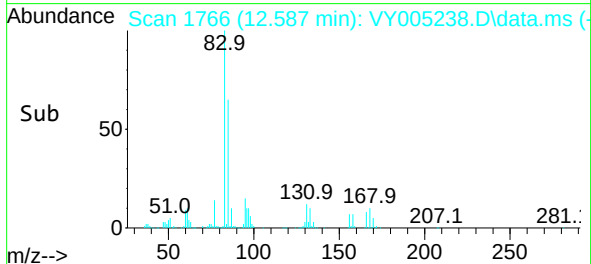
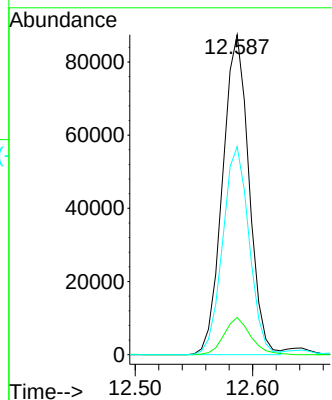
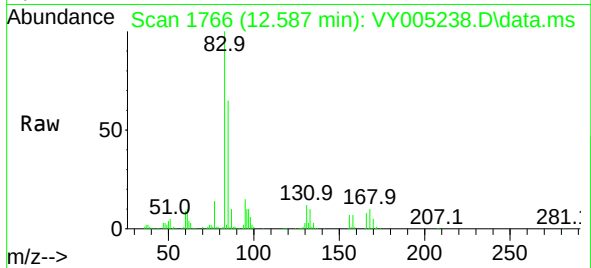




#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.515 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

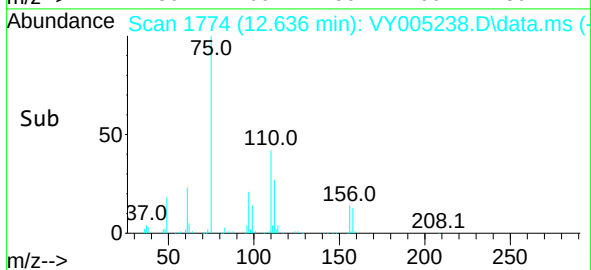
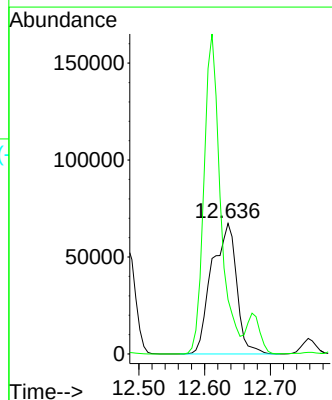
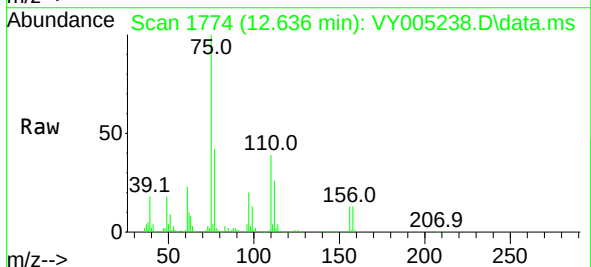
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

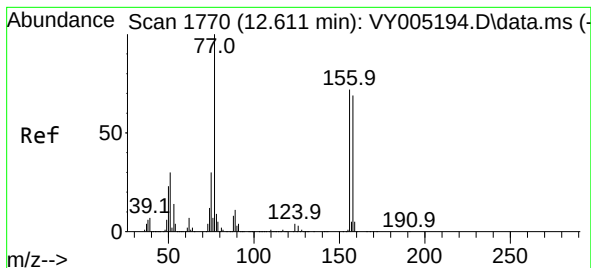
Tgt Ion: 83 Resp: 136283  
Ion Ratio Lower Upper  
83 100  
131 11.7 5.9 17.6  
85 65.2 32.5 97.5



#76  
1,2,3-Trichloropropane  
Concen: 92.814 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 75 Resp: 177275  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

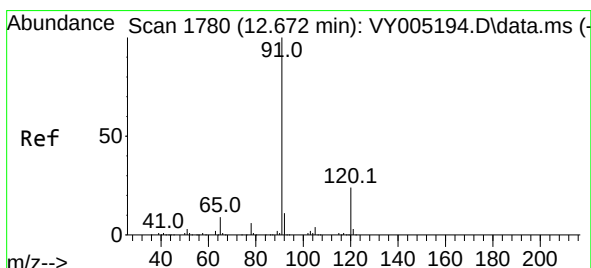
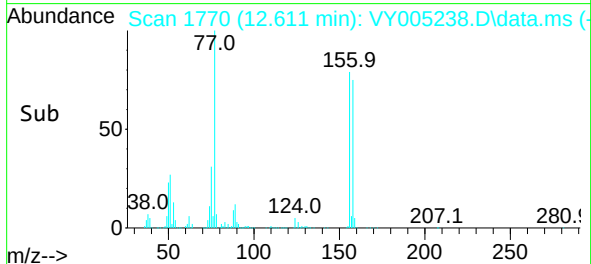
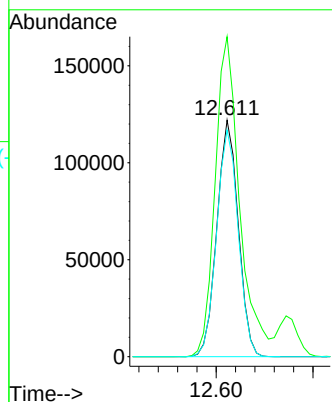
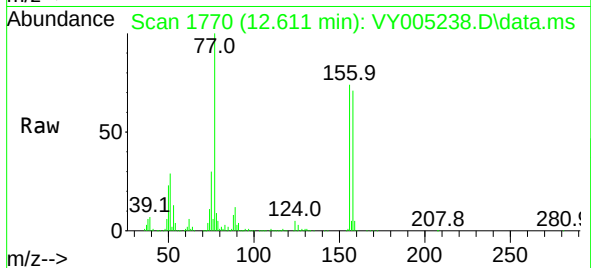




