

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082021\  
 Data File : VY005787.D  
 Acq On : 20 Aug 2021 12:42  
 Operator : SY/MD  
 Sample : VY0820SBS01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0820SBS01

Manual Integrations  
 APPROVED

SAM  
 8/23/2021 11:05:31 AM

Quant Time: Aug 23 01:06:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.795  | 168   | 201574   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697  | 114   | 295912   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.489 | 117   | 270051   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 146832   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.149  | 65    | 102788   | 50.376   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 100.760% |          |
| 35) Dibromofluoromethane     | 7.722  | 113   | 84676    | 51.110   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 102.220% |          |
| 50) Toluene-d8               | 10.185 | 98    | 345164   | 49.676   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | = 99.360%  |          |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 116898   | 50.805   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | = 101.620% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.906  | 85    | 43538    | 26.298   | ug/l       | 99       |
| 3) Chloromethane             | 2.119  | 50    | 49764    | 25.163   | ug/l       | 99       |
| 4) Vinyl Chloride            | 2.259  | 62    | 65072    | 27.471   | ug/l       | 98       |
| 5) Bromomethane              | 2.650  | 94    | 43725    | 28.044   | ug/l       | 99       |
| 6) Chloroethane              | 2.796  | 64    | 41595    | 29.091   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 3.131  | 101   | 83243    | 26.247   | ug/l       | 98       |
| 8) Diethyl Ether             | 3.534  | 74    | 27976    | 25.256   | ug/l       | 92       |
| 9) 1,1,2-Trichlorotrifluo... | 3.905  | 101   | 47211    | 27.443   | ug/l       | 99       |
| 10) Methyl Iodide            | 4.101  | 142   | 51959    | 24.243   | ug/l       | 98       |
| 11) Tert butyl alcohol       | 4.972  | 59    | 23305    | 115.537  | ug/l       | 99       |
| 12) 1,1-Dichloroethene       | 3.881  | 96    | 46388    | 26.703   | ug/l       | 95       |
| 13) Acrolein                 | 3.735  | 56    | 10810    | 88.825   | ug/l       | 98       |
| 14) Allyl chloride           | 4.485  | 41    | 80750    | 26.540   | ug/l       | 100      |
| 15) Acrylonitrile            | 5.173  | 53    | 72153    | 127.099  | ug/l       | 99       |
| 16) Acetone                  | 3.954  | 43    | 66841    | 129.929  | ug/l       | 100      |
| 17) Carbon Disulfide         | 4.204  | 76    | 138547   | 25.872   | ug/l       | 99       |
| 18) Methyl Acetate           | 4.485  | 43    | 34274    | 25.474   | ug/l       | 99       |
| 19) Methyl tert-butyl Ether  | 5.234  | 73    | 137479   | 25.546   | ug/l       | 100      |
| 20) Methylene Chloride       | 4.722  | 84    | 63290    | 28.421   | ug/l       | 96       |
| 21) trans-1,2-Dichloroethene | 5.228  | 96    | 51163    | 26.343   | ug/l       | 92       |
| 22) Diisopropyl ether        | 6.125  | 45    | 150044   | 23.904   | ug/l       | 97       |
| 23) Vinyl Acetate            | 6.070  | 43    | 487888   | 116.795  | ug/l       | 98       |
| 24) 1,1-Dichloroethane       | 6.027  | 63    | 94479    | 27.160   | ug/l       | 99       |
| 25) 2-Butanone               | 6.996  | 43    | 81881    | 107.675  | ug/l       | 99       |
| 26) 2,2-Dichloropropane      | 6.984  | 77    | 75779    | 23.843   | ug/l       | 99       |
| 27) cis-1,2-Dichloroethene   | 6.990  | 96    | 49690    | 22.495   | ug/l       | 96       |
| 28) Bromochloromethane       | 7.344  | 49    | 37119    | 26.735   | ug/l       | 98       |
| 29) Tetrahydrofuran          | 7.356  | 42    | 52695    | 104.767  | ug/l       | 100      |
| 30) Chloroform               | 7.515  | 83    | 83324    | 23.468   | ug/l       | 99       |
| 31) Cyclohexane              | 7.789  | 56    | 78660    | 22.475   | ug/l       | 98       |
| 32) 1,1,1-Trichloroethane    | 7.710  | 97    | 77399    | 23.714   | ug/l       | 99       |
| 36) 1,1-Dichloropropene      | 7.923  | 75    | 64431    | 23.215   | ug/l       | 100      |
| 37) Ethyl Acetate            | 7.082  | 43    | 36212    | 21.537   | ug/l       | 99       |
| 38) Carbon Tetrachloride     | 7.905  | 117   | 70225    | 23.280   | ug/l       | 97       |
| 39) Methylcyclohexane        | 9.185  | 83    | 77676    | 21.998   | ug/l       | 99       |
| 40) Benzene                  | 8.167  | 78    | 183408   | 23.076   | ug/l       | 99       |

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 Sample : VY0820SBS01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0820SBS01

Manual Integrations  
 APPROVED

SAM  
 8/23/2021 11:05:31 AM

Quant Time: Aug 23 01:06:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.326  | 41   | 24278m   | 26.612  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 60096    | 23.311  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 68662    | 21.569  | ug/l   | 100      |
| 44) Trichloroethene           | 8.941  | 130  | 49883    | 22.996  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 46696    | 23.485  | ug/l   | 98       |
| 46) Dibromomethane            | 9.313  | 93   | 24461    | 22.249  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.502  | 83   | 63703    | 23.151  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.295  | 41   | 31482    | 21.883  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 6322     | 413.751 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 183123   | 109.234 | ug/l   | 99       |
| 52) Toluene                   | 10.246 | 92   | 116275   | 22.944  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 68918    | 22.412  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 76885    | 23.039  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 35662    | 22.418  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 52108    | 21.876  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 63056    | 22.478  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 123273   | 108.310 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.837 | 43   | 127842   | 107.894 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.983 | 129  | 45122    | 22.920  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 33248    | 22.064  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 50837    | 24.731  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.520 | 112  | 125741   | 23.138  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 47175    | 23.065  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 225660   | 22.900  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 178831   | 46.724  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 84252    | 22.903  | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 142538   | 23.020  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 29937    | 22.570  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 225906   | 22.041  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 64003    | 20.745  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 41163    | 20.881  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 34391m   | 22.602  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 54567    | 21.670  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.672 | 91   | 274187   | 22.524  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 151127   | 22.109  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 190339   | 22.377  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 15756    | 20.874  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 158249   | 22.375  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.075 | 119  | 166266   | 21.784  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 186354   | 22.204  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 248426   | 22.566  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 211303   | 22.356  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 109930   | 22.373  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 108949   | 22.352  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 194206   | 22.680  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.958 | 117  | 38481    | 22.645  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 96394    | 22.211  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 7717     | 20.650  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 65933    | 22.116  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 44037    | 22.813  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 122437   | 20.834  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 58276    | 22.064  | ug/l   | 100      |

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Sample : VY0820SBS01  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

Manual Integrations  
APPROVED

SAM  
8/23/2021 11:05:31 AM

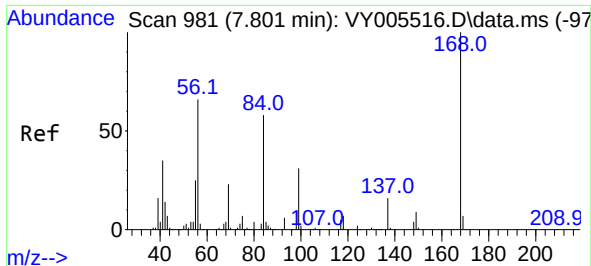
Quant Time: Aug 23 01:06:19 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 03 04:52:05 2021  
Response via : Initial Calibration

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

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





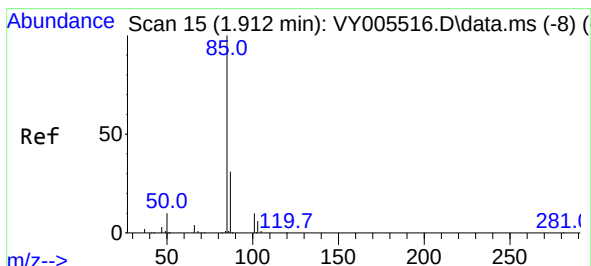
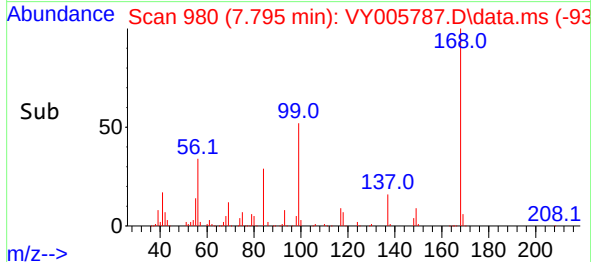
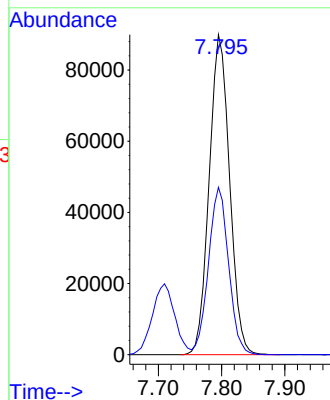
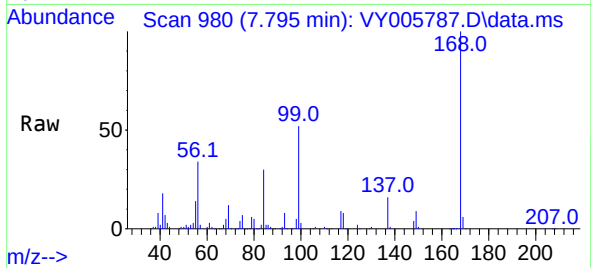
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion:168 Resp: 201574  
Ion Ratio Lower Upper  
168 100  
99 52.3 38.9 58.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

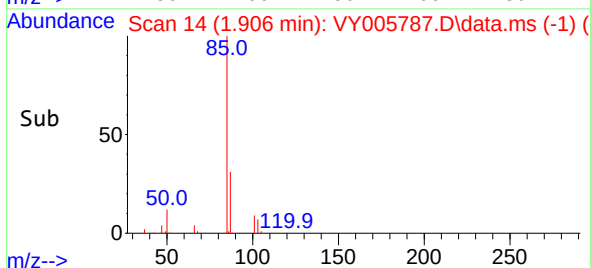
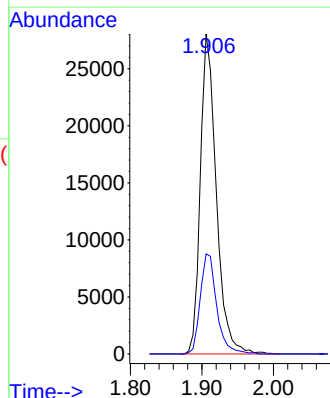
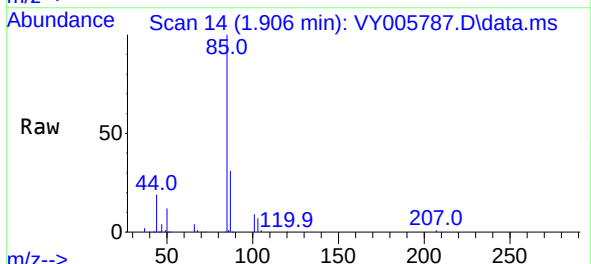
Manual Integrations  
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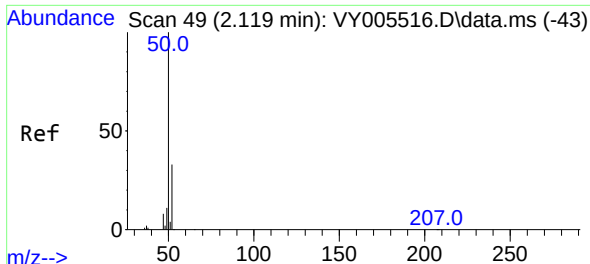
SAM  
8/23/2021 11:05:31 AM



#2  
Dichlorodifluoromethane  
Concen: 26.298 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 85 Resp: 43538  
Ion Ratio Lower Upper  
85 100  
87 31.3 15.4 46.2





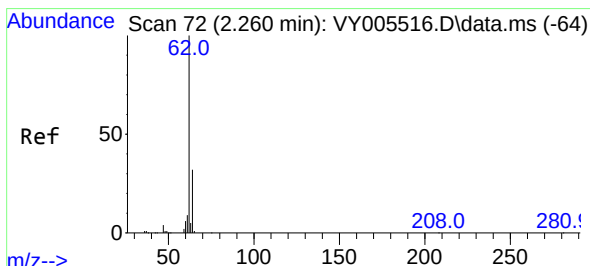
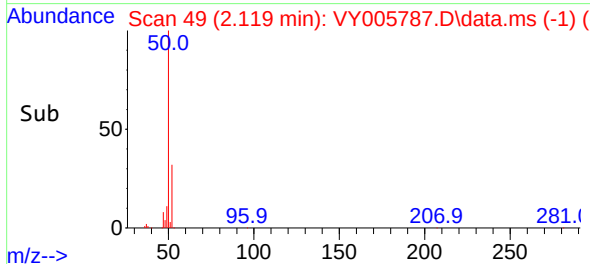
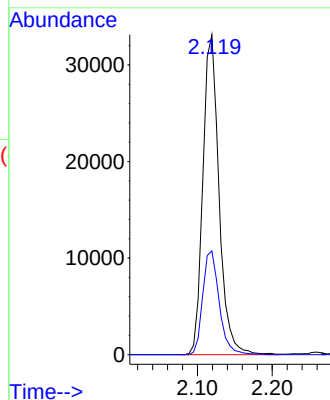
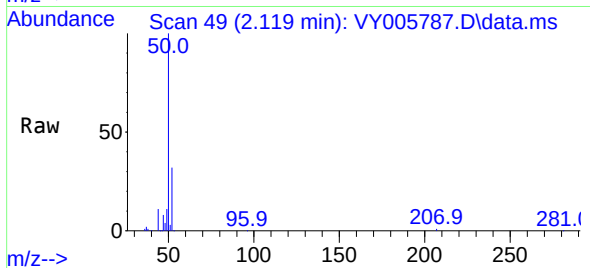
#3  
Chloromethane  
Concen: 25.163 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 50 Resp: 49764  
Ion Ratio Lower Upper  
50 100  
52 32.4 26.4 39.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

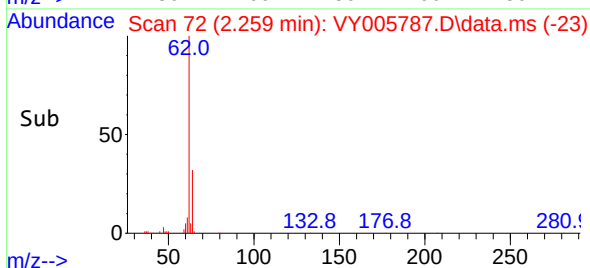
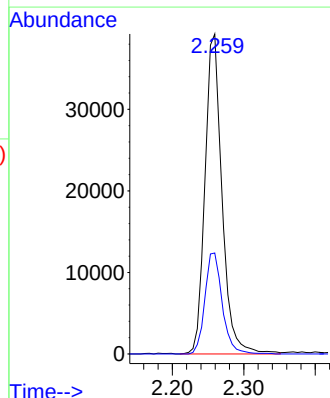
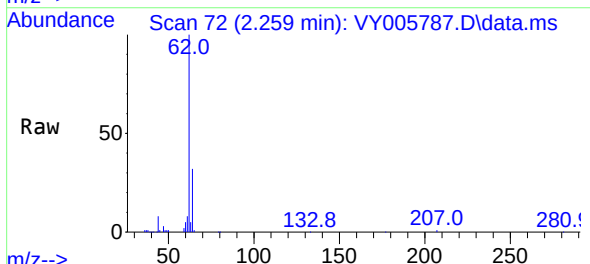
Manual Integrations  
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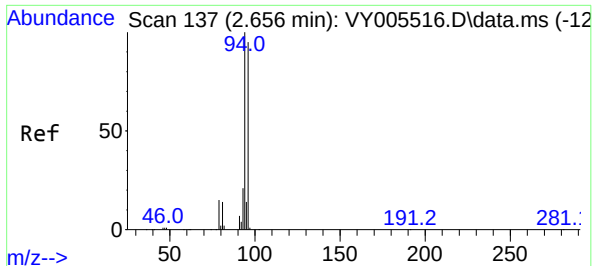
SAM  
8/23/2021 11:05:31 AM



#4  
Vinyl Chloride  
Concen: 27.471 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 62 Resp: 65072  
Ion Ratio Lower Upper  
62 100  
64 31.5 25.9 38.9





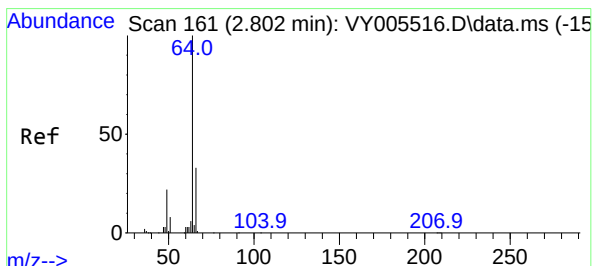
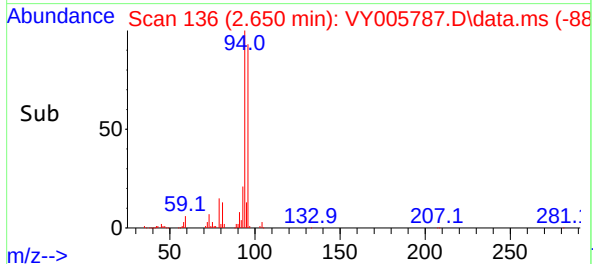
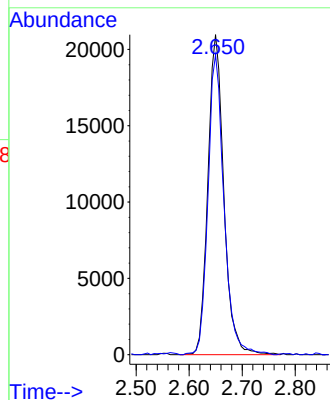
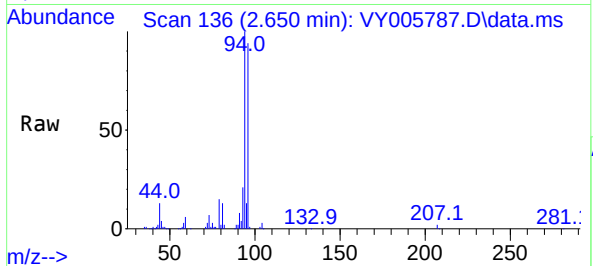
#5  
Bromomethane  
Concen: 28.044 ug/l  
RT: 2.650 min Scan# 136  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 94 Resp: 43725  
Ion Ratio Lower Upper  
94 100  
96 93.7 75.7 113.5

Instrument :  
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VY0820SBS01

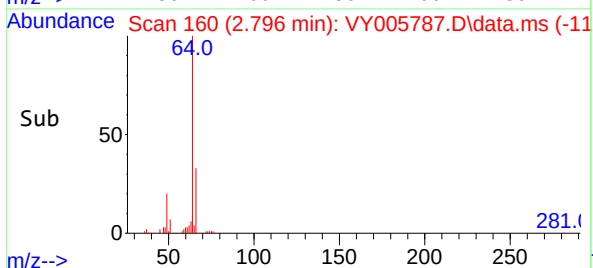
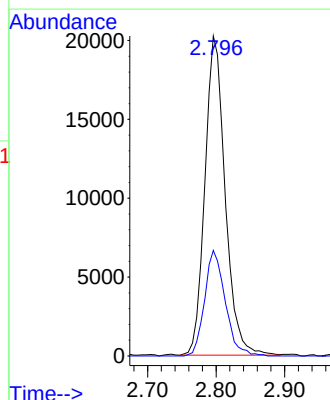
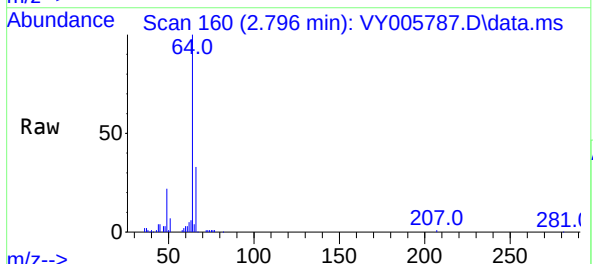
Manual Integrations  
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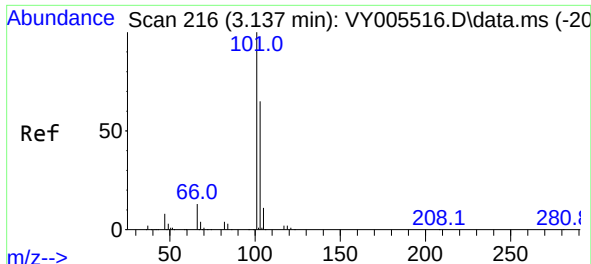
SAM  
8/23/2021 11:05:31 AM



#6  
Chloroethane  
Concen: 29.091 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 64 Resp: 41595  
Ion Ratio Lower Upper  
64 100  
66 33.0 26.1 39.1





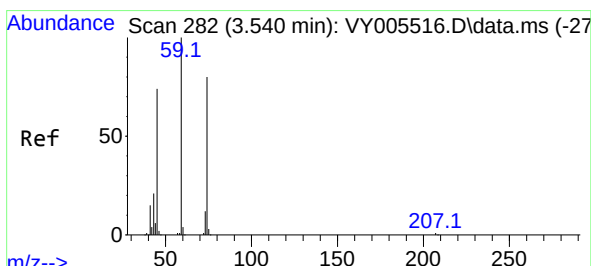
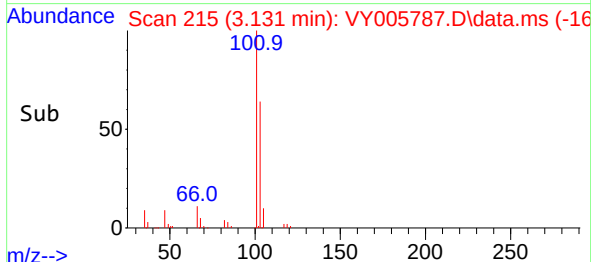
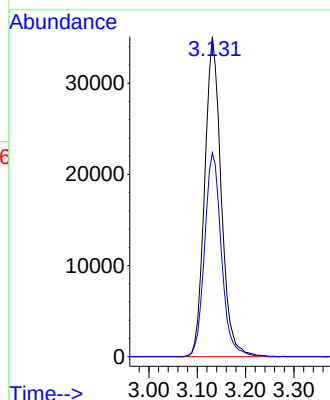
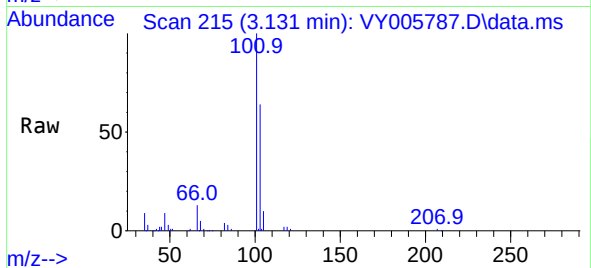
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Trichlorofluoromethane  
Concen: 26.247 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion:101 Resp: 83243  
Ion Ratio Lower Upper  
101 100  
103 63.7 52.2 78.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

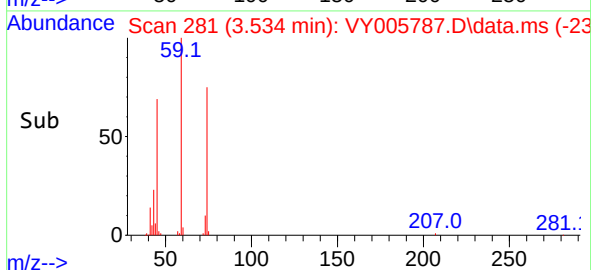
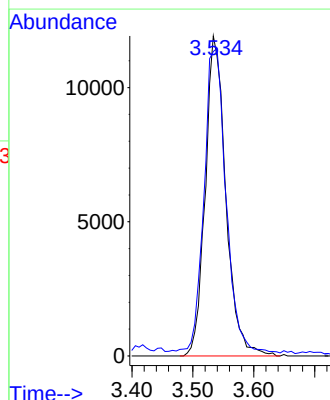
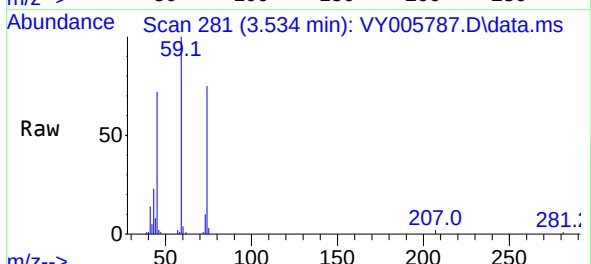
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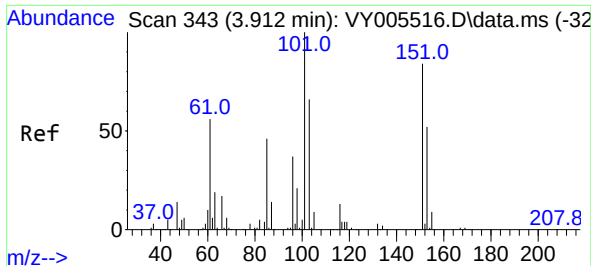


#8  
Diethyl Ether  
Concen: 25.256 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 74 Resp: 27976  
Ion Ratio Lower Upper  
74 100  
45 102.2 47.2 141.6







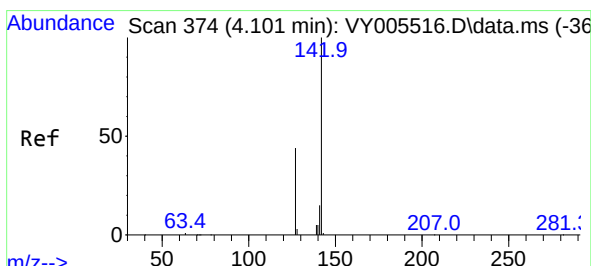
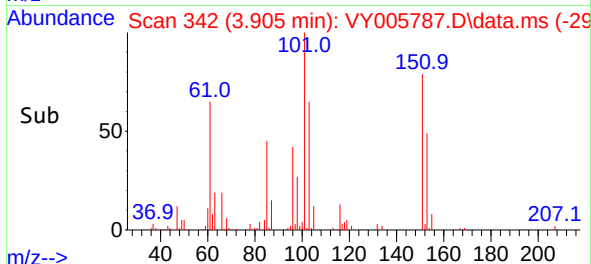
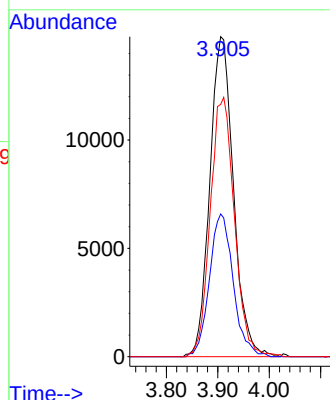
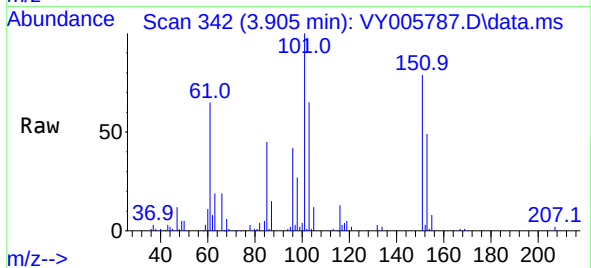
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 27.443 ug/l  
RT: 3.905 min Scan# 342  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

Tgt Ion:101 Resp: 47211  
Ion Ratio Lower Upper  
101 100  
85 44.9 36.3 54.5  
151 82.9 67.6 101.4

