

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY072221\  
 Data File : VY005411.D  
 Acq On : 22 Jul 2021 12:03  
 Operator : SY/MD  
 Sample : VSTDIC100  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

Manual Integrations  
 APPROVED

MMDadoda  
 7/23/2021 5:47:52 PM

Quant Time: Jul 23 05:48:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 05:45:30 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                        |                |      |                      |         |        |          |
| Internal Standards           |                |      |                      |         |        |          |
| 1) Pentafluorobenzene        | 7.801          | 168  | 291363               | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697          | 114  | 423579               | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.495         | 117  | 392641               | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 202241               | 50.000  | ug/l   | 0.00     |
|                              |                |      |                      |         |        |          |
| System Monitoring Compounds  |                |      |                      |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.149          | 65   | 324010               | 104.092 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 208.180%# |         |        |          |
| 35) Dibromofluoromethane     | 7.728          | 113  | 257178               | 105.152 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 210.300%# |         |        |          |
| 50) Toluene-d8               | 10.185         | 98   | 1104473              | 106.546 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 213.100%# |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 360516               | 105.374 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 210.740%# |         |        |          |
|                              |                |      |                      |         |        |          |
| Target Compounds             |                |      |                      |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.906          | 85   | 243904               | 92.470  | ug/l   | 100      |
| 3) Chloromethane             | 2.119          | 50   | 318232               | 98.421  | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.253          | 62   | 378423               | 98.286  | ug/l   | 100      |
| 5) Bromomethane              | 2.643          | 94   | 255073               | 90.652  | ug/l   | 99       |
| 6) Chloroethane              | 2.796          | 64   | 245510               | 101.501 | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.131          | 101  | 509507               | 101.195 | ug/l   | 98       |
| 8) Diethyl Ether             | 3.533          | 74   | 184937               | 104.339 | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 3.905          | 101  | 288307               | 105.359 | ug/l   | 97       |
| 10) Methyl Iodide            | 4.100          | 142  | 366268               | 117.938 | ug/l   | 97       |
| 11) Tert butyl alcohol       | 4.978          | 59   | 164016               | 557.783 | ug/l # | 87       |
| 12) 1,1-Dichloroethene       | 3.875          | 96   | 294375               | 105.676 | ug/l   | 99       |
| 13) Acrolein                 | 3.741          | 56   | 137488               | 510.601 | ug/l   | 97       |
| 14) Allyl chloride           | 4.491          | 41   | 533837               | 107.086 | ug/l   | 97       |
| 15) Acrylonitrile            | 5.180          | 53   | 481188               | 546.671 | ug/l   | 100      |
| 16) Acetone                  | 3.960          | 43   | 388872               | 547.046 | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.198          | 76   | 962163               | 104.453 | ug/l   | 99       |
| 18) Methyl Acetate           | 4.485          | 43   | 214788               | 107.496 | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.234          | 73   | 909711               | 108.232 | ug/l   | 99       |
| 20) Methylene Chloride       | 4.728          | 84   | 337251               | 81.882  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 5.228          | 96   | 329949               | 105.430 | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.131          | 45   | 940440               | 97.197  | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.070          | 43   | 3196214              | 502.218 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.027          | 63   | 519107               | 97.334  | ug/l   | 99       |
| 25) 2-Butanone               | 6.996          | 43   | 553322               | 519.780 | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 6.996          | 77   | 469090               | 96.726  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 6.996          | 96   | 328079               | 98.000  | ug/l   | 99       |
| 28) Bromochloromethane       | 7.344          | 49   | 201248               | 93.736  | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.356          | 42   | 372963               | 529.056 | ug/l   | 99       |
| 30) Chloroform               | 7.514          | 83   | 521936               | 98.923  | ug/l   | 99       |
| 31) Cyclohexane              | 7.789          | 56   | 511820               | 96.298  | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 7.710          | 97   | 489926               | 100.294 | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.923          | 75   | 420815               | 102.748 | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.088          | 43   | 250142               | 100.333 | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 7.905          | 117  | 451596               | 100.904 | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.185          | 83   | 547046               | 104.164 | ug/l   | 99       |
| 40) Benzene                  | 8.167          | 78   | 1195606              | 101.583 | ug/l   | 99       |

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 Sample : VSTDICC100  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICC100

Manual Integrations  
 APPROVED

MMDadoda  
 7/23/2021 5:47:52 PM

Quant Time: Jul 23 05:48:50 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 05:45:30 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.325  | 41   | 132251m  | 79.416   | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 383333   | 100.681  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.283  | 43   | 483568   | 107.107  | ug/l   | 99       |
| 44) Trichloroethene           | 8.947  | 130  | 322987   | 101.187  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.221  | 63   | 296723   | 102.388  | ug/l   | 99       |
| 46) Dibromomethane            | 9.313  | 93   | 163960   | 102.790  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.502  | 83   | 408564   | 101.900  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.301  | 41   | 223730   | 106.558  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 50443    | 2241.904 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 1281193  | 534.535  | ug/l   | 99       |
| 52) Toluene                   | 10.246 | 92   | 772838   | 103.403  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 467284   | 104.183  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 505953   | 102.620  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 233545   | 102.021  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 371463   | 107.465  | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 416586   | 102.317  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.788  | 63   | 915438   | 553.767  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.837 | 43   | 918468   | 546.734  | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.989 | 129  | 288529   | 103.200  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 222649   | 102.751  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 298518   | 100.640  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.520 | 112  | 812790   | 101.069  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 306335   | 101.991  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 1516535  | 103.588  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 1179147  | 207.424  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 562769   | 104.059  | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 961046   | 104.652  | ug/l   | 100      |
| 71) Bromoform                 | 12.209 | 173  | 198765   | 103.543  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 1458484  | 104.577  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 459147   | 108.133  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 278249   | 104.496  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 204350m  | 136.908  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 349672   | 102.384  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.672 | 91   | 1754424  | 104.266  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 974130   | 103.068  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 1205196  | 103.460  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 108495   | 105.862  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 1005966  | 102.836  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.074 | 119  | 1086587  | 104.721  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 1212852  | 103.805  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 1568081  | 104.775  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 1357713  | 105.363  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 689178   | 102.890  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 675088   | 101.717  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 1242925  | 105.083  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 242618   | 104.743  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 606341   | 101.371  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 53853    | 104.293  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 431702   | 104.605  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 272475   | 104.174  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 893570   | 107.636  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 384324   | 103.316  | ug/l   | 99       |

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Sample : VSTDICC100  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC100

Manual Integrations  
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Quant Time: Jul 23 05:48:50 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072221S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 23 05:45:30 2021  
Response via : Initial Calibration

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

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

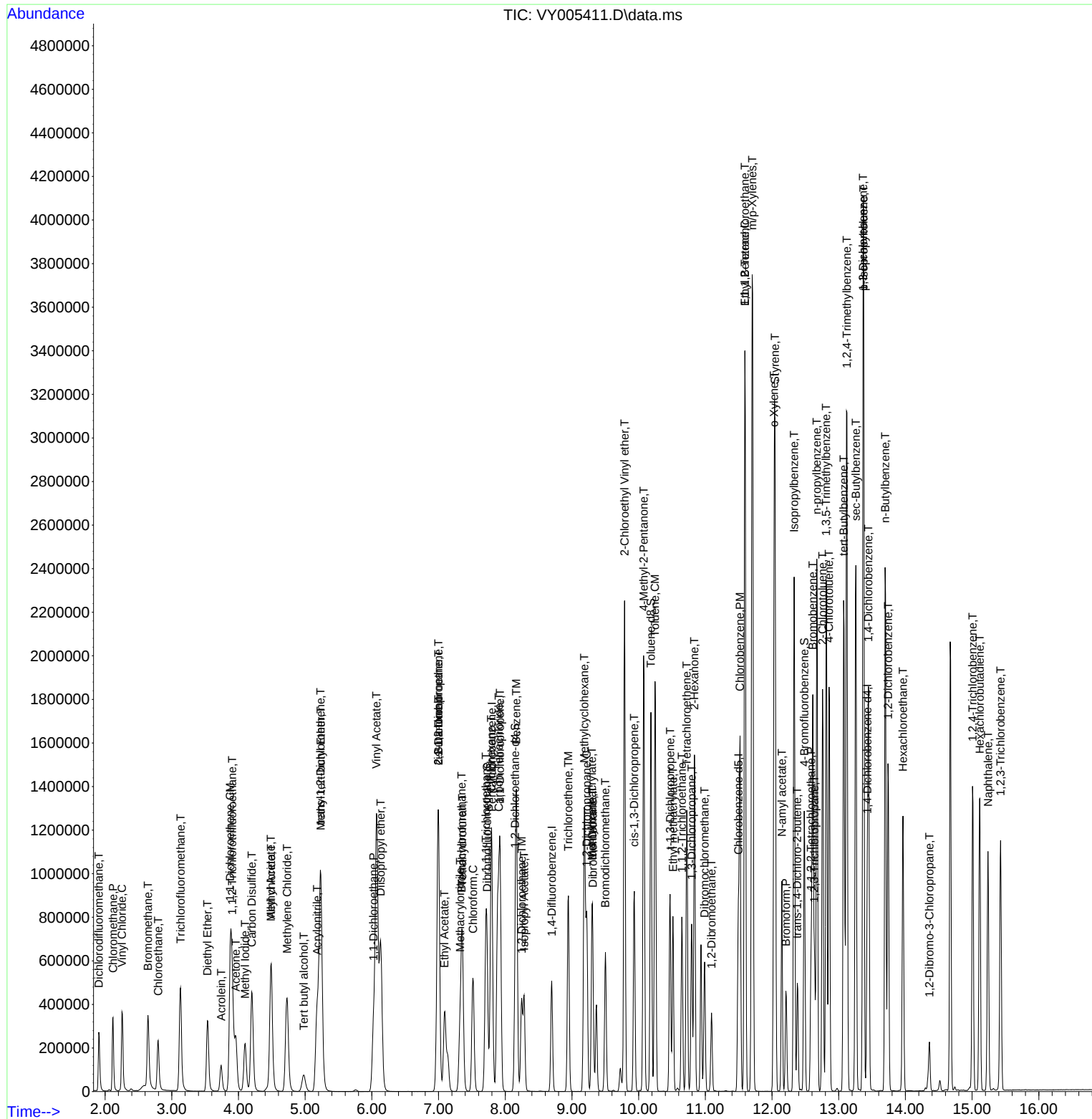
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Data File : VY005411.D  
Acq On : 22 Jul 2021 12:03  
Operator : SY/MD  
Sample : VSTDICC100  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 8 Sample Multiplier: 1

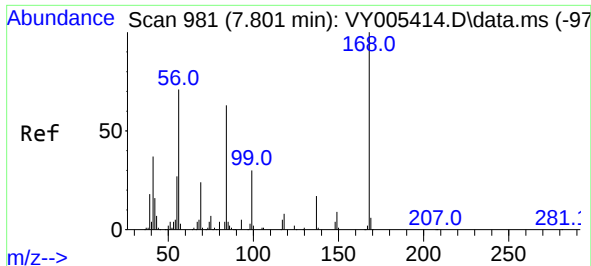
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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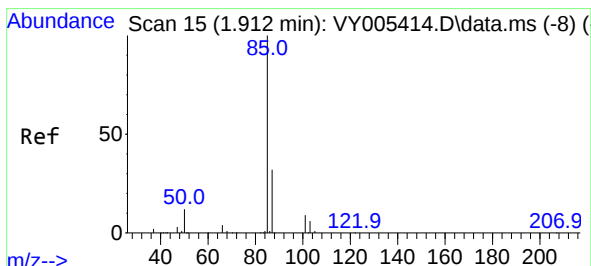
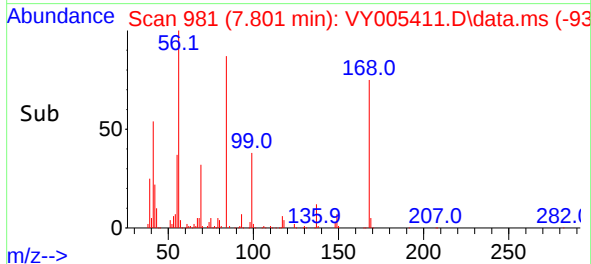
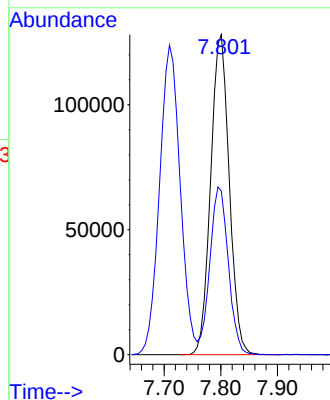
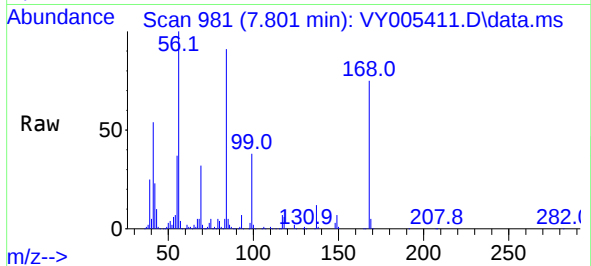
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 168 Resp: 291363  
Ion Ratio Lower Upper  
168 100  
99 51.2 39.8 59.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

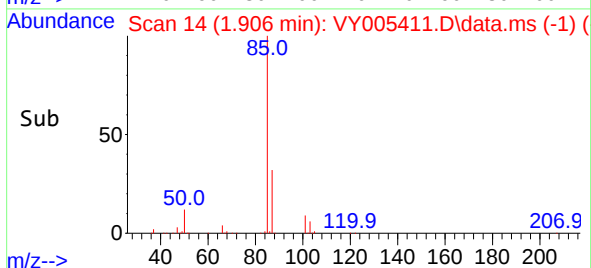
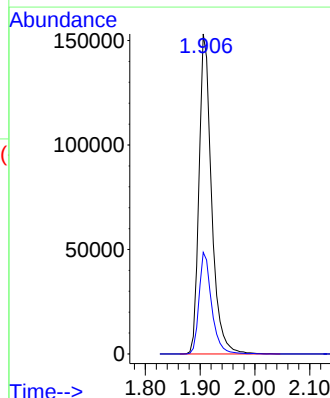
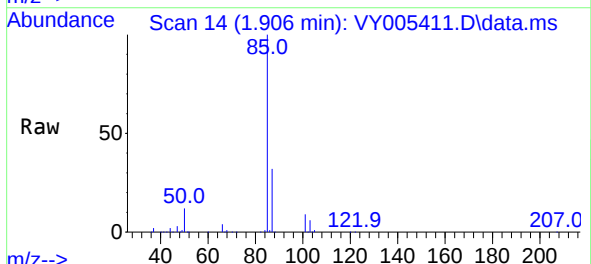
Manual Integrations  
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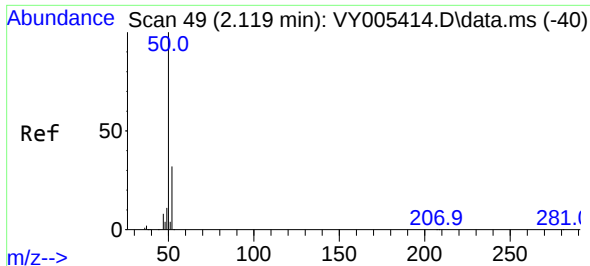
MMDadoda  
7/23/2021 5:47:52 PM



#2  
Dichlorodifluoromethane  
Concen: 92.470 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 85 Resp: 243904  
Ion Ratio Lower Upper  
85 100  
87 31.8 15.9 47.6





