

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060421\  
 Data File : VY004957.D  
 Acq On : 04 Jun 2021 12:24  
 Operator : SY/MD  
 Sample : VY0604SBS01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0604SBS01

Quant Time: Jun 05 01:31:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 03 04:43:33 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.801  | 168  | 249874   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 416920   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 378186   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 172417   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 135163   | 51.167   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 102.340% |      |
| 35) Dibromofluoromethane    | 7.722  | 113   | 115278   | 51.393   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 102.780% |      |
| 50) Toluene-d8              | 10.185 | 98    | 474051   | 50.887   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 101.780% |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 158021   | 49.322   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 98.640%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 48009  | 21.158  | ug/l   | 97  |
| 3) Chloromethane             | 2.119 | 50  | 69408  | 22.402  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.253 | 62  | 66650  | 22.360  | ug/l   | 97  |
| 5) Bromomethane              | 2.650 | 94  | 37850  | 22.405  | ug/l   | 94  |
| 6) Chloroethane              | 2.796 | 64  | 39730  | 22.284  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 85937  | 20.384  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.534 | 74  | 32327  | 19.749  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 3.906 | 101 | 51769  | 20.133  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.095 | 142 | 51976  | 21.174  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 4.966 | 59  | 27962  | 92.044  | ug/l # | 74  |
| 12) 1,1-Dichloroethene       | 3.881 | 96  | 51007  | 19.863  | ug/l   | 100 |
| 13) Acrolein                 | 3.741 | 56  | 33028  | 102.692 | ug/l   | 100 |
| 14) Allyl chloride           | 4.485 | 41  | 97244  | 20.769  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.174 | 53  | 78837  | 102.421 | ug/l   | 99  |
| 16) Acetone                  | 3.954 | 43  | 63418  | 99.729  | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.204 | 76  | 159553 | 20.205  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.491 | 43  | 40725  | 19.985  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.235 | 73  | 134420 | 20.335  | ug/l   | 95  |
| 20) Methylene Chloride       | 4.723 | 84  | 71227  | 19.678  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 56947  | 19.756  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.131 | 45  | 184881 | 21.510  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.070 | 43  | 674410 | 107.846 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.027 | 63  | 107562 | 20.793  | ug/l   | 99  |
| 25) 2-Butanone               | 6.997 | 43  | 110279 | 103.133 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 6.990 | 77  | 88893  | 20.331  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 63004  | 19.945  | ug/l   | 96  |
| 28) Bromochloromethane       | 7.344 | 49  | 51068  | 22.098  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 7.362 | 42  | 70849  | 104.181 | ug/l   | 97  |
| 30) Chloroform               | 7.515 | 83  | 103437 | 21.087  | ug/l   | 95  |
| 31) Cyclohexane              | 7.789 | 56  | 95033  | 20.433  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.710 | 97  | 89828  | 20.876  | ug/l   | 100 |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 83993  | 20.585  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.082 | 43  | 54242  | 20.209  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 71516  | 20.140  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.185 | 83  | 89744  | 19.912  | ug/l   | 99  |
| 40) Benzene                  | 8.167 | 78  | 243906 | 20.892  | ug/l   | 98  |

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 Sample : VY0604SBS01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0604SBS01

Quant Time: Jun 05 01:31:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 03 04:43:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.314  | 41   | 27225    | 18.451  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 71060    | 21.083  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 97267    | 20.186  | ug/l   | 100      |
| 44) Trichloroethene           | 8.947  | 130  | 63098    | 20.650  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 63690    | 20.844  | ug/l   | 100      |
| 46) Dibromomethane            | 9.313  | 93   | 33221    | 20.358  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.502  | 83   | 80425    | 20.992  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.295  | 41   | 44396    | 20.250  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.313  | 88   | 7161     | 363.470 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 259028   | 102.543 | ug/l   | 98       |
| 52) Toluene                   | 10.246 | 92   | 149015   | 21.094  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.472 | 75   | 86982    | 20.512  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 99993    | 20.755  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 46678    | 20.579  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 65180    | 20.072  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 83904    | 20.788  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 170721   | 104.034 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.837 | 43   | 176841   | 103.574 | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.990 | 129  | 52743    | 20.444  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 44654    | 20.527  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 64078    | 20.263  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.520 | 112  | 153594   | 20.498  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 53499    | 20.028  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 283067   | 20.442  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 209560   | 40.391  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 99130    | 20.517  | ug/l   | 98       |
| 70) Styrene                   | 12.044 | 104  | 164324   | 20.413  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 31051    | 19.715  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 263148   | 20.204  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 86288    | 20.534  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 52728    | 20.167  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 71585    | 37.875  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 59610    | 20.484  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.672 | 91   | 323130   | 20.583  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 178083   | 20.348  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 218656   | 20.350  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 19833    | 19.285  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 183452   | 20.513  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.075 | 119  | 182339   | 20.062  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 219230   | 20.531  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.251 | 105  | 270382   | 20.434  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 230631   | 20.319  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 114004   | 20.579  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 111097   | 20.108  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.697 | 91   | 223670   | 20.488  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 33679    | 19.991  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 101911   | 20.821  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 8101     | 18.713  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 61023    | 19.852  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 32947    | 20.316  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 134850   | 19.955  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 53581    | 19.800  | ug/l   | 99       |

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Operator : SY/MD  
Sample : VY0604SBSD01  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

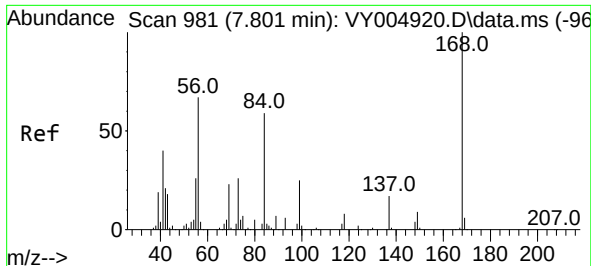
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

Quant Time: Jun 05 01:31:46 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060221S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 03 04:43:33 2021  
Response via : Initial Calibration

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

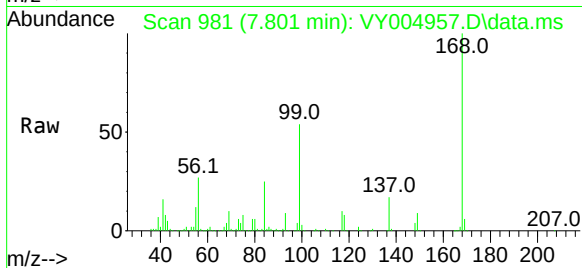
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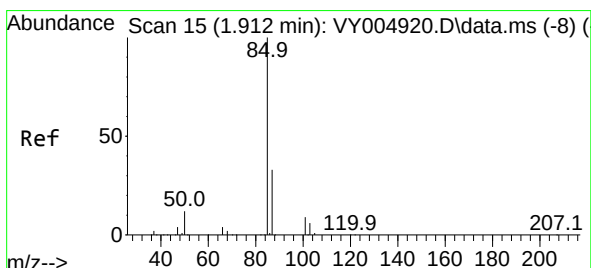
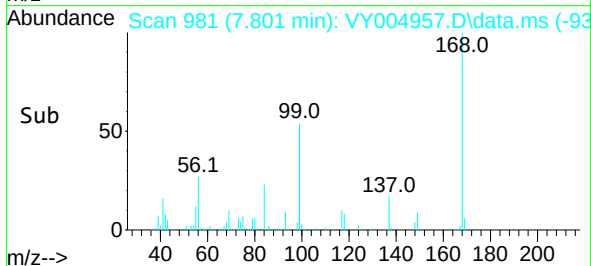
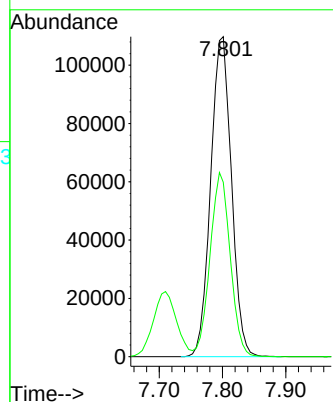


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

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ClientSampleId :  
VY0604SBSD01

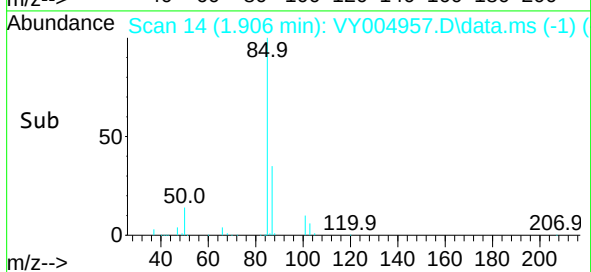
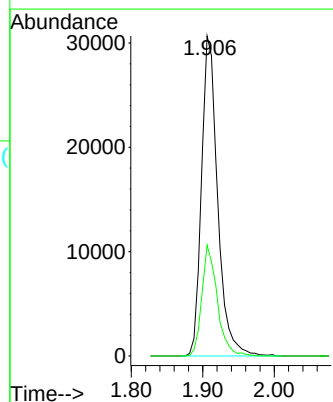
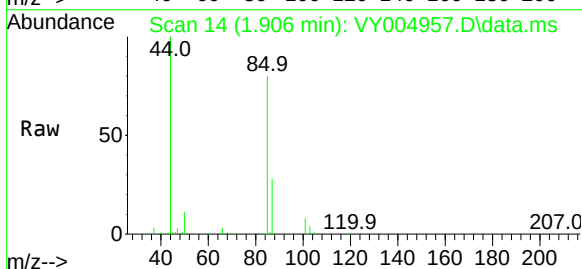


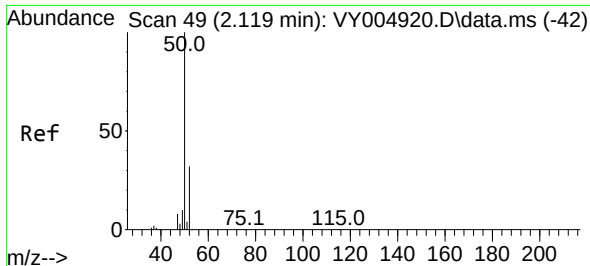
Tgt Ion:168 Resp: 249874  
Ion Ratio Lower Upper  
168 100  
99 54.5 43.9 65.9



#2  
Dichlorodifluoromethane  
Concen: 21.158 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 85 Resp: 48009  
Ion Ratio Lower Upper  
85 100  
87 34.6 16.5 49.5

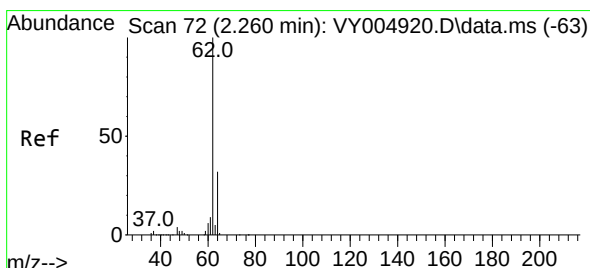
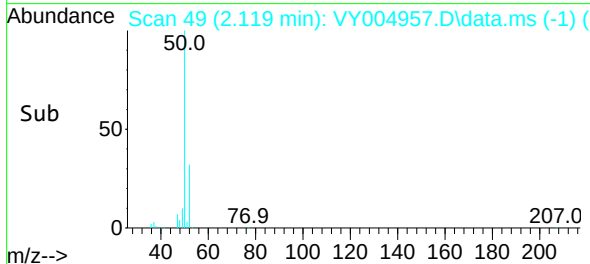
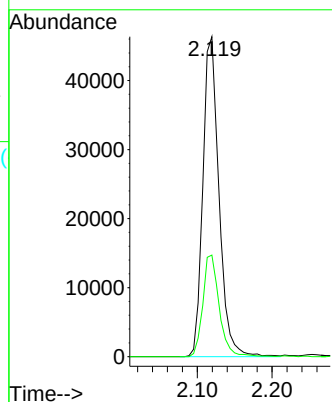
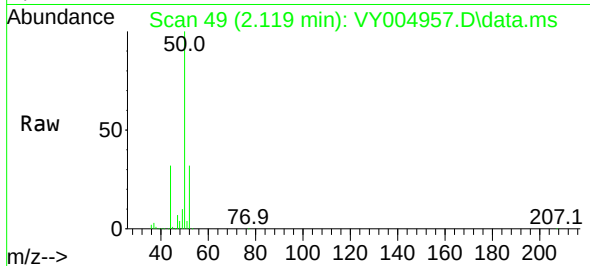




#3  
Chloromethane  
Concen: 22.402 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

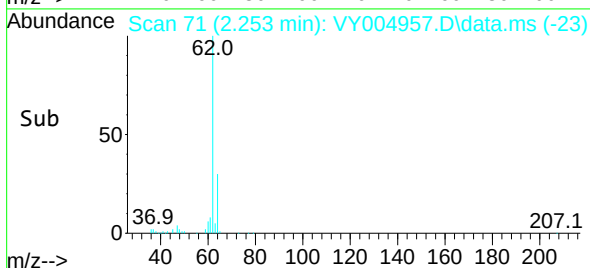
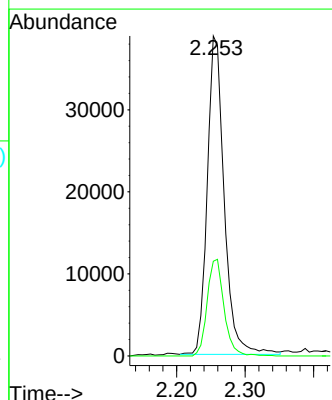
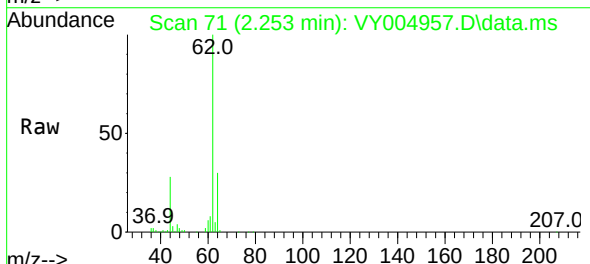
Instrument :  
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ClientSampleId :  
VY0604SBSD01

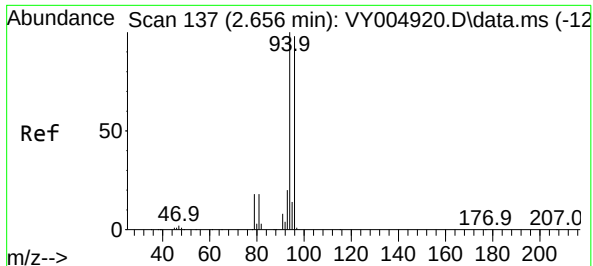
Tgt Ion: 50 Resp: 69408  
Ion Ratio Lower Upper  
50 100  
52 31.7 25.9 38.9



#4  
Vinyl Chloride  
Concen: 22.360 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

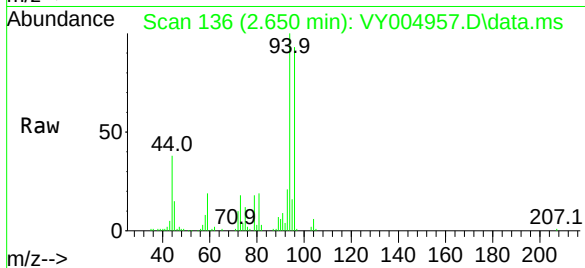
Tgt Ion: 62 Resp: 66650  
Ion Ratio Lower Upper  
62 100  
64 29.8 25.4 38.0



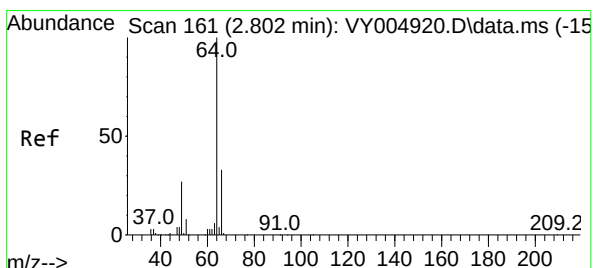
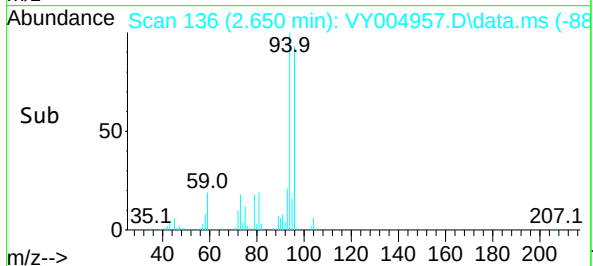
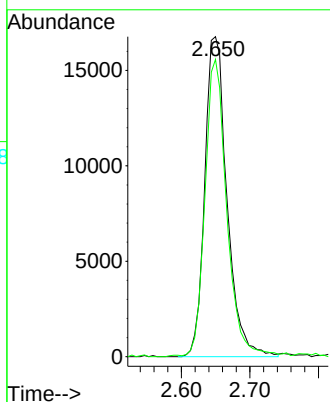


#5  
Bromomethane  
Concen: 22.405 ug/l  
RT: 2.650 min Scan# 136  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

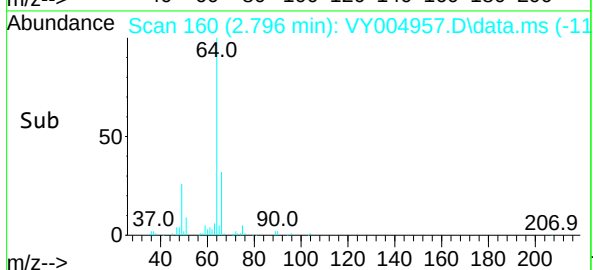
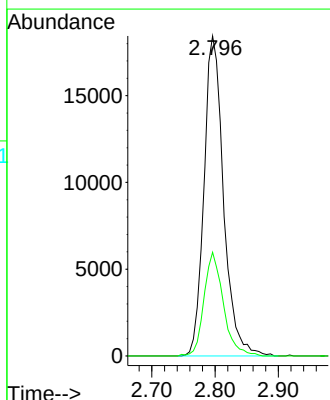
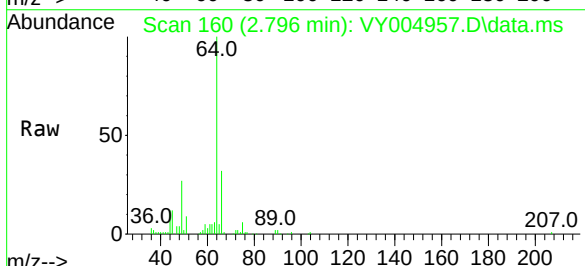


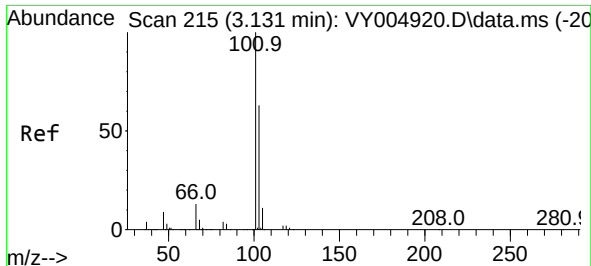
Tgt Ion: 94 Resp: 37850  
Ion Ratio Lower Upper  
94 100  
96 92.4 78.4 117.6



#6  
Chloroethane  
Concen: 22.284 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 64 Resp: 39730  
Ion Ratio Lower Upper  
64 100  
66 32.4 26.2 39.4

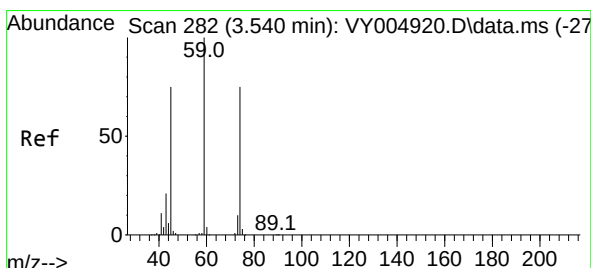
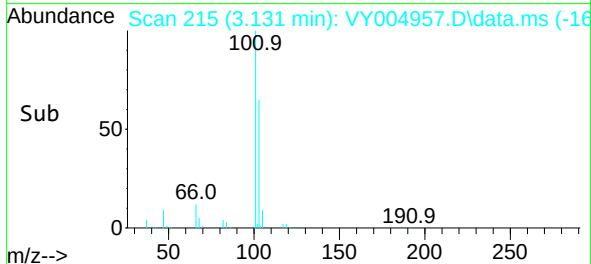
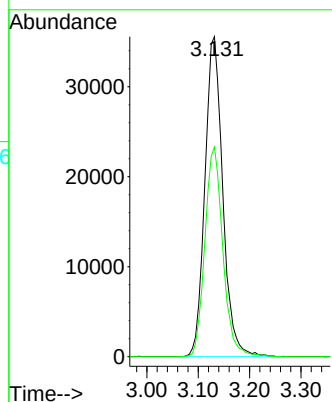
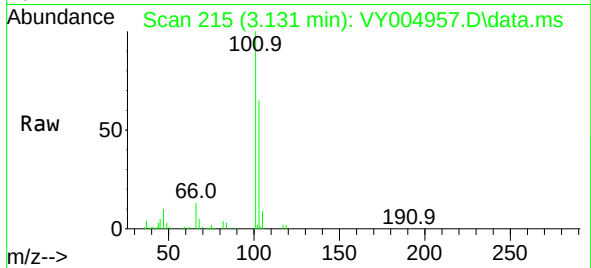




#7  
Trichlorofluoromethane  
Concen: 20.384 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

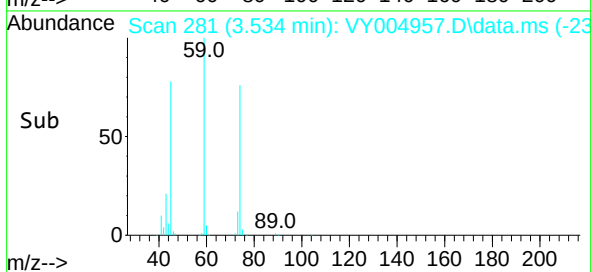
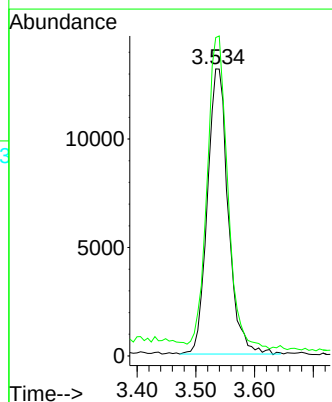
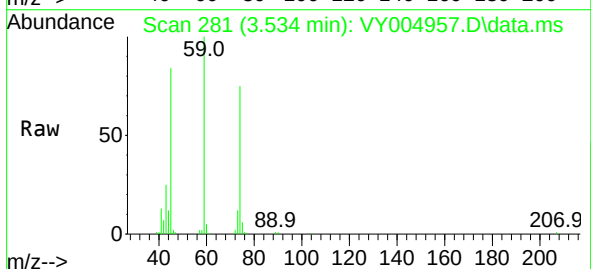
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

Tgt Ion:101 Resp: 85937  
Ion Ratio Lower Upper  
101 100  
103 65.5 50.3 75.5

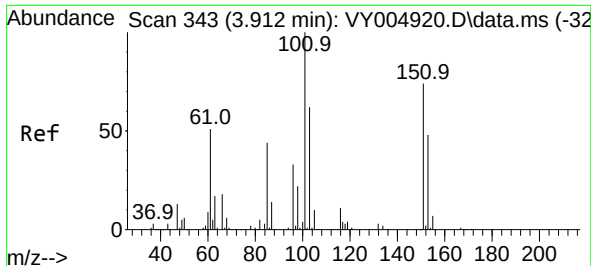


#8  
Diethyl Ether  
Concen: 19.749 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 74 Resp: 32327  
Ion Ratio Lower Upper  
74 100  
45 108.9 51.9 155.7



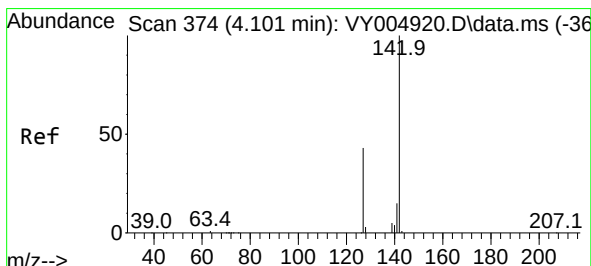
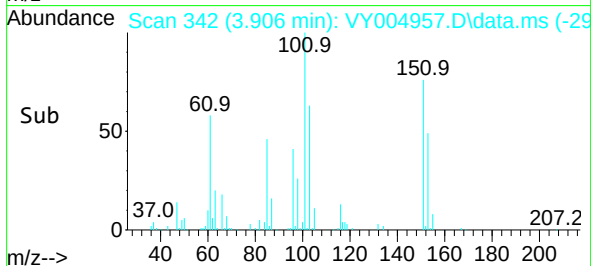
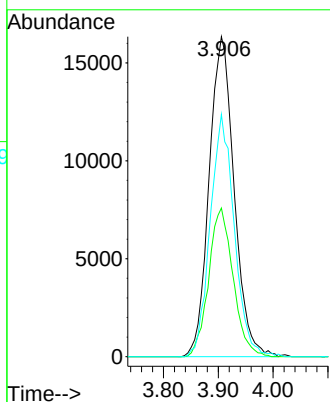
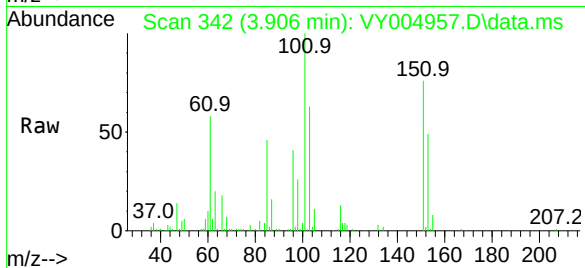




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.133 ug/l  
RT: 3.906 min Scan# 342  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

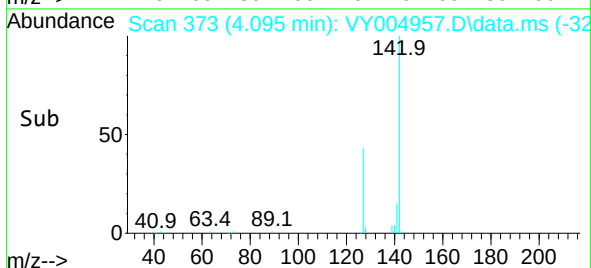
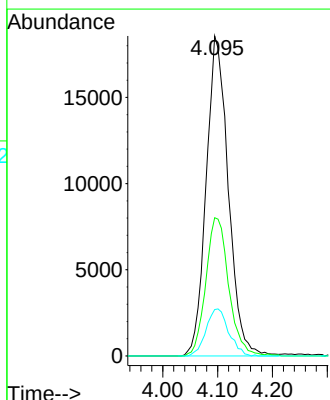
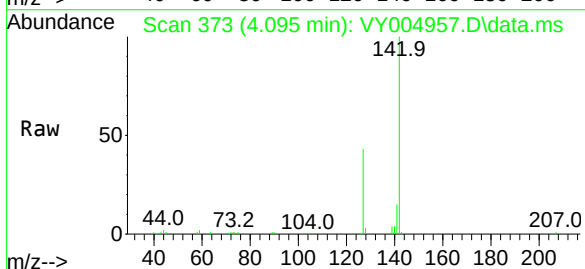
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

