

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080421\  
 Data File : VY005527.D  
 Acq On : 04 Aug 2021 09:54  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 8/6/2021 5:40:12 PM

Quant Time: Aug 05 06:36:26 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   | 265270   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697  | 114   | 378109   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.496 | 117   | 339067   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 175140   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.149  | 65    | 122265   | 45.533   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 91.060%  |
| 35) Dibromofluoromethane     | 7.722  | 113   | 103101   | 48.703   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 97.400%  |
| 50) Toluene-d8               | 10.185 | 98    | 436956   | 49.216   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 98.440%  |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 140731   | 47.867   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 95.740%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.912  | 85    | 98205    | 45.074   | ug/l   | 98       |
| 3) Chloromethane             | 2.119  | 50    | 120201   | 46.186   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.259  | 62    | 147470   | 47.307   | ug/l   | 98       |
| 5) Bromomethane              | 2.662  | 94    | 101137   | 49.290   | ug/l   | 97       |
| 6) Chloroethane              | 2.802  | 64    | 93396    | 49.635   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.137  | 101   | 216093   | 51.774   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.540  | 74    | 68632    | 47.081   | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 3.912  | 101   | 120160   | 53.076   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.101  | 142   | 142322   | 50.460   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 4.966  | 59    | 51240    | 193.031  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 3.881  | 96    | 120844   | 52.860   | ug/l   | 99       |
| 13) Acrolein                 | 3.741  | 56    | 37786    | 235.931  | ug/l   | 97       |
| 14) Allyl chloride           | 4.491  | 41    | 207957   | 51.936   | ug/l   | 99       |
| 15) Acrylonitrile            | 5.174  | 53    | 164583   | 220.302  | ug/l   | 100      |
| 16) Acetone                  | 3.960  | 43    | 185710   | 274.312  | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.204  | 76    | 360430   | 51.146   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.491  | 43    | 72799    | 41.115   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.228  | 73    | 316401   | 44.676   | ug/l   | 97       |
| 20) Methylene Chloride       | 4.729  | 84    | 150885   | 57.088   | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.228  | 96    | 123478   | 48.311   | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.125  | 45    | 364626   | 44.141   | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.070  | 43    | 1160438  | 211.092  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.027  | 63    | 209383   | 45.739   | ug/l   | 100      |
| 25) 2-Butanone               | 6.990  | 43    | 203600   | 203.449  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 6.990  | 77    | 202797   | 48.487   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 6.990  | 96    | 130740   | 44.975   | ug/l   | 98       |
| 28) Bromochloromethane       | 7.344  | 49    | 78835    | 43.147   | ug/l   | 98       |
| 29) Tetrahydrofuran          | 7.356  | 42    | 121039   | 182.864  | ug/l   | 99       |
| 30) Chloroform               | 7.515  | 83    | 215361   | 46.092   | ug/l   | 99       |
| 31) Cyclohexane              | 7.789  | 56    | 200365   | 43.502   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 7.710  | 97    | 203872   | 47.466   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.923  | 75    | 168084   | 47.396   | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.082  | 43    | 82187    | 38.254   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 7.905  | 117   | 192277   | 49.885   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.185  | 83    | 215121   | 47.678   | ug/l   | 100      |
| 40) Benzene                  | 8.167  | 78    | 473571   | 46.632   | ug/l   | 99       |

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

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 8/6/2021 5:40:12 PM

Quant Time: Aug 05 06:36:26 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         | 7.332  | 41   | 58747m   | 50.396  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 148163   | 44.977  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 165736   | 40.746  | ug/l   | 99       |
| 44) Trichloroethene           | 8.947  | 130  | 132630   | 47.851  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 117054   | 46.072  | ug/l   | 99       |
| 46) Dibromomethane            | 9.313  | 93   | 61457    | 43.747  | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.502  | 83   | 162960   | 46.350  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.295  | 41   | 76342    | 41.529  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 15837    | 811.153 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 426956   | 199.317 | ug/l   | 99       |
| 52) Toluene                   | 10.246 | 92   | 309272   | 47.760  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 176561   | 44.935  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 197075   | 46.216  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 88626    | 43.601  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 129288   | 42.478  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 156840   | 43.756  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 332046   | 228.320 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 313558   | 207.102 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.990 | 129  | 112647   | 44.781  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 83902    | 43.576  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 125486   | 48.621  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.520 | 112  | 330738   | 48.473  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 123588   | 48.125  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 604363   | 48.847  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 469989   | 97.802  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 225070   | 48.729  | ug/l   | 100      |
| 70) Styrene                   | 12.044 | 104  | 376828   | 48.470  | ug/l   | 99       |
| 71) Bromoform                 | 12.215 | 173  | 75627    | 45.411  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 607453   | 49.688  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 156439   | 42.509  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 99430    | 42.286  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 86735m   | 47.789  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 141709   | 47.180  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 718380   | 49.476  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 396317   | 48.608  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 501395   | 49.419  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 38313    | 42.554  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 404992   | 48.007  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.081 | 119  | 452649   | 49.720  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 493356   | 49.281  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 648224   | 49.365  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 557601   | 49.460  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 283703   | 48.408  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 278231   | 47.856  | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.703 | 91   | 506741   | 49.614  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.965 | 117  | 100025   | 49.349  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 245555   | 47.435  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 17968    | 40.310  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 172097   | 48.396  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 116291   | 50.506  | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 307560   | 43.875  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 149738   | 47.529  | ug/l   | 100      |

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

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

MMDadoda  
8/6/2021 5:40:12 PM

Quant Time: Aug 05 06:36:26 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) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

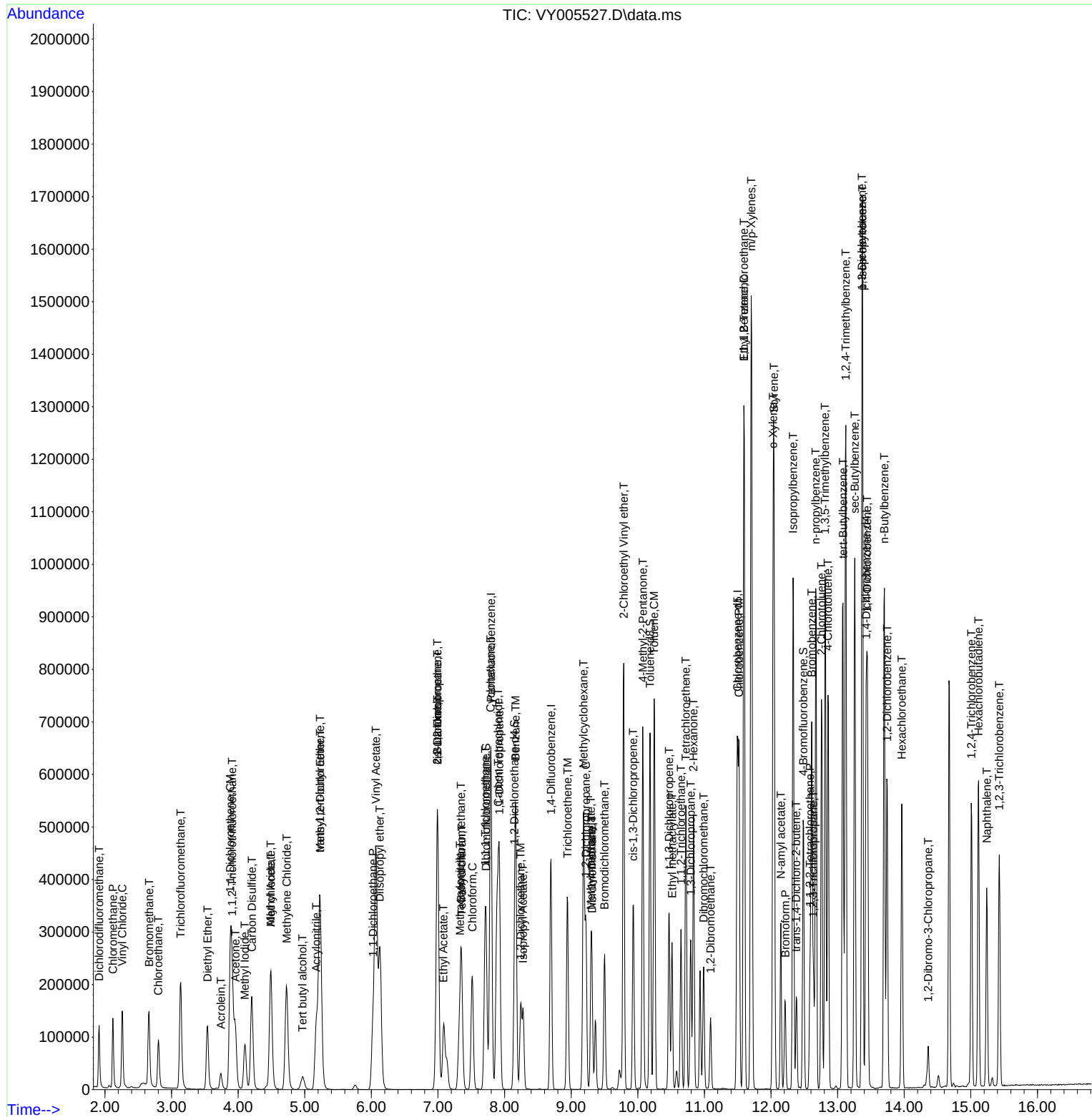
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 Data File : VY0805527.D  
 Acq On : 04 Aug 2021 09:54  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

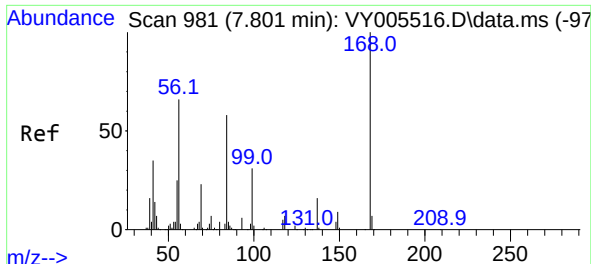
Instrument :  
 MSVOA\_Y  
 Client Sample Id :  
 VSTDCCC050

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 QLast Update : Tue Aug 03 04:52:05 2021  
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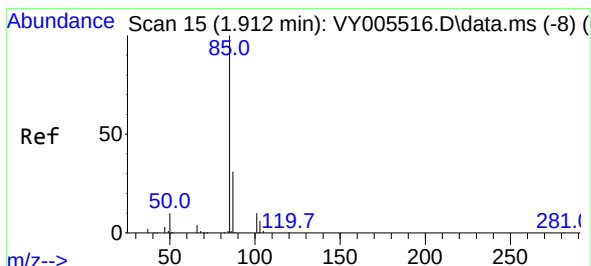
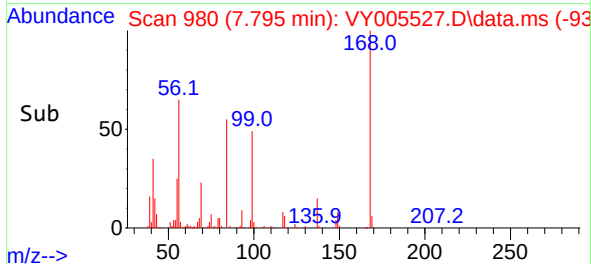
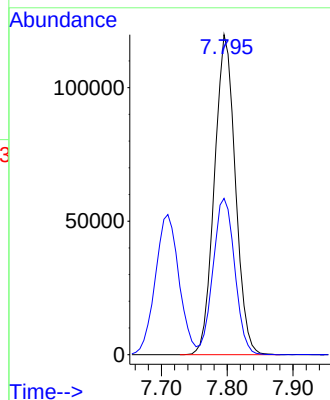
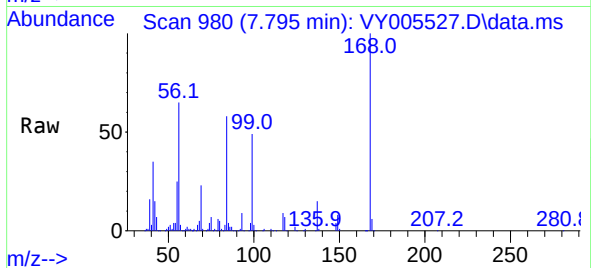
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 168 Resp: 265270  
Ion Ratio Lower Upper  
168 100  
99 48.8 38.9 58.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

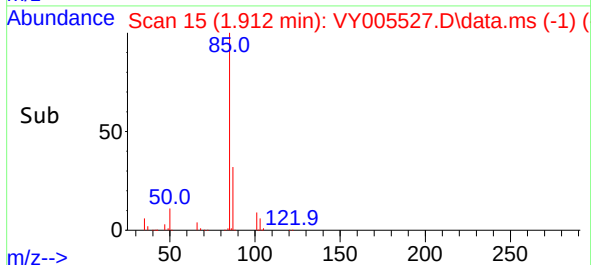
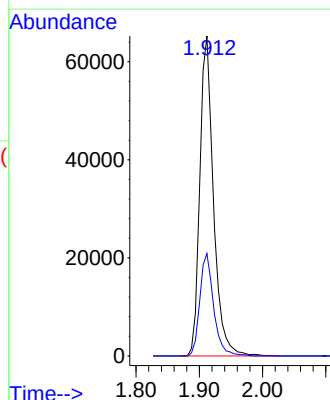
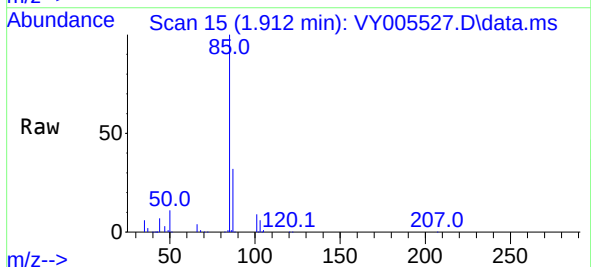
Manual Integrations  
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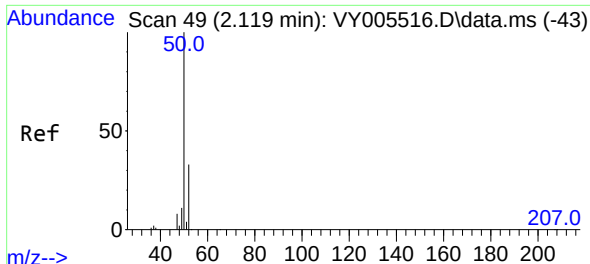
MMDadoda  
8/6/2021 5:40:12 PM



#2  
Dichlorodifluoromethane  
Concen: 45.074 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

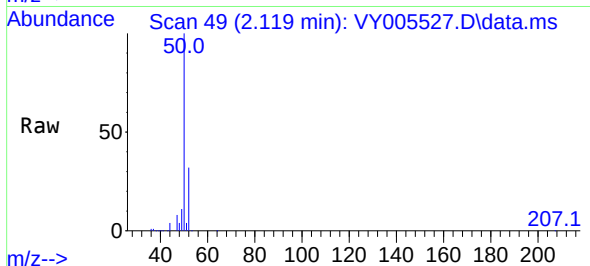
Tgt Ion: 85 Resp: 98205  
Ion Ratio Lower Upper  
85 100  
87 32.0 15.4 46.2





#3  
Chloromethane  
Concen: 46.186 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

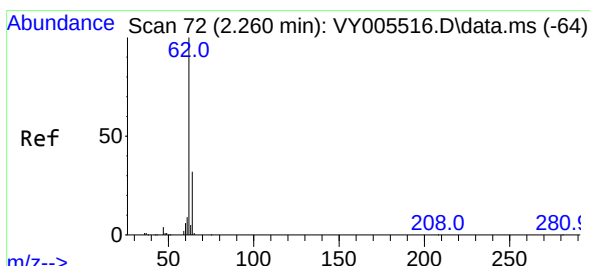
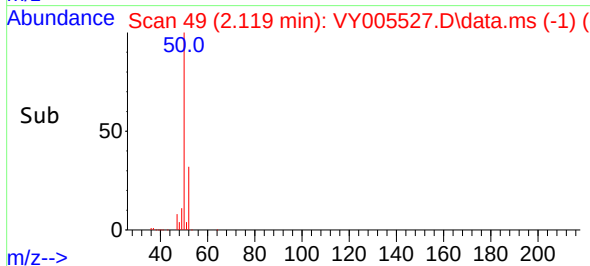
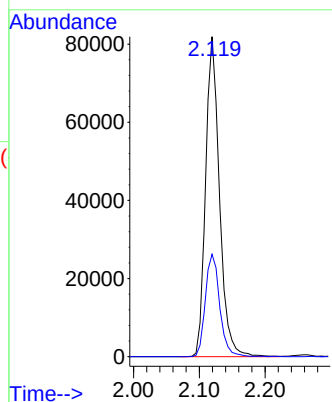
Instrument :  
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ClientSampleId :  
VSTDCCC050



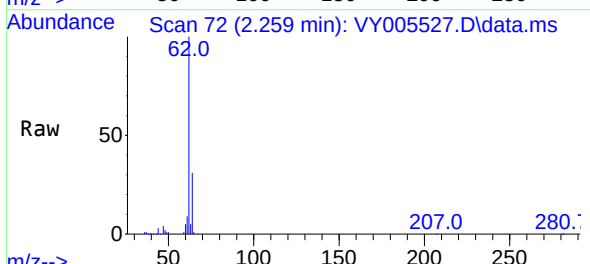
Tgt Ion: 50 Resp: 120201  
Ion Ratio Lower Upper  
50 100  
52 32.0 26.4 39.6

Manual Integrations  
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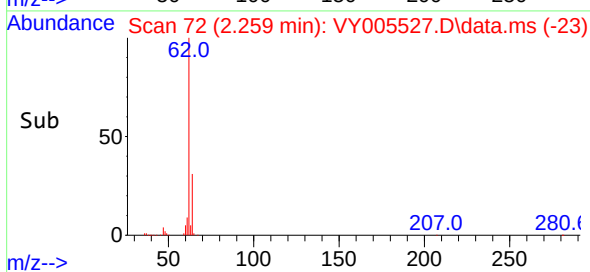
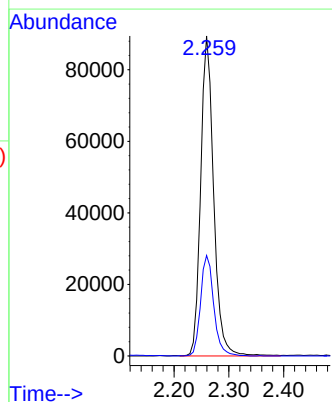
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8/6/2021 5:40:12 PM

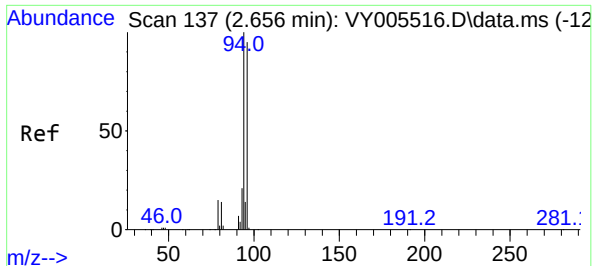


#4  
Vinyl Chloride  
Concen: 47.307 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54



Tgt Ion: 62 Resp: 147470  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.9 38.9





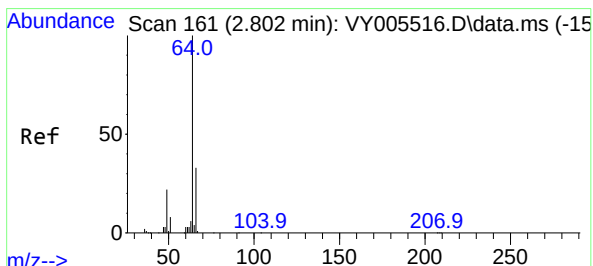
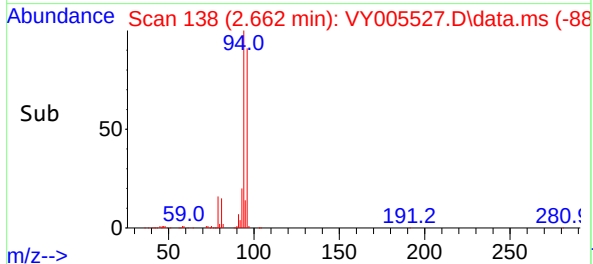
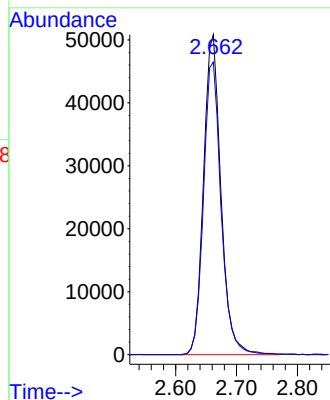
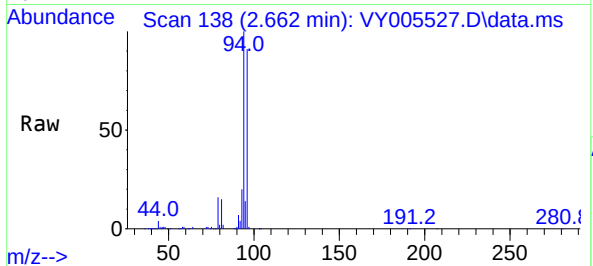
#5  
Bromomethane  
Concen: 49.290 ug/l  
RT: 2.662 min Scan# 138  
Delta R.T. 0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 94 Resp: 101137  
Ion Ratio Lower Upper  
94 100  
96 91.5 75.7 113.5

Instrument :  
MSVOA\_Y  
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VSTDCCC050

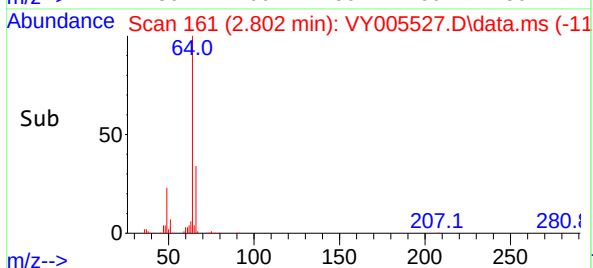
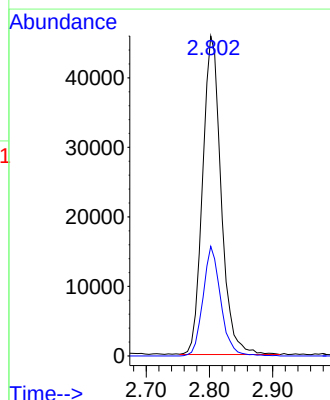
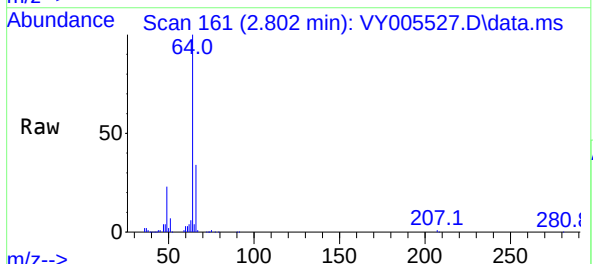
Manual Integrations  
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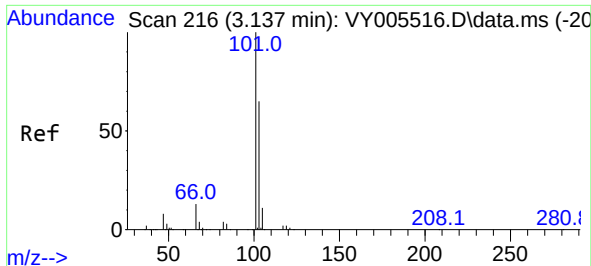
MMDadoda  
8/6/2021 5:40:12 PM



#6  
Chloroethane  
Concen: 49.635 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 64 Resp: 93396  
Ion Ratio Lower Upper  
64 100  
66 34.4 26.1 39.1





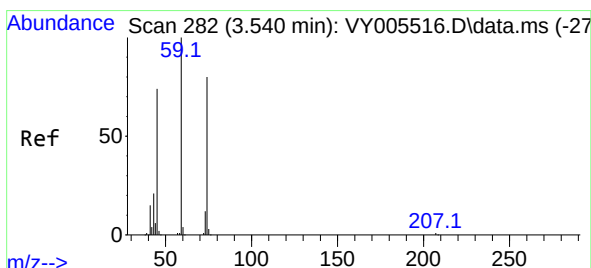
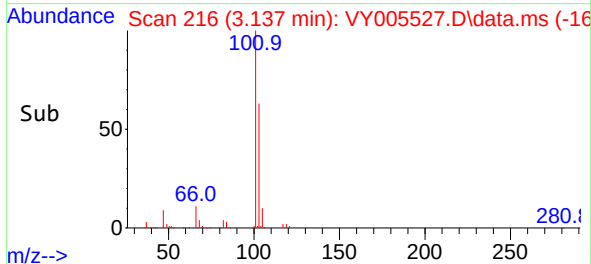
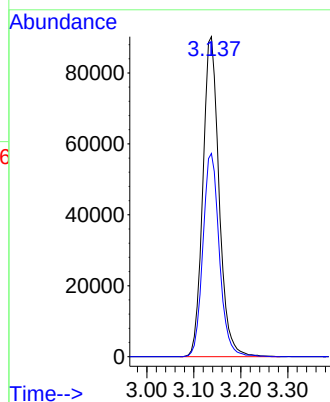
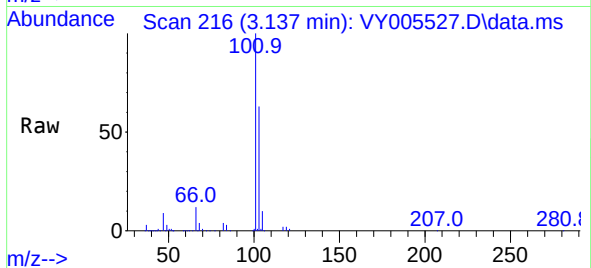
#7  
Trichlorofluoromethane  
Concen: 51.774 ug/l  
RT: 3.137 min Scan# 216  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 101 Resp: 216093  
Ion Ratio Lower Upper  
101 100  
103 63.5 52.2 78.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

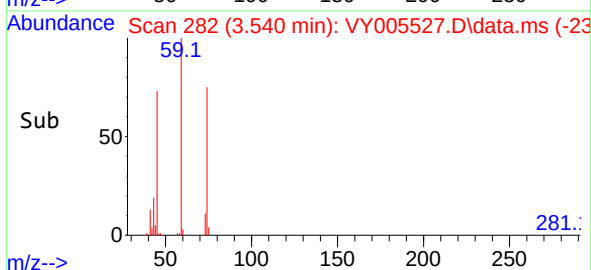
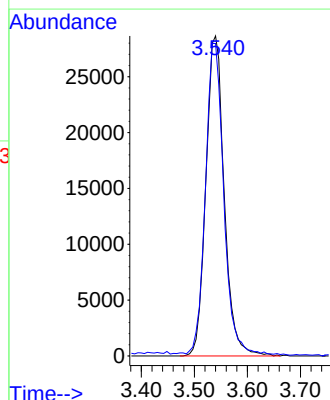
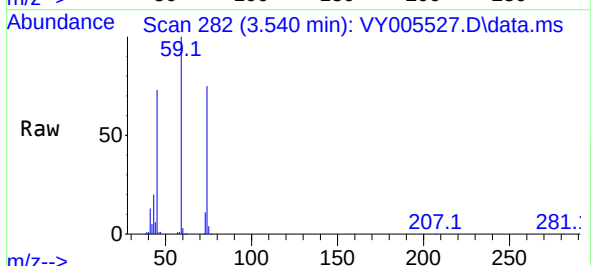
Manual Integrations  
APPROVED

MMDadoda  
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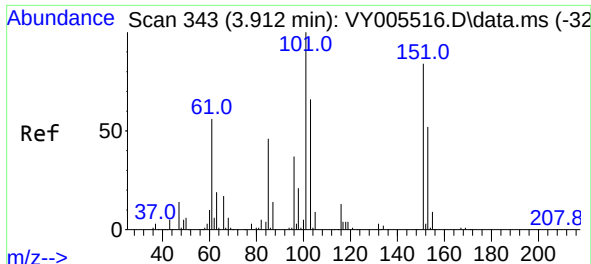


#8  
Diethyl Ether  
Concen: 47.081 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 74 Resp: 68632  
Ion Ratio Lower Upper  
74 100  
45 98.2 47.2 141.6