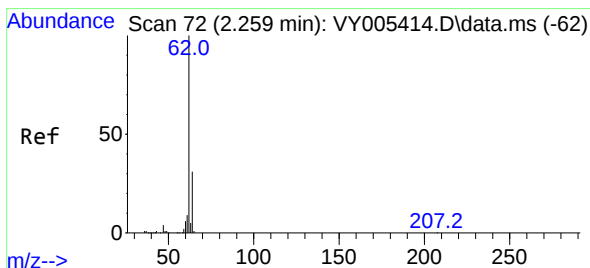
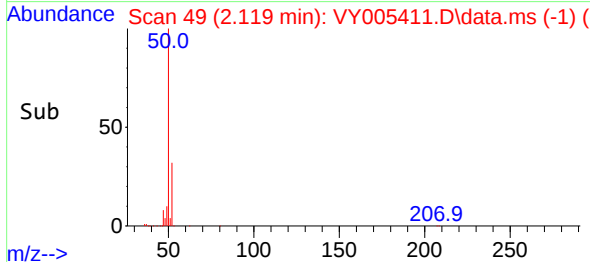
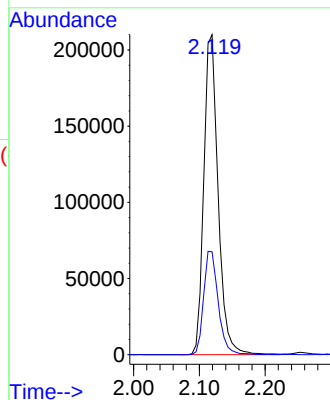
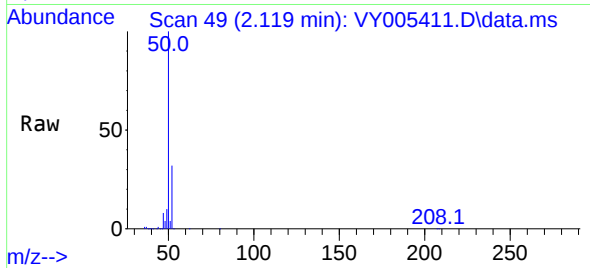
#3  
Chloromethane  
Concen: 98.421 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 50 Resp: 318232  
Ion Ratio Lower Upper  
50 100  
52 32.1 25.8 38.8

Instrument :  
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ClientSampleId :  
VSTDIC100

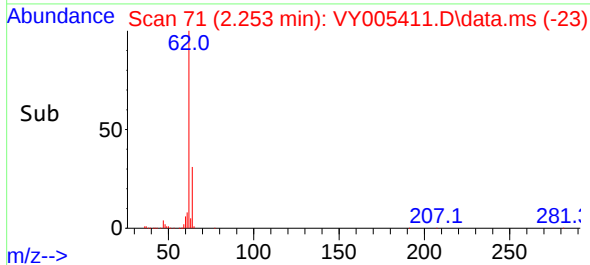
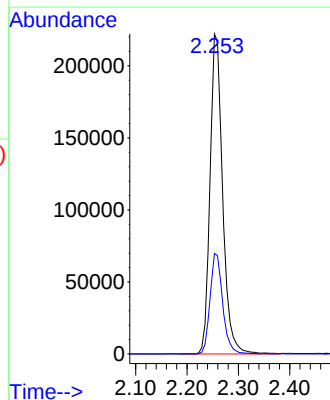
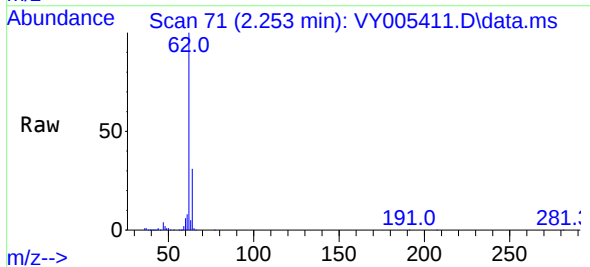
Manual Integrations  
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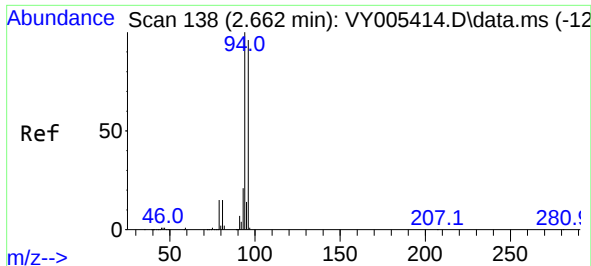
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7/23/2021 5:47:52 PM



#4  
Vinyl Chloride  
Concen: 98.286 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 62 Resp: 378423  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.1 37.7





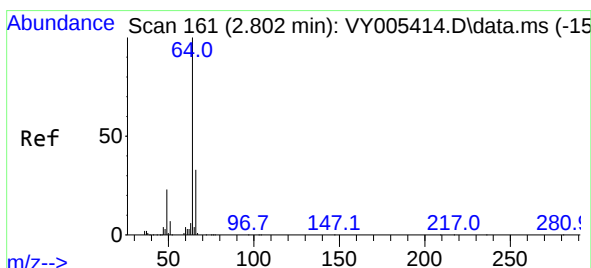
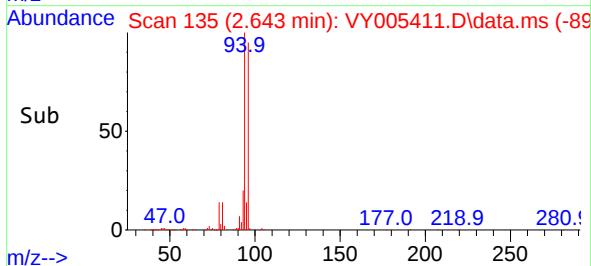
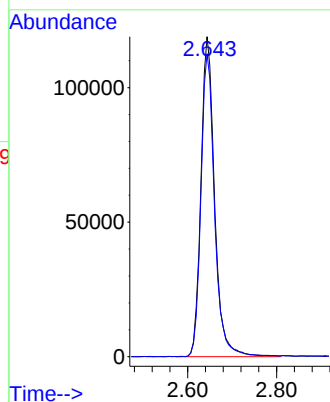
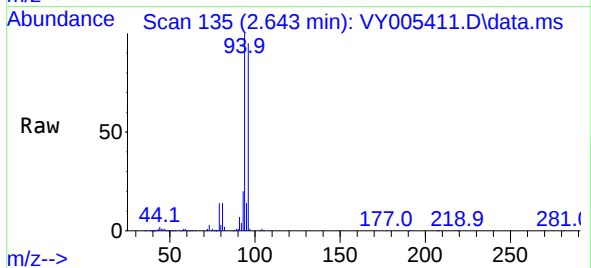
#5  
Bromomethane  
Concen: 90.652 ug/l  
RT: 2.643 min Scan# 135  
Delta R.T. -0.018 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 94 Resp: 255073  
Ion Ratio Lower Upper  
94 100  
96 94.6 76.6 115.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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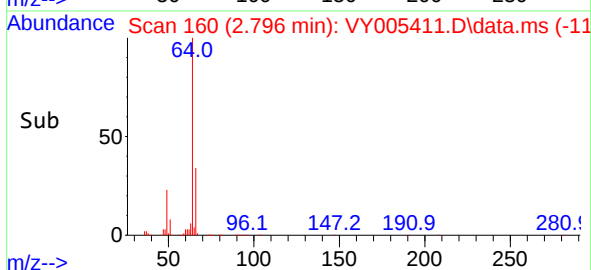
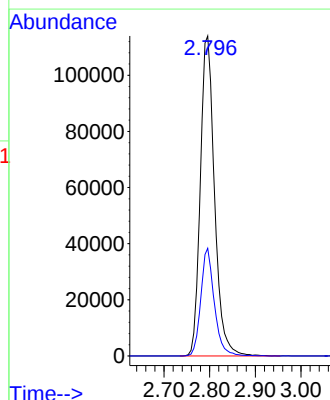
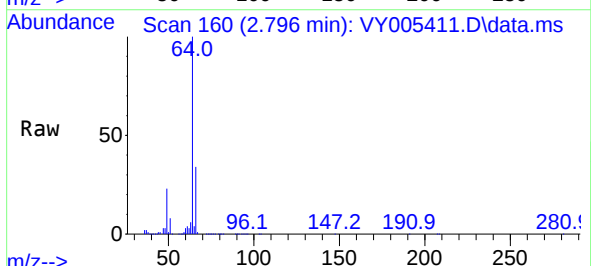
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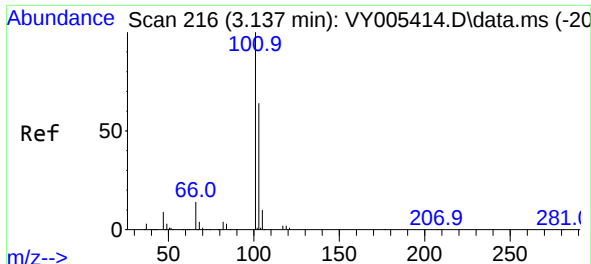
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7/23/2021 5:47:52 PM



#6  
Chloroethane  
Concen: 101.501 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 64 Resp: 245510  
Ion Ratio Lower Upper  
64 100  
66 33.7 26.2 39.4





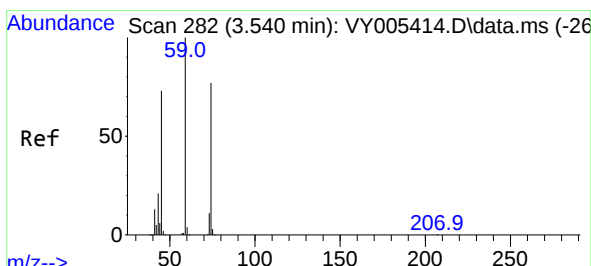
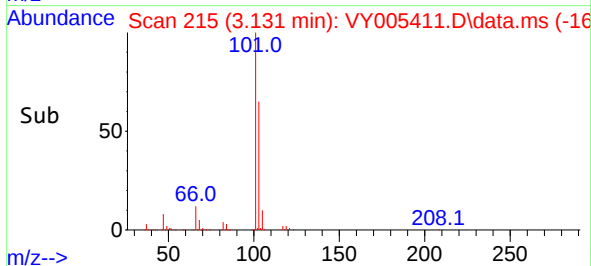
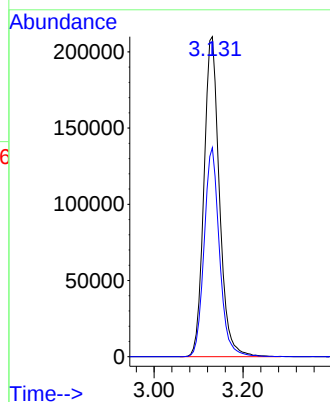
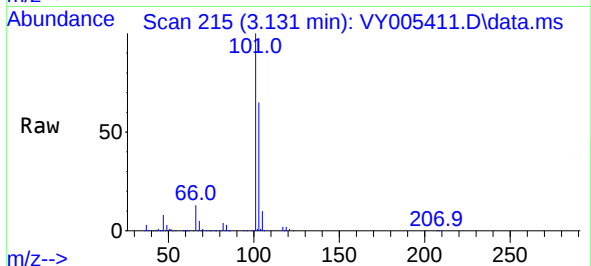
#7  
Trichlorofluoromethane  
Concen: 101.195 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion:101 Resp: 509507  
Ion Ratio Lower Upper  
101 100  
103 65.3 50.9 76.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

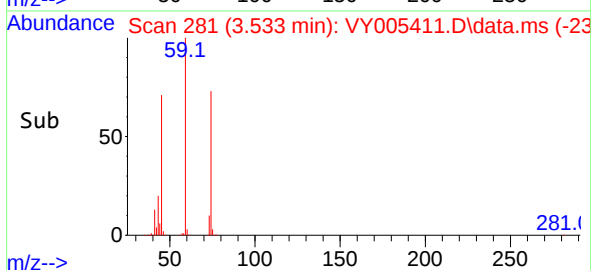
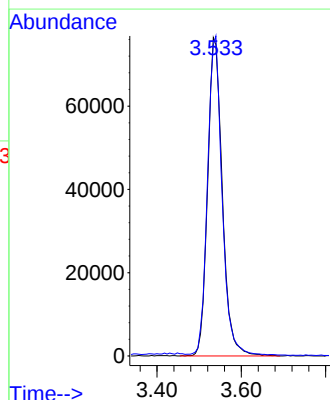
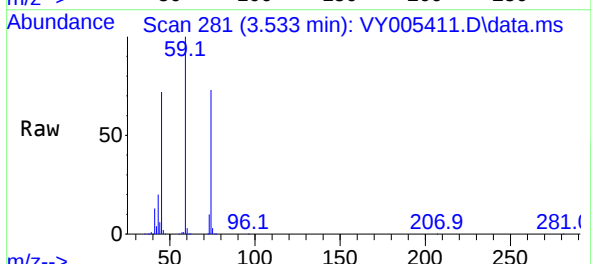
Manual Integrations  
APPROVED

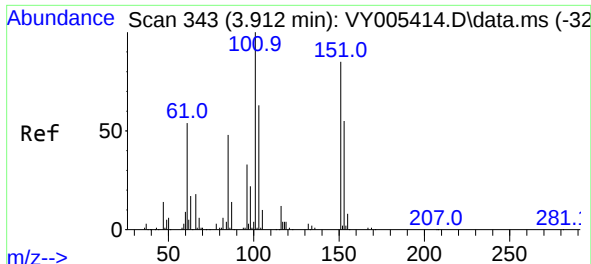
MMDadoda  
7/23/2021 5:47:52 PM



#8  
Diethyl Ether  
Concen: 104.339 ug/l  
RT: 3.533 min Scan# 281  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 74 Resp: 184937  
Ion Ratio Lower Upper  
74 100  
45 98.7 47.8 143.3





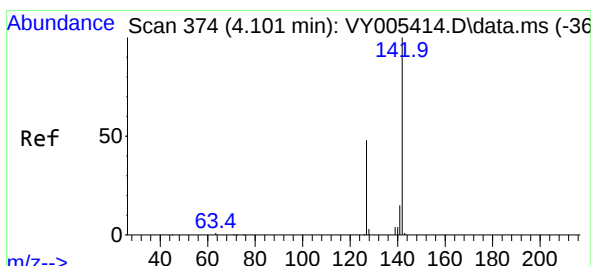
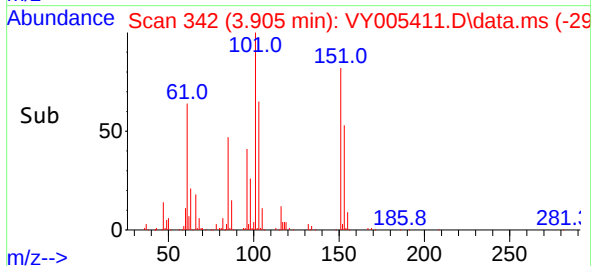
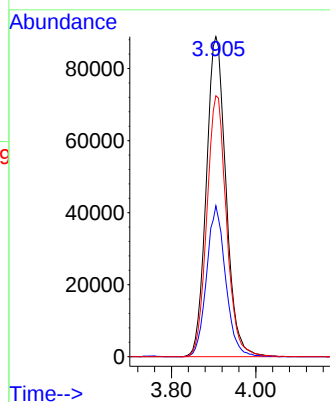
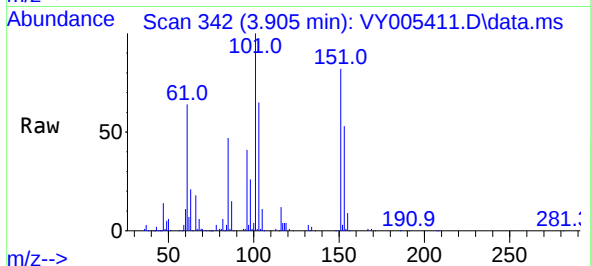
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 105.359 ug/l  
RT: 3.905 min Scan# 342  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion:101 Resp: 288307  
Ion Ratio Lower Upper  
101 100  
85 45.5 37.8 56.8  
151 81.4 67.2 100.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

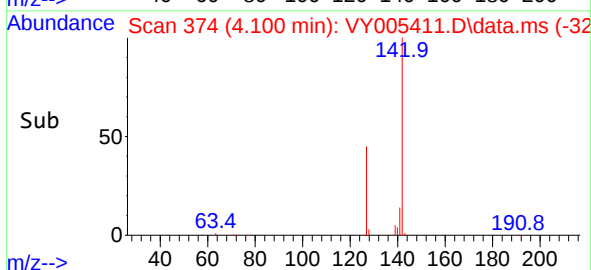
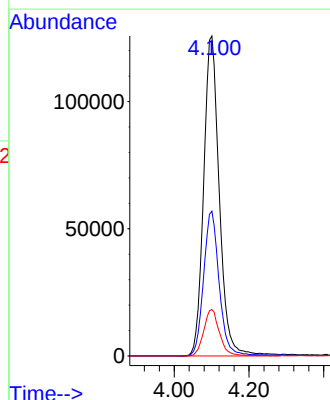
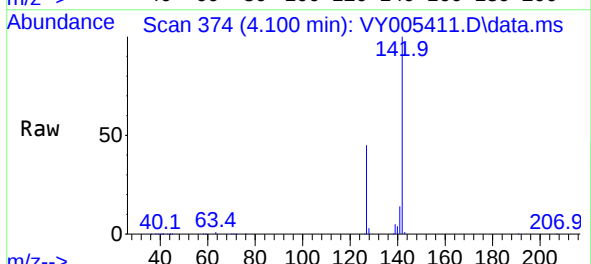
Manual Integrations  
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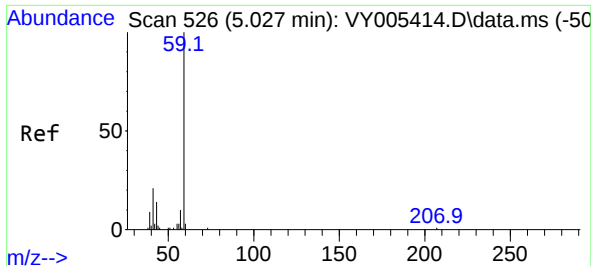
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#10  
Methyl Iodide  
Concen: 117.938 ug/l  
RT: 4.100 min Scan# 374  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion:142 Resp: 366268  
Ion Ratio Lower Upper  
142 100  
127 45.1 38.2 57.4  
141 14.6 12.0 18.0