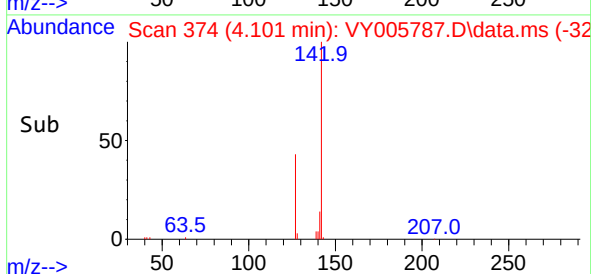
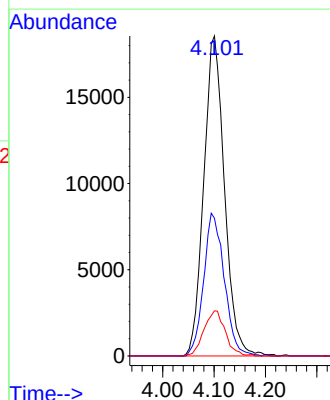
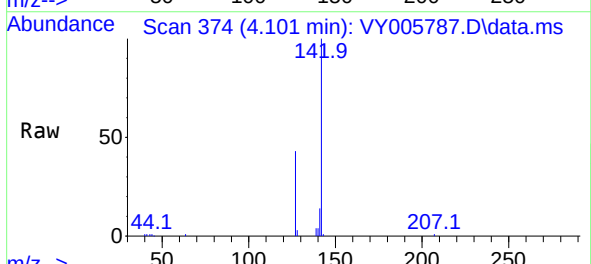
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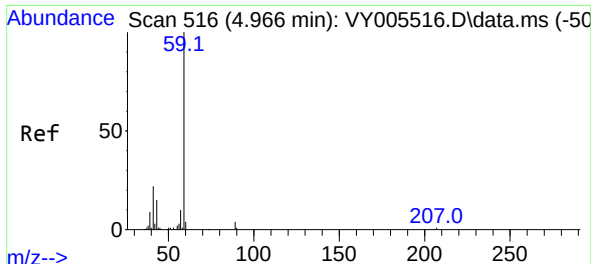
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#10  
Methyl Iodide  
Concen: 24.243 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion:142 Resp: 51959  
Ion Ratio Lower Upper  
142 100  
127 44.4 36.6 54.8  
141 14.6 12.2 18.4





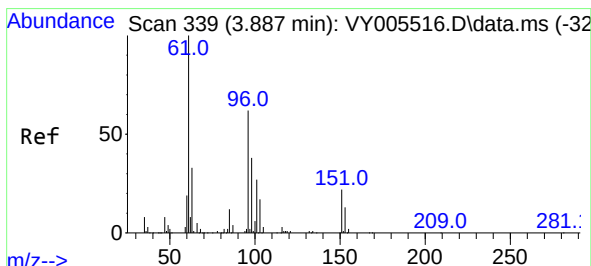
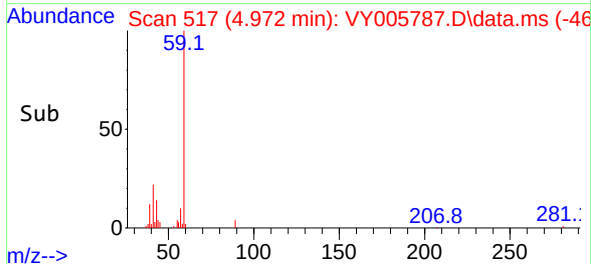
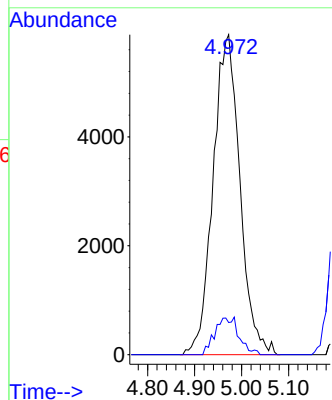
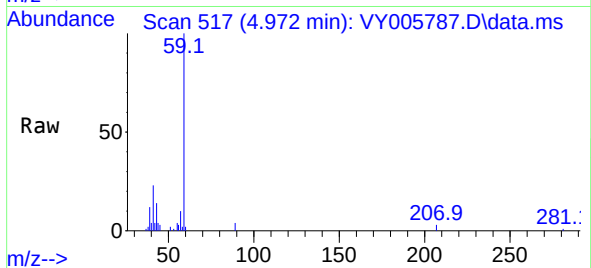
#11  
Tert butyl alcohol  
Concen: 115.537 ug/l  
RT: 4.972 min Scan# 517  
Delta R.T. 0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 59 Resp: 23305  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.0 12.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

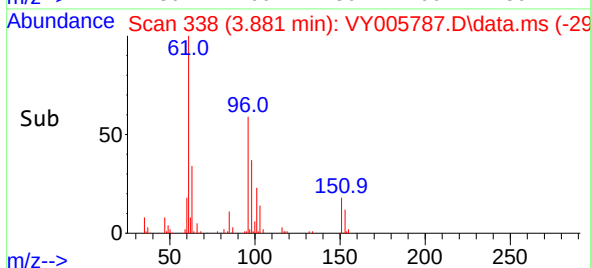
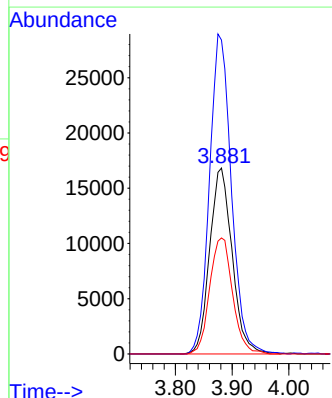
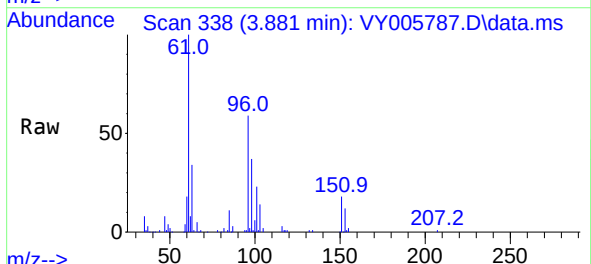
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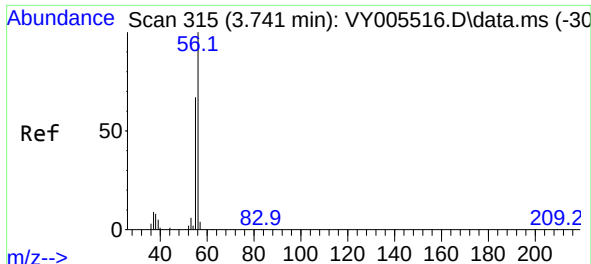
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#12  
1,1-Dichloroethene  
Concen: 26.703 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

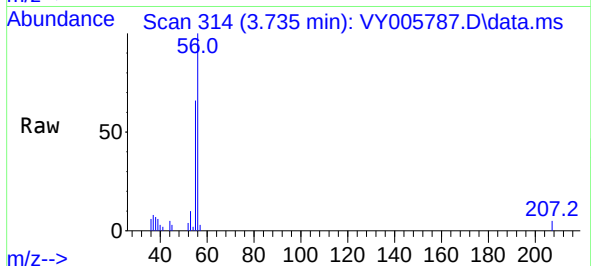
Tgt Ion: 96 Resp: 46388  
Ion Ratio Lower Upper  
96 100  
61 168.8 128.6 192.8  
98 62.3 49.2 73.8





#13  
Acrolein  
Concen: 88.825 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

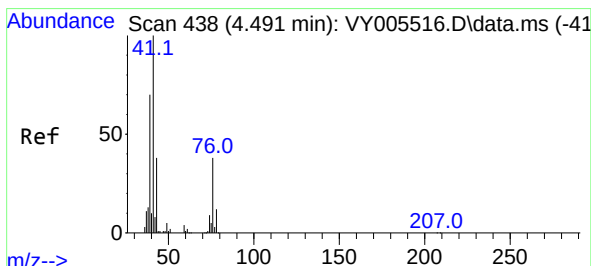
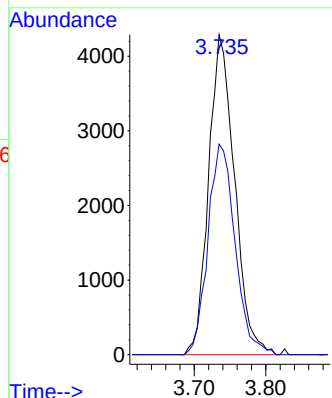
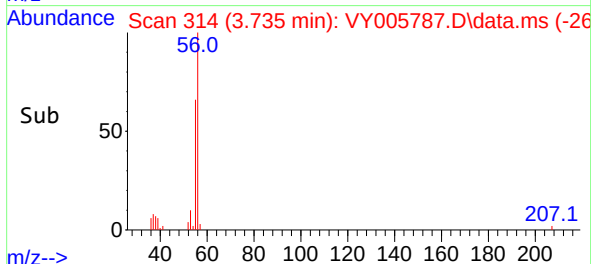
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



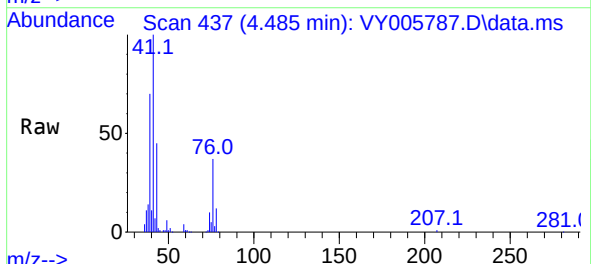
Tgt Ion: 56 Resp: 10810  
Ion Ratio Lower Upper  
56 100  
55 68.8 56.5 84.7

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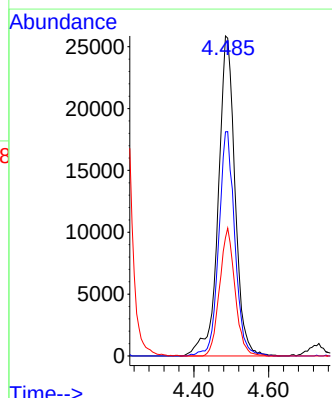
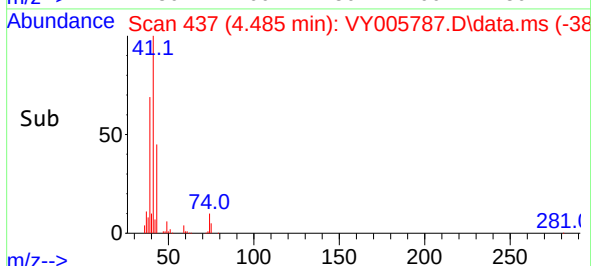
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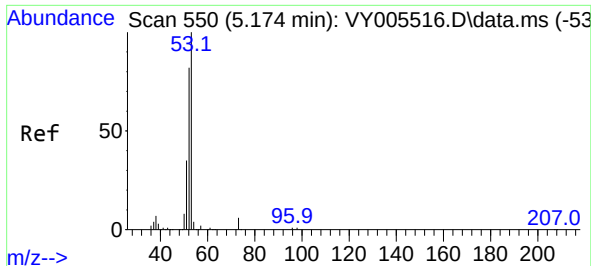


#14  
Allyl chloride  
Concen: 26.540 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42



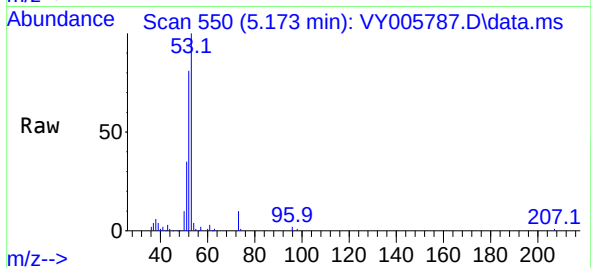
Tgt Ion: 41 Resp: 80750  
Ion Ratio Lower Upper  
41 100  
39 67.1 53.7 80.5  
76 36.7 28.7 43.1





#15  
Acrylonitrile  
Concen: 127.099 ug/l  
RT: 5.173 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

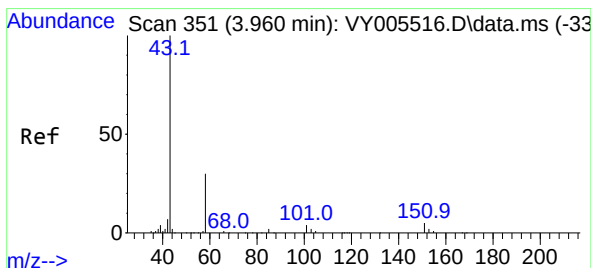
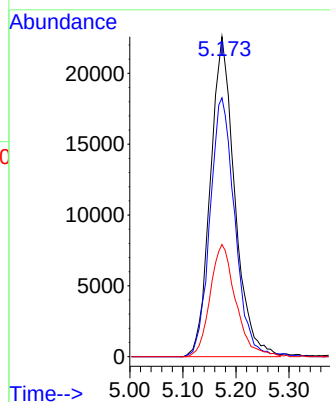
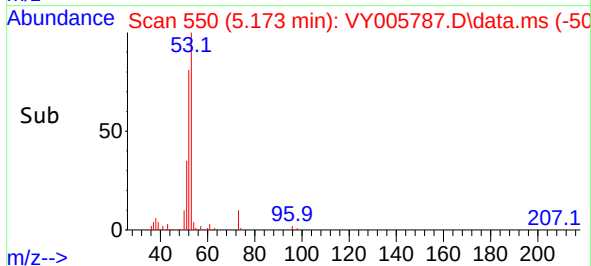
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



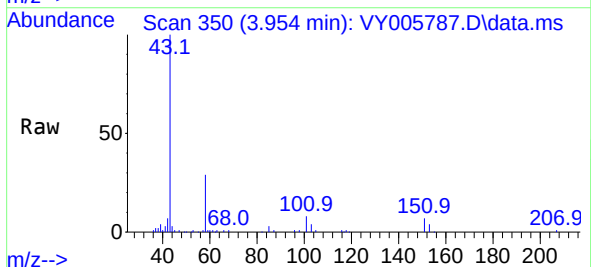
Tgt Ion: 53 Resp: 72153  
Ion Ratio Lower Upper  
53 100  
52 82.6 66.6 99.8  
51 36.8 29.9 44.9

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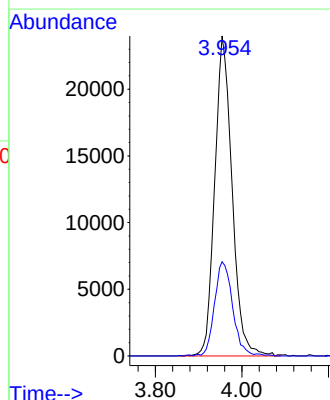
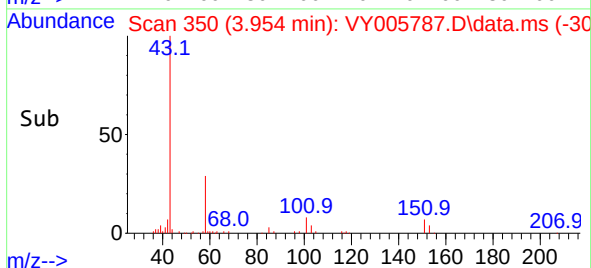
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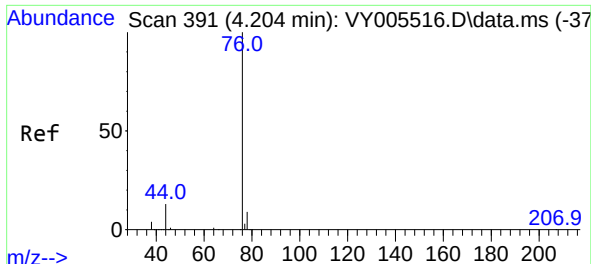


#16  
Acetone  
Concen: 129.929 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42



Tgt Ion: 43 Resp: 66841  
Ion Ratio Lower Upper  
43 100  
58 29.5 23.8 35.6



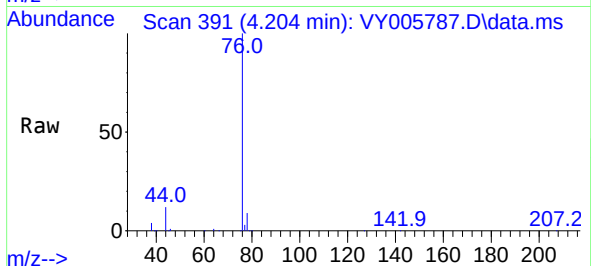


#17  
Carbon Disulfide  
Concen: 25.872 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

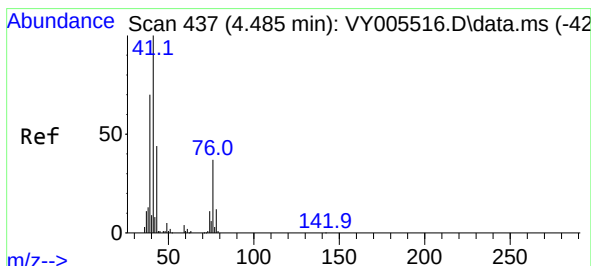
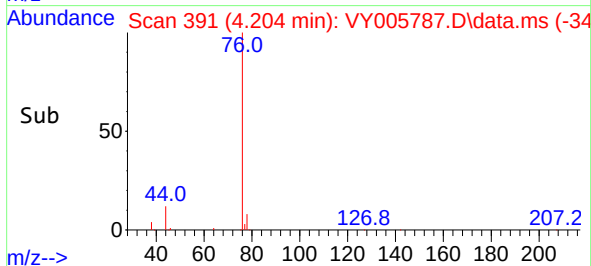
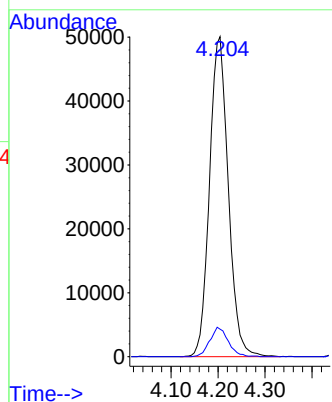
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

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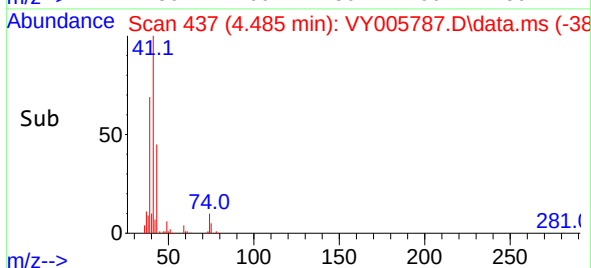
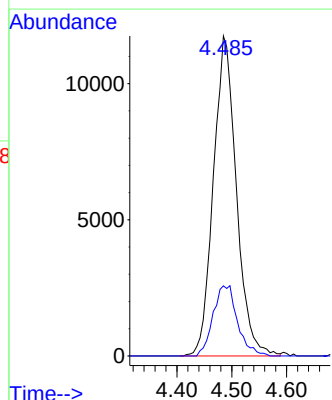
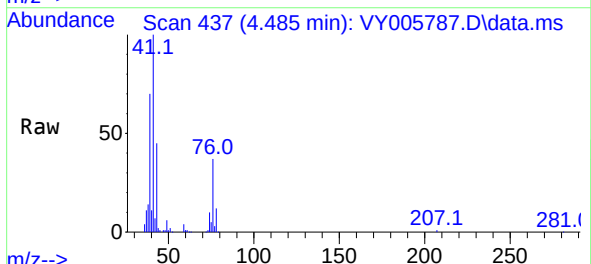


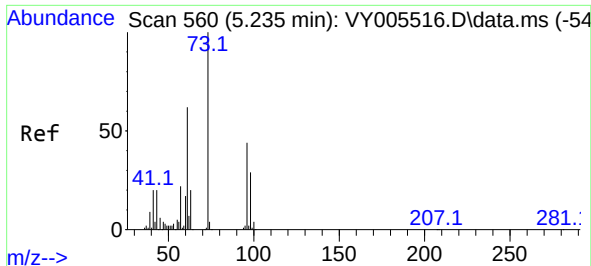
Tgt Ion: 76 Resp: 138547  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.0 10.6



#18  
Methyl Acetate  
Concen: 25.474 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 43 Resp: 34274  
Ion Ratio Lower Upper  
43 100  
74 23.3 19.0 28.6





#19

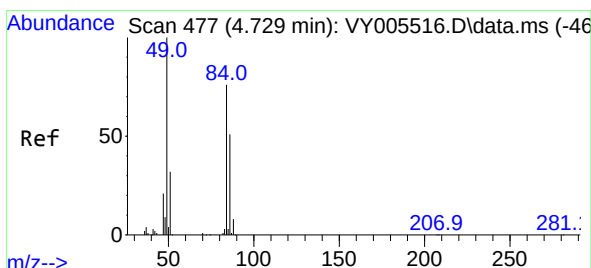
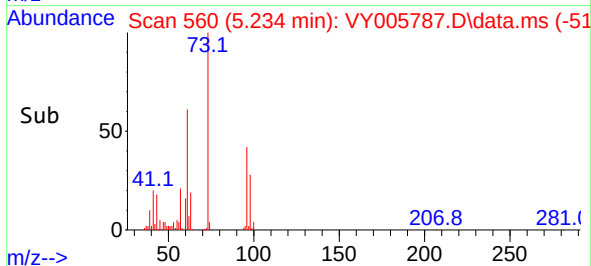
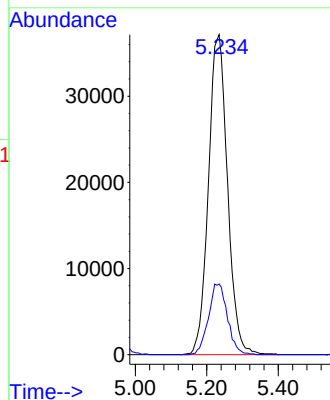
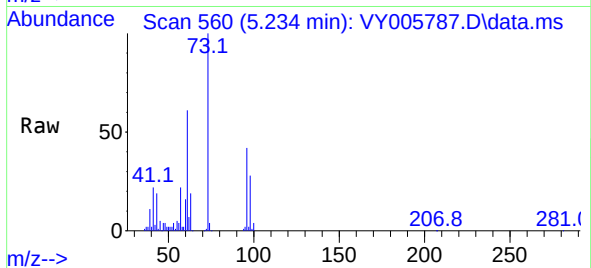
Methyl tert-butyl Ether  
Concen: 25.546 ug/l  
RT: 5.234 min Scan# 560  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 73 Resp: 137479  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.7 26.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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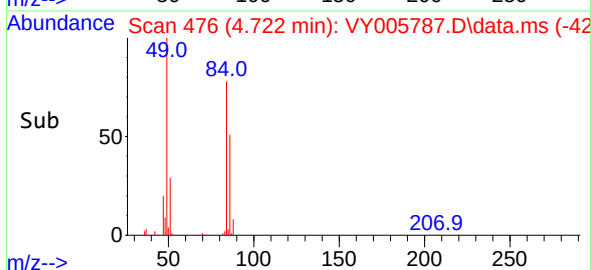
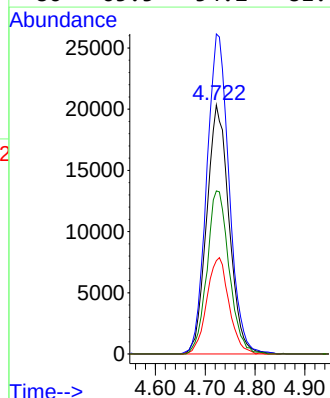
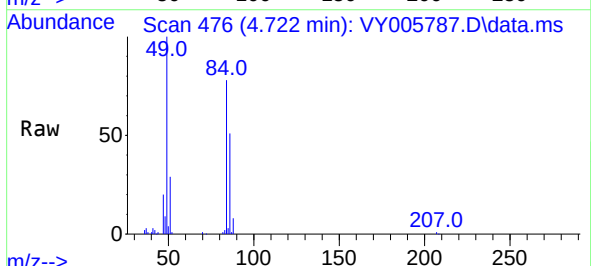
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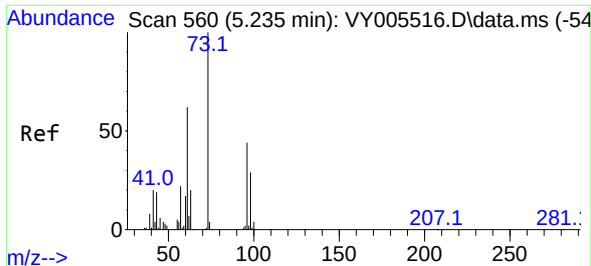


#20

Methylene Chloride  
Concen: 28.421 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. -0.007 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

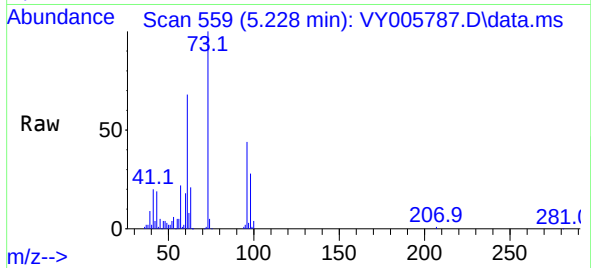
Tgt Ion: 84 Resp: 63290  
Ion Ratio Lower Upper  
84 100  
49 128.5 105.8 158.6  
51 37.5 33.4 50.2  
86 65.5 54.2 81.4





#21  
trans-1,2-Dichloroethene  
Concen: 26.343 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

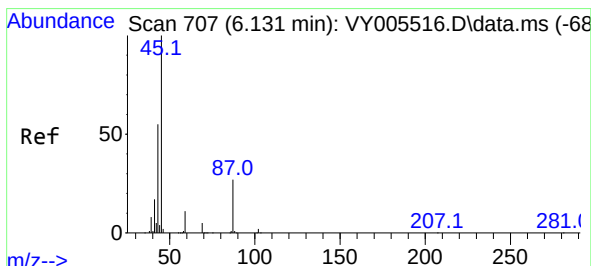
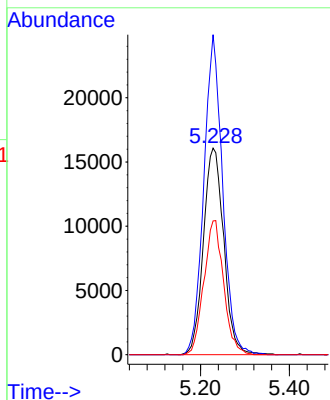
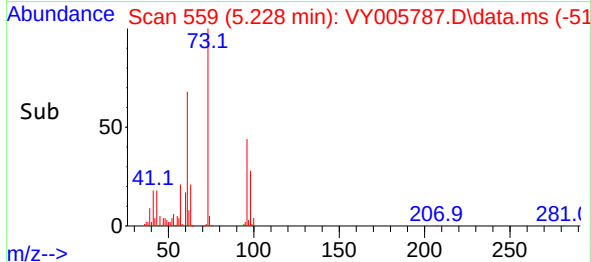
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



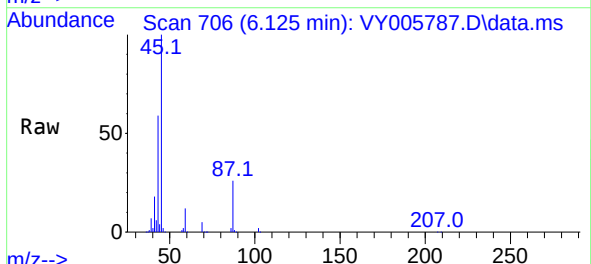
Tgt Ion: 96 Resp: 51163  
Ion Ratio Lower Upper  
96 100  
61 154.9 112.6 168.8  
98 64.7 52.2 78.4