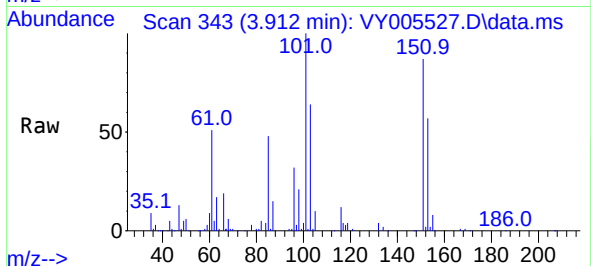






#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 53.076 ug/l  
RT: 3.912 min Scan# 343  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

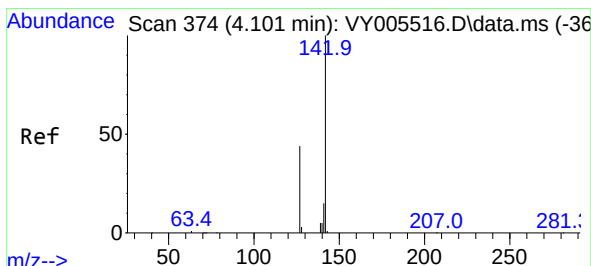
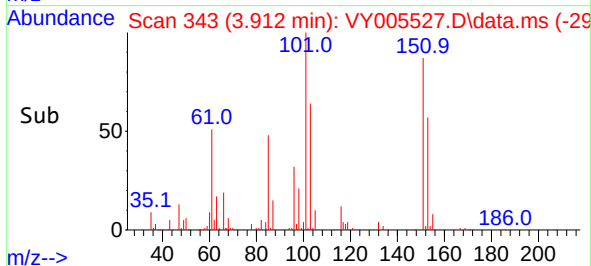
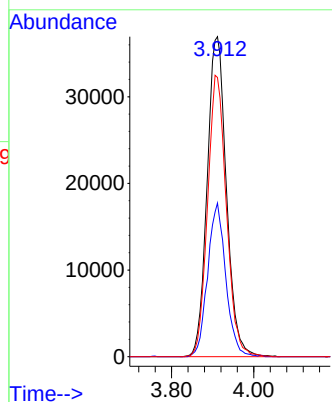
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



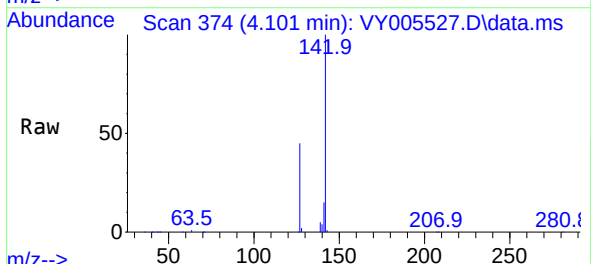
Tgt Ion:101 Resp: 120160  
Ion Ratio Lower Upper  
101 100  
85 45.2 36.3 54.5  
151 85.9 67.6 101.4

Manual Integrations  
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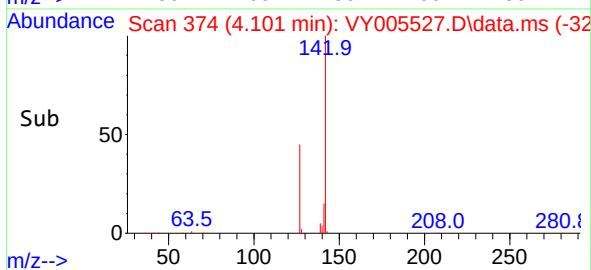
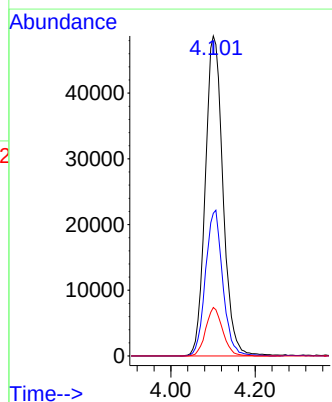
MMDadoda  
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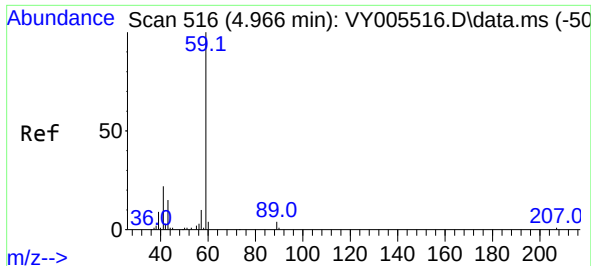


#10  
Methyl Iodide  
Concen: 50.460 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54



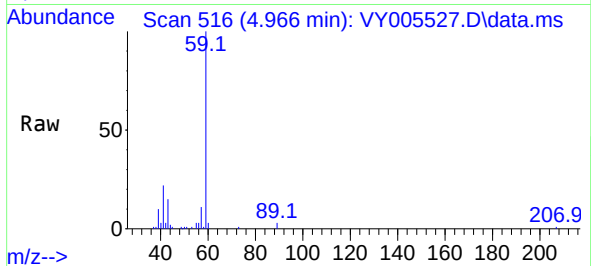
Tgt Ion:142 Resp: 142322  
Ion Ratio Lower Upper  
142 100  
127 44.5 36.6 54.8  
141 14.5 12.2 18.4



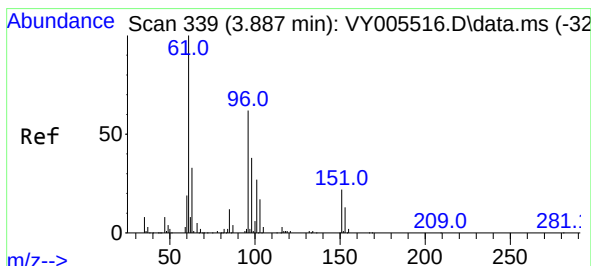
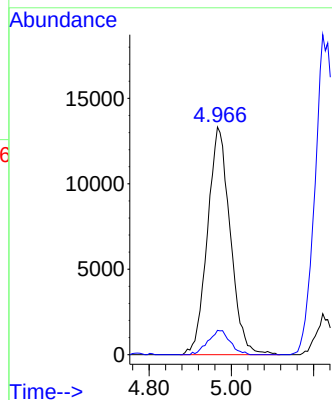
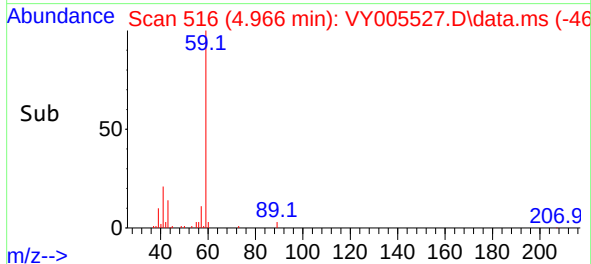


#11  
Tert butyl alcohol  
Concen: 193.031 ug/l  
RT: 4.966 min Scan# 516  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

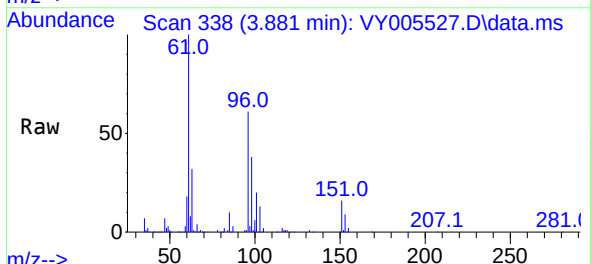
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



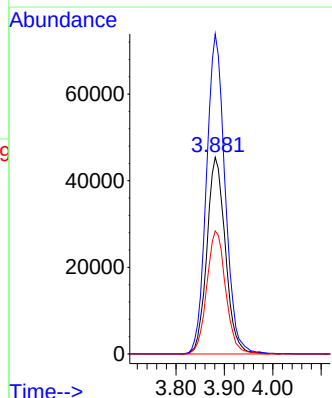
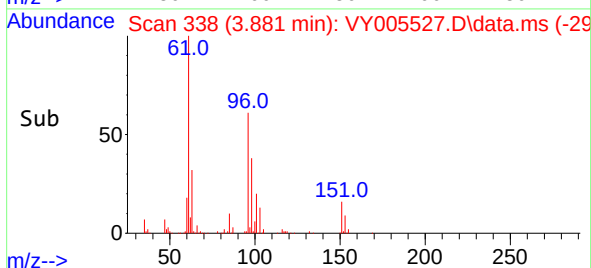
Tgt Ion: 59 Resp: 51240  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.0 12.0

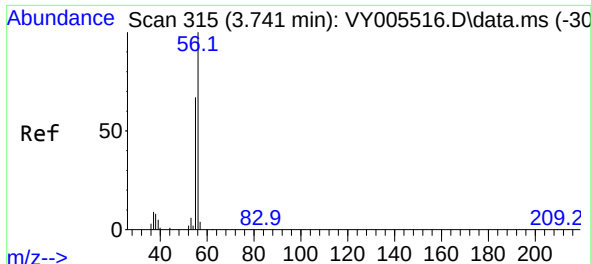


#12  
1,1-Dichloroethene  
Concen: 52.860 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54



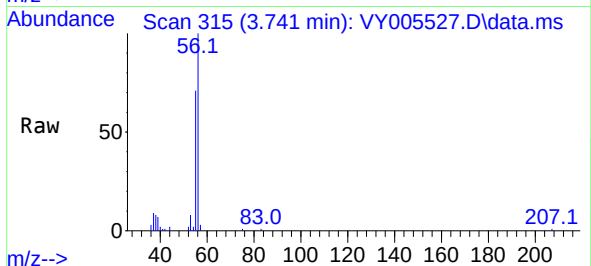
Tgt Ion: 96 Resp: 120844  
Ion Ratio Lower Upper  
96 100  
61 162.7 128.6 192.8  
98 62.5 49.2 73.8





#13  
Acrolein  
Concen: 235.931 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

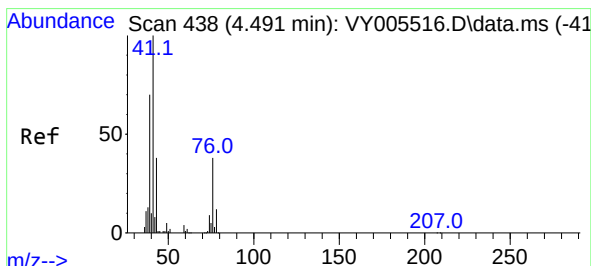
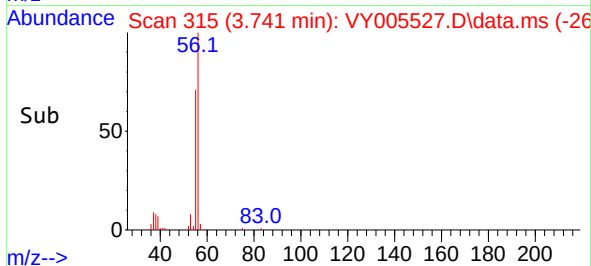
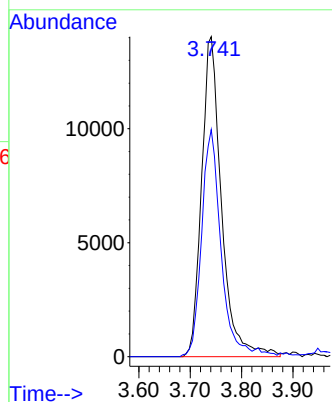
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 56 Resp: 37786  
Ion Ratio Lower Upper  
56 100  
55 68.0 56.5 84.7

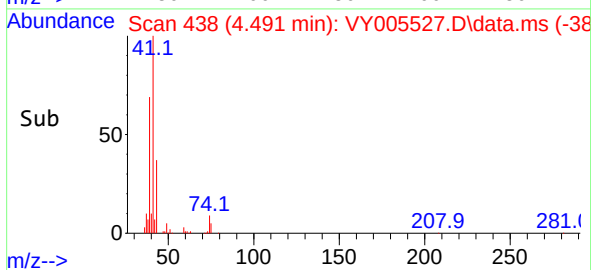
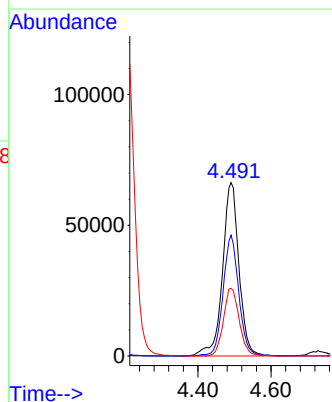
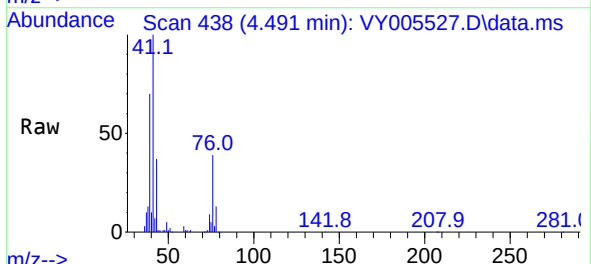
Manual Integrations  
APPROVED

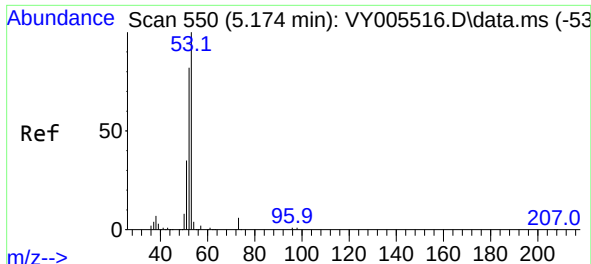
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#14  
Allyl chloride  
Concen: 51.936 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

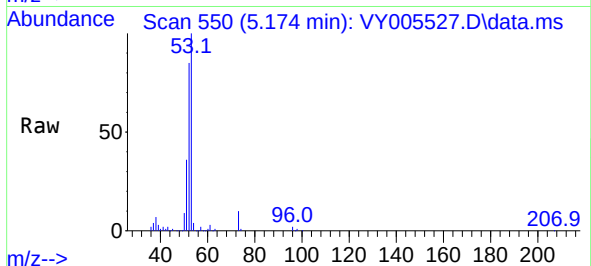
Tgt Ion: 41 Resp: 207957  
Ion Ratio Lower Upper  
41 100  
39 66.5 53.7 80.5  
76 37.4 28.7 43.1





#15  
Acrylonitrile  
Concen: 220.302 ug/l  
RT: 5.174 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

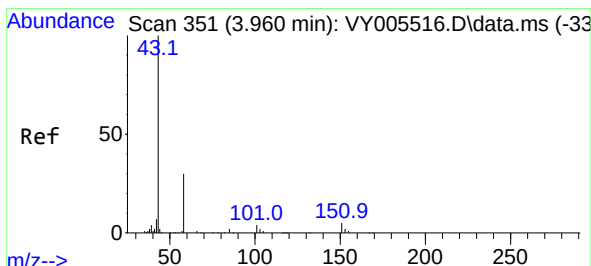
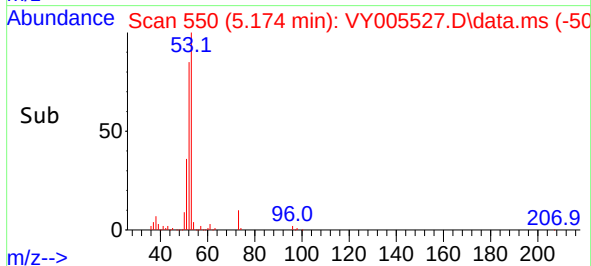
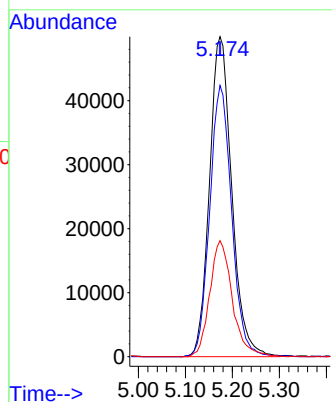
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 53 Resp: 164583  
Ion Ratio Lower Upper  
53 100  
52 83.3 66.6 99.8  
51 36.8 29.9 44.9

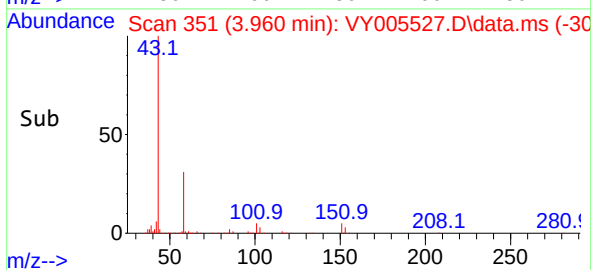
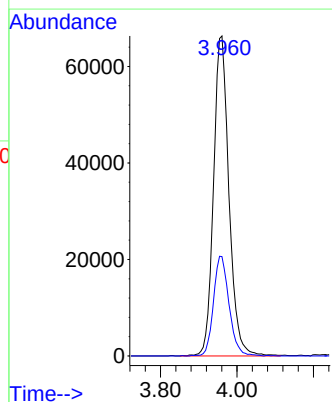
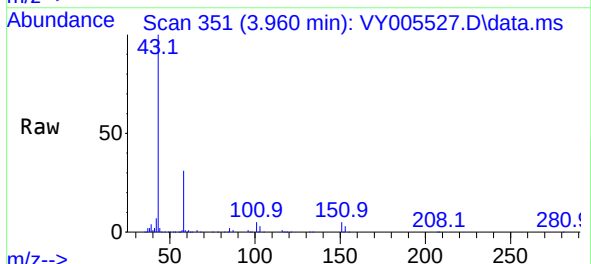
Manual Integrations  
APPROVED

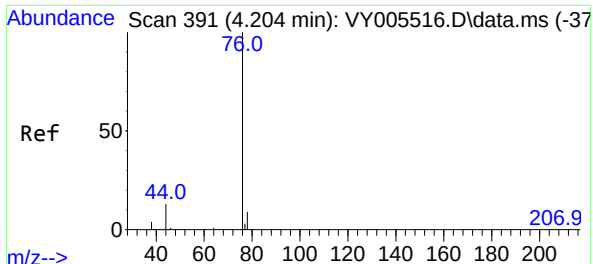
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#16  
Acetone  
Concen: 274.312 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

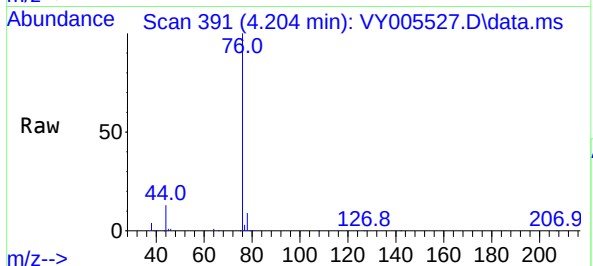
Tgt Ion: 43 Resp: 185710  
Ion Ratio Lower Upper  
43 100  
58 31.1 23.8 35.6





#17  
Carbon Disulfide  
Concen: 51.146 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

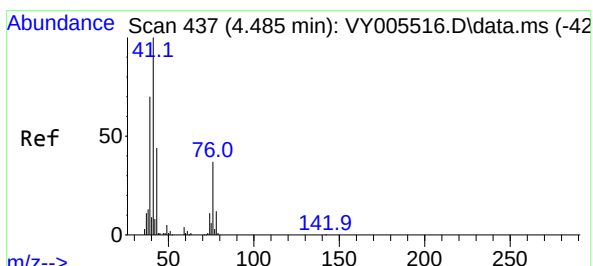
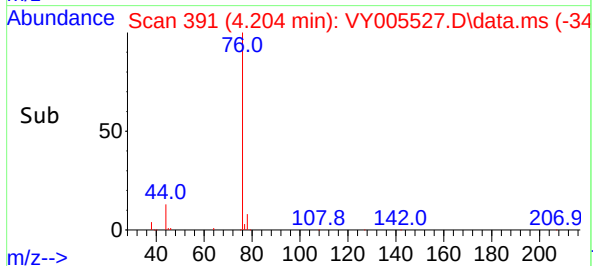
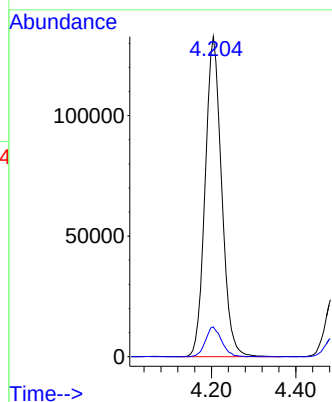
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 76 Resp: 360430  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.0 10.6

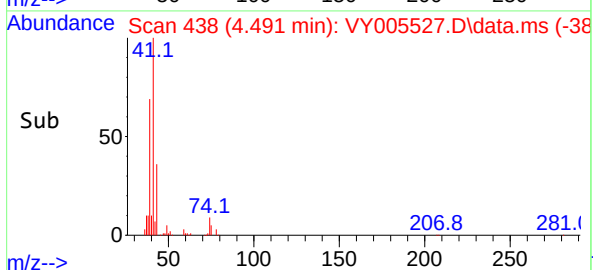
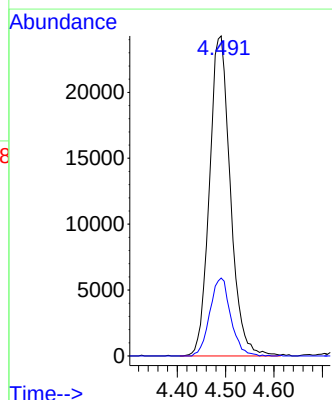
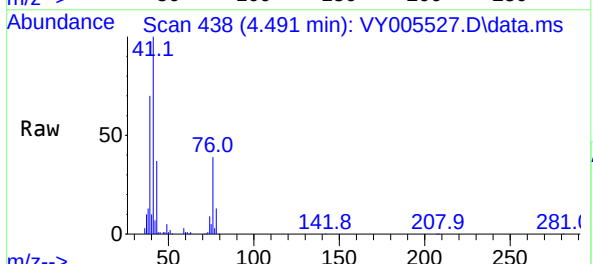
Manual Integrations  
APPROVED

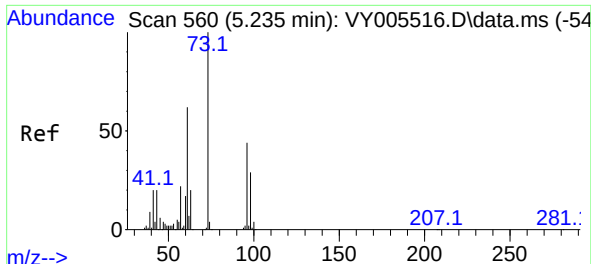
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#18  
Methyl Acetate  
Concen: 41.115 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 43 Resp: 72799  
Ion Ratio Lower Upper  
43 100  
74 24.3 19.0 28.6





#19

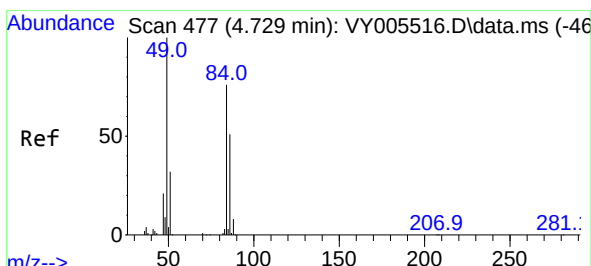
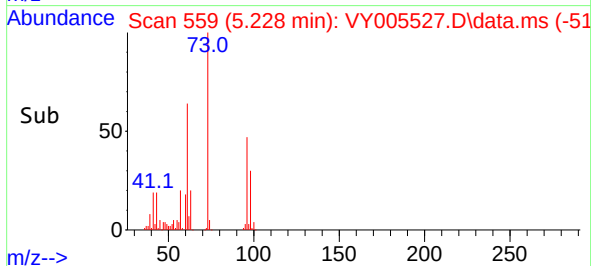
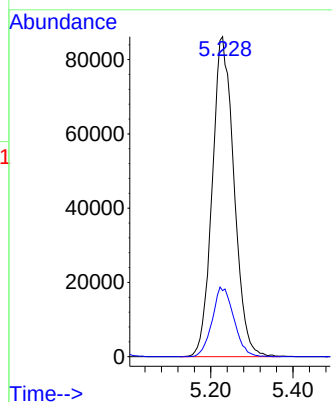
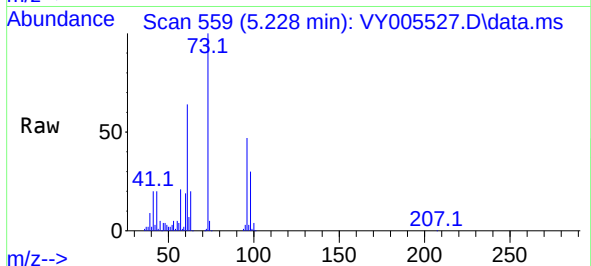
Methyl tert-butyl Ether  
Concen: 44.676 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 73 Resp: 316401  
Ion Ratio Lower Upper  
73 100  
57 20.6 17.7 26.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

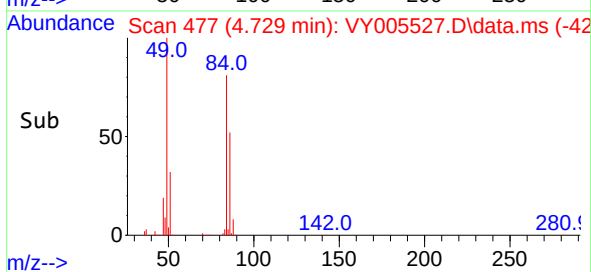
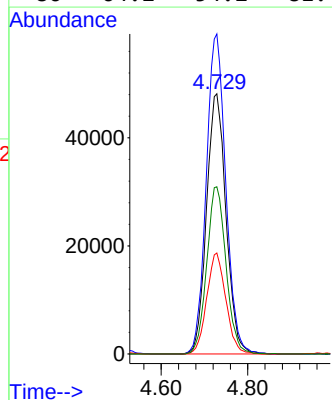
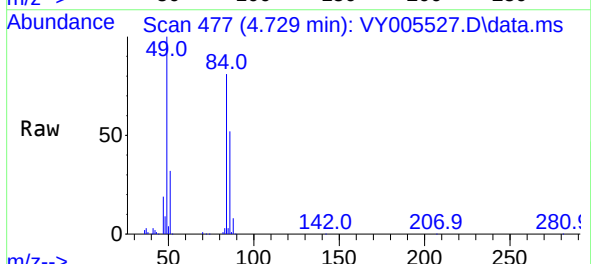
MMDadoda  
8/6/2021 5:40:12 PM

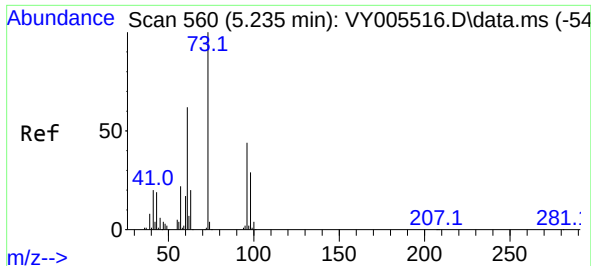


#20

Methylene Chloride  
Concen: 57.088 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

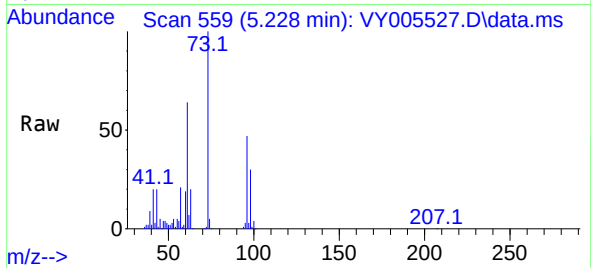
Tgt Ion: 84 Resp: 150885  
Ion Ratio Lower Upper  
84 100  
49 123.0 105.8 158.6  
51 38.8 33.4 50.2  
86 64.2 54.2 81.4





#21  
trans-1,2-Dichloroethene  
Concen: 48.311 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