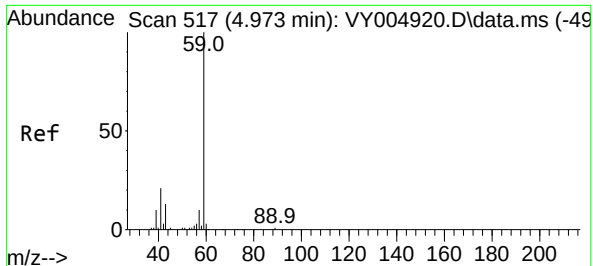
Tgt Ion:101 Resp: 51769  
Ion Ratio Lower Upper  
101 100  
85 45.4 35.8 53.8  
151 73.0 60.1 90.1



#10  
Methyl Iodide  
Concen: 21.174 ug/l  
RT: 4.095 min Scan# 373  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion:142 Resp: 51976  
Ion Ratio Lower Upper  
142 100  
127 44.8 34.4 51.6  
141 15.1 11.5 17.3

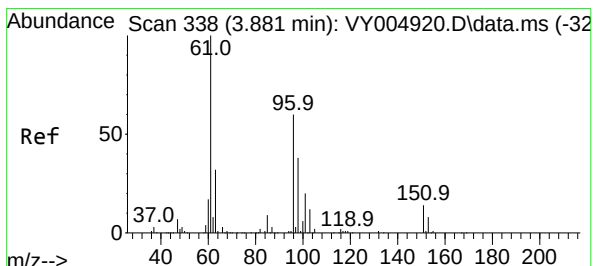
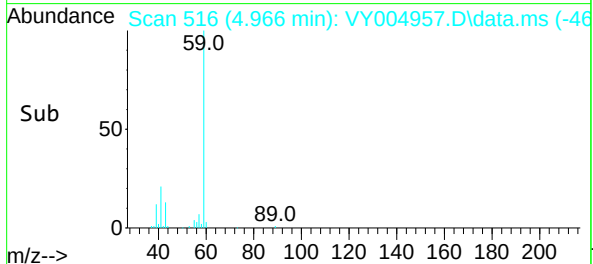
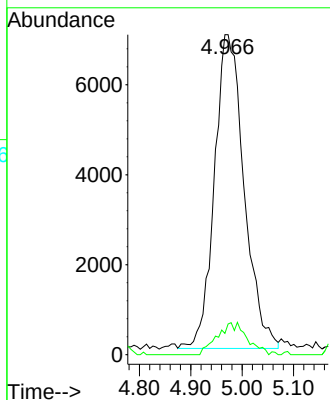
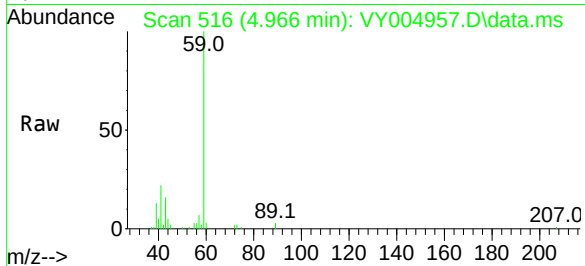




#11  
Tert butyl alcohol  
Concen: 92.044 ug/l  
RT: 4.966 min Scan# 516  
Delta R.T. -0.007 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

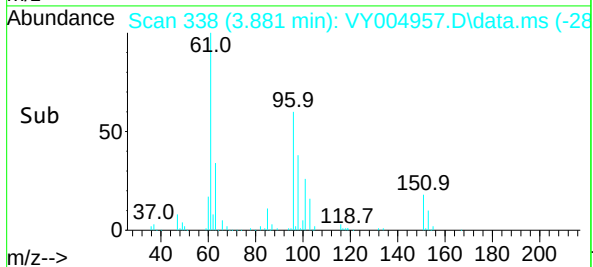
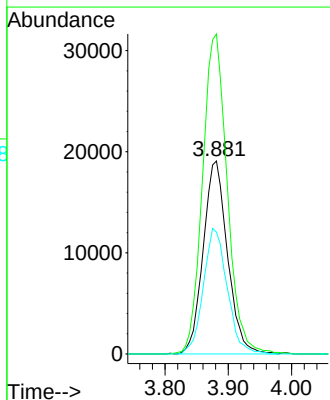
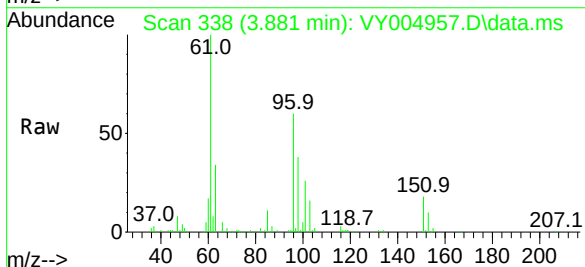
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

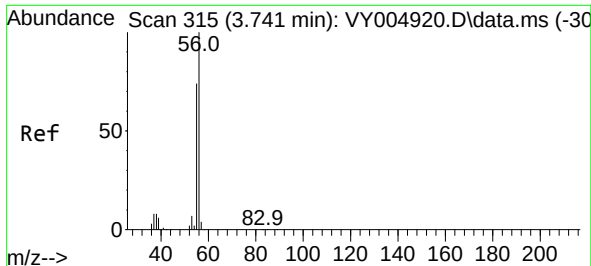
Tgt Ion: 59 Resp: 27962  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.7 11.5#



#12  
1,1-Dichloroethene  
Concen: 19.863 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 96 Resp: 51007  
Ion Ratio Lower Upper  
96 100  
61 165.0 132.2 198.4  
98 63.2 49.8 74.6

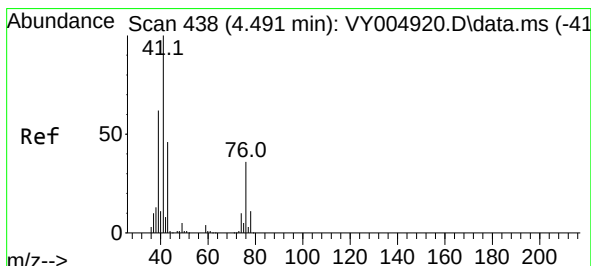
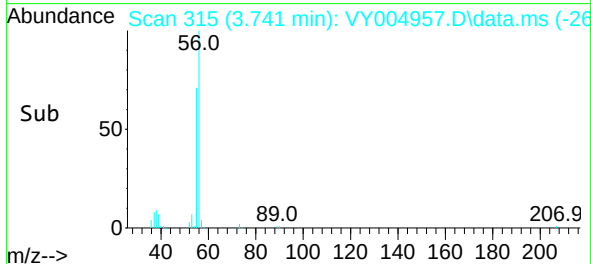
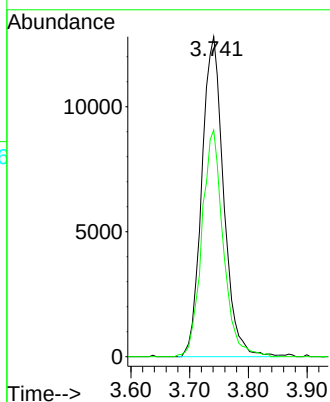
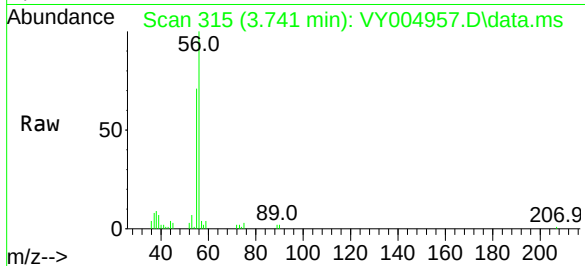




#13  
Acrolein  
Concen: 102.692 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. 0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

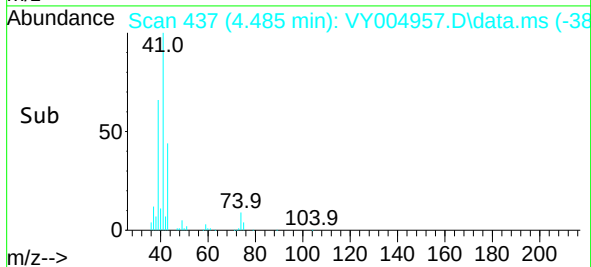
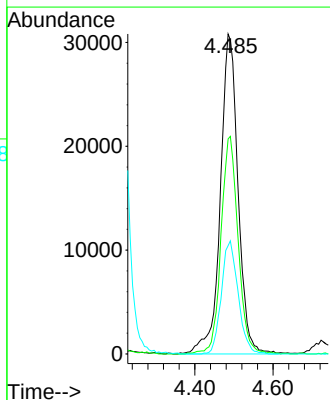
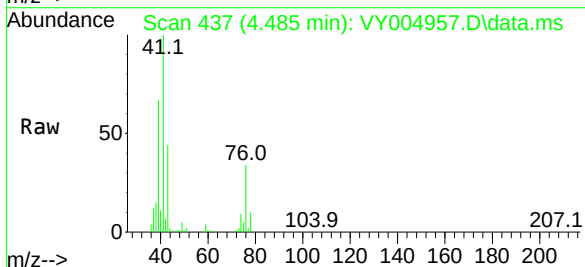
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

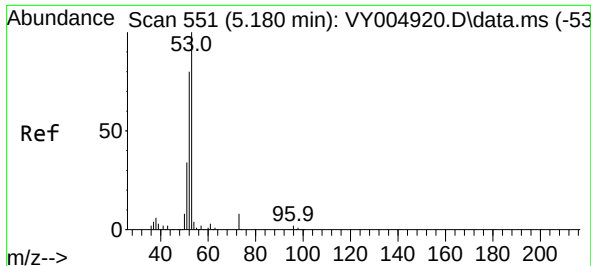
Tgt Ion: 56 Resp: 33028  
Ion Ratio Lower Upper  
56 100  
55 69.5 55.4 83.2



#14  
Allyl chloride  
Concen: 20.769 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 41 Resp: 97244  
Ion Ratio Lower Upper  
41 100  
39 65.4 50.6 75.8  
76 33.3 27.6 41.4

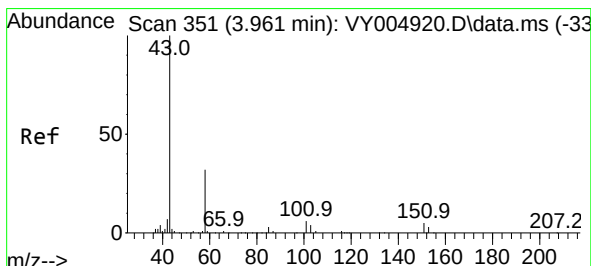
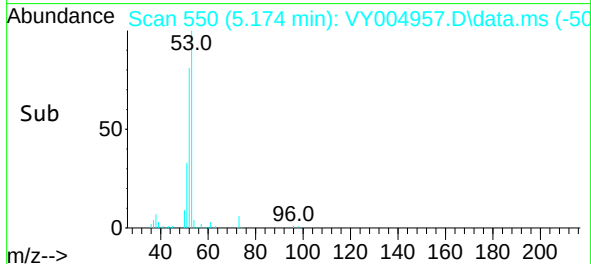
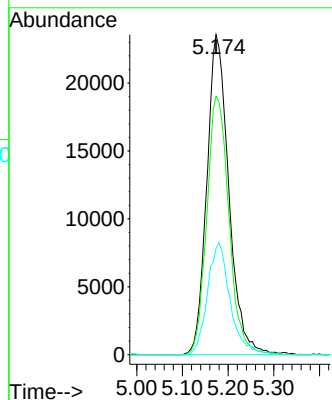
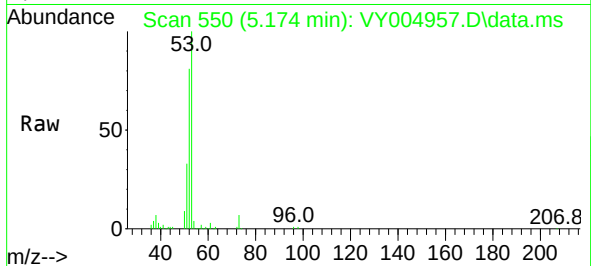




#15  
Acrylonitrile  
Concen: 102.421 ug/l  
RT: 5.174 min Scan# 550  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

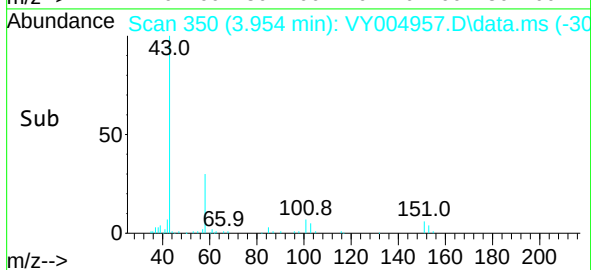
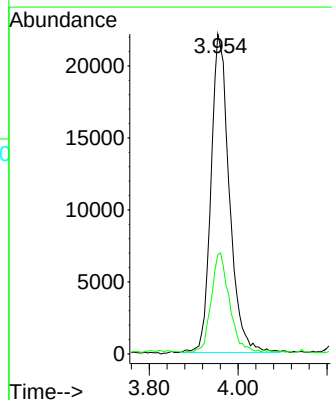
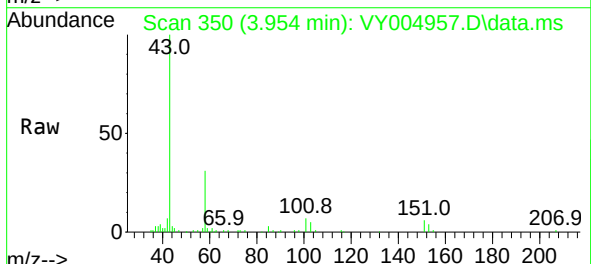
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

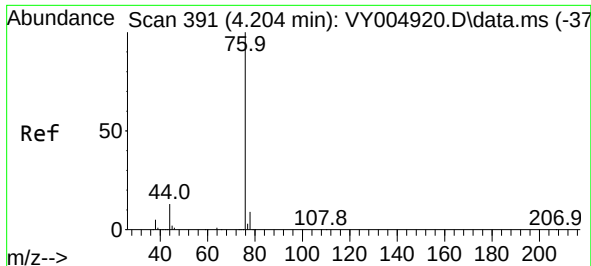
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 78837 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.3  | 64.5  | 96.7  |
| 51       | 35.9  | 28.6  | 42.8  |



#16  
Acetone  
Concen: 99.729 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 63418 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 30.5  | 25.3  | 37.9  |

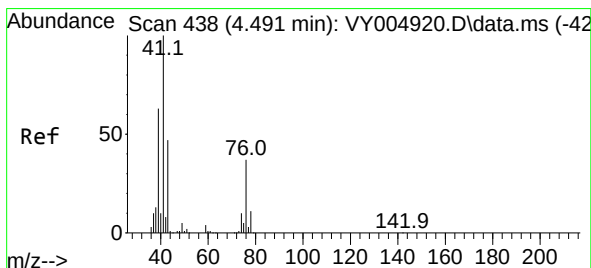
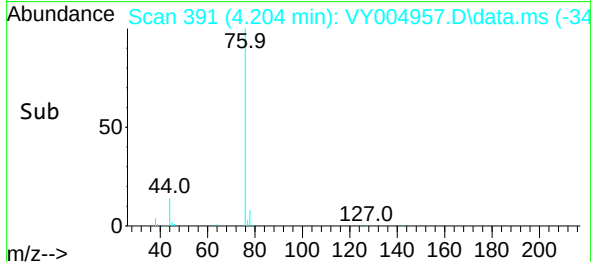
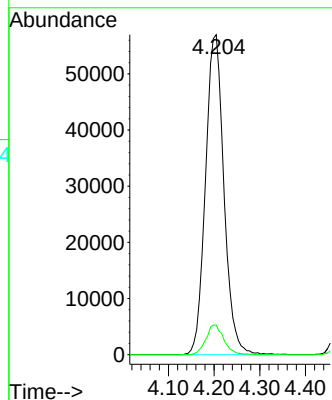
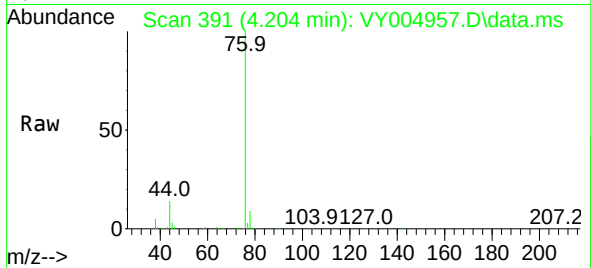




#17  
Carbon Disulfide  
Concen: 20.205 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

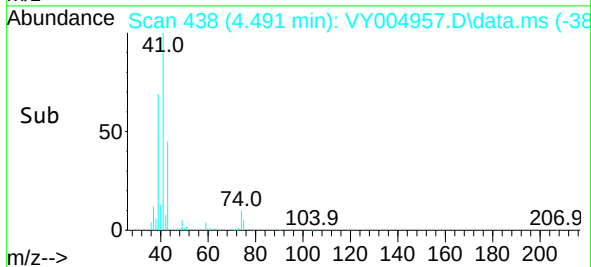
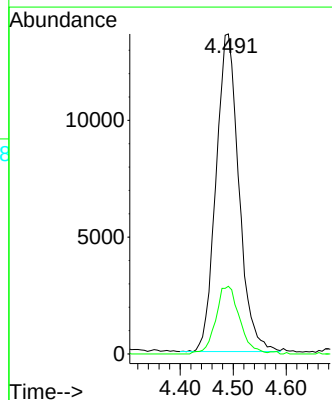
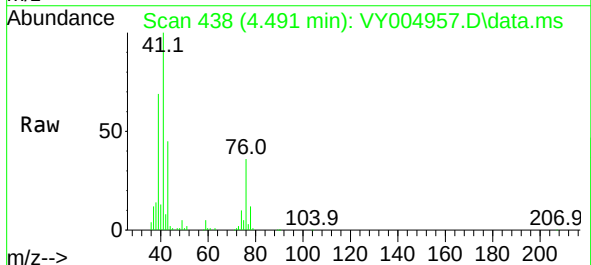
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

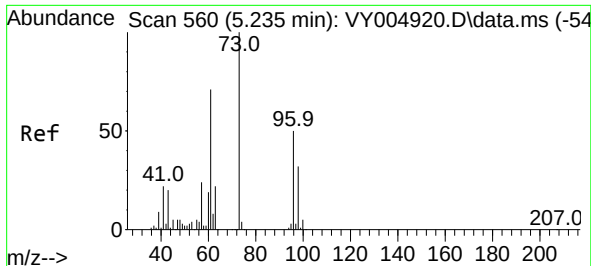
Tgt Ion: 76 Resp: 159553  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.6 11.4



#18  
Methyl Acetate  
Concen: 19.985 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 43 Resp: 40725  
Ion Ratio Lower Upper  
43 100  
74 22.2 18.0 27.0

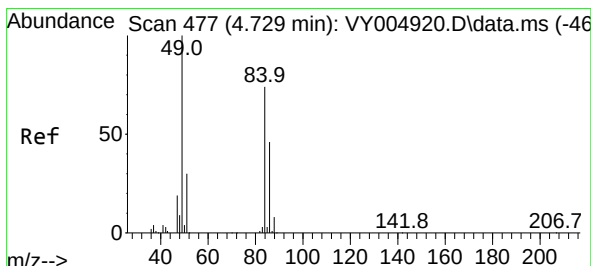
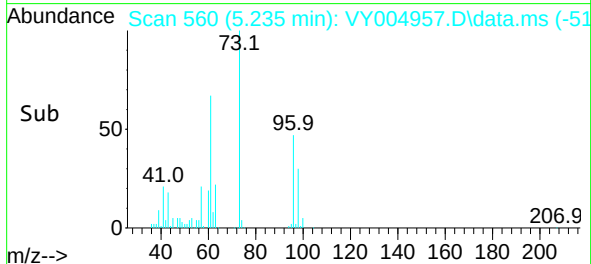
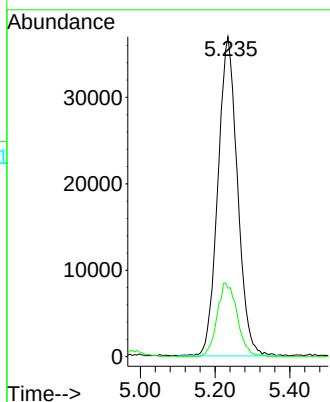
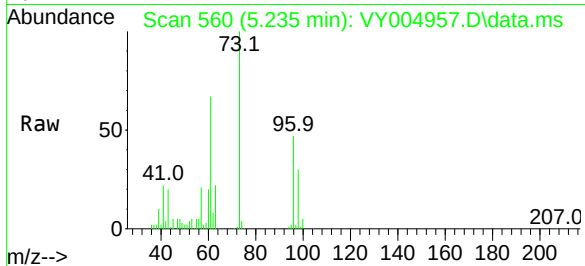




#19  
Methyl tert-butyl Ether  
Concen: 20.335 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

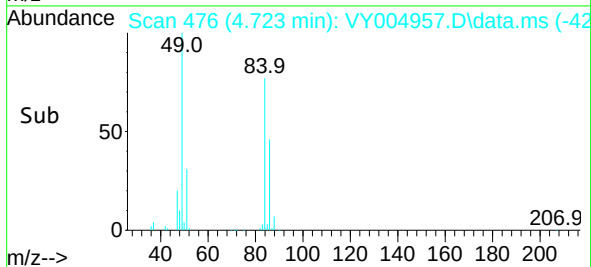
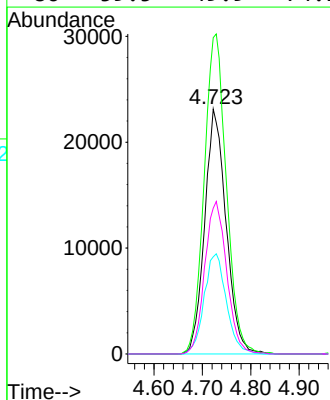
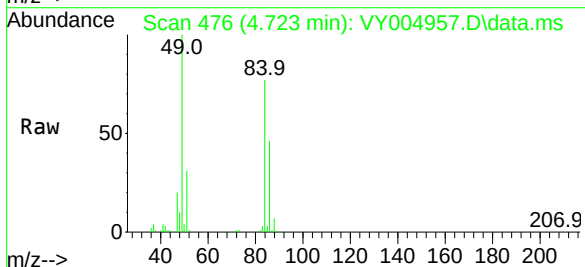
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

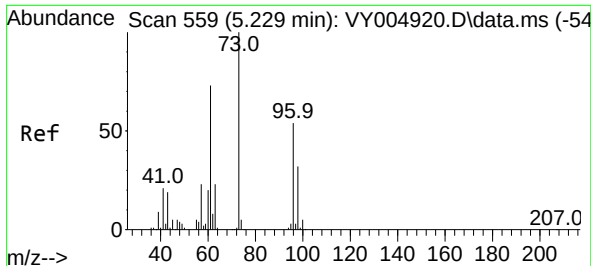
Tgt Ion: 73 Resp: 134420  
Ion Ratio Lower Upper  
73 100  
57 21.5 19.3 28.9



#20  
Methylene Chloride  
Concen: 19.678 ug/l  
RT: 4.723 min Scan# 476  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

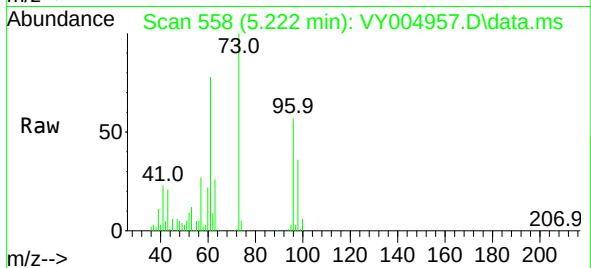
Tgt Ion: 84 Resp: 71227  
Ion Ratio Lower Upper  
84 100  
49 129.1 108.0 162.0  
51 39.7 32.6 48.8  
86 59.5 49.9 74.9





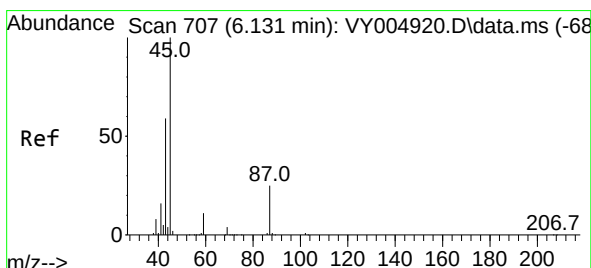
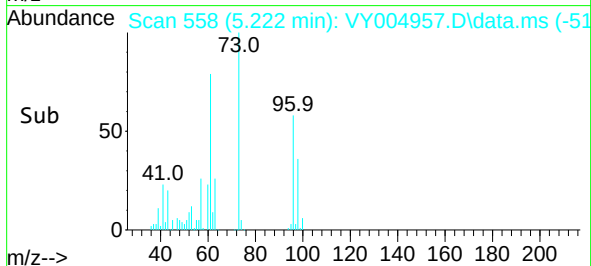
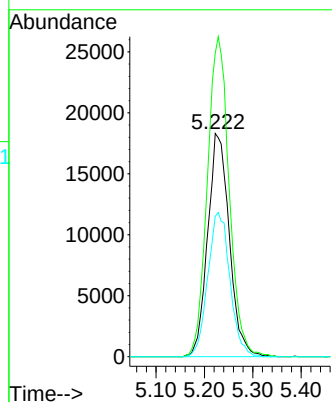
#21  
trans-1,2-Dichloroethene  
Concen: 19.756 ug/l  
RT: 5.222 min Scan# 558  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01



Tgt Ion: 96 Resp: 56947

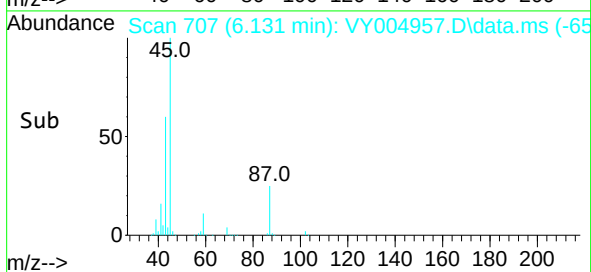
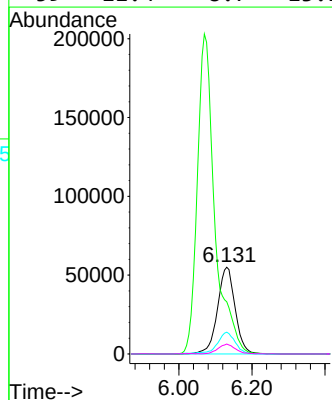
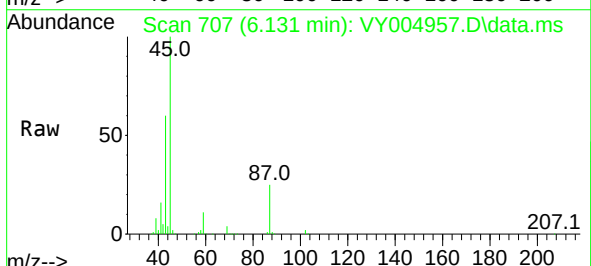
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 136.0 | 109.4 | 164.0 |
| 98  | 62.9  | 48.2  | 72.2  |