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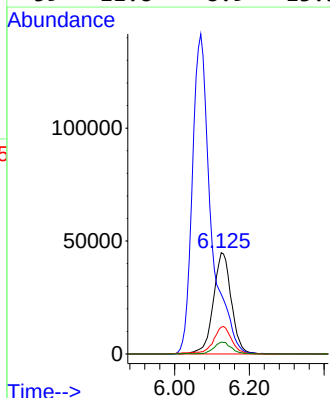
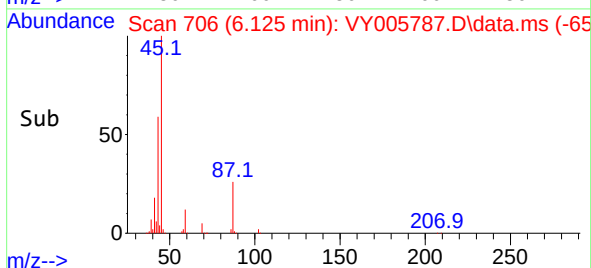
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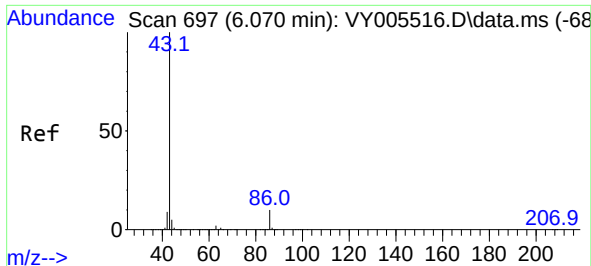


#22  
Diisopropyl ether  
Concen: 23.904 ug/l  
RT: 6.125 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42



Tgt Ion: 45 Resp: 150044  
Ion Ratio Lower Upper  
45 100  
43 58.7 44.2 66.2  
87 26.4 21.6 32.4  
59 11.8 8.9 13.3



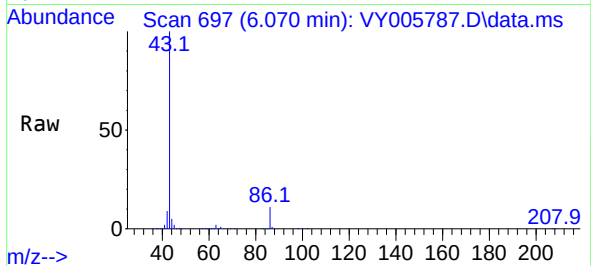


#23  
 Vinyl Acetate  
 Concen: 116.795 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. -0.000 min  
 Lab File: VY005787.D  
 Acq: 20 Aug 2021 12:42

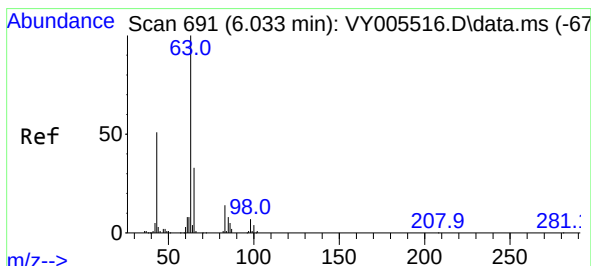
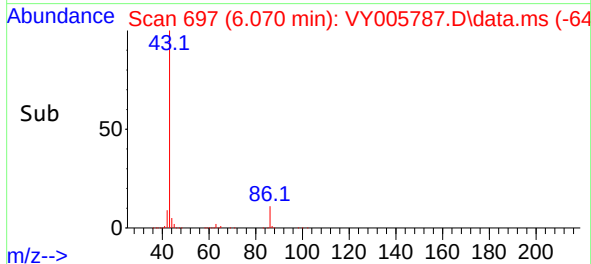
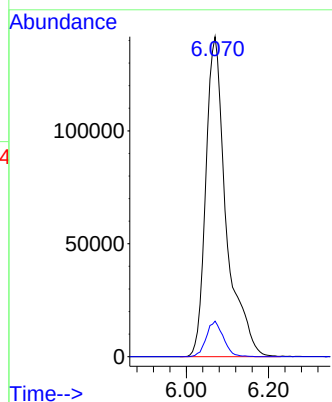
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0820SBS01

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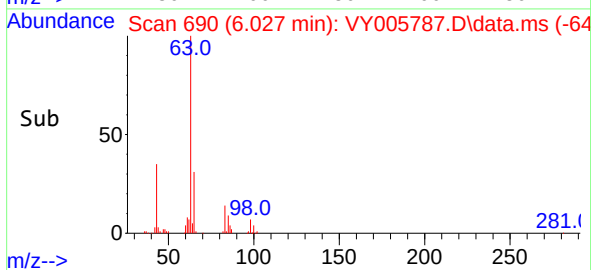
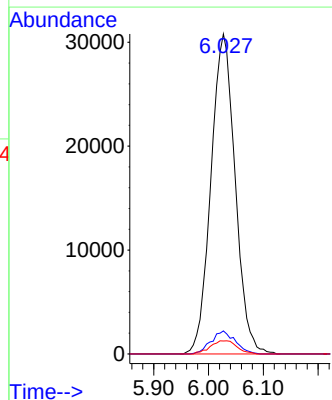
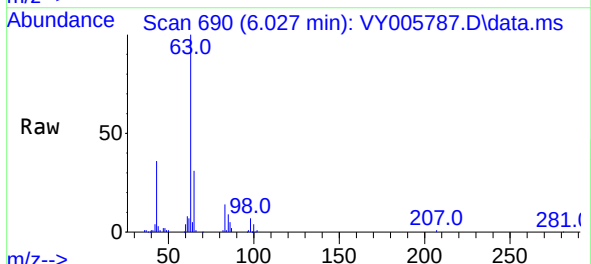


Tgt Ion: 43 Resp: 487888  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 8.4 12.6

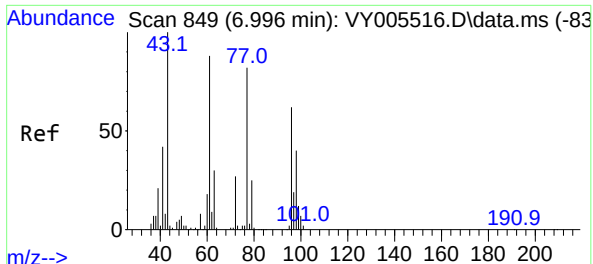


#24  
 1,1-Dichloroethane  
 Concen: 27.160 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. -0.006 min  
 Lab File: VY005787.D  
 Acq: 20 Aug 2021 12:42

Tgt Ion: 63 Resp: 94479  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.4 10.1  
 100 4.1 2.1 6.5

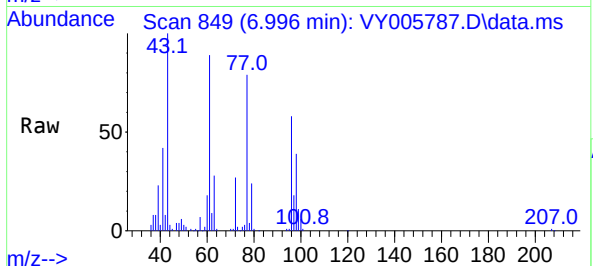






#25  
2-Butanone  
Concen: 107.675 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

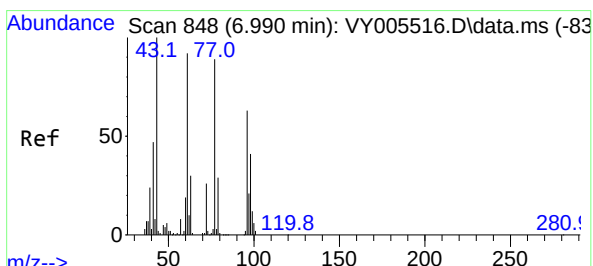
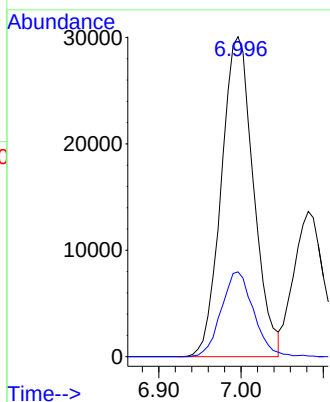
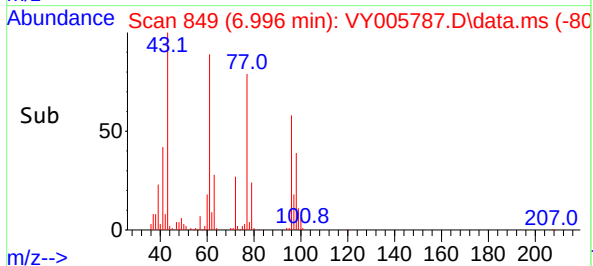
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



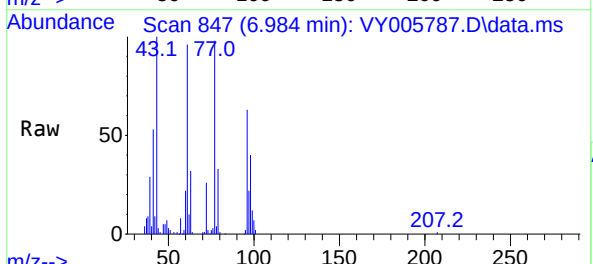
Tgt Ion: 43 Resp: 81881  
Ion Ratio Lower Upper  
43 100  
72 26.5 21.4 32.2

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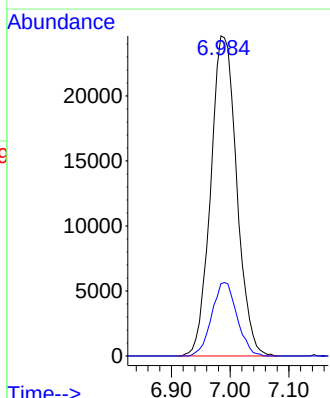
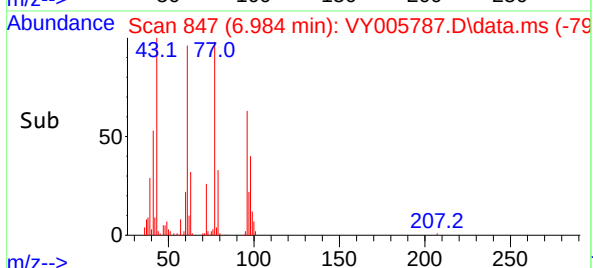
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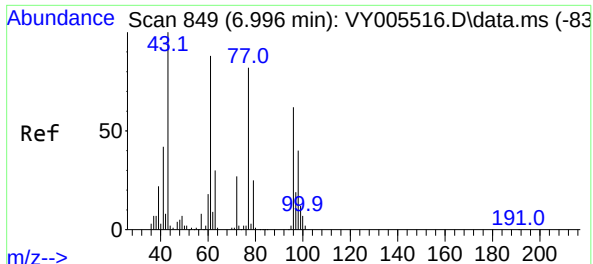


#26  
2,2-Dichloropropane  
Concen: 23.843 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

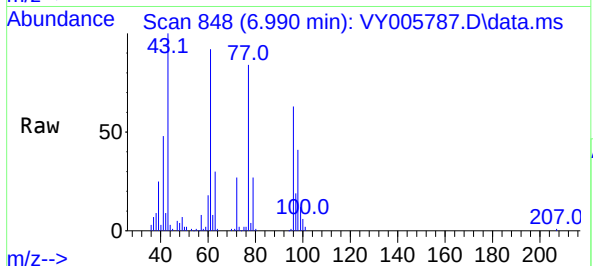


Tgt Ion: 77 Resp: 75779  
Ion Ratio Lower Upper  
77 100  
97 22.3 11.4 34.1

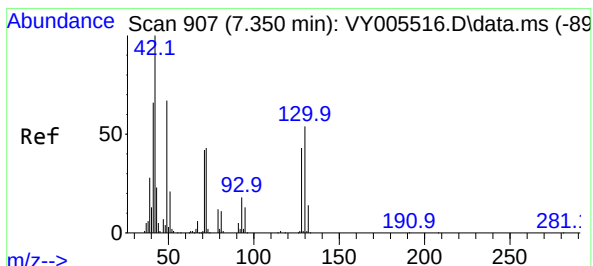
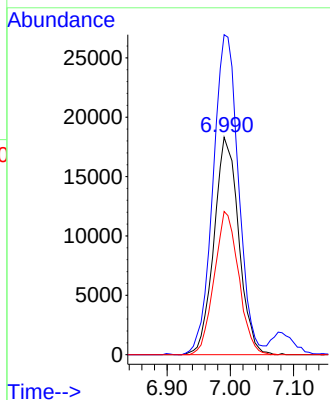
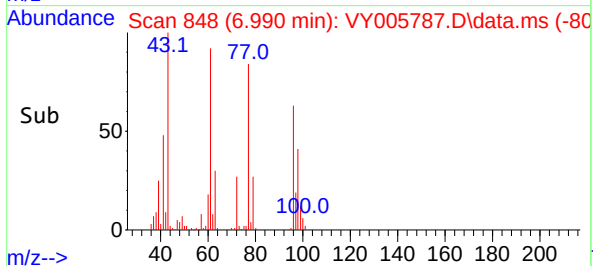




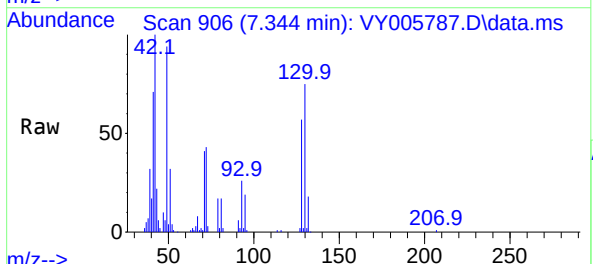
#27  
cis-1,2-Dichloroethene  
Concen: 22.495 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42



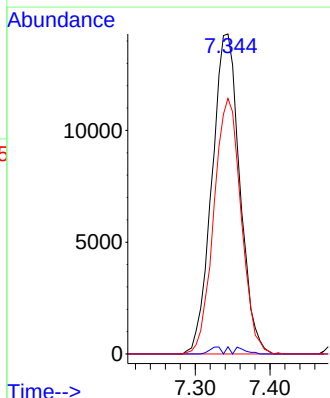
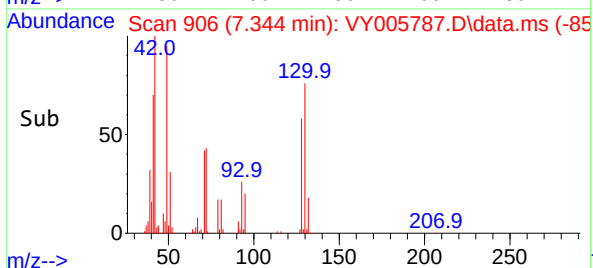
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 49690 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 151.4 | 0.0   | 290.0 |
| 98       | 65.1  | 0.0   | 128.0 |



#28  
Bromochloromethane  
Concen: 26.735 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42



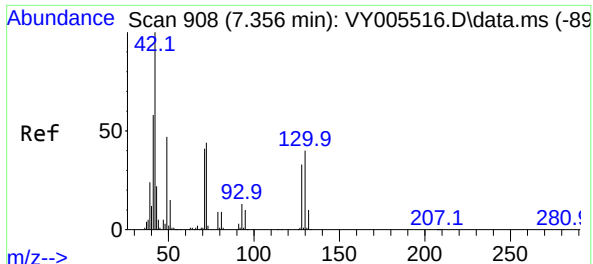
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 37119 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.3   | 0.0   | 4.0   |
| 130      | 78.1  | 64.0  | 96.0  |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
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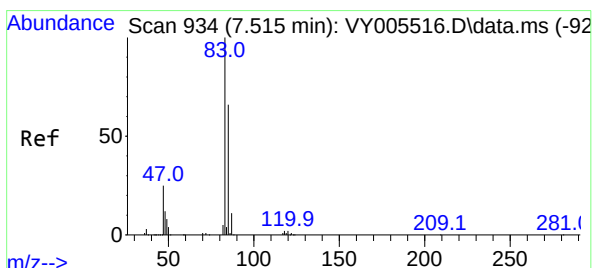
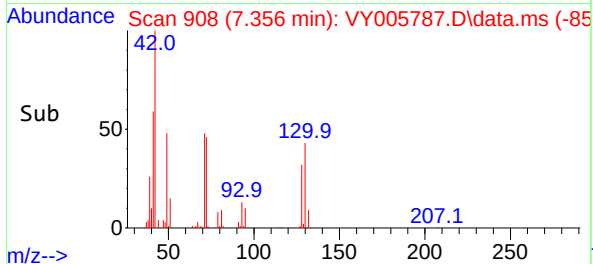
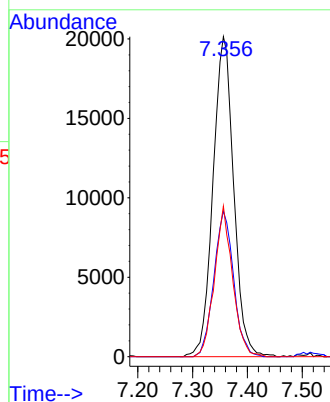
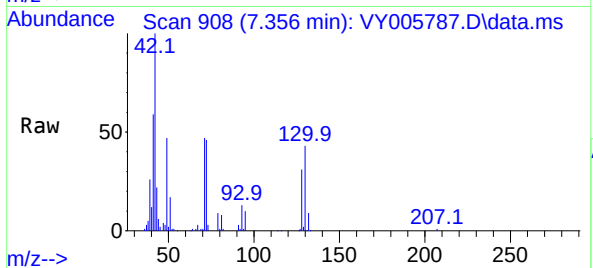
#29  
Tetrahydrofuran  
Concen: 104.767 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 52695 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 43.5  | 35.0  | 52.4  |
| 71       | 41.3  | 33.3  | 49.9  |

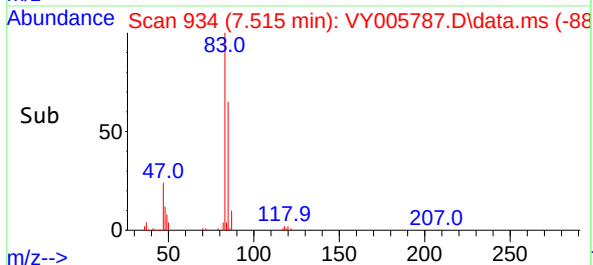
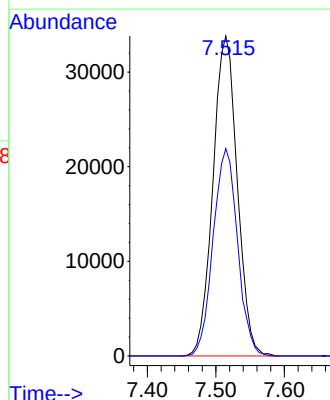
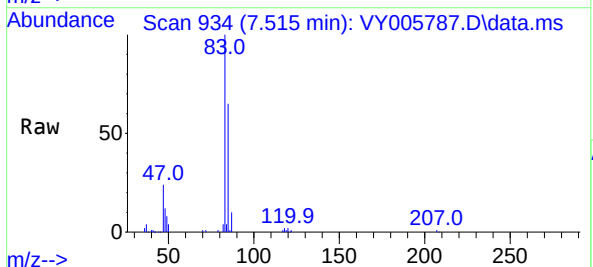
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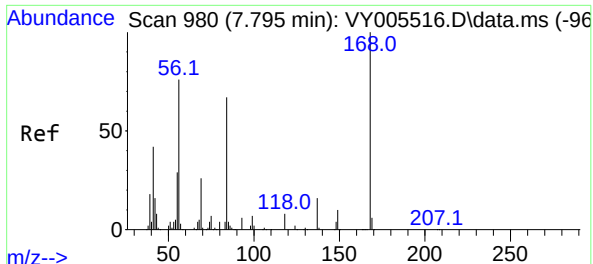
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#30  
Chloroform  
Concen: 23.468 ug/l  
RT: 7.515 min Scan# 934  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 83324 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.8  | 52.7  | 79.1  |





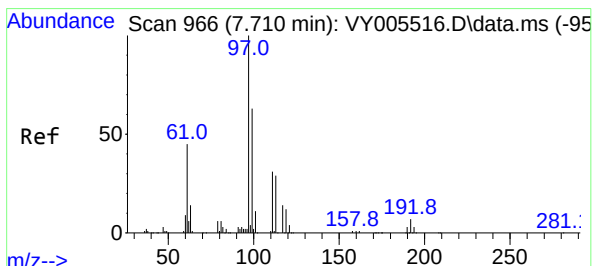
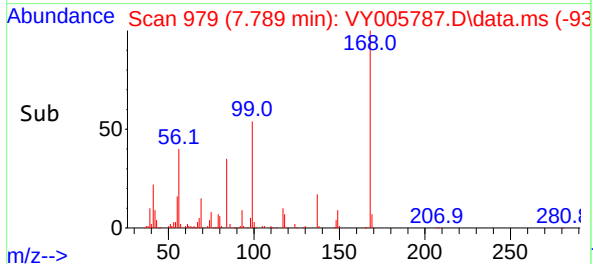
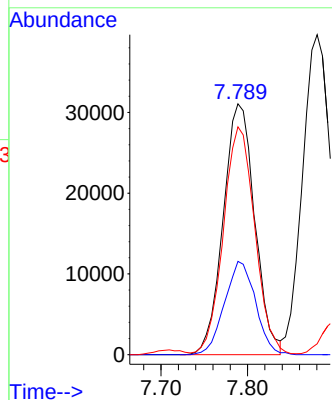
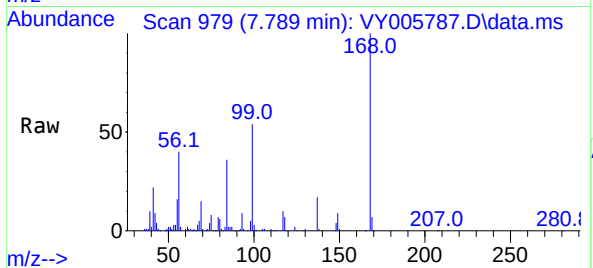
#31  
Cyclohexane  
Concen: 22.475 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
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Tgt Ion: 56 Resp: 78660  
Ion Ratio Lower Upper  
56 100  
69 37.2 27.7 41.5  
84 89.2 70.9 106.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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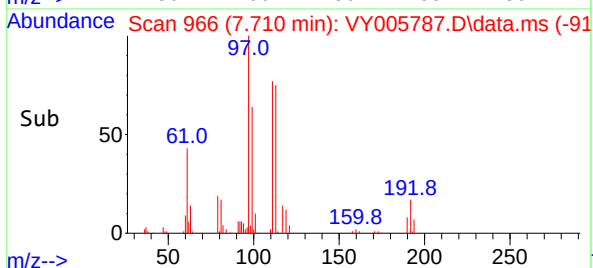
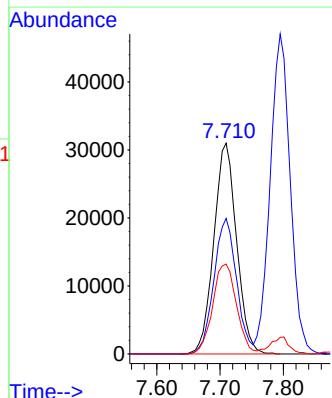
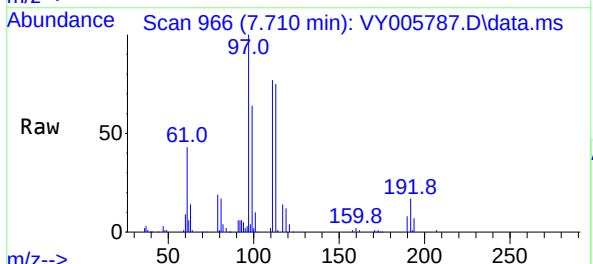
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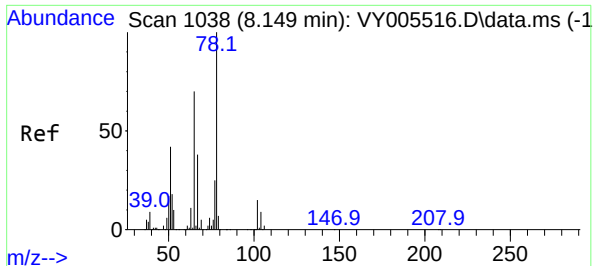
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#32  
1,1,1-Trichloroethane  
Concen: 23.714 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 97 Resp: 77399  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.1 76.7  
61 44.7 35.0 52.6





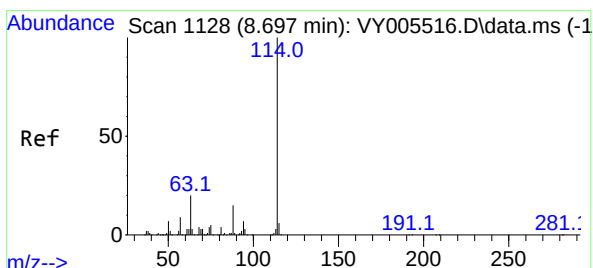
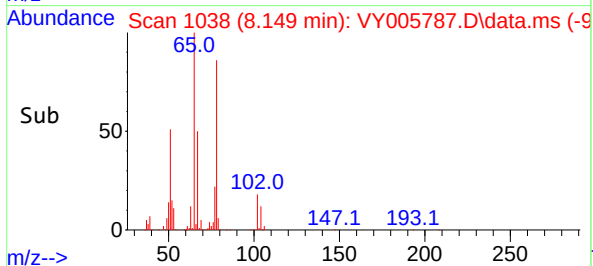
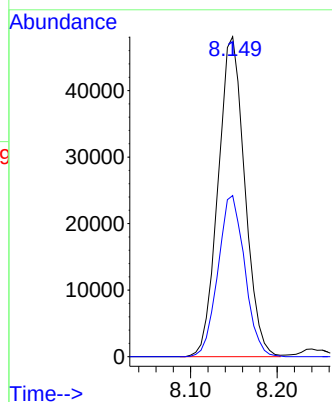
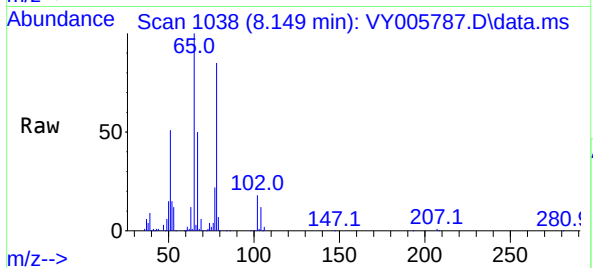
#33  
1,2-Dichloroethane-d4  
Concen: 50.376 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 65 Resp: 102788  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 103.4

Instrument :  
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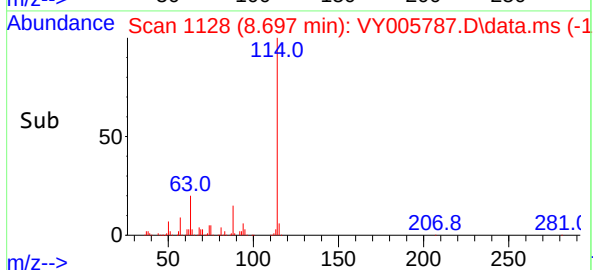
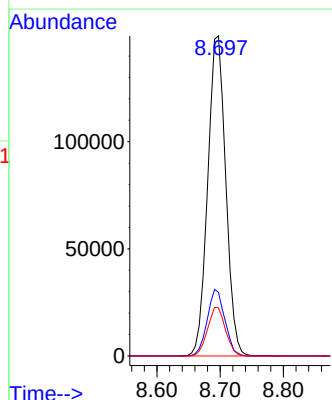
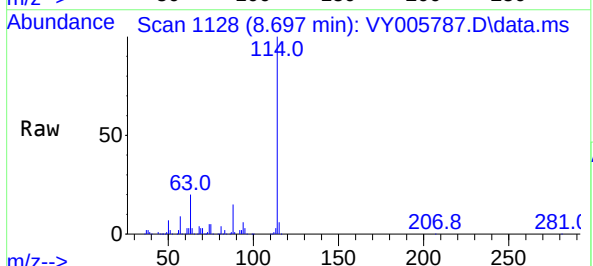
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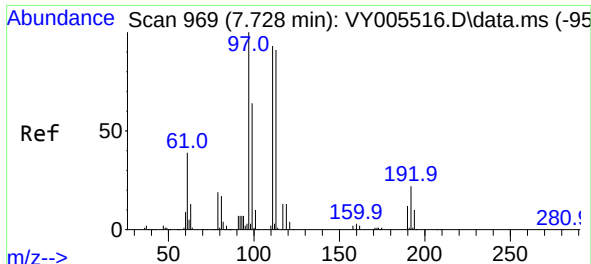
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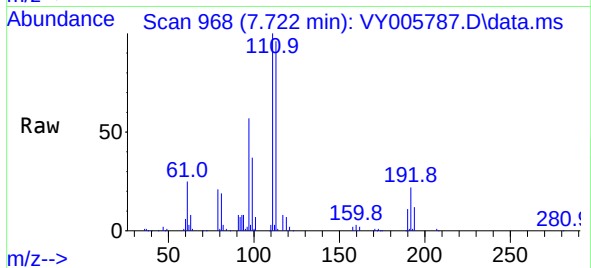
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 114 Resp: 295912  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 39.2  
88 15.0 0.0 30.8