#77  
Bromobenzene  
Concen: 50.388 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

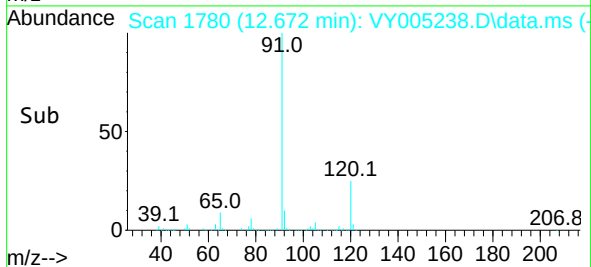
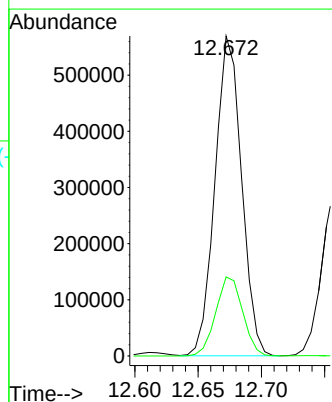
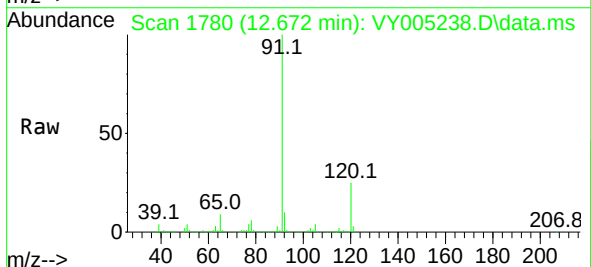
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

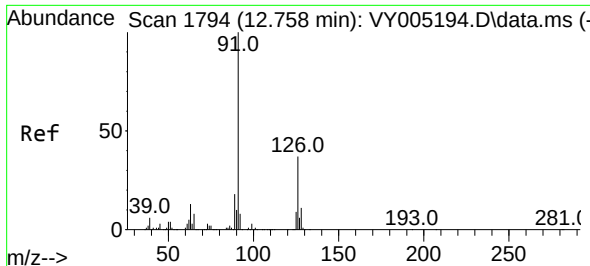
Tgt Ion:156 Resp: 186765  
Ion Ratio Lower Upper  
156 100  
77 154.5 78.5 235.7  
158 97.1 48.2 144.6



#78  
n-propylbenzene  
Concen: 50.438 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 91 Resp: 830758  
Ion Ratio Lower Upper  
91 100  
120 25.1 12.4 37.0

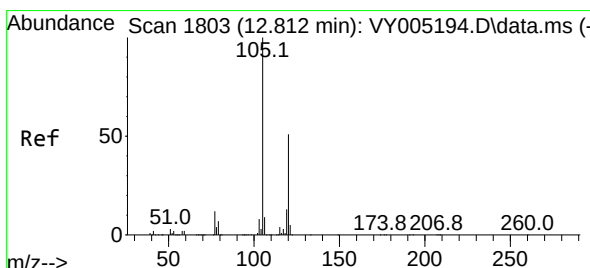
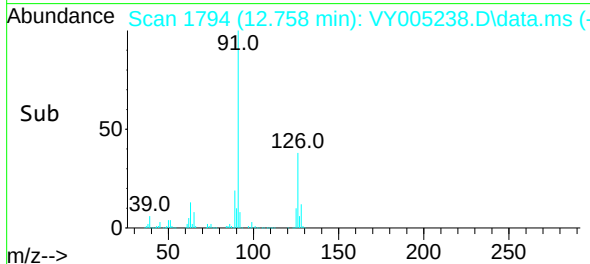
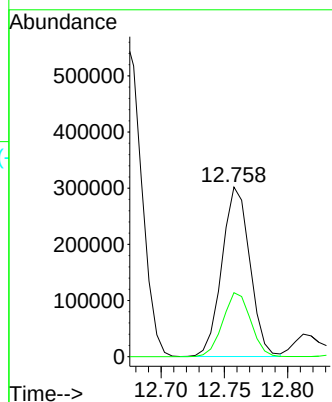
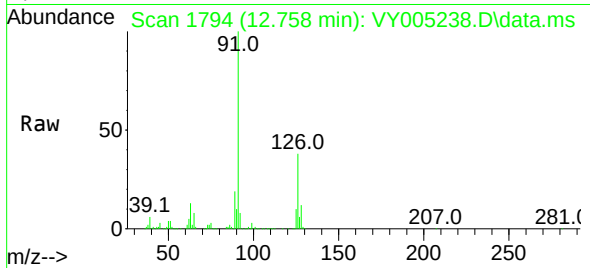




#79  
2-Chlorotoluene  
Concen: 49.935 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

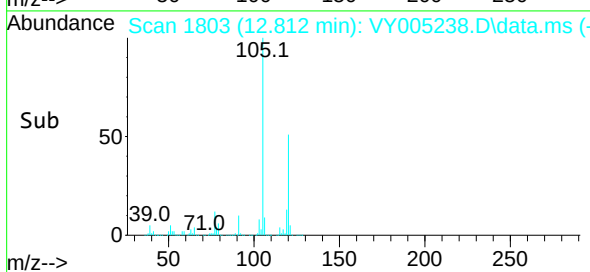
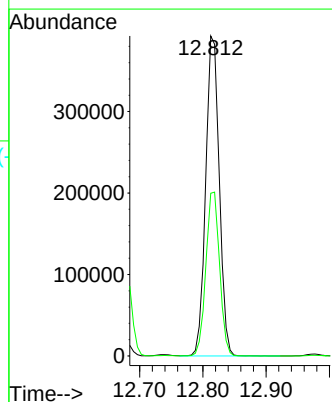
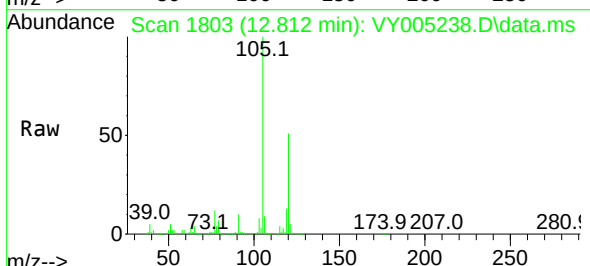
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