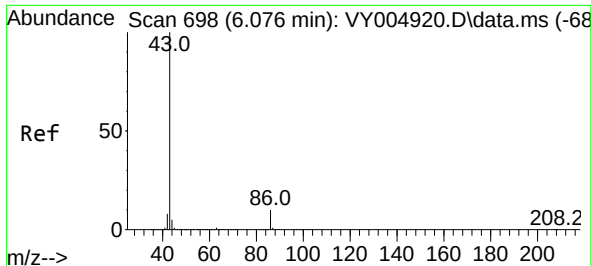


#22  
Diisopropyl ether  
Concen: 21.510 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 45 Resp: 184881

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 59.9  | 47.8  | 71.6  |
| 87  | 25.1  | 20.5  | 30.7  |
| 59  | 11.4  | 8.7   | 13.1  |

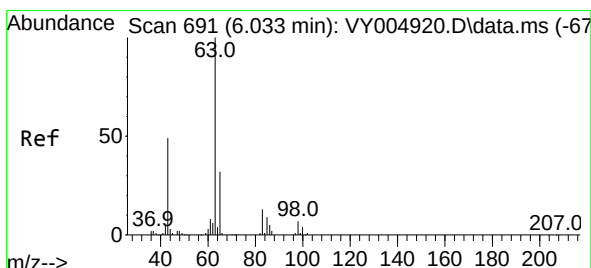
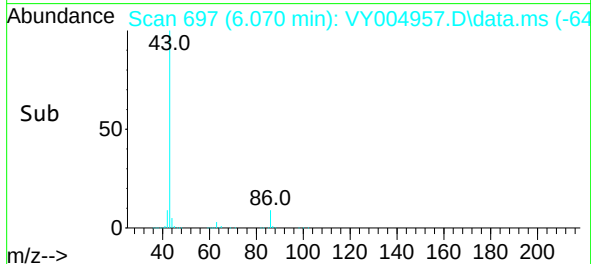
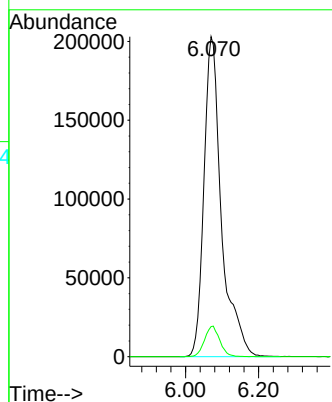
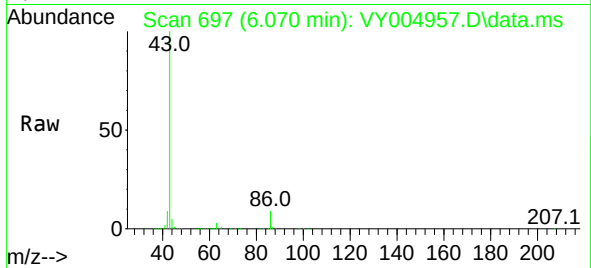




#23  
 Vinyl Acetate  
 Concen: 107.846 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. -0.006 min  
 Lab File: VY004957.D  
 Acq: 04 Jun 2021 12:24

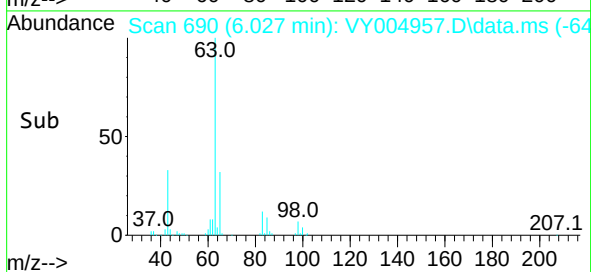
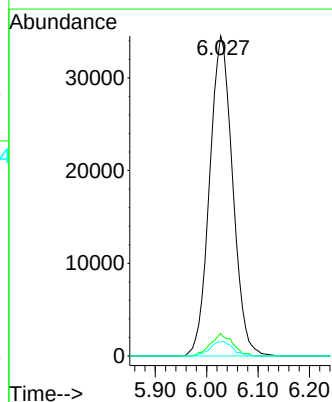
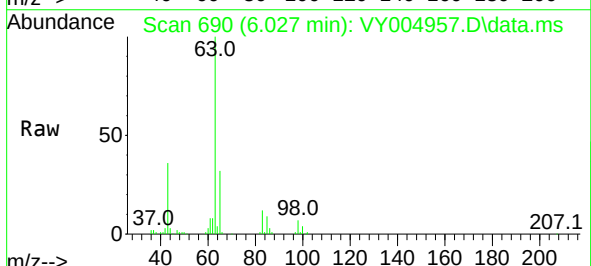
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0604SBSD01

Tgt Ion: 43 Resp: 674410  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 8.0 12.0

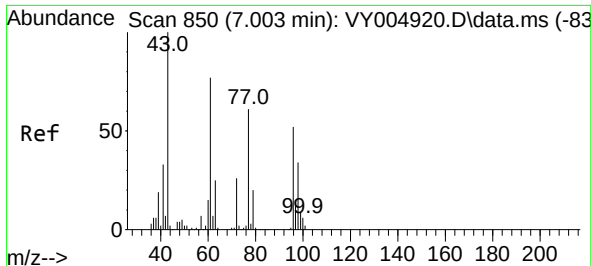


#24  
 1,1-Dichloroethane  
 Concen: 20.793 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. -0.006 min  
 Lab File: VY004957.D  
 Acq: 04 Jun 2021 12:24

Tgt Ion: 63 Resp: 107562  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.3 9.9  
 100 4.4 2.1 6.3



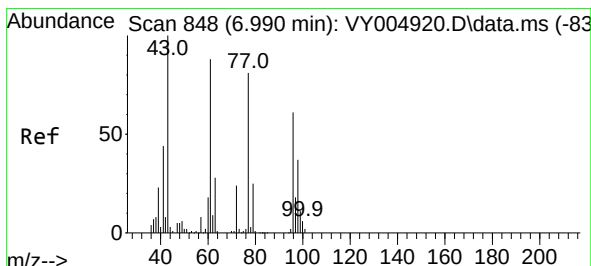
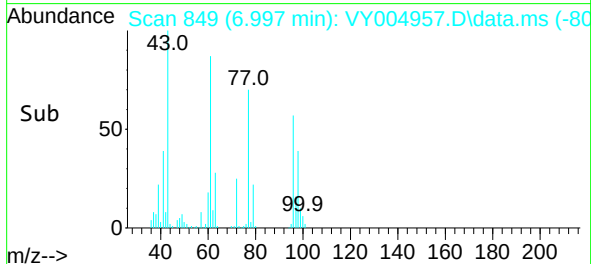
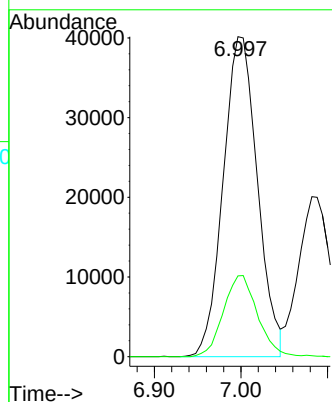
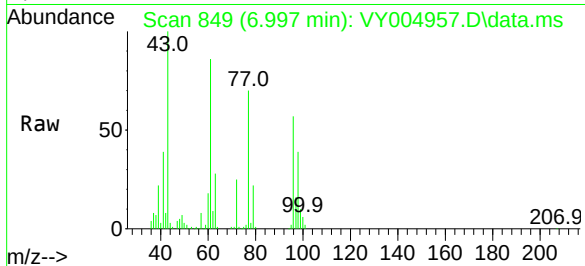




#25  
2-Butanone  
Concen: 103.133 ug/l  
RT: 6.997 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

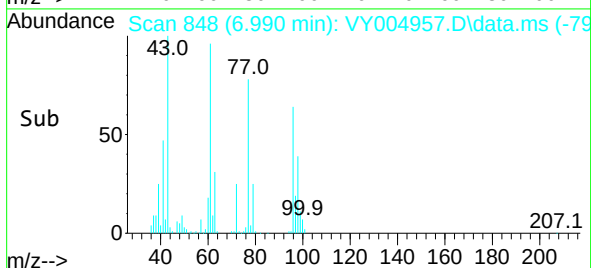
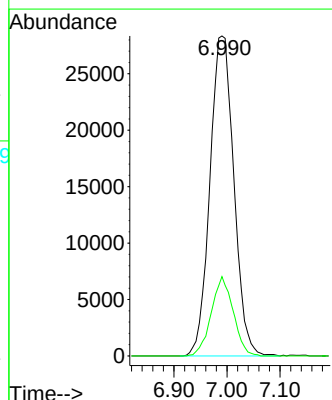
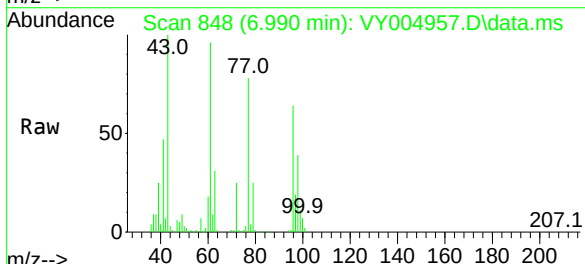
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

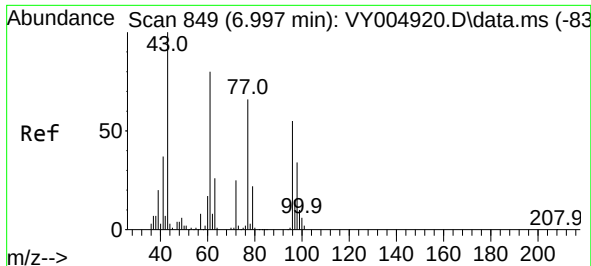
Tgt Ion: 43 Resp: 110279  
Ion Ratio Lower Upper  
43 100  
72 25.2 20.6 31.0



#26  
2,2-Dichloropropane  
Concen: 20.331 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 77 Resp: 88893  
Ion Ratio Lower Upper  
77 100  
97 22.7 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 19.945 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY004957.D

Acq: 04 Jun 2021 12:24

Instrument :

MSVOA\_Y

ClientSampleId :

VY0604SBSD01

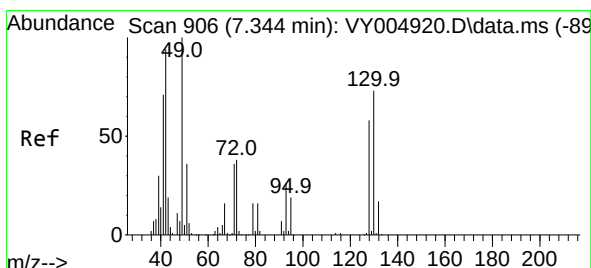
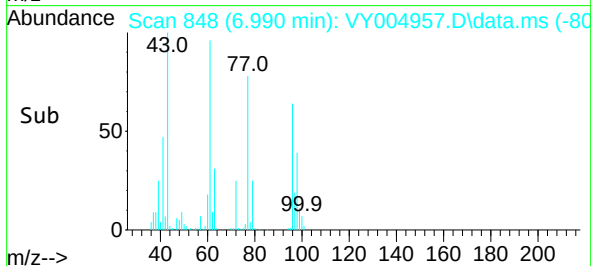
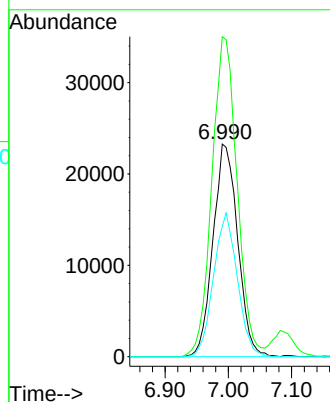
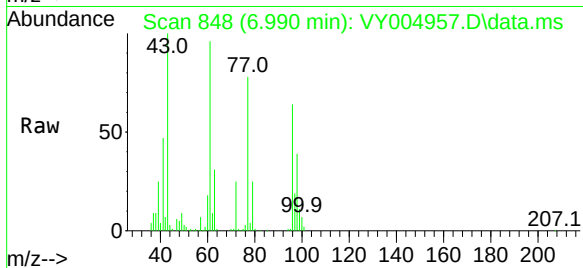
Tgt Ion: 96 Resp: 63004

Ion Ratio Lower Upper

96 100

61 153.8 0.0 293.8

98 65.3 0.0 128.6



#28

Bromochloromethane

Concen: 22.098 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY004957.D

Acq: 04 Jun 2021 12:24

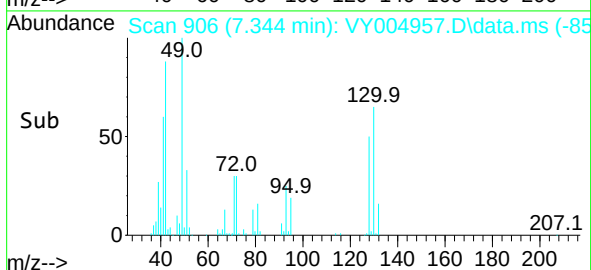
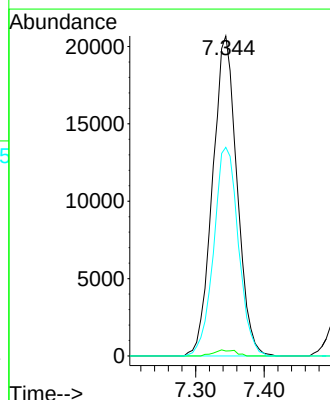
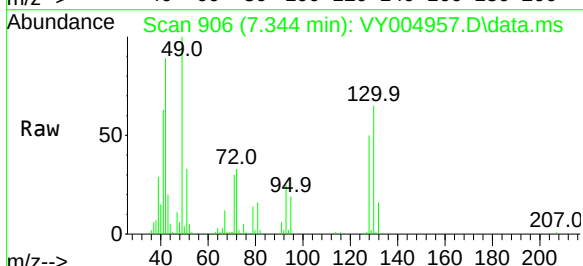
Tgt Ion: 49 Resp: 51068

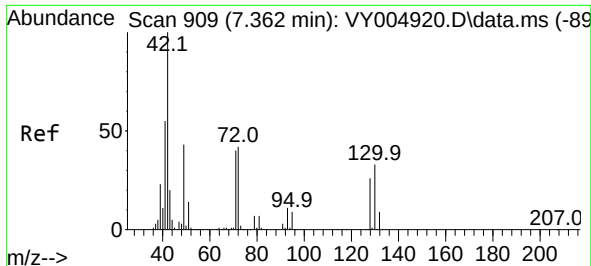
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 66.1 57.0 85.6





#29

Tetrahydrofuran

Concen: 104.181 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY004957.D

Acq: 04 Jun 2021 12:24

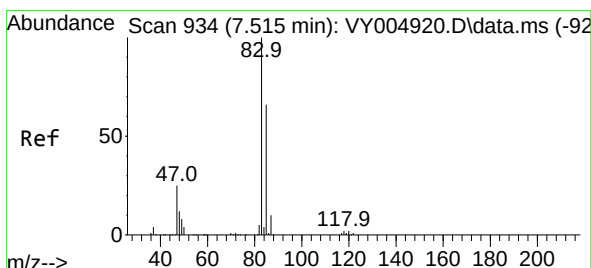
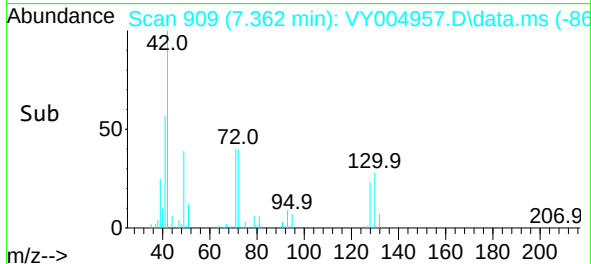
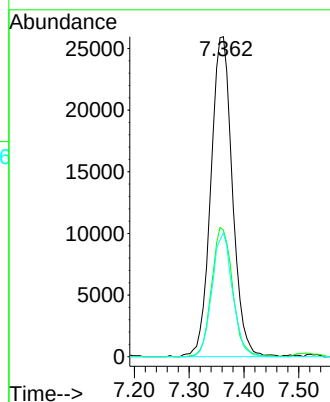
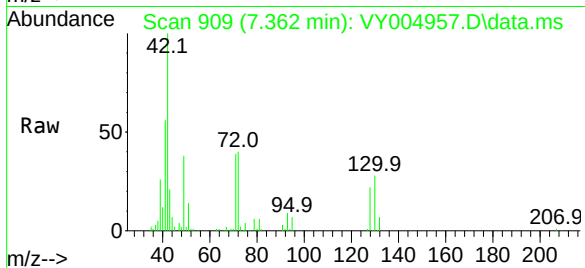
Instrument :

MSVOA\_Y

ClientSampleId :

VY0604SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 70849 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 39.3  | 32.6  | 49.0  |
| 71       | 36.6  | 30.9  | 46.3  |



#30

Chloroform

Concen: 21.087 ug/l

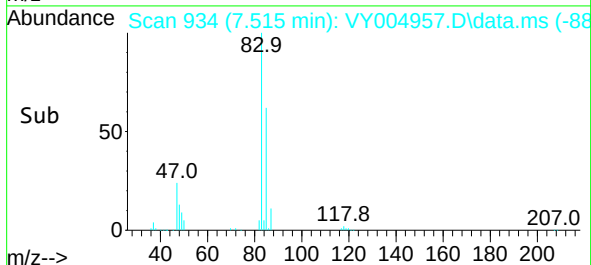
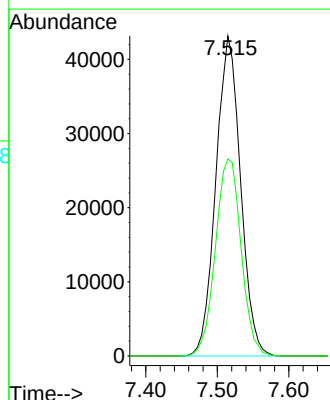
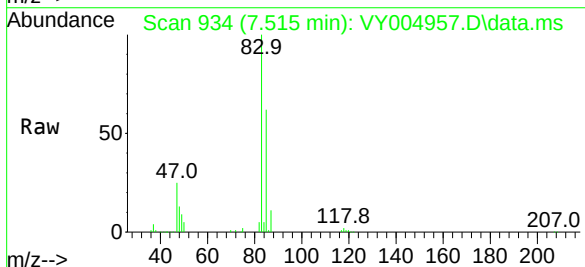
RT: 7.515 min Scan# 934

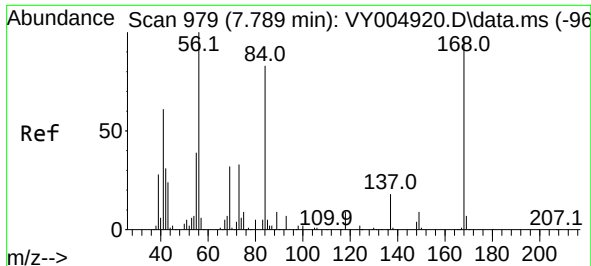
Delta R.T. -0.000 min

Lab File: VY004957.D

Acq: 04 Jun 2021 12:24

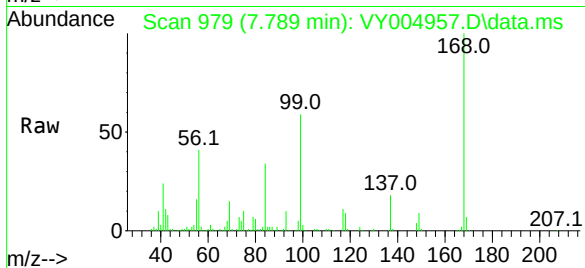
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 103437 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 61.6  | 52.6  | 78.8   |



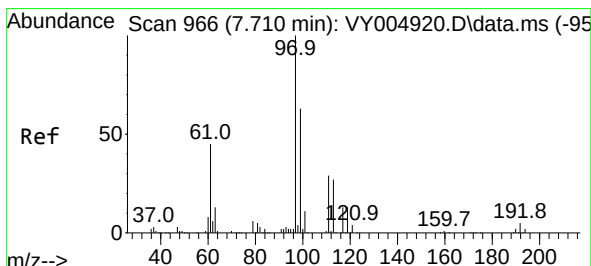
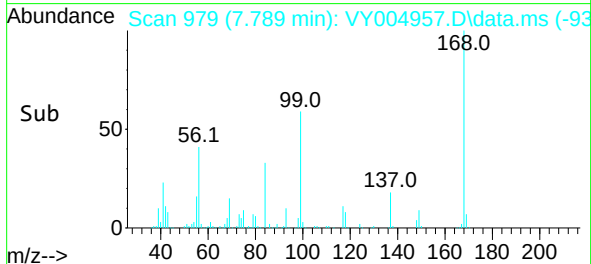
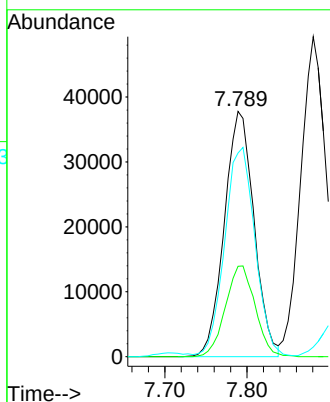


#31  
Cyclohexane  
Concen: 20.433 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

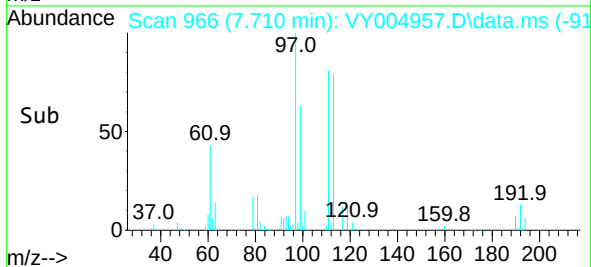
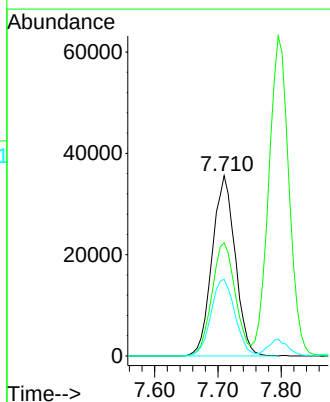
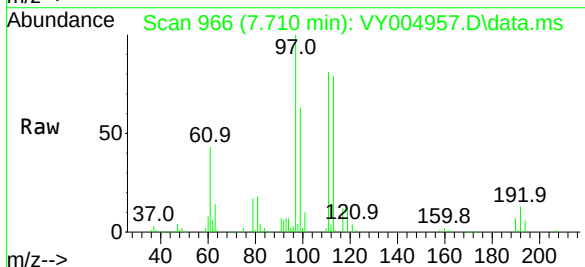


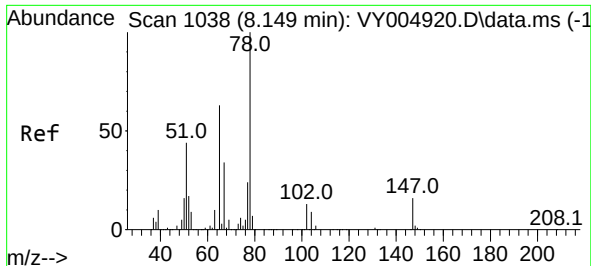
Tgt Ion: 56 Resp: 95033  
Ion Ratio Lower Upper  
56 100  
69 36.9 25.3 37.9  
84 81.7 66.2 99.4



#32  
1,1,1-Trichloroethane  
Concen: 20.876 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 97 Resp: 89828  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.4 77.0  
61 44.1 35.4 53.2

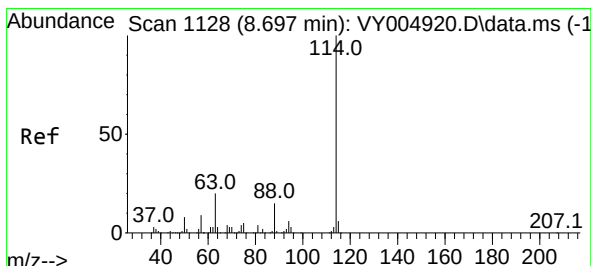
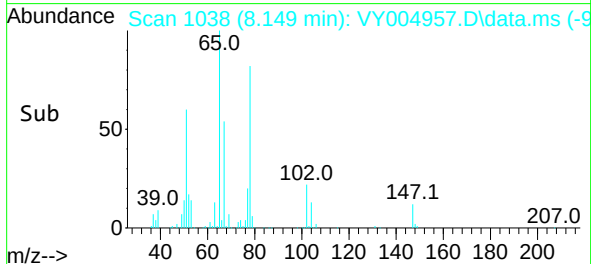
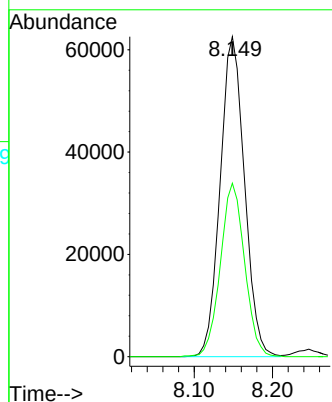
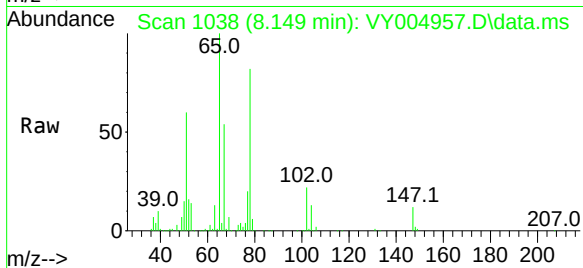




#33  
1,2-Dichloroethane-d4  
Concen: 51.167 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

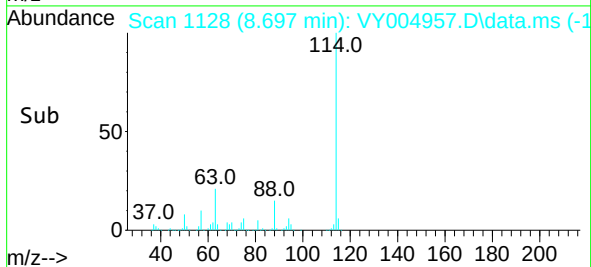
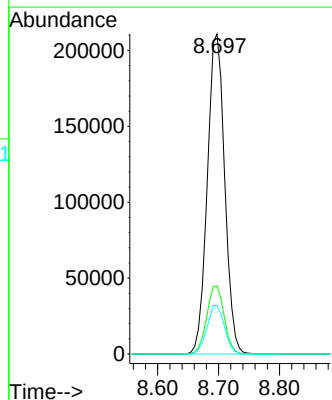
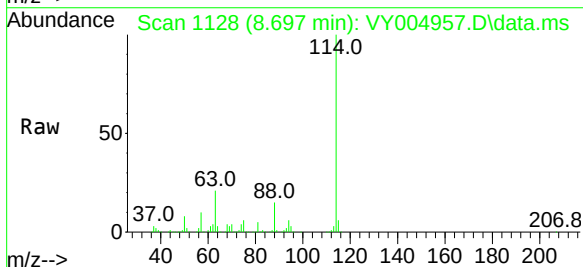
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

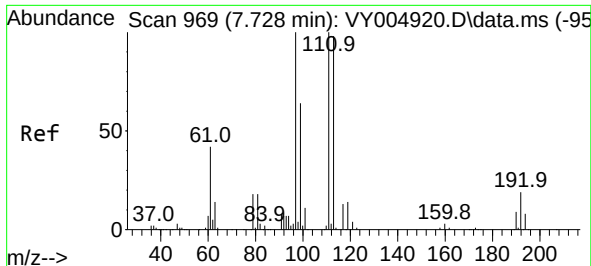
Tgt Ion: 65 Resp: 135163  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 110.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion:114 Resp: 416920  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 41.0  
88 15.2 0.0 30.6