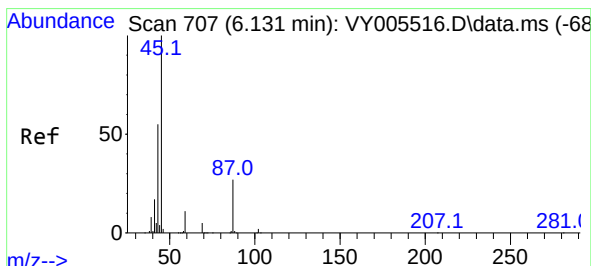
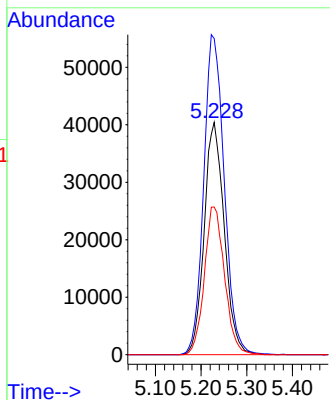
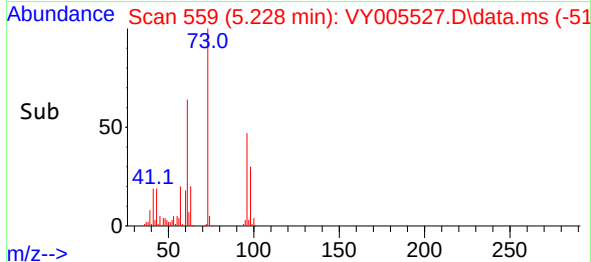
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



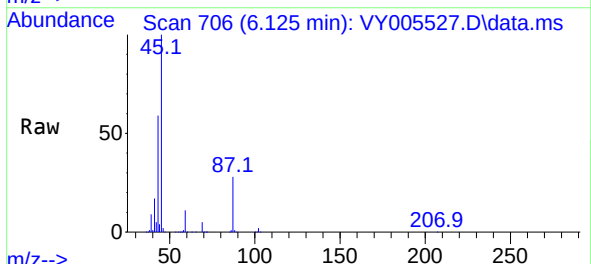
Tgt Ion: 96 Resp: 123478  
Ion Ratio Lower Upper  
96 100  
61 136.1 112.6 168.8  
98 63.6 52.2 78.4

Manual Integrations  
APPROVED

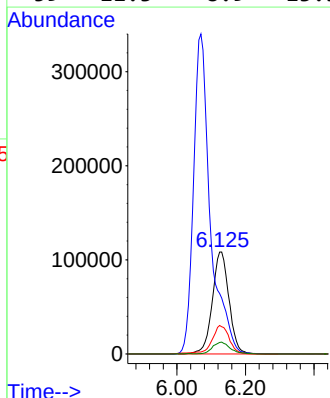
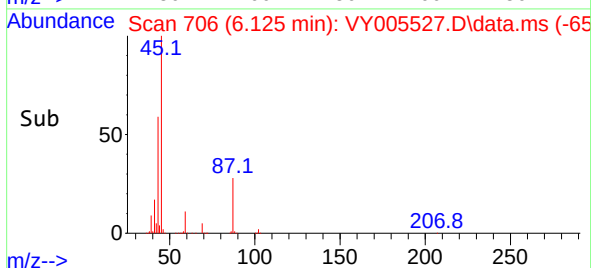
MMDadoda  
8/6/2021 5:40:12 PM

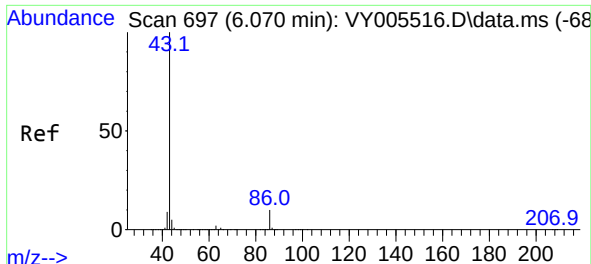


#22  
Diisopropyl ether  
Concen: 44.141 ug/l  
RT: 6.125 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54



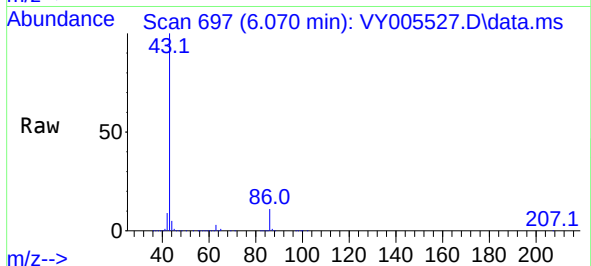
Tgt Ion: 45 Resp: 364626  
Ion Ratio Lower Upper  
45 100  
43 59.2 44.2 66.2  
87 27.9 21.6 32.4  
59 11.3 8.9 13.3





#23  
 Vinyl Acetate  
 Concen: 211.092 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. -0.000 min  
 Lab File: VY005527.D  
 Acq: 04 Aug 2021 09:54

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

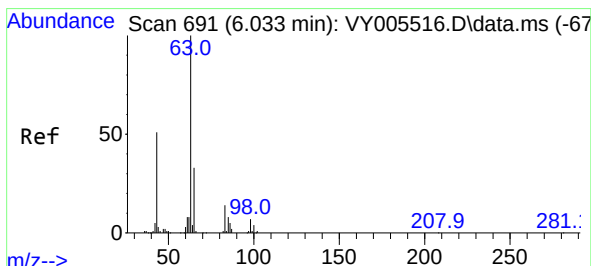
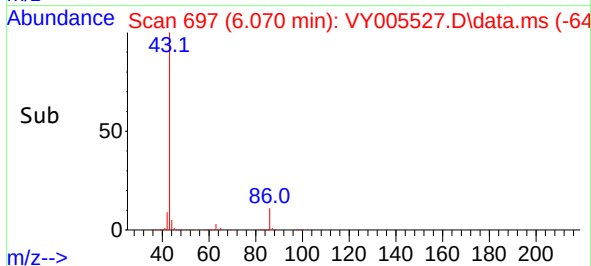
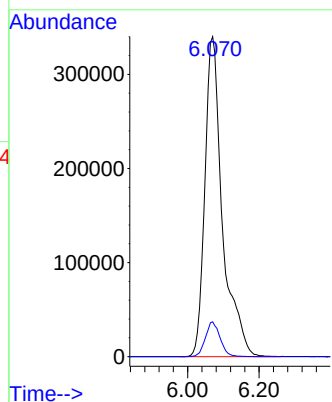


Tgt Ion: 43 Resp: 1160438  

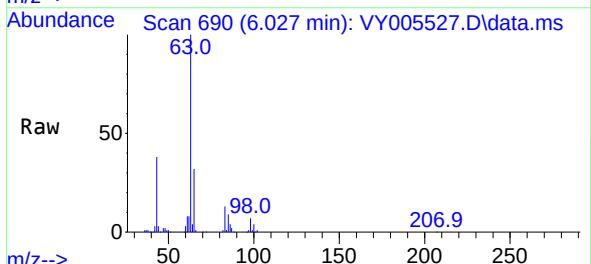
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 10.9  | 8.4   | 12.6  |

Manual Integrations  
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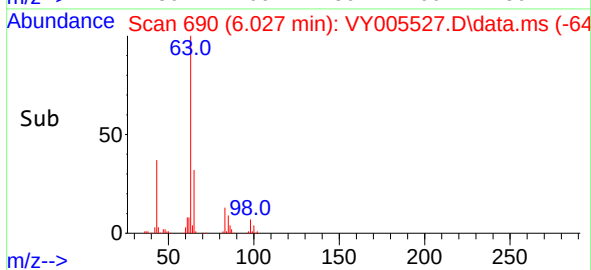
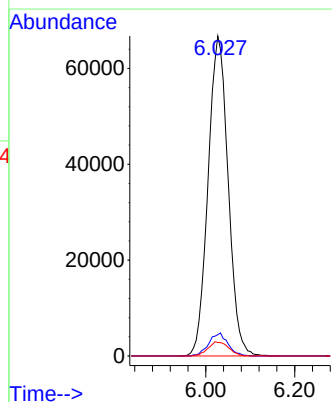


#24  
 1,1-Dichloroethane  
 Concen: 45.739 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. -0.006 min  
 Lab File: VY005527.D  
 Acq: 04 Aug 2021 09:54

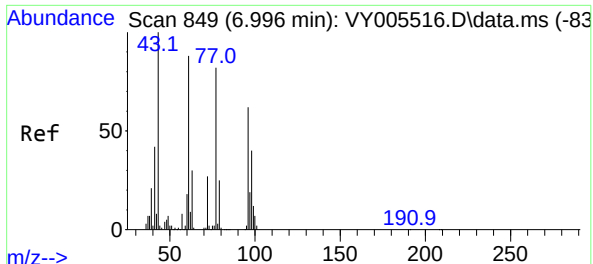


Tgt Ion: 63 Resp: 209383  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 6.6   | 3.4   | 10.1  |
| 100 | 4.2   | 2.1   | 6.5   |







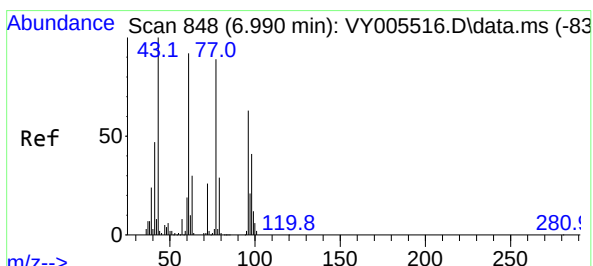
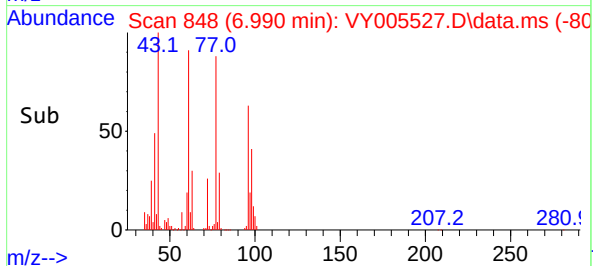
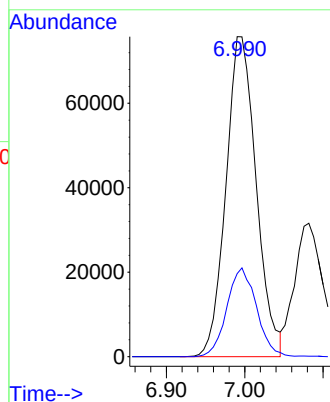
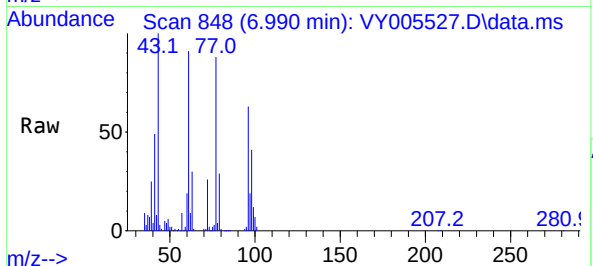
#25  
2-Butanone  
Concen: 203.449 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 43 Resp: 203600  
Ion Ratio Lower Upper  
43 100  
72 26.0 21.4 32.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

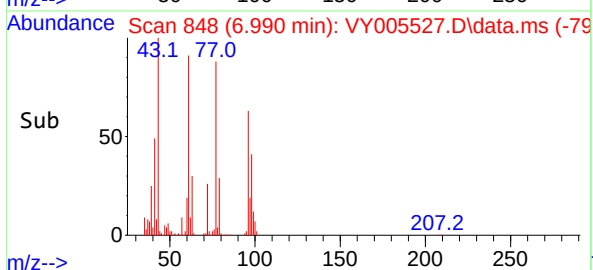
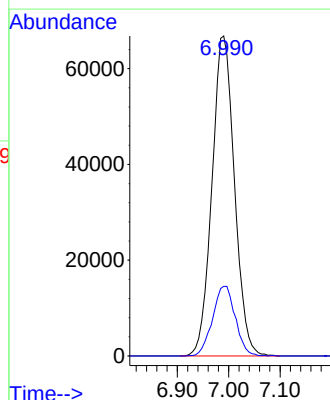
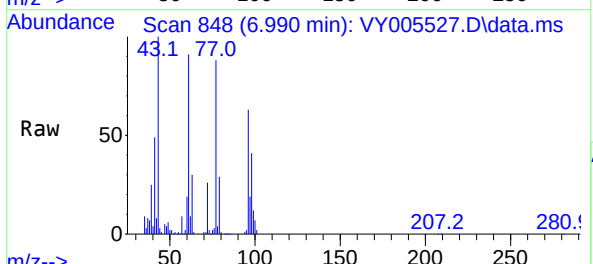
Manual Integrations  
APPROVED

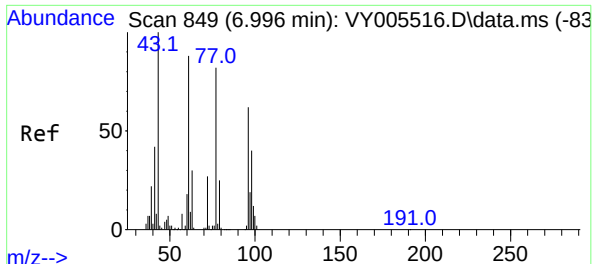
MMDadoda  
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#26  
2,2-Dichloropropane  
Concen: 48.487 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 77 Resp: 202797  
Ion Ratio Lower Upper  
77 100  
97 22.0 11.4 34.1





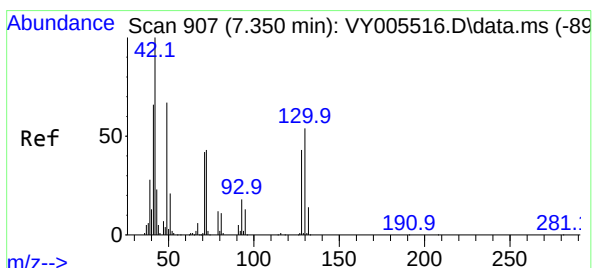
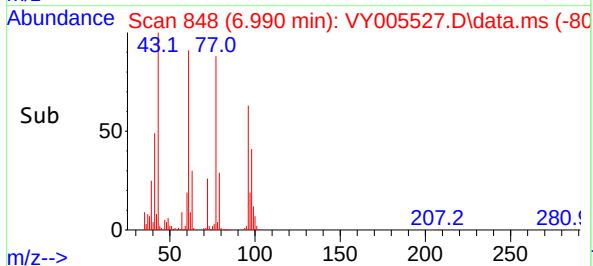
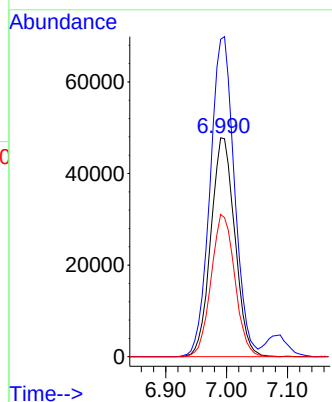
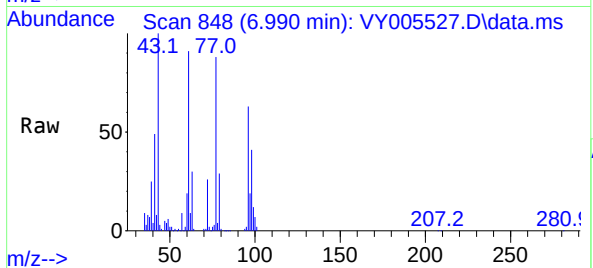
#27  
cis-1,2-Dichloroethene  
Concen: 44.975 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 130740 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 148.1 | 0.0   | 290.0  |
| 98       | 64.3  | 0.0   | 128.0  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

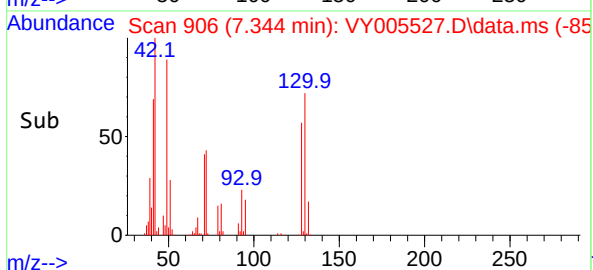
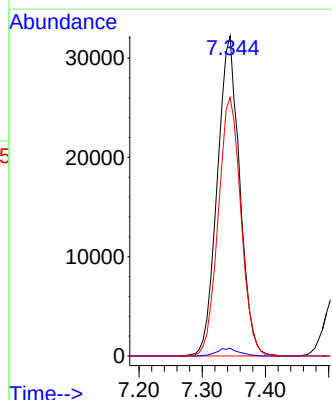
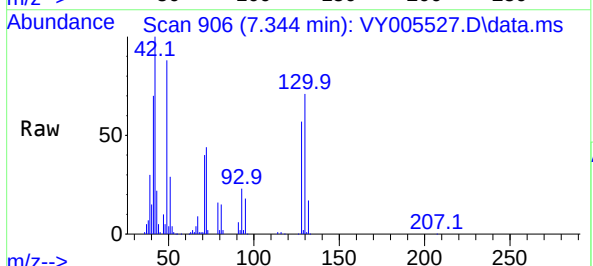
Manual Integrations  
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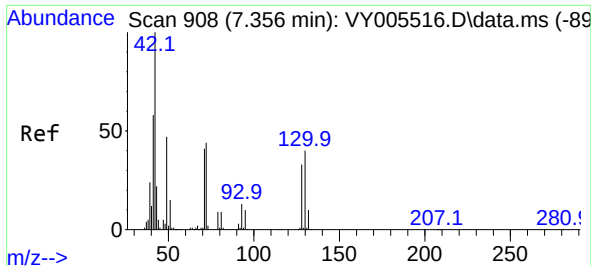
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#28  
Bromochloromethane  
Concen: 43.147 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 78835 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.4   | 0.0   | 4.0   |
| 130      | 82.1  | 64.0  | 96.0  |





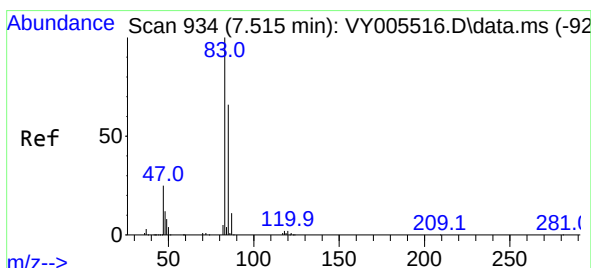
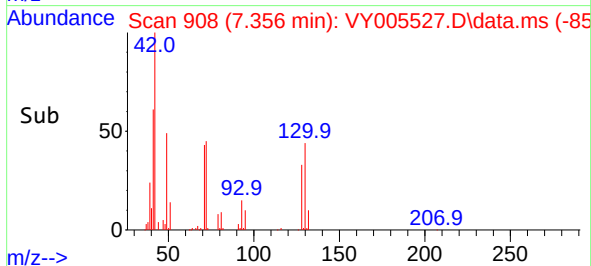
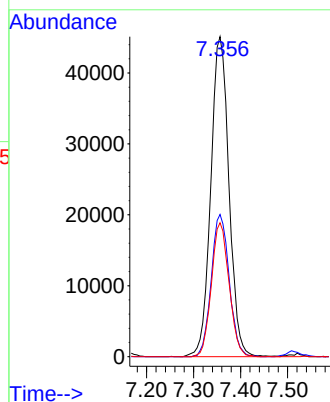
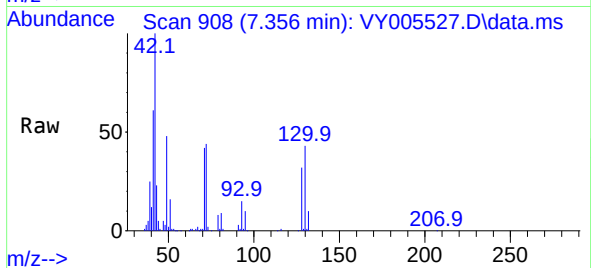
#29  
Tetrahydrofuran  
Concen: 182.864 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 42 Resp: 121039  
Ion Ratio Lower Upper  
42 100  
72 43.9 35.0 52.4  
71 40.6 33.3 49.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

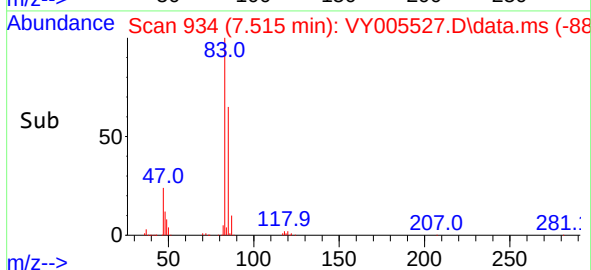
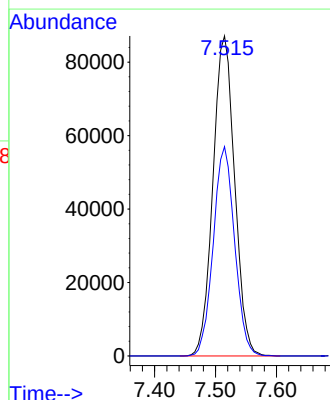
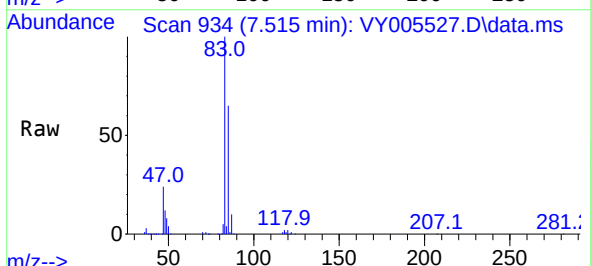
Manual Integrations  
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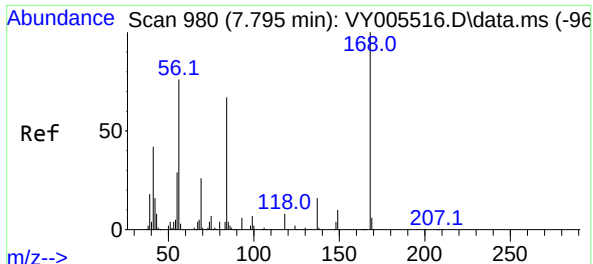
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8/6/2021 5:40:12 PM



#30  
Chloroform  
Concen: 46.092 ug/l  
RT: 7.515 min Scan# 934  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 83 Resp: 215361  
Ion Ratio Lower Upper  
83 100  
85 65.4 52.7 79.1





#31  
Cyclohexane  
Concen: 43.502 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

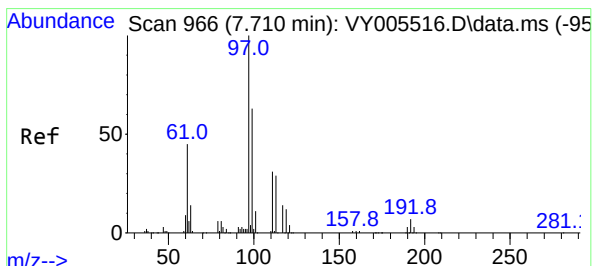
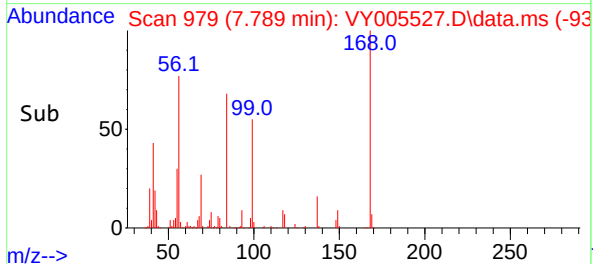
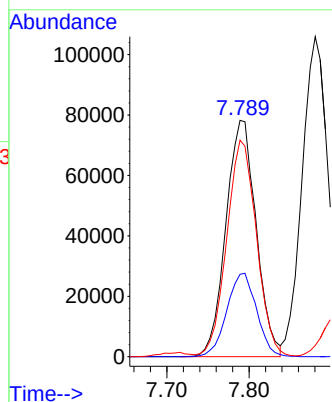
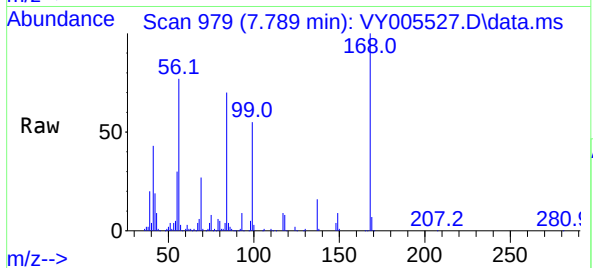
Tgt Ion: 56 Resp: 200365  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 34.9  | 27.7  | 41.5  |
| 84  | 89.7  | 70.9  | 106.3 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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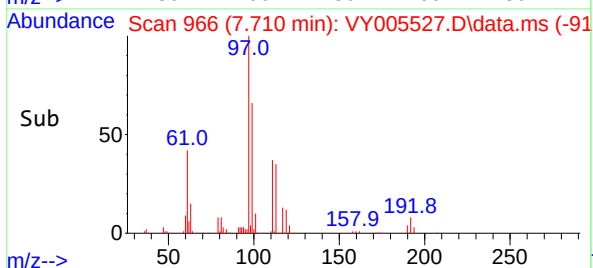
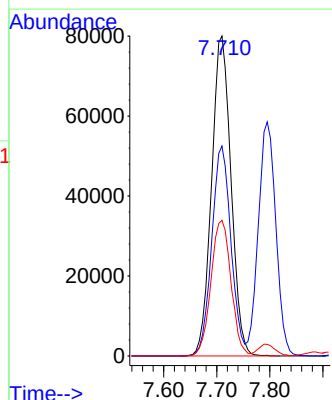
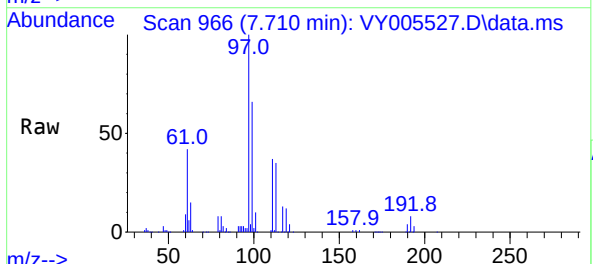
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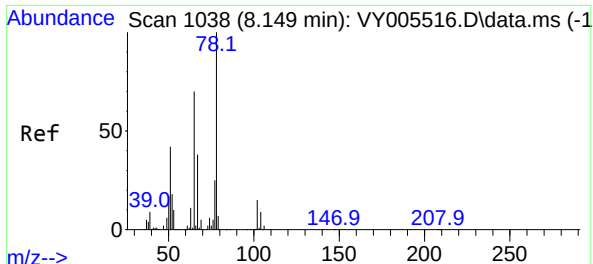


#32  
1,1,1-Trichloroethane  
Concen: 47.466 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 97 Resp: 203872  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.7  | 51.1  | 76.7  |
| 61  | 43.7  | 35.0  | 52.6  |





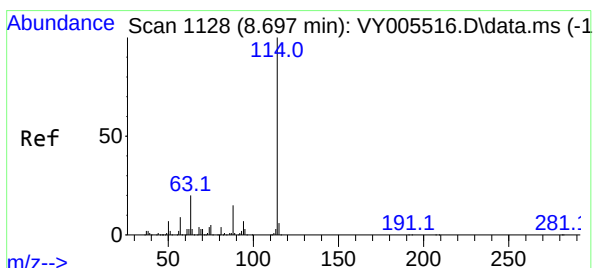
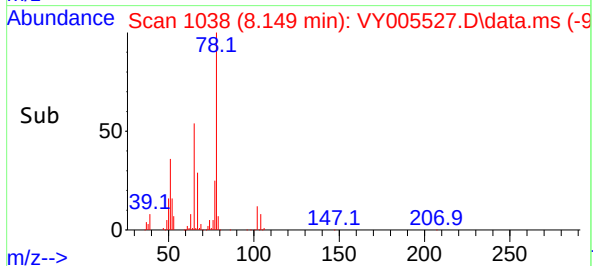
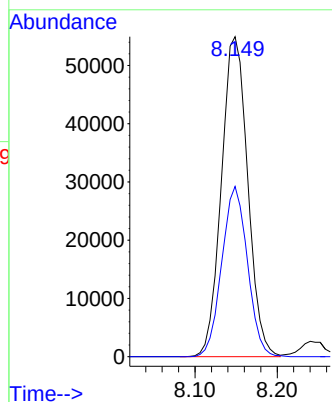
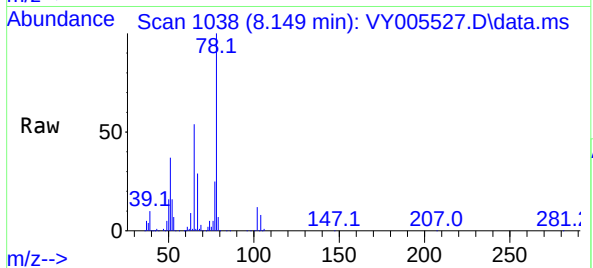
#33  
1,2-Dichloroethane-d4  
Concen: 45.533 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 65 Resp: 122265  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 103.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