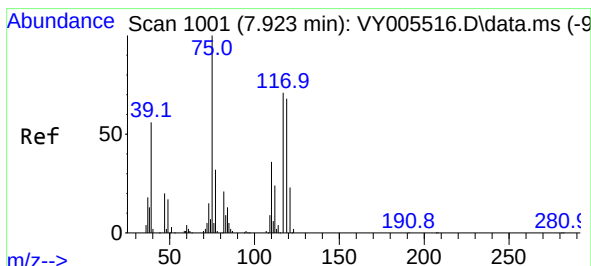
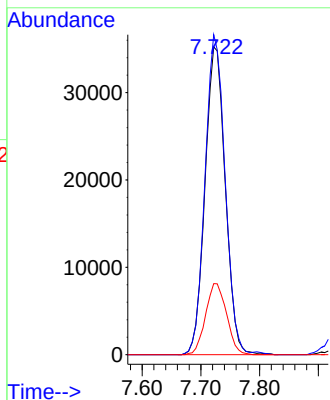
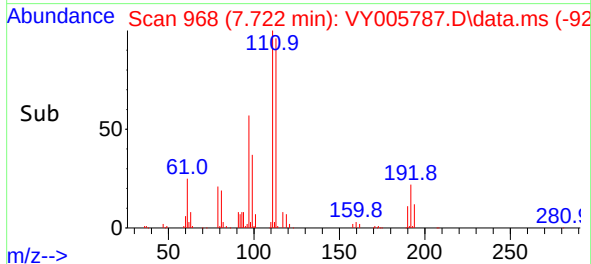




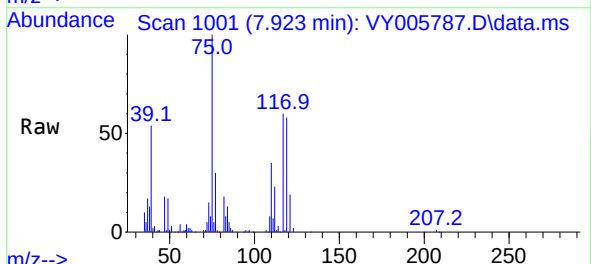
#35  
Dibromofluoromethane  
Concen: 51.110 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42



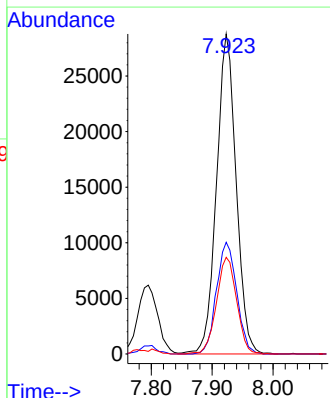
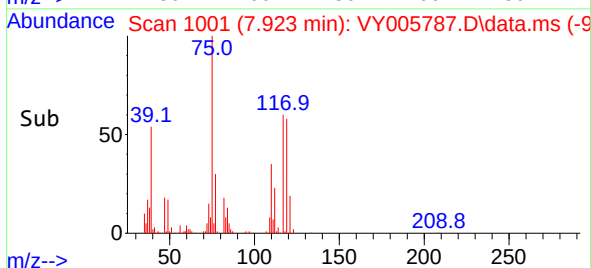
Tgt Ion: 113 Resp: 84676  
Ion Ratio Lower Upper  
113 100  
111 102.7 81.9 122.9  
192 23.8 19.2 28.8



#36  
1,1-Dichloropropene  
Concen: 23.215 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42



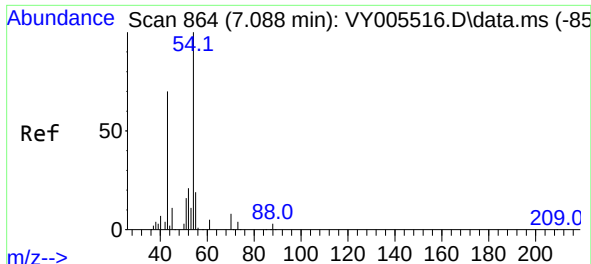
Tgt Ion: 75 Resp: 64431  
Ion Ratio Lower Upper  
75 100  
110 36.0 18.1 54.1  
77 31.1 25.1 37.7



Instrument :  
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#37

Ethyl Acetate

Concen: 21.537 ug/l

RT: 7.082 min Scan# 863

Delta R.T. -0.006 min

Lab File: VY005787.D

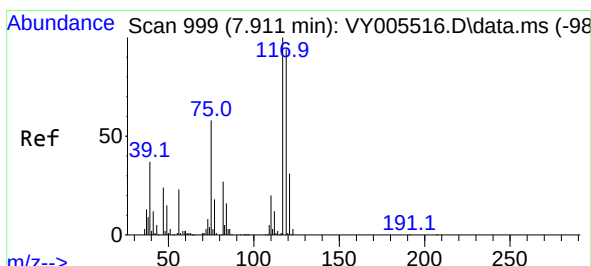
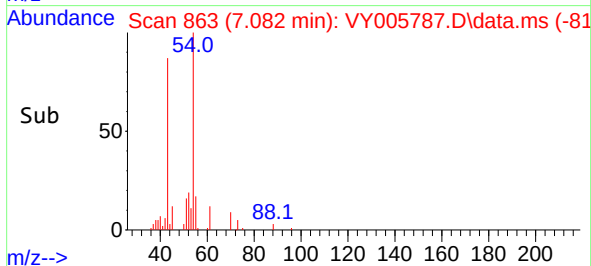
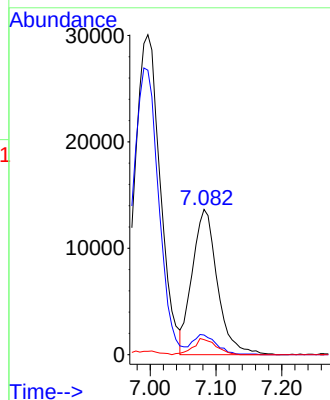
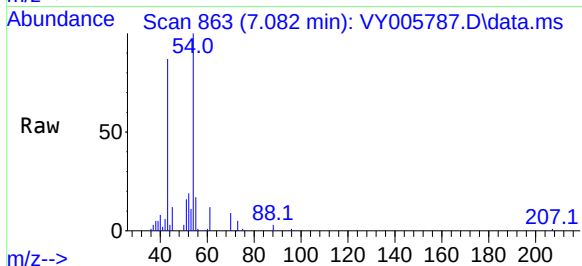
Acq: 20 Aug 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 36212 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.5  | 10.6  | 15.8  |
| 70       | 9.9   | 8.6   | 13.0  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

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#38

Carbon Tetrachloride

Concen: 23.280 ug/l

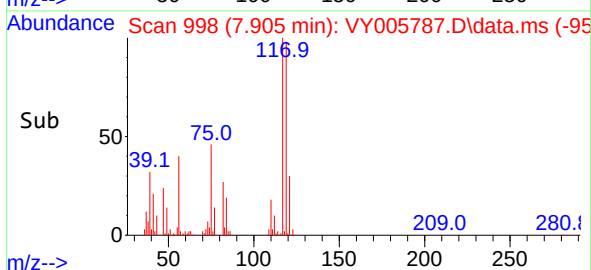
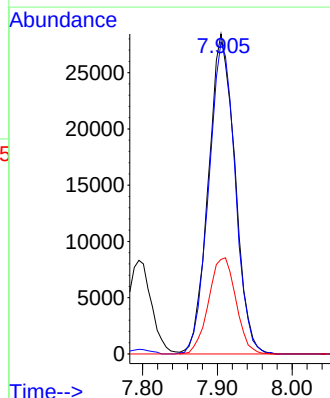
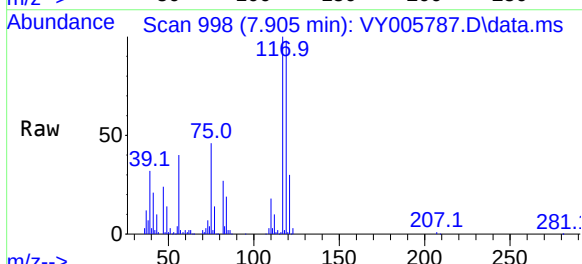
RT: 7.905 min Scan# 998

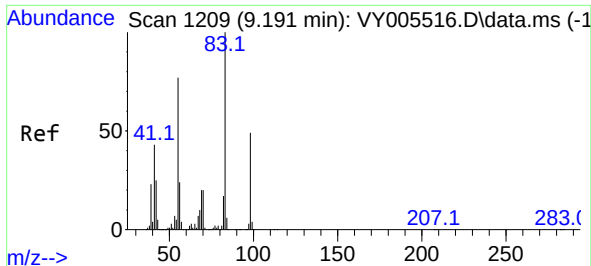
Delta R.T. -0.006 min

Lab File: VY005787.D

Acq: 20 Aug 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 70225 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.5  | 75.4  | 113.0 |
| 121      | 29.6  | 25.1  | 37.7  |





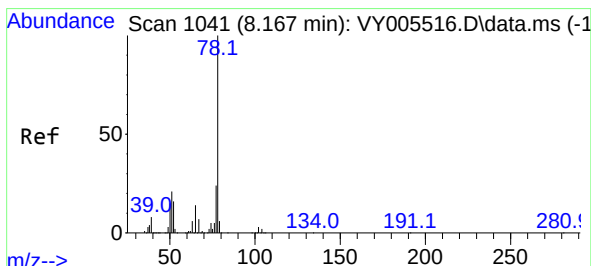
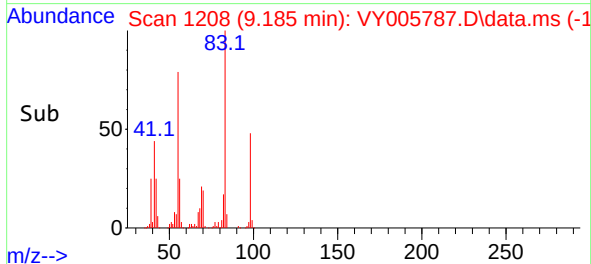
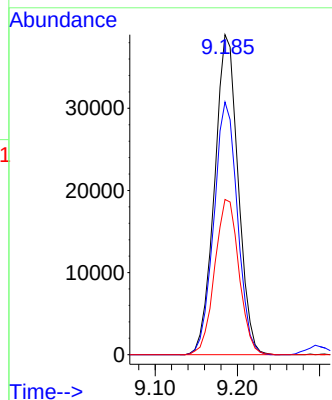
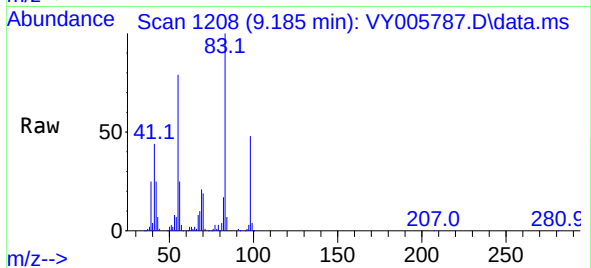
#39  
Methylcyclohexane  
Concen: 21.998 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 83 Resp: 77676  
Ion Ratio Lower Upper  
83 100  
55 79.0 61.7 92.5  
98 48.5 38.9 58.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

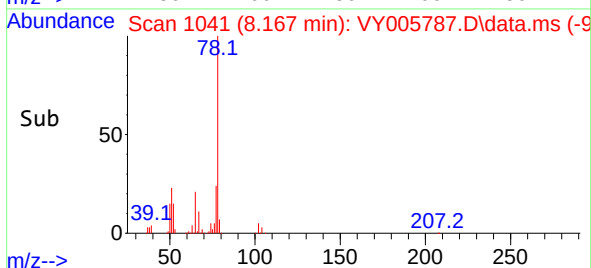
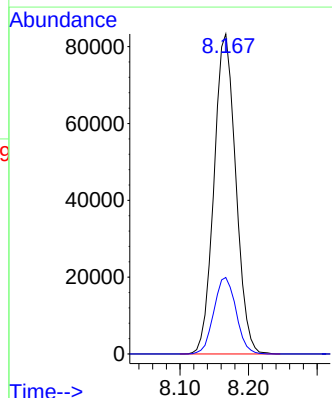
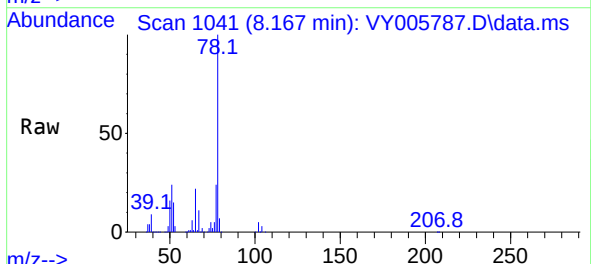
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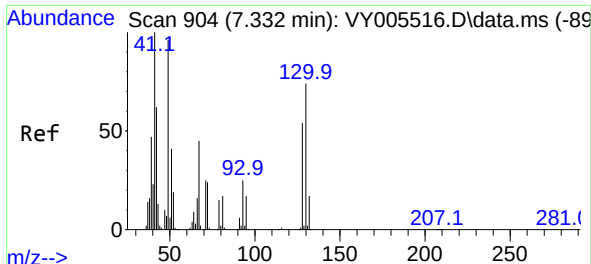


#40  
Benzene  
Concen: 23.076 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 78 Resp: 183408  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.6 29.4







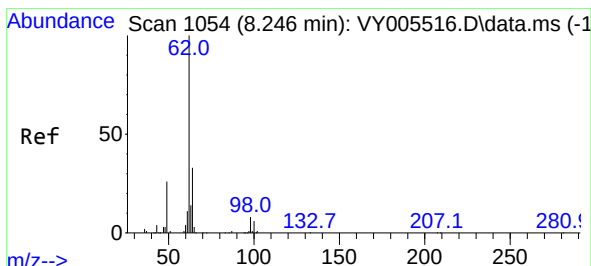
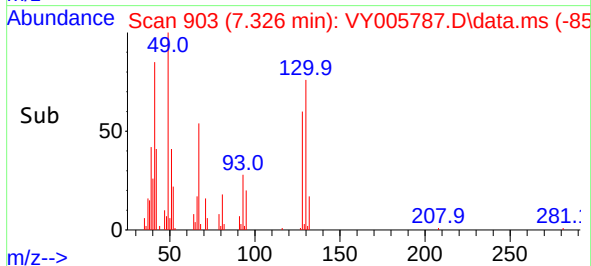
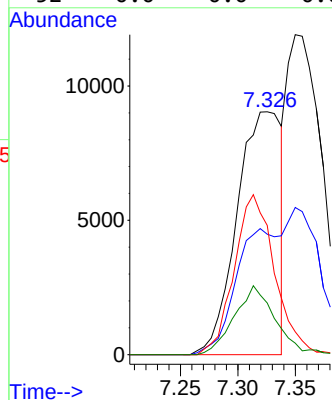
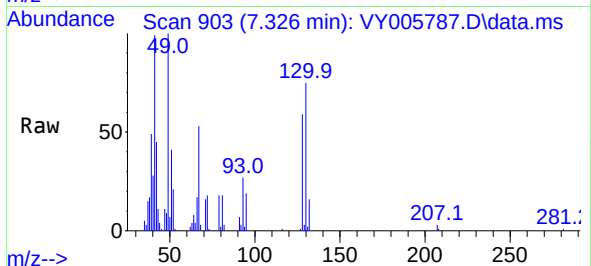
#41  
Methacrylonitrile  
Concen: 26.612 ug/l m  
RT: 7.326 min Scan# 903  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 24278 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 0.0   | 0.0   |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

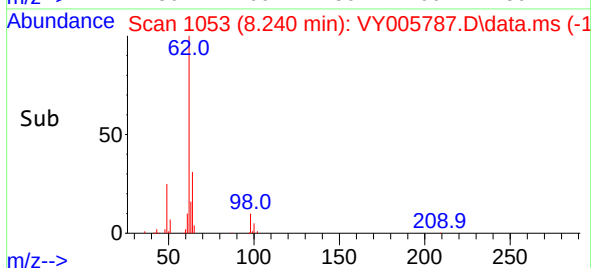
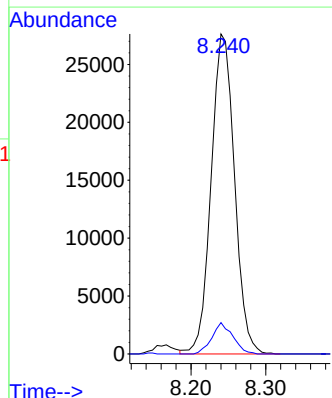
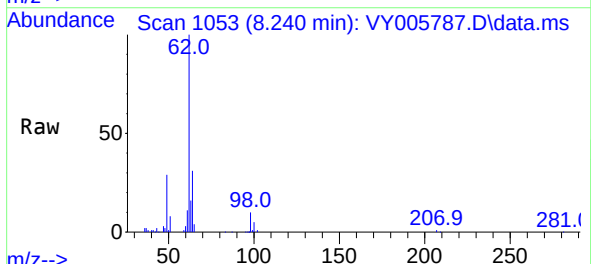
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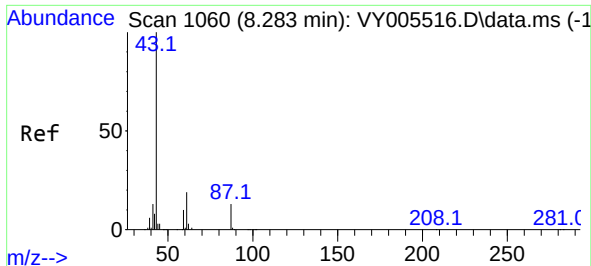
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#42  
1,2-Dichloroethane  
Concen: 23.311 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 60096 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.8   | 0.0   | 18.4  |





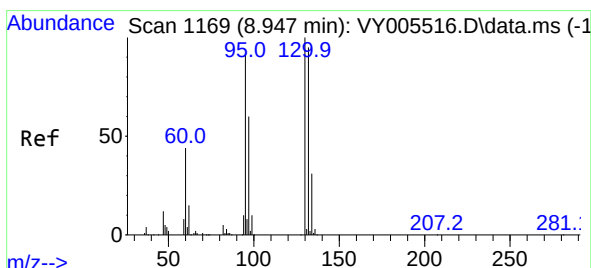
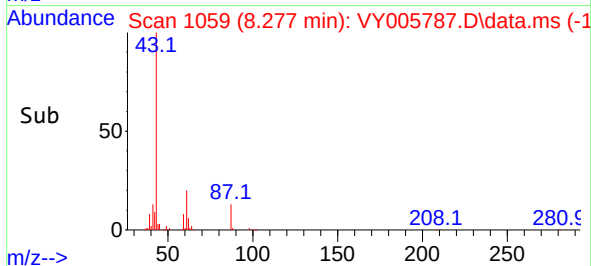
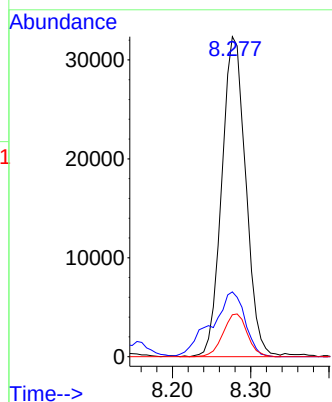
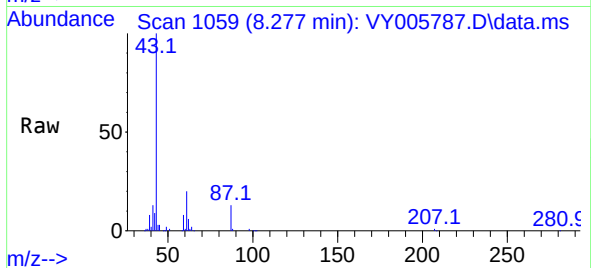
#43  
Isopropyl Acetate  
Concen: 21.569 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 43 Resp: 68662  
Ion Ratio Lower Upper  
43 100  
61 28.6 23.0 34.6  
87 13.5 10.6 16.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

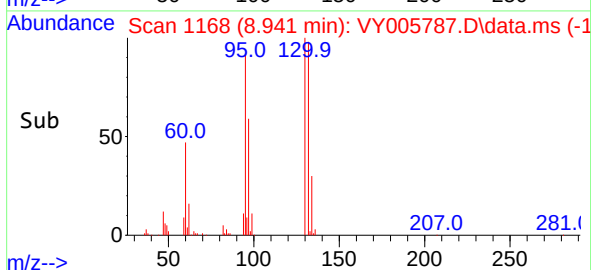
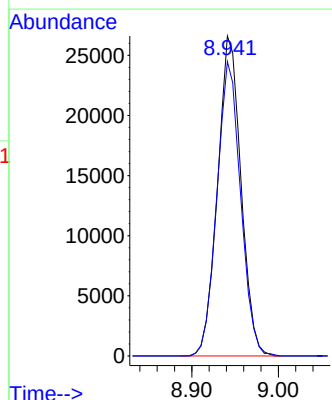
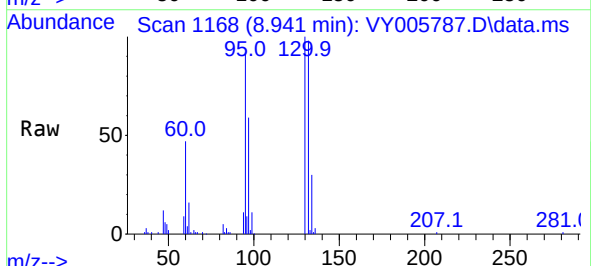
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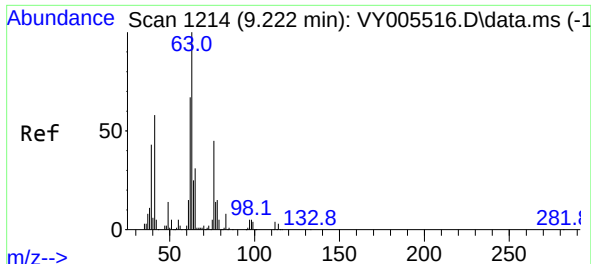
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#44  
Trichloroethene  
Concen: 22.996 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 130 Resp: 49883  
Ion Ratio Lower Upper  
130 100  
95 91.9 0.0 185.0





#45

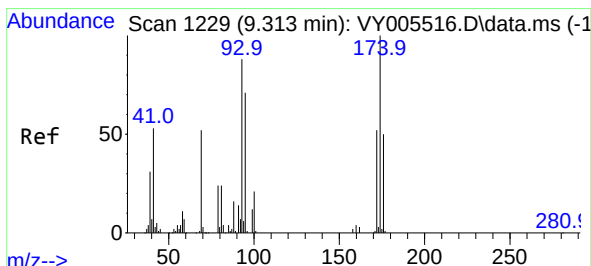
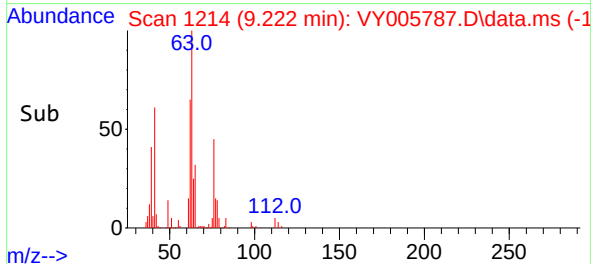
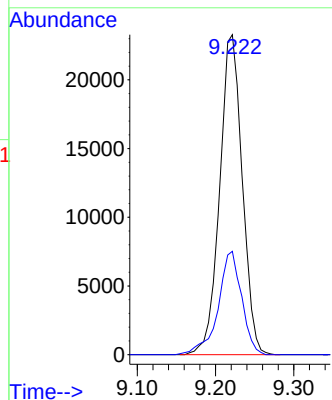
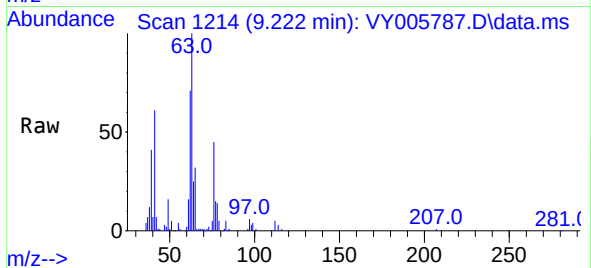
1,2-Dichloropropane  
Concen: 23.485 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 63 Resp: 46696  
Ion Ratio Lower Upper  
63 100  
65 32.3 24.9 37.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

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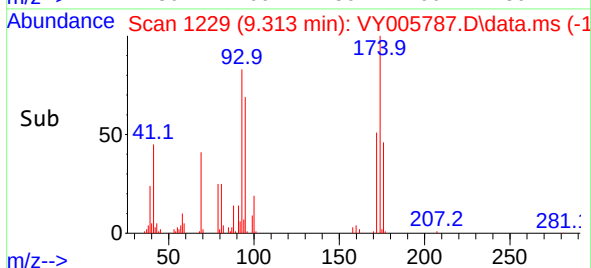
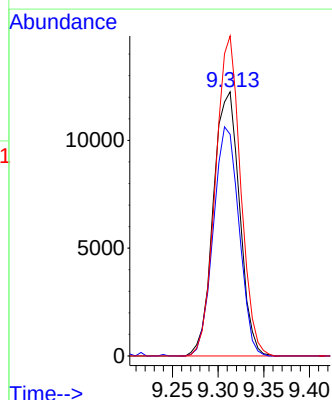
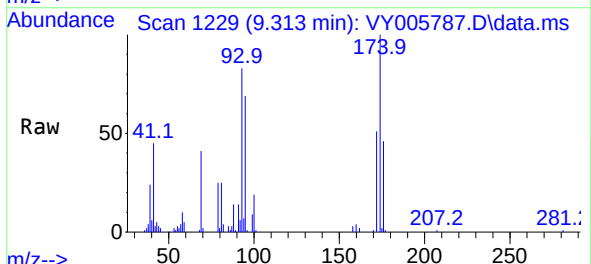
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8/23/2021 11:05:31 AM

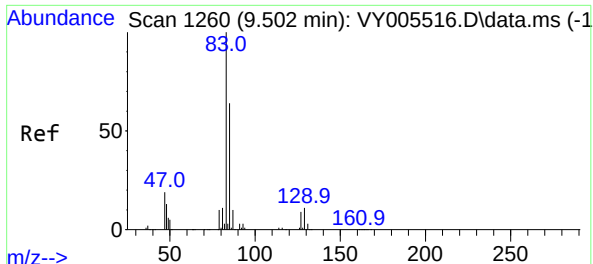


#46

Dibromomethane  
Concen: 22.249 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 93 Resp: 24461  
Ion Ratio Lower Upper  
93 100  
95 84.9 66.5 99.7  
174 115.8 93.8 140.6