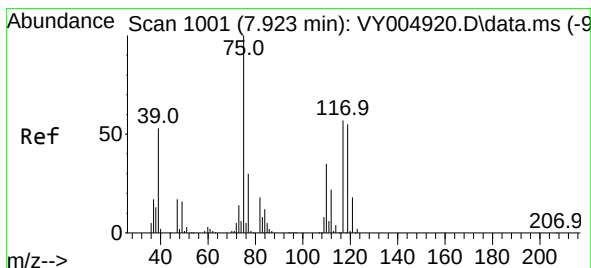
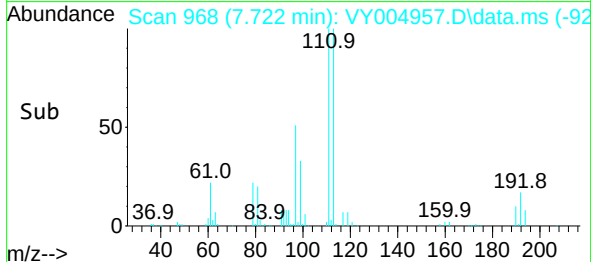
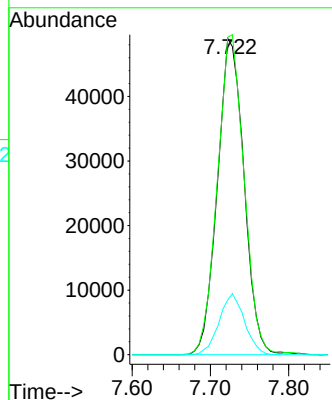
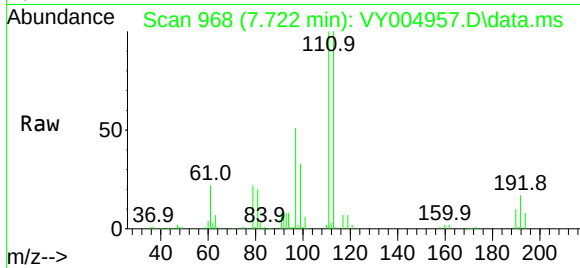




#35  
Dibromofluoromethane  
Concen: 51.393 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

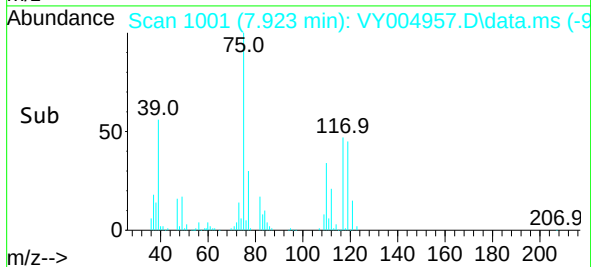
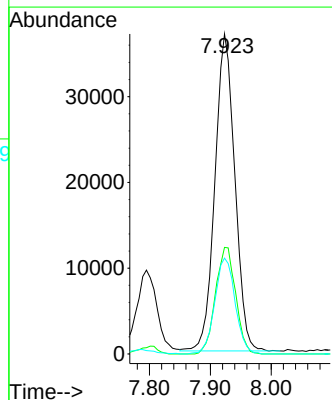
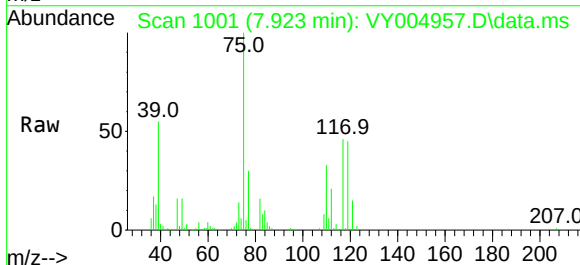
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

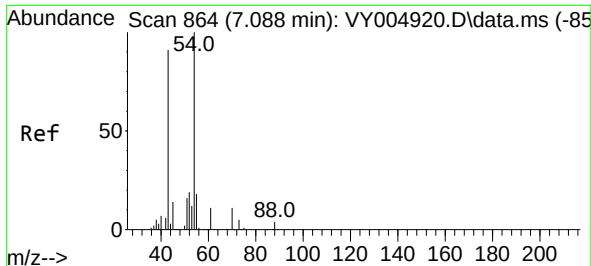
Tgt Ion:113 Resp: 115278  
Ion Ratio Lower Upper  
113 100  
111 102.2 81.8 122.8  
192 18.5 15.3 22.9



#36  
1,1-Dichloropropene  
Concen: 20.585 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 75 Resp: 83993  
Ion Ratio Lower Upper  
75 100  
110 34.0 17.5 52.5  
77 30.9 25.1 37.7

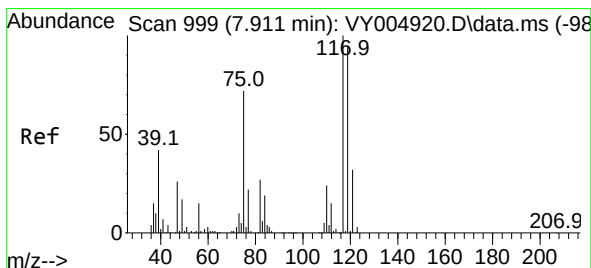
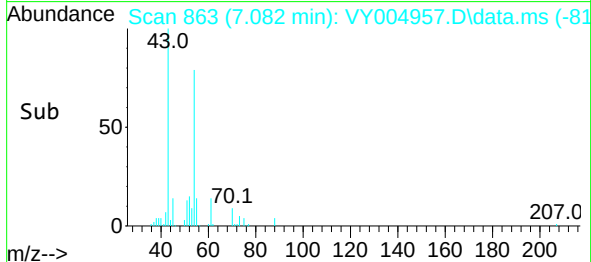
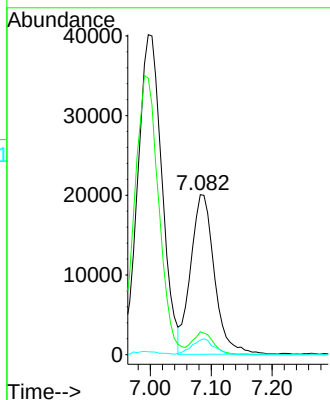
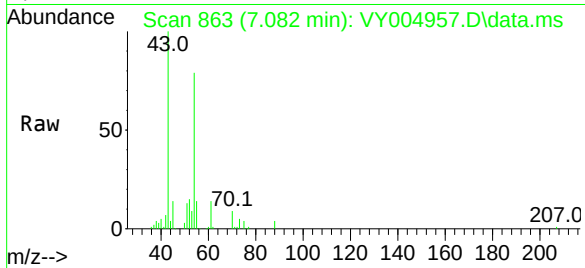




#37  
Ethyl Acetate  
Concen: 20.209 ug/l  
RT: 7.082 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

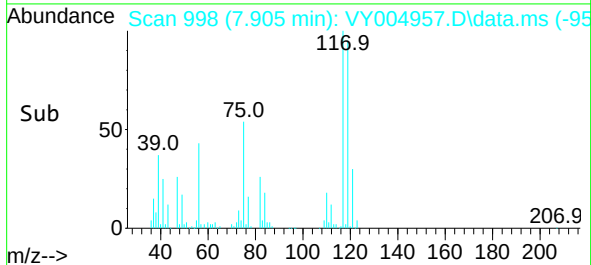
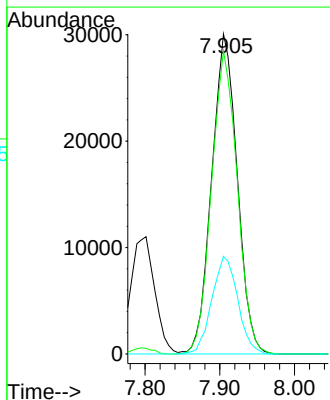
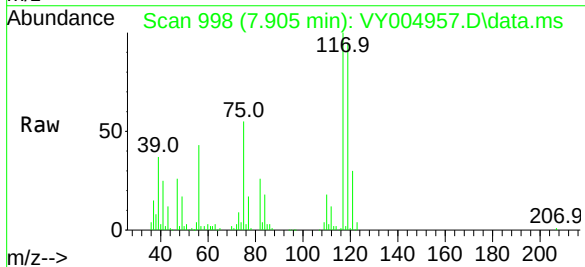
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

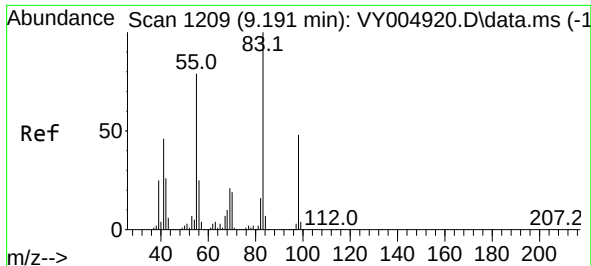
Tgt Ion: 43 Resp: 54242  
Ion Ratio Lower Upper  
43 100  
61 11.9 10.5 15.7  
70 9.3 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 20.140 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 117 Resp: 71516  
Ion Ratio Lower Upper  
117 100  
119 94.7 76.1 114.1  
121 30.5 25.5 38.3





#39

Methylcyclohexane

Concen: 19.912 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.006 min

Lab File: VY004957.D

Acq: 04 Jun 2021 12:24

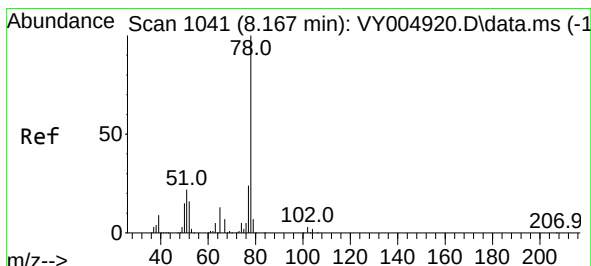
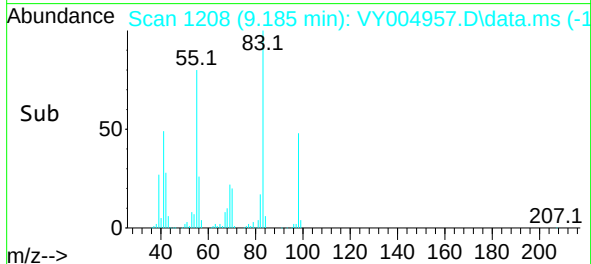
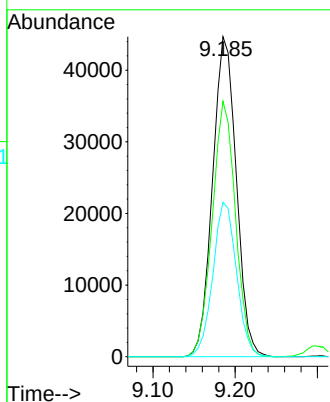
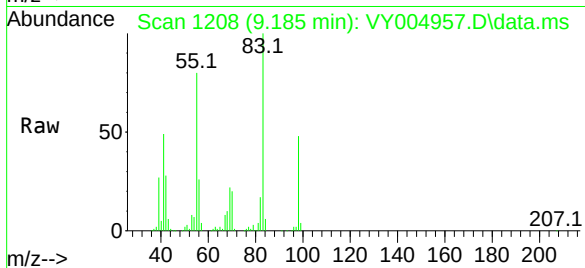
Instrument :

MSVOA\_Y

ClientSampleId :

VY0604SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 89744 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 79.8  | 63.1  | 94.7  |
| 98       | 48.3  | 38.6  | 58.0  |



#40

Benzene

Concen: 20.892 ug/l

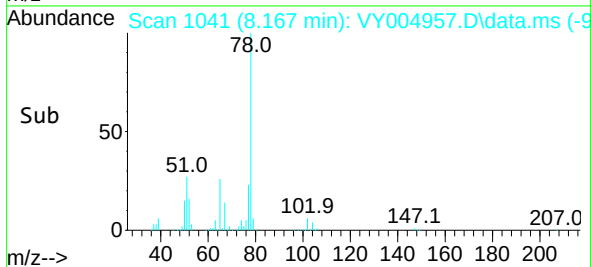
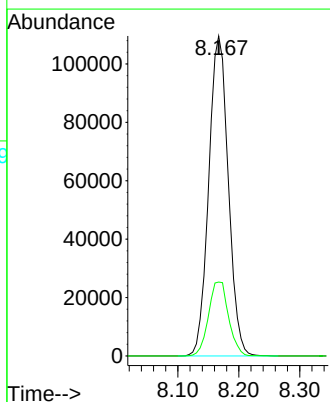
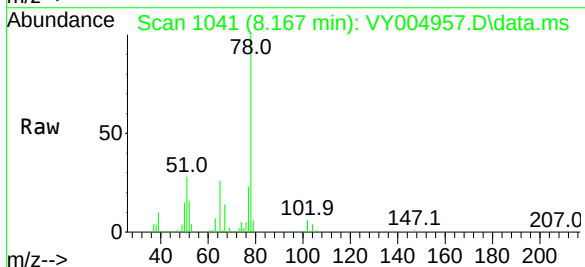
RT: 8.167 min Scan# 1041

Delta R.T. -0.000 min

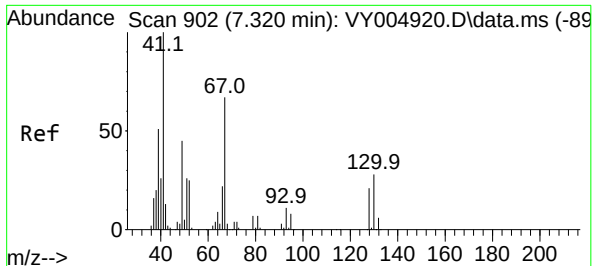
Lab File: VY004957.D

Acq: 04 Jun 2021 12:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 243906 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 23.1  | 19.4  | 29.2   |



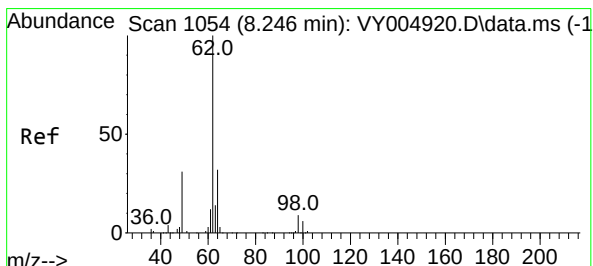
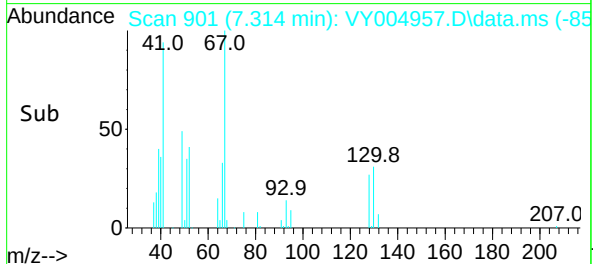
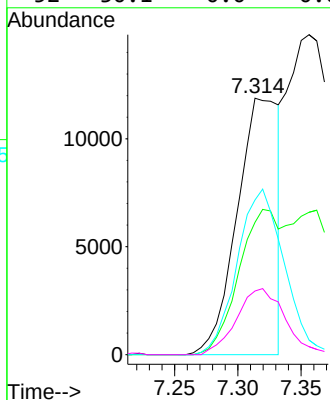
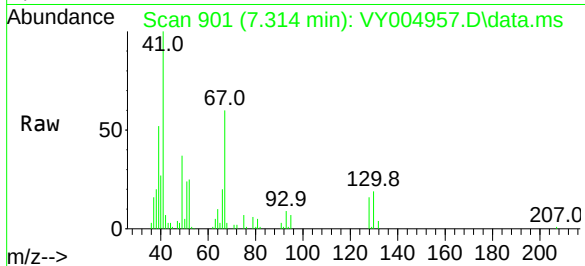




#41  
Methacrylonitrile  
Concen: 18.451 ug/l  
RT: 7.314 min Scan# 901  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

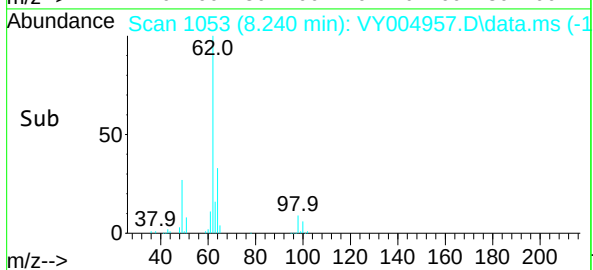
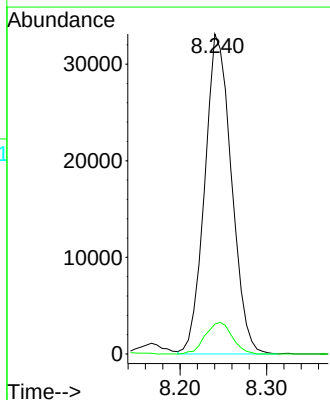
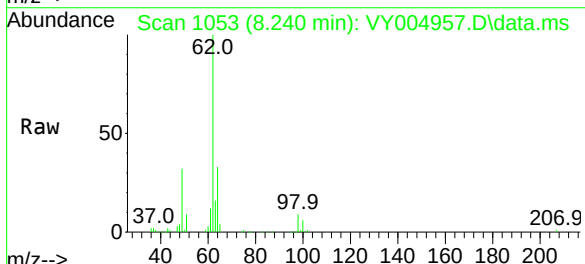
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

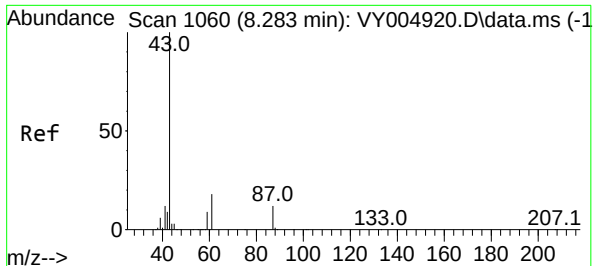
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 27225 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 61.6  | 0.0   | 0.0#  |
| 67       | 72.6  | 0.0   | 0.0#  |
| 52       | 30.1  | 0.0   | 0.0#  |



#42  
1,2-Dichloroethane  
Concen: 21.083 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 71060 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.9   | 0.0   | 19.2  |



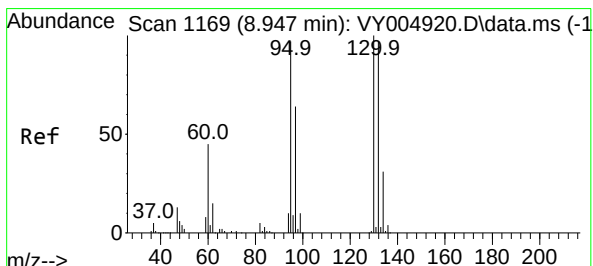
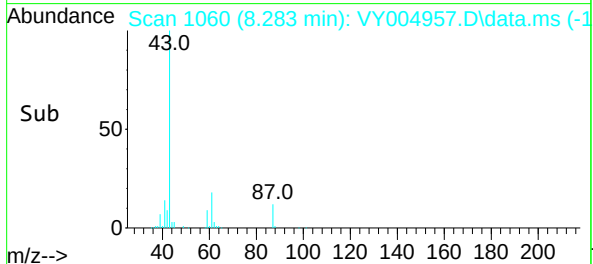
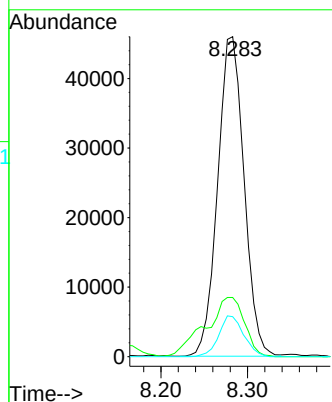
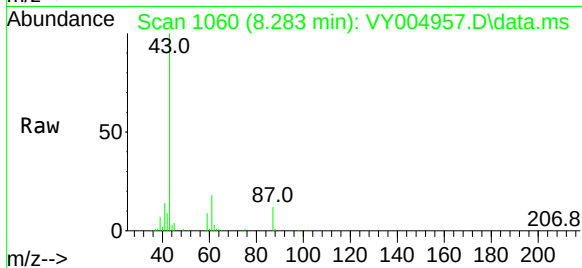


#43

Isopropyl Acetate  
 Concen: 20.186 ug/l  
 RT: 8.283 min Scan# 1060  
 Delta R.T. -0.000 min  
 Lab File: VY004957.D  
 Acq: 04 Jun 2021 12:24

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0604SBSD01

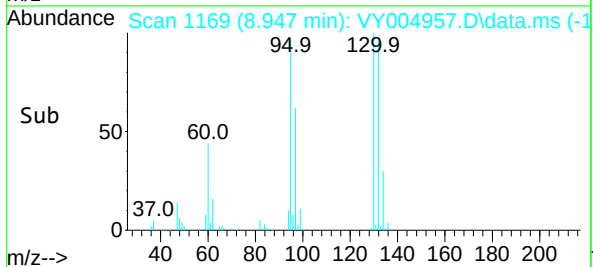
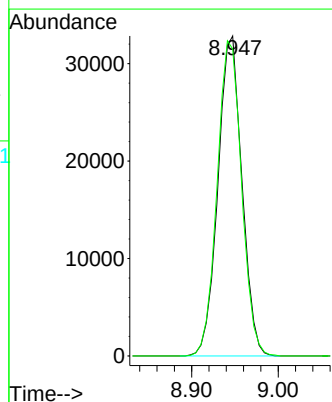
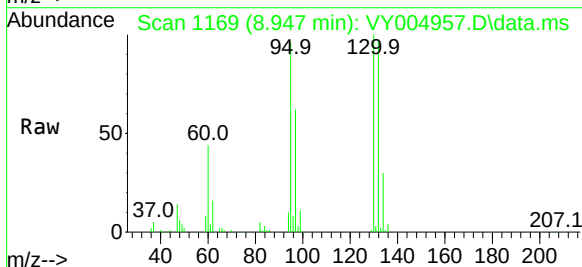
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 97267 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 27.4  | 21.7  | 32.5  |
| 87       | 12.1  | 9.6   | 14.4  |

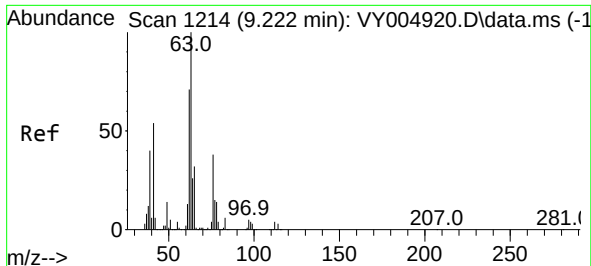


#44

Trichloroethene  
 Concen: 20.650 ug/l  
 RT: 8.947 min Scan# 1169  
 Delta R.T. -0.000 min  
 Lab File: VY004957.D  
 Acq: 04 Jun 2021 12:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 63098 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 96.0  | 0.0   | 194.0 |



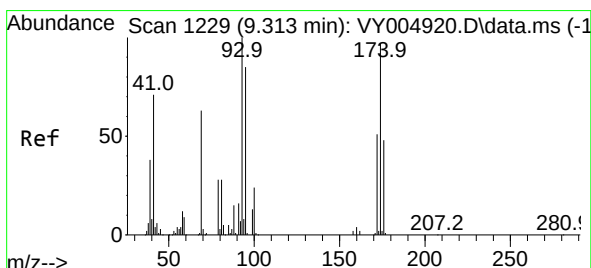
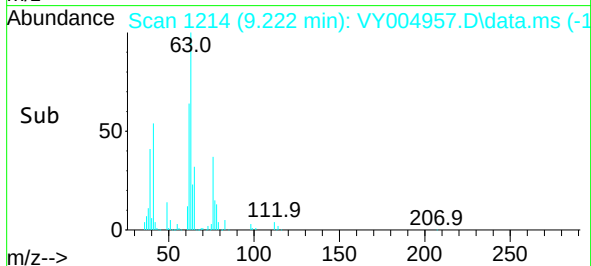
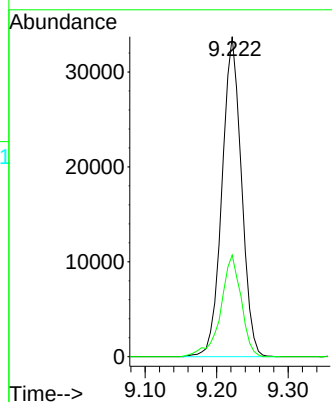
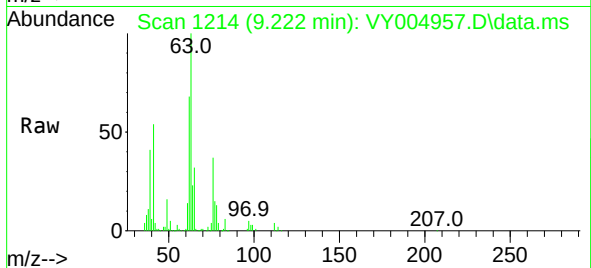


#45

1,2-Dichloropropane  
Concen: 20.844 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

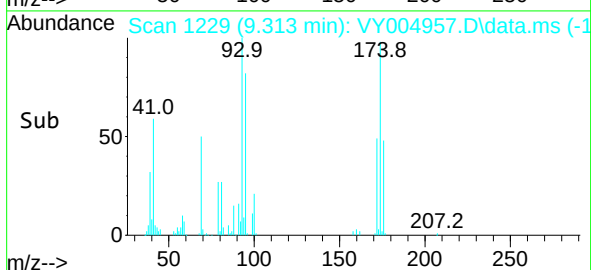
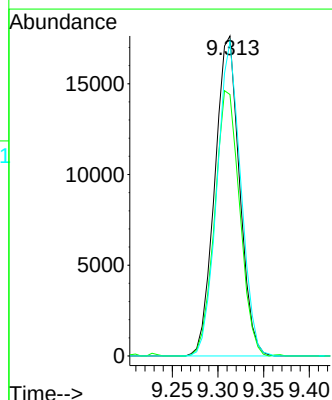
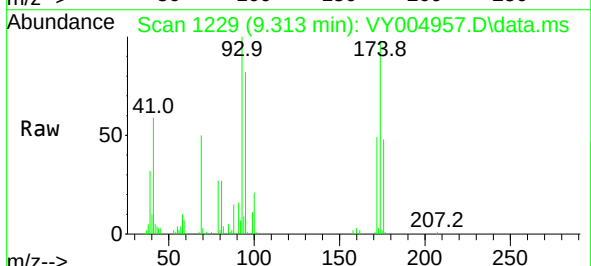
Tgt Ion: 63 Resp: 63690  
Ion Ratio Lower Upper  
63 100  
65 31.7 25.4 38.2

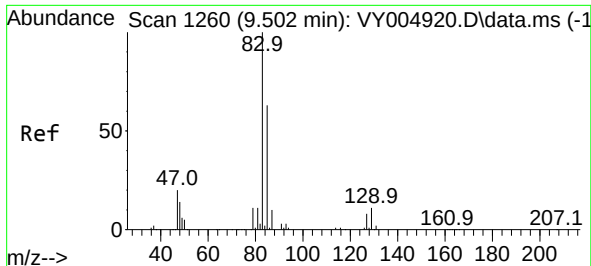


#46

Dibromomethane  
Concen: 20.358 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 93 Resp: 33221  
Ion Ratio Lower Upper  
93 100  
95 83.7 66.3 99.5  
174 94.4 75.0 112.6