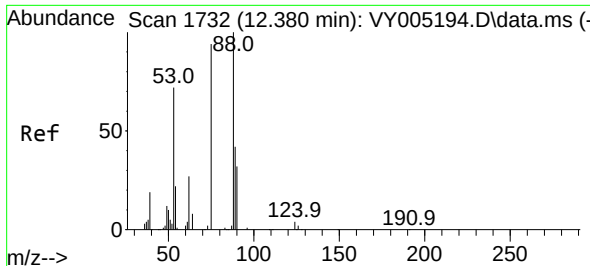
Tgt Ion: 91 Resp: 463969  
Ion Ratio Lower Upper  
91 100  
126 37.6 18.6 55.6



#80  
1,3,5-Trimethylbenzene  
Concen: 50.867 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 105 Resp: 587779  
Ion Ratio Lower Upper  
105 100  
120 51.7 25.9 77.7

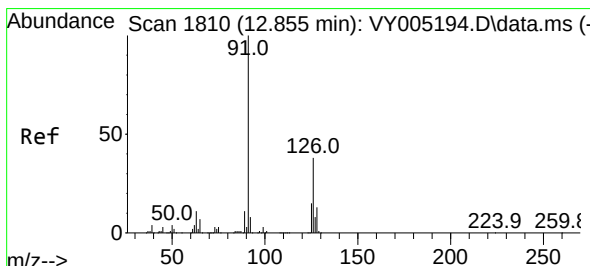
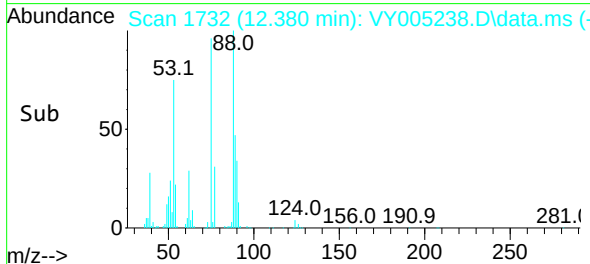
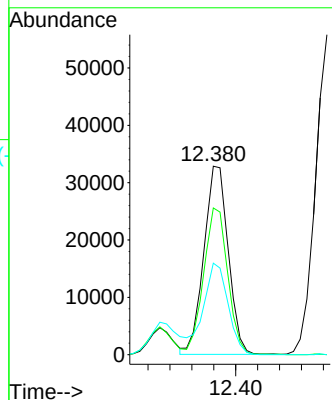
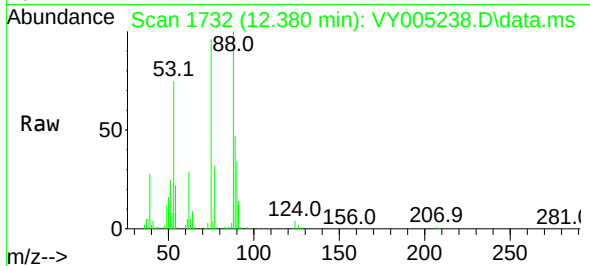




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.500 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

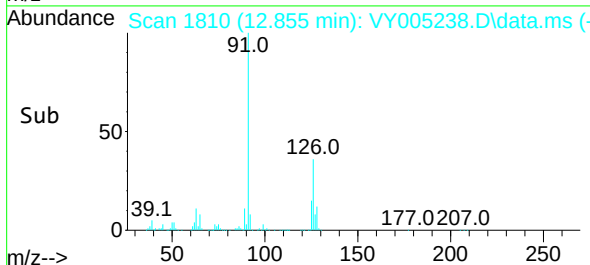
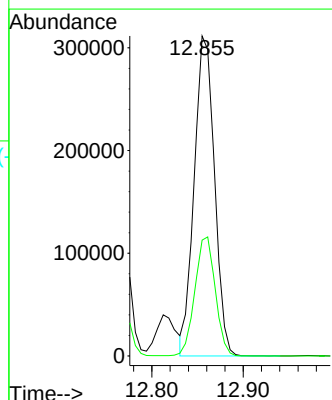
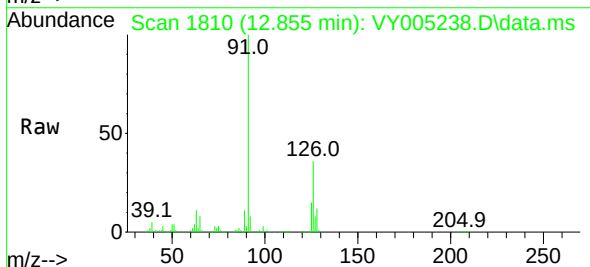
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

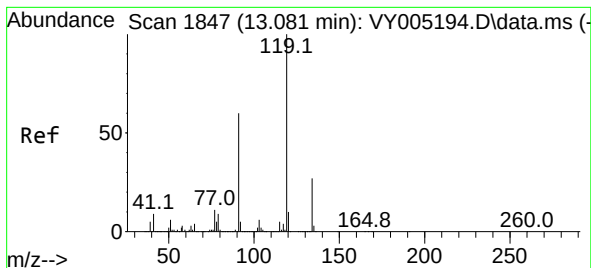
Tgt Ion: 75 Resp: 50674  
Ion Ratio Lower Upper  
75 100  
53 77.1 63.0 94.4  
89 49.0 38.0 57.0



#82  
4-Chlorotoluene  
Concen: 49.935 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion: 91 Resp: 479998  
Ion Ratio Lower Upper  
91 100  
126 37.5 18.6 55.8