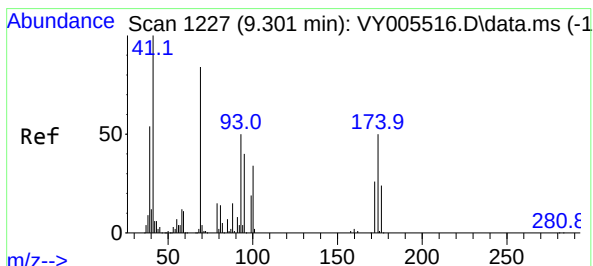
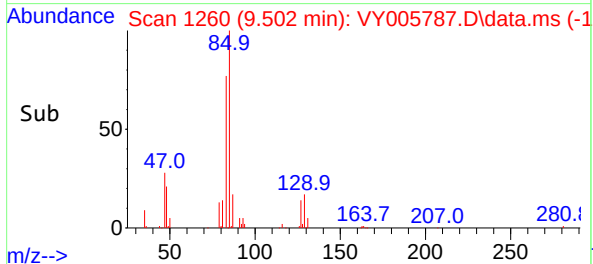
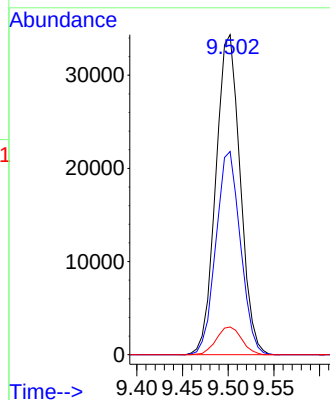
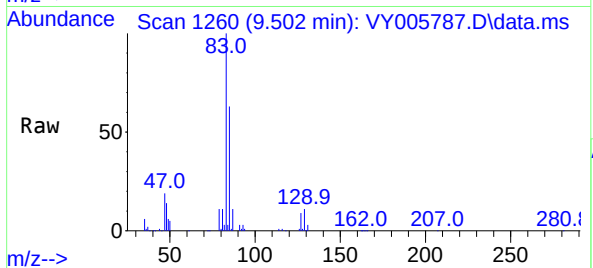
#47  
Bromodichloromethane  
Concen: 23.151 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 63703 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.5  | 51.0  | 76.4  |
| 127      | 8.6   | 7.0   | 10.4  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

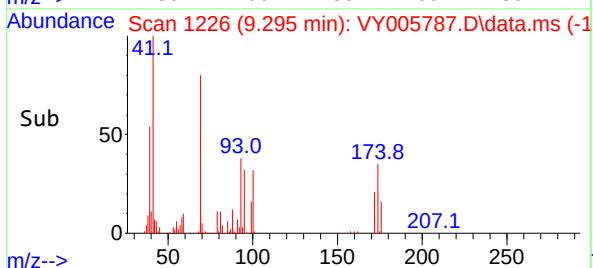
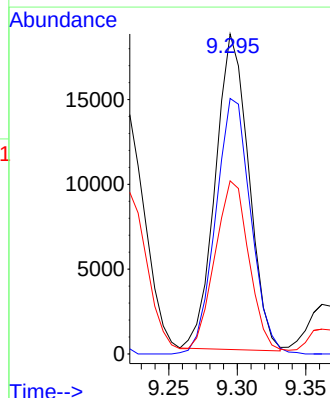
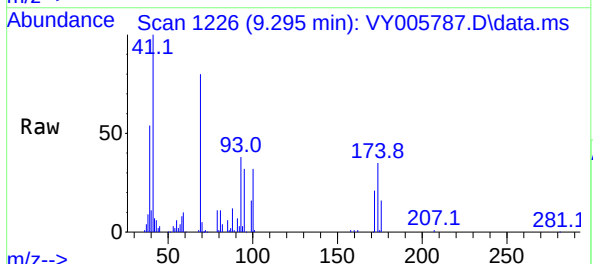
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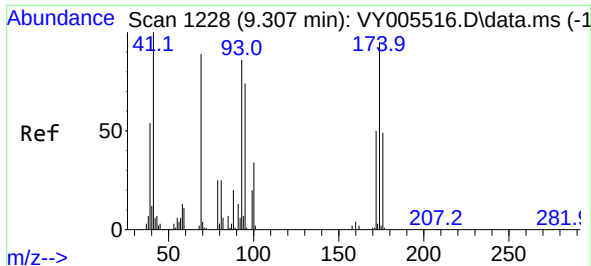
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#48  
Methyl methacrylate  
Concen: 21.883 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 31482 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 85.5  | 69.0  | 103.4 |
| 39       | 54.9  | 46.0  | 69.0  |





#49  
1,4-Dioxane  
Concen: 413.751 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

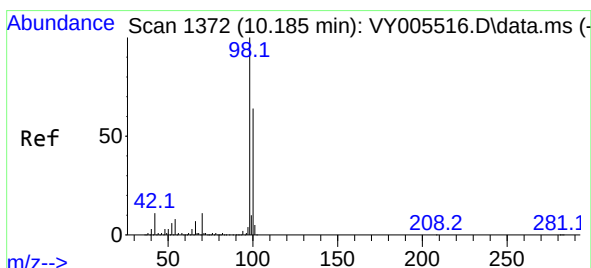
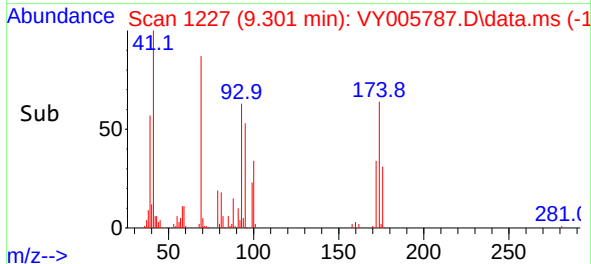
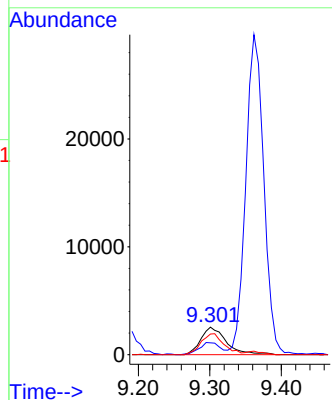
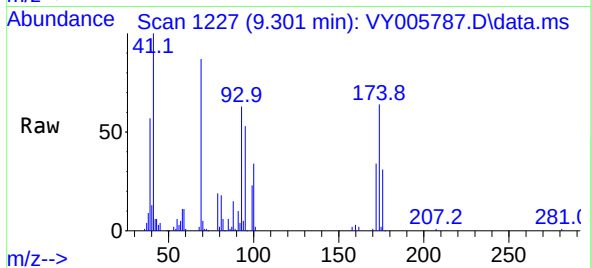
Tgt Ion: 88 Resp: 6322

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 37.4  | 27.0  | 40.4  |
| 58  | 69.3  | 53.8  | 80.8  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

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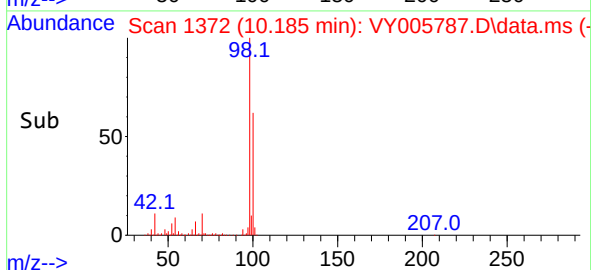
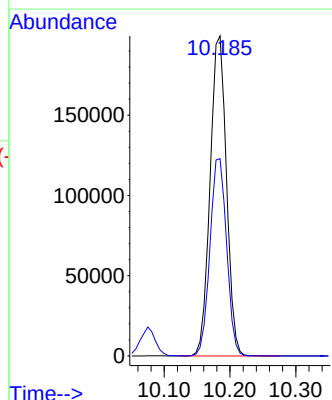
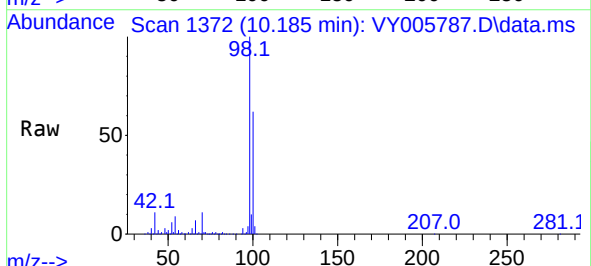
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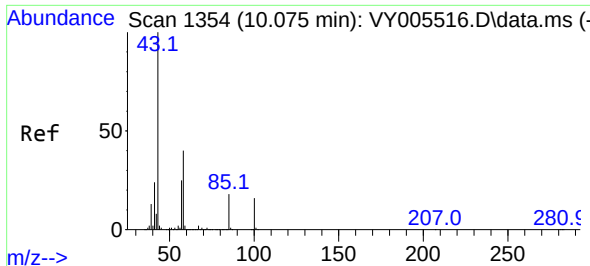


#50  
Toluene-d8  
Concen: 49.676 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 98 Resp: 345164

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 62.8  | 51.3  | 76.9  |





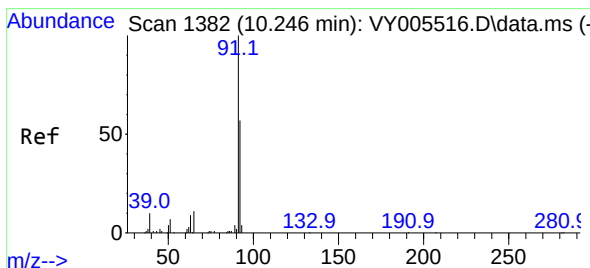
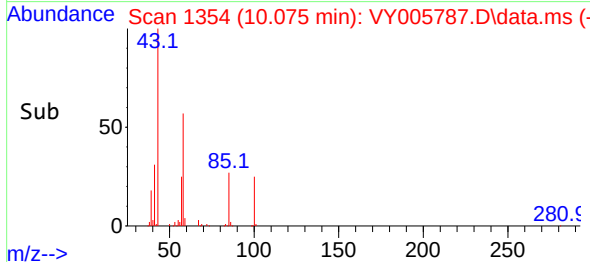
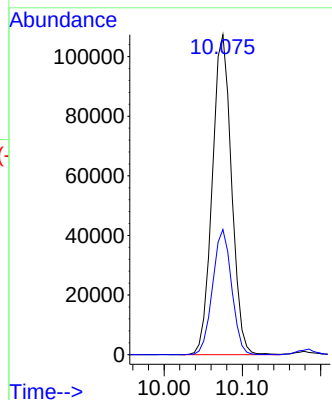
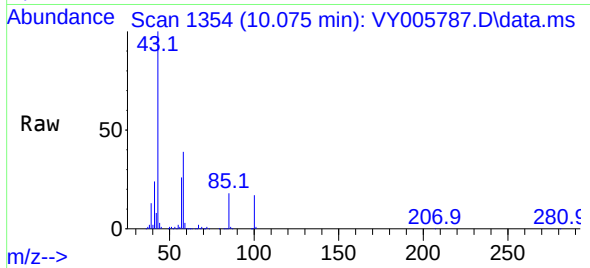
#51  
4-Methyl-2-Pentanone  
Concen: 109.234 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 43 Resp: 183123  
Ion Ratio Lower Upper  
43 100  
58 38.6 31.4 47.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

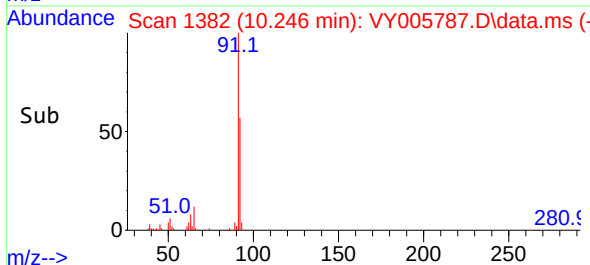
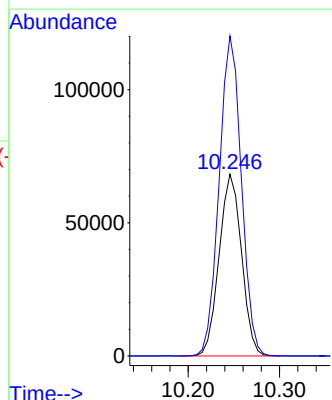
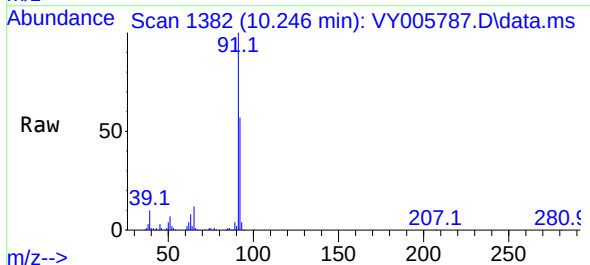
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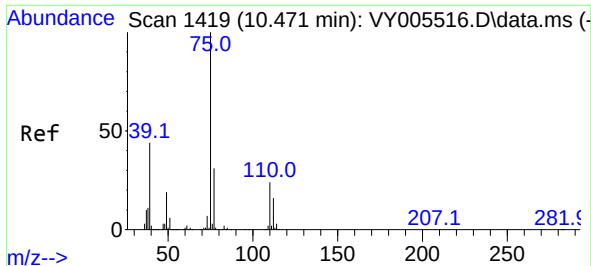
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#52  
Toluene  
Concen: 22.944 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 92 Resp: 116275  
Ion Ratio Lower Upper  
92 100  
91 174.8 139.6 209.4





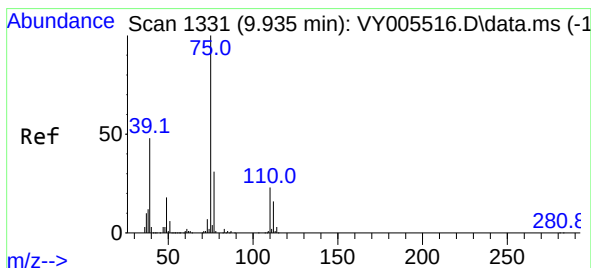
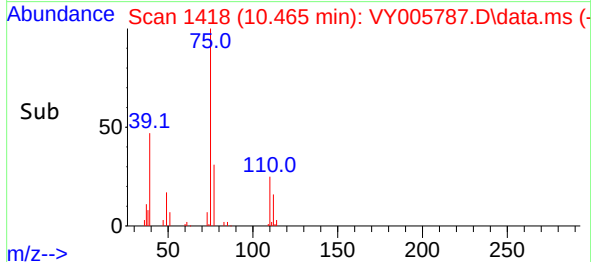
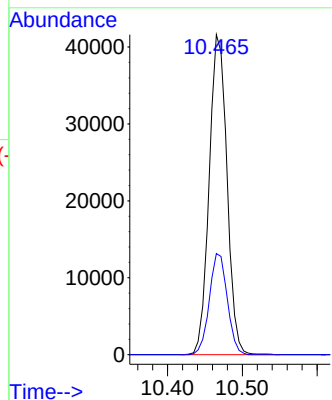
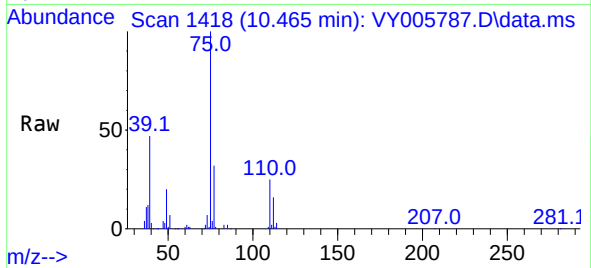
#53  
t-1,3-Dichloropropene  
Concen: 22.412 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 75 Resp: 68918  
Ion Ratio Lower Upper  
75 100  
77 31.6 24.5 36.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

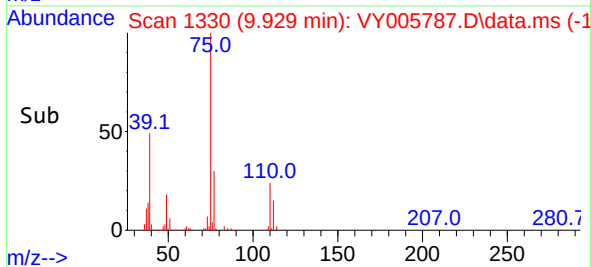
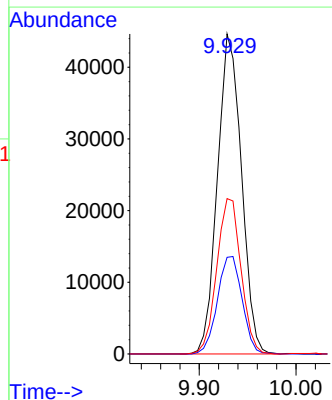
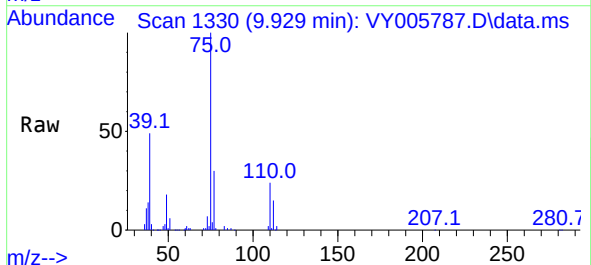
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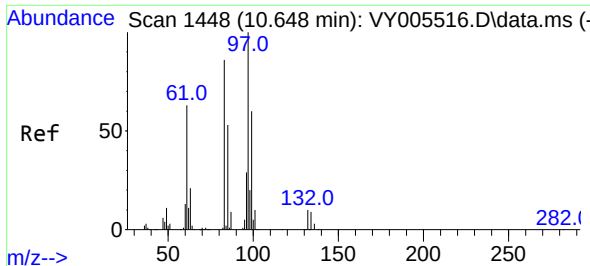
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#54  
cis-1,3-Dichloropropene  
Concen: 23.039 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

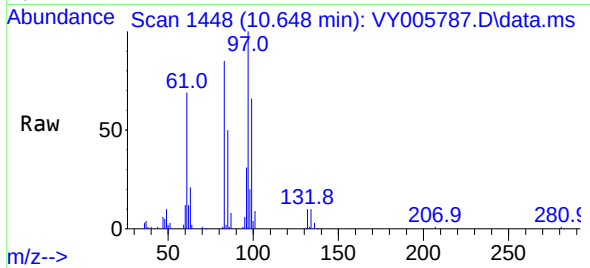
Tgt Ion: 75 Resp: 76885  
Ion Ratio Lower Upper  
75 100  
77 30.2 24.6 36.8  
39 48.6 38.1 57.1





#55  
1,1,2-Trichloroethane  
Concen: 22.418 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

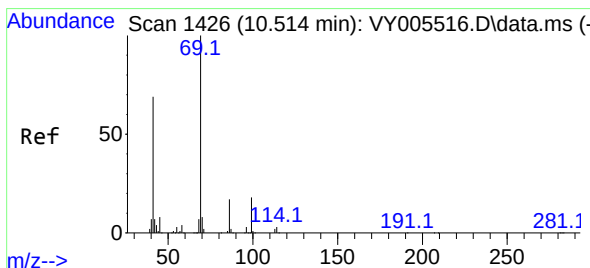
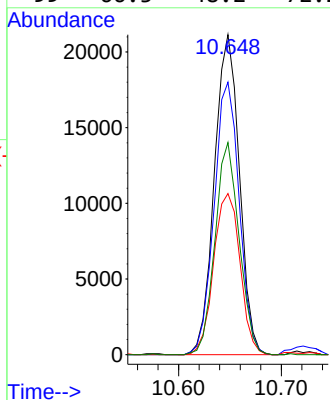


Tgt Ion: 97 Resp: 35662

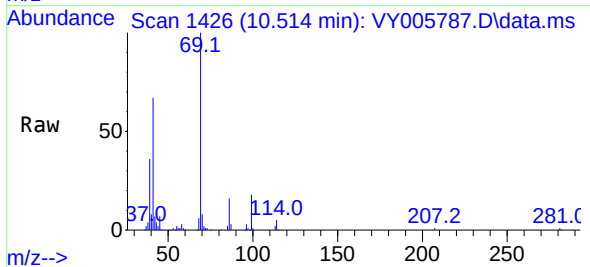
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.2  | 68.7  | 103.1 |
| 85  | 50.3  | 42.4  | 63.6  |
| 99  | 66.3  | 48.2  | 72.2  |

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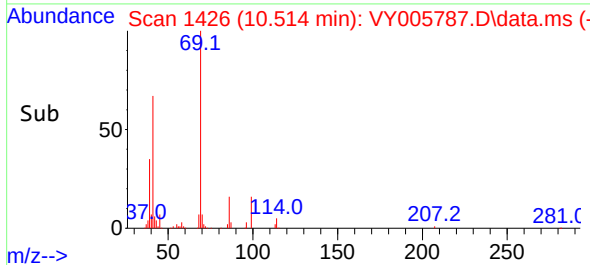
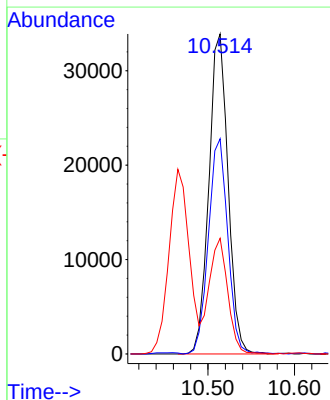


#56  
Ethyl methacrylate  
Concen: 21.876 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

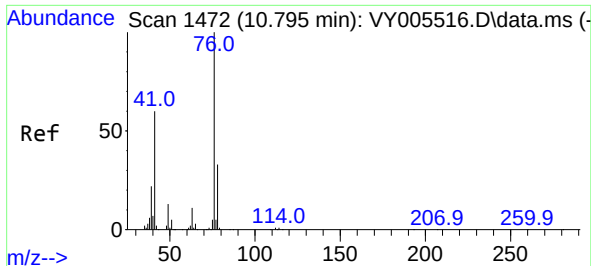


Tgt Ion: 69 Resp: 52108

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 68.1  | 53.9  | 80.9  |
| 39  | 35.5  | 27.0  | 40.4  |







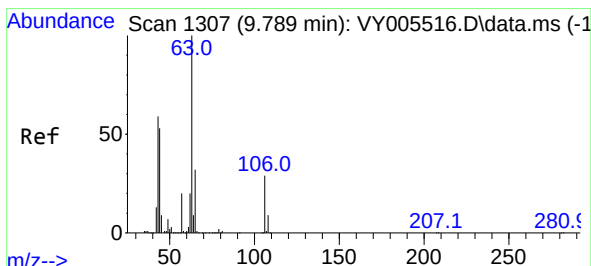
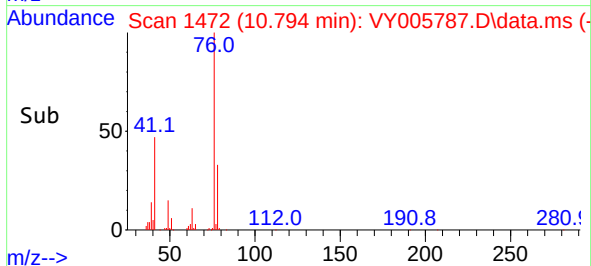
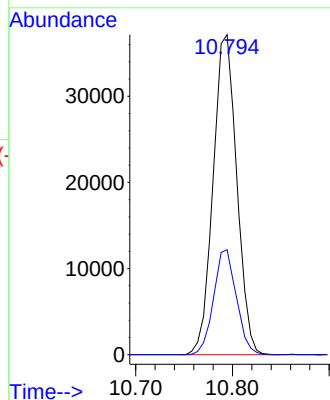
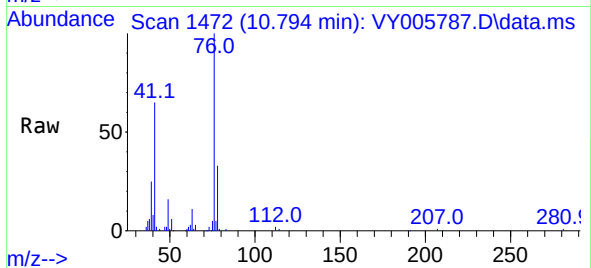
#57  
1,3-Dichloropropane  
Concen: 22.478 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 76 Resp: 63056  
Ion Ratio Lower Upper  
76 100  
78 31.7 25.7 38.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

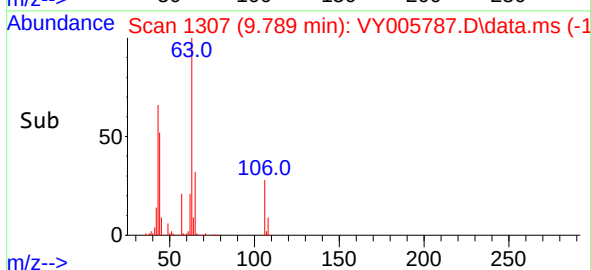
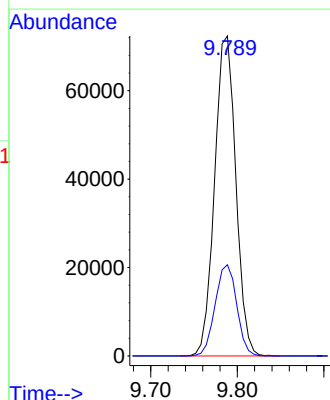
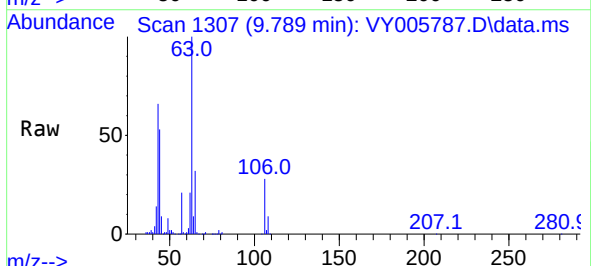
Manual Integrations  
APPROVED

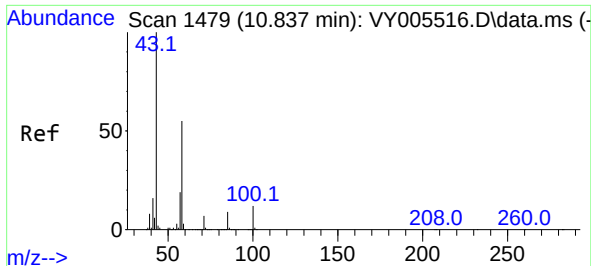
SAM  
8/23/2021 11:05:31 AM



#58  
2-Chloroethyl Vinyl ether  
Concen: 108.310 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 63 Resp: 123273  
Ion Ratio Lower Upper  
63 100  
106 28.9 23.1 34.7





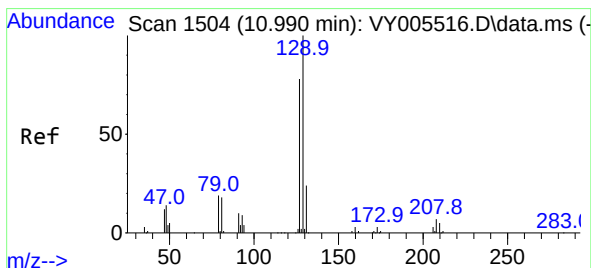
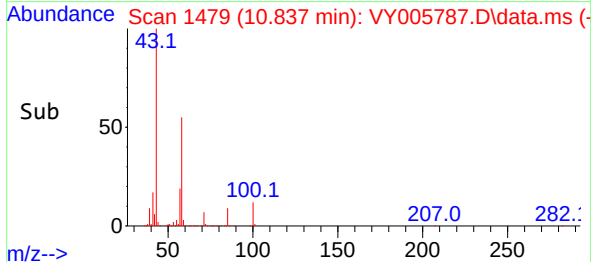
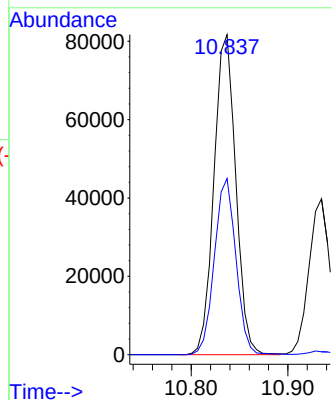
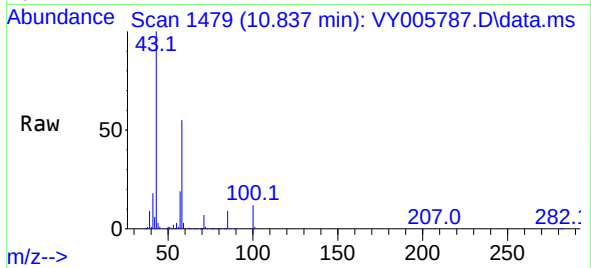
#59  
2-Hexanone  
Concen: 107.894 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 43 Resp: 127842  
Ion Ratio Lower Upper  
43 100  
58 54.4 27.1 81.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