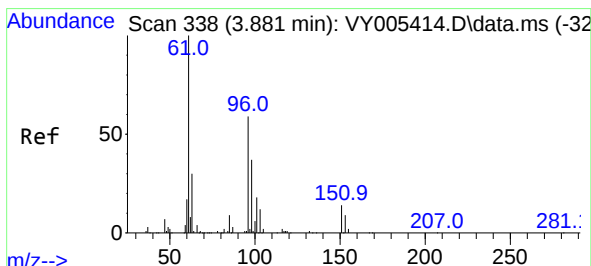
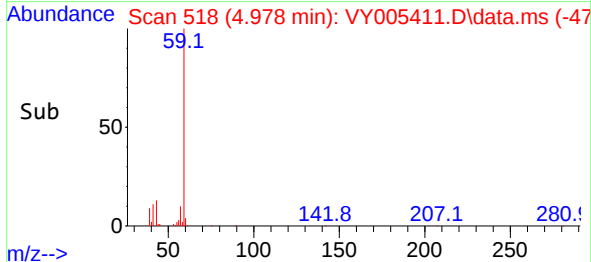
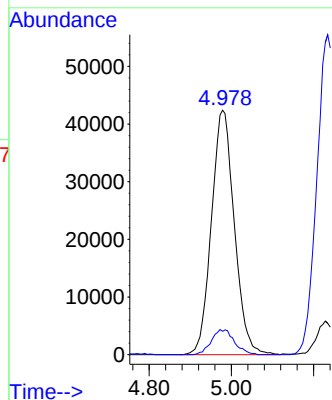
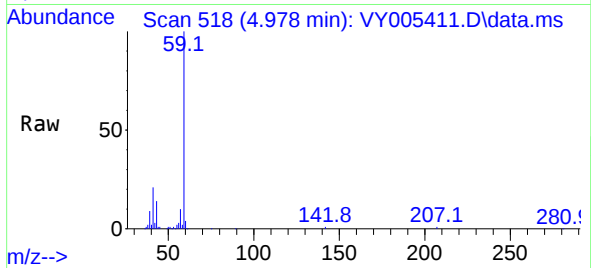
#11  
Tert butyl alcohol  
Concen: 557.783 ug/l  
RT: 4.978 min Scan# 518  
Delta R.T. -0.049 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 59 Resp: 164016  
Ion Ratio Lower Upper  
59 100  
57 10.3 4.7 7.1#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

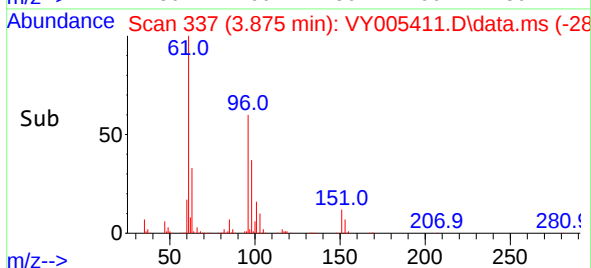
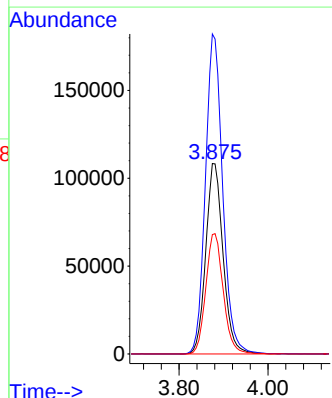
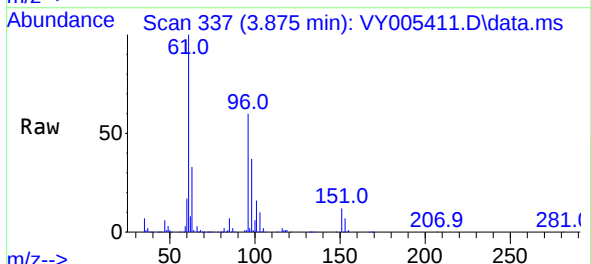
Manual Integrations  
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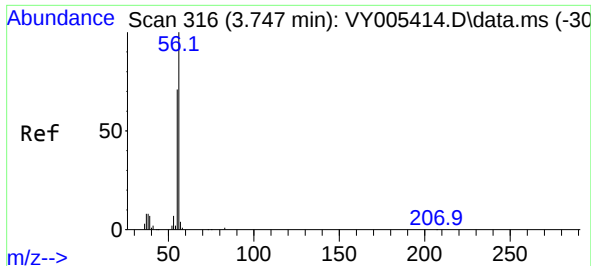
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#12  
1,1-Dichloroethene  
Concen: 105.676 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 96 Resp: 294375  
Ion Ratio Lower Upper  
96 100  
61 168.1 135.4 203.0  
98 62.7 50.2 75.4





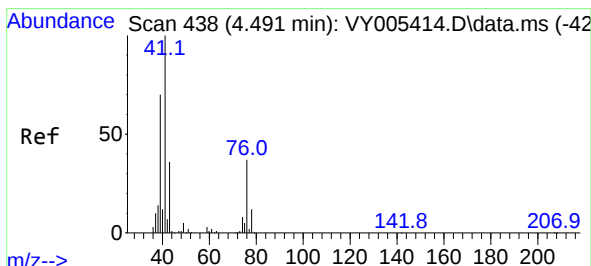
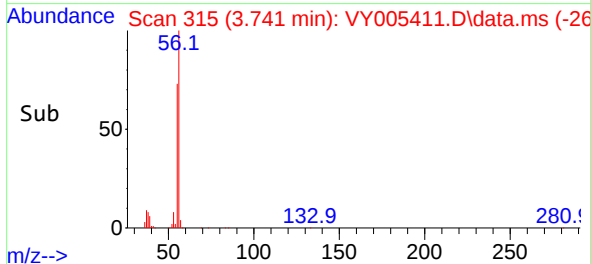
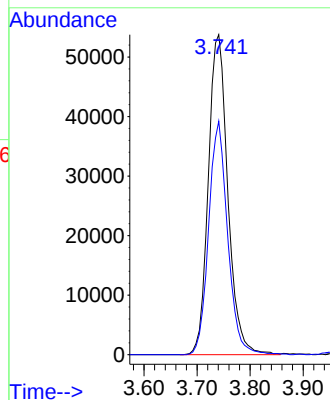
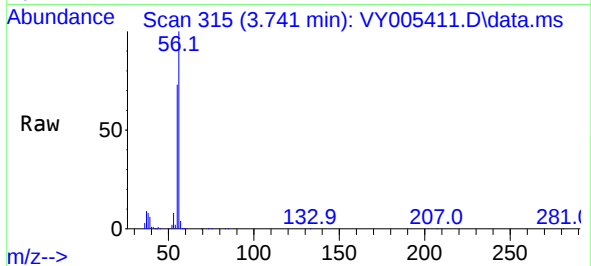
#13  
Acrolein  
Concen: 510.601 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 56 Resp: 137488  
Ion Ratio Lower Upper  
56 100  
55 71.1 55.2 82.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

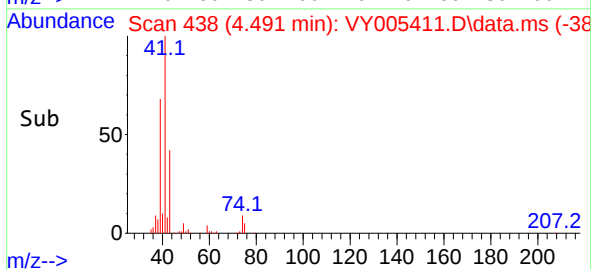
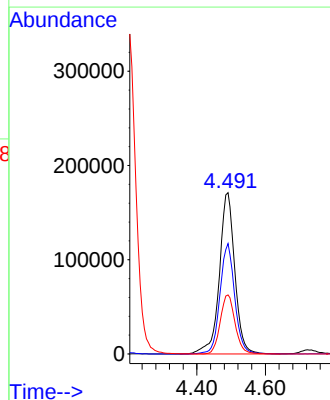
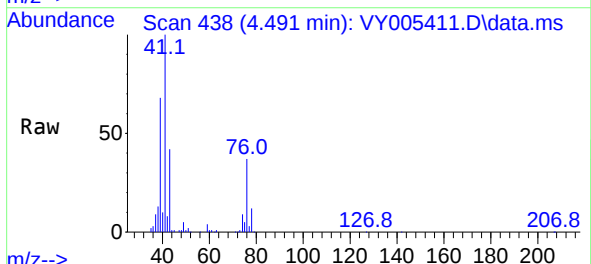
Manual Integrations  
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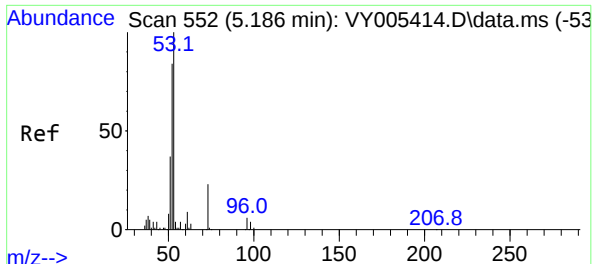
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#14  
Allyl chloride  
Concen: 107.086 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 41 Resp: 533837  
Ion Ratio Lower Upper  
41 100  
39 65.4 54.6 82.0  
76 35.2 29.2 43.8





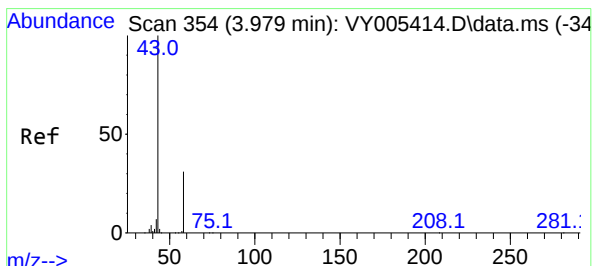
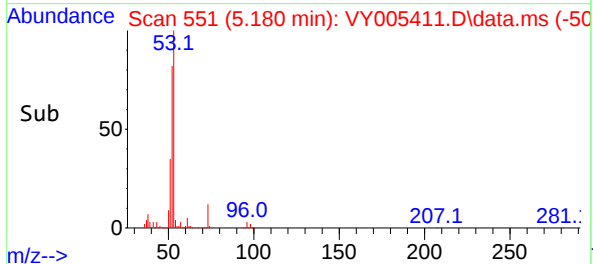
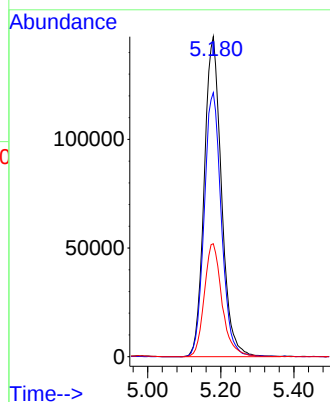
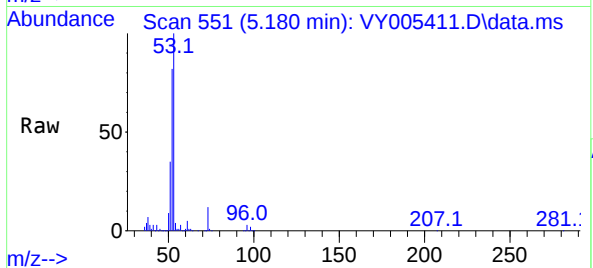
#15  
Acrylonitrile  
Concen: 546.671 ug/l  
RT: 5.180 min Scan# 551  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 53 Resp: 481188  
Ion Ratio Lower Upper  
53 100  
52 82.3 65.8 98.6  
51 36.4 29.1 43.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

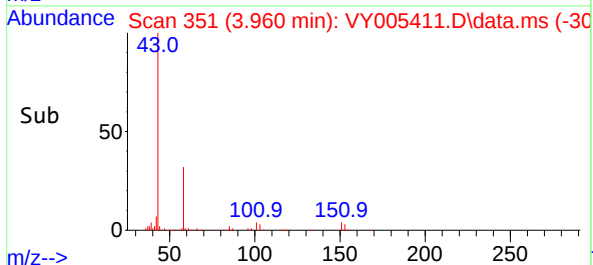
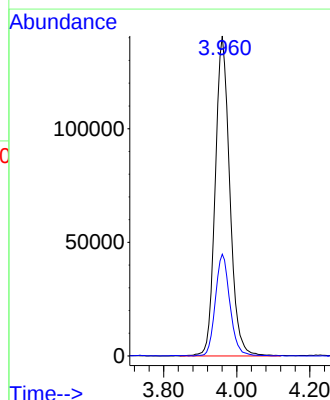
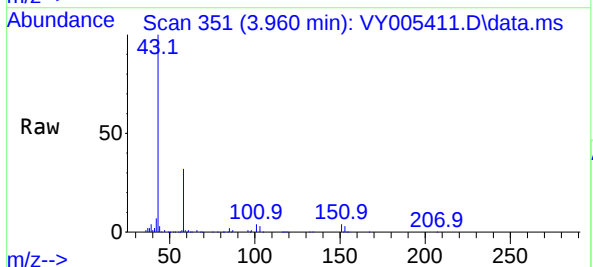
Manual Integrations  
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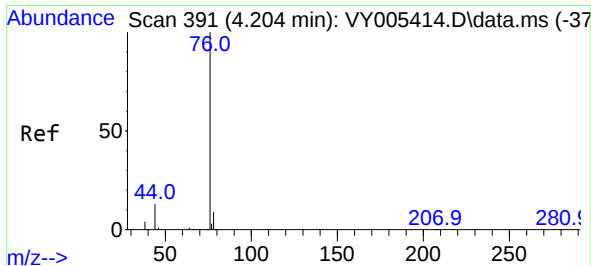
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#16  
Acetone  
Concen: 547.046 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.018 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 43 Resp: 388872  
Ion Ratio Lower Upper  
43 100  
58 31.7 24.5 36.7





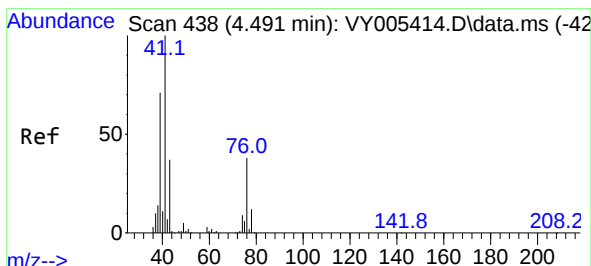
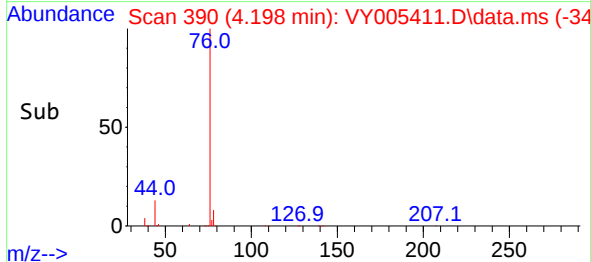
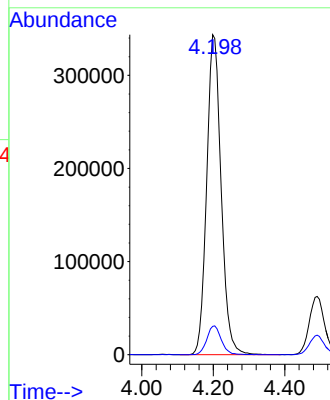
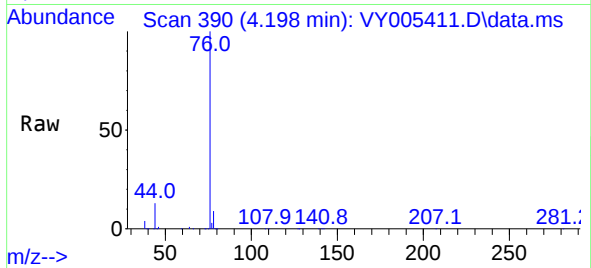
#17  
Carbon Disulfide  
Concen: 104.453 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 76 Resp: 962163  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.3 10.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