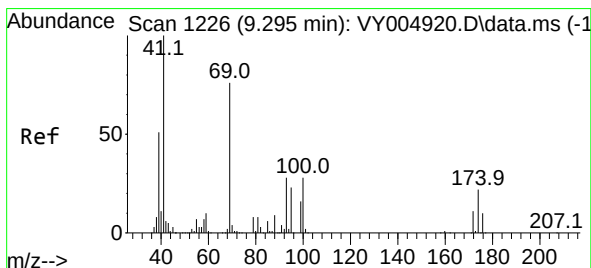
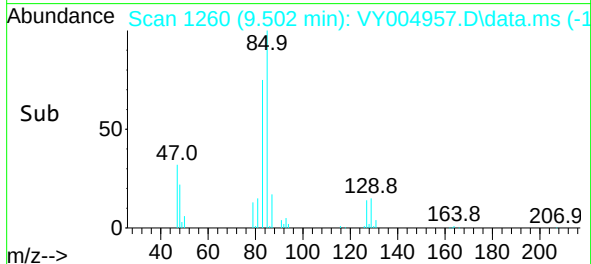
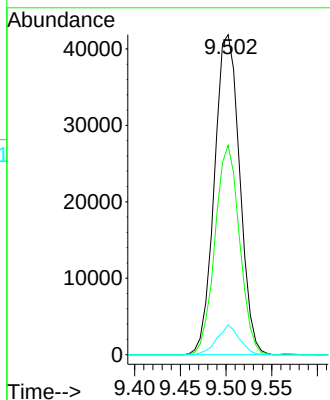
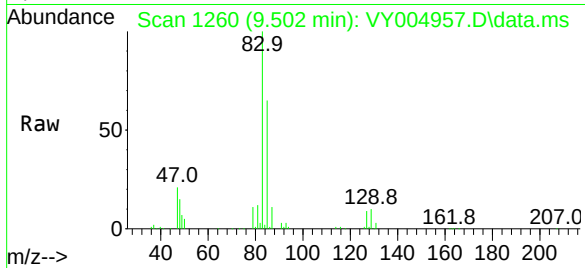




#47  
Bromodichloromethane  
Concen: 20.992 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

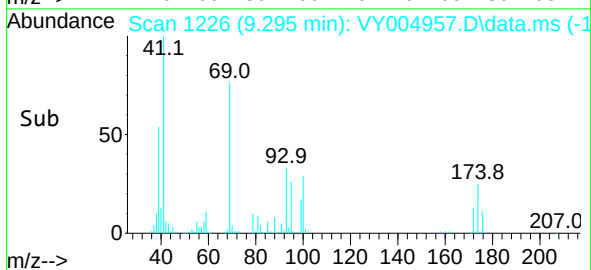
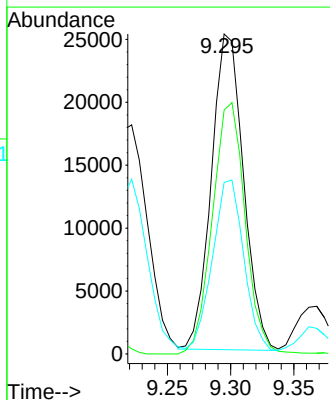
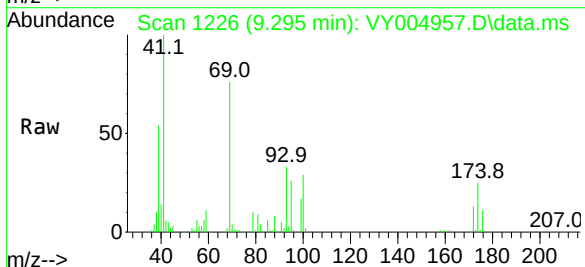
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

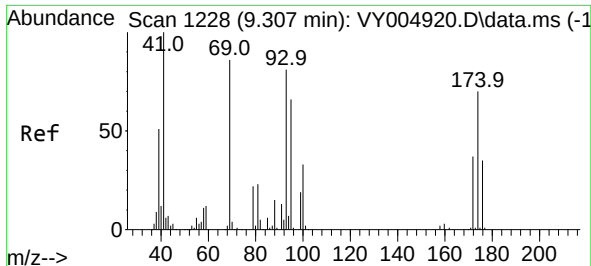
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 80425 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.5  | 50.8  | 76.2  |
| 127      | 9.3   | 6.7   | 10.1  |



#48  
Methyl methacrylate  
Concen: 20.250 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 44396 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 81.0  | 66.3  | 99.5  |
| 39       | 55.1  | 44.3  | 66.5  |

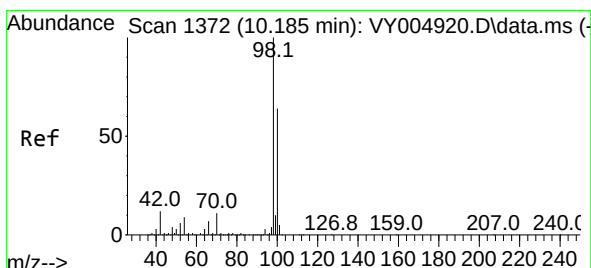
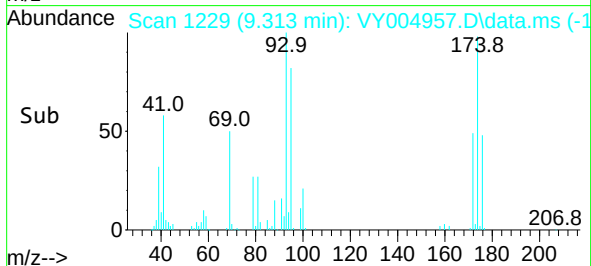
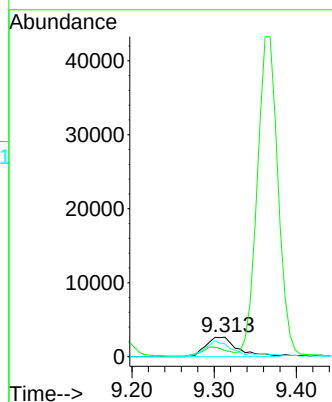
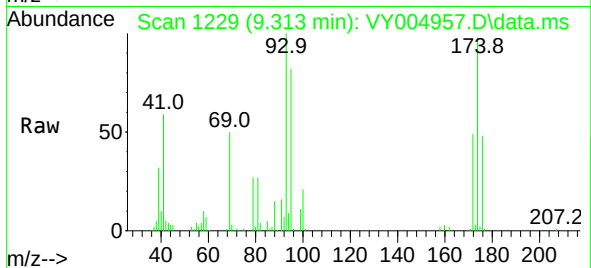




#49  
1,4-Dioxane  
Concen: 363.470 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

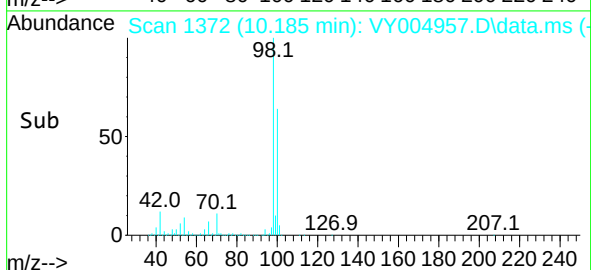
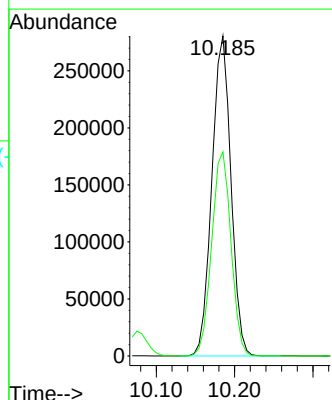
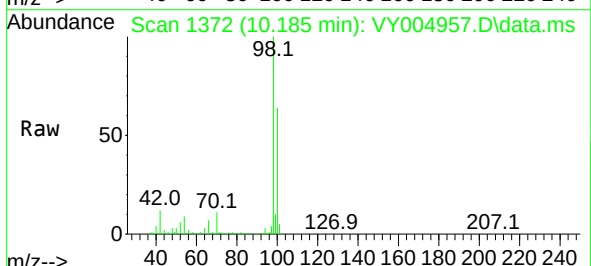
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

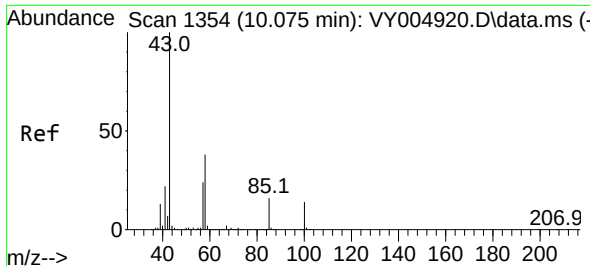
Tgt Ion: 88 Resp: 7161  
Ion Ratio Lower Upper  
88 100  
43 36.2 26.6 40.0  
58 68.0 53.6 80.4



#50  
Toluene-d8  
Concen: 50.887 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 98 Resp: 474051  
Ion Ratio Lower Upper  
98 100  
100 64.6 51.8 77.6

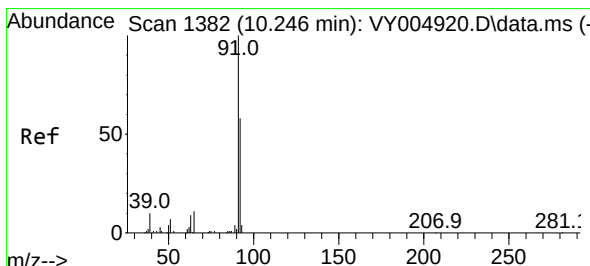
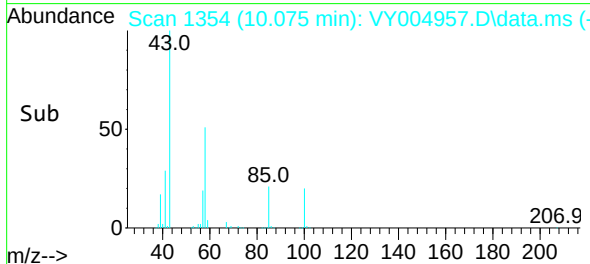
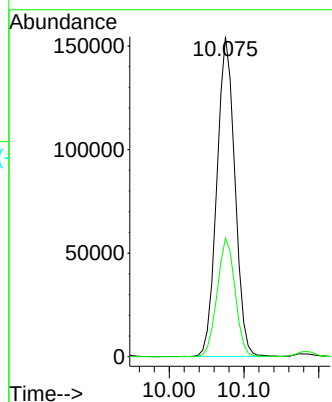
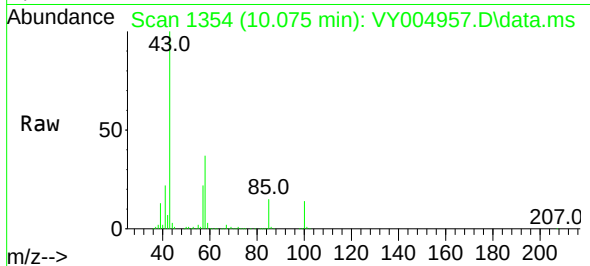




#51  
4-Methyl-2-Pentanone  
Concen: 102.543 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

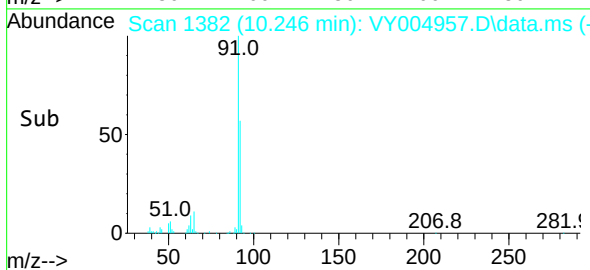
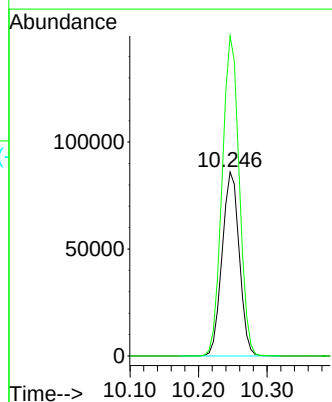
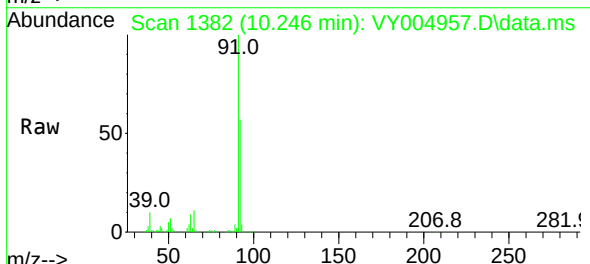
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

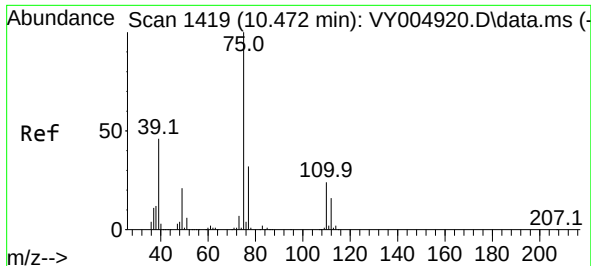
Tgt Ion: 43 Resp: 259028  
Ion Ratio Lower Upper  
43 100  
58 36.9 30.6 46.0



#52  
Toluene  
Concen: 21.094 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 92 Resp: 149015  
Ion Ratio Lower Upper  
92 100  
91 173.2 139.3 208.9

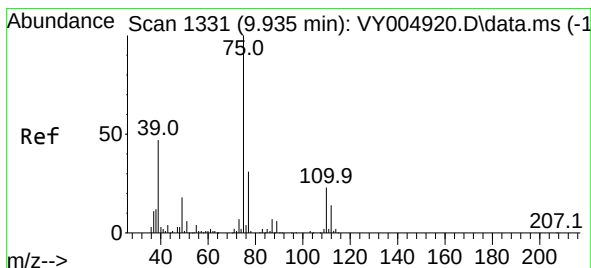
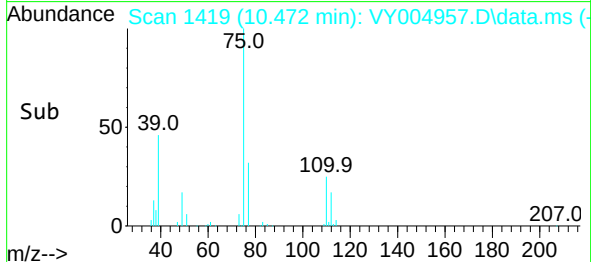
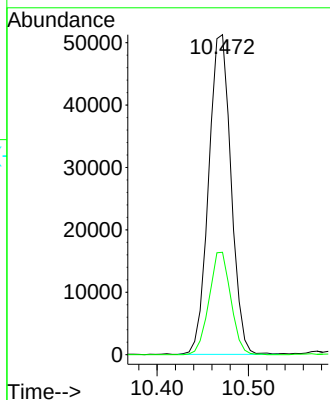
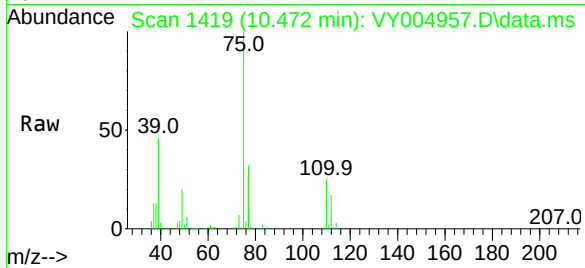




#53  
t-1,3-Dichloropropene  
Concen: 20.512 ug/l  
RT: 10.472 min Scan# 1419  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

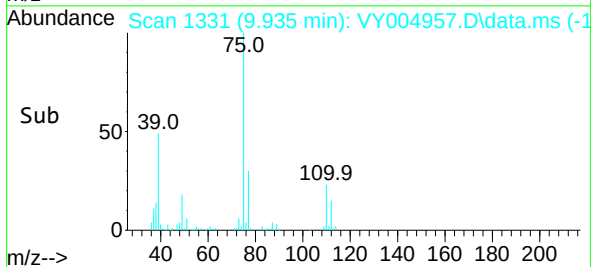
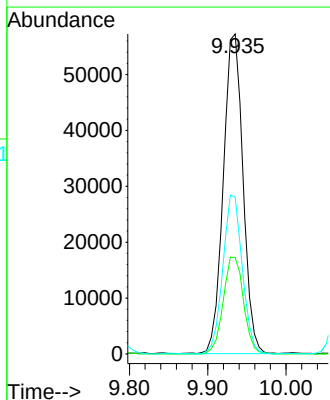
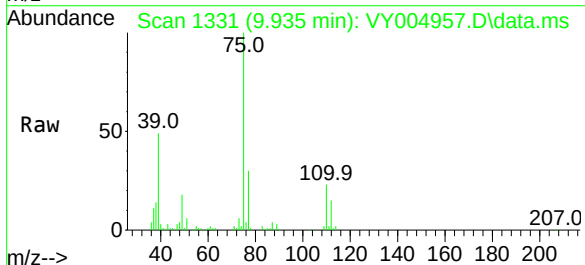
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

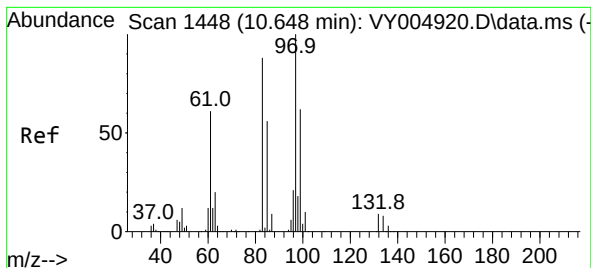
Tgt Ion: 75 Resp: 86982  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 20.755 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 75 Resp: 99993  
Ion Ratio Lower Upper  
75 100  
77 30.2 24.7 37.1  
39 49.0 37.8 56.8

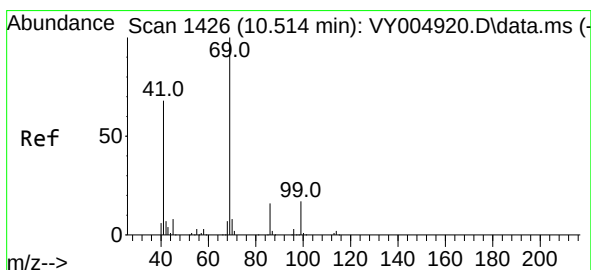
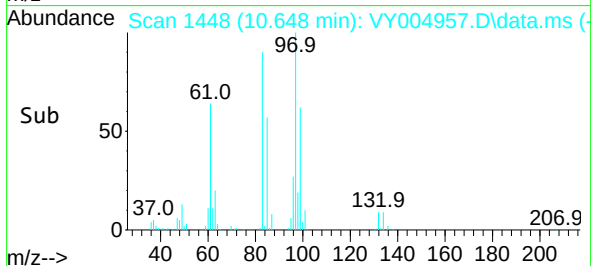
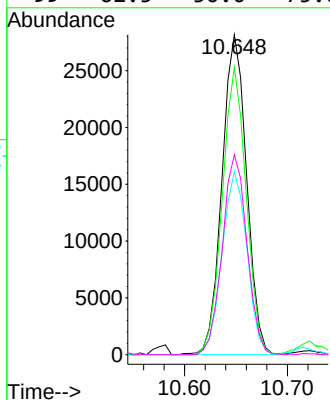
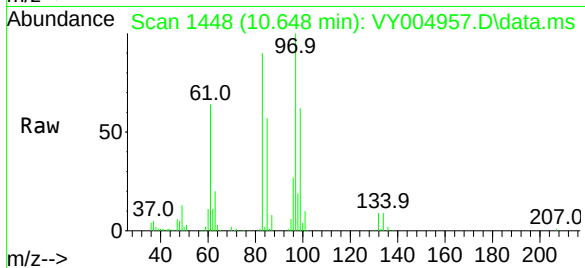




#55  
1,1,2-Trichloroethane  
Concen: 20.579 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

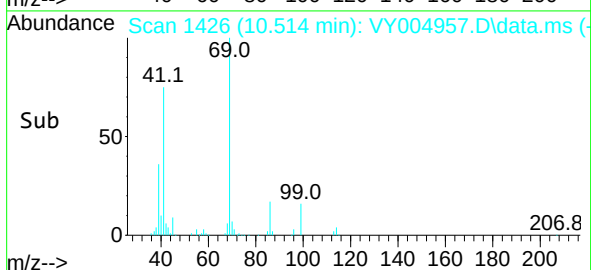
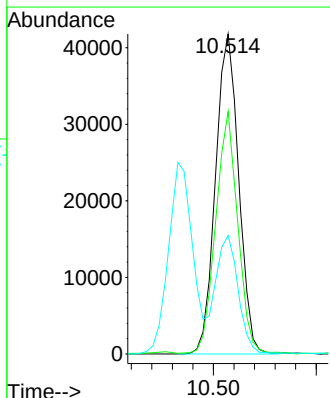
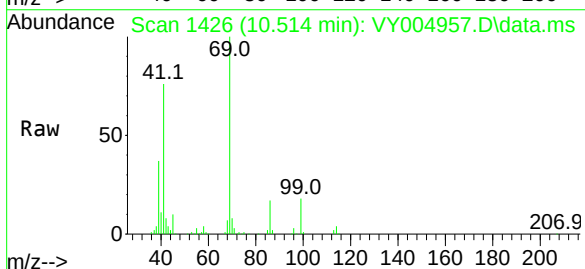
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 46678 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.8  | 70.3  | 105.5 |
| 85       | 57.2  | 44.6  | 66.8  |
| 99       | 62.5  | 50.0  | 75.0  |

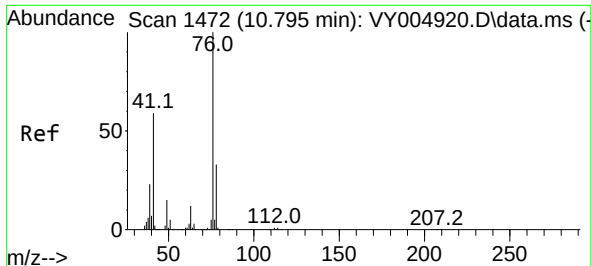


#56  
Ethyl methacrylate  
Concen: 20.072 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 65180 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 72.7  | 55.7  | 83.5  |
| 39       | 37.0  | 26.2  | 39.4  |



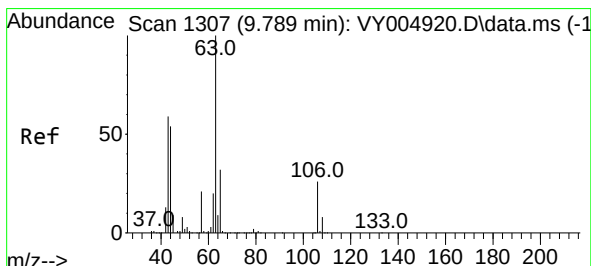
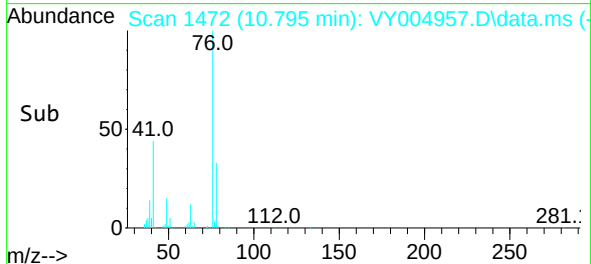
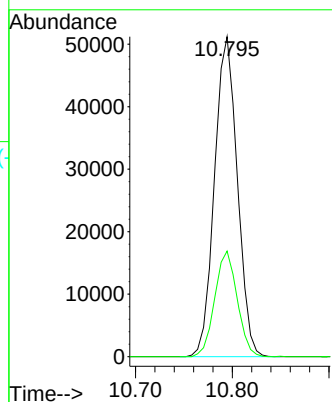
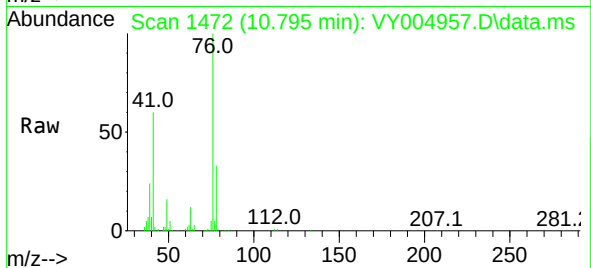




#57  
1,3-Dichloropropane  
Concen: 20.788 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

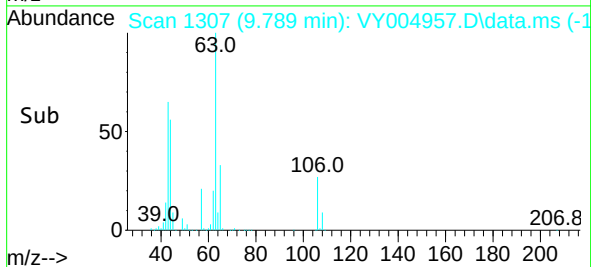
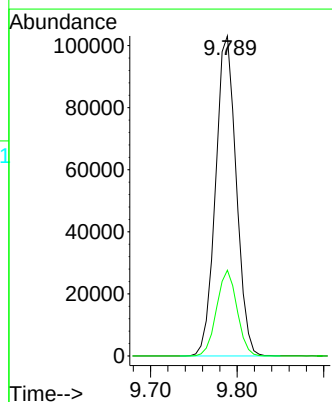
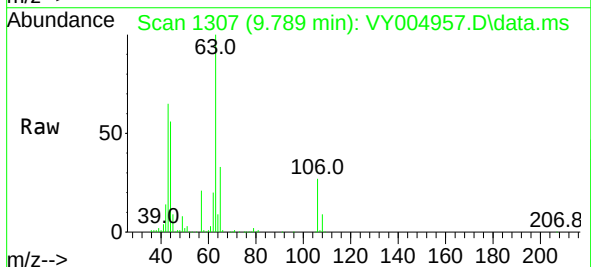
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

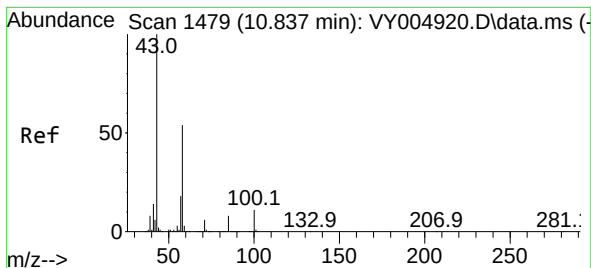
Tgt Ion: 76 Resp: 83904  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.8 38.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 104.034 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 63 Resp: 170721  
Ion Ratio Lower Upper  
63 100  
106 26.4 21.0 31.4