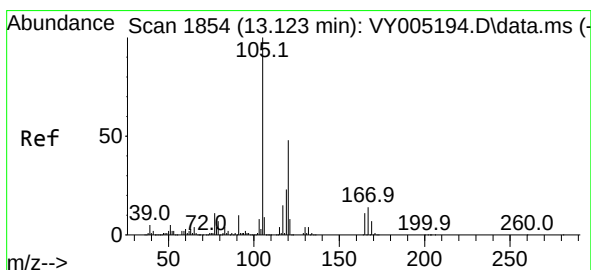
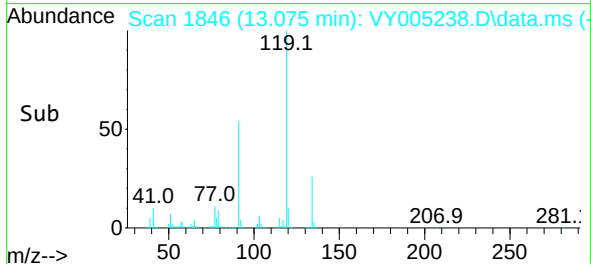
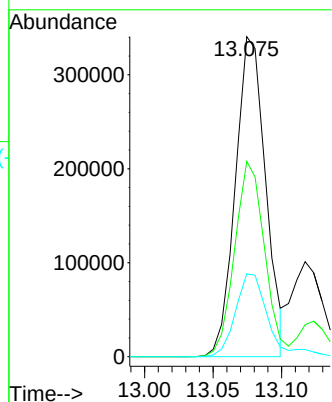
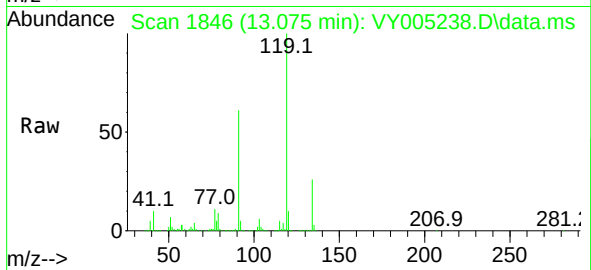




#83  
tert-Butylbenzene  
Concen: 50.726 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

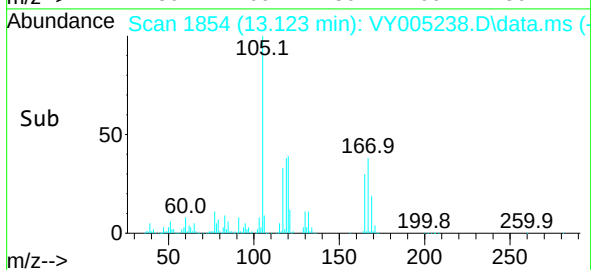
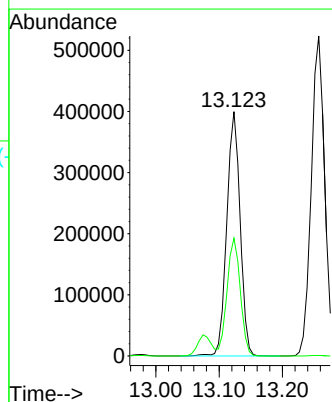
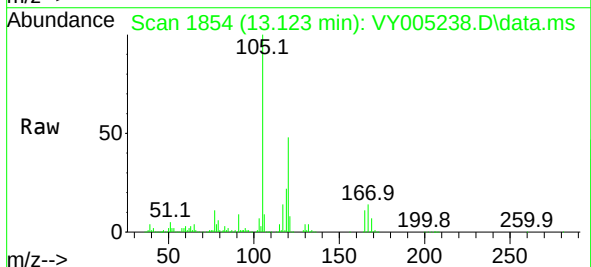
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

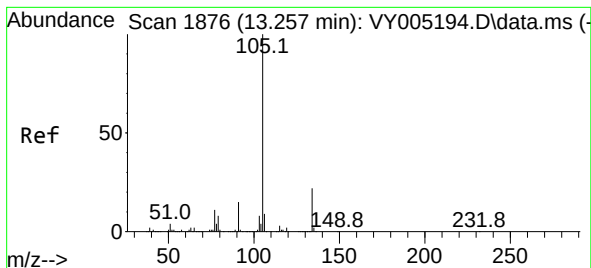
Tgt Ion:119 Resp: 522563  
Ion Ratio Lower Upper  
119 100  
91 60.5 29.5 88.5  
134 27.9 13.5 40.5



#84  
1,2,4-Trimethylbenzene  
Concen: 51.131 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion:105 Resp: 584127  
Ion Ratio Lower Upper  
105 100  
120 48.2 23.6 71.0

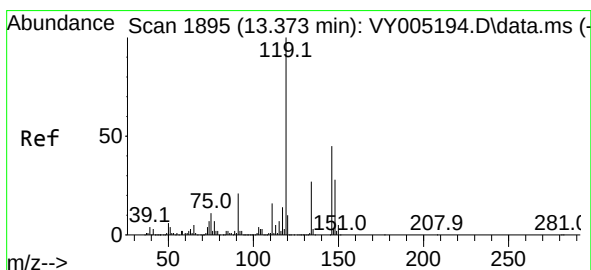
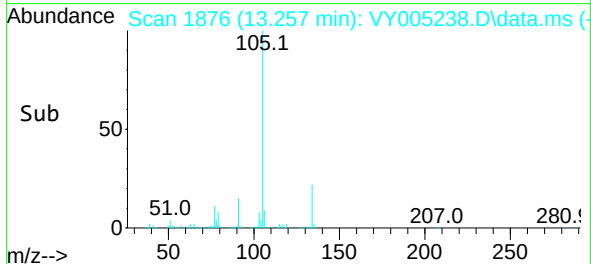
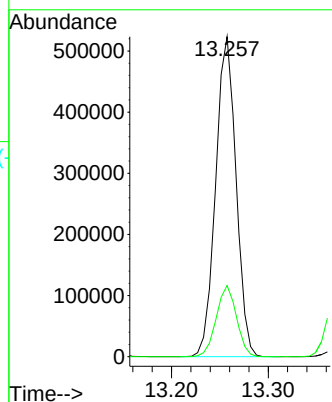
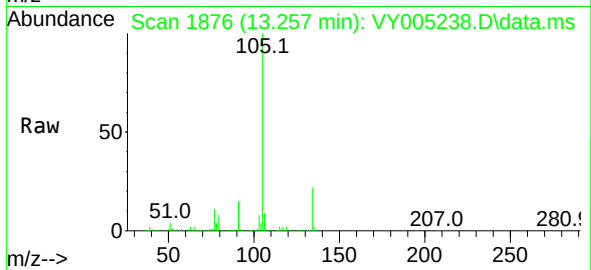