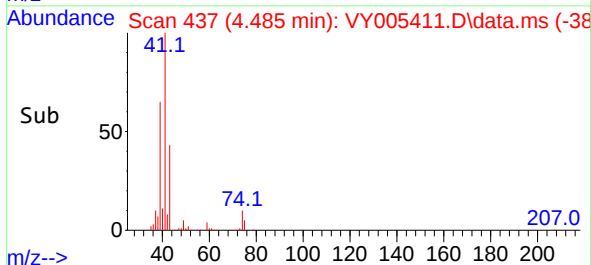
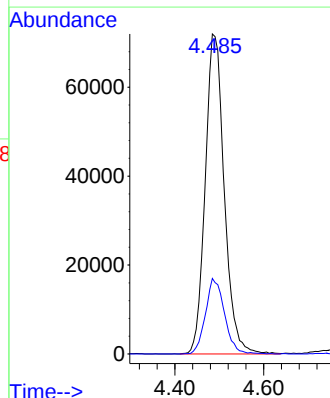
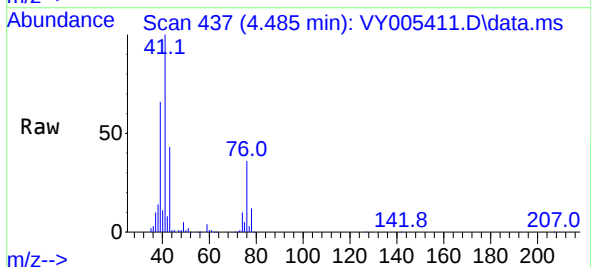
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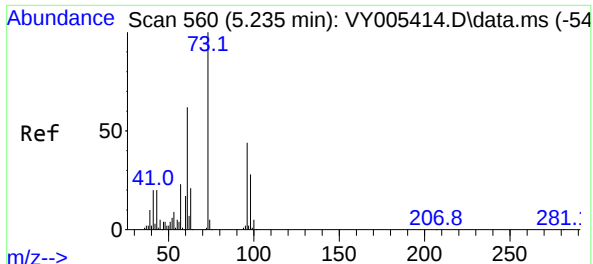
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#18  
Methyl Acetate  
Concen: 107.496 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 43 Resp: 214788  
Ion Ratio Lower Upper  
43 100  
74 23.6 19.2 28.8





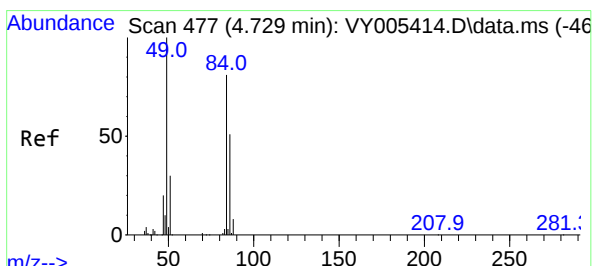
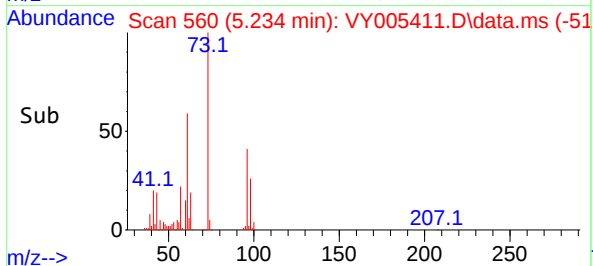
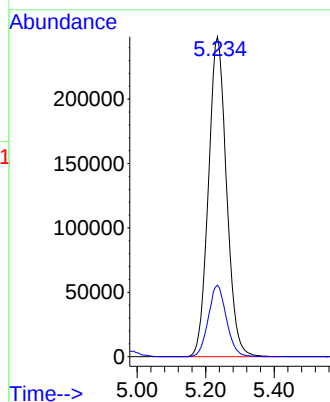
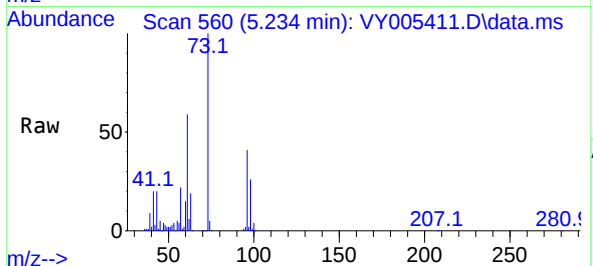
#19  
Methyl tert-butyl Ether  
Concen: 108.232 ug/l  
RT: 5.234 min Scan# 560  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 73 Resp: 909711  
Ion Ratio Lower Upper  
73 100  
57 22.3 18.3 27.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

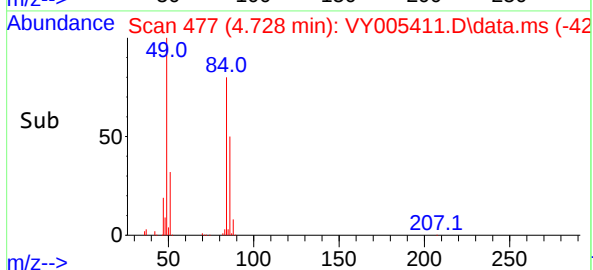
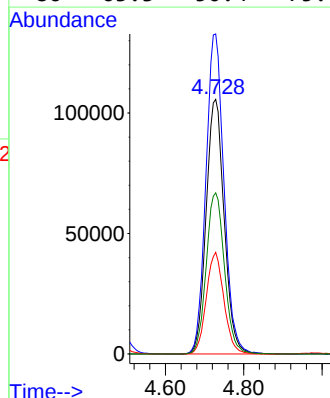
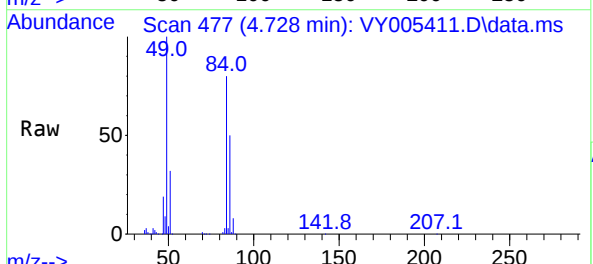
Manual Integrations  
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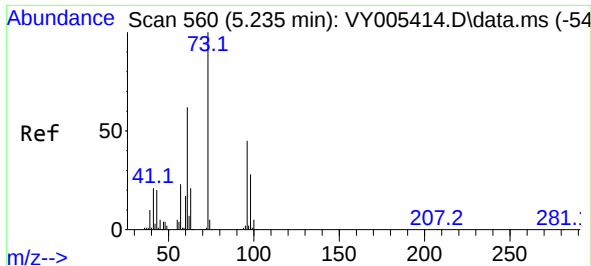
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#20  
Methylene Chloride  
Concen: 81.882 ug/l  
RT: 4.728 min Scan# 477  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 84 Resp: 337251  
Ion Ratio Lower Upper  
84 100  
49 125.7 98.9 148.3  
51 39.9 30.0 45.0  
86 63.3 50.4 75.6





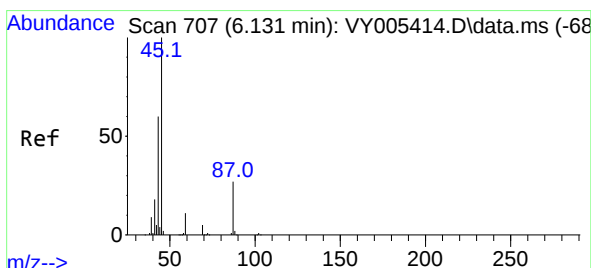
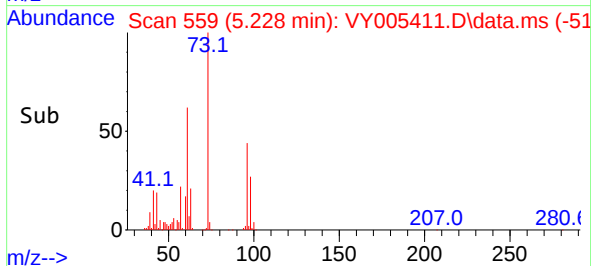
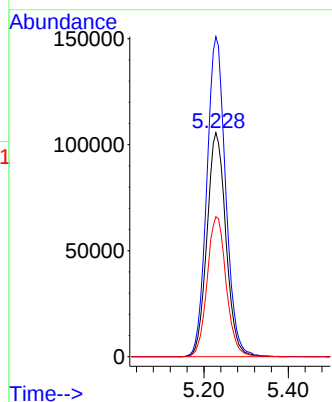
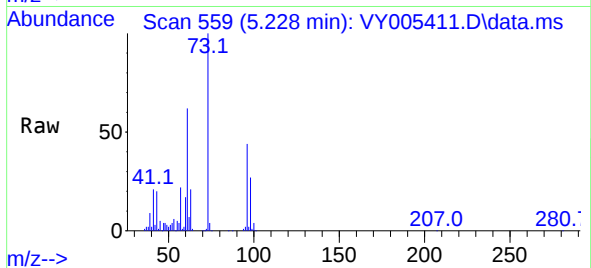
#21  
trans-1,2-Dichloroethene  
Concen: 105.430 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 96 Resp: 329949  
Ion Ratio Lower Upper  
96 100  
61 142.8 110.7 166.1  
98 62.5 50.1 75.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

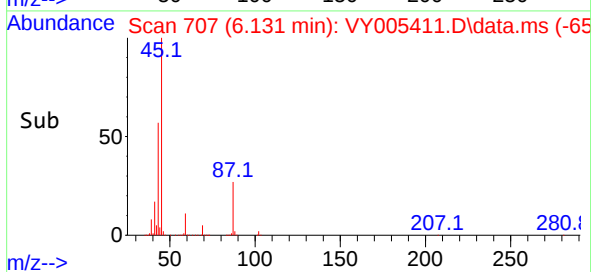
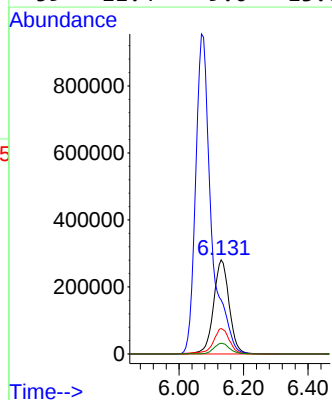
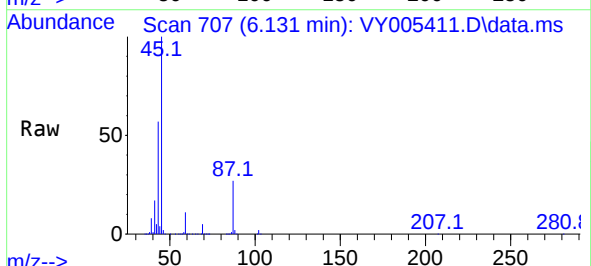
Manual Integrations  
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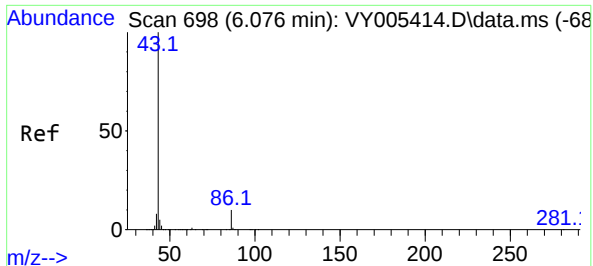
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#22  
Diisopropyl ether  
Concen: 97.197 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 45 Resp: 940440  
Ion Ratio Lower Upper  
45 100  
43 57.3 48.3 72.5  
87 27.0 21.9 32.9  
59 11.4 9.0 13.6





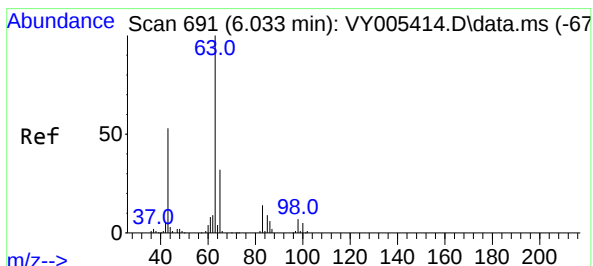
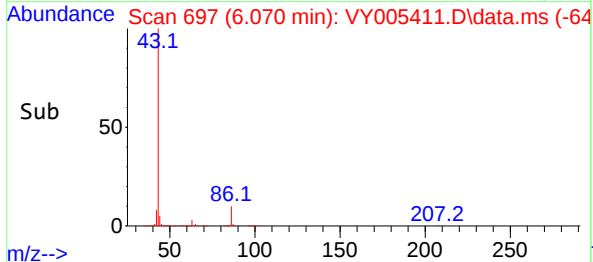
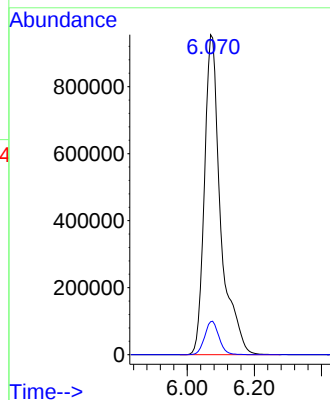
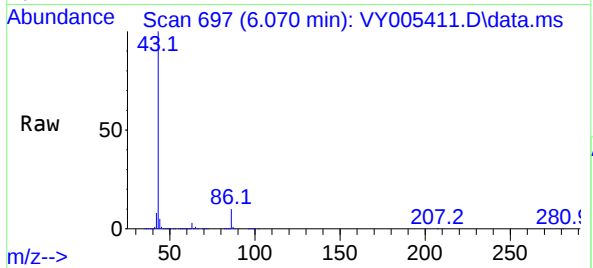
#23  
 Vinyl Acetate  
 Concen: 502.218 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. -0.006 min  
 Lab File: VY005411.D  
 Acq: 22 Jul 2021 12:03

Tgt Ion: 43 Resp: 3196214  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 8.3 12.5

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

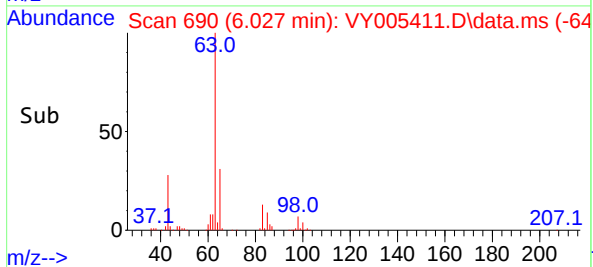
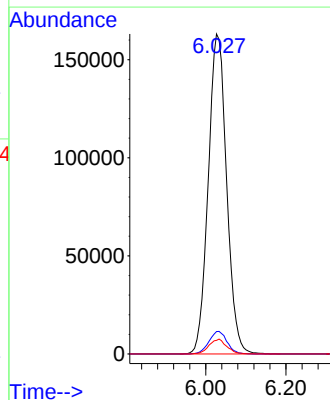
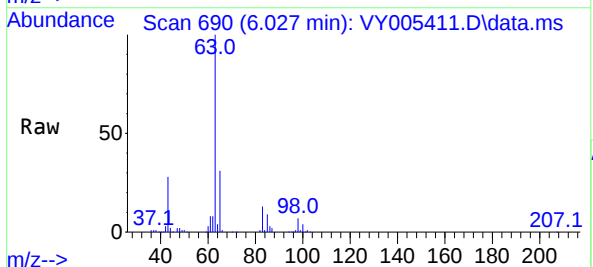
Manual Integrations  
 APPROVED

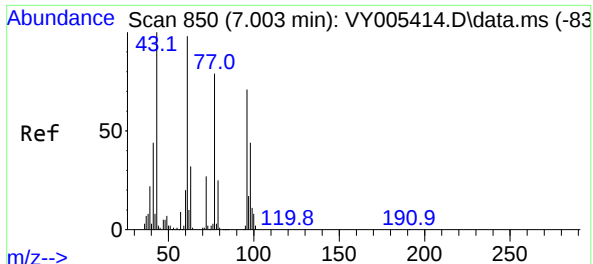
MMDadoda  
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#24  
 1,1-Dichloroethane  
 Concen: 97.334 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. -0.006 min  
 Lab File: VY005411.D  
 Acq: 22 Jul 2021 12:03

Tgt Ion: 63 Resp: 519107  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.6 10.9  
 100 4.3 2.3 6.9