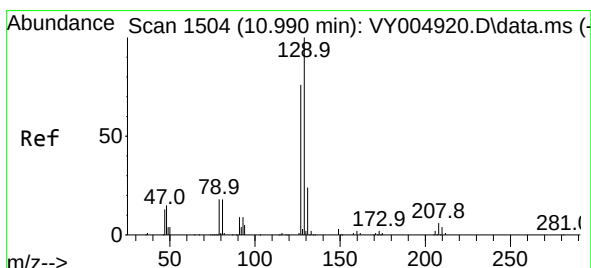
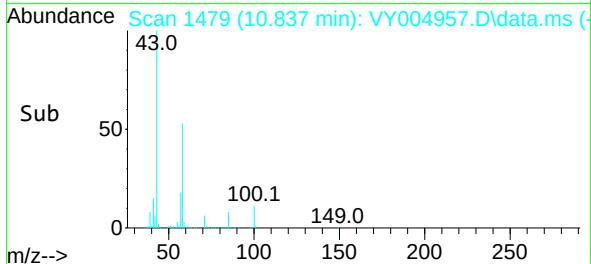
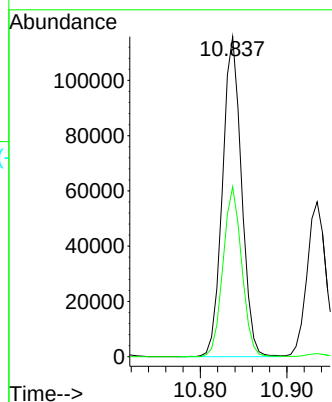
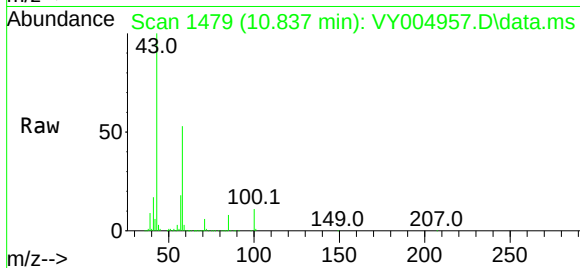




#59  
2-Hexanone  
Concen: 103.574 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

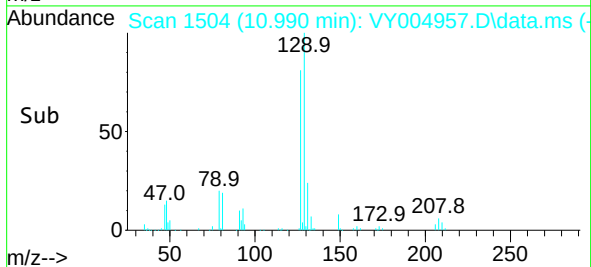
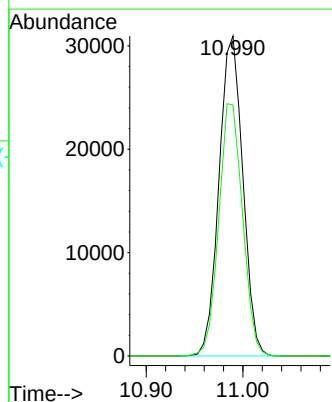
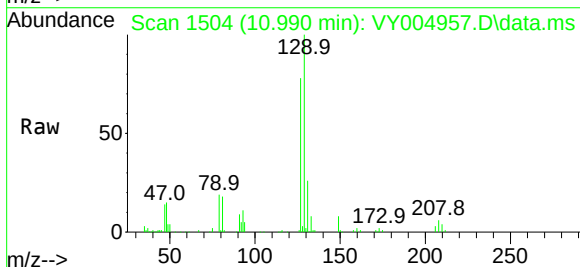
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

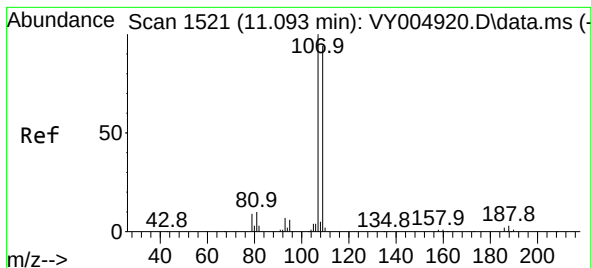
Tgt Ion: 43 Resp: 176841  
Ion Ratio Lower Upper  
43 100  
58 52.1 27.0 80.8



#60  
Dibromochloromethane  
Concen: 20.444 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 129 Resp: 52743  
Ion Ratio Lower Upper  
129 100  
127 79.0 38.9 116.6

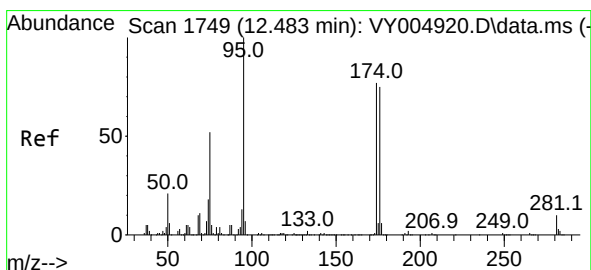
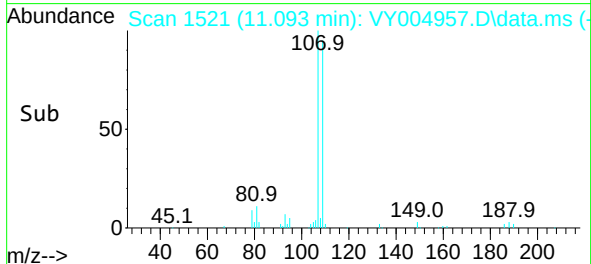
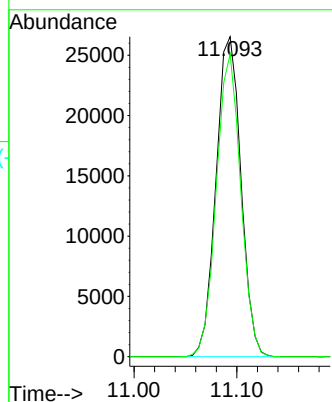
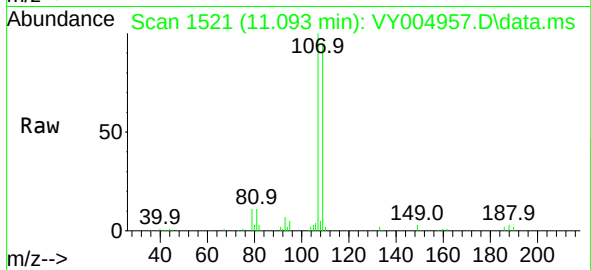




#61  
1,2-Dibromoethane  
Concen: 20.527 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

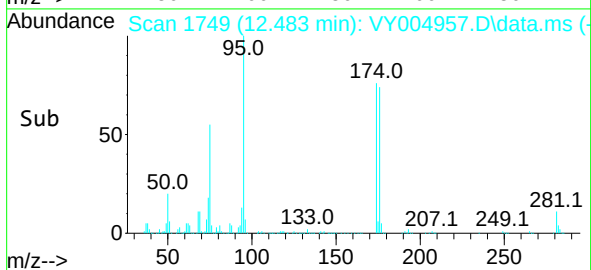
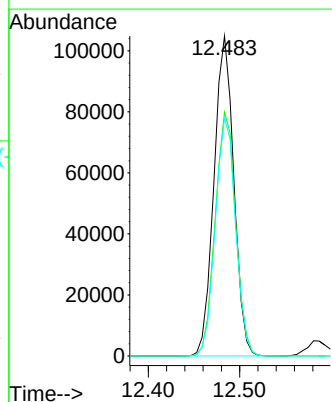
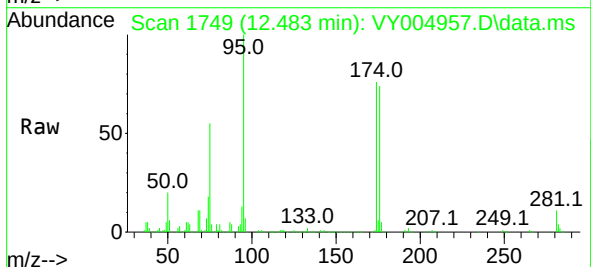
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

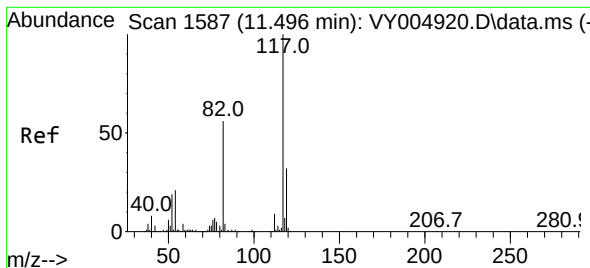
Tgt Ion:107 Resp: 44654  
Ion Ratio Lower Upper  
107 100  
109 92.5 75.0 112.4



#62  
4-Bromofluorobenzene  
Concen: 49.322 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 95 Resp: 158021  
Ion Ratio Lower Upper  
95 100  
174 78.7 0.0 160.8  
176 76.0 0.0 155.6

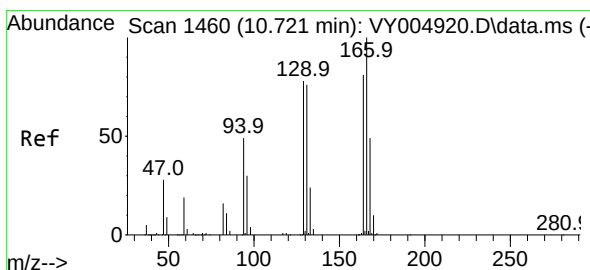
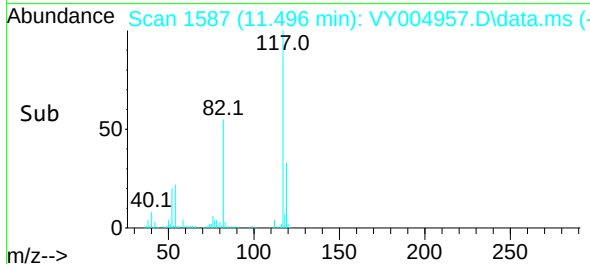
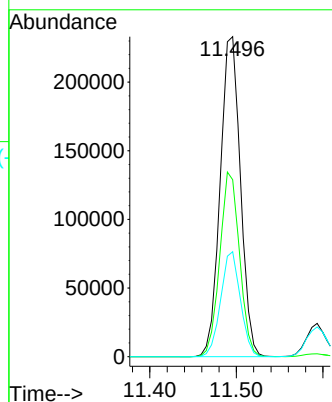
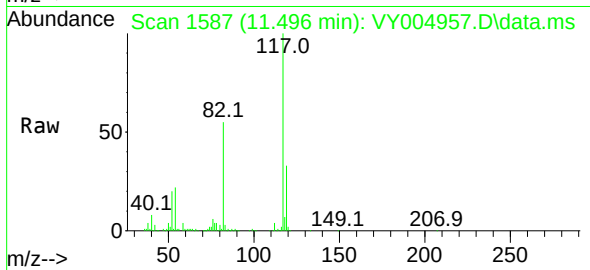




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

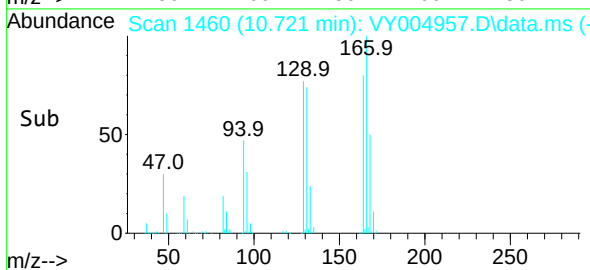
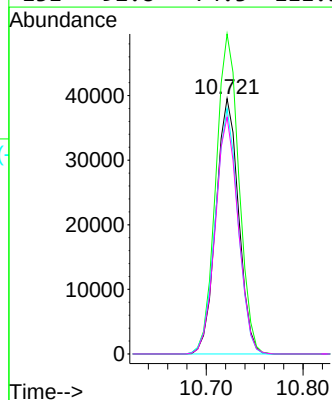
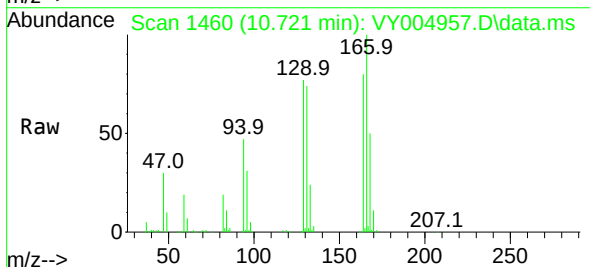
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

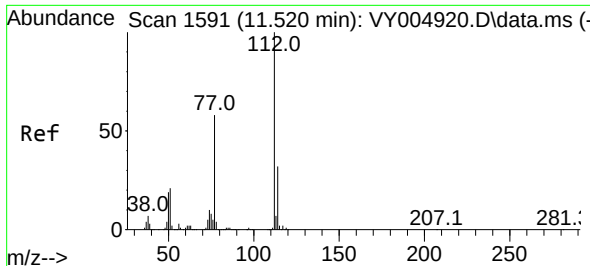
Tgt Ion:117 Resp: 378186  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.8 67.2  
119 32.8 25.2 37.8



#64  
Tetrachloroethene  
Concen: 20.263 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion:164 Resp: 64078  
Ion Ratio Lower Upper  
164 100  
166 125.3 98.4 147.6  
129 96.1 76.8 115.2  
131 92.8 74.3 111.5

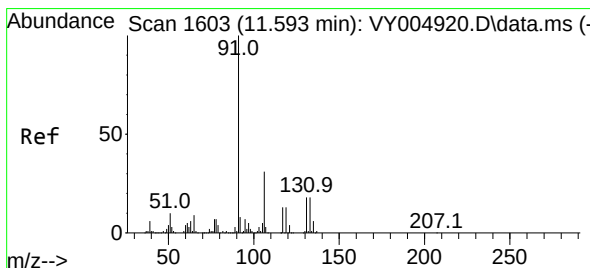
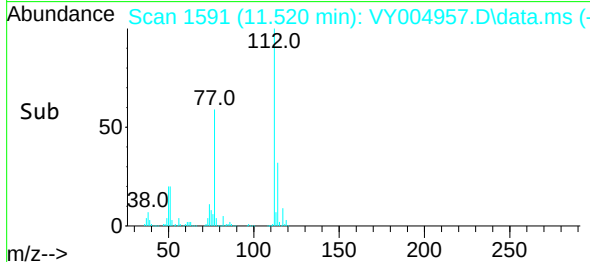
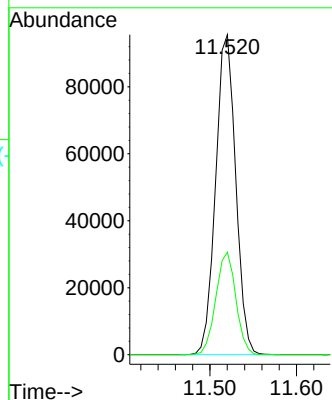
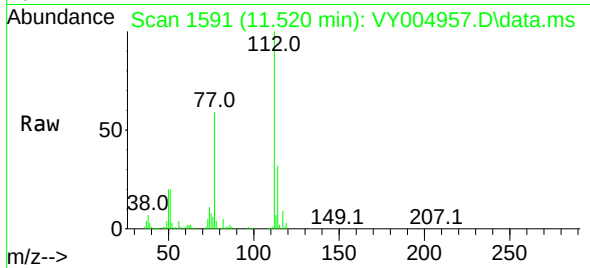




#65  
Chlorobenzene  
Concen: 20.498 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

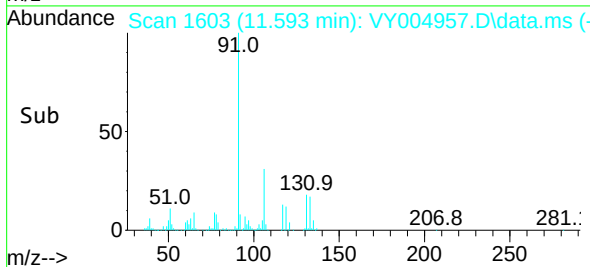
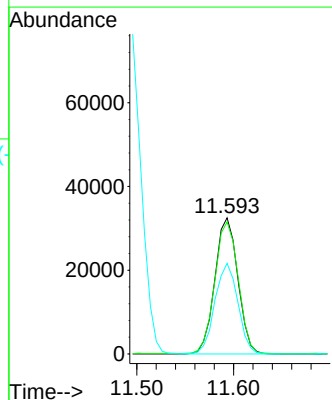
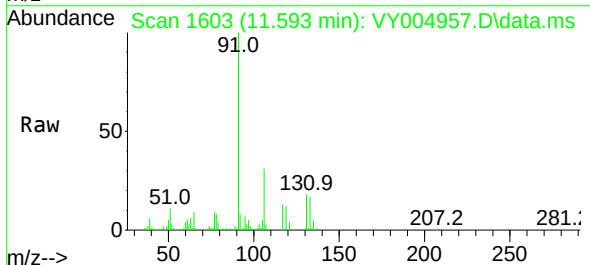
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

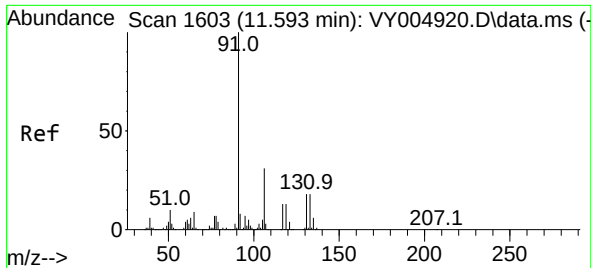
Tgt Ion:112 Resp: 153594  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.028 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion:131 Resp: 53499  
Ion Ratio Lower Upper  
131 100  
133 98.8 47.3 141.8  
119 66.6 33.5 100.5

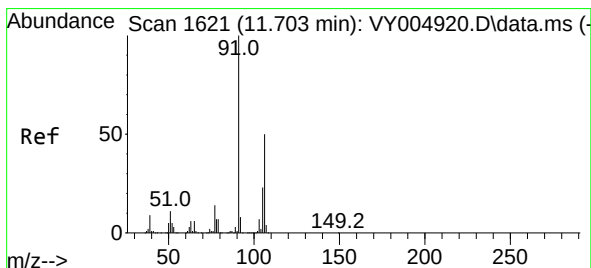
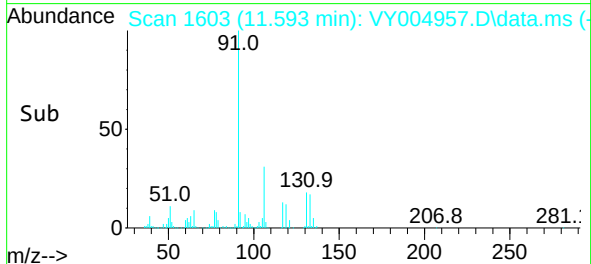
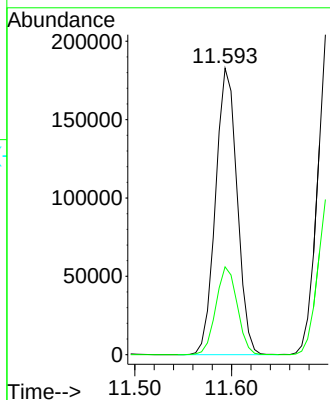
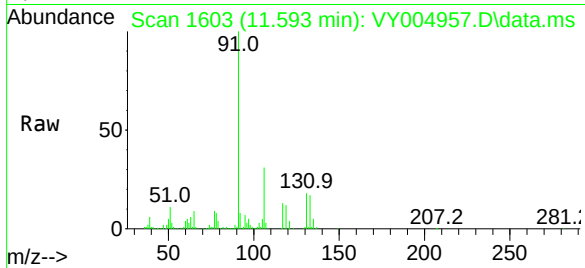




#67  
Ethyl Benzene  
Concen: 20.442 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

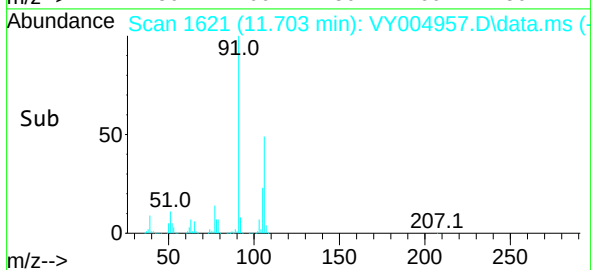
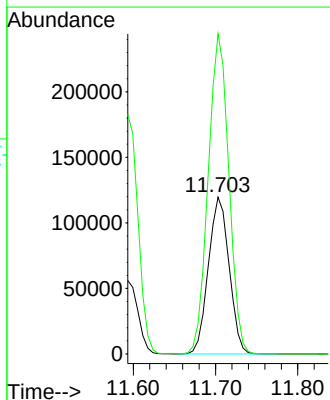
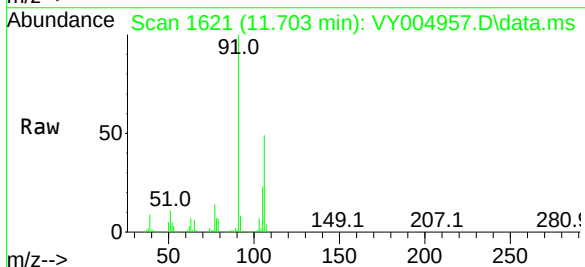
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

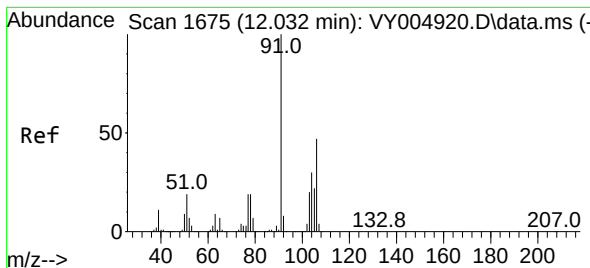
Tgt Ion: 91 Resp: 283067  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.6 36.8



#68  
m/p-Xylenes  
Concen: 40.391 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 106 Resp: 209560  
Ion Ratio Lower Upper  
106 100  
91 203.6 161.9 242.9

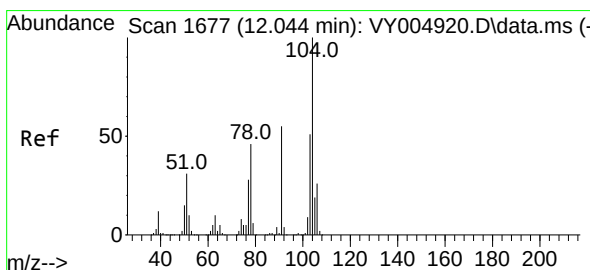
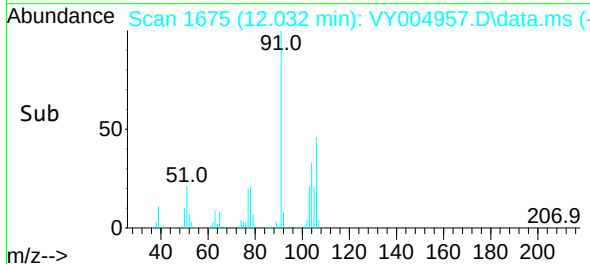
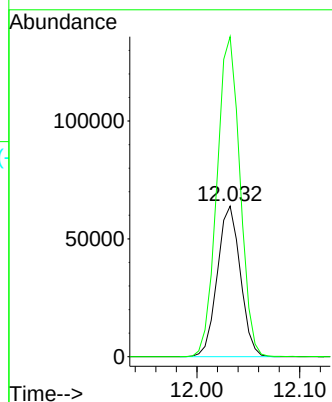
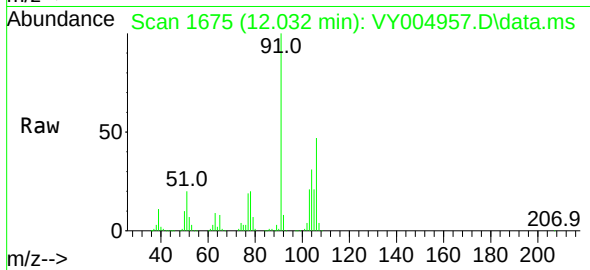




#69  
o-Xylene  
Concen: 20.517 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

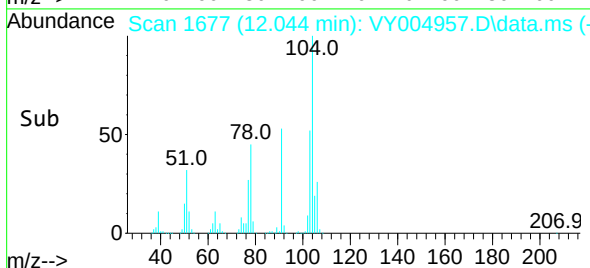
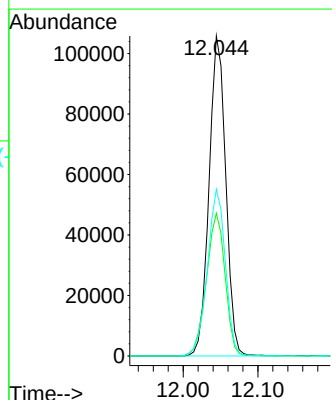
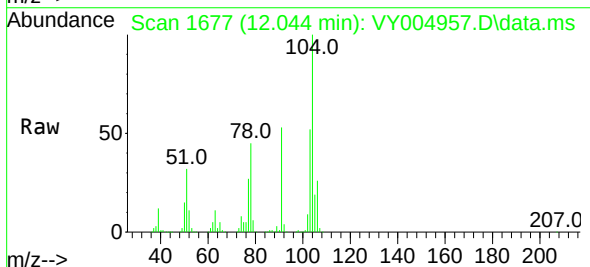
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

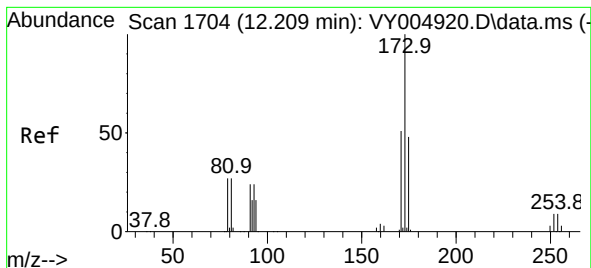
Tgt Ion:106 Resp: 99130  
Ion Ratio Lower Upper  
106 100  
91 213.4 108.0 324.0



#70  
Styrene  
Concen: 20.413 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion:104 Resp: 164324  
Ion Ratio Lower Upper  
104 100  
78 49.9 40.2 60.2  
103 56.0 44.0 66.0





#71

Bromoform

Concen: 19.715 ug/l

RT: 12.209 min Scan# 1704

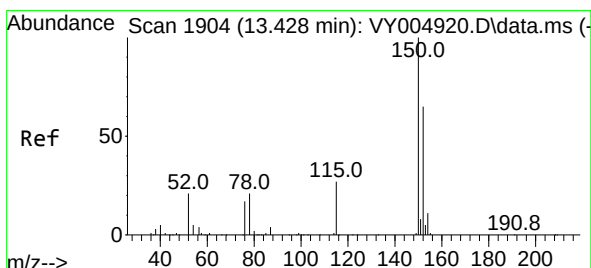
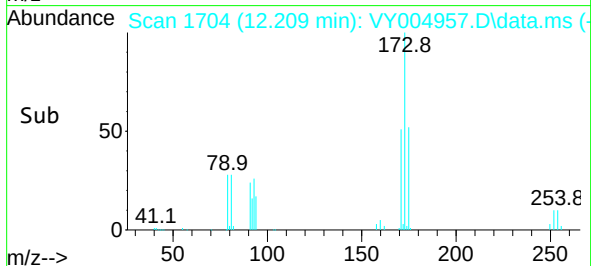
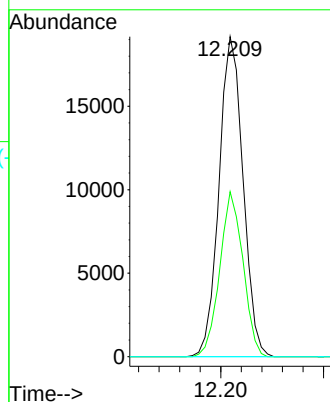
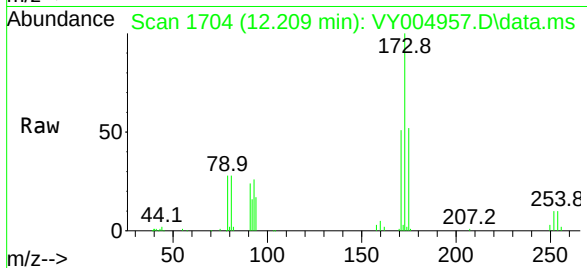
Delta R.T. -0.000 min