#85  
 sec-Butylbenzene  
 Concen: 51.073 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VY005238.D  
 Acq: 28 Jun 2021 10:26

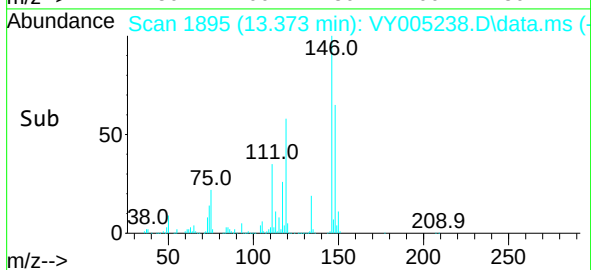
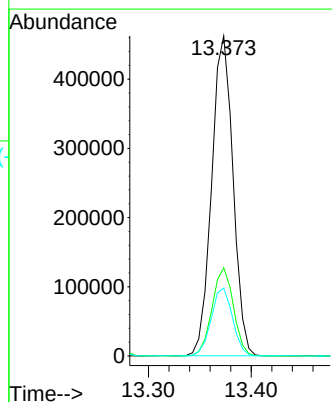
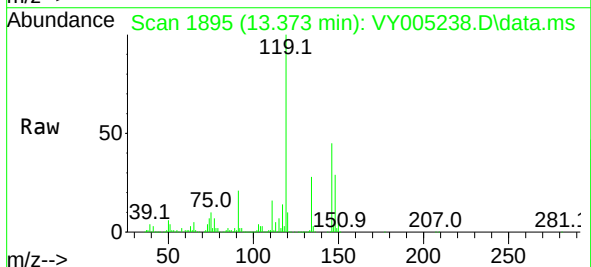
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

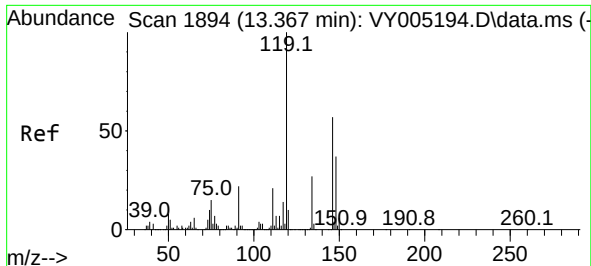
Tgt Ion:105 Resp: 765449  
 Ion Ratio Lower Upper  
 105 100  
 134 22.1 10.9 32.6



#86  
 p-Isopropyltoluene  
 Concen: 51.472 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY005238.D  
 Acq: 28 Jun 2021 10:26

Tgt Ion:119 Resp: 665602  
 Ion Ratio Lower Upper  
 119 100  
 134 27.5 13.9 41.6  
 91 21.2 10.8 32.3



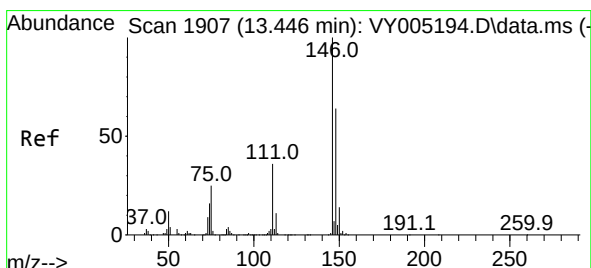
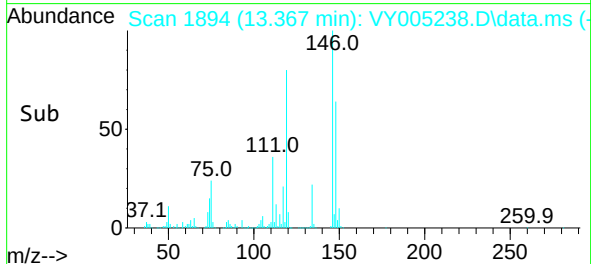
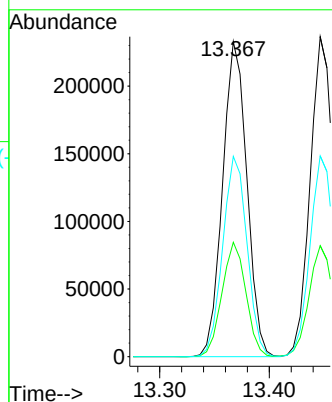
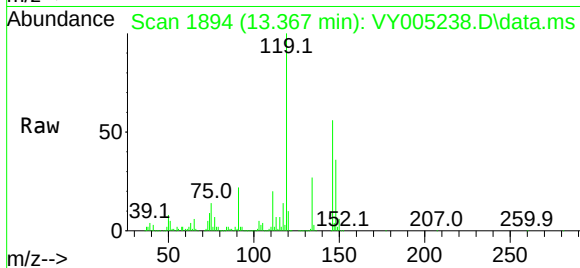


#87

1,3-Dichlorobenzene  
Concen: 50.646 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

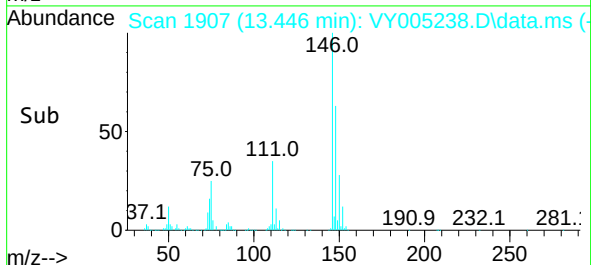
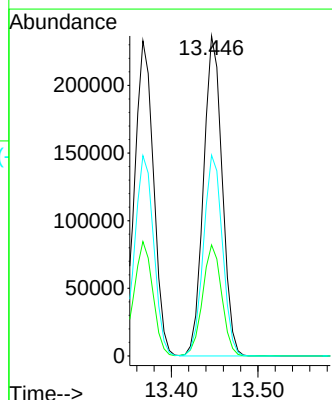
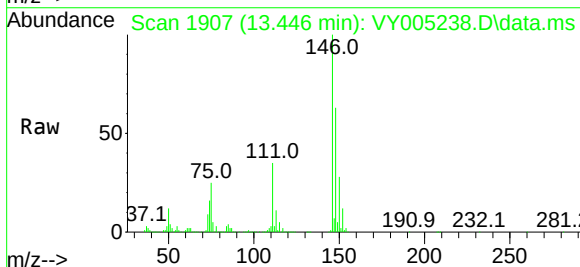
Tgt Ion:146 Resp: 358389  
Ion Ratio Lower Upper  
146 100  
111 35.8 18.3 54.8  
148 63.7 31.9 95.9