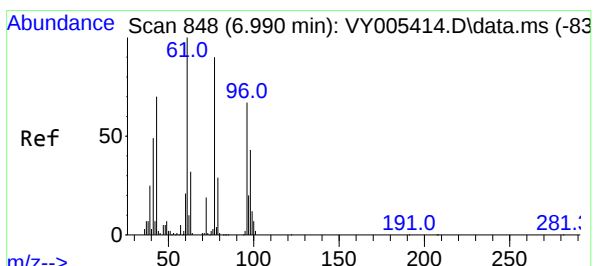
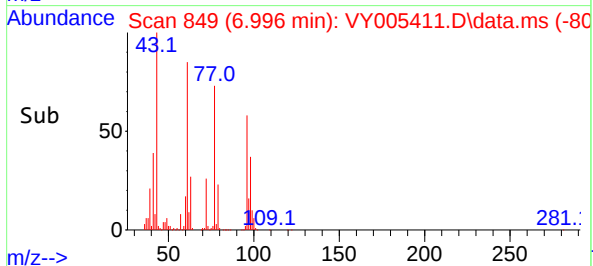
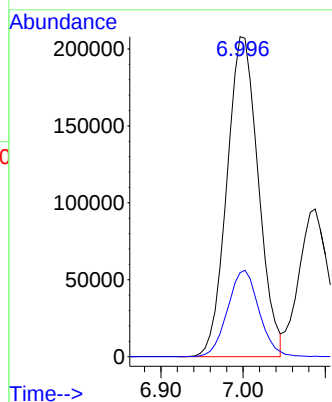
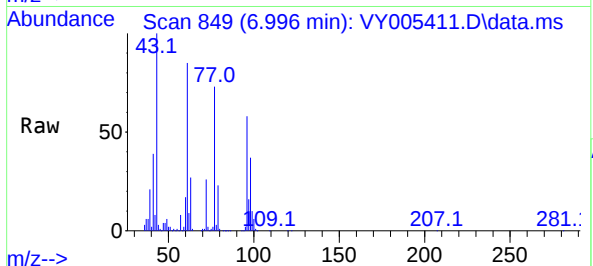
#25  
2-Butanone  
Concen: 519.780 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 43 Resp: 553322  
Ion Ratio Lower Upper  
43 100  
72 26.3 21.9 32.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

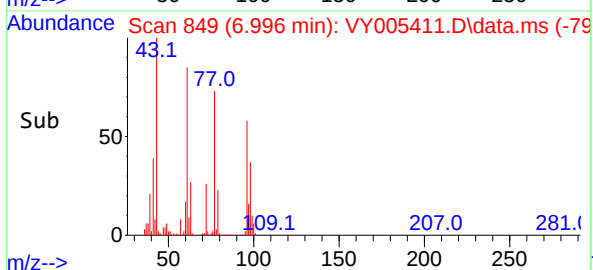
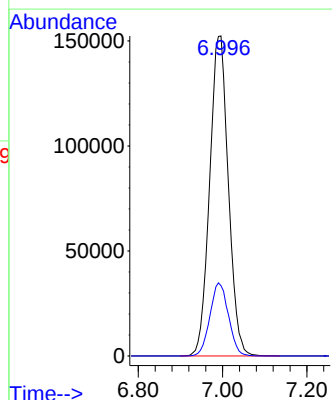
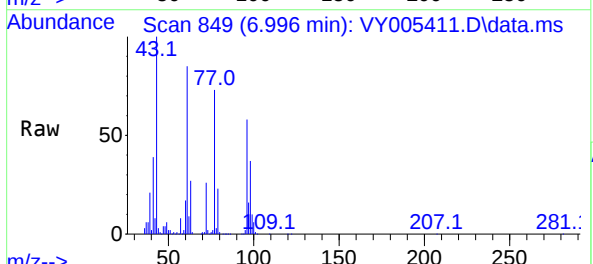
Manual Integrations  
APPROVED

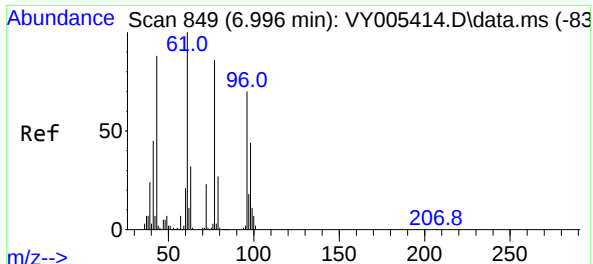
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#26  
2,2-Dichloropropane  
Concen: 96.726 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 77 Resp: 469090  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.1 33.3





#27  
cis-1,2-Dichloroethene  
Concen: 98.000 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

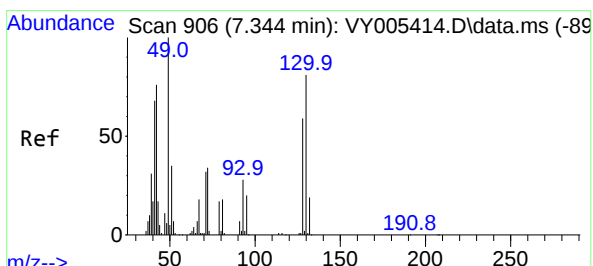
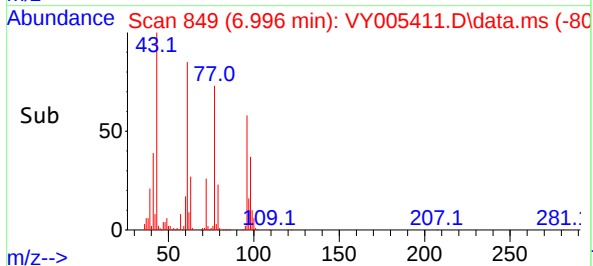
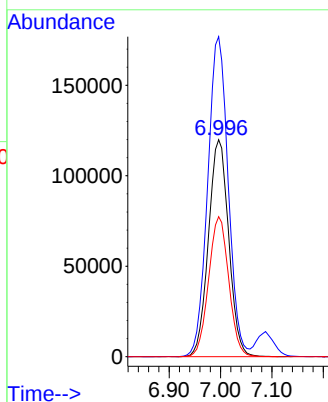
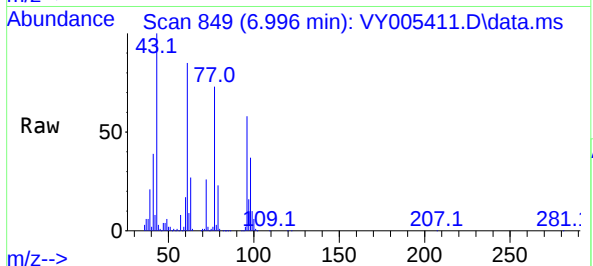
Tgt Ion: 96 Resp: 328079

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 149.5 | 0.0   | 296.6 |
| 98  | 64.2  | 0.0   | 127.8 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

Manual Integrations  
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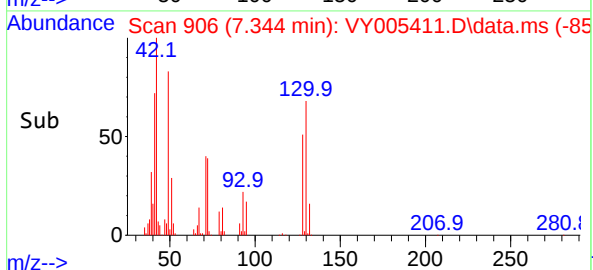
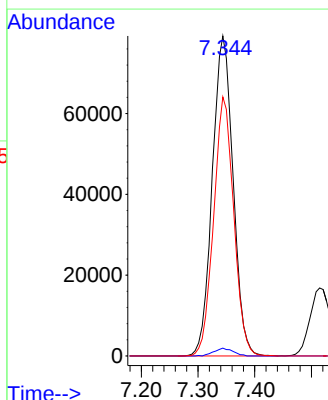
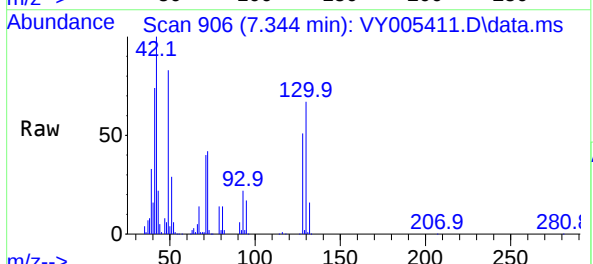
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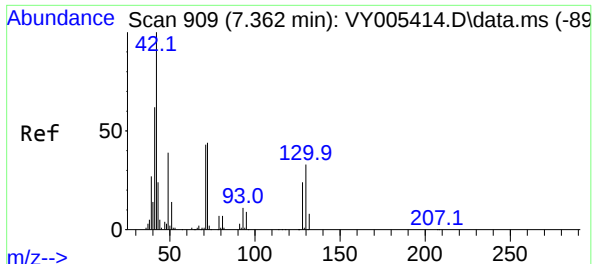


#28  
Bromochloromethane  
Concen: 93.736 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 49 Resp: 201248

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.2   | 0.0   | 3.4   |
| 130 | 78.4  | 62.6  | 94.0  |





#29  
Tetrahydrofuran  
Concen: 529.056 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

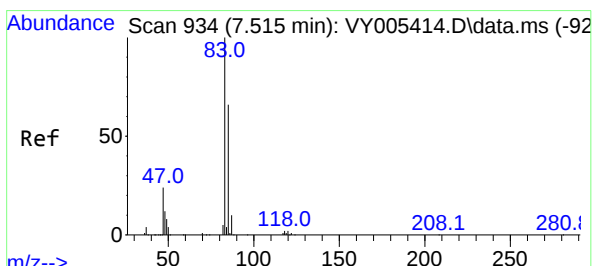
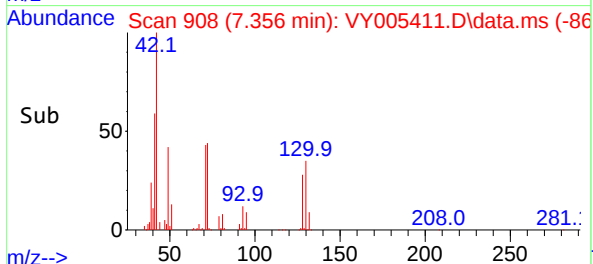
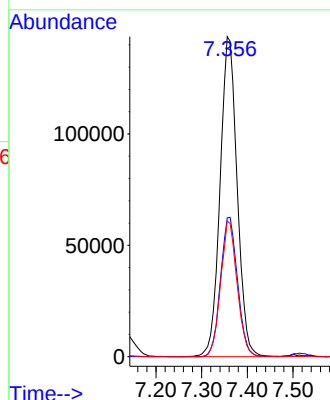
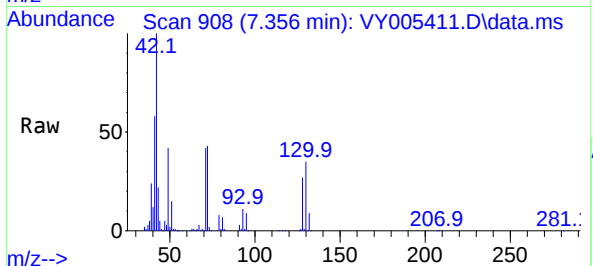
Tgt Ion: 42 Resp: 372963

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 43.3  | 35.3  | 52.9  |
| 71  | 40.8  | 33.4  | 50.2  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

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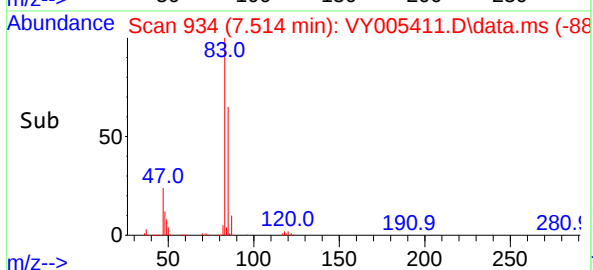
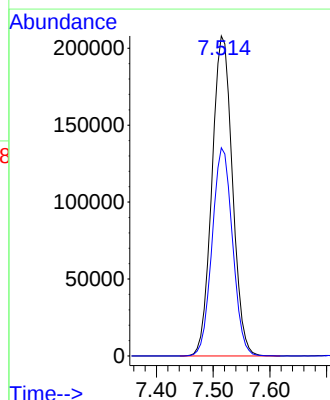
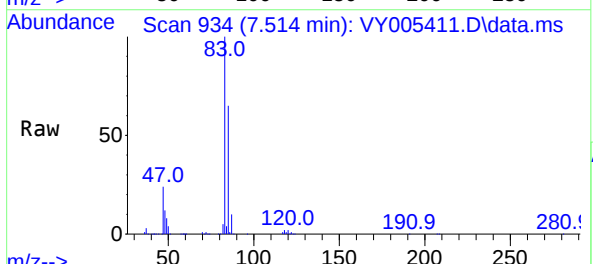
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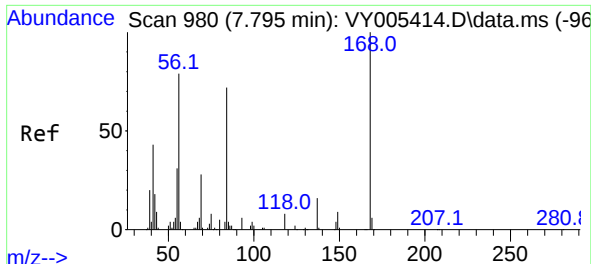


#30  
Chloroform  
Concen: 98.923 ug/l  
RT: 7.514 min Scan# 934  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 83 Resp: 521936

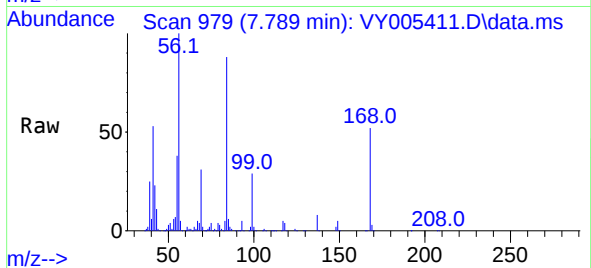
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.0  | 52.8  | 79.2  |





#31  
Cyclohexane  
Concen: 96.298 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

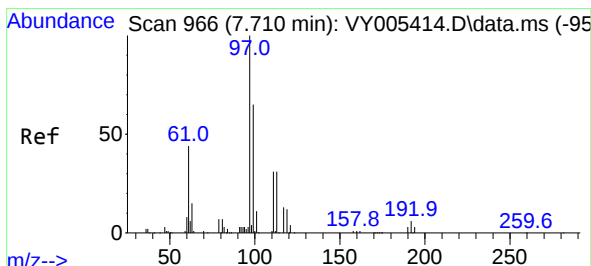
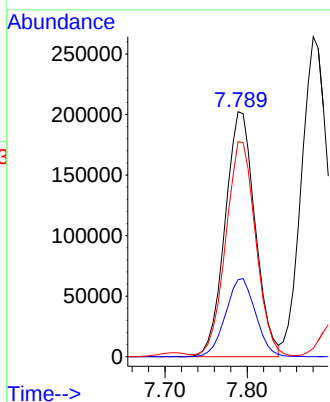
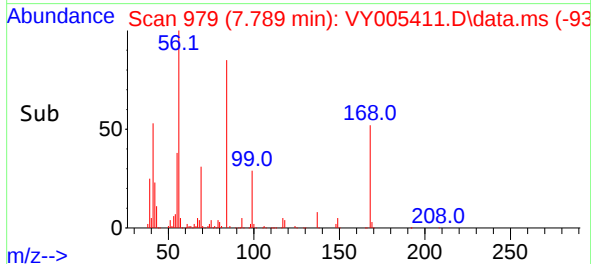
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



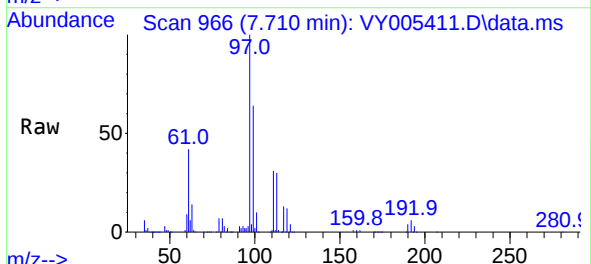
Tgt Ion: 56 Resp: 511820  
Ion Ratio Lower Upper  
56 100  
69 31.4 28.7 43.1  
84 86.2 73.0 109.6