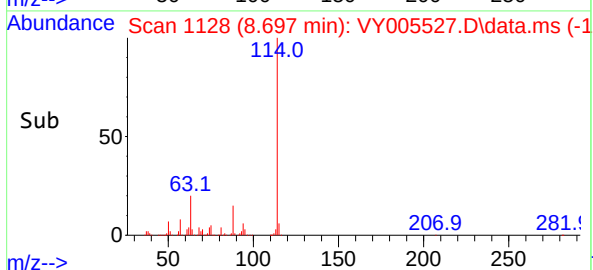
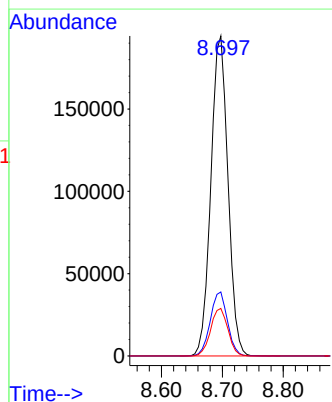
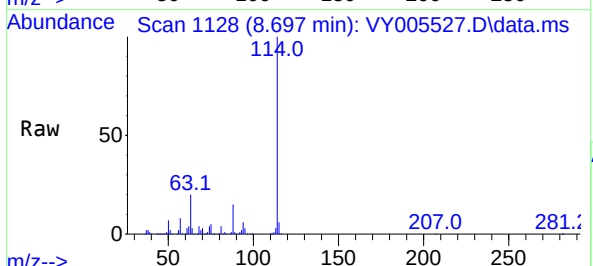
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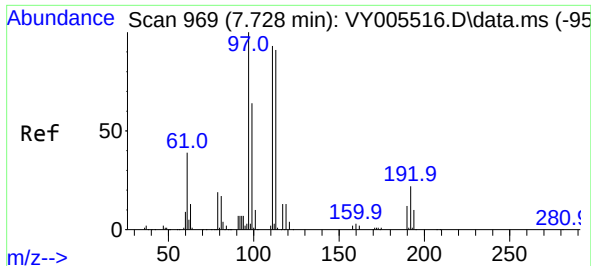
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#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 114 Resp: 378109  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 39.2  
88 14.9 0.0 30.8





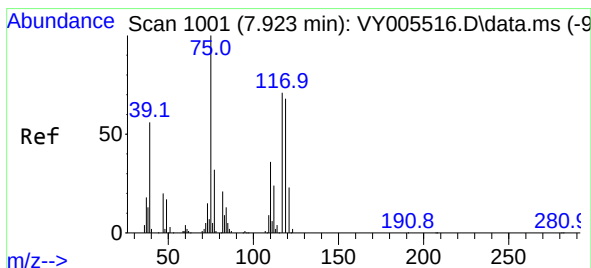
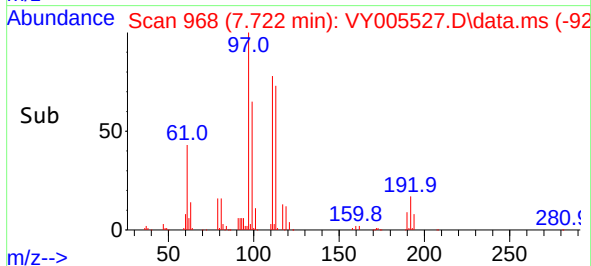
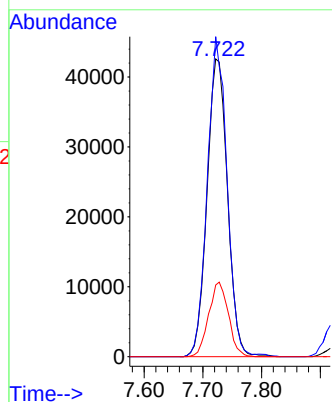
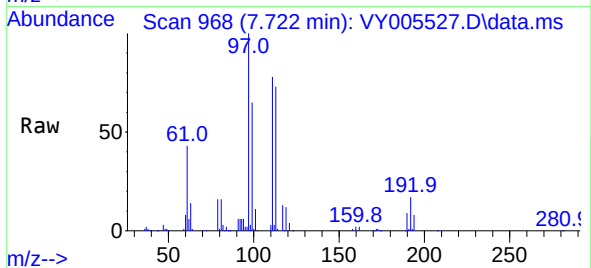
#35  
Dibromofluoromethane  
Concen: 48.703 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 103101 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 102.8 | 81.9  | 122.9  |
| 192      | 24.1  | 19.2  | 28.8   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

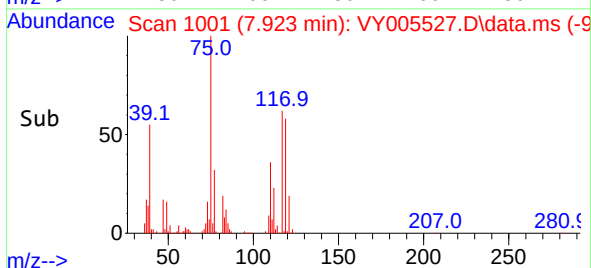
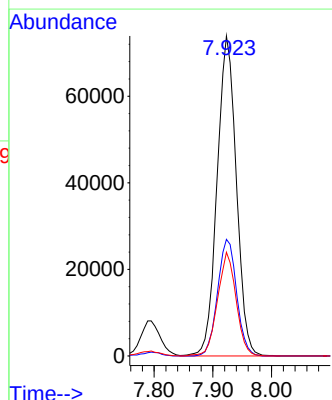
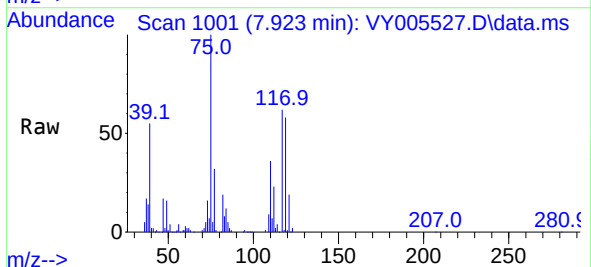
Manual Integrations  
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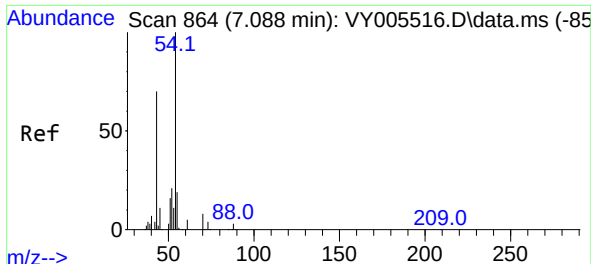
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8/6/2021 5:40:12 PM



#36  
1,1-Dichloropropene  
Concen: 47.396 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 168084 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 36.1  | 18.1  | 54.1   |
| 77       | 31.3  | 25.1  | 37.7   |





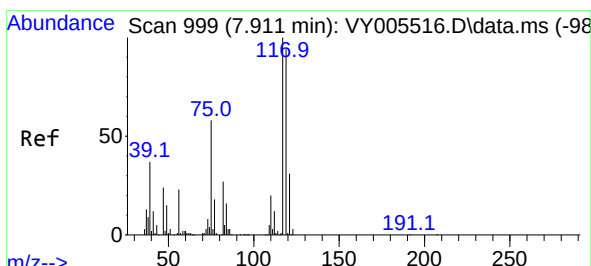
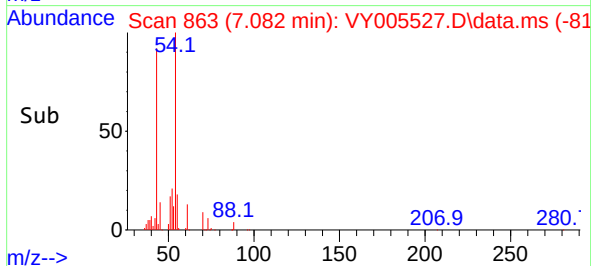
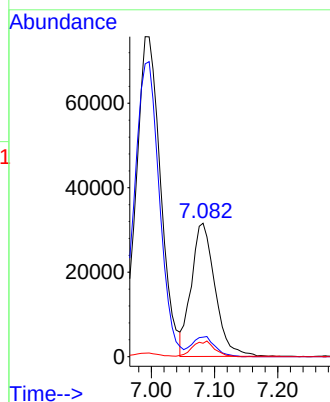
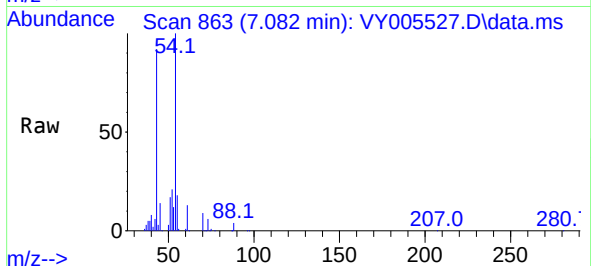
#37  
Ethyl Acetate  
Concen: 38.254 ug/l  
RT: 7.082 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 82187 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.6  | 10.6  | 15.8  |
| 70       | 10.9  | 8.6   | 13.0  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

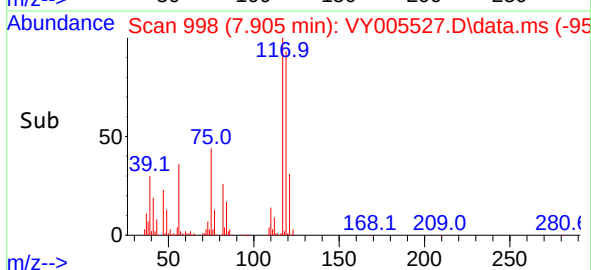
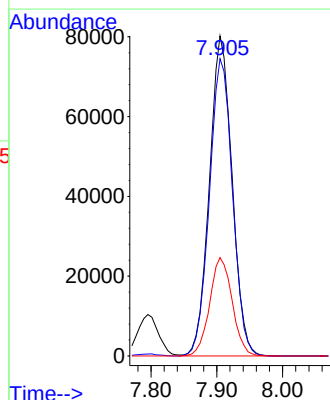
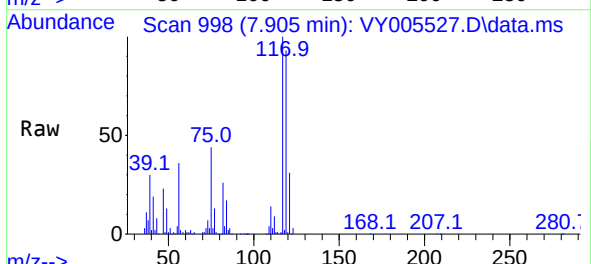
Manual Integrations  
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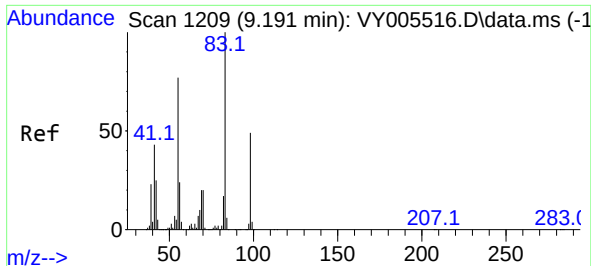
MMDadoda  
8/6/2021 5:40:12 PM



#38  
Carbon Tetrachloride  
Concen: 49.885 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

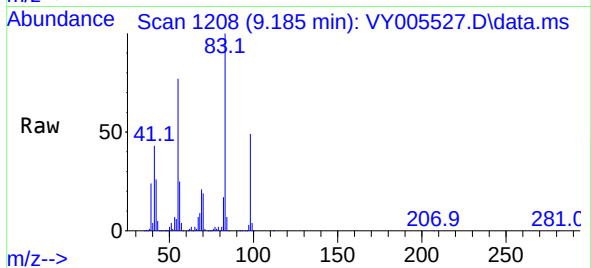
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 192277 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 92.9  | 75.4  | 113.0  |
| 121      | 30.8  | 25.1  | 37.7   |





#39  
Methylcyclohexane  
Concen: 47.678 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

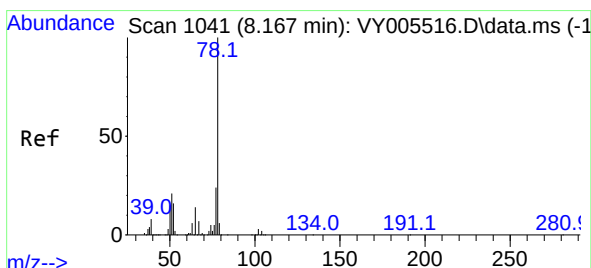
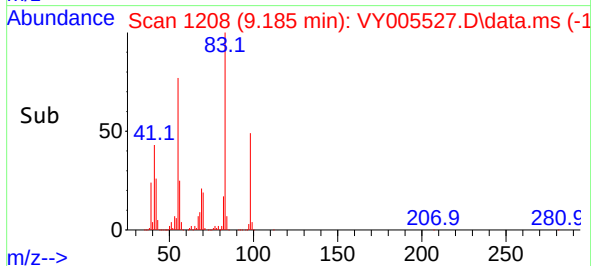
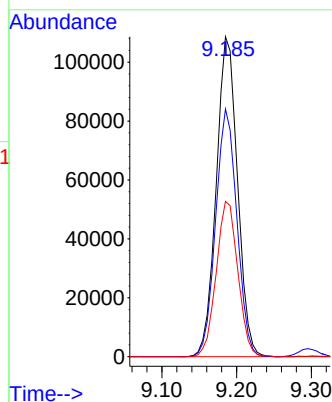
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 83 Resp: 215121  
Ion Ratio Lower Upper  
83 100  
55 77.4 61.7 92.5  
98 48.5 38.9 58.3

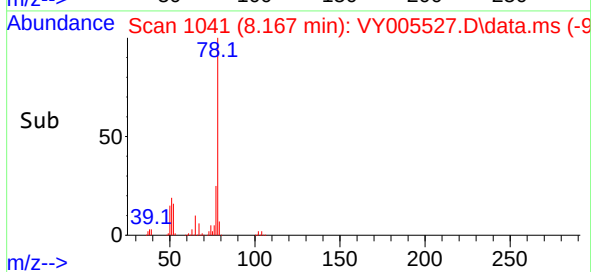
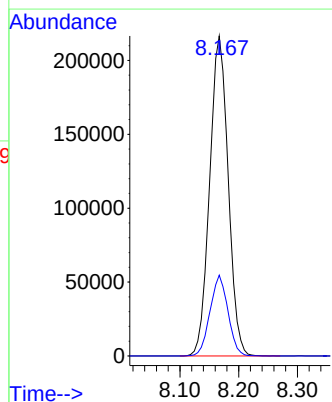
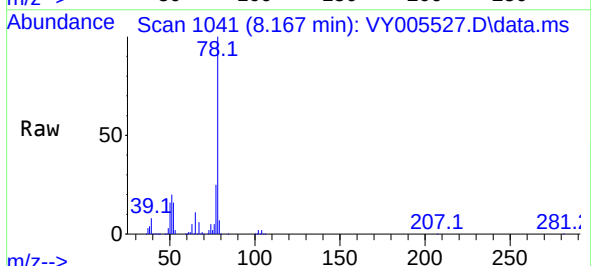
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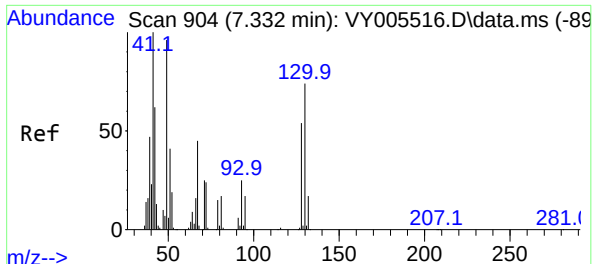


#40  
Benzene  
Concen: 46.632 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 78 Resp: 473571  
Ion Ratio Lower Upper  
78 100  
77 25.2 19.6 29.4

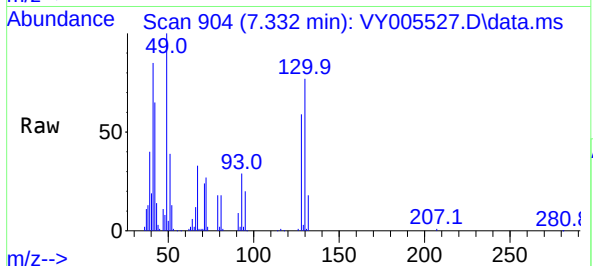






#41  
Methacrylonitrile  
Concen: 50.396 ug/l m  
RT: 7.332 min Scan# 904  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

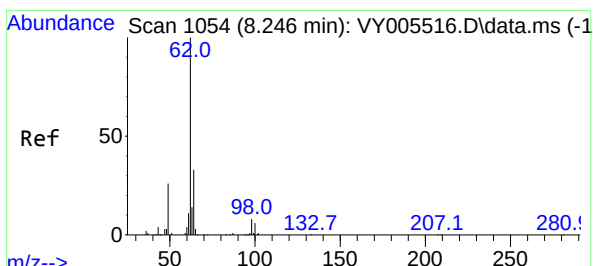
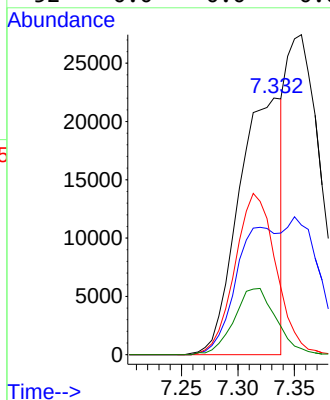
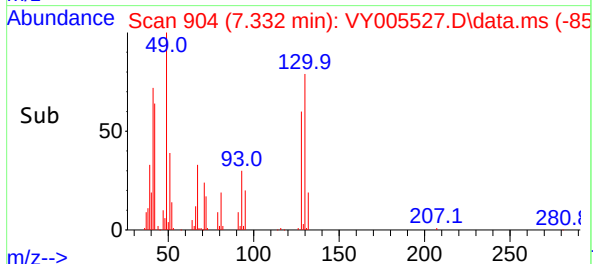


Tgt Ion: 41 Resp: 58747

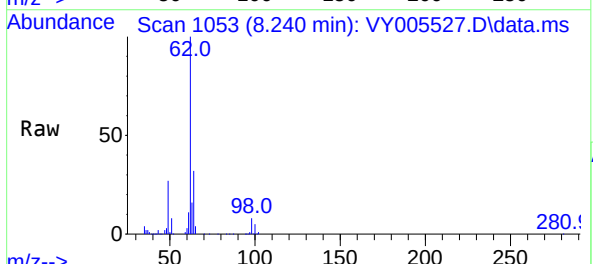
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 0.0   | 0.0   | 0.0   |
| 67  | 0.0   | 0.0   | 0.0   |
| 52  | 0.0   | 0.0   | 0.0   |

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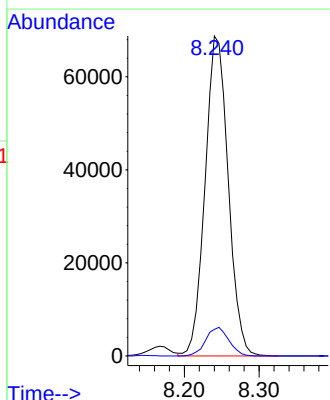
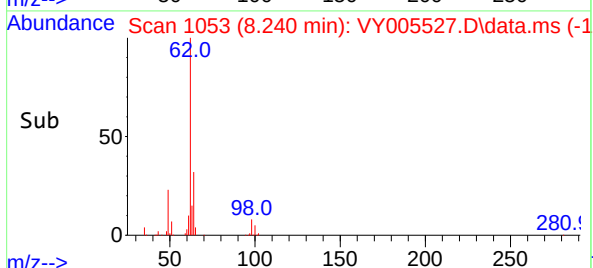


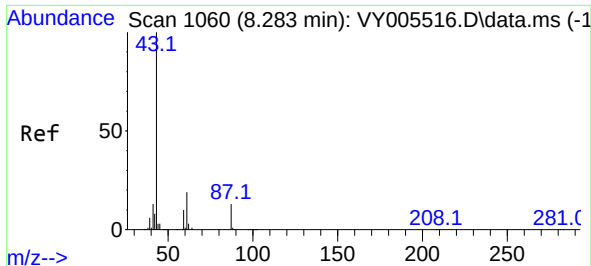
#42  
1,2-Dichloroethane  
Concen: 44.977 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54



Tgt Ion: 62 Resp: 148163

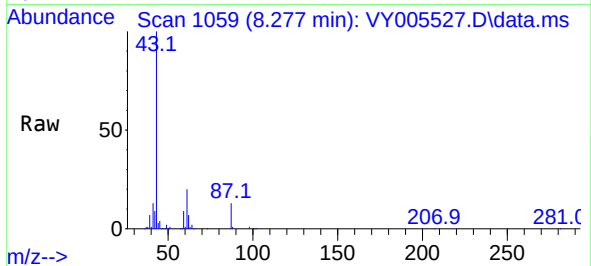
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.9   | 0.0   | 18.4  |





#43  
Isopropyl Acetate  
Concen: 40.746 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

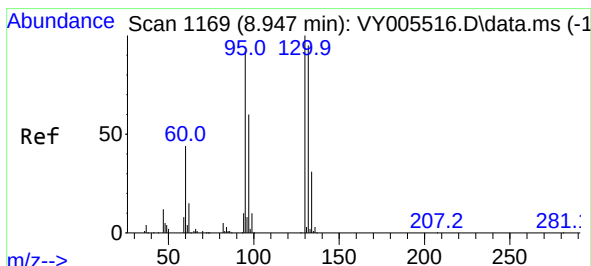
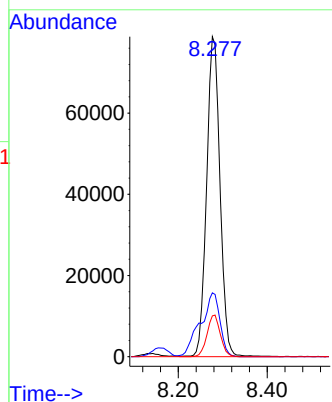
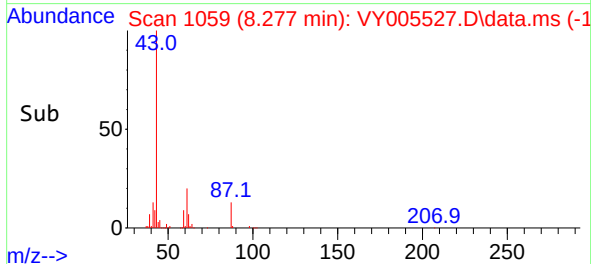
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



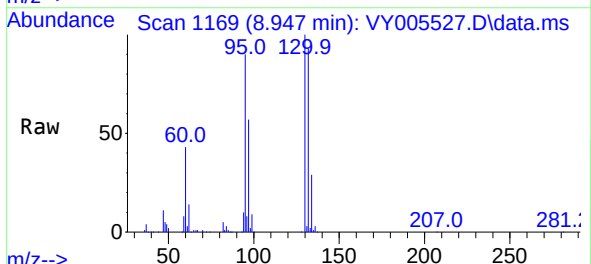
Tgt Ion: 43 Resp: 165736  
Ion Ratio Lower Upper  
43 100  
61 29.1 23.0 34.6  
87 12.9 10.6 16.0

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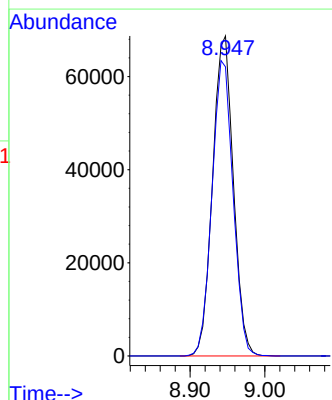
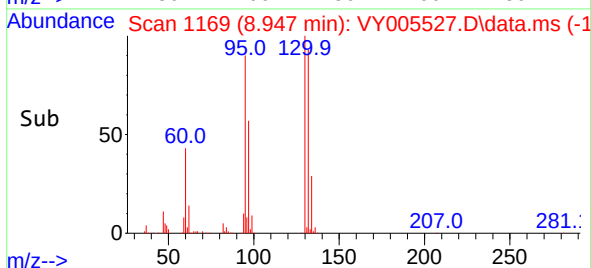
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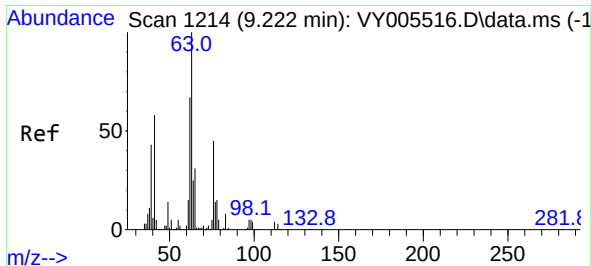


#44  
Trichloroethene  
Concen: 47.851 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54



Tgt Ion: 130 Resp: 132630  
Ion Ratio Lower Upper  
130 100  
95 90.3 0.0 185.0





#45

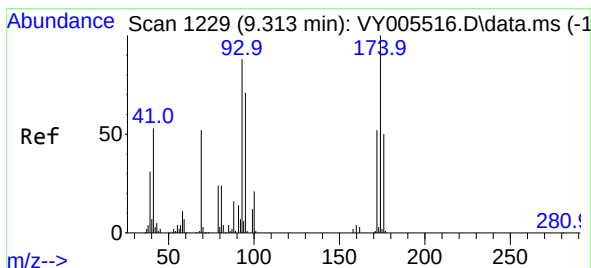
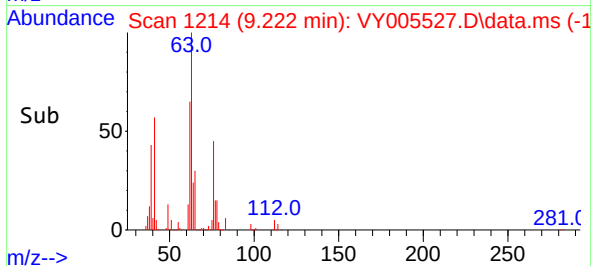
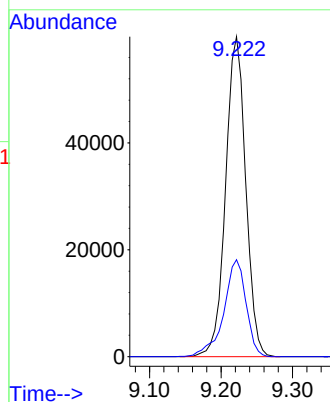
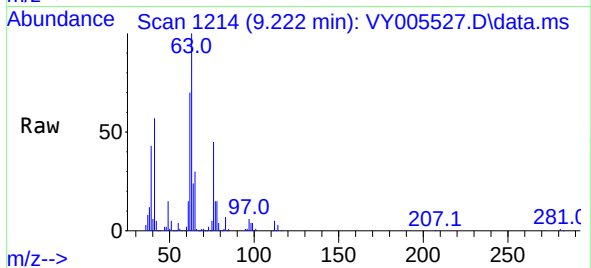
1,2-Dichloropropane  
Concen: 46.072 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 63 Resp: 117054  
Ion Ratio Lower Upper  
63 100  
65 30.3 24.9 37.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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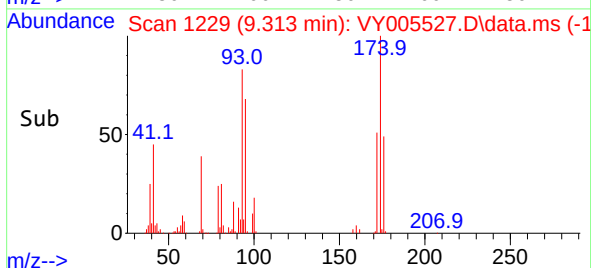
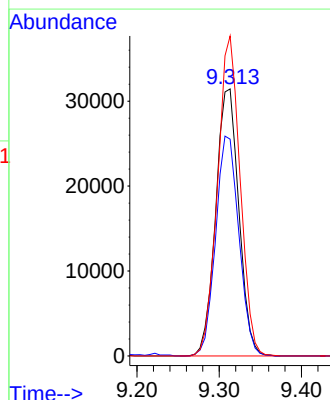
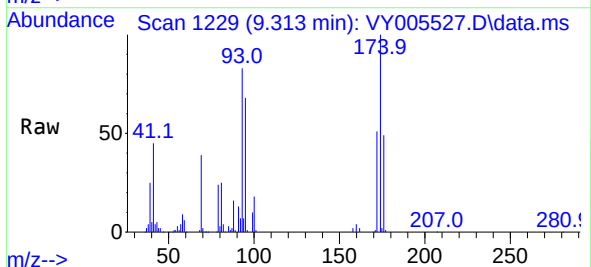
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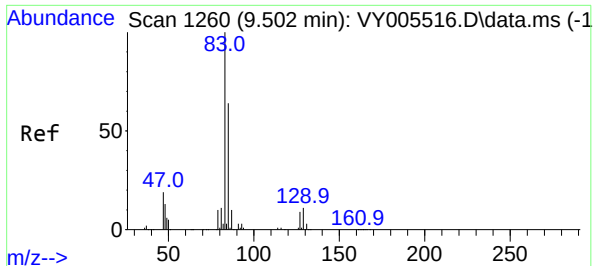