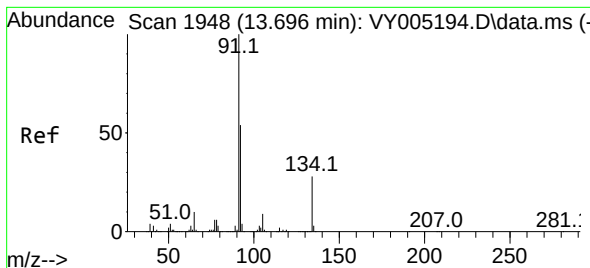
#88

1,4-Dichlorobenzene  
Concen: 50.599 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion:146 Resp: 354079  
Ion Ratio Lower Upper  
146 100  
111 35.4 17.8 53.3  
148 63.9 32.4 97.2



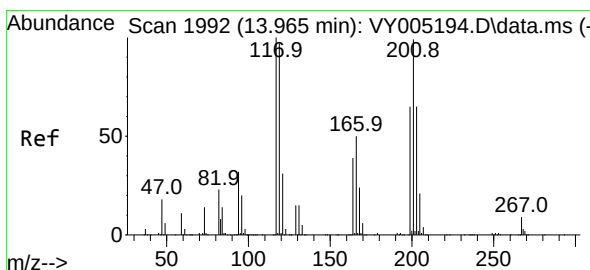
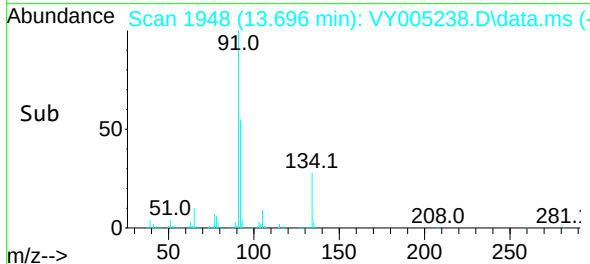
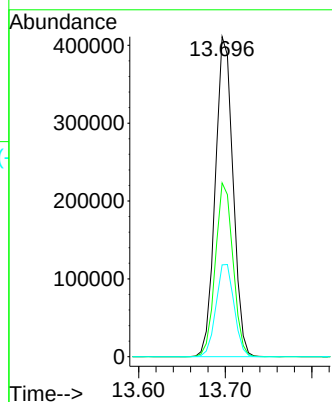
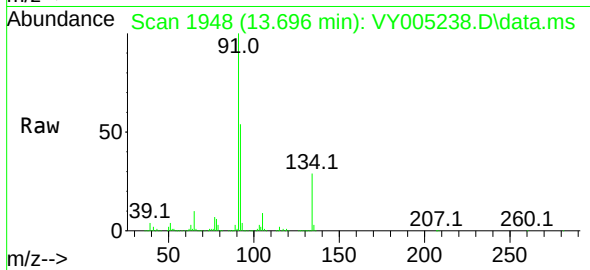




#89  
n-Butylbenzene  
Concen: 51.432 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

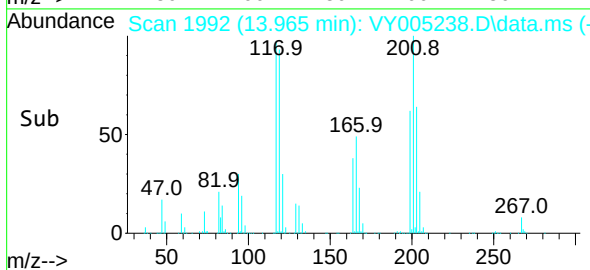
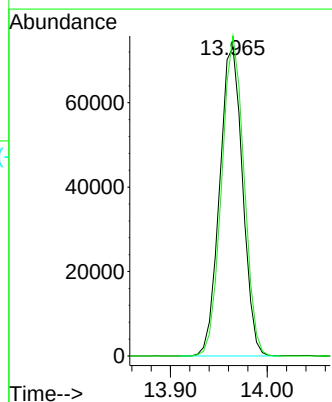
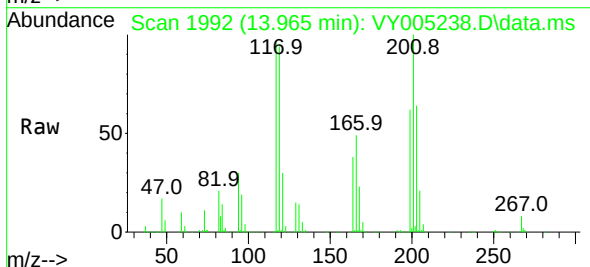
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MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

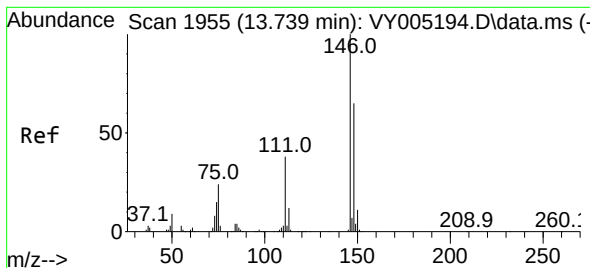
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 584245 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 53.9  | 27.0  | 81.0   |
| 134      | 29.5  | 14.6  | 44.0   |