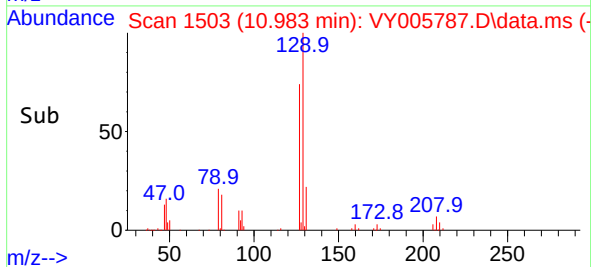
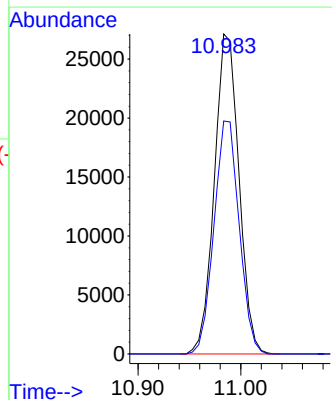
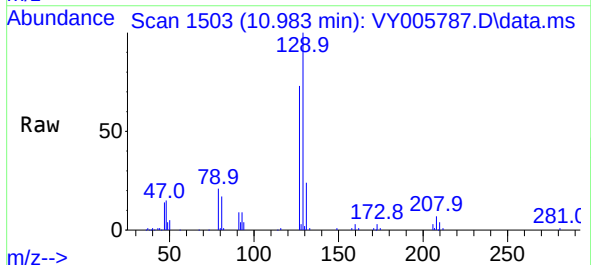
Manual Integrations  
APPROVED

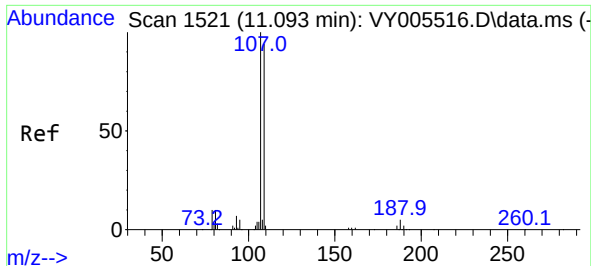
SAM  
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#60  
Dibromochloromethane  
Concen: 22.920 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 129 Resp: 45122  
Ion Ratio Lower Upper  
129 100  
127 74.5 38.6 115.7





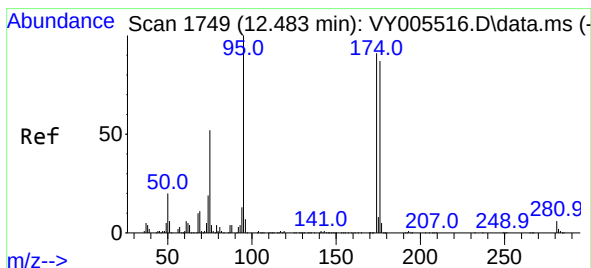
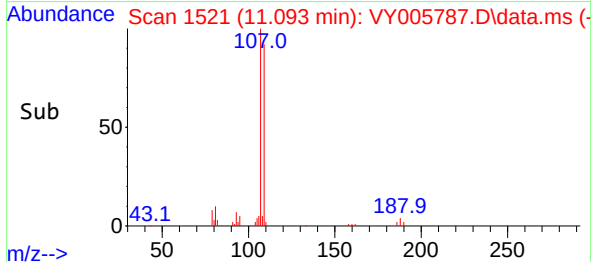
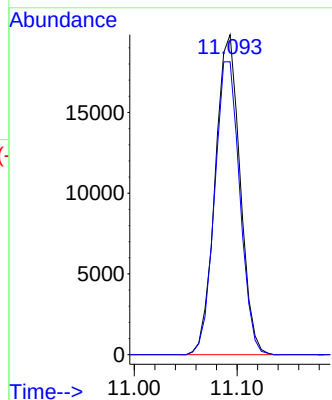
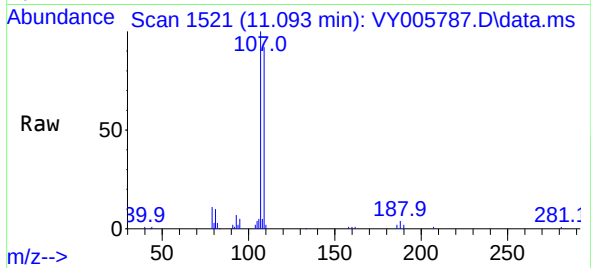
#61  
1,2-Dibromoethane  
Concen: 22.064 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 107 Resp: 33248  
Ion Ratio Lower Upper  
107 100  
109 92.7 74.7 112.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

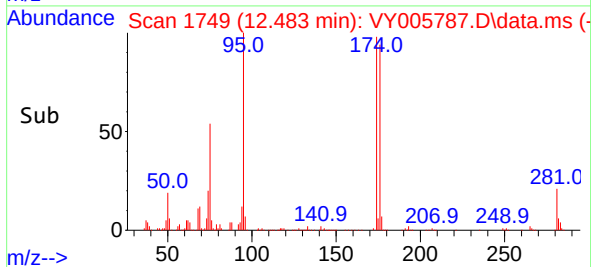
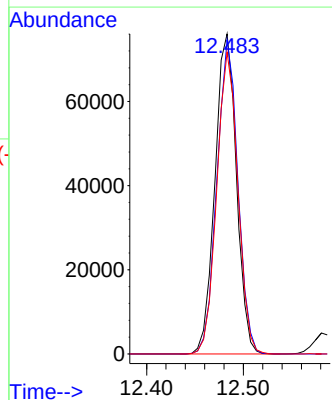
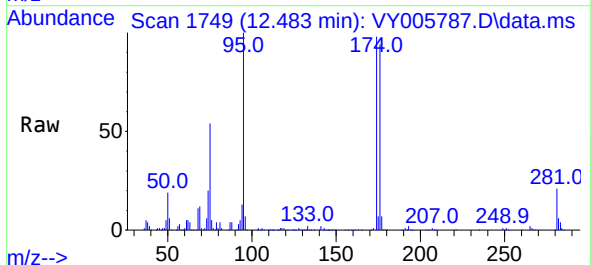
Manual Integrations  
APPROVED

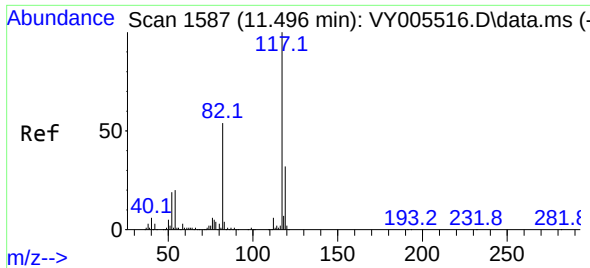
SAM  
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#62  
4-Bromofluorobenzene  
Concen: 50.805 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

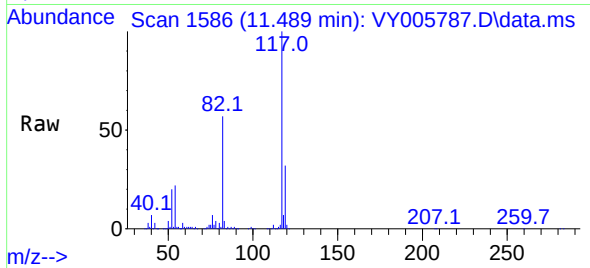
Tgt Ion: 95 Resp: 116898  
Ion Ratio Lower Upper  
95 100  
174 96.0 0.0 191.4  
176 92.6 0.0 183.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

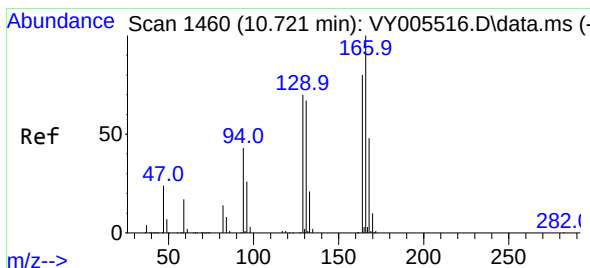
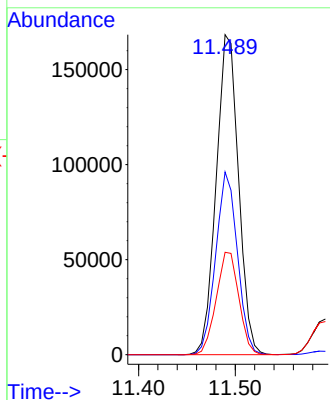
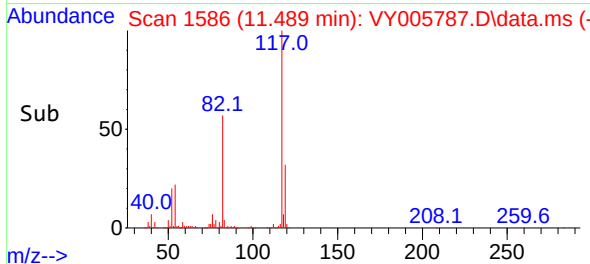
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



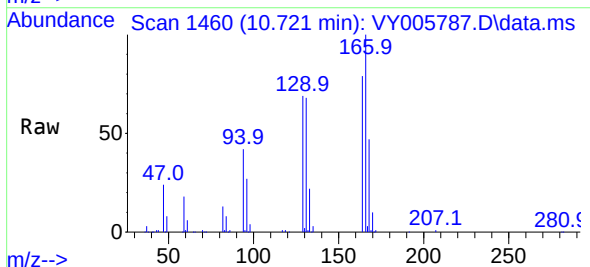
Tgt Ion:117 Resp: 270051  
Ion Ratio Lower Upper  
117 100  
82 57.1 43.5 65.3  
119 32.0 25.5 38.3

Manual Integrations  
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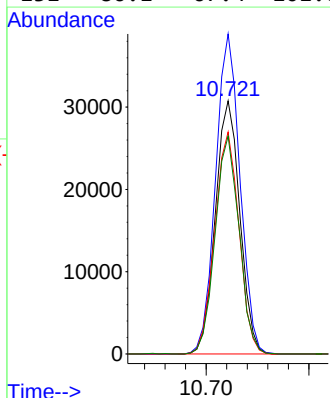
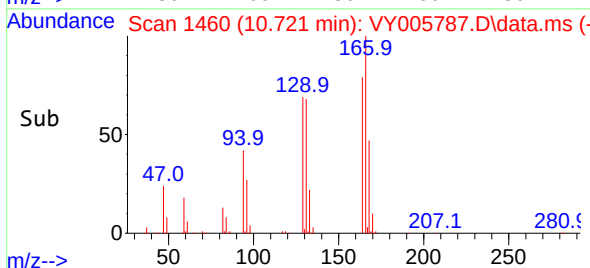
SAM  
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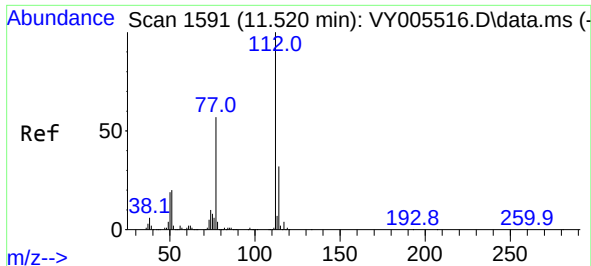


#64  
Tetrachloroethene  
Concen: 24.731 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42



Tgt Ion:164 Resp: 50837  
Ion Ratio Lower Upper  
164 100  
166 126.4 99.8 149.8  
129 87.7 70.1 105.1  
131 86.1 67.4 101.0





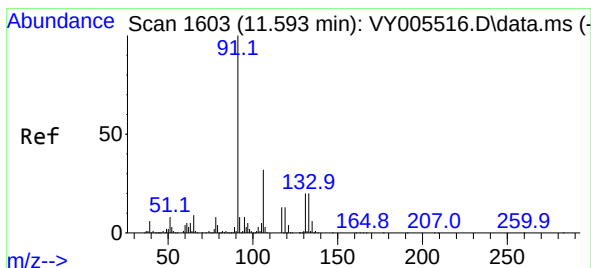
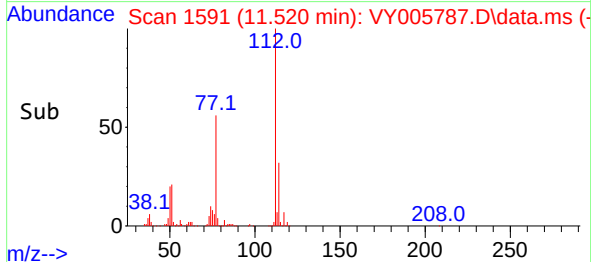
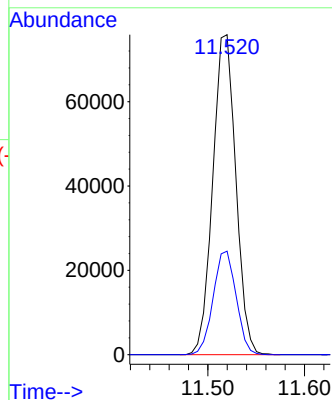
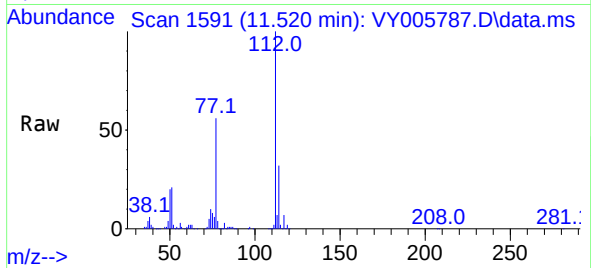
#65  
Chlorobenzene  
Concen: 23.138 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion:112 Resp: 125741  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.2 37.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

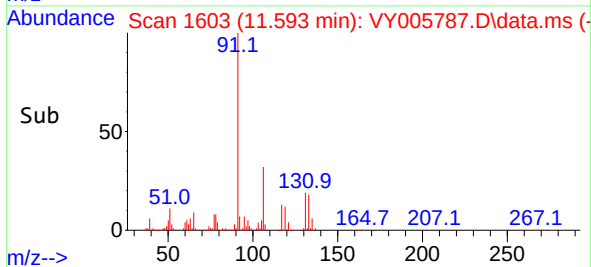
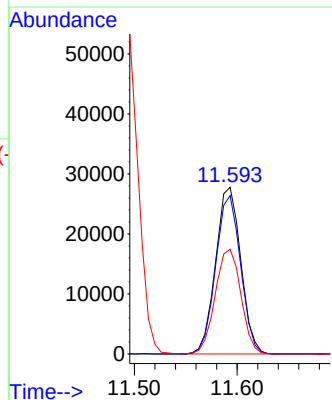
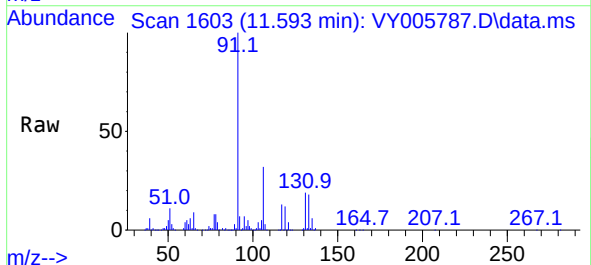
Manual Integrations  
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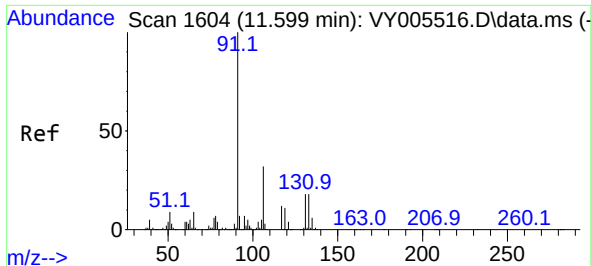
SAM  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.065 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion:131 Resp: 47175  
Ion Ratio Lower Upper  
131 100  
133 93.9 48.2 144.6  
119 64.2 31.4 94.0





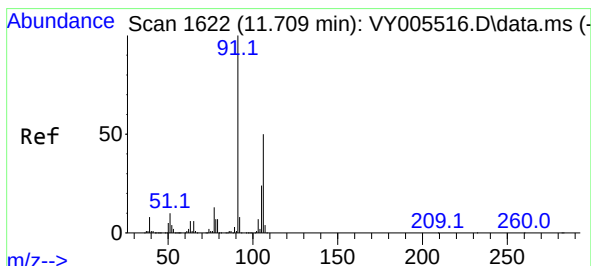
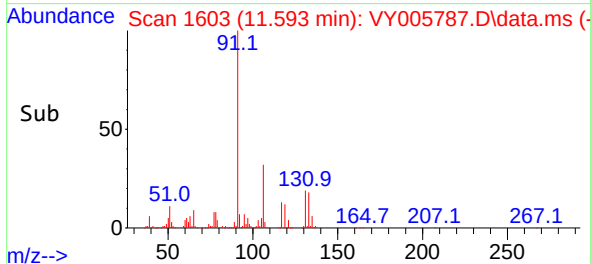
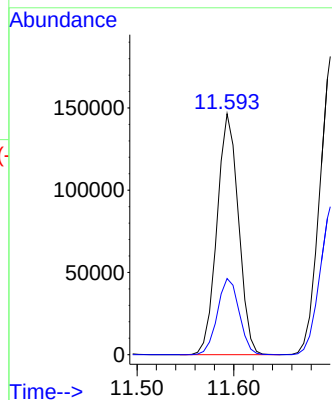
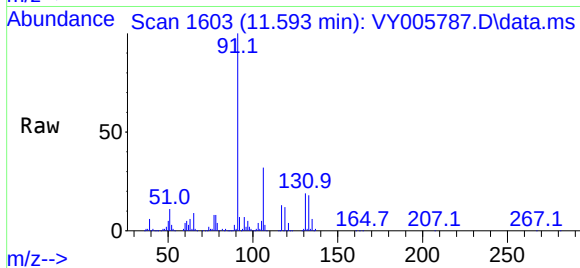
#67  
Ethyl Benzene  
Concen: 22.900 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 91 Resp: 225660  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.8 38.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

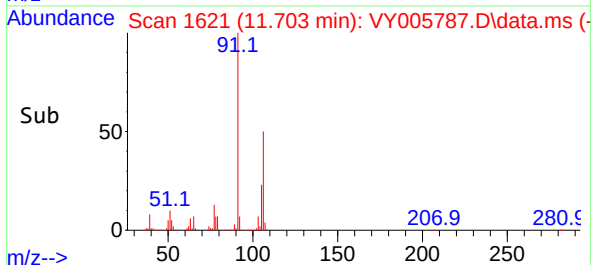
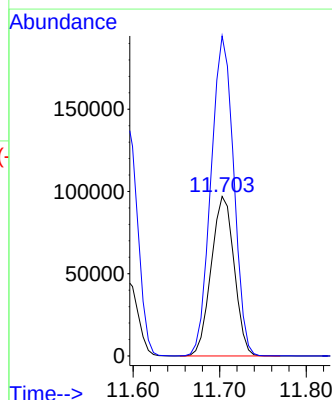
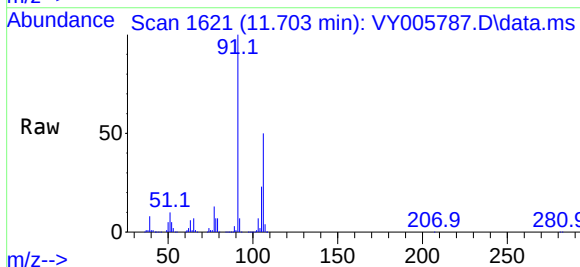
Manual Integrations  
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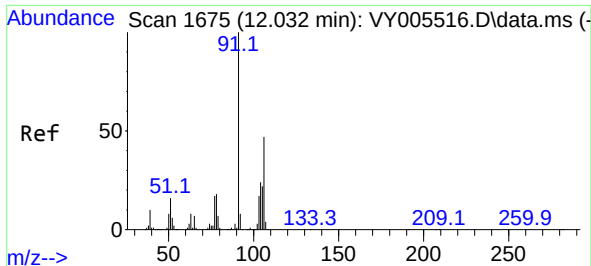
SAM  
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#68  
m/p-Xylenes  
Concen: 46.724 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion:106 Resp: 178831  
Ion Ratio Lower Upper  
106 100  
91 198.6 159.6 239.4





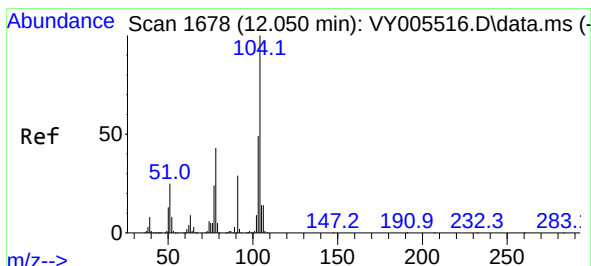
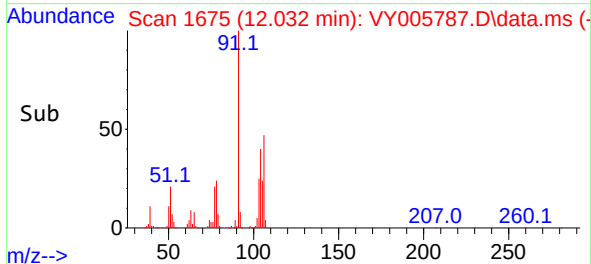
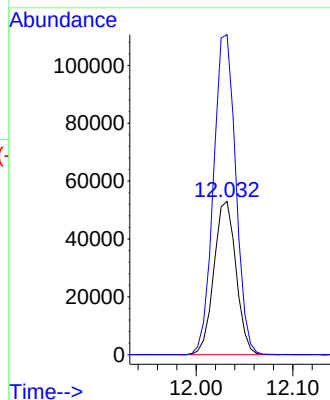
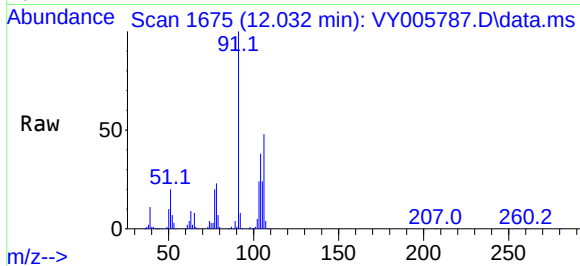
#69  
o-Xylene  
Concen: 22.903 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion:106 Resp: 84252  
Ion Ratio Lower Upper  
106 100  
91 210.2 106.2 318.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

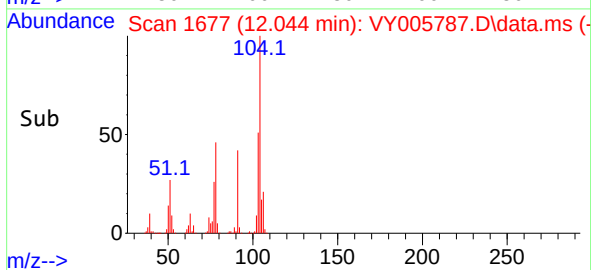
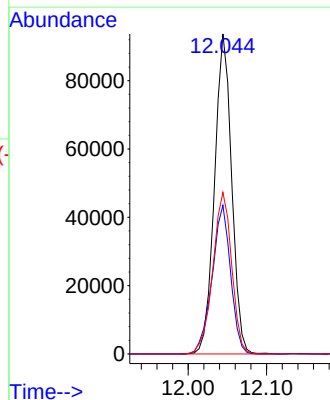
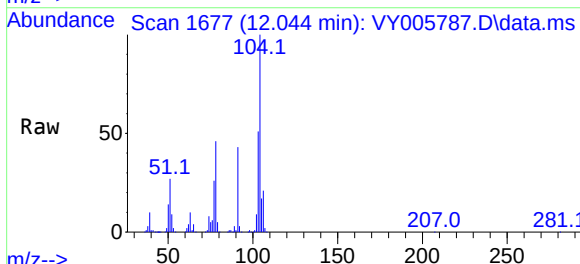
Manual Integrations  
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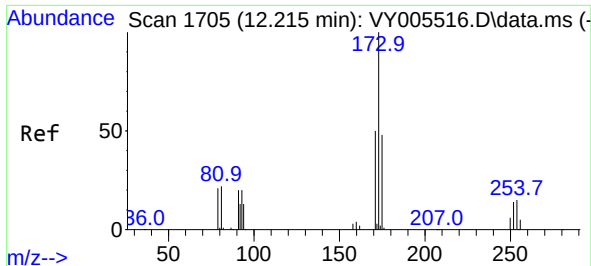
SAM  
8/23/2021 11:05:31 AM



#70  
Styrene  
Concen: 23.020 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion:104 Resp: 142538  
Ion Ratio Lower Upper  
104 100  
78 50.0 40.2 60.4  
103 55.5 43.8 65.8





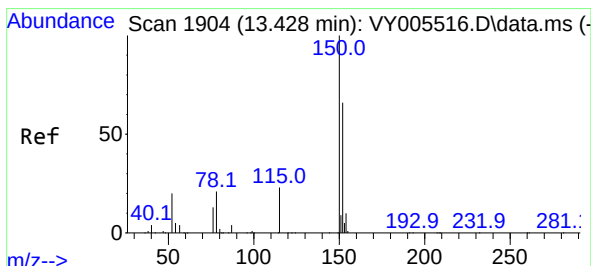
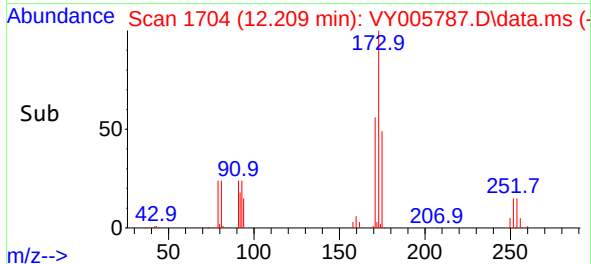
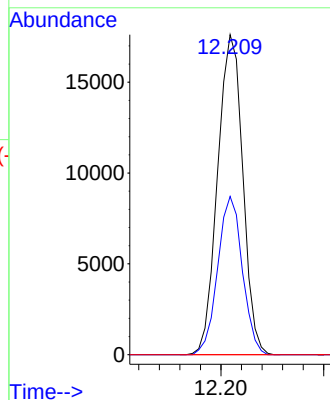
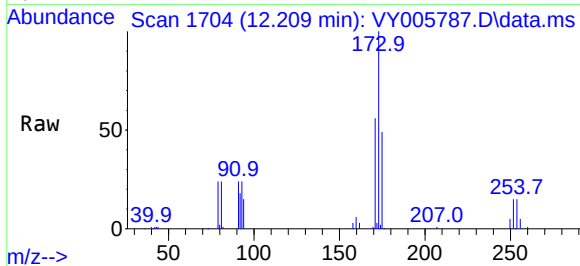
#71  
Bromoform  
Concen: 22.570 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion:173 Resp: 29937  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.3 72.9  
254 0.0 0.2 0.2#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