#46

Dibromomethane  
Concen: 43.747 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 93 Resp: 61457  
Ion Ratio Lower Upper  
93 100  
95 82.8 66.5 99.7  
174 116.9 93.8 140.6





#47

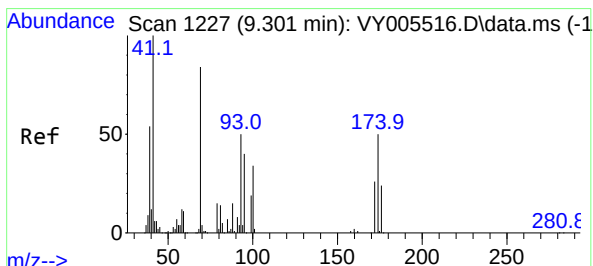
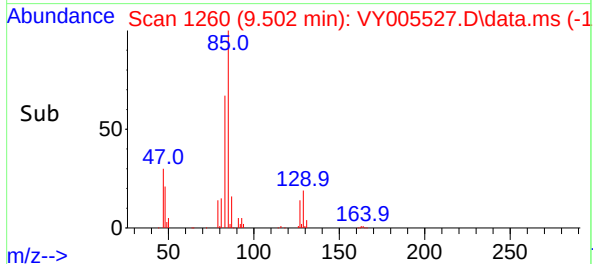
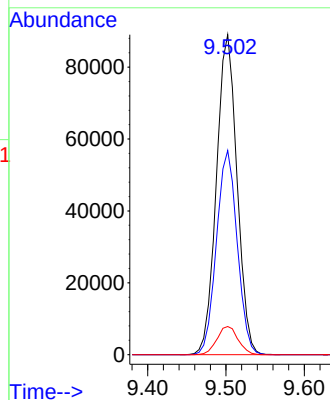
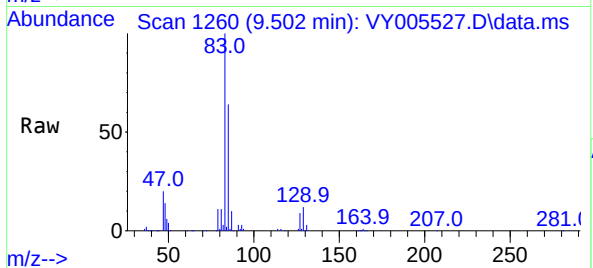
Bromodichloromethane  
Concen: 46.350 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 83 Resp: 162960  
Ion Ratio Lower Upper  
83 100  
85 63.8 51.0 76.4  
127 8.8 7.0 10.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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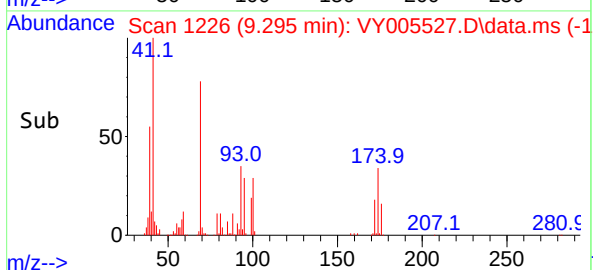
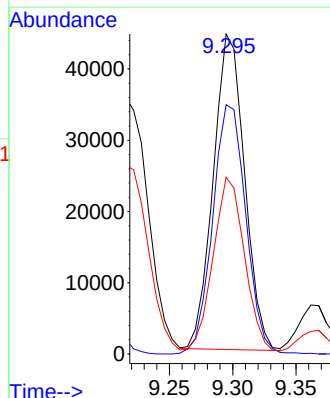
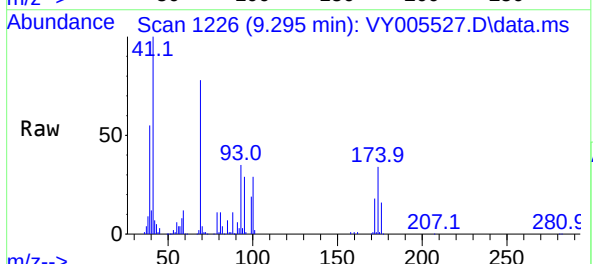
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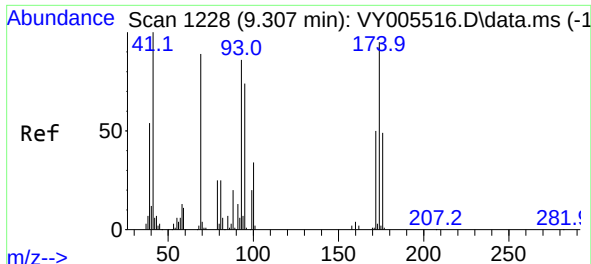


#48

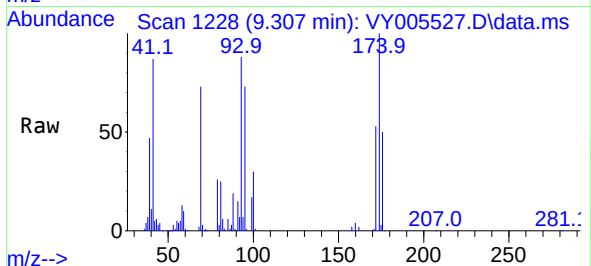
Methyl methacrylate  
Concen: 41.529 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 41 Resp: 76342  
Ion Ratio Lower Upper  
41 100  
69 83.5 69.0 103.4  
39 55.1 46.0 69.0

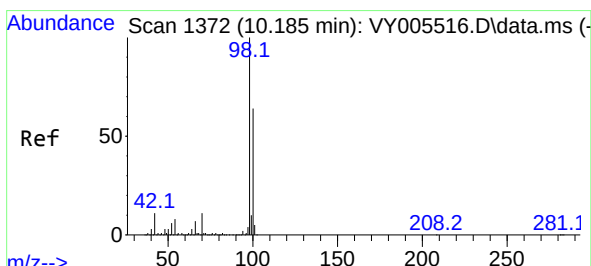
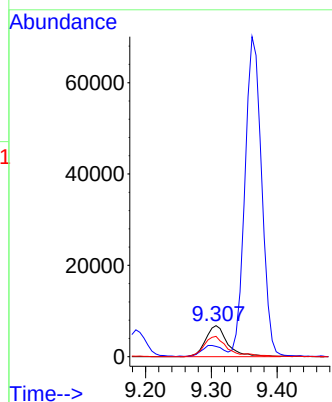
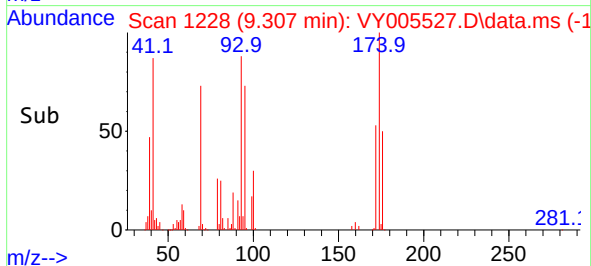




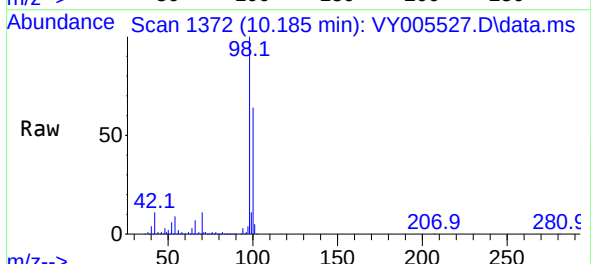
#49  
1,4-Dioxane  
Concen: 811.153 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54



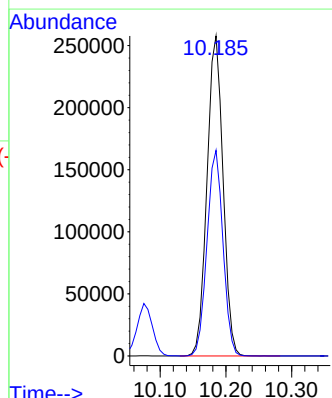
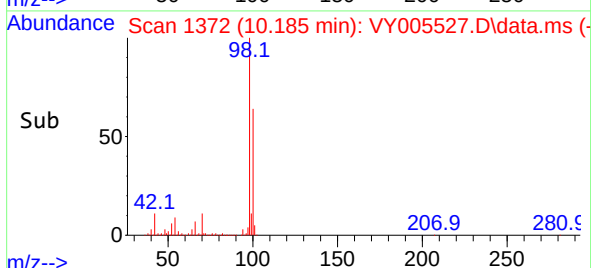
Tgt Ion: 88 Resp: 15837  
Ion Ratio Lower Upper  
88 100  
43 34.0 27.0 40.4  
58 71.9 53.8 80.8



#50  
Toluene-d8  
Concen: 49.216 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54



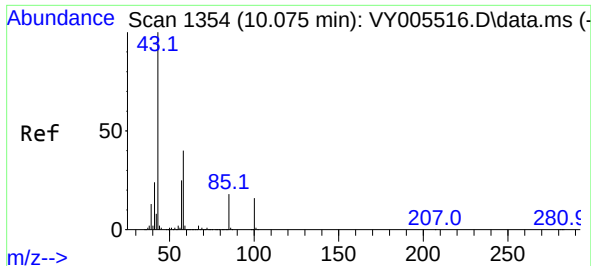
Tgt Ion: 98 Resp: 436956  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.3 76.9



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

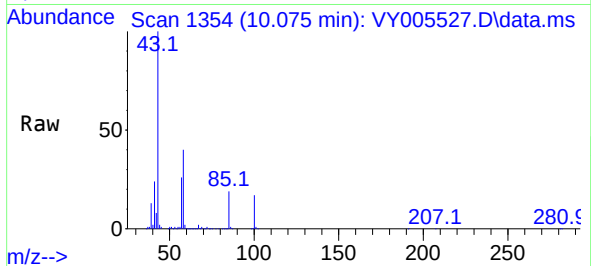
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#51  
4-Methyl-2-Pentanone  
Concen: 199.317 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

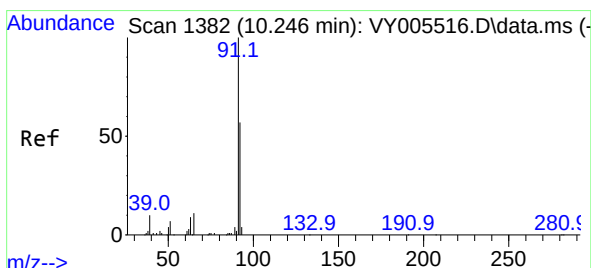
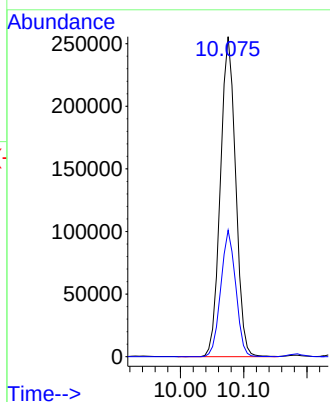
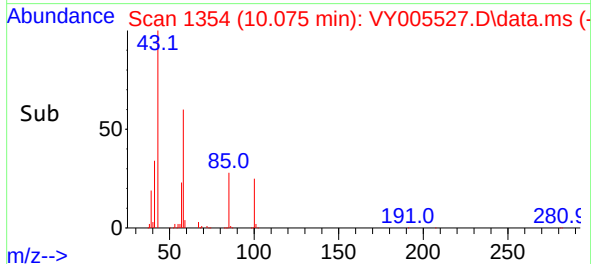
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



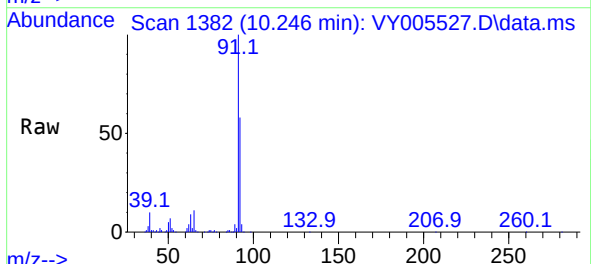
Tgt Ion: 43 Resp: 426956  
Ion Ratio Lower Upper  
43 100  
58 38.6 31.4 47.2

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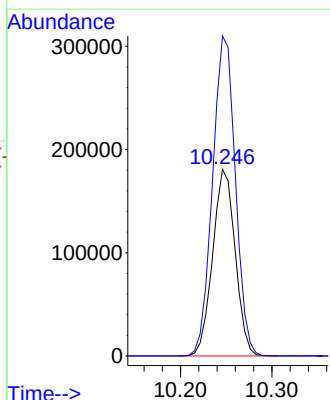
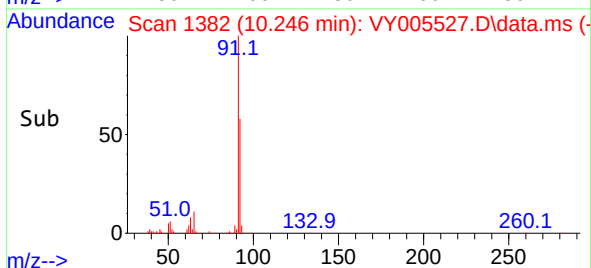
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8/6/2021 5:40:12 PM

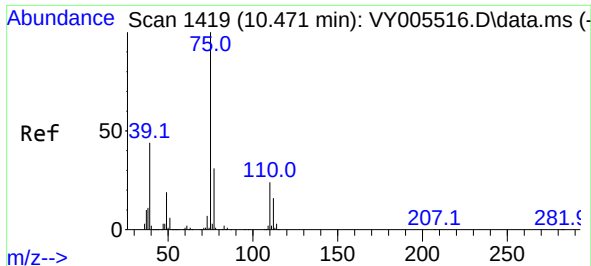


#52  
Toluene  
Concen: 47.760 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54



Tgt Ion: 92 Resp: 309272  
Ion Ratio Lower Upper  
92 100  
91 174.1 139.6 209.4





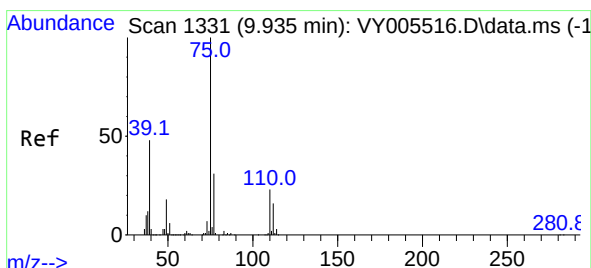
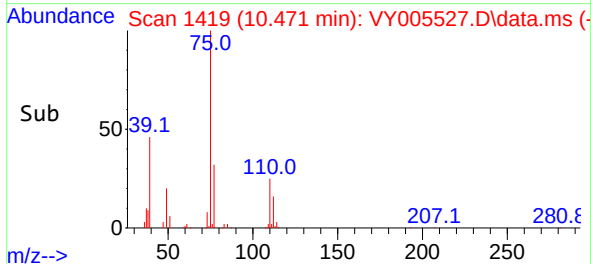
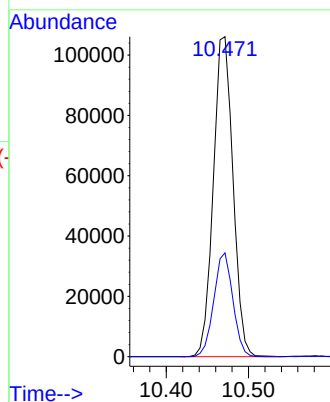
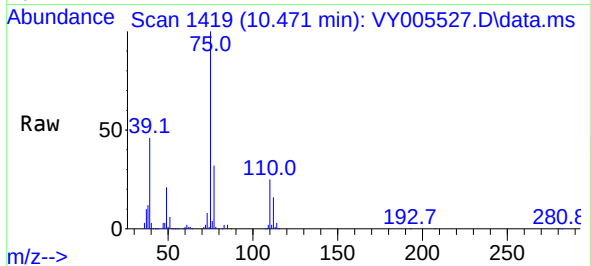
#53  
t-1,3-Dichloropropene  
Concen: 44.935 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 75 Resp: 176561  
Ion Ratio Lower Upper  
75 100  
77 32.4 24.5 36.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

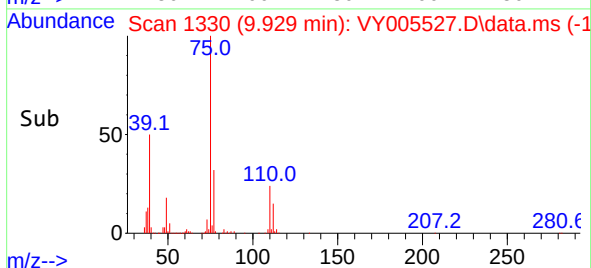
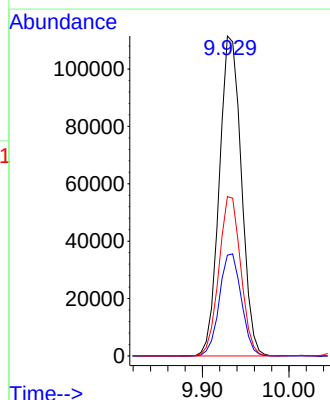
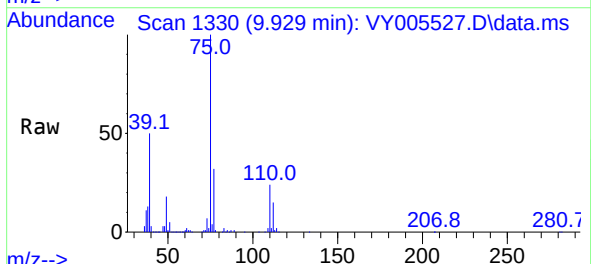
Manual Integrations  
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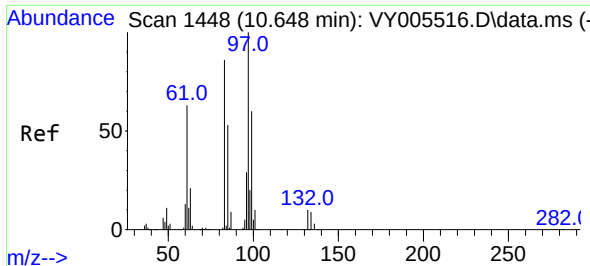
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8/6/2021 5:40:12 PM



#54  
cis-1,3-Dichloropropene  
Concen: 46.216 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

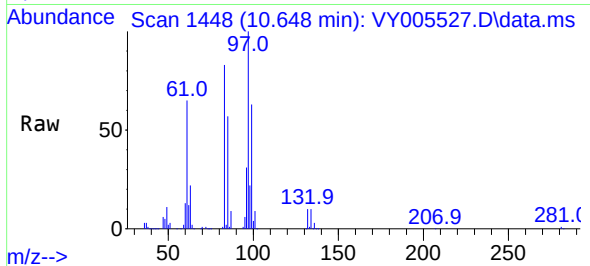
Tgt Ion: 75 Resp: 197075  
Ion Ratio Lower Upper  
75 100  
77 31.5 24.6 36.8  
39 49.8 38.1 57.1





#55  
1,1,2-Trichloroethane  
Concen: 43.601 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

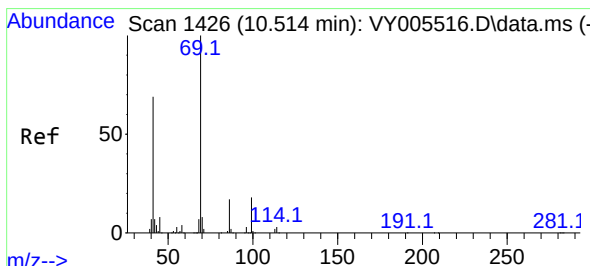
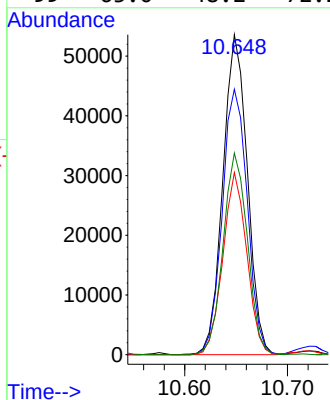
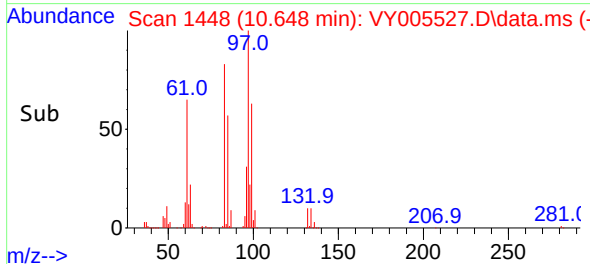


Tgt Ion: 97 Resp: 88626

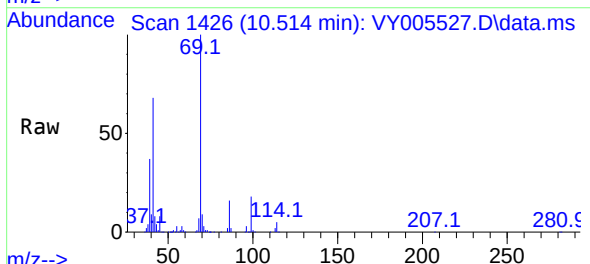
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.0  | 68.7  | 103.1 |
| 85  | 56.9  | 42.4  | 63.6  |
| 99  | 63.0  | 48.2  | 72.2  |

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8/6/2021 5:40:12 PM

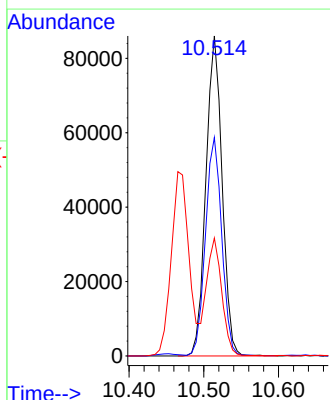
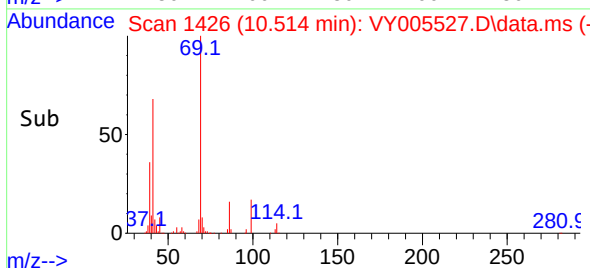


#56  
Ethyl methacrylate  
Concen: 42.478 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

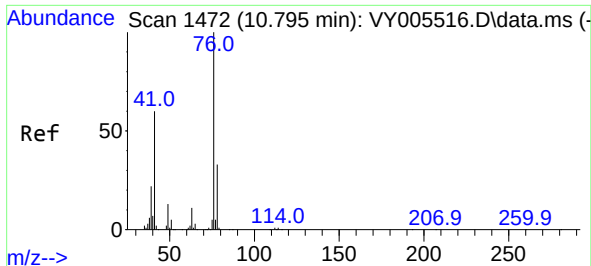


Tgt Ion: 69 Resp: 129288

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 68.6  | 53.9  | 80.9  |
| 39  | 33.9  | 27.0  | 40.4  |







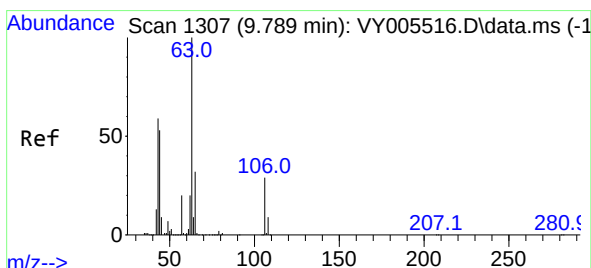
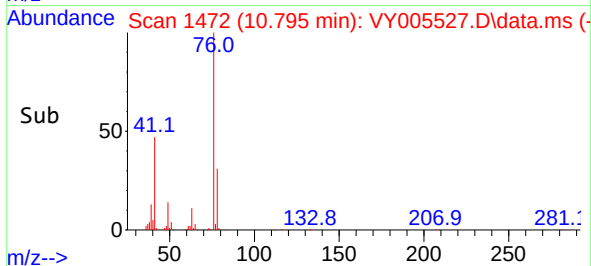
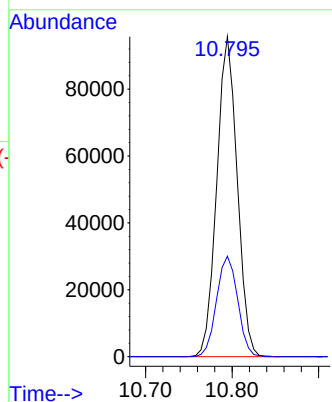
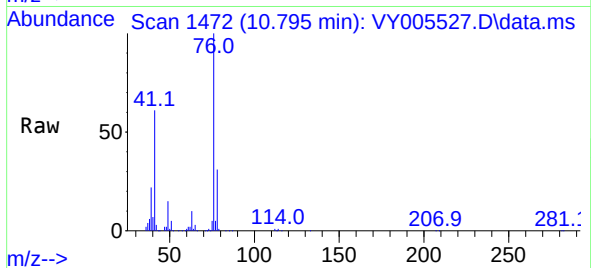
#57  
1,3-Dichloropropane  
Concen: 43.756 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 76 Resp: 156840  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.7 38.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

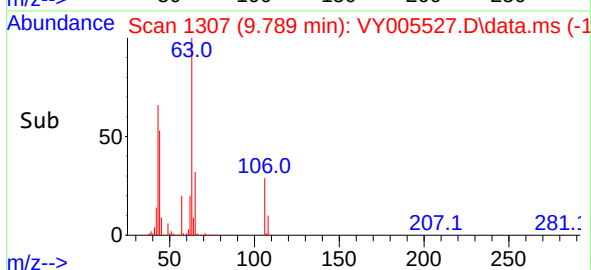
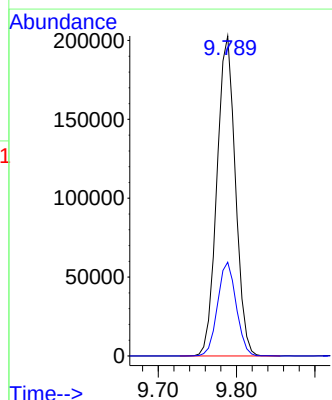
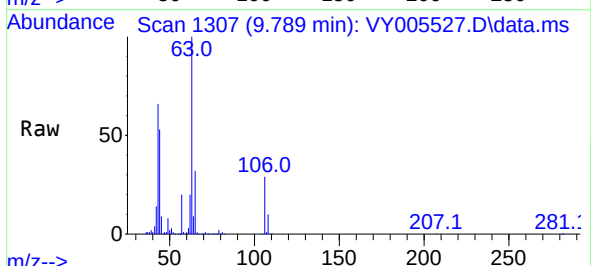
Manual Integrations  
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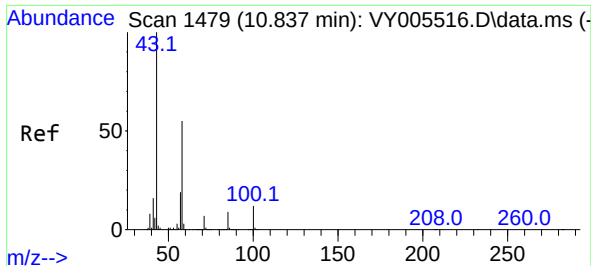
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8/6/2021 5:40:12 PM