#90  
Hexachloroethane  
Concen: 51.666 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 120690 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 201      | 100.3 | 49.4  | 148.2  |

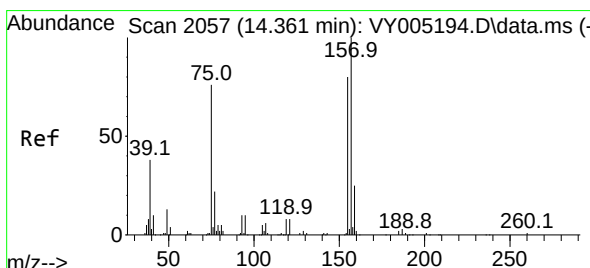
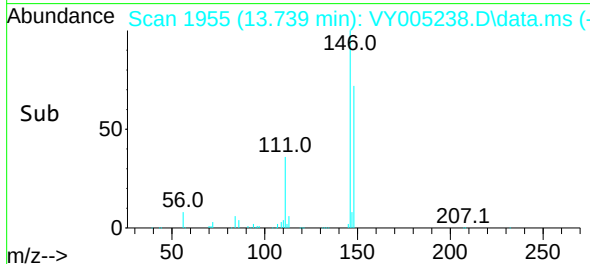
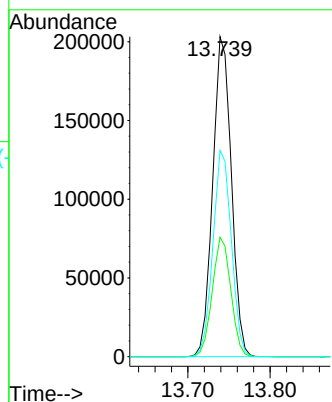
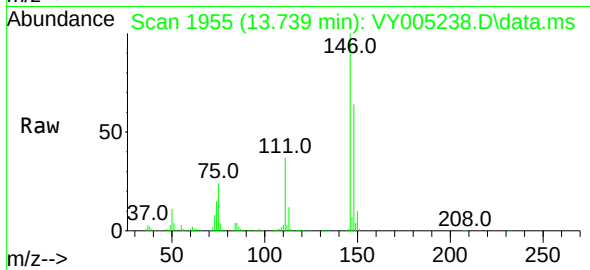




#91  
 1,2-Dichlorobenzene  
 Concen: 51.014 ug/l  
 RT: 13.739 min Scan# 1955  
 Delta R.T. -0.000 min  
 Lab File: VY005238.D  
 Acq: 28 Jun 2021 10:26

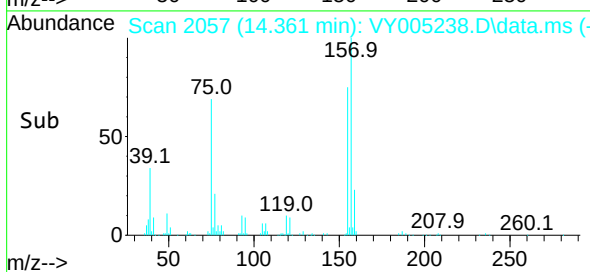
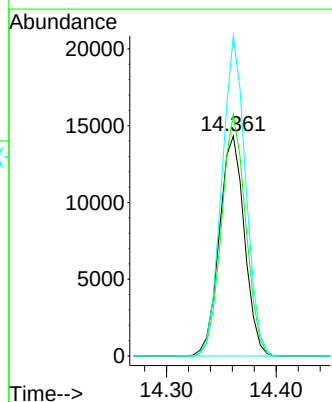
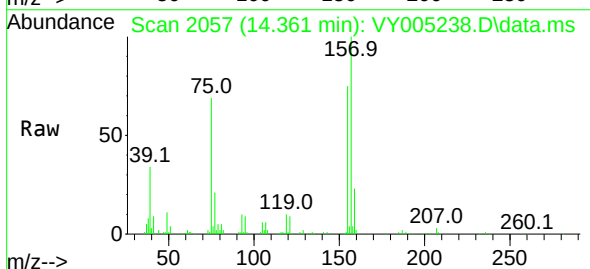
Instrument :  
 MSVOA\_Y  
 ClientSampleID :  
 VSTDCCC050

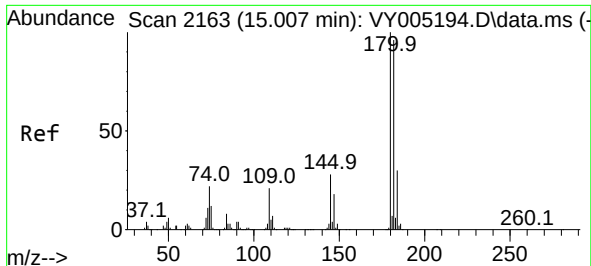
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 320022 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 37.1  | 18.9  | 56.5   |
| 148       | 63.9  | 32.2  | 96.6   |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.642 ug/l  
 RT: 14.361 min Scan# 2057  
 Delta R.T. 0.000 min  
 Lab File: VY005238.D  
 Acq: 28 Jun 2021 10:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 22759 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 105.9 | 52.4  | 157.3 |
| 157       | 138.4 | 67.3  | 201.8 |