Manual Integrations  
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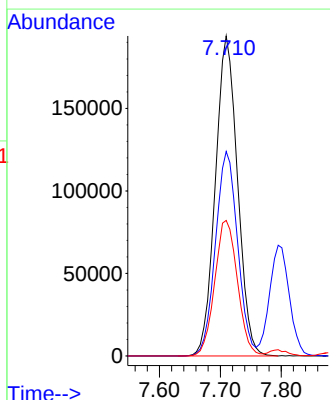
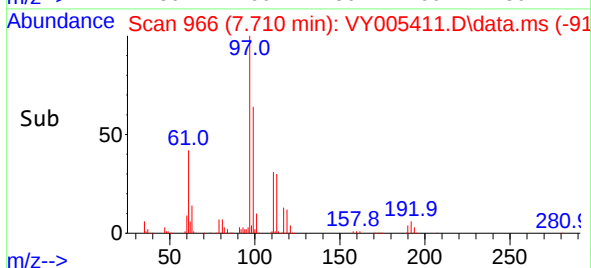
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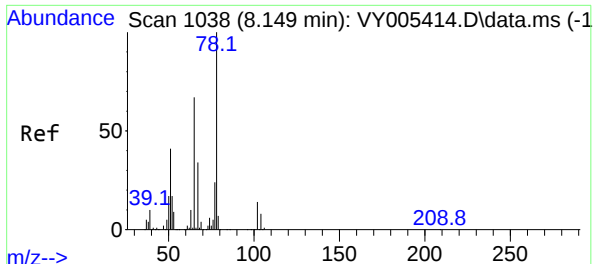


#32  
1,1,1-Trichloroethane  
Concen: 100.294 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03



Tgt Ion: 97 Resp: 489926  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.8 77.8  
61 43.6 34.7 52.1





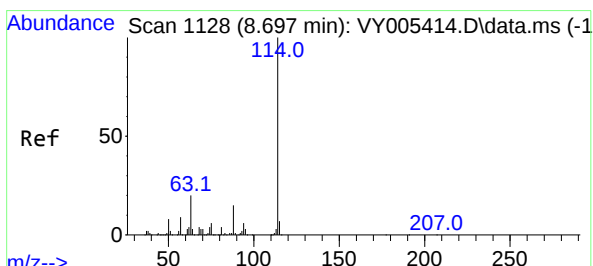
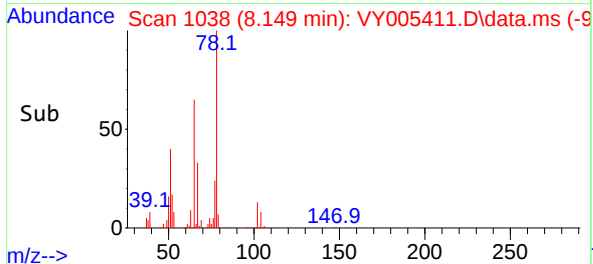
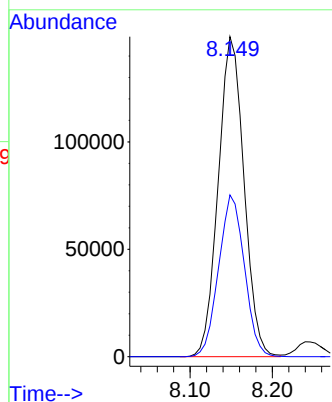
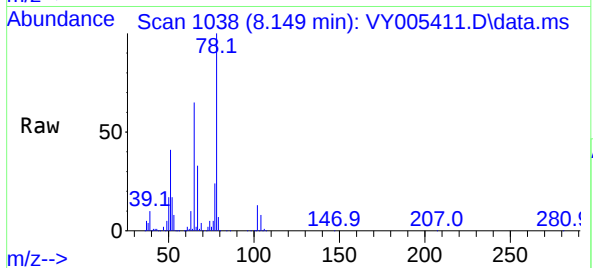
#33  
1,2-Dichloroethane-d4  
Concen: 104.092 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 65 Resp: 324010  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 102.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

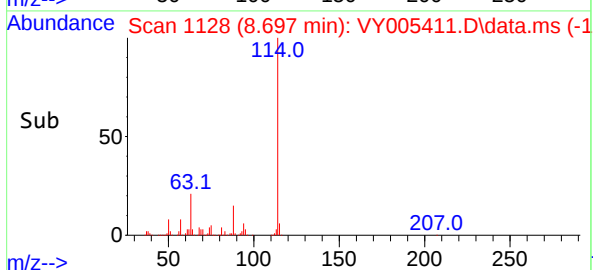
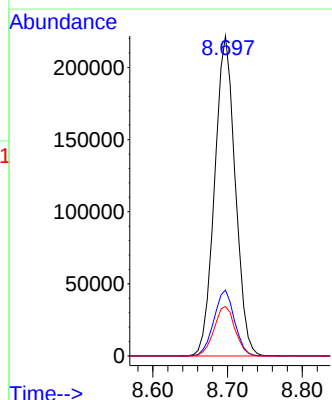
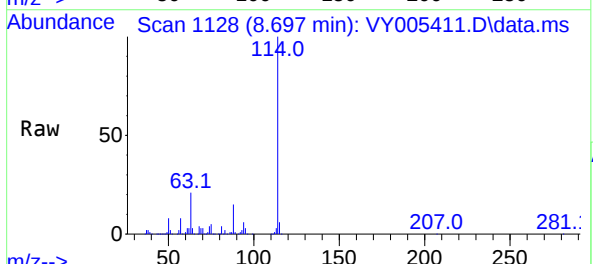
Manual Integrations  
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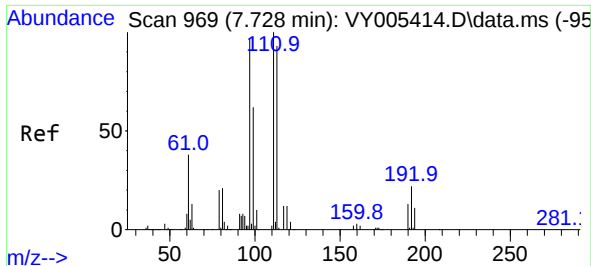
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#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

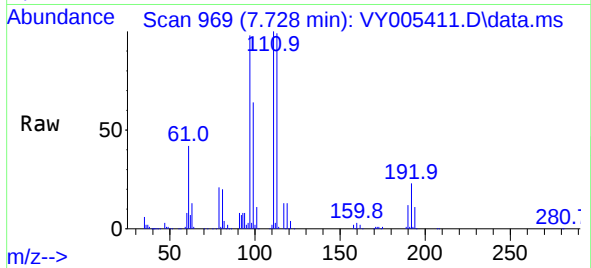
Tgt Ion: 114 Resp: 423579  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 39.0  
88 15.4 0.0 30.8





#35  
Dibromofluoromethane  
Concen: 105.152 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

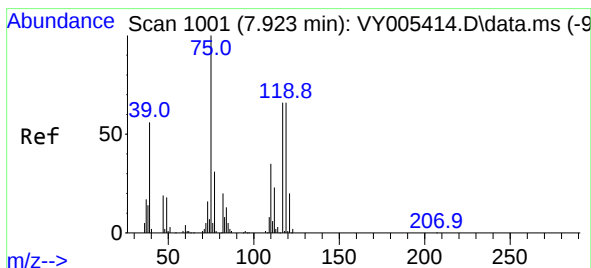
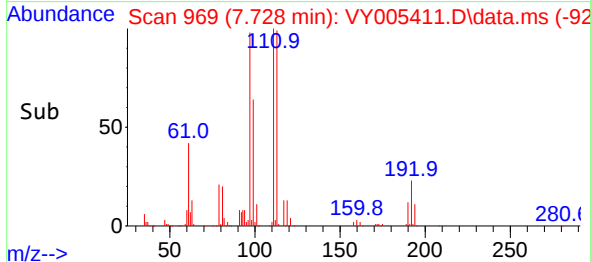
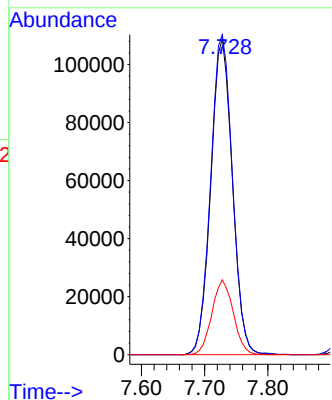
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



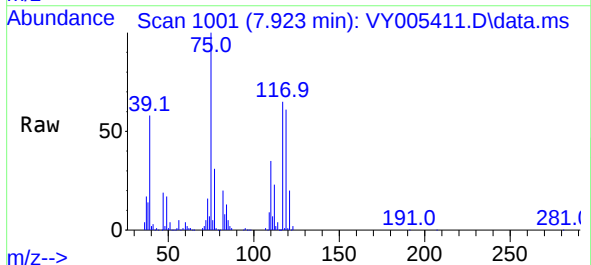
Tgt Ion:113 Resp: 257178  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.6 124.0  
192 23.5 18.9 28.3

Manual Integrations  
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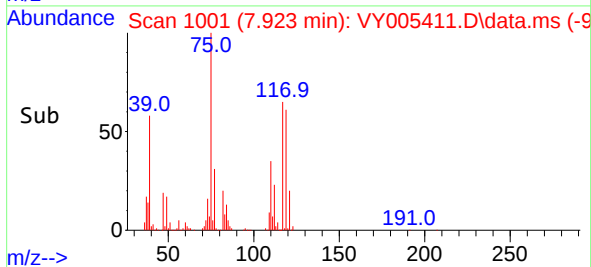
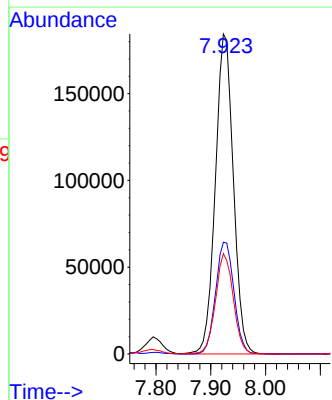
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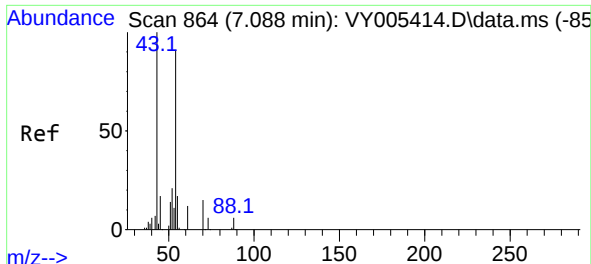


#36  
1,1-Dichloropropene  
Concen: 102.748 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03



Tgt Ion: 75 Resp: 420815  
Ion Ratio Lower Upper  
75 100  
110 35.6 17.6 52.9  
77 31.1 24.6 37.0





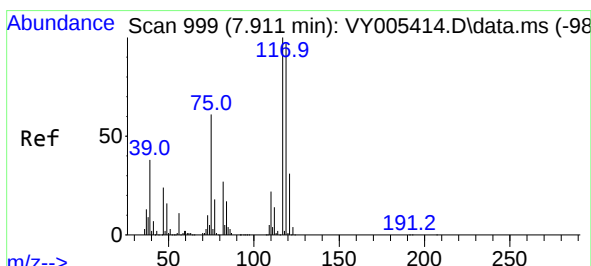
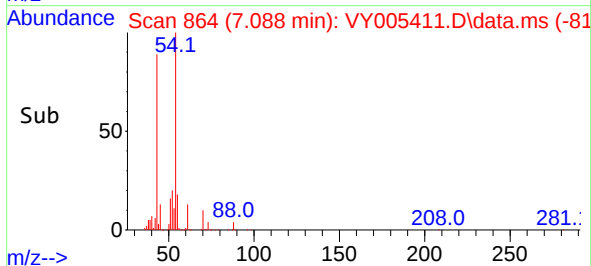
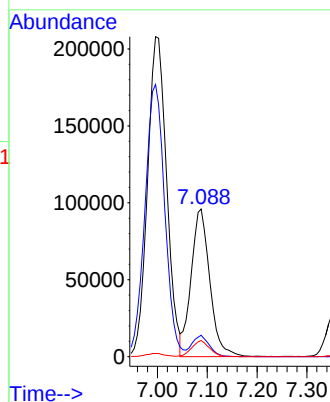
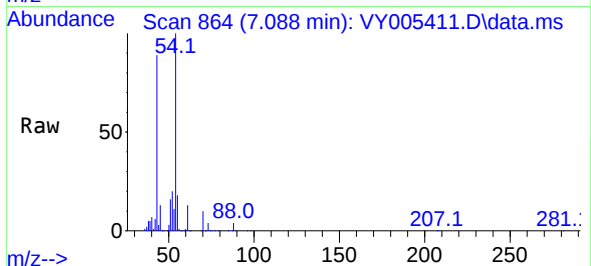
#37  
Ethyl Acetate  
Concen: 100.333 ug/l  
RT: 7.088 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 250142 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 13.1  | 10.3  | 15.5   |
| 70       | 10.4  | 7.9   | 11.9   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

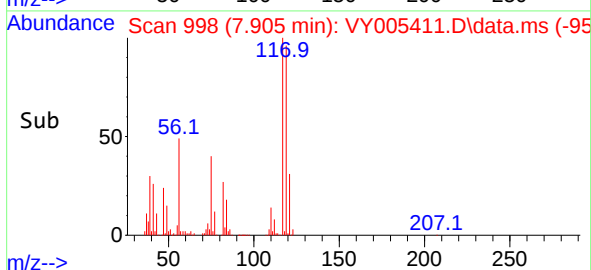
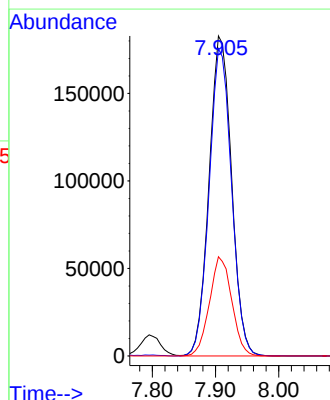
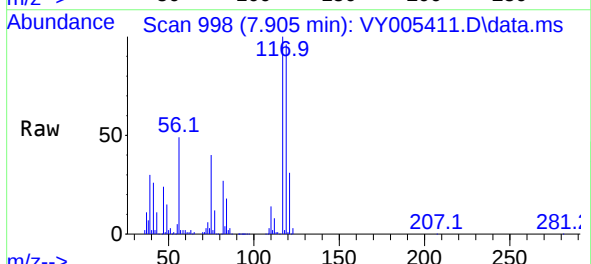
Manual Integrations  
APPROVED

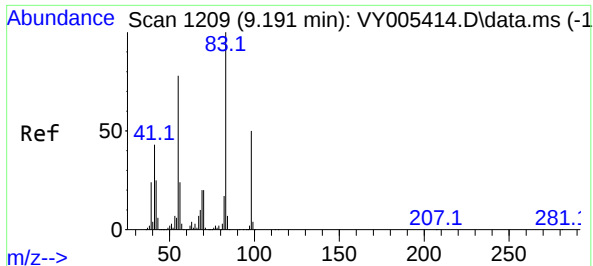
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#38  
Carbon Tetrachloride  
Concen: 100.904 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

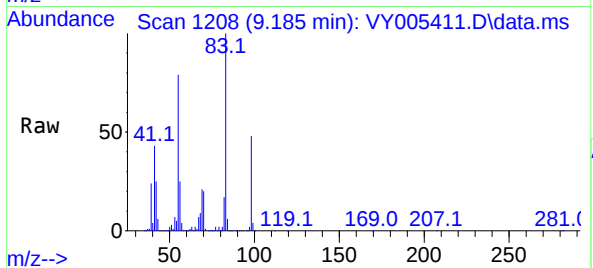
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 451596 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.0  | 77.2  | 115.8  |
| 121      | 31.0  | 25.1  | 37.7   |





#39  
Methylcyclohexane  
Concen: 104.164 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

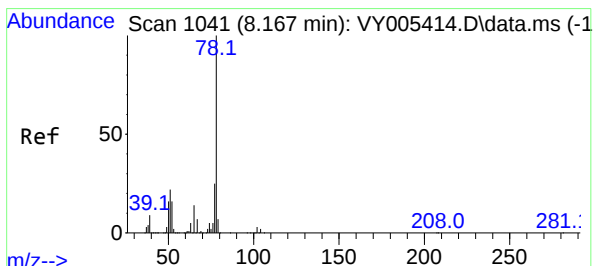
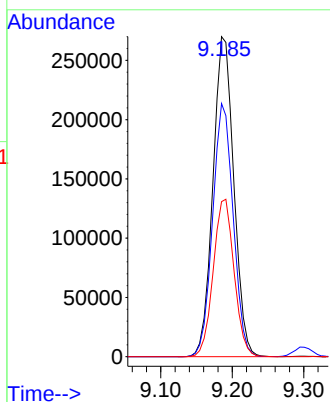
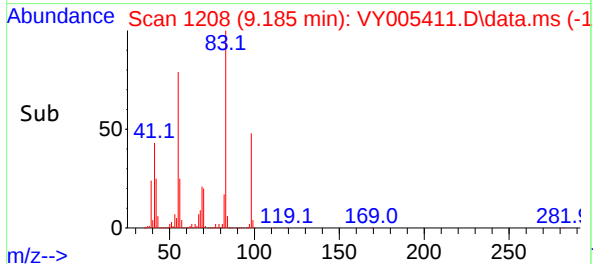
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