Lab File: VY004957.D

Acq: 04 Jun 2021 12:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 31051 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 49.8  | 24.6  | 73.6  |
| 254       | 0.0   | 0.1   | 0.1#  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

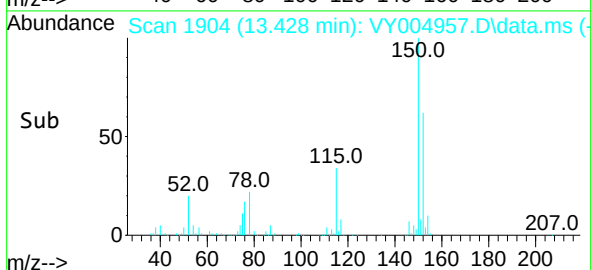
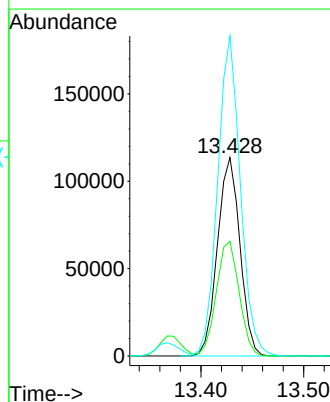
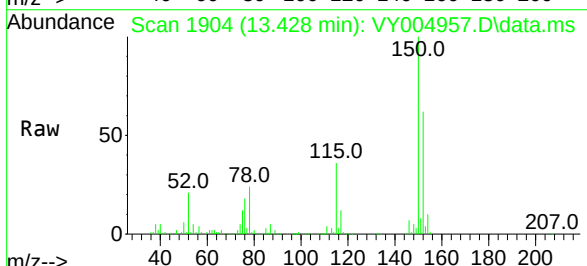
RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

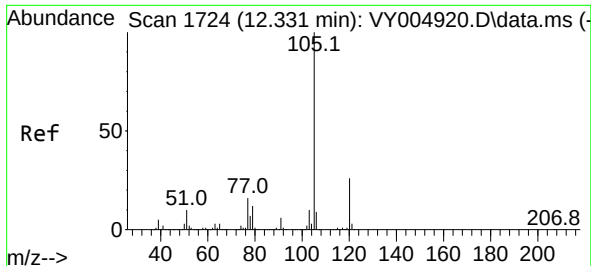
Lab File: VY004957.D

Acq: 04 Jun 2021 12:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 172417 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 58.8  | 29.9  | 89.7   |
| 150       | 162.7 | 0.0   | 347.8  |



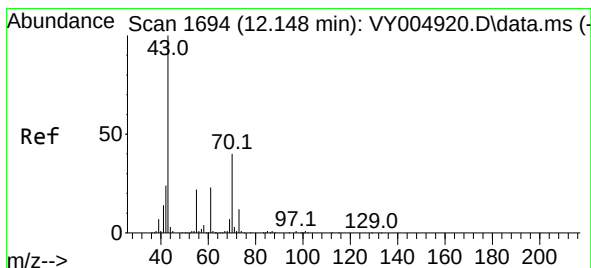
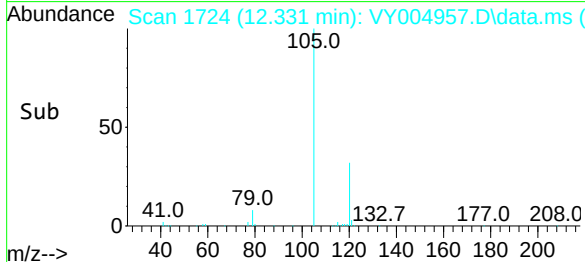
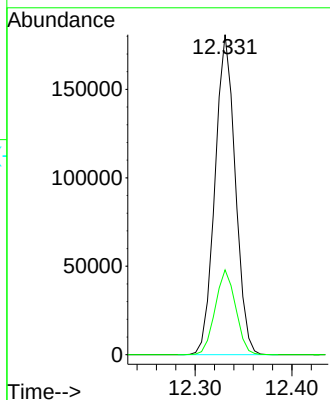
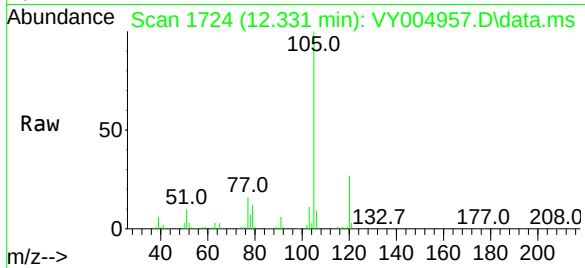




#73  
Isopropylbenzene  
Concen: 20.204 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

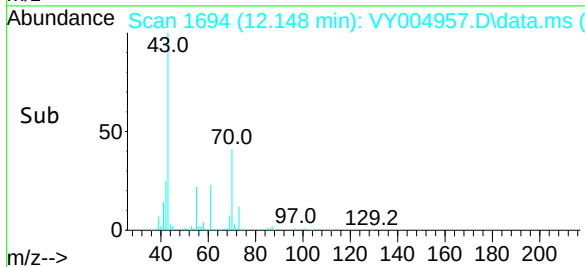
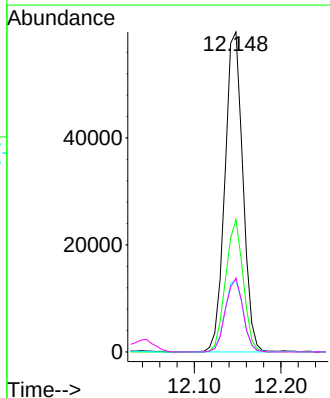
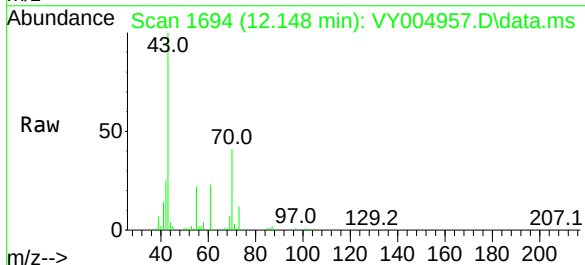
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

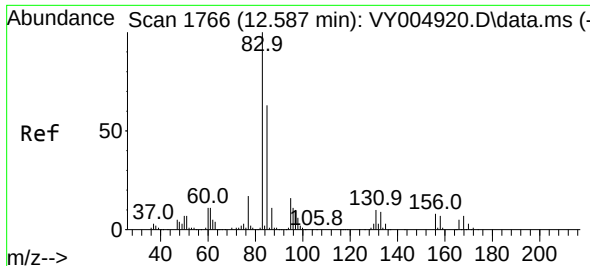
Tgt Ion:105 Resp: 263148  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.3 39.9



#74  
N-ethyl acetate  
Concen: 20.534 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 43 Resp: 86288  
Ion Ratio Lower Upper  
43 100  
70 40.3 32.0 48.0  
55 22.8 17.9 26.9  
61 22.6 18.5 27.7

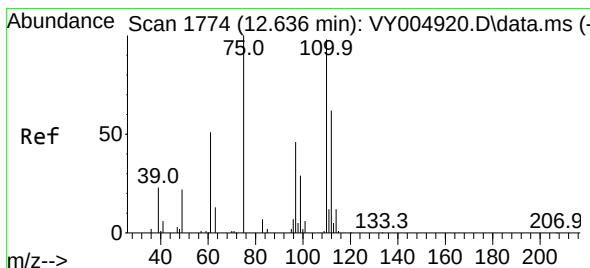
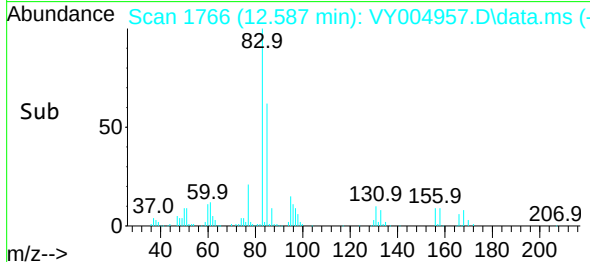
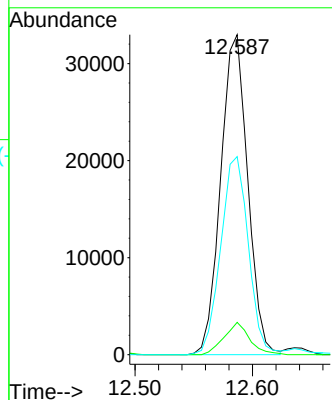
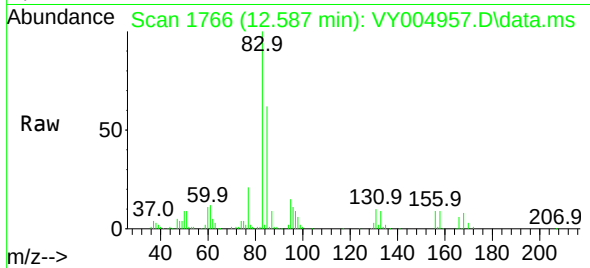




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.167 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

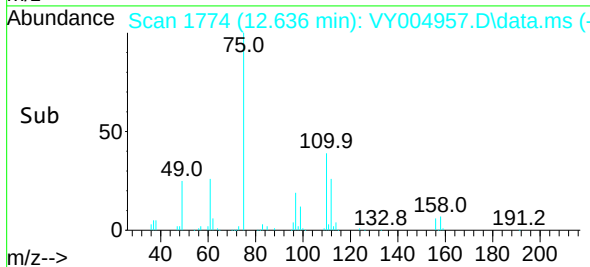
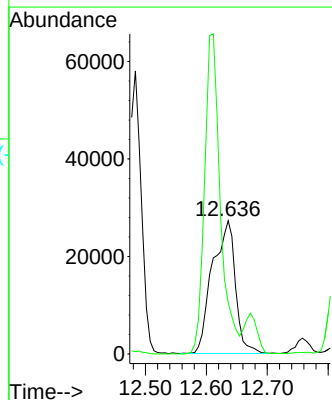
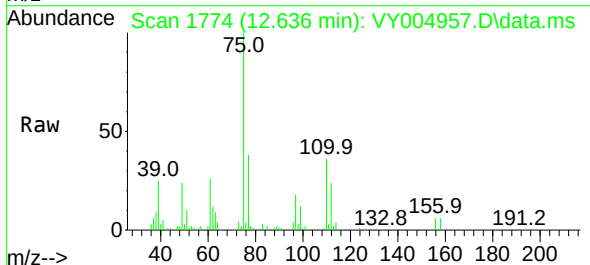
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

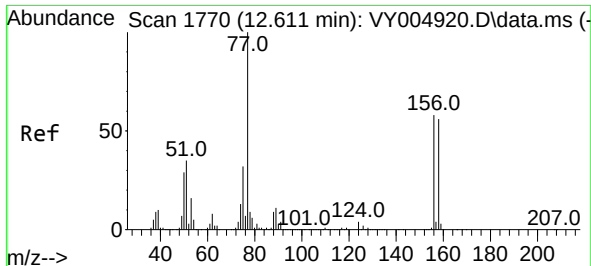
Tgt Ion: 83 Resp: 52728  
Ion Ratio Lower Upper  
83 100  
131 9.6 4.9 14.6  
85 63.3 31.9 95.9



#76  
1,2,3-Trichloropropane  
Concen: 37.875 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 75 Resp: 71585  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

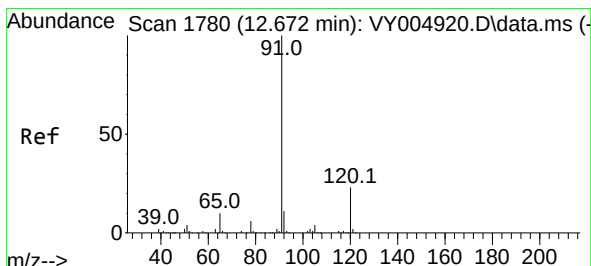
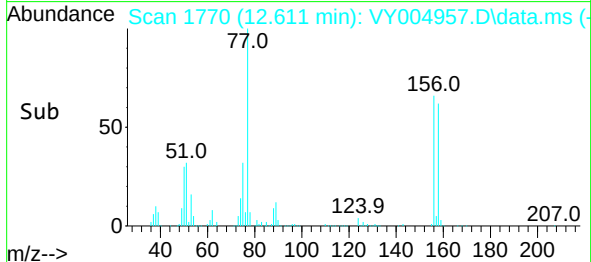
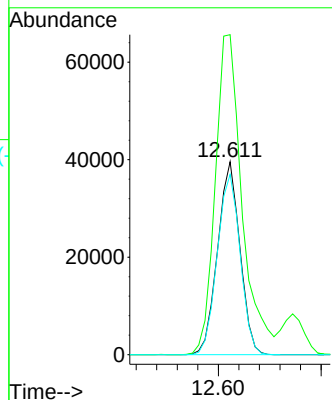
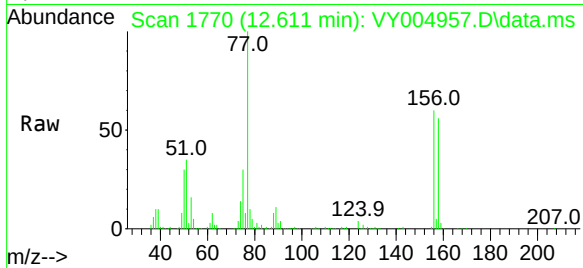




#77  
Bromobenzene  
Concen: 20.484 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

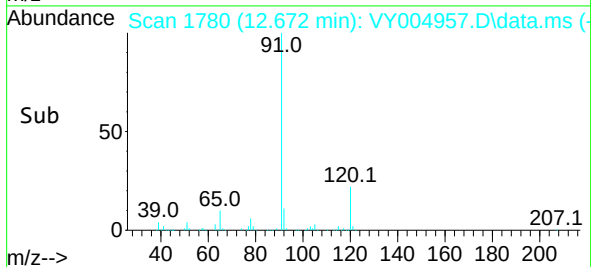
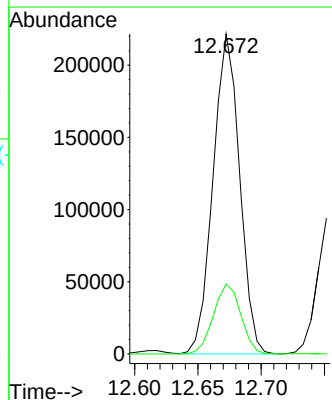
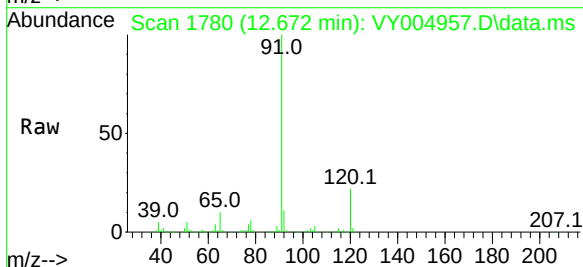
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

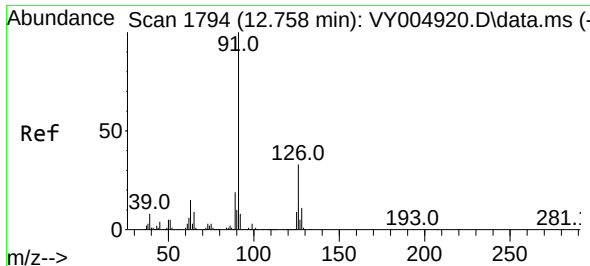
Tgt Ion:156 Resp: 59610  
Ion Ratio Lower Upper  
156 100  
77 199.4 98.0 294.1  
158 95.9 47.7 143.1



#78  
n-propylbenzene  
Concen: 20.583 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 91 Resp: 323130  
Ion Ratio Lower Upper  
91 100  
120 22.4 11.2 33.6

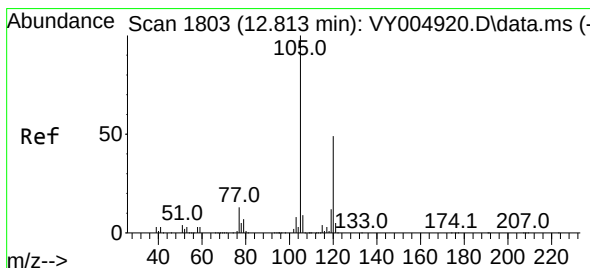
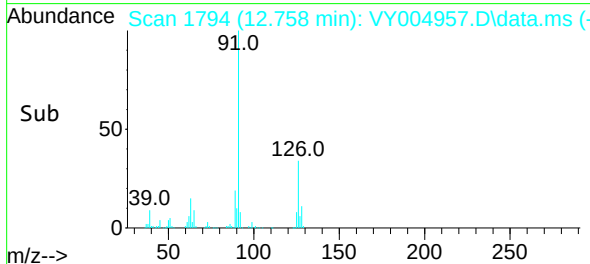
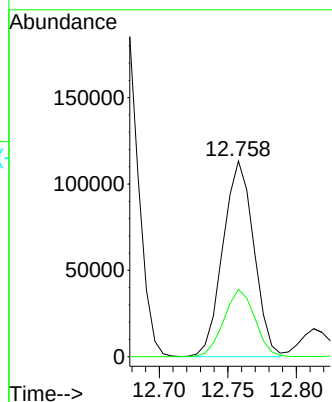
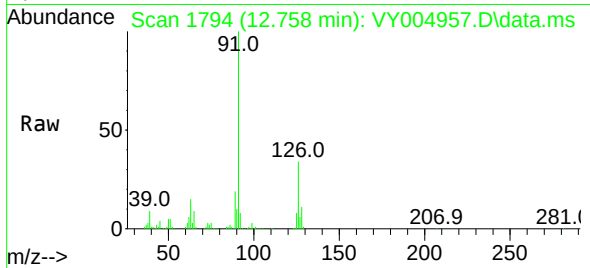




#79  
2-Chlorotoluene  
Concen: 20.348 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

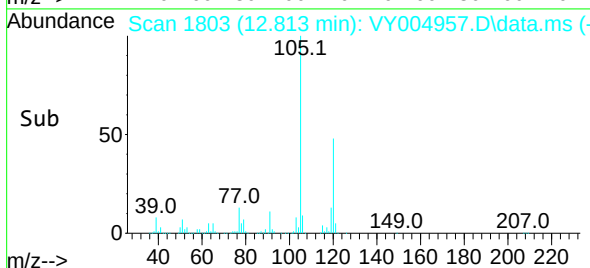
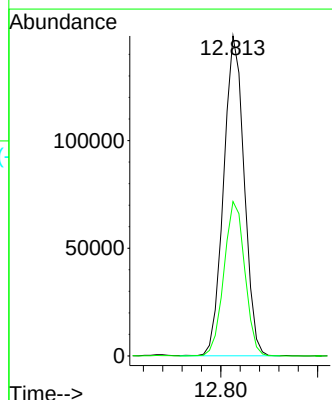
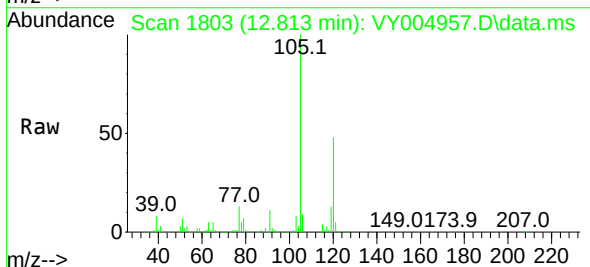
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

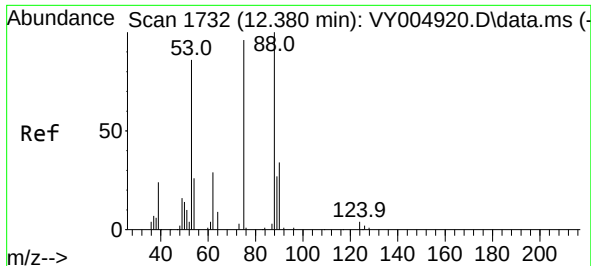
Tgt Ion: 91 Resp: 178083  
Ion Ratio Lower Upper  
91 100  
126 34.4 16.8 50.3



#80  
1,3,5-Trimethylbenzene  
Concen: 20.350 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 105 Resp: 218656  
Ion Ratio Lower Upper  
105 100  
120 49.0 24.5 73.5

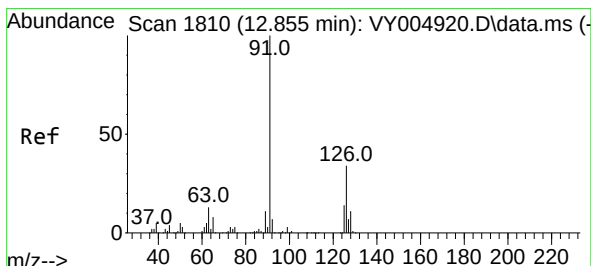
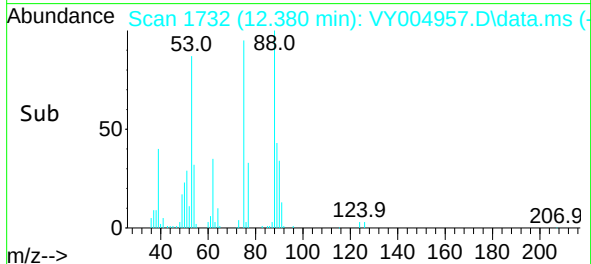
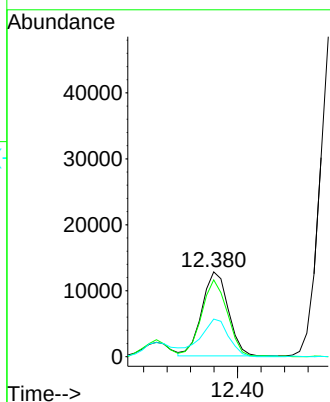
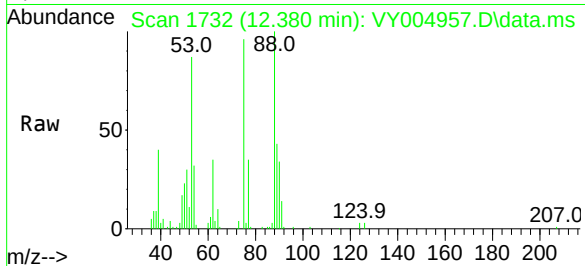




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.285 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

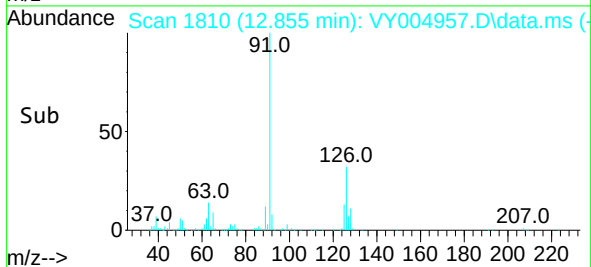
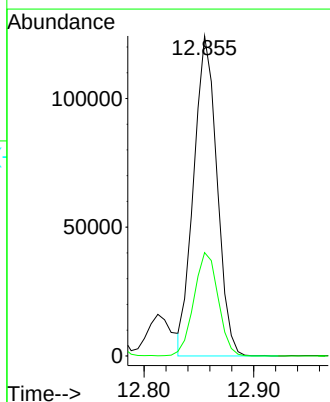
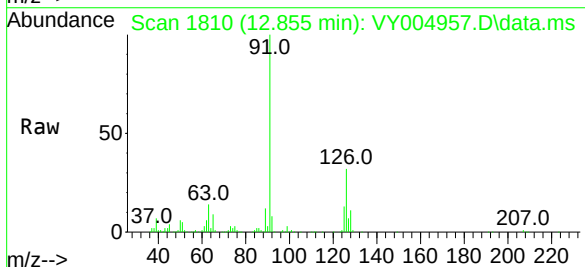
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

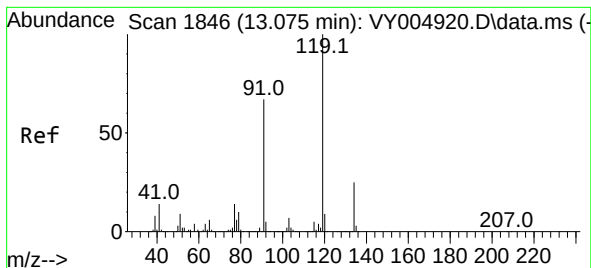
Tgt Ion: 75 Resp: 19833  
Ion Ratio Lower Upper  
75 100  
53 90.8 69.3 103.9  
89 48.8 35.0 52.6



#82  
4-Chlorotoluene  
Concen: 20.513 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 91 Resp: 183452  
Ion Ratio Lower Upper  
91 100  
126 33.7 17.0 50.9

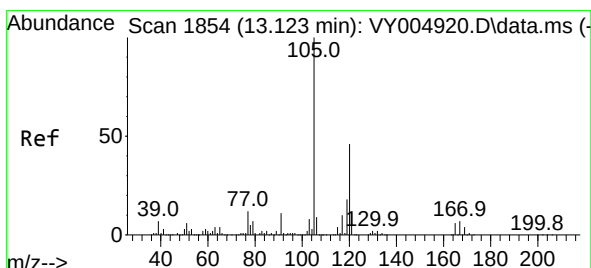
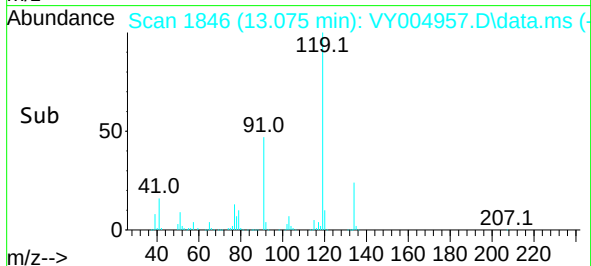
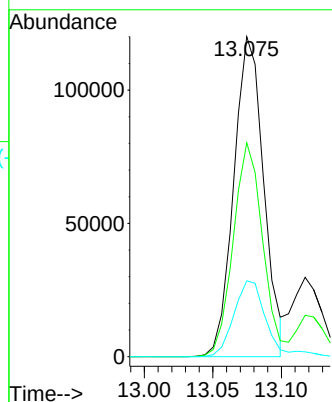
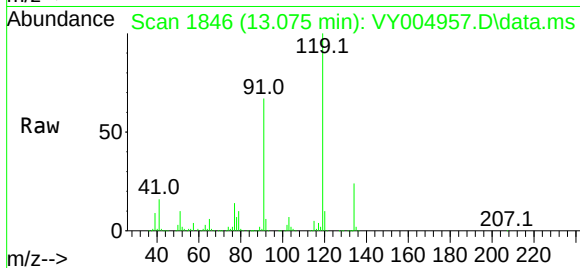




#83  
tert-Butylbenzene  
Concen: 20.062 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