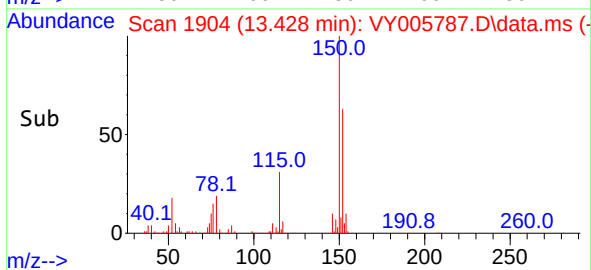
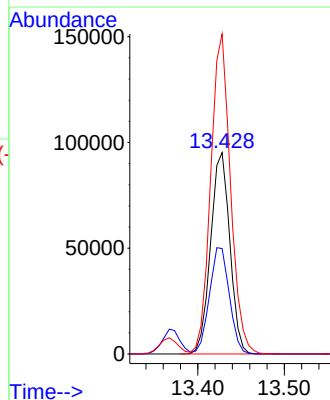
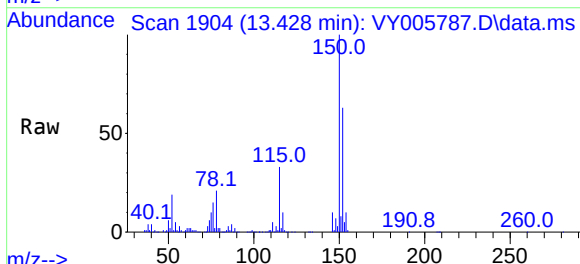
Manual Integrations  
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8/23/2021 11:05:31 AM

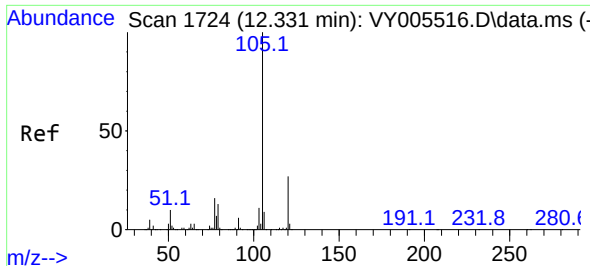


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

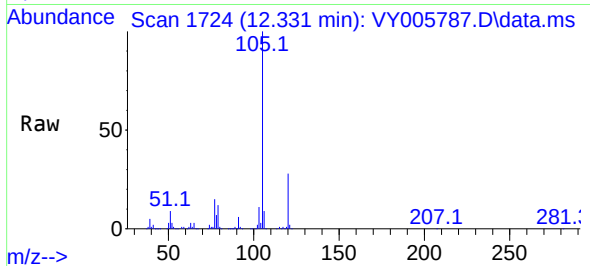
Tgt Ion:152 Resp: 146832  
Ion Ratio Lower Upper  
152 100  
115 54.5 27.3 81.9  
150 163.4 0.0 350.2



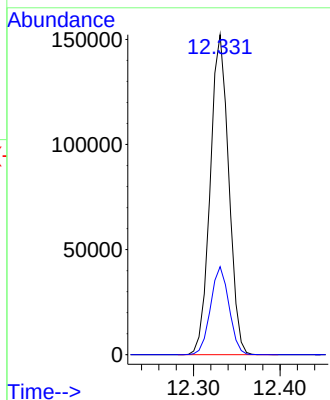
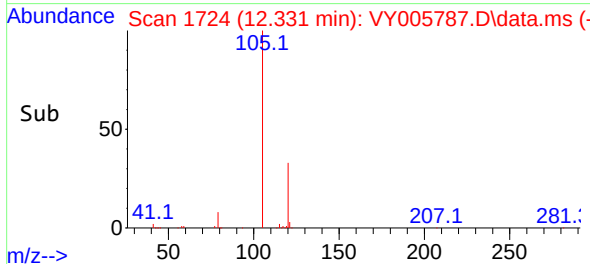




#73  
Isopropylbenzene  
Concen: 22.041 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42



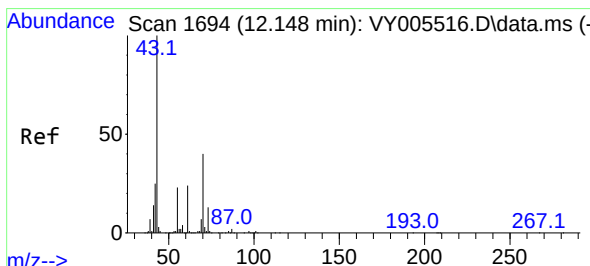
Tgt Ion:105 Resp: 225906  
Ion Ratio Lower Upper  
105 100  
120 27.4 13.7 41.1



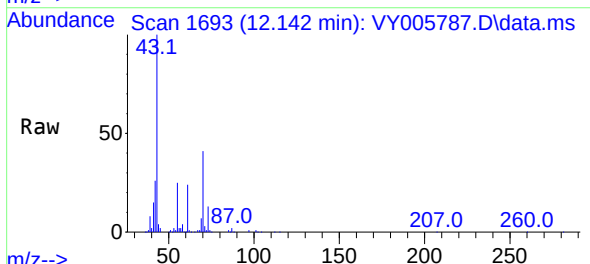
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

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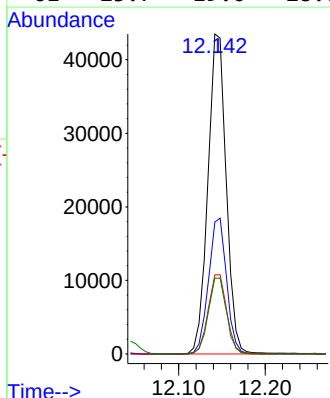
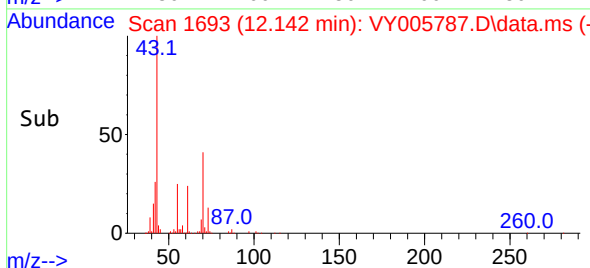
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8/23/2021 11:05:31 AM

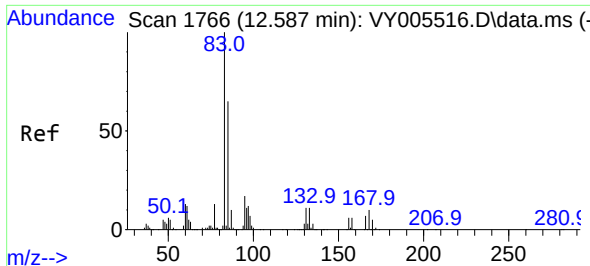


#74  
N-ethyl acetate  
Concen: 20.745 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42



Tgt Ion: 43 Resp: 64003  
Ion Ratio Lower Upper  
43 100  
70 41.9 32.9 49.3  
55 24.9 18.9 28.3  
61 23.7 19.0 28.6





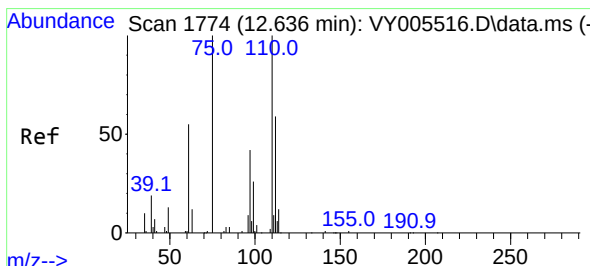
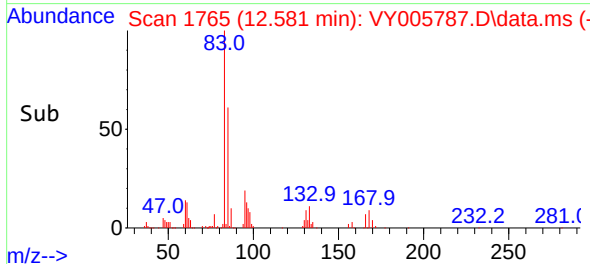
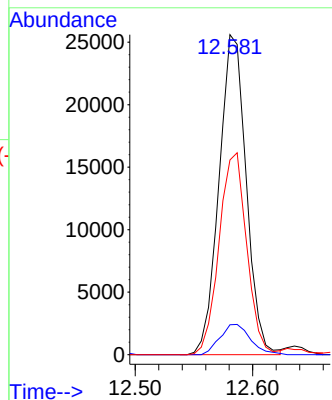
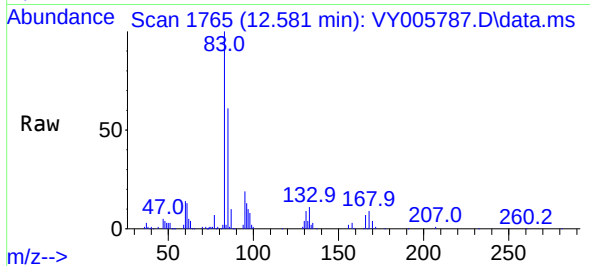
#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.881 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 83 Resp: 41163  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.6 16.8  
85 63.9 32.0 96.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

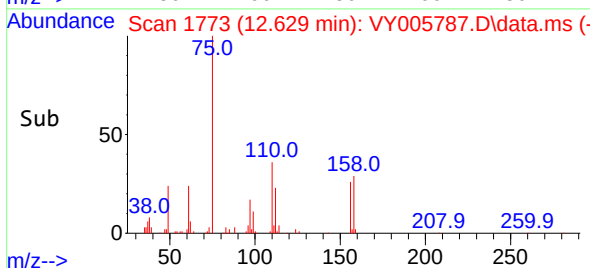
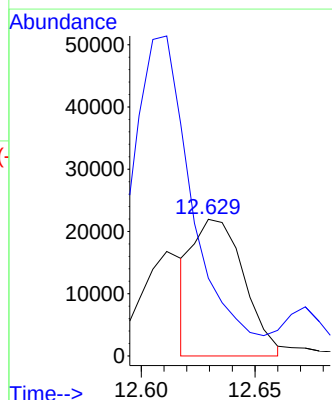
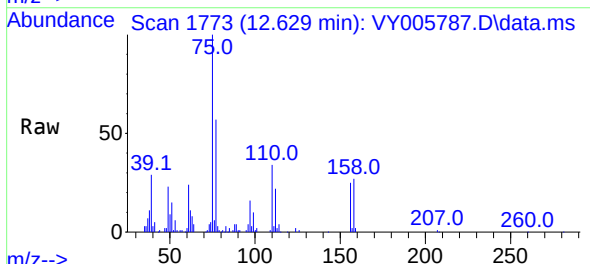
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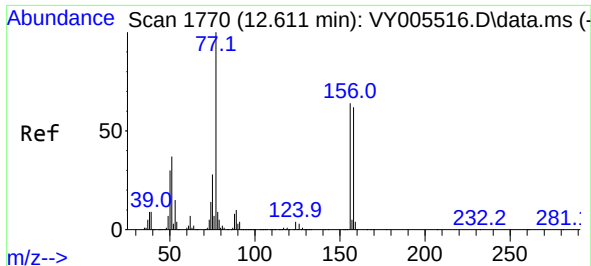
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#76  
1,2,3-Trichloropropane  
Concen: 22.602 ug/l m  
RT: 12.629 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 75 Resp: 34391  
Ion Ratio Lower Upper  
75 100  
77 278.8 0.0 0.0#





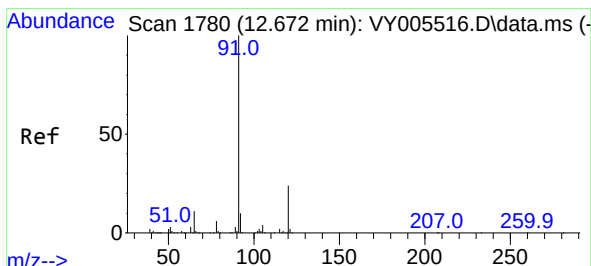
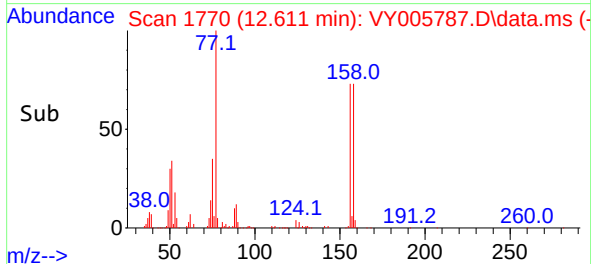
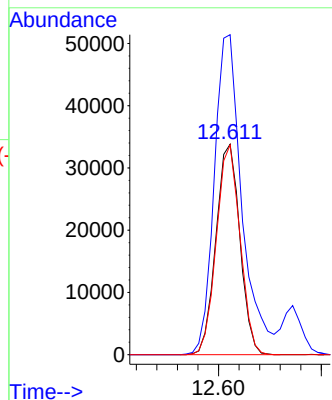
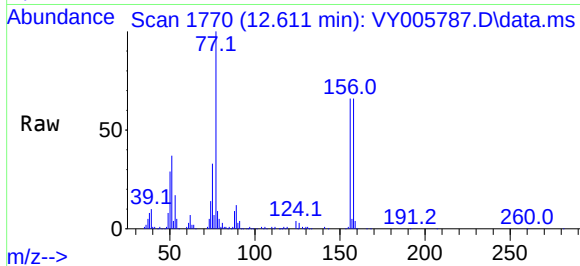
#77  
Bromobenzene  
Concen: 21.670 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 156 Resp: 54567  
Ion Ratio Lower Upper  
156 100  
77 175.7 85.5 256.5  
158 98.4 48.5 145.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

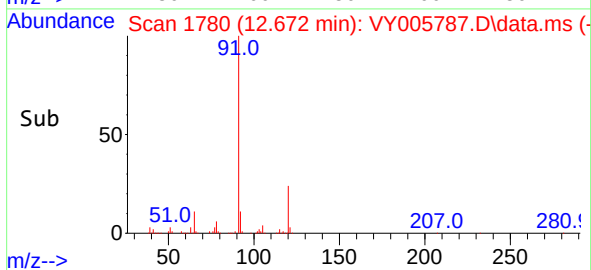
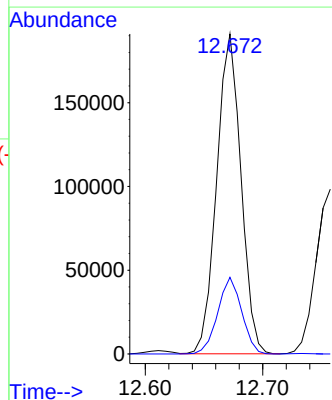
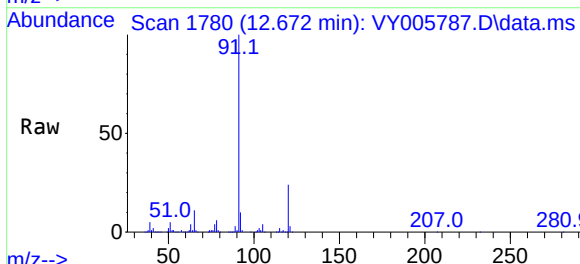
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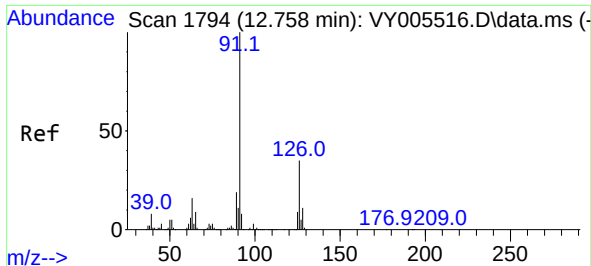
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#78  
n-propylbenzene  
Concen: 22.524 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 91 Resp: 274187  
Ion Ratio Lower Upper  
91 100  
120 23.6 11.9 35.9





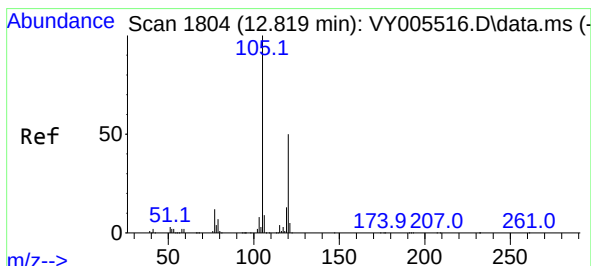
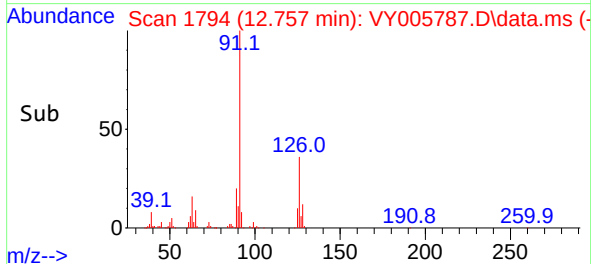
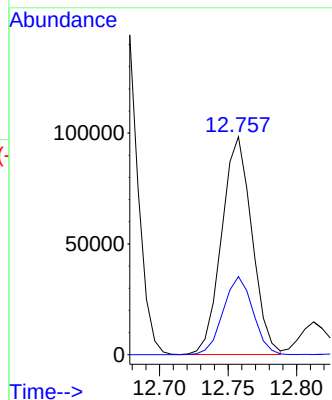
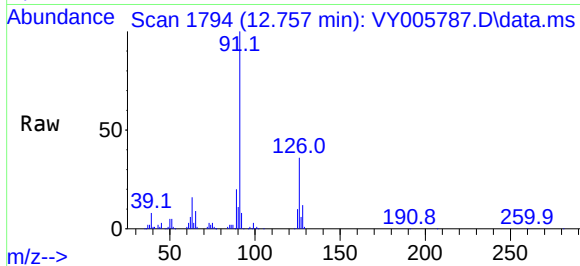
#79  
2-Chlorotoluene  
Concen: 22.109 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 91 Resp: 151127  
Ion Ratio Lower Upper  
91 100  
126 35.3 17.5 52.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

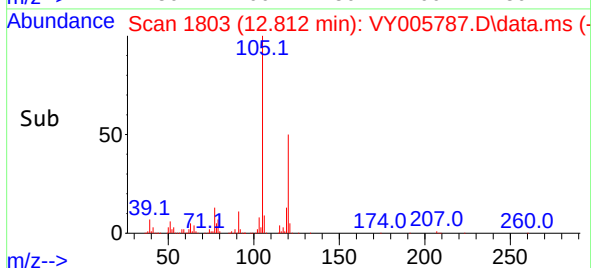
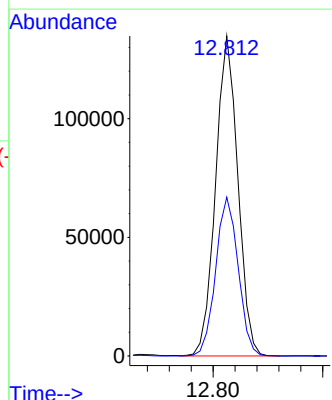
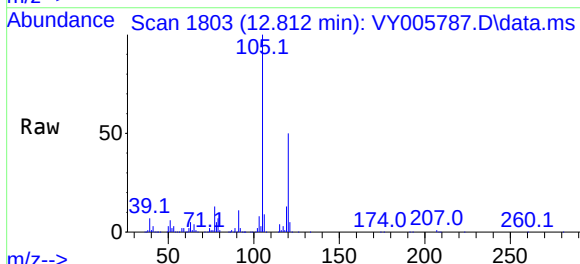
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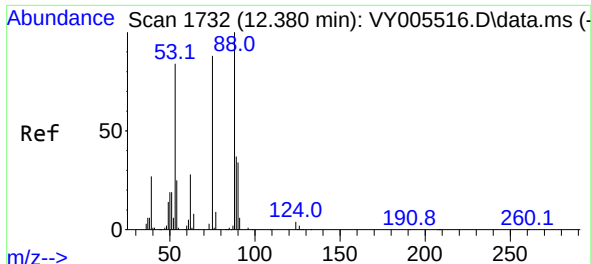
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#80  
1,3,5-Trimethylbenzene  
Concen: 22.377 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 105 Resp: 190339  
Ion Ratio Lower Upper  
105 100  
120 50.1 25.0 75.0





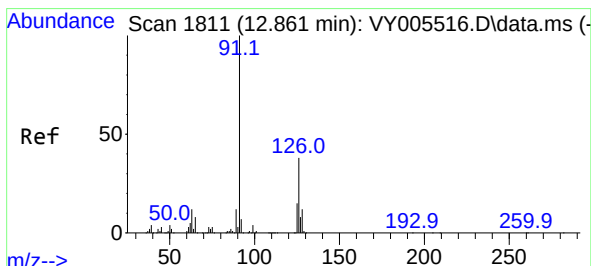
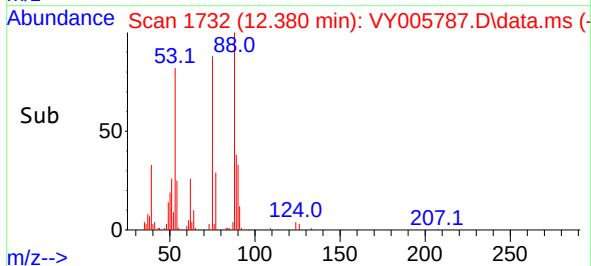
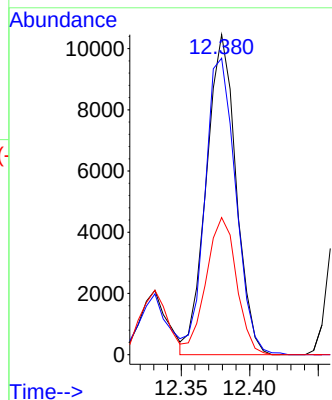
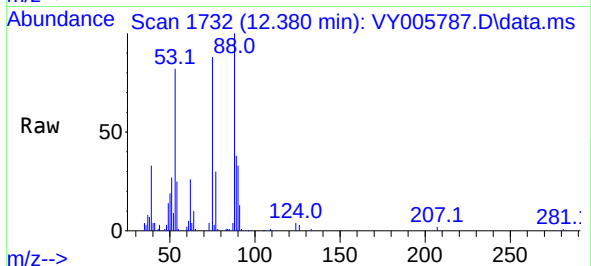
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.874 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 75 Resp: 15756  
Ion Ratio Lower Upper  
75 100  
53 95.9 76.7 115.1  
89 44.0 38.4 57.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

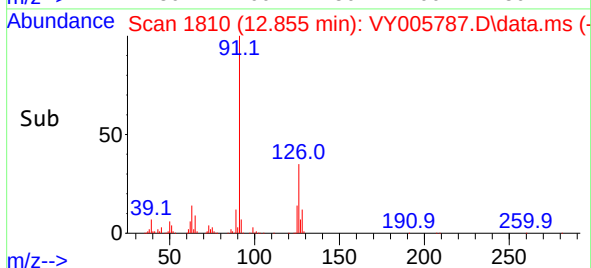
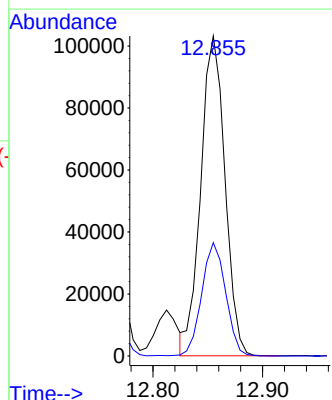
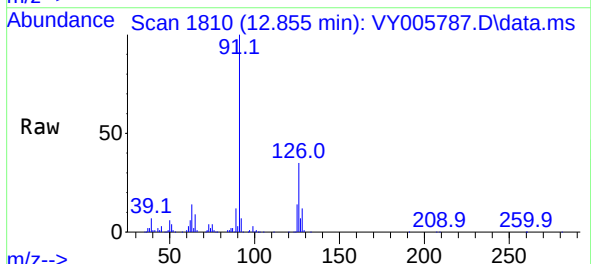
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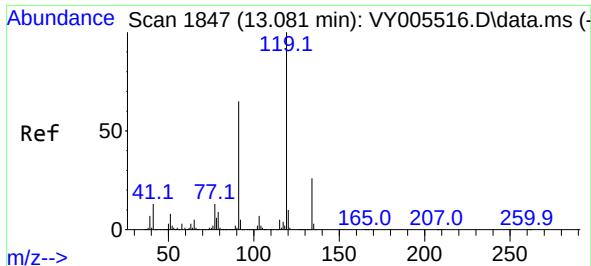
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#82  
4-Chlorotoluene  
Concen: 22.375 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion: 91 Resp: 158249  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.5 52.5





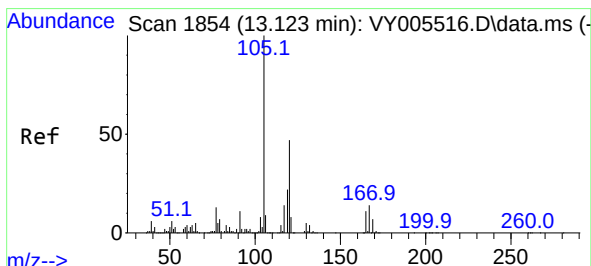
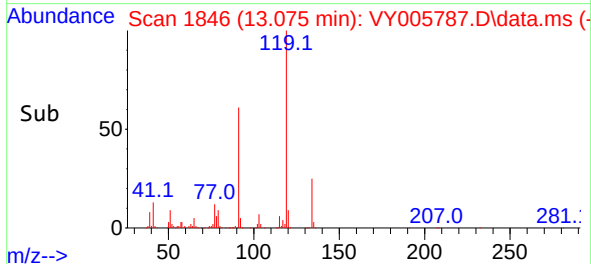
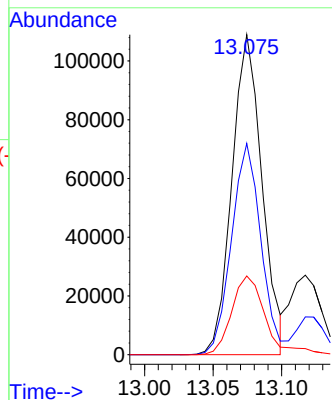
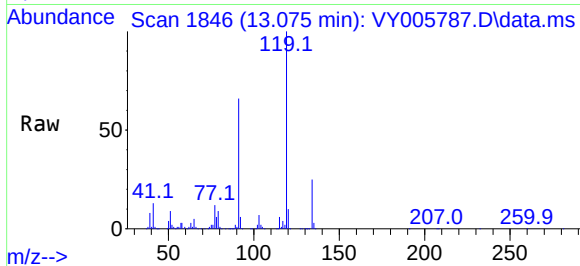
#83  
tert-Butylbenzene  
Concen: 21.784 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion:119 Resp: 166266  
Ion Ratio Lower Upper  
119 100  
91 65.3 31.9 95.9  
134 27.4 13.4 40.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