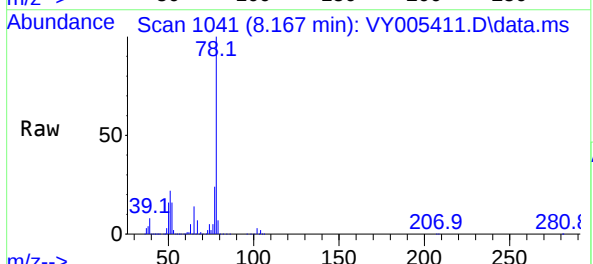
Tgt Ion: 83 Resp: 547046  
Ion Ratio Lower Upper  
83 100  
55 79.1 62.5 93.7  
98 48.5 39.8 59.6

Manual Integrations  
APPROVED

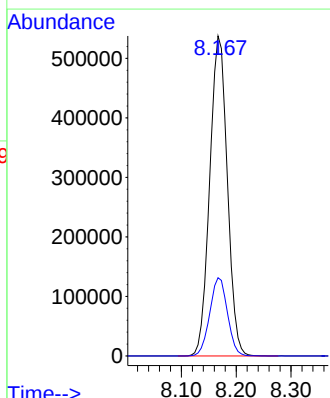
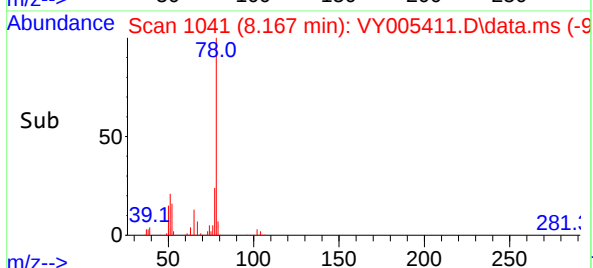
MMDadoda  
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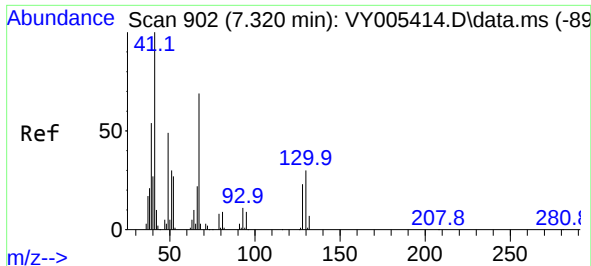


#40  
Benzene  
Concen: 101.583 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03



Tgt Ion: 78 Resp: 1195606  
Ion Ratio Lower Upper  
78 100  
77 24.4 20.0 30.0





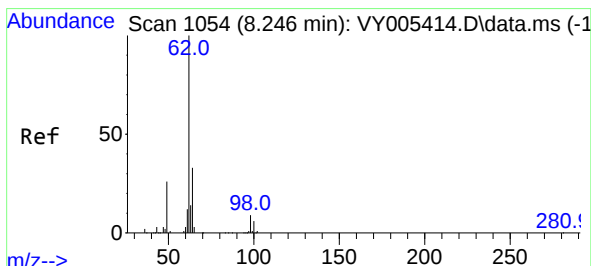
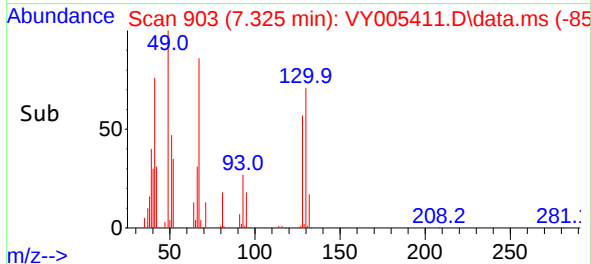
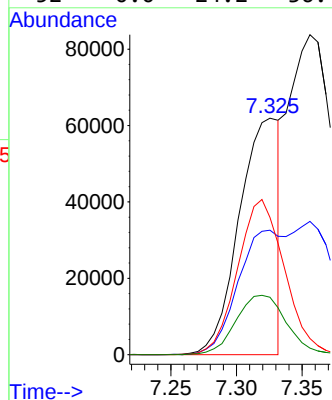
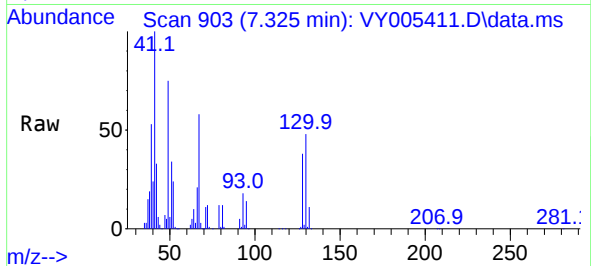
#41  
Methacrylonitrile  
Concen: 79.416 ug/l m  
RT: 7.325 min Scan# 903  
Delta R.T. 0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 41 Resp: 132251  
Ion Ratio Lower Upper  
41 100  
39 0.0 47.0 70.4#  
67 0.0 57.3 85.9#  
52 0.0 24.2 36.4#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

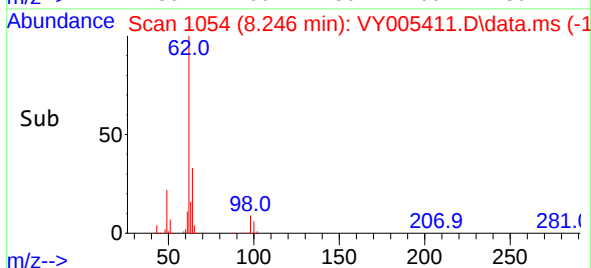
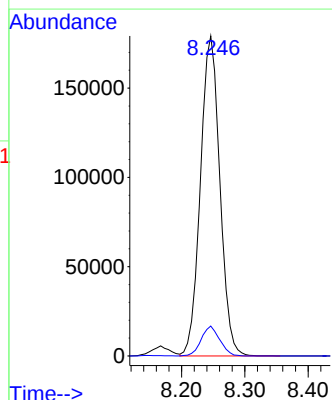
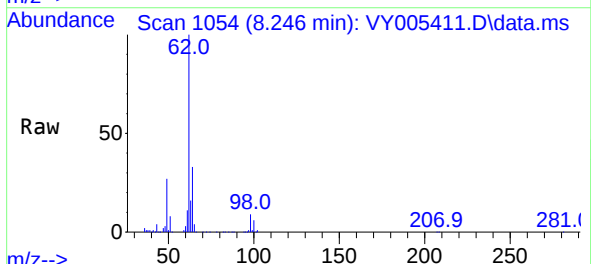
Manual Integrations  
APPROVED

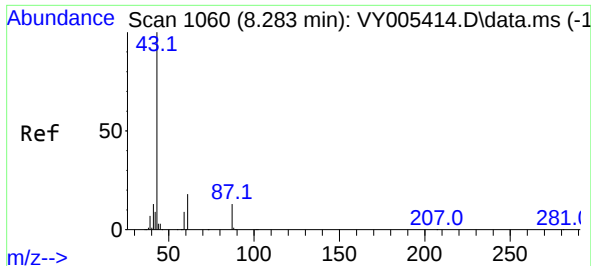
MMDadoda  
7/23/2021 5:47:52 PM



#42  
1,2-Dichloroethane  
Concen: 100.681 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 62 Resp: 383333  
Ion Ratio Lower Upper  
62 100  
98 8.9 0.0 18.0





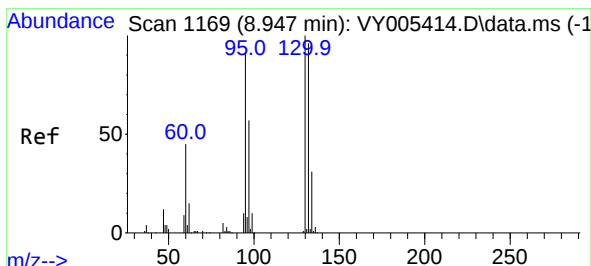
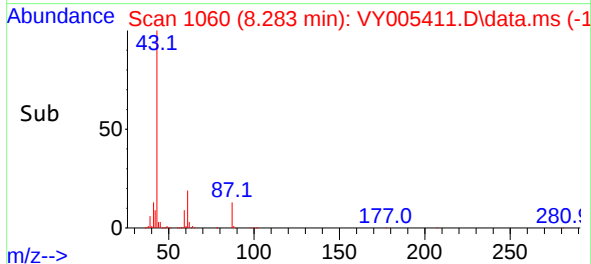
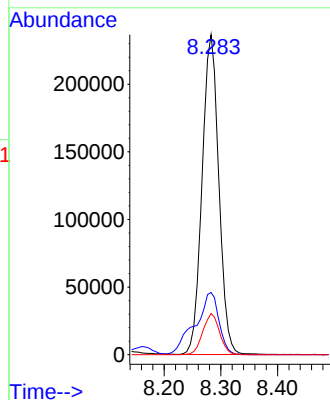
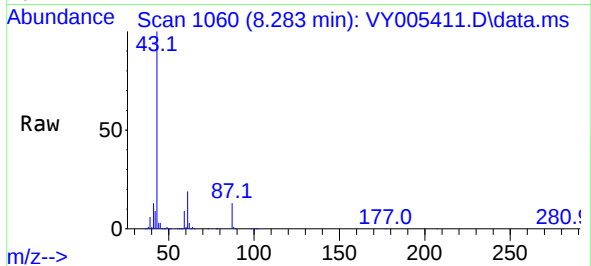
#43  
Isopropyl Acetate  
Concen: 107.107 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 43 Resp: 483568  
Ion Ratio Lower Upper  
43 100  
61 27.7 23.0 34.4  
87 12.9 10.4 15.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

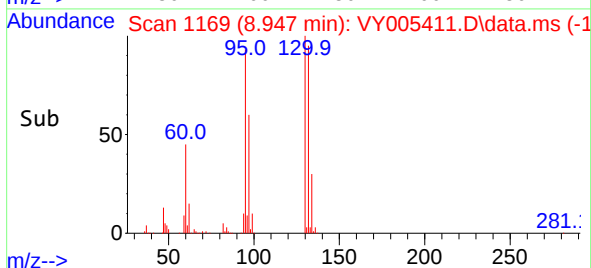
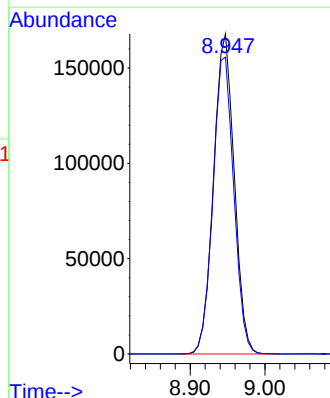
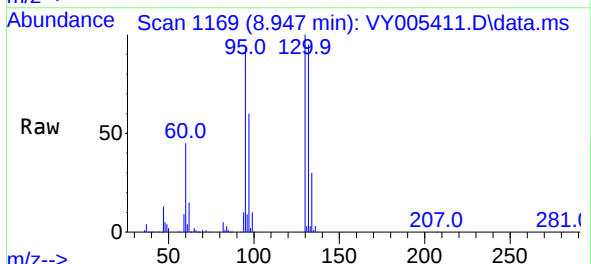
Manual Integrations  
APPROVED

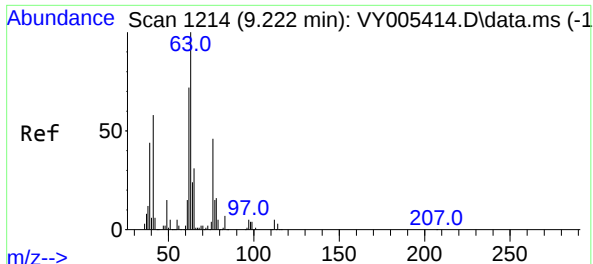
MMDadoda  
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#44  
Trichloroethene  
Concen: 101.187 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion:130 Resp: 322987  
Ion Ratio Lower Upper  
130 100  
95 92.8 0.0 182.6





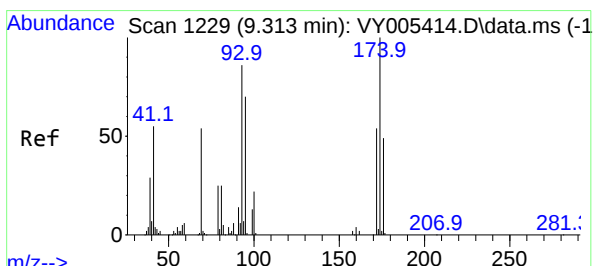
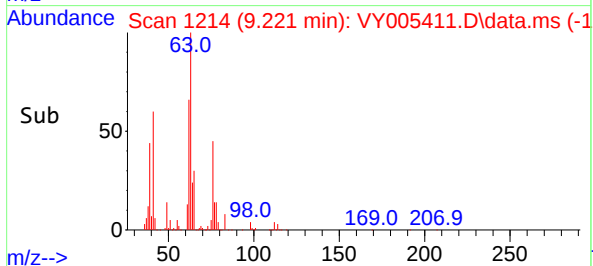
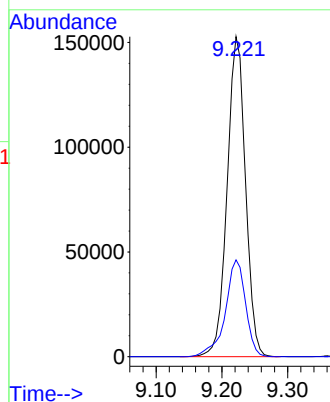
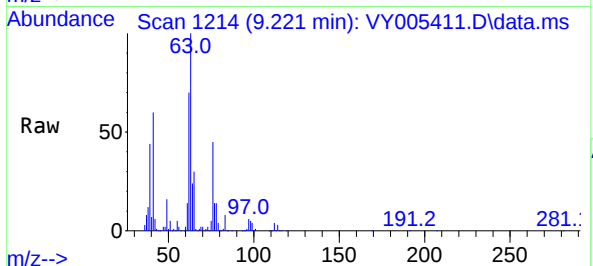
#45  
1,2-Dichloropropane  
Concen: 102.388 ug/l  
RT: 9.221 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 63 Resp: 296723  
Ion Ratio Lower Upper  
63 100  
65 30.2 24.7 37.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

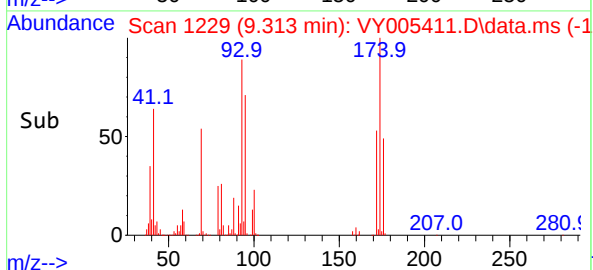
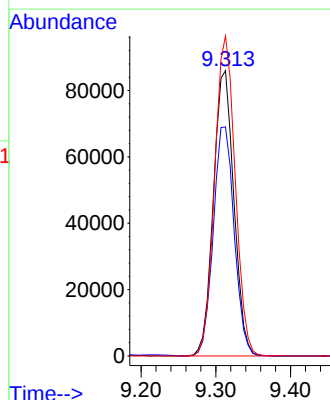
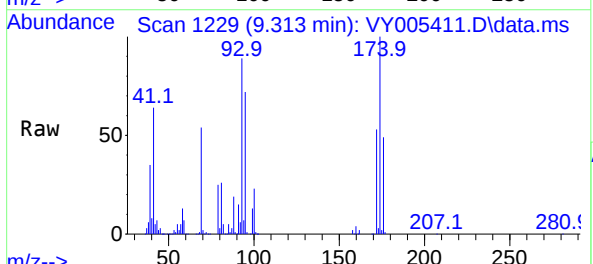
Manual Integrations  
APPROVED