#58  
2-Chloroethyl Vinyl ether  
Concen: 228.320 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 63 Resp: 332046  
Ion Ratio Lower Upper  
63 100  
106 29.6 23.1 34.7





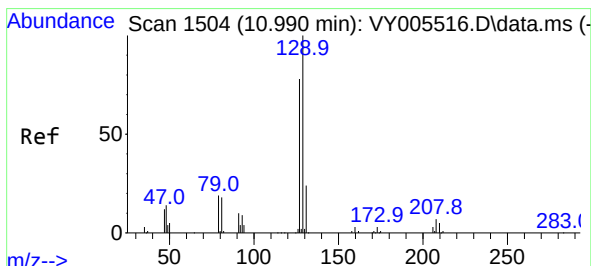
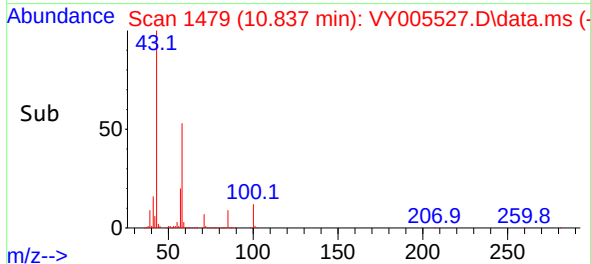
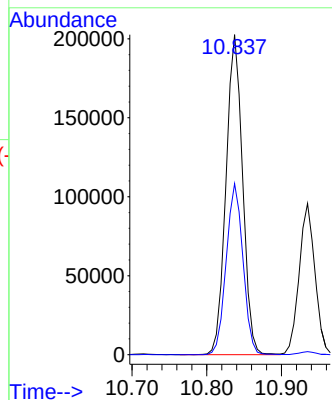
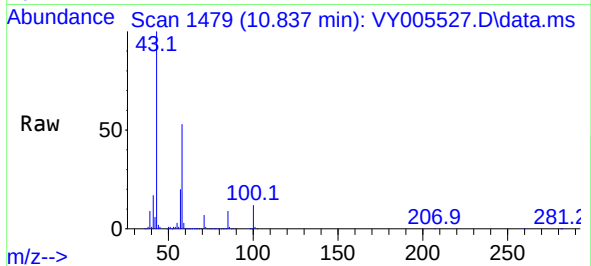
#59  
2-Hexanone  
Concen: 207.102 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 43 Resp: 313558  
Ion Ratio Lower Upper  
43 100  
58 53.9 27.1 81.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

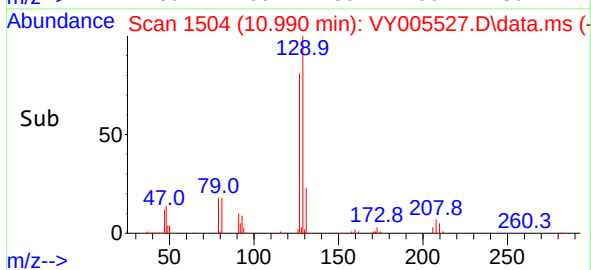
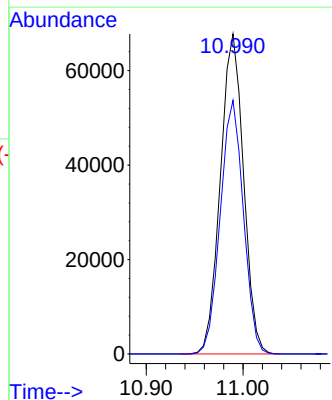
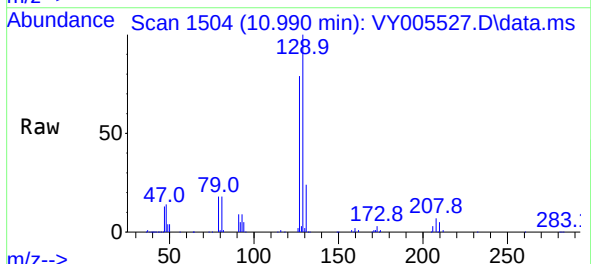
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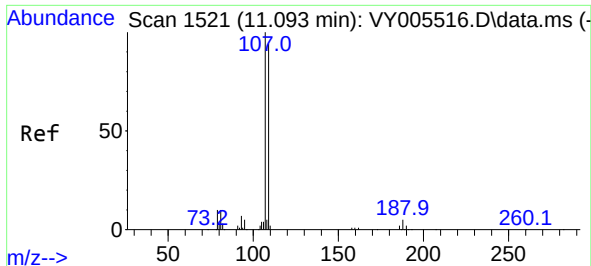
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8/6/2021 5:40:12 PM



#60  
Dibromochloromethane  
Concen: 44.781 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 129 Resp: 112647  
Ion Ratio Lower Upper  
129 100  
127 78.9 38.6 115.7





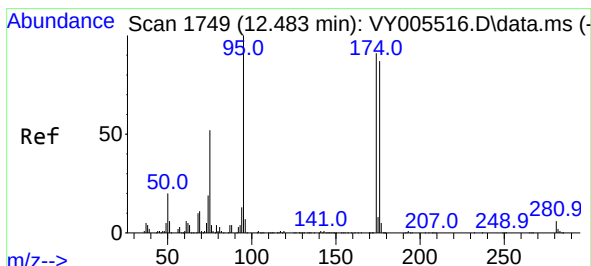
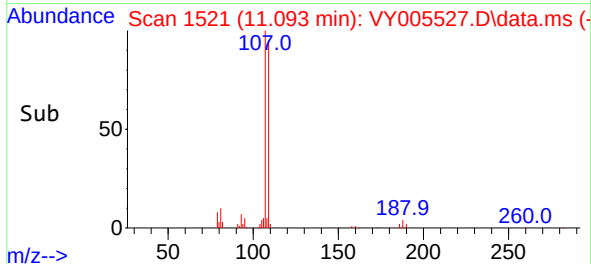
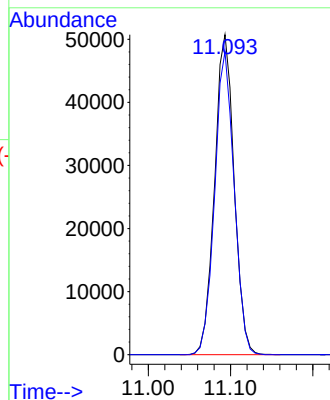
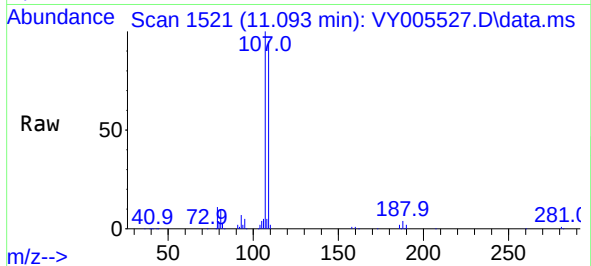
#61  
1,2-Dibromoethane  
Concen: 43.576 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:107 Resp: 83902  
Ion Ratio Lower Upper  
107 100  
109 94.1 74.7 112.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

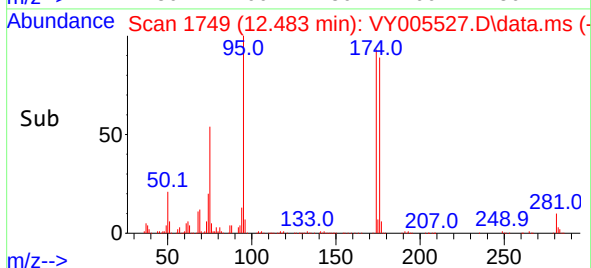
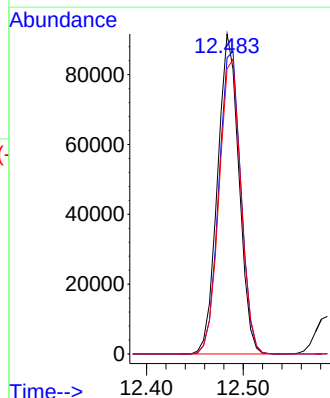
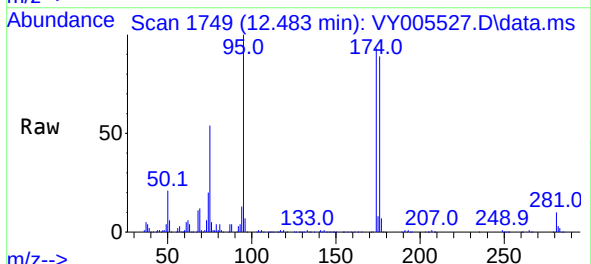
Manual Integrations  
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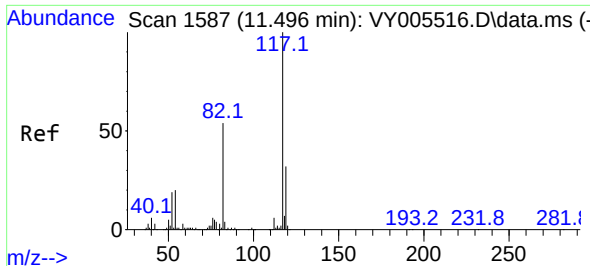
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8/6/2021 5:40:12 PM



#62  
4-Bromofluorobenzene  
Concen: 47.867 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

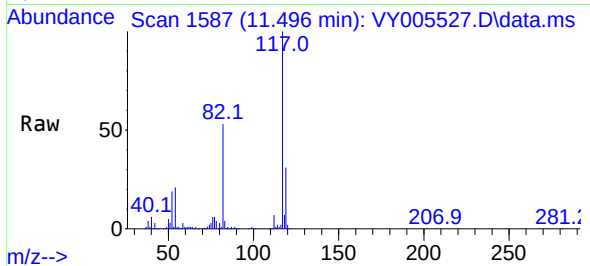
Tgt Ion: 95 Resp: 140731  
Ion Ratio Lower Upper  
95 100  
174 96.9 0.0 191.4  
176 93.9 0.0 183.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

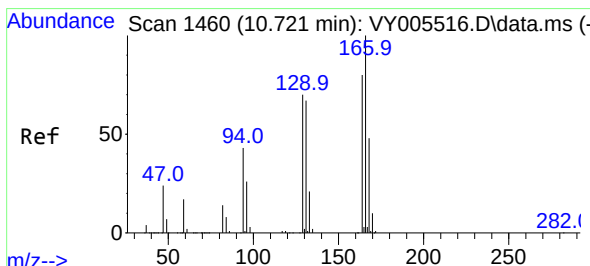
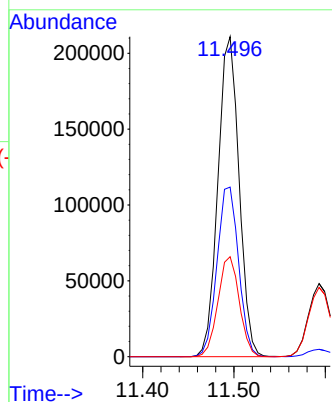
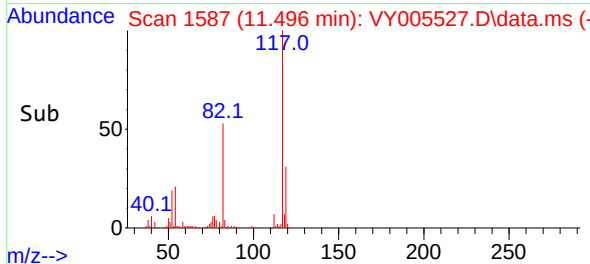
Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDCCC050



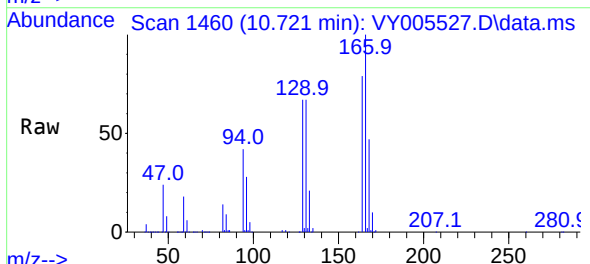
Tgt Ion:117 Resp: 339067  
Ion Ratio Lower Upper  
117 100  
82 53.0 43.5 65.3  
119 31.3 25.5 38.3

Manual Integrations  
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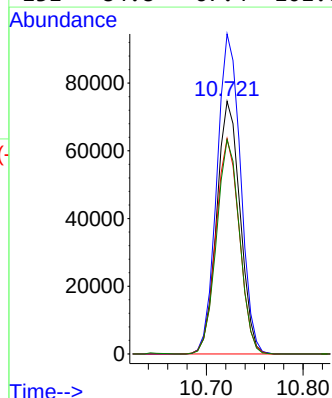
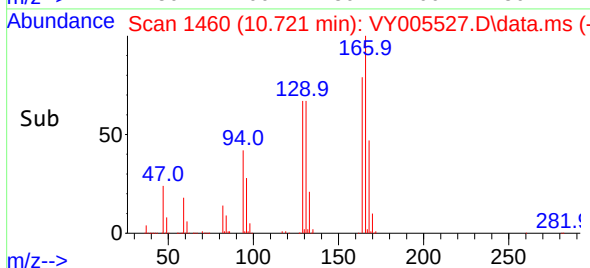
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8/6/2021 5:40:12 PM

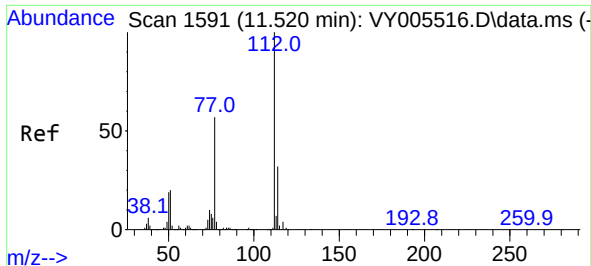


#64  
Tetrachloroethene  
Concen: 48.621 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54



Tgt Ion:164 Resp: 125486  
Ion Ratio Lower Upper  
164 100  
166 126.6 99.8 149.8  
129 85.3 70.1 105.1  
131 84.8 67.4 101.0





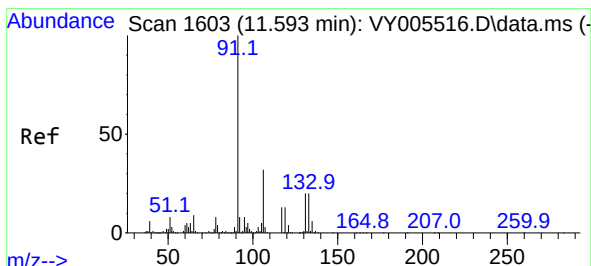
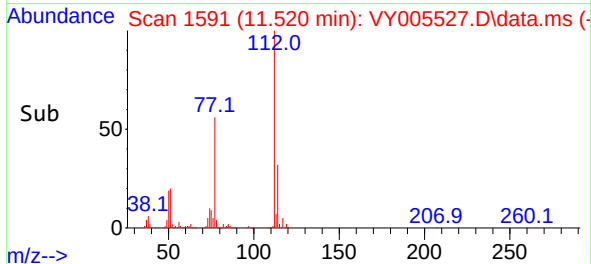
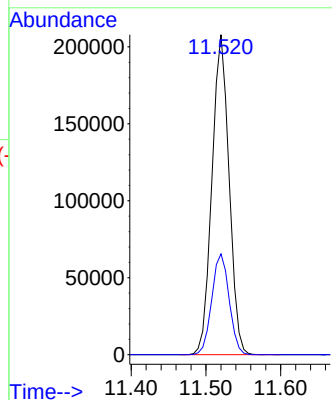
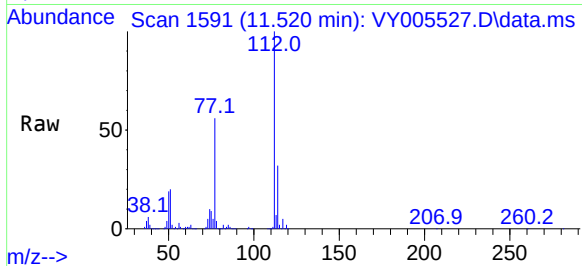
#65  
Chlorobenzene  
Concen: 48.473 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:112 Resp: 330738  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.2 37.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

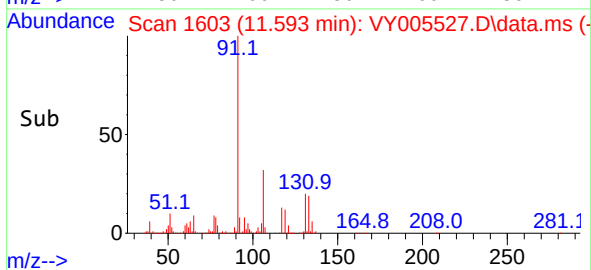
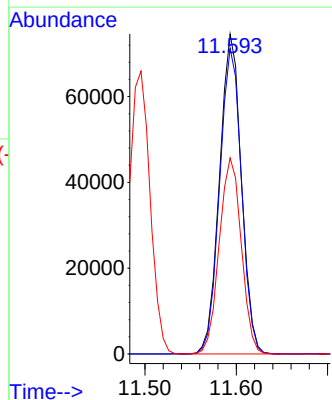
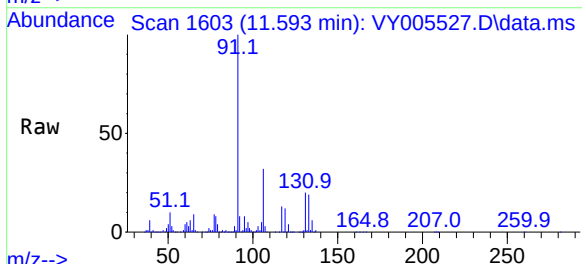
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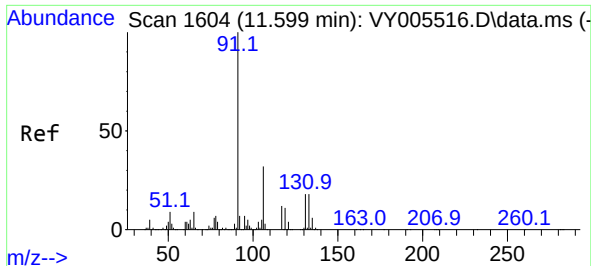
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8/6/2021 5:40:12 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.125 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:131 Resp: 123588  
Ion Ratio Lower Upper  
131 100  
133 95.6 48.2 144.6  
119 62.0 31.4 94.0





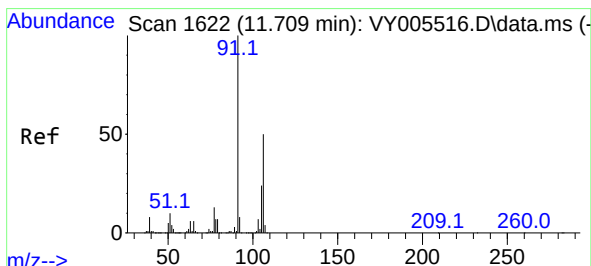
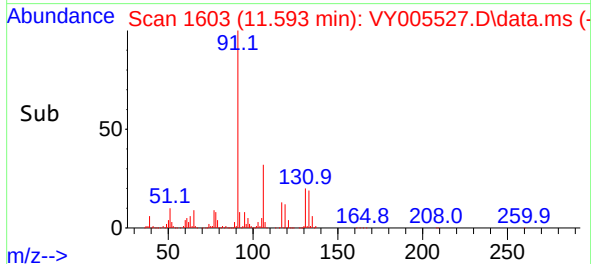
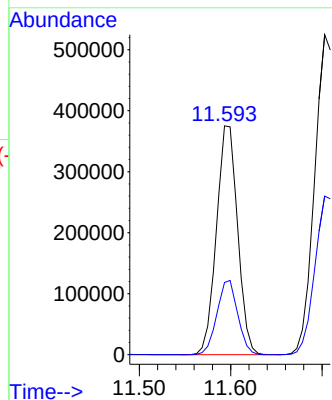
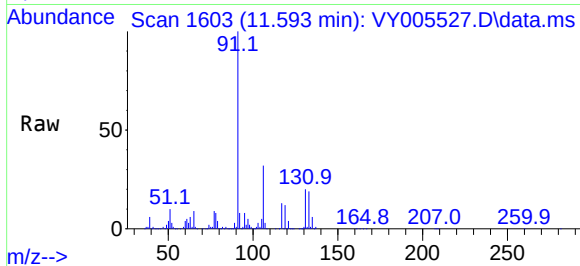
#67  
Ethyl Benzene  
Concen: 48.847 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 91 Resp: 604363  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.8 38.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

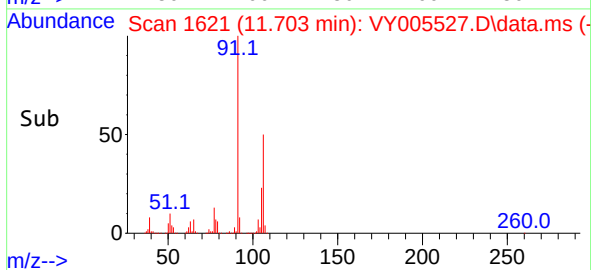
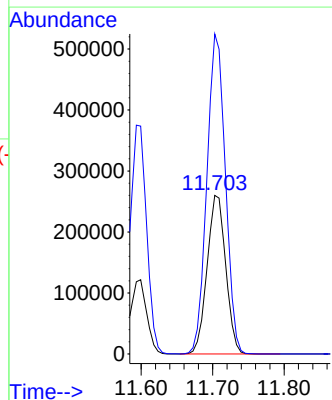
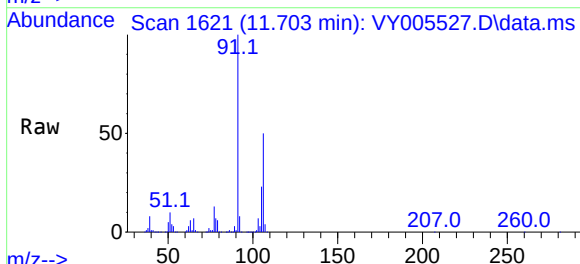
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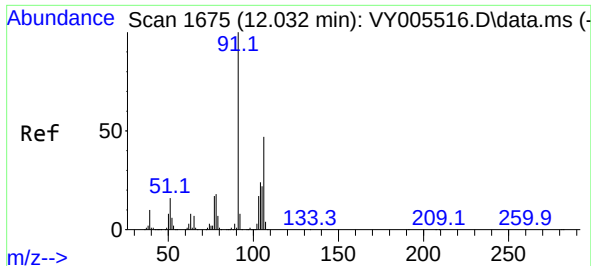
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8/6/2021 5:40:12 PM



#68  
m/p-Xylenes  
Concen: 97.802 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:106 Resp: 469989  
Ion Ratio Lower Upper  
106 100  
91 200.6 159.6 239.4





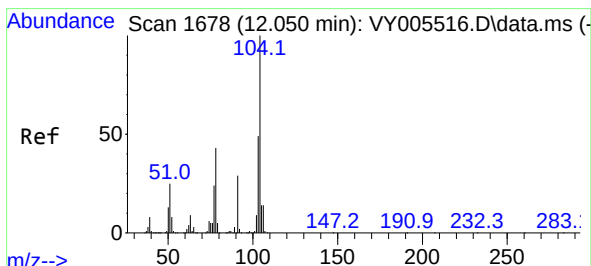
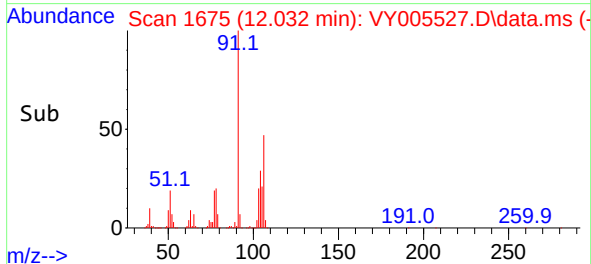
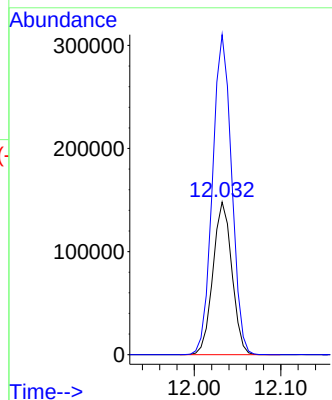
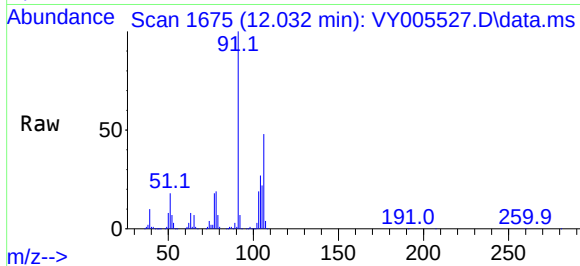
#69  
o-Xylene  
Concen: 48.729 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:106 Resp: 225070  
Ion Ratio Lower Upper  
106 100  
91 211.7 106.2 318.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

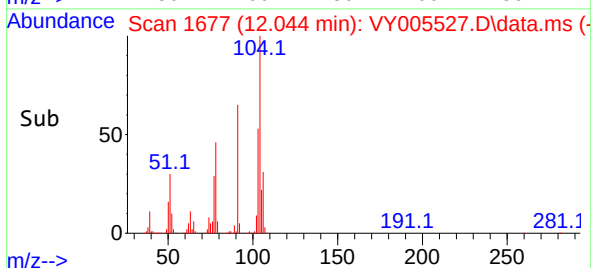
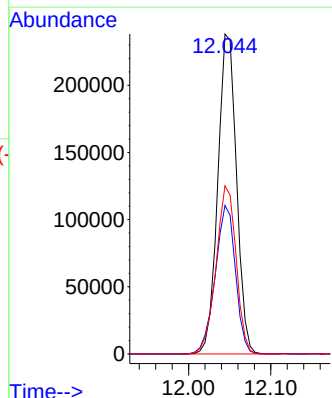
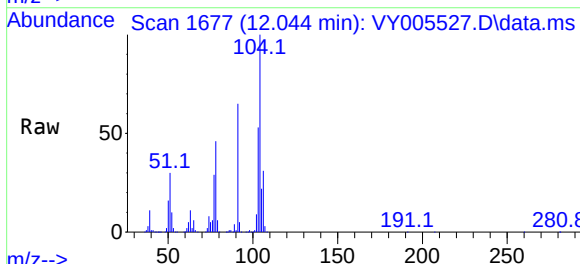
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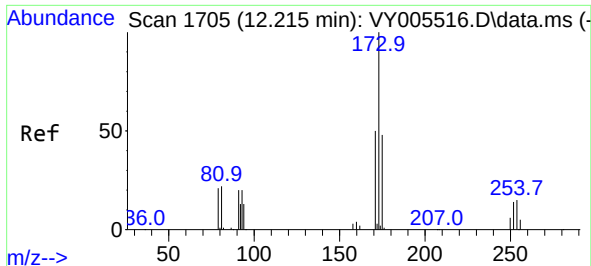
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#70  
Styrene  
Concen: 48.470 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:104 Resp: 376828  
Ion Ratio Lower Upper  
104 100  
78 50.2 40.2 60.4  
103 56.3 43.8 65.8