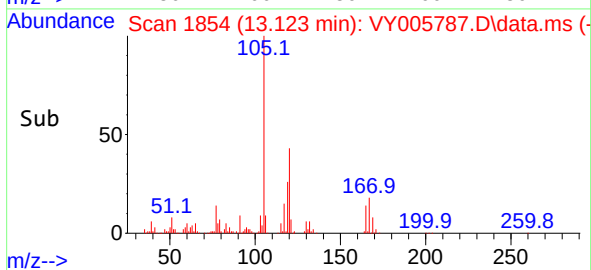
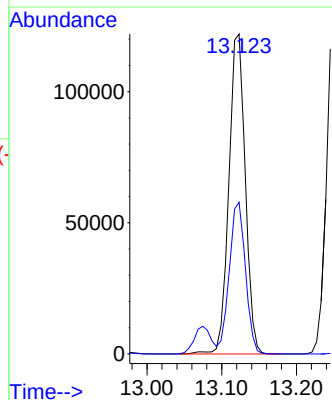
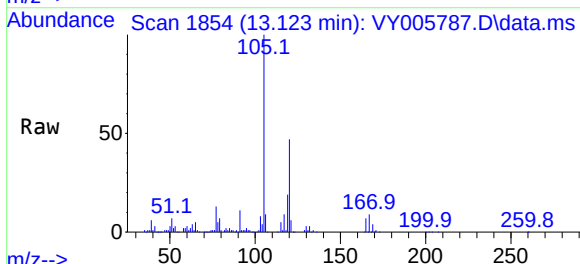
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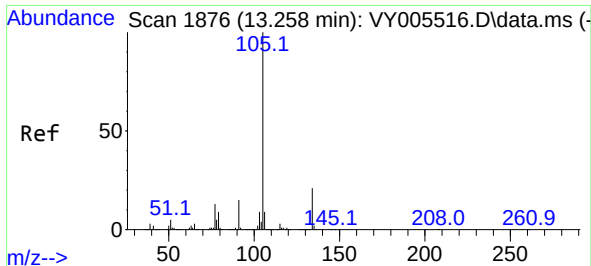
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#84  
1,2,4-Trimethylbenzene  
Concen: 22.204 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion:105 Resp: 186354  
Ion Ratio Lower Upper  
105 100  
120 46.8 22.9 68.5





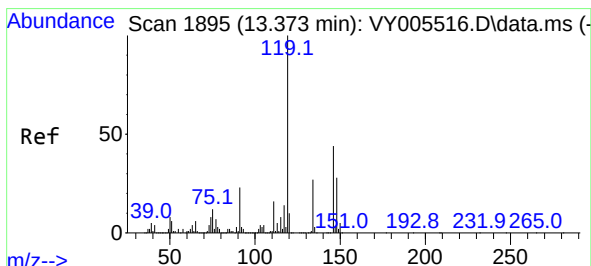
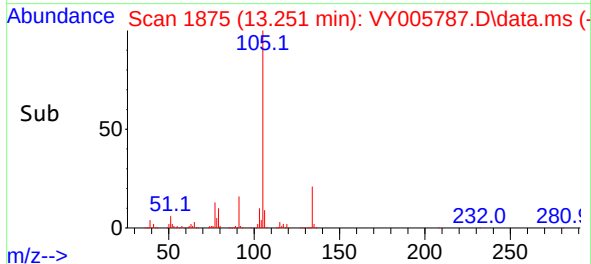
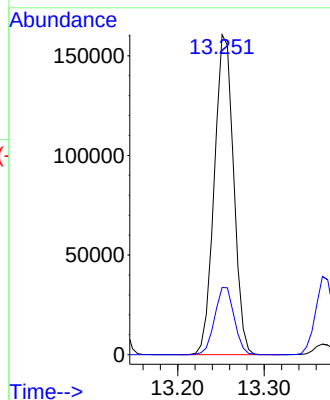
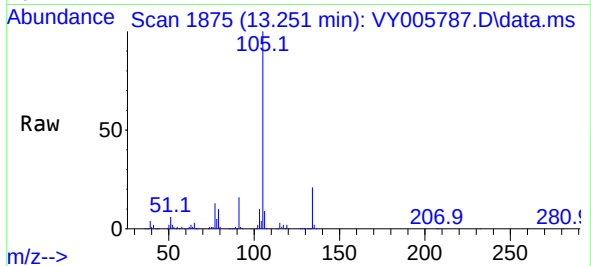
#85  
 sec-Butylbenzene  
 Concen: 22.566 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.006 min  
 Lab File: VY005787.D  
 Acq: 20 Aug 2021 12:42

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0820SBS01

Tgt Ion:105 Resp: 248426  
 Ion Ratio Lower Upper  
 105 100  
 134 21.2 10.5 31.5

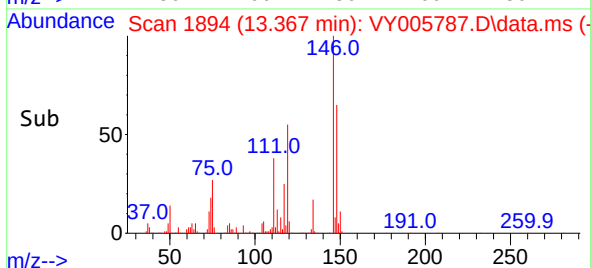
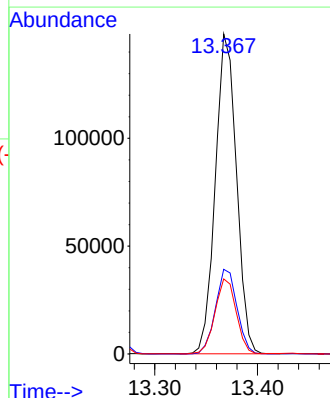
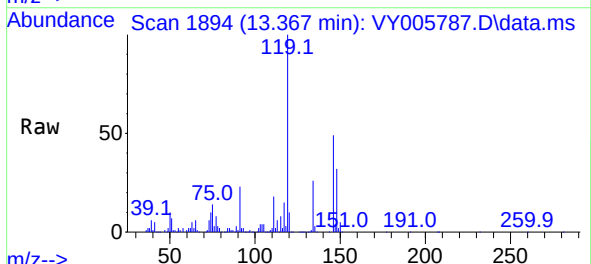
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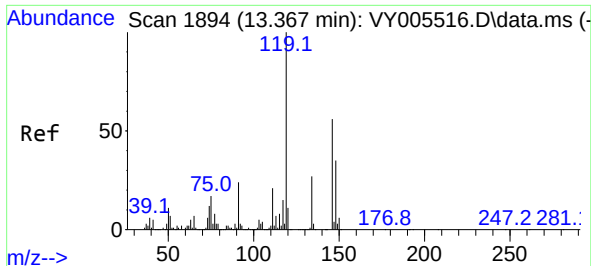
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#86  
 p-Isopropyltoluene  
 Concen: 22.356 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.006 min  
 Lab File: VY005787.D  
 Acq: 20 Aug 2021 12:42

Tgt Ion:119 Resp: 211303  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.6 40.7  
 91 23.5 11.6 34.7





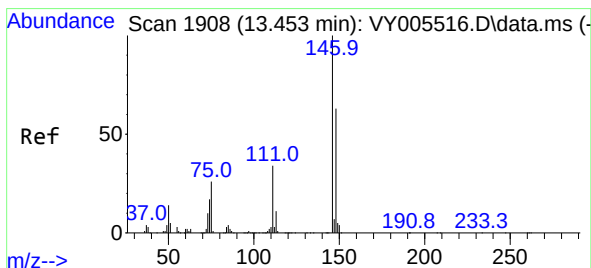
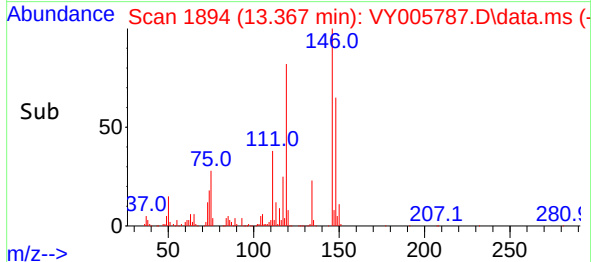
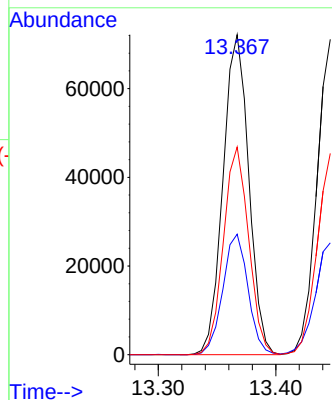
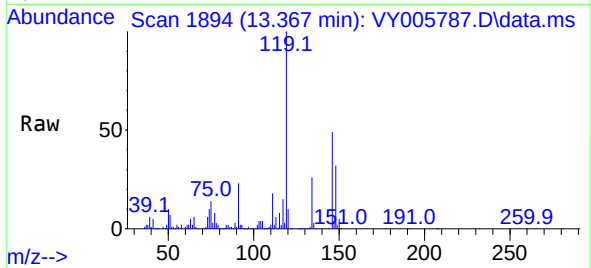
#87  
1,3-Dichlorobenzene  
Concen: 22.373 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion:146 Resp: 109930  
Ion Ratio Lower Upper  
146 100  
111 36.9 18.6 56.0  
148 63.6 31.7 95.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

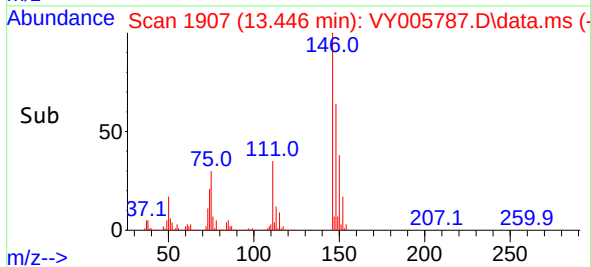
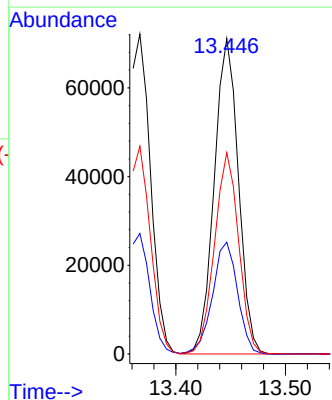
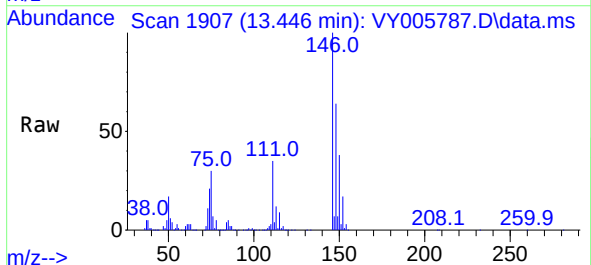
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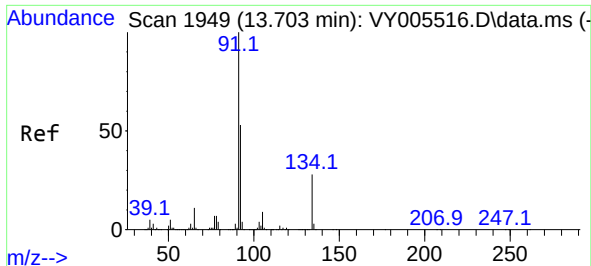


#88  
1,4-Dichlorobenzene  
Concen: 22.352 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

Tgt Ion:146 Resp: 108949  
Ion Ratio Lower Upper  
146 100  
111 36.9 18.1 54.3  
148 63.9 31.8 95.3







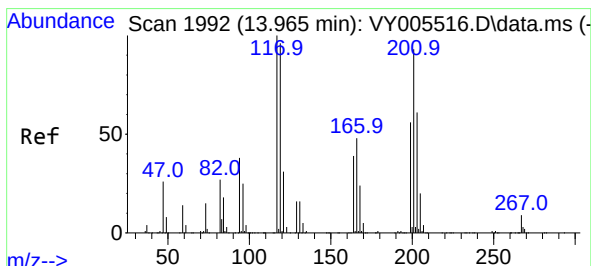
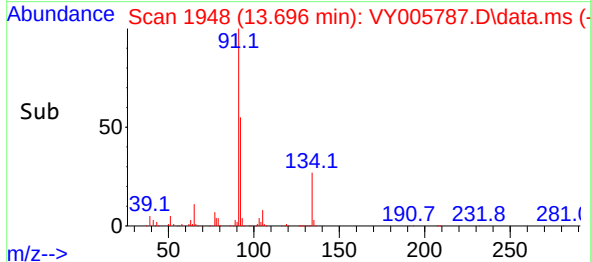
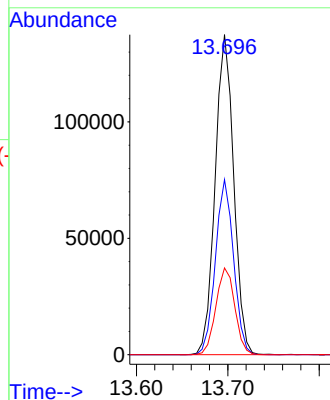
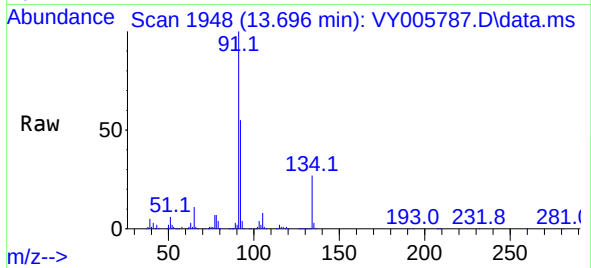
#89  
n-Butylbenzene  
Concen: 22.680 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 194206 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 53.6  | 26.7  | 80.1   |
| 134      | 27.6  | 13.8  | 41.4   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

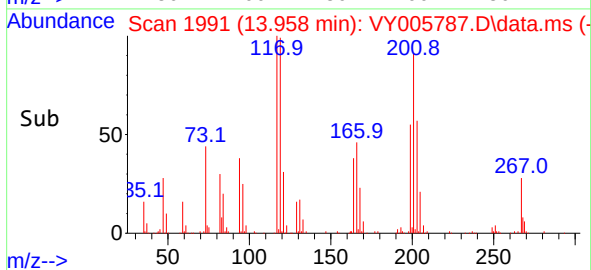
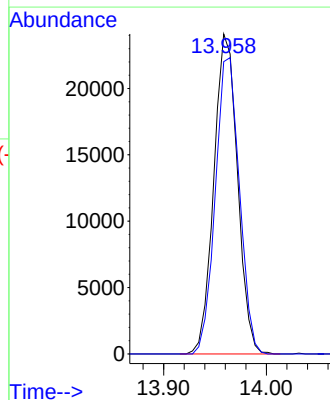
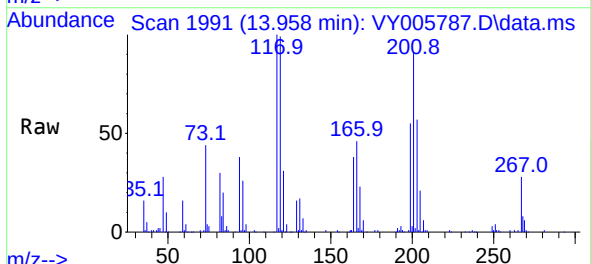
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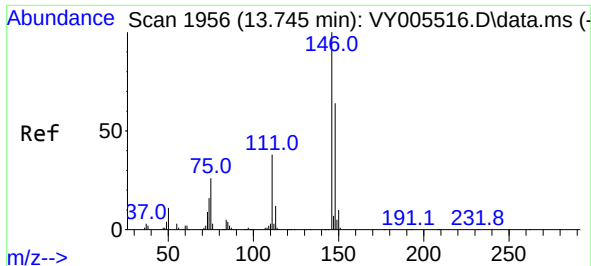
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#90  
Hexachloroethane  
Concen: 22.645 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 38481 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 94.1  | 46.7  | 140.1 |





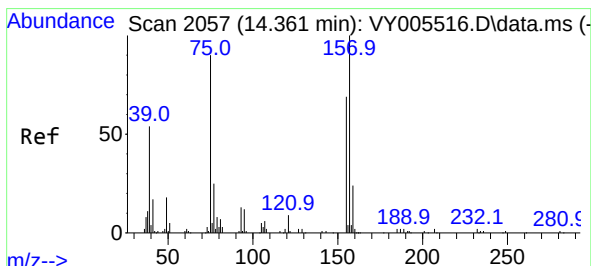
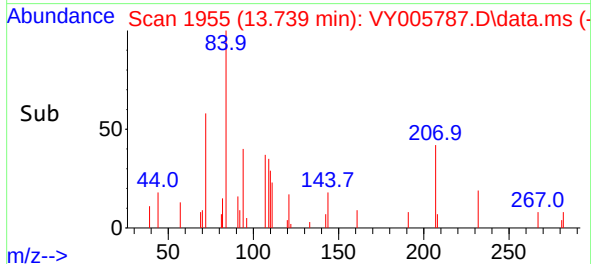
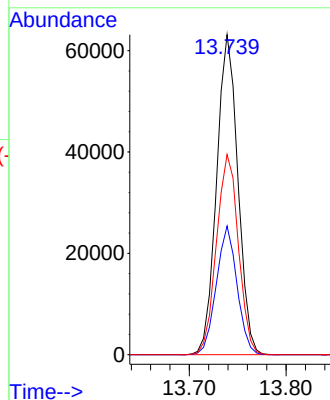
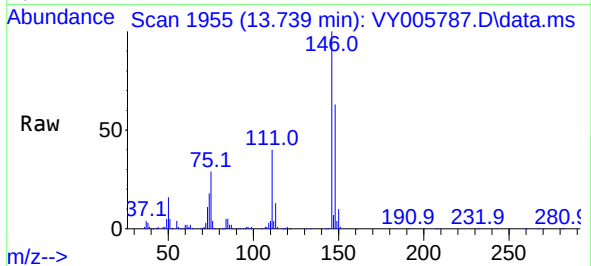
#91  
1,2-Dichlorobenzene  
Concen: 22.211 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 96394 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 39.1  | 19.4  | 58.2  |
| 148       | 64.4  | 31.9  | 95.5  |

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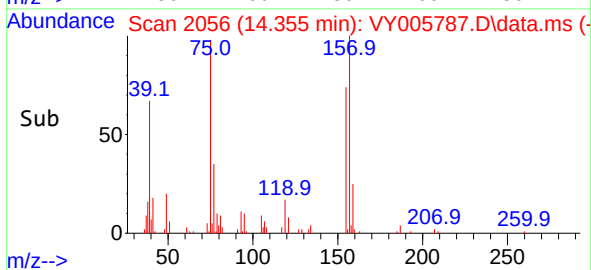
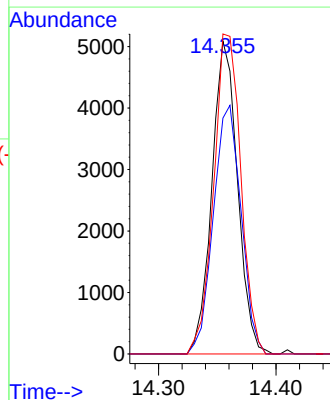
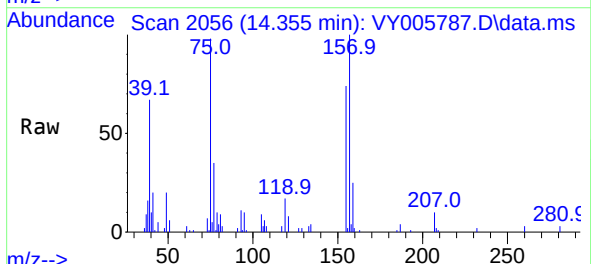
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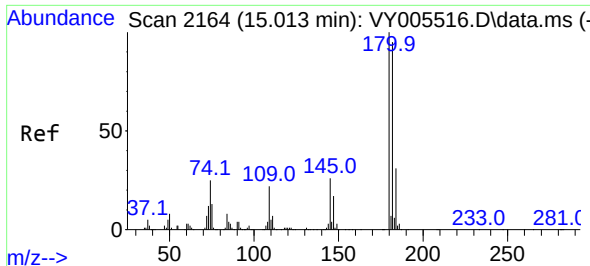
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.650 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

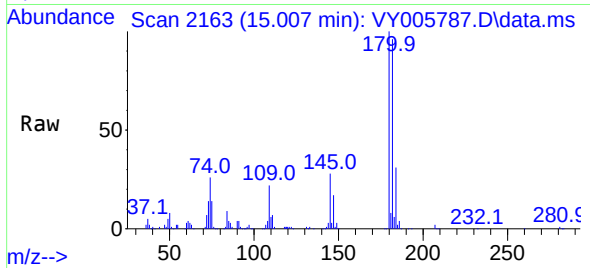
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 7717  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 86.0  | 42.4  | 127.1 |
| 157       | 108.4 | 56.0  | 168.2 |





#93  
1,2,4-Trichlorobenzene  
Concen: 22.116 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42

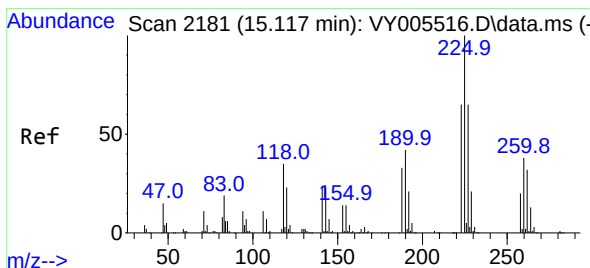
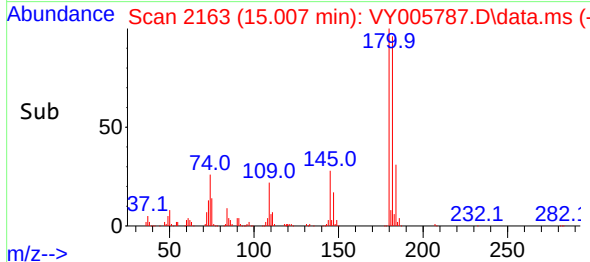
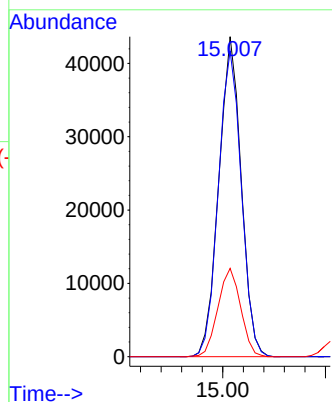
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



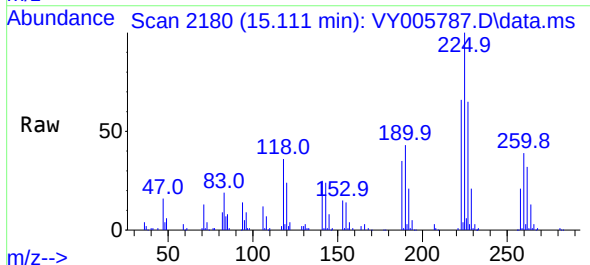
Tgt Ion:180 Resp: 65933  
Ion Ratio Lower Upper  
180 100  
182 97.7 47.8 143.4  
145 28.0 14.0 42.0

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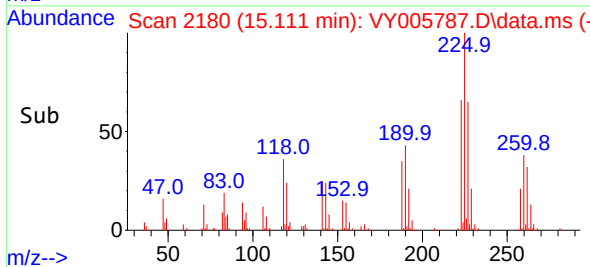
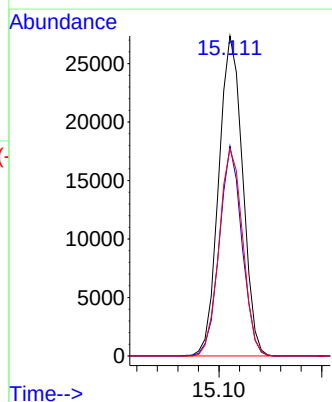
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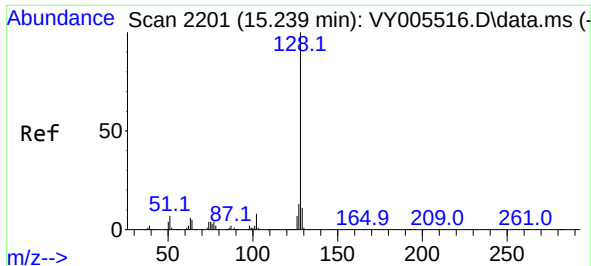


#94  
Hexachlorobutadiene  
Concen: 22.813 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.006 min  
Lab File: VY005787.D  
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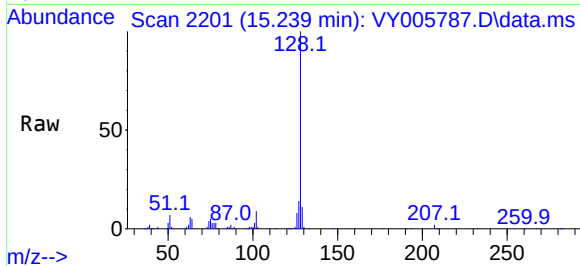


Tgt Ion:225 Resp: 44037  
Ion Ratio Lower Upper  
225 100  
223 62.2 31.4 94.0  
227 64.0 32.2 96.6

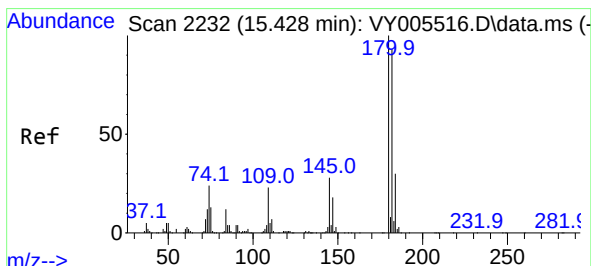
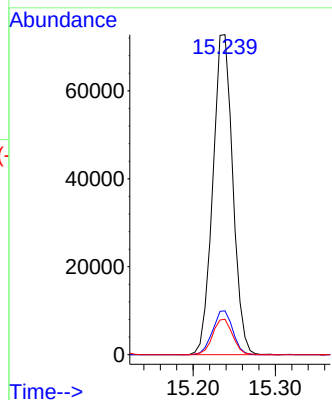
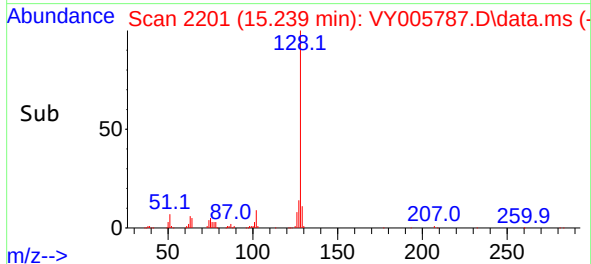




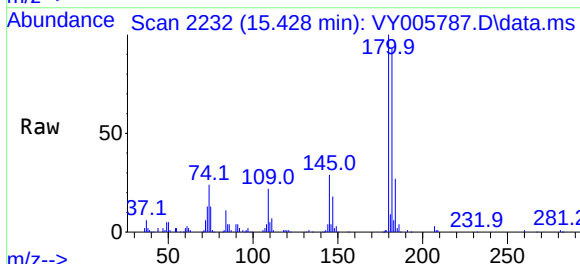
#95  
Naphthalene  
Concen: 20.834 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42



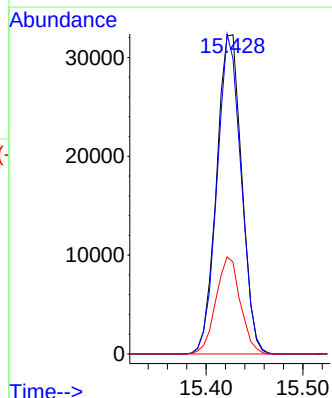
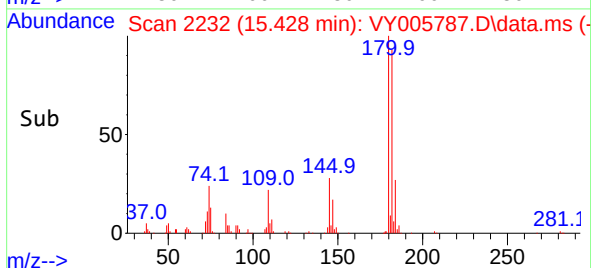
Tgt Ion:128 Resp: 122437  
Ion Ratio Lower Upper  
128 100  
127 13.8 10.6 15.8  
129 11.1 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 22.064 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY005787.D  
Acq: 20 Aug 2021 12:42



Tgt Ion:180 Resp: 58276  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.9 143.6  
145 29.5 14.6 44.0



Instrument :  
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