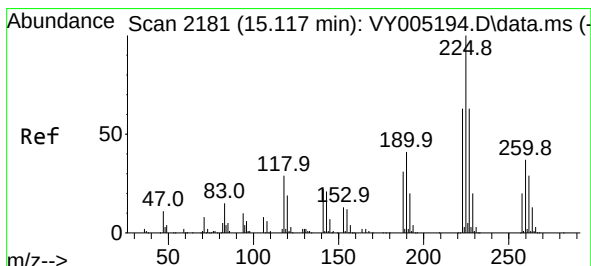
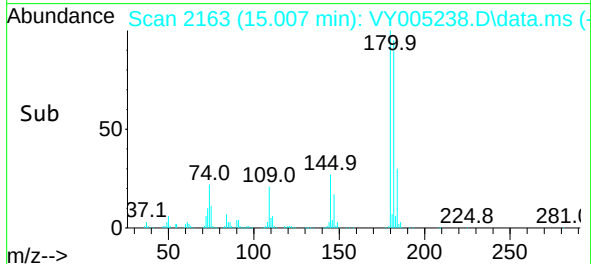
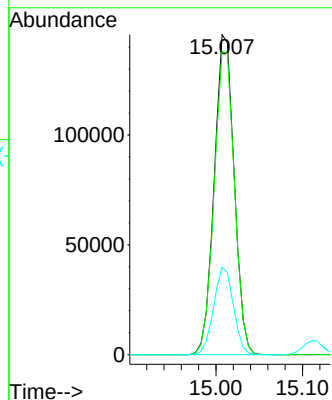
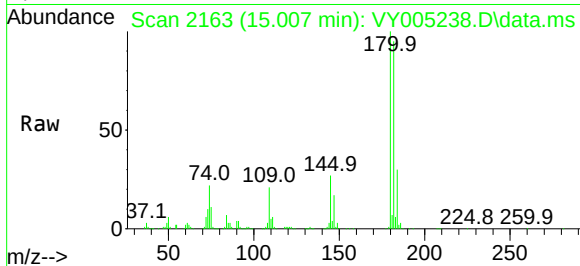




#93  
1,2,4-Trichlorobenzene  
Concen: 52.572 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

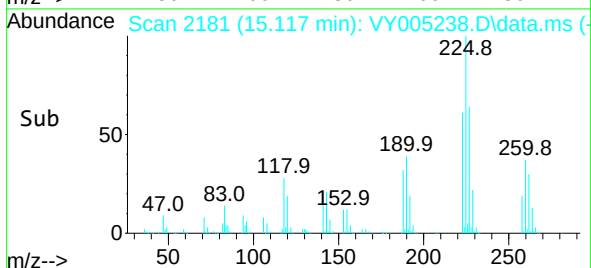
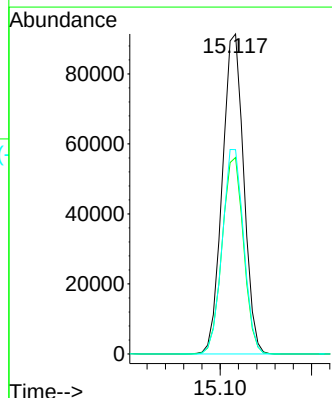
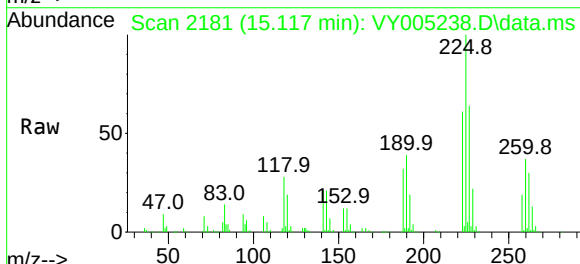
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

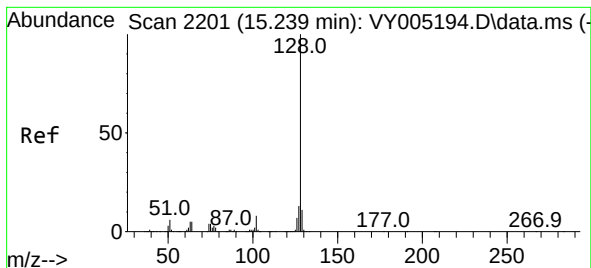
Tgt Ion:180 Resp: 232440  
Ion Ratio Lower Upper  
180 100  
182 96.5 48.1 144.4  
145 27.1 13.6 40.8



#94  
Hexachlorobutadiene  
Concen: 53.674 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion:225 Resp: 148523  
Ion Ratio Lower Upper  
225 100  
223 61.7 31.3 93.9  
227 64.2 31.6 95.0

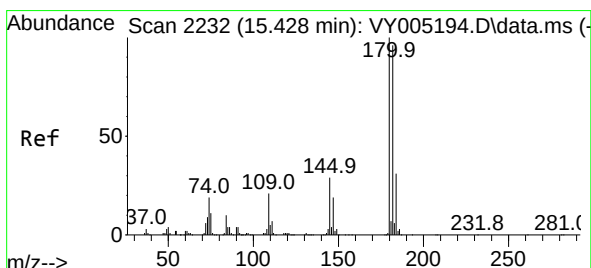
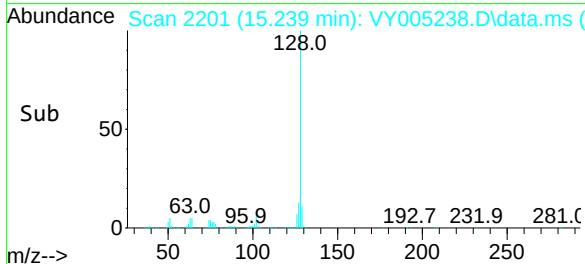
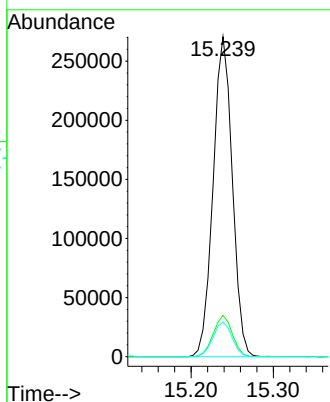
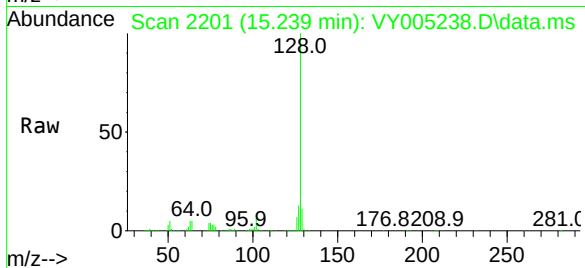




#95  
Naphthalene  
Concen: 53.700 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 438219  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.4  
129 10.9 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 53.537 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY005238.D  
Acq: 28 Jun 2021 10:26

Tgt Ion:180 Resp: 208470  
Ion Ratio Lower Upper  
180 100  
182 96.3 47.7 143.1  
145 28.7 14.1 42.4