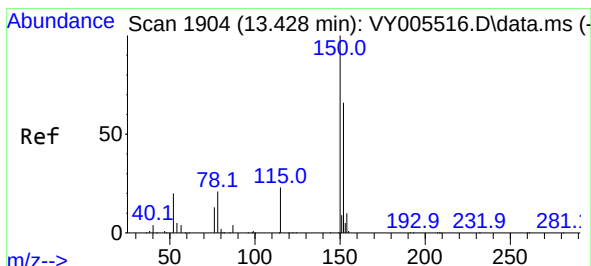
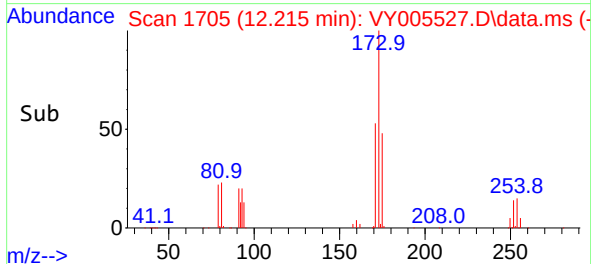
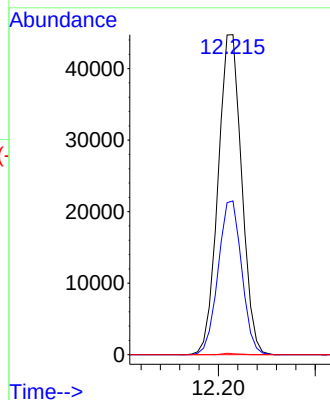
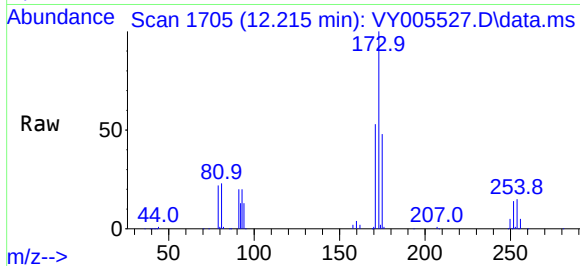
#71  
Bromoform  
Concen: 45.411 ug/l  
RT: 12.215 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:173 Resp: 75627  
Ion Ratio Lower Upper  
173 100  
175 48.0 24.3 72.9  
254 0.3 0.2 0.2#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

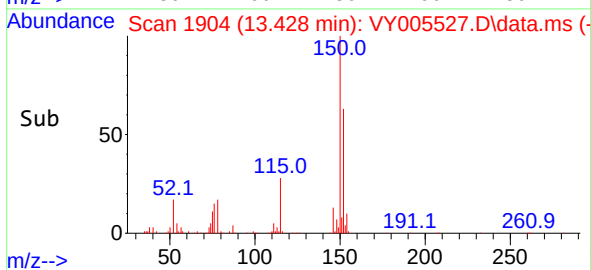
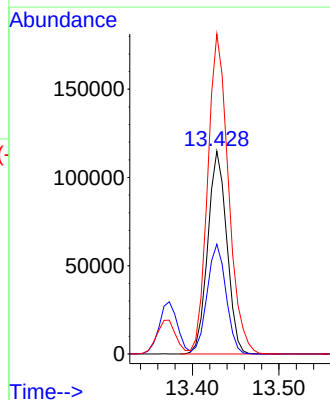
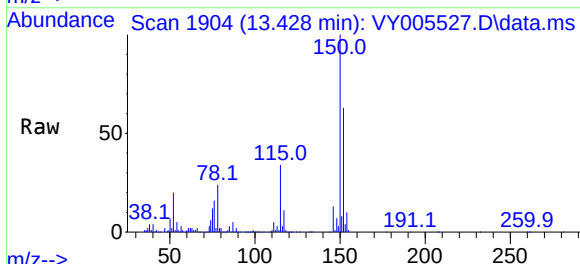
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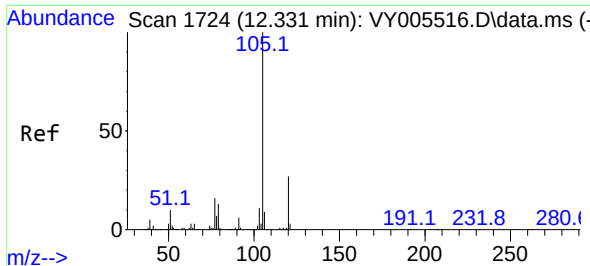


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:152 Resp: 175140  
Ion Ratio Lower Upper  
152 100  
115 53.8 27.3 81.9  
150 172.4 0.0 350.2







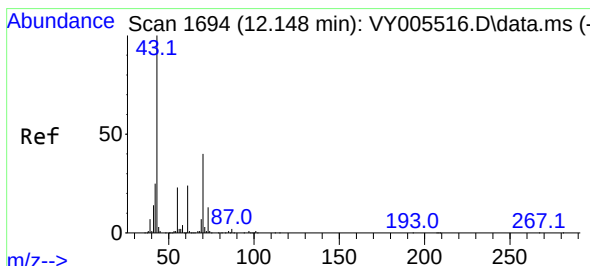
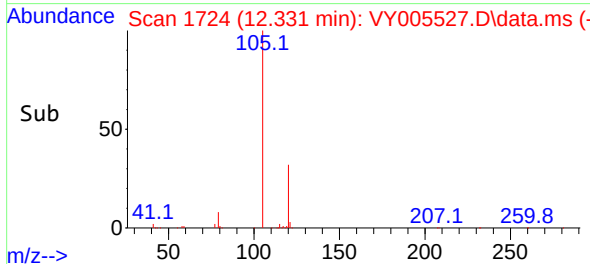
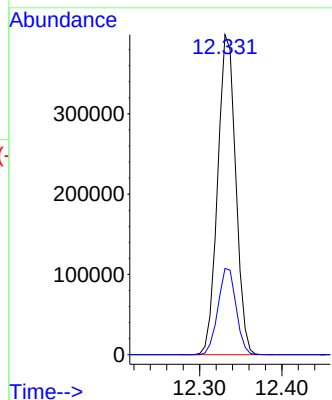
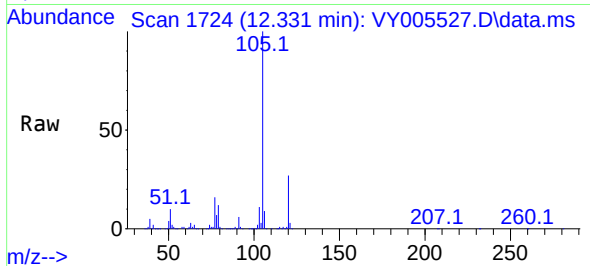
#73  
Isopropylbenzene  
Concen: 49.688 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 105 Resp: 607453  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.7 41.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

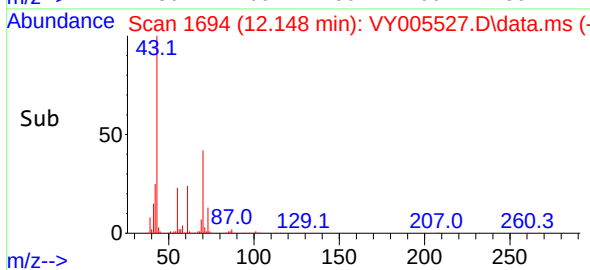
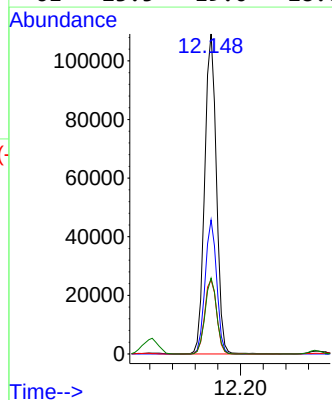
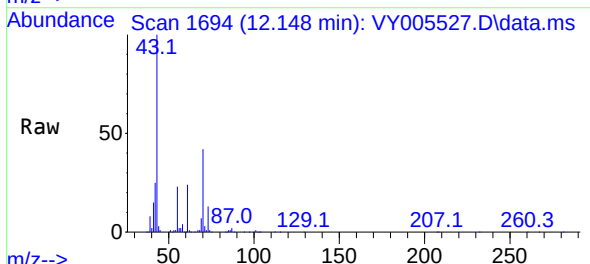
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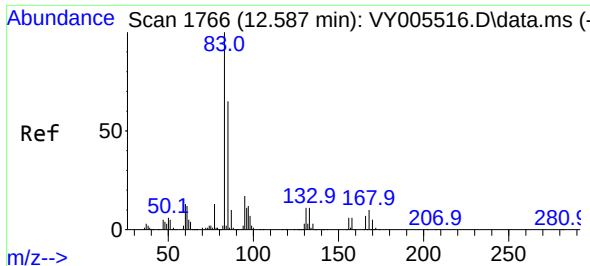
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#74  
N-ethyl acetate  
Concen: 42.509 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

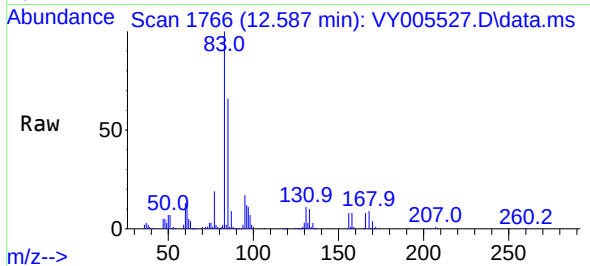
Tgt Ion: 43 Resp: 156439  
Ion Ratio Lower Upper  
43 100  
70 41.2 32.9 49.3  
55 23.7 18.9 28.3  
61 23.5 19.0 28.6





#75  
1,1,2,2-Tetrachloroethane  
Concen: 42.286 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

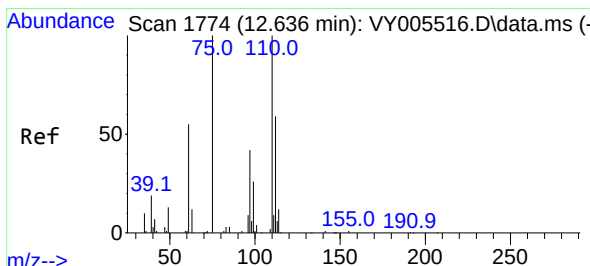
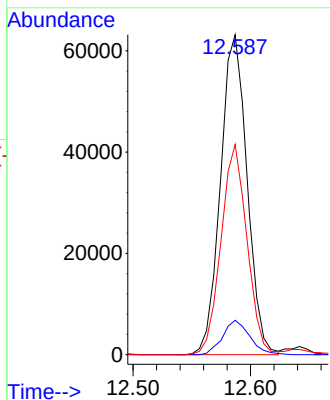
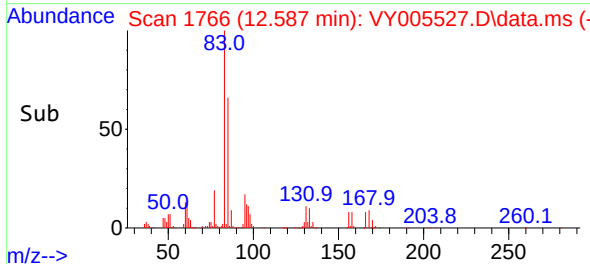
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



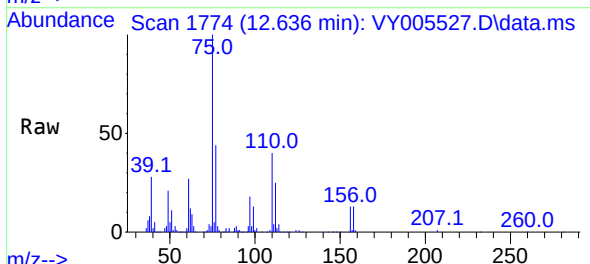
Tgt Ion: 83 Resp: 99430  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.6 16.8  
85 64.0 32.0 96.2

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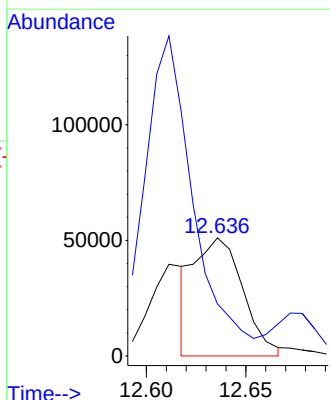
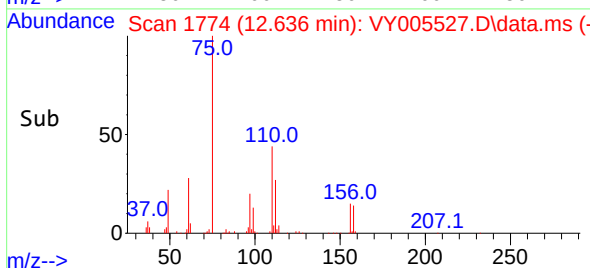
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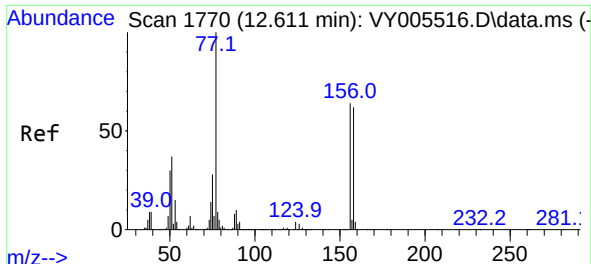


#76  
1,2,3-Trichloropropane  
Concen: 47.789 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54



Tgt Ion: 75 Resp: 86735  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





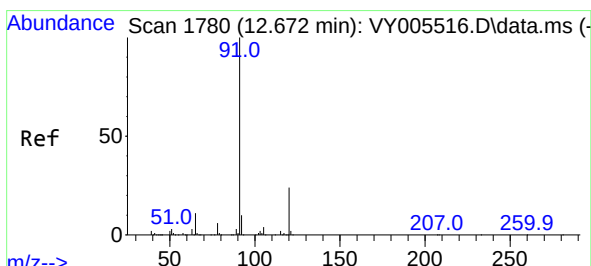
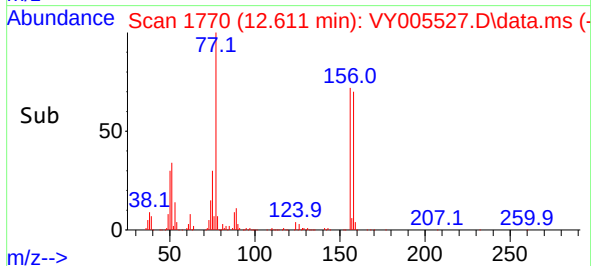
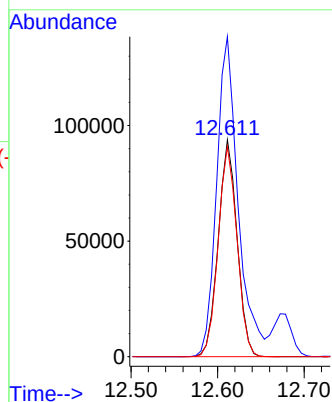
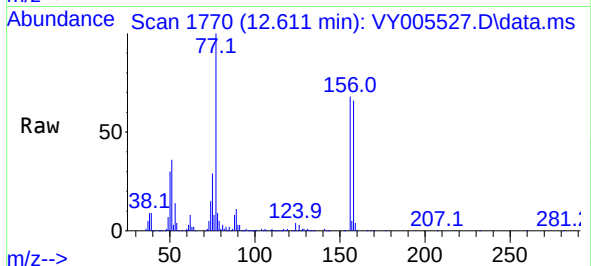
#77  
Bromobenzene  
Concen: 47.180 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 156 Resp: 141709  
Ion Ratio Lower Upper  
156 100  
77 168.2 85.5 256.5  
158 97.0 48.5 145.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

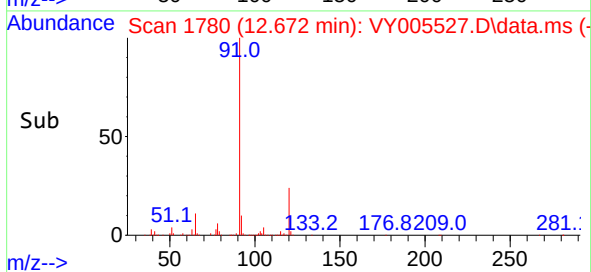
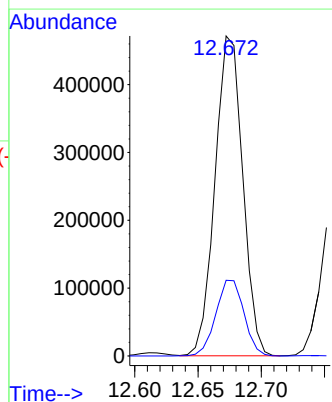
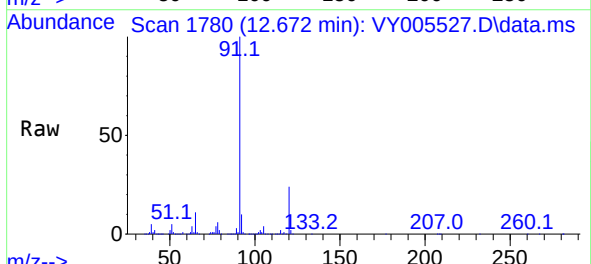
Manual Integrations  
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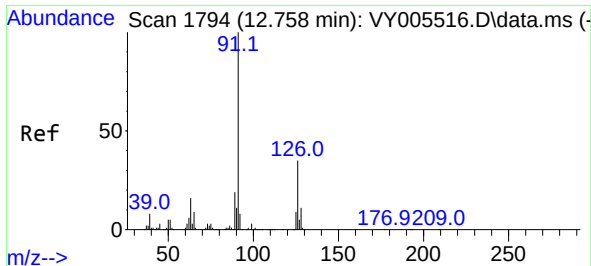
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8/6/2021 5:40:12 PM



#78  
n-propylbenzene  
Concen: 49.476 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 91 Resp: 718380  
Ion Ratio Lower Upper  
91 100  
120 24.0 11.9 35.9





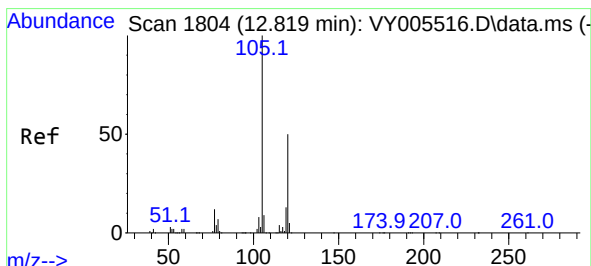
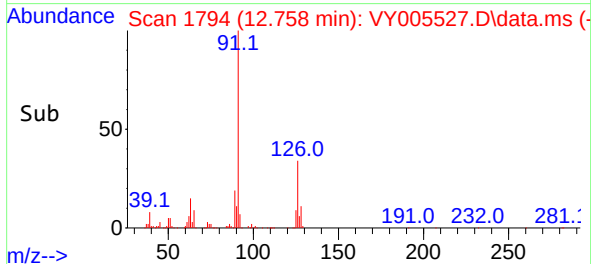
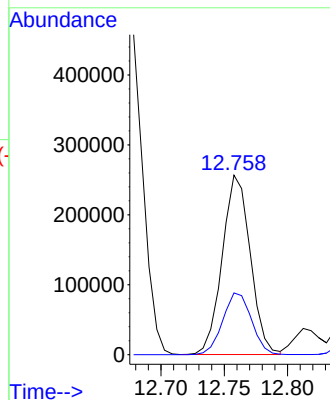
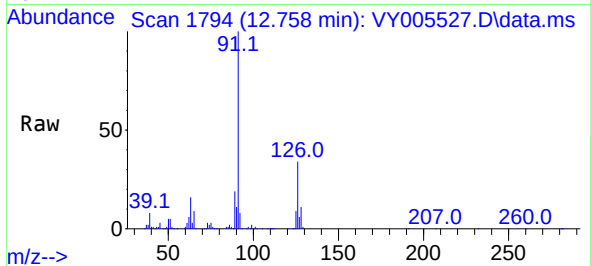
#79  
2-Chlorotoluene  
Concen: 48.608 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 91 Resp: 396317  
Ion Ratio Lower Upper  
91 100  
126 35.2 17.5 52.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

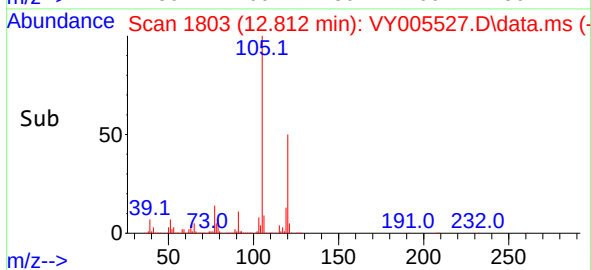
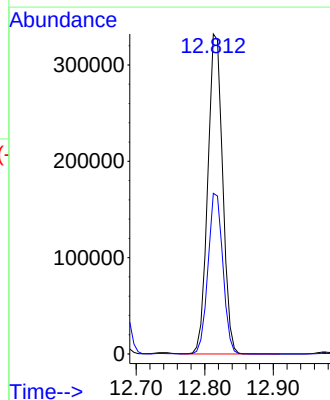
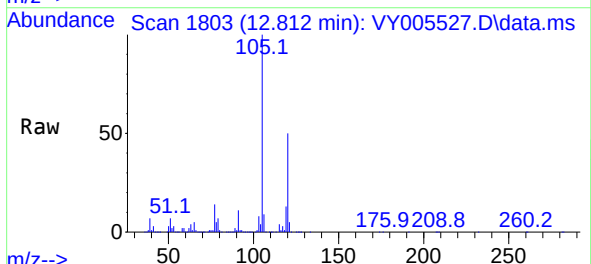
Manual Integrations  
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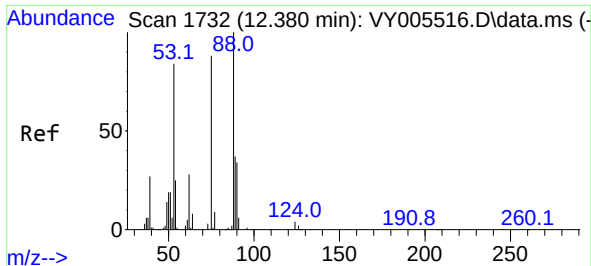
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8/6/2021 5:40:12 PM



#80  
1,3,5-Trimethylbenzene  
Concen: 49.419 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion: 105 Resp: 501395  
Ion Ratio Lower Upper  
105 100  
120 50.2 25.0 75.0





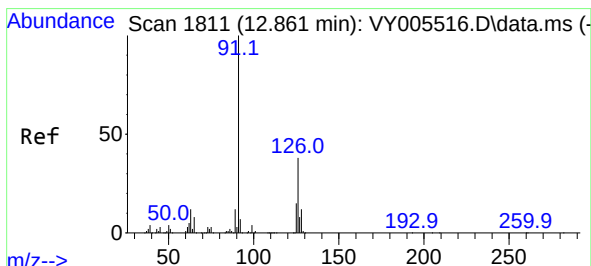
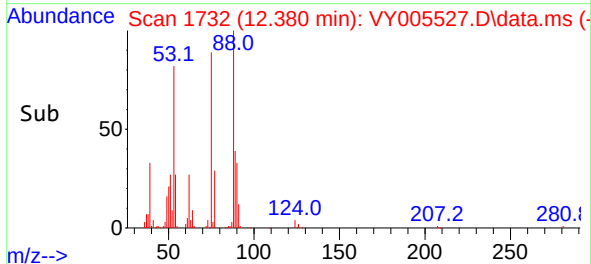
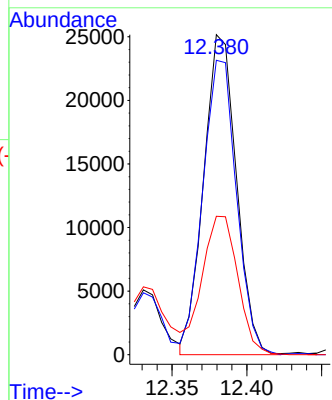
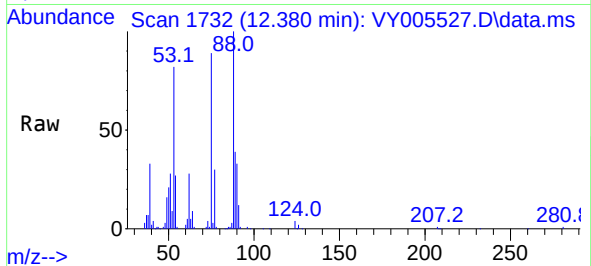
#81  
trans-1,4-Dichloro-2-butene  
Concen: 42.554 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

| Tgt Ion: | 75    | Resp: | 38313 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 94.0  | 76.7  | 115.1 |
| 89       | 47.4  | 38.4  | 57.6  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

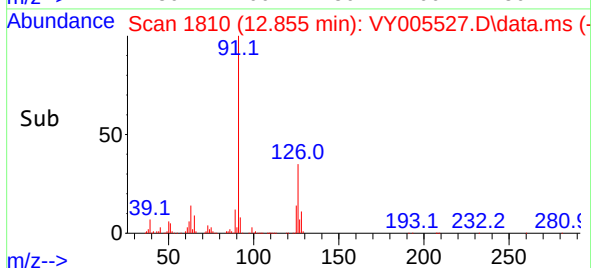
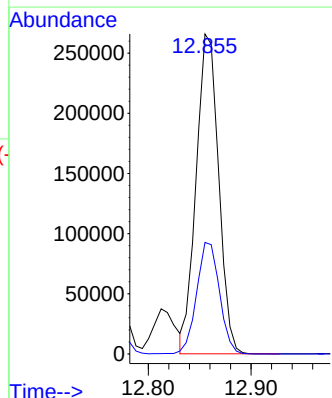
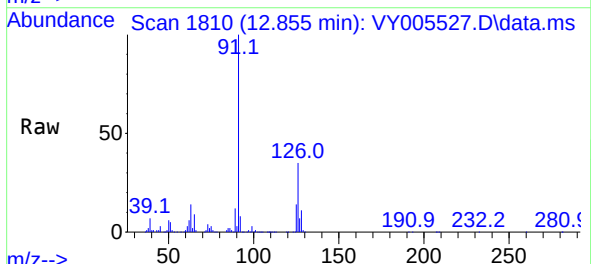
Manual Integrations  
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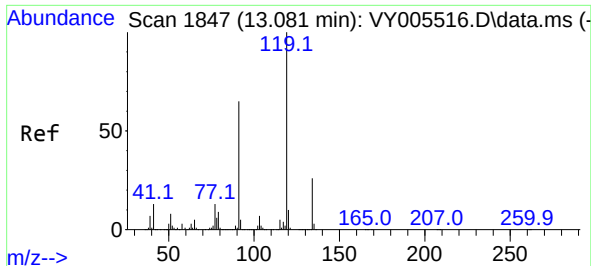
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8/6/2021 5:40:12 PM



#82  
4-Chlorotoluene  
Concen: 48.007 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

| Tgt Ion: | 91    | Resp: | 404992 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 35.5  | 17.5  | 52.5   |





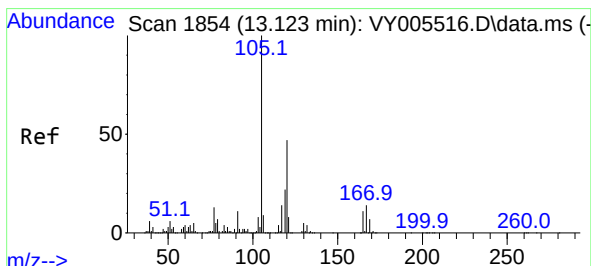
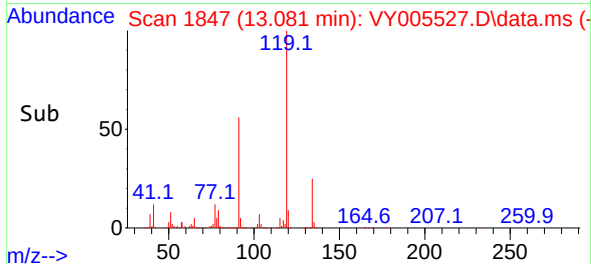
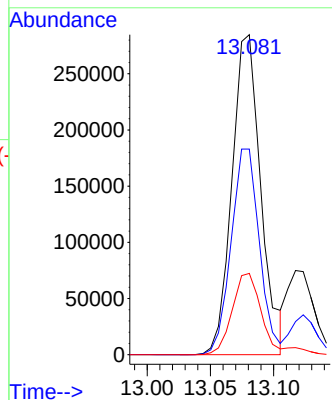
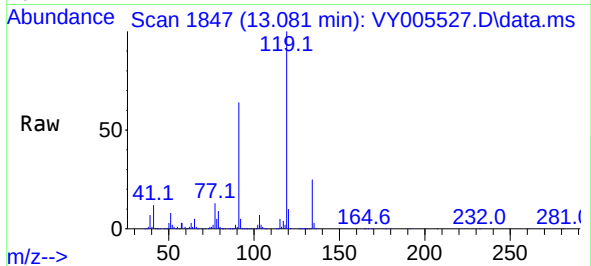
#83  
tert-Butylbenzene  
Concen: 49.720 ug/l  
RT: 13.081 min Scan# 1847  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:119 Resp: 452649  
Ion Ratio Lower Upper  
119 100  
91 63.1 31.9 95.9  
134 26.8 13.4 40.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