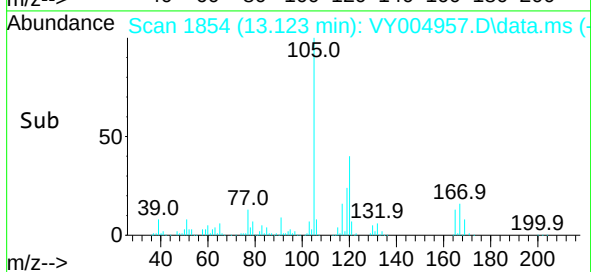
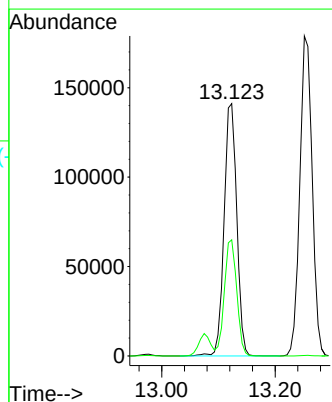
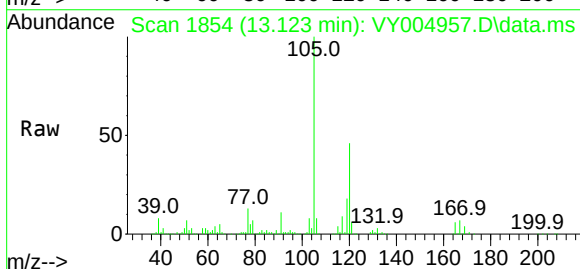
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

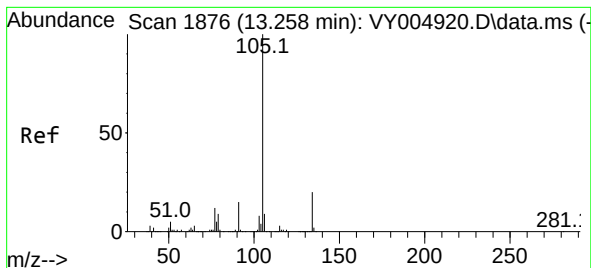
Tgt Ion:119 Resp: 182339  
Ion Ratio Lower Upper  
119 100  
91 66.3 32.3 96.9  
134 25.7 12.7 38.1



#84  
1,2,4-Trimethylbenzene  
Concen: 20.531 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion:105 Resp: 219230  
Ion Ratio Lower Upper  
105 100  
120 44.9 22.6 67.7

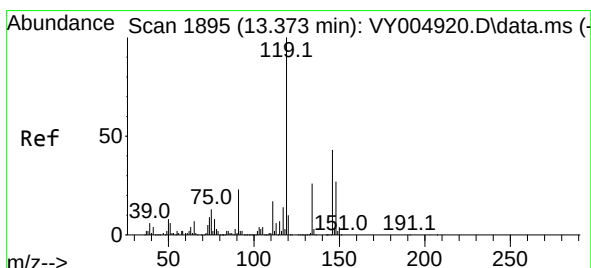
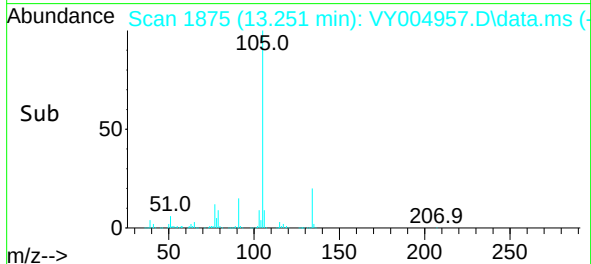
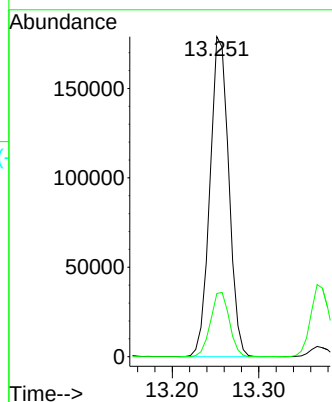
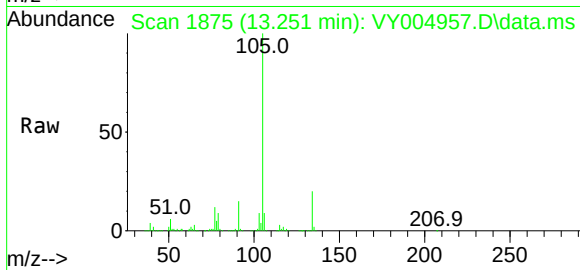




#85  
 sec-Butylbenzene  
 Concen: 20.434 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.006 min  
 Lab File: VY004957.D  
 Acq: 04 Jun 2021 12:24

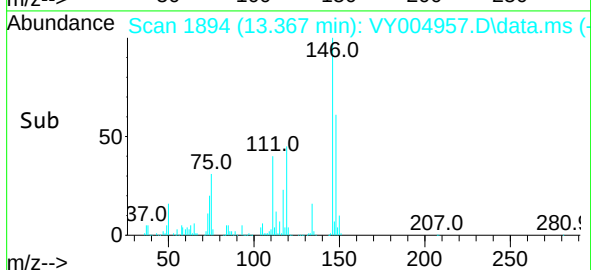
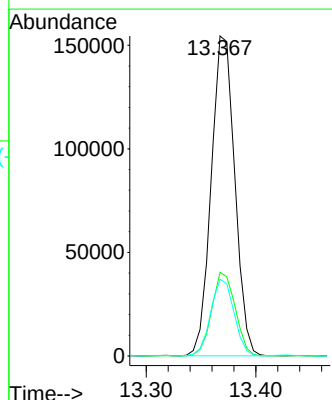
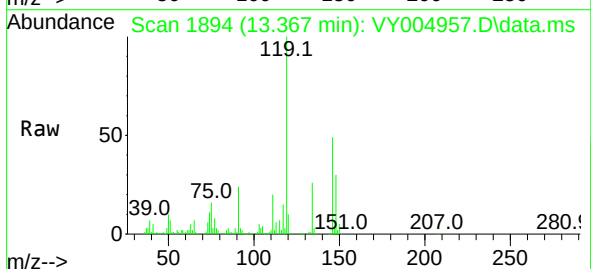
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0604SBSD01

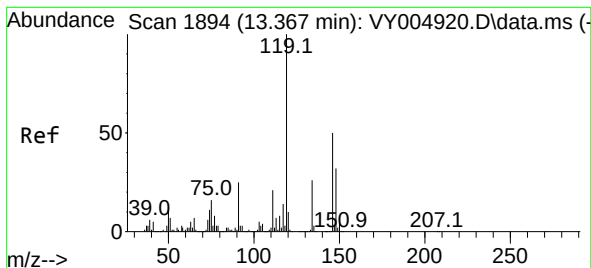
Tgt Ion:105 Resp: 270382  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 9.9 29.7



#86  
 p-Isopropyltoluene  
 Concen: 20.319 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.006 min  
 Lab File: VY004957.D  
 Acq: 04 Jun 2021 12:24

Tgt Ion:119 Resp: 230631  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 12.9 38.7  
 91 23.7 11.9 35.5



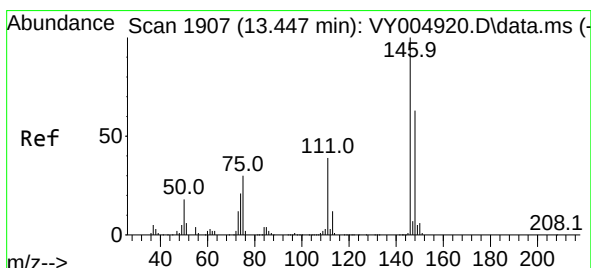
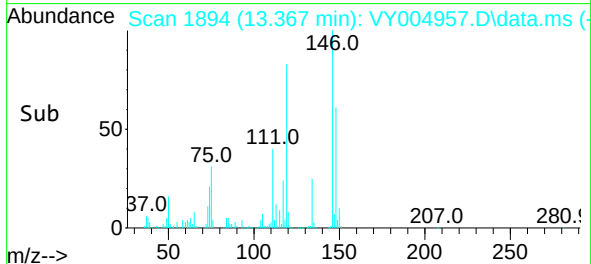
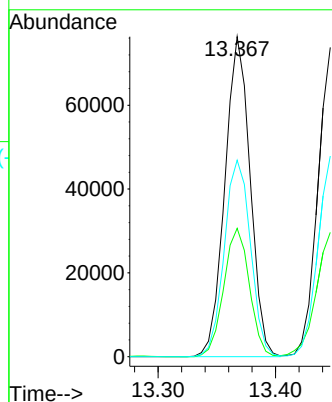
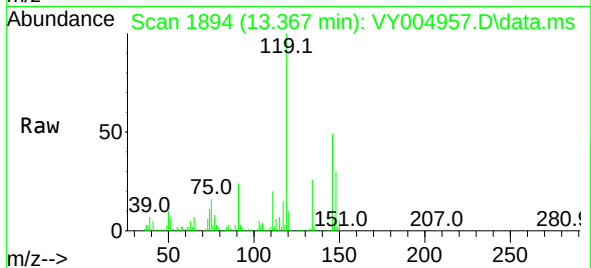


#87

1,3-Dichlorobenzene  
Concen: 20.579 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

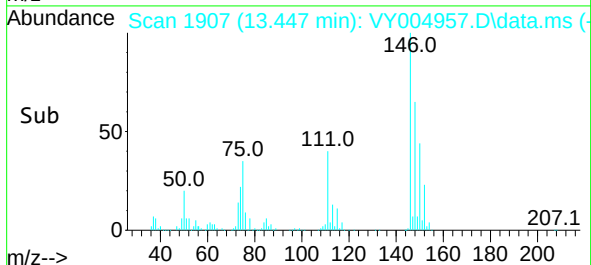
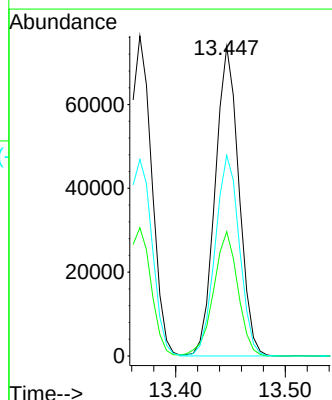
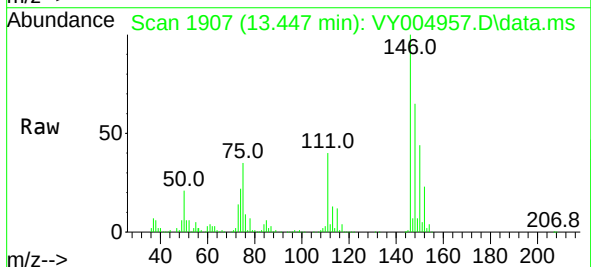
Tgt Ion:146 Resp: 114004  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.2 60.5  
148 64.0 31.6 94.8



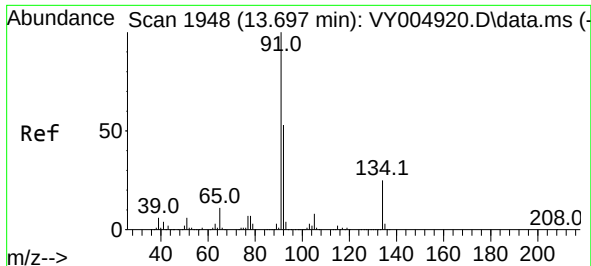
#88

1,4-Dichlorobenzene  
Concen: 20.108 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion:146 Resp: 111097  
Ion Ratio Lower Upper  
146 100  
111 41.2 20.0 60.0  
148 66.3 31.9 95.5



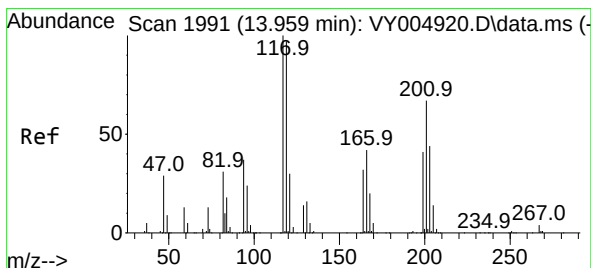
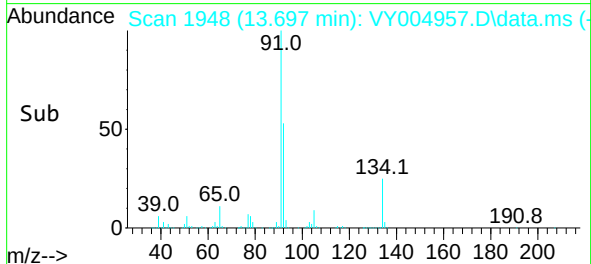
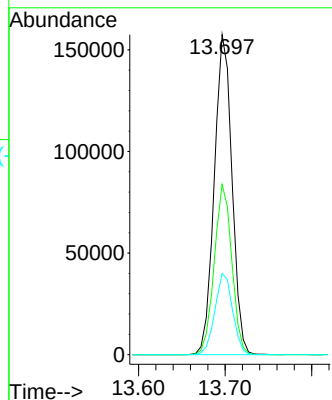
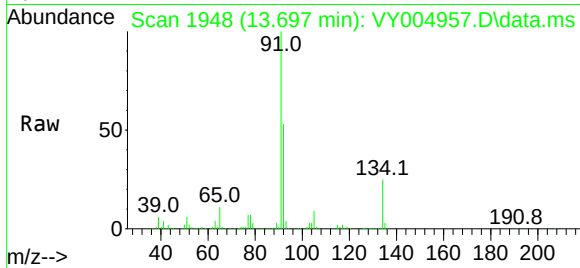




#89  
n-Butylbenzene  
Concen: 20.488 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

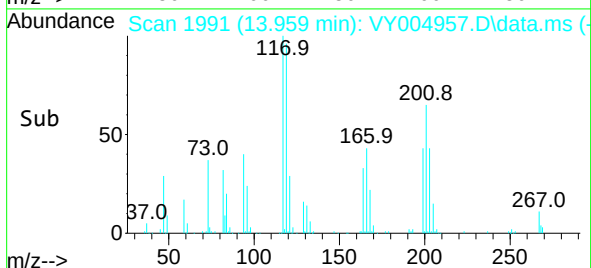
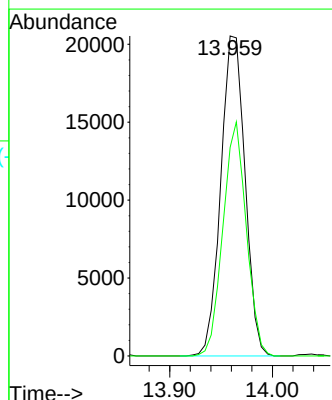
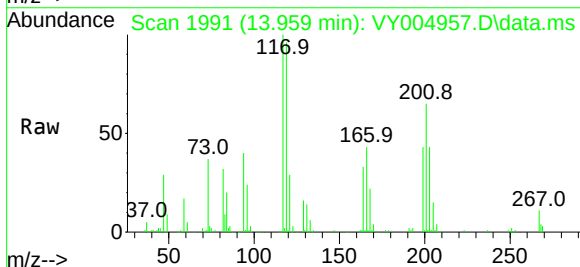
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

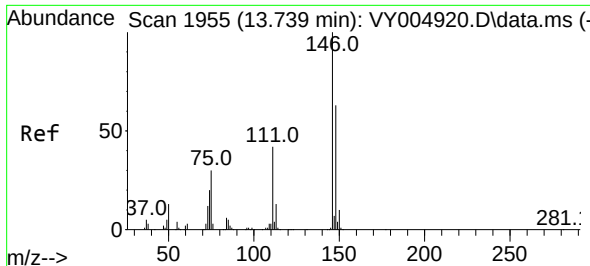
Tgt Ion: 91 Resp: 223670  
Ion Ratio Lower Upper  
91 100  
92 52.5 26.8 80.3  
134 25.4 13.0 38.9



#90  
Hexachloroethane  
Concen: 19.991 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 117 Resp: 33679  
Ion Ratio Lower Upper  
117 100  
201 70.3 35.9 107.5

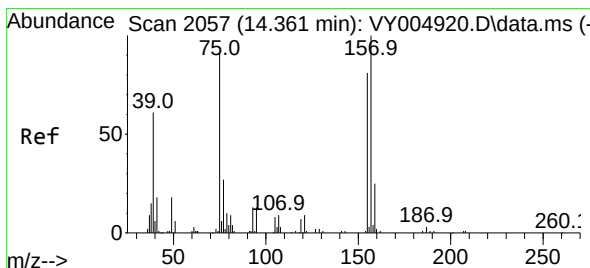
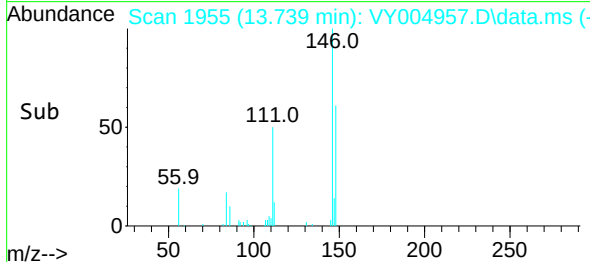
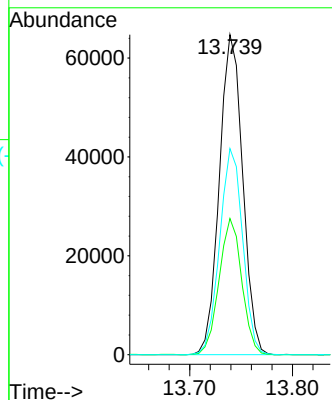
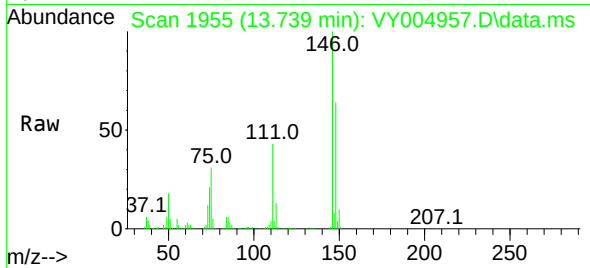




#91  
1,2-Dichlorobenzene  
Concen: 20.821 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

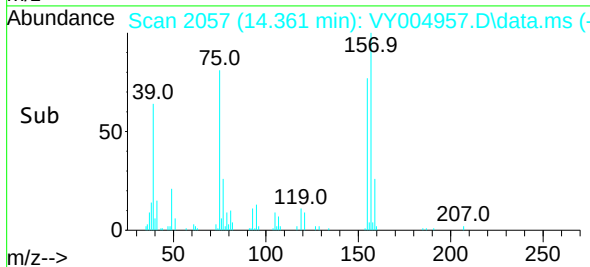
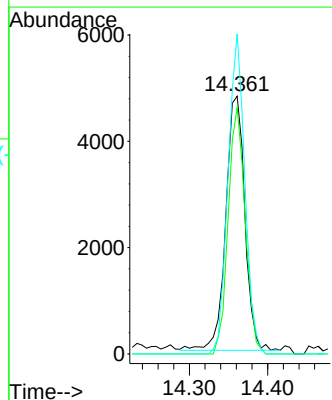
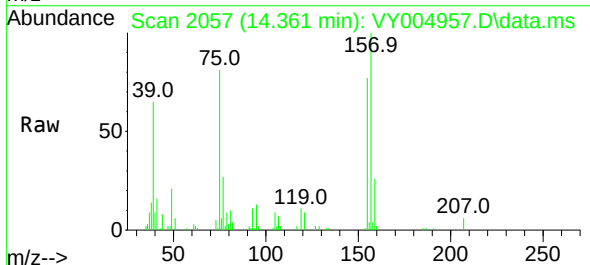
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

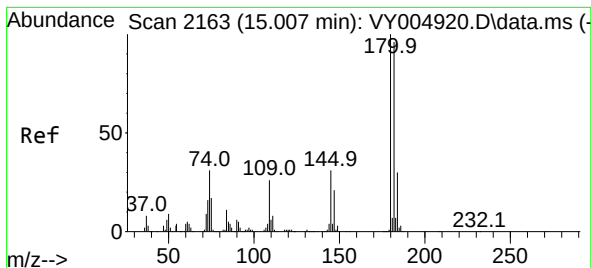
Tgt Ion:146 Resp: 101911  
Ion Ratio Lower Upper  
146 100  
111 41.3 20.9 62.8  
148 63.5 31.9 95.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.713 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion: 75 Resp: 8101  
Ion Ratio Lower Upper  
75 100  
155 86.3 42.9 128.5  
157 111.0 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 19.852 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY004957.D

Acq: 04 Jun 2021 12:24

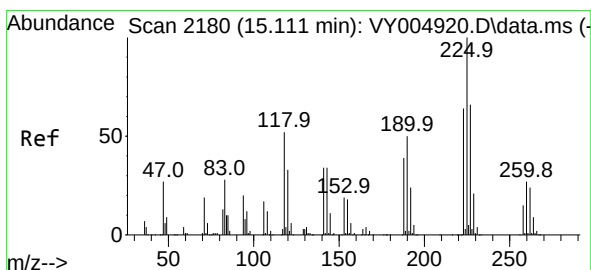
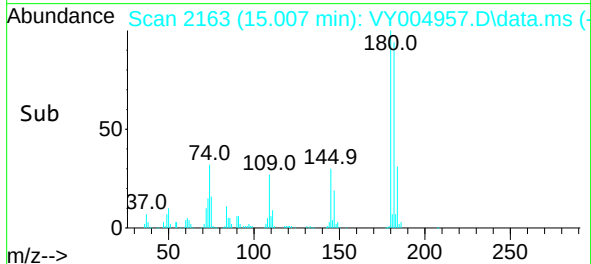
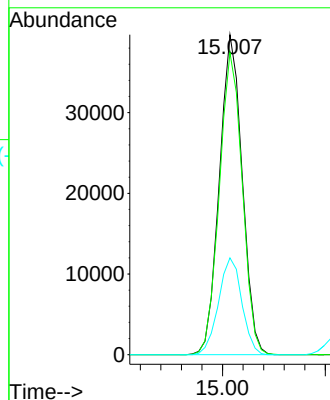
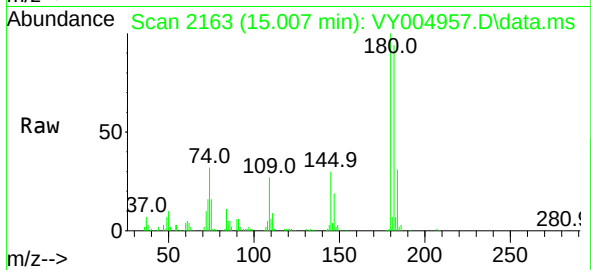
Tgt Ion:180 Resp: 61023

Ion Ratio Lower Upper

180 100

182 94.8 47.2 141.6

145 30.9 15.4 46.4



#94

Hexachlorobutadiene

Concen: 20.316 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY004957.D

Acq: 04 Jun 2021 12:24

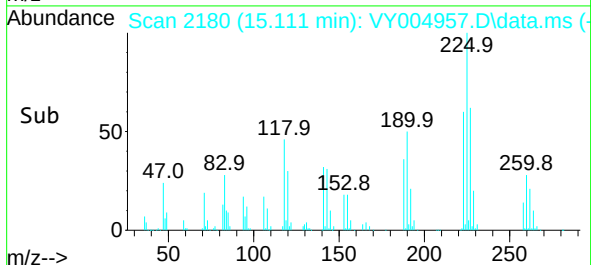
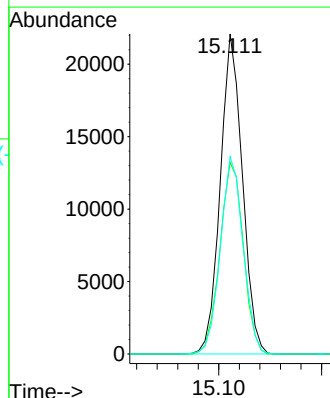
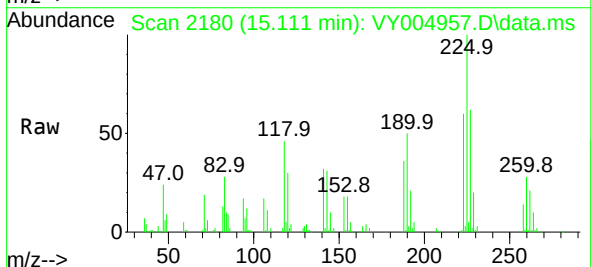
Tgt Ion:225 Resp: 32947

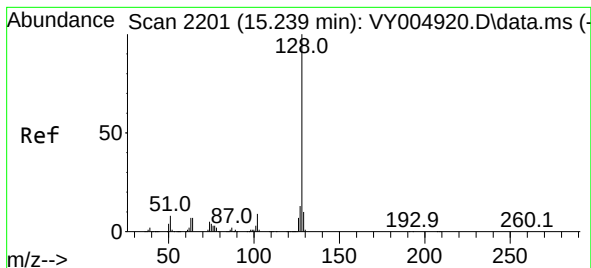
Ion Ratio Lower Upper

225 100

223 63.4 31.3 93.9

227 63.3 32.0 96.2

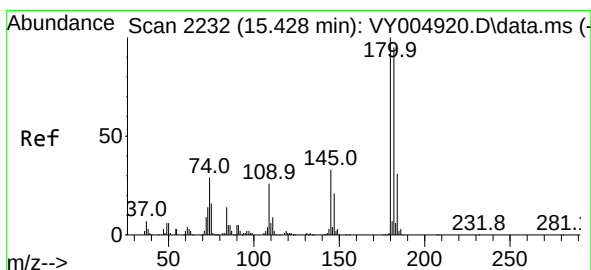
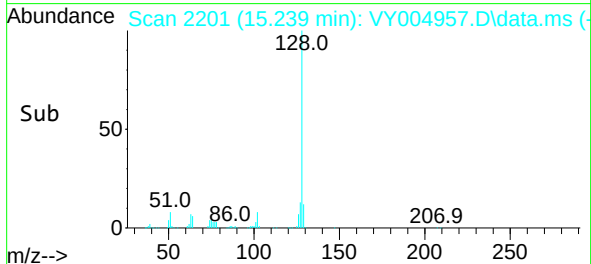
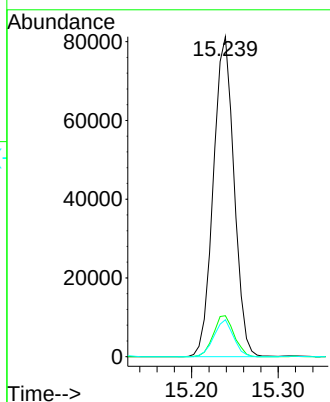
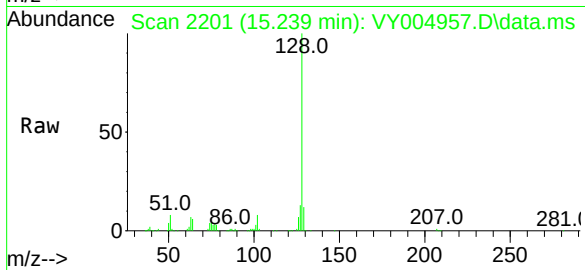




#95  
Naphthalene  
Concen: 19.955 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0604SBSD01

Tgt Ion:128 Resp: 134850  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.2  
129 10.9 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 19.800 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY004957.D  
Acq: 04 Jun 2021 12:24

Tgt Ion:180 Resp: 53581  
Ion Ratio Lower Upper  
180 100  
182 95.5 47.0 141.2  
145 32.7 16.8 50.3