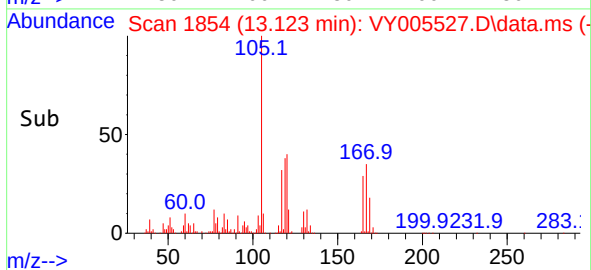
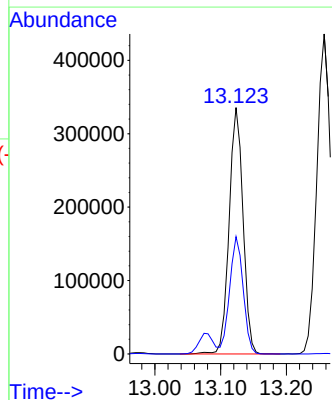
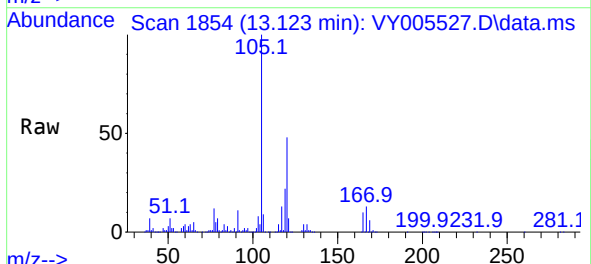
Manual Integrations  
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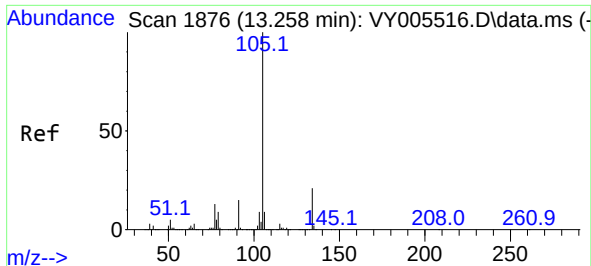
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#84  
1,2,4-Trimethylbenzene  
Concen: 49.281 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:105 Resp: 493356  
Ion Ratio Lower Upper  
105 100  
120 46.1 22.9 68.5





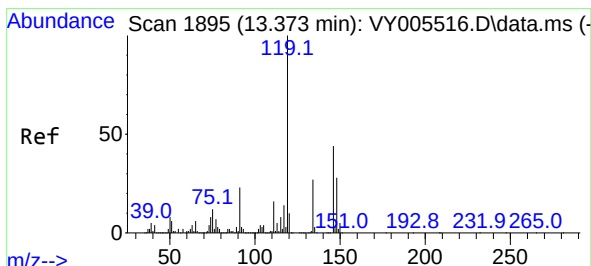
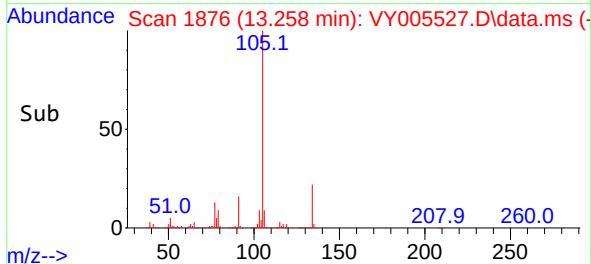
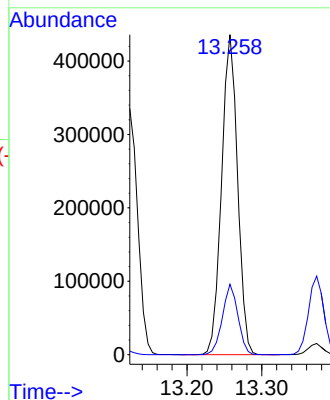
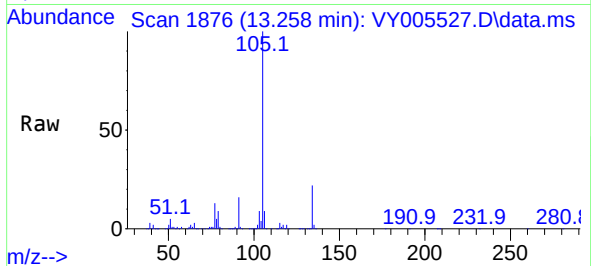
#85  
sec-Butylbenzene  
Concen: 49.365 ug/l  
RT: 13.258 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:105 Resp: 648224  
Ion Ratio Lower Upper  
105 100  
134 21.3 10.5 31.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

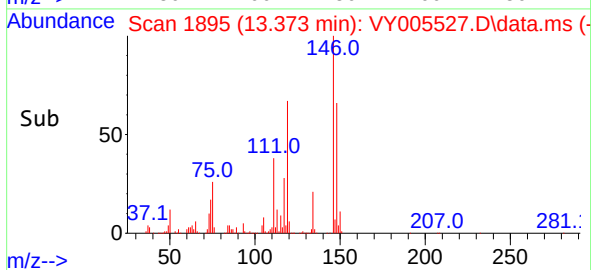
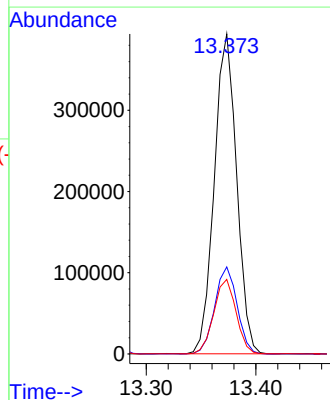
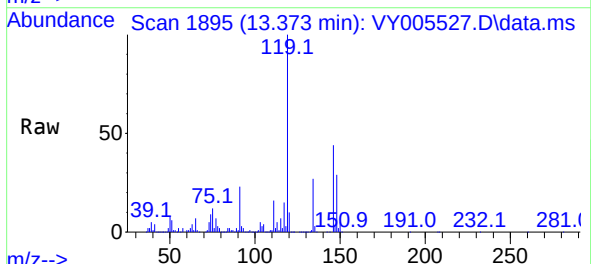
Manual Integrations  
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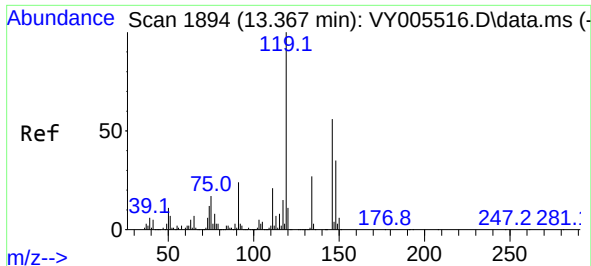
MMDadoda  
8/6/2021 5:40:12 PM



#86  
p-Isopropyltoluene  
Concen: 49.460 ug/l  
RT: 13.373 min Scan# 1895  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:119 Resp: 557601  
Ion Ratio Lower Upper  
119 100  
134 27.3 13.6 40.7  
91 23.3 11.6 34.7





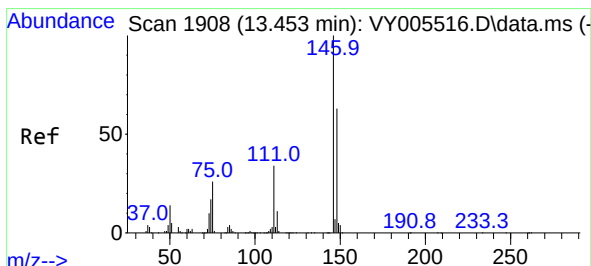
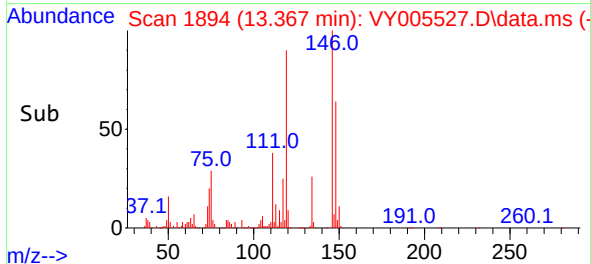
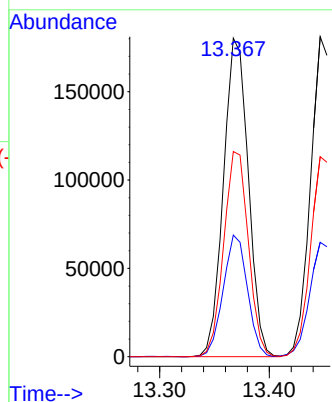
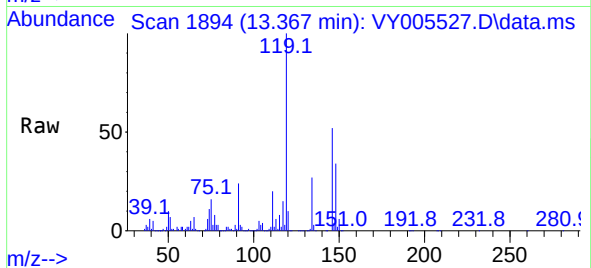
#87  
1,3-Dichlorobenzene  
Concen: 48.408 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:146 Resp: 283703  
Ion Ratio Lower Upper  
146 100  
111 37.3 18.6 56.0  
148 63.9 31.7 95.1

Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDCCC050

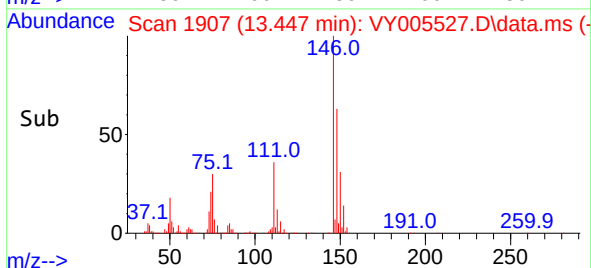
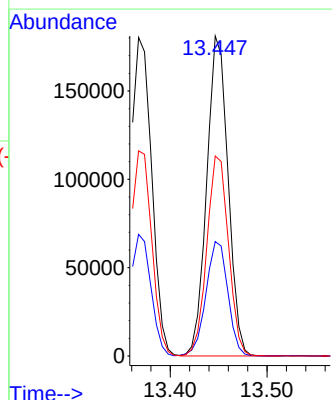
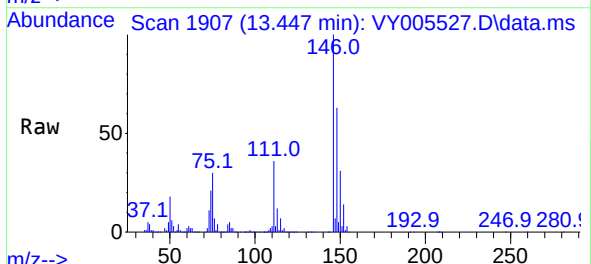
Manual Integrations  
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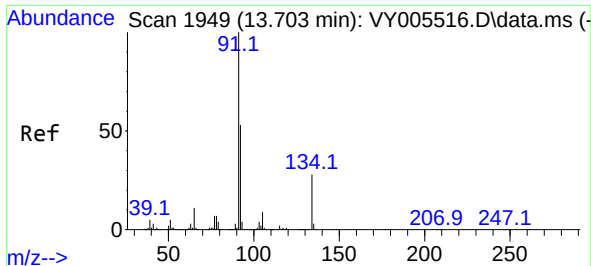


#88  
1,4-Dichlorobenzene  
Concen: 47.856 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:146 Resp: 278231  
Ion Ratio Lower Upper  
146 100  
111 36.7 18.1 54.3  
148 63.5 31.8 95.3







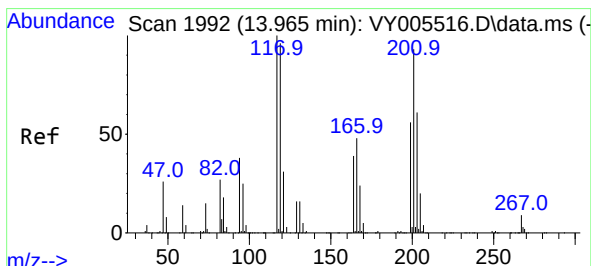
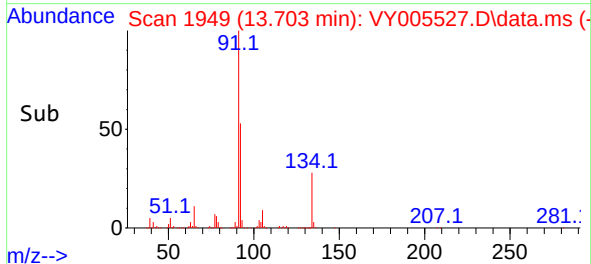
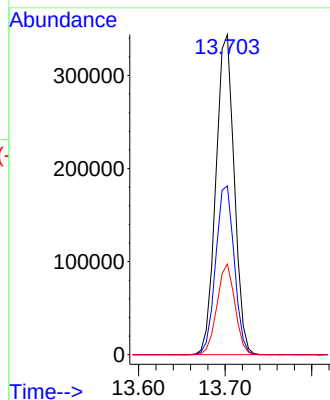
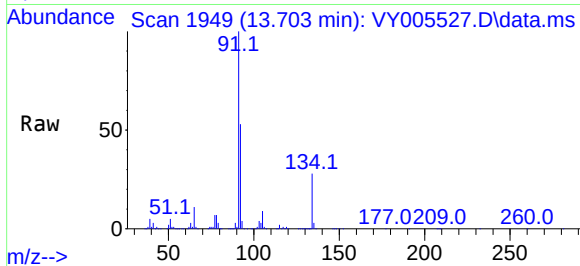
#89  
n-Butylbenzene  
Concen: 49.614 ug/l  
RT: 13.703 min Scan# 1949  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 506741 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 53.3  | 26.7  | 80.1   |
| 134      | 27.6  | 13.8  | 41.4   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

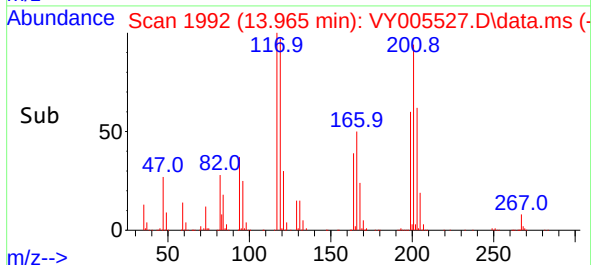
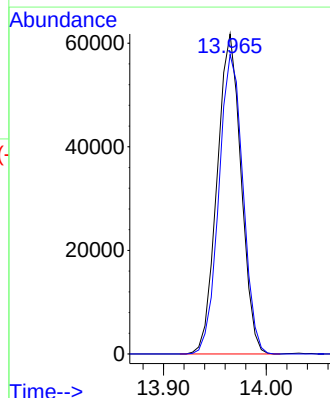
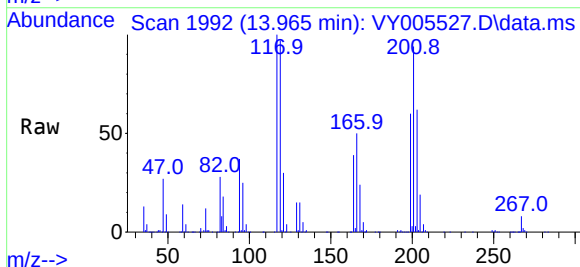
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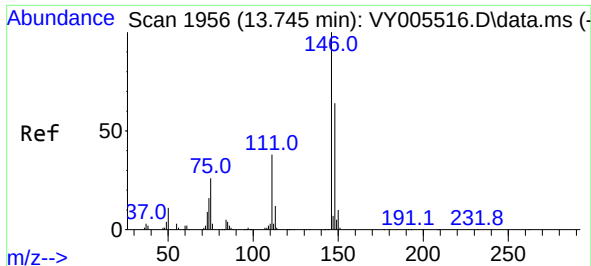
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8/6/2021 5:40:12 PM



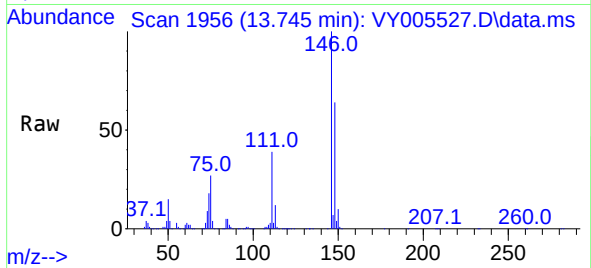
#90  
Hexachloroethane  
Concen: 49.349 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 100025 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 201      | 93.8  | 46.7  | 140.1  |

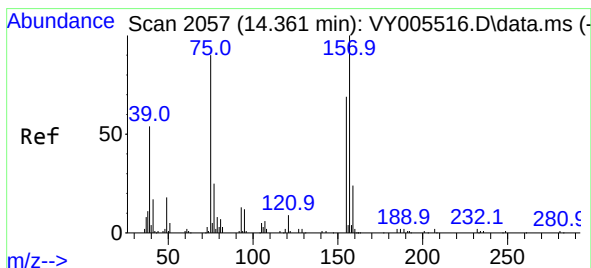
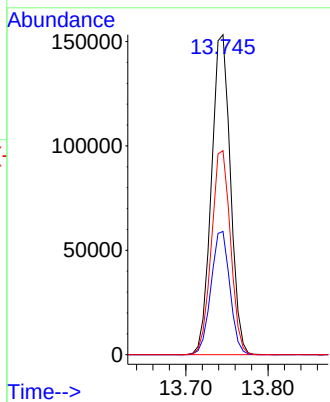
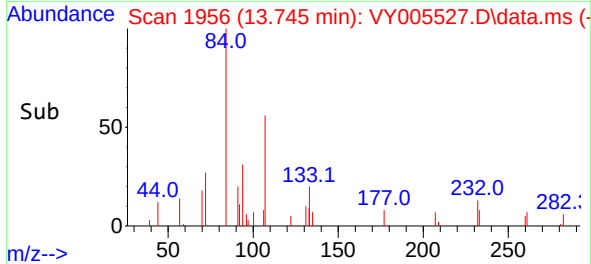




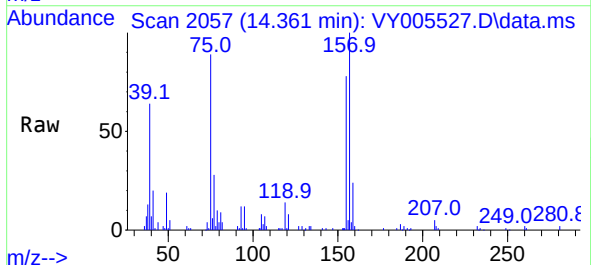
#91  
1,2-Dichlorobenzene  
Concen: 47.435 ug/l  
RT: 13.745 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54



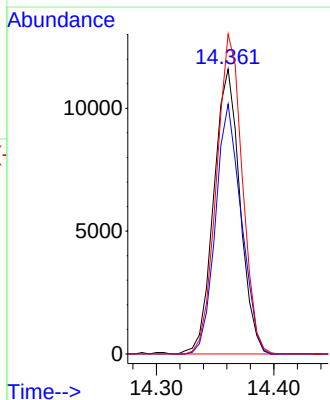
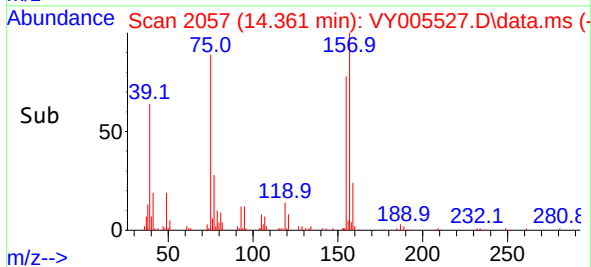
Tgt Ion:146 Resp: 245555  
Ion Ratio Lower Upper  
146 100  
111 38.3 19.4 58.2  
148 64.2 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 40.310 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54



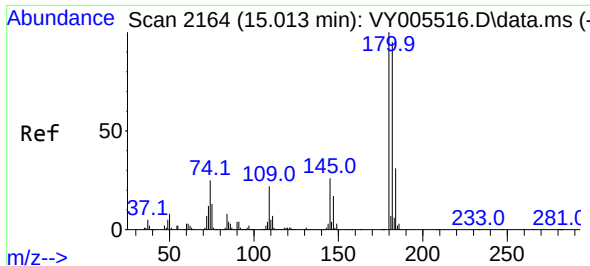
Tgt Ion: 75 Resp: 17968  
Ion Ratio Lower Upper  
75 100  
155 86.0 42.4 127.1  
157 110.8 56.0 168.2



Instrument :  
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ClientSampleId :  
VSTDCCC050

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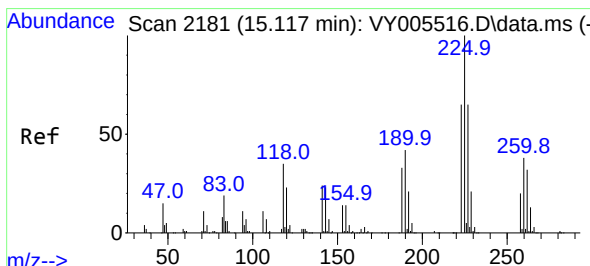
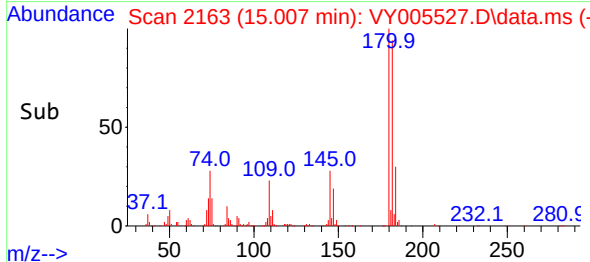
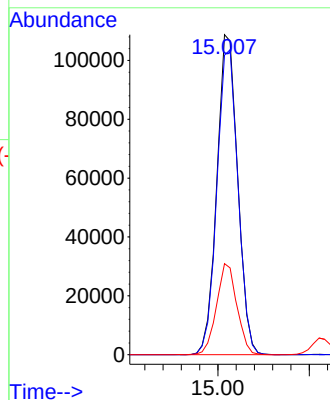
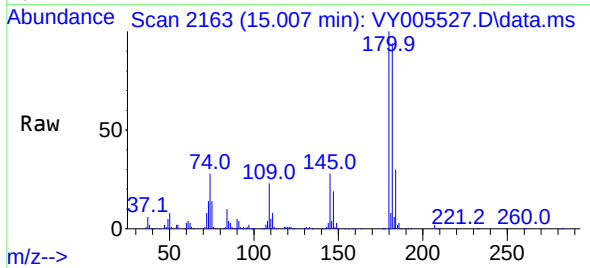
#93  
1,2,4-Trichlorobenzene  
Concen: 48.396 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 172097 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.5  | 47.8  | 143.4  |
| 145       | 27.9  | 14.0  | 42.0   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

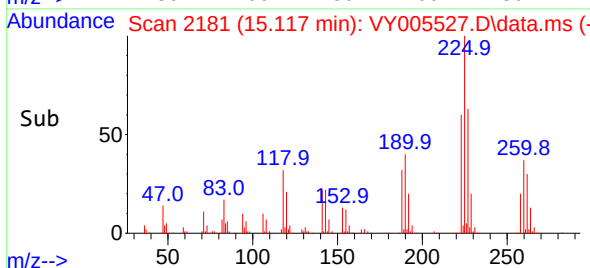
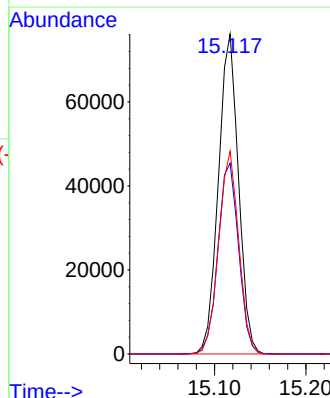
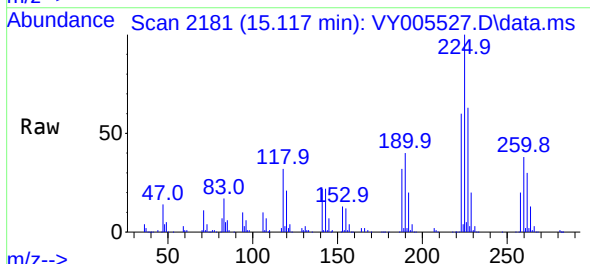
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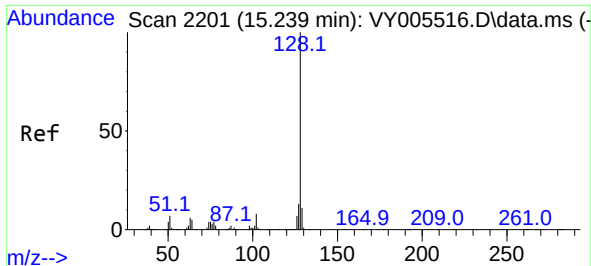
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#94  
Hexachlorobutadiene  
Concen: 50.506 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 116291 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 61.4  | 31.4  | 94.0   |
| 227       | 63.2  | 32.2  | 96.6   |





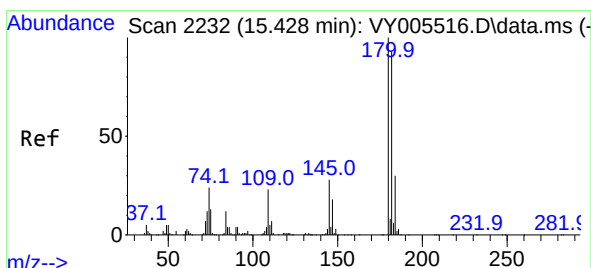
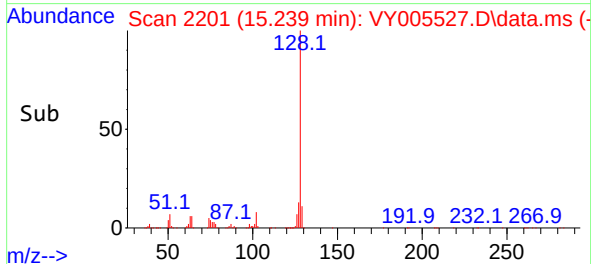
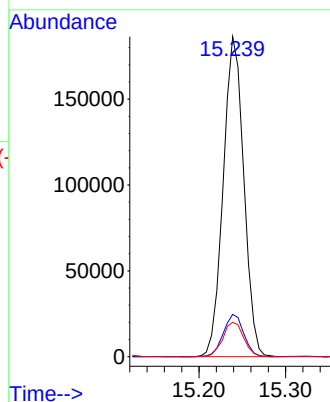
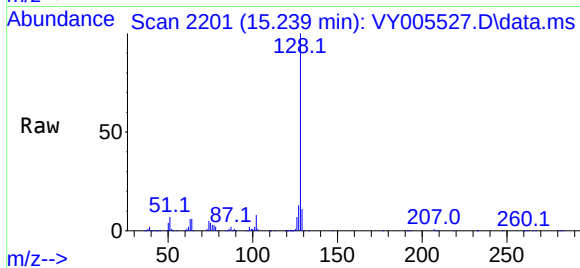
#95  
Naphthalene  
Concen: 43.875 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:128 Resp: 307560  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.6 15.8  
129 11.0 8.7 13.1

Instrument :  
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Manual Integrations  
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8/6/2021 5:40:12 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 47.529 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY005527.D  
Acq: 04 Aug 2021 09:54

Tgt Ion:180 Resp: 149738  
Ion Ratio Lower Upper  
180 100  
182 95.4 47.9 143.6  
145 29.2 14.6 44.0