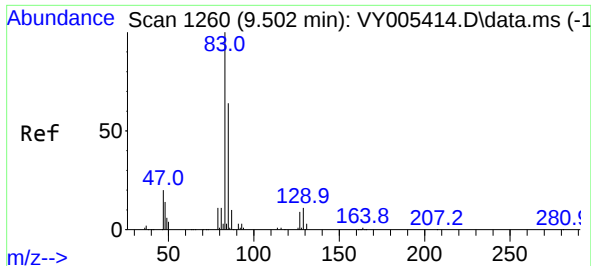
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7/23/2021 5:47:52 PM



#46  
Dibromomethane  
Concen: 102.790 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 93 Resp: 163960  
Ion Ratio Lower Upper  
93 100  
95 81.9 66.9 100.3  
174 112.3 93.2 139.8





#47  
Bromodichloromethane  
Concen: 101.900 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

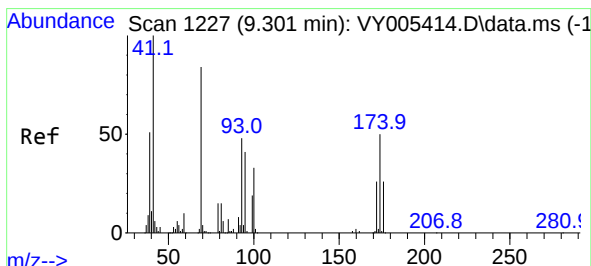
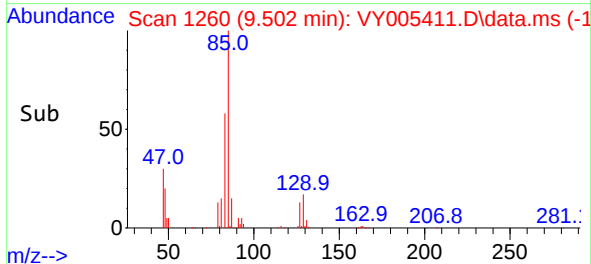
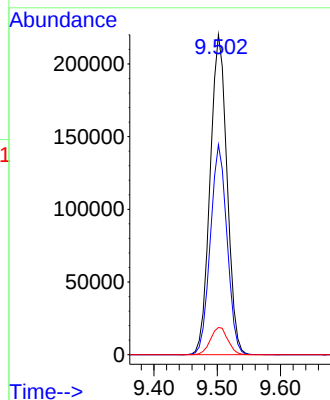
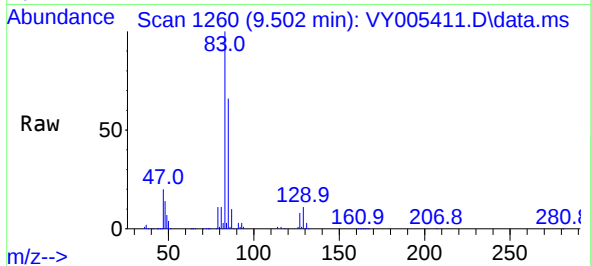
Tgt Ion: 83 Resp: 408564  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.6  | 51.4  | 77.0  |
| 127 | 8.5   | 7.3   | 10.9  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

Manual Integrations  
APPROVED

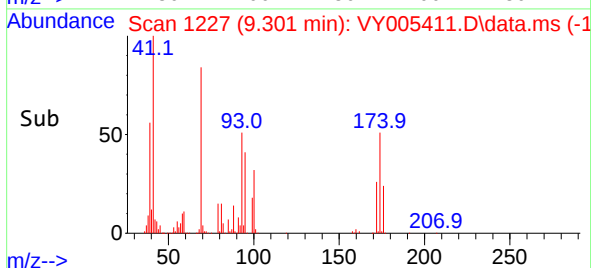
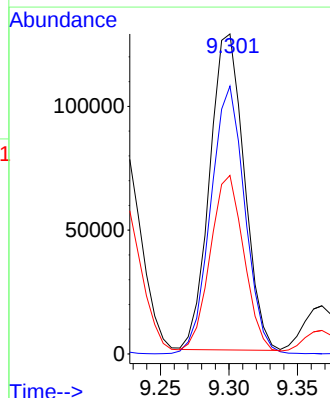
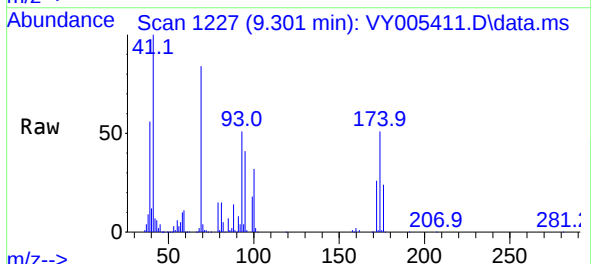
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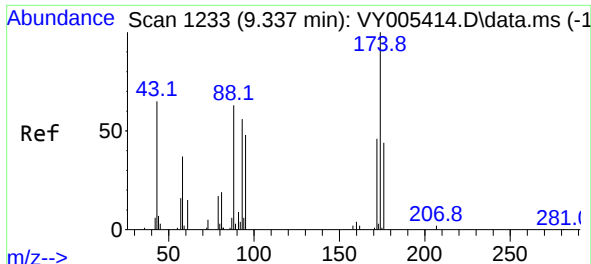


#48  
Methyl methacrylate  
Concen: 106.558 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 41 Resp: 223730  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 83.8  | 67.8  | 101.8 |
| 39  | 54.2  | 43.4  | 65.0  |





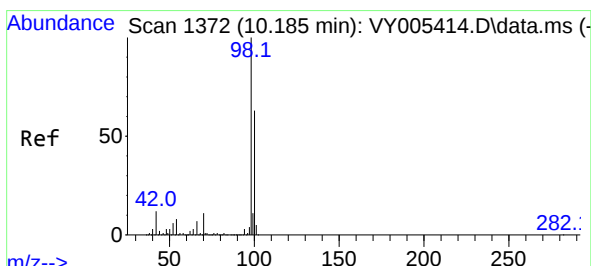
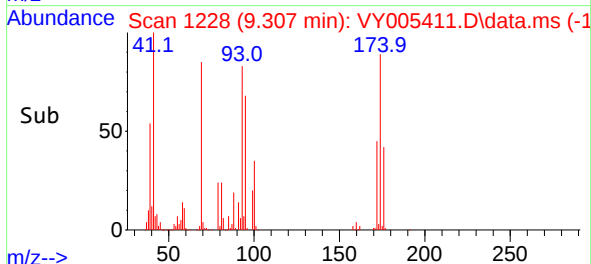
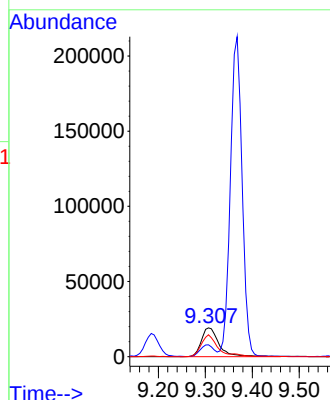
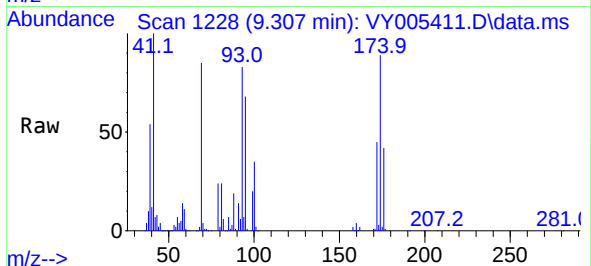
#49  
1,4-Dioxane  
Concen: 2241.904 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. -0.031 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 88 Resp: 50443  
Ion Ratio Lower Upper  
88 100  
43 31.6 0.0 0.0#  
58 71.9 58.2 87.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

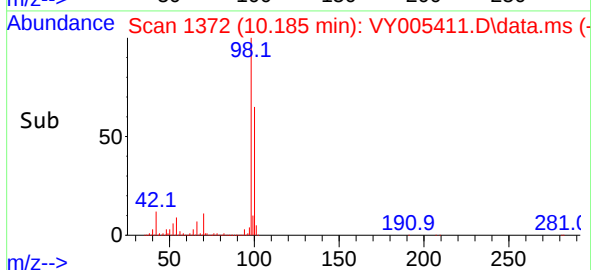
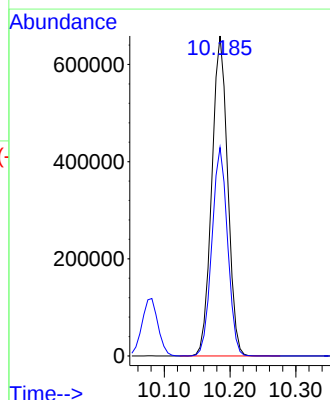
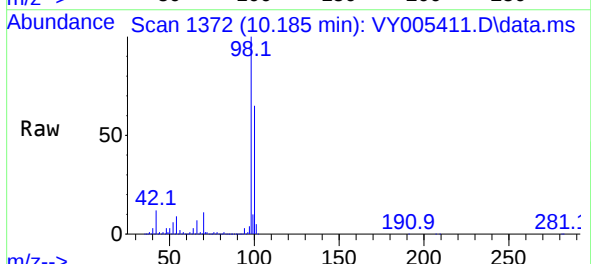
Manual Integrations  
APPROVED

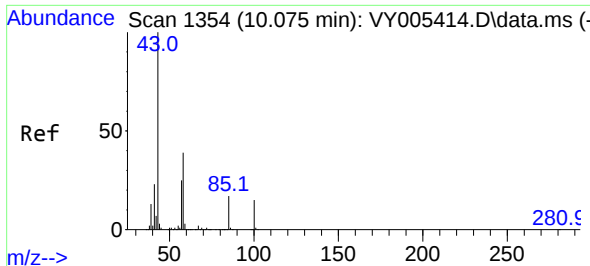
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#50  
Toluene-d8  
Concen: 106.546 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

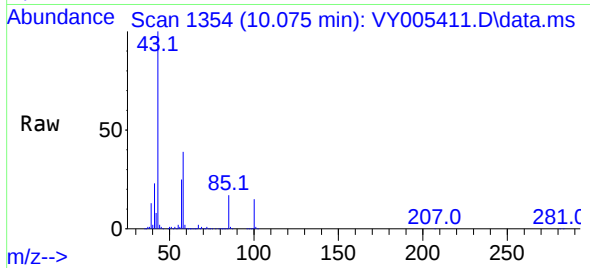
Tgt Ion: 98 Resp: 1104473  
Ion Ratio Lower Upper  
98 100  
100 64.4 50.9 76.3





#51  
4-Methyl-2-Pentanone  
Concen: 534.535 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

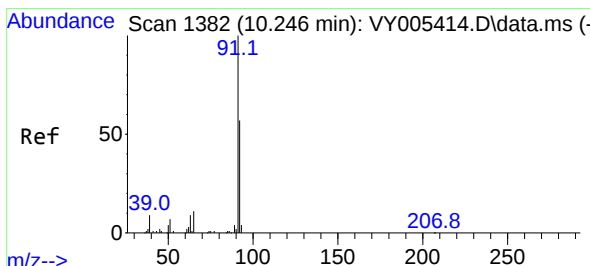
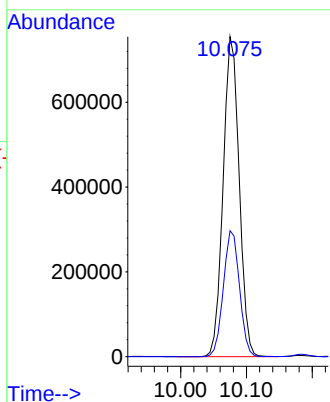
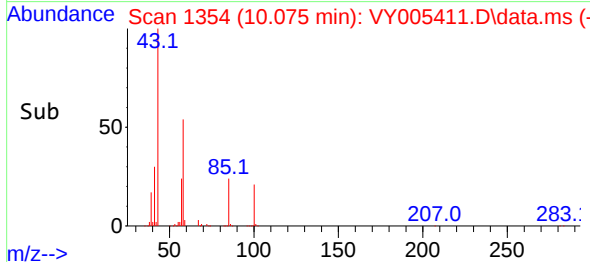
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



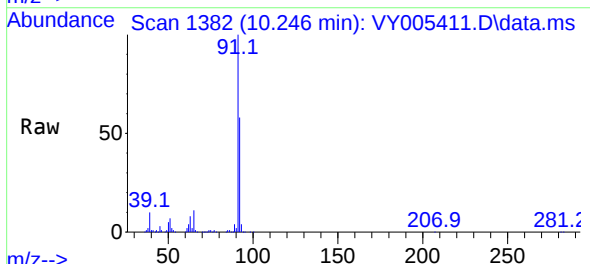
Tgt Ion: 43 Resp: 1281193  
Ion Ratio Lower Upper  
43 100  
58 39.6 31.2 46.8

Manual Integrations  
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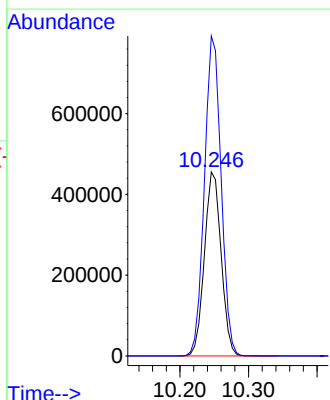
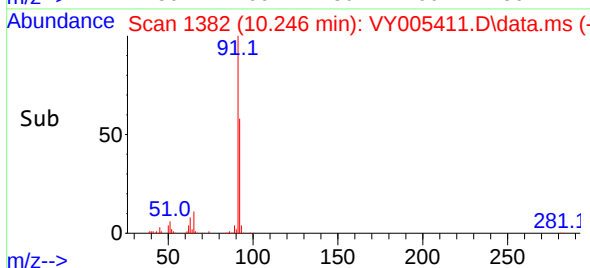
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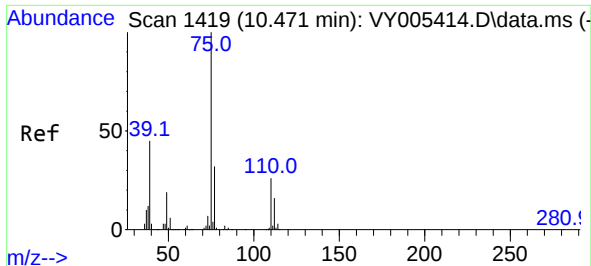


#52  
Toluene  
Concen: 103.403 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03



Tgt Ion: 92 Resp: 772838  
Ion Ratio Lower Upper  
92 100  
91 173.5 140.1 210.1





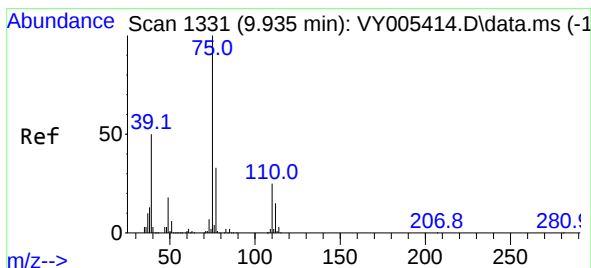
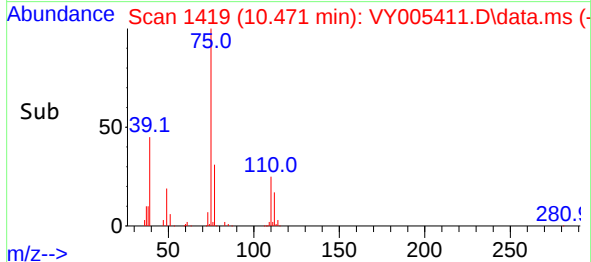
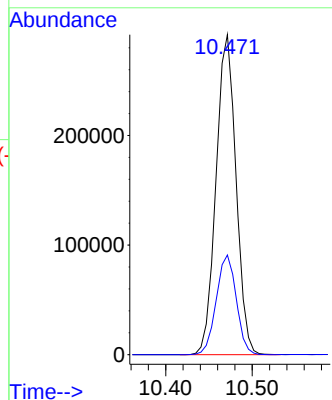
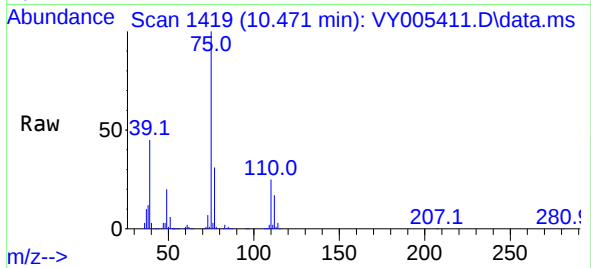
#53  
t-1,3-Dichloropropene  
Concen: 104.183 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 75 Resp: 467284  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.3 37.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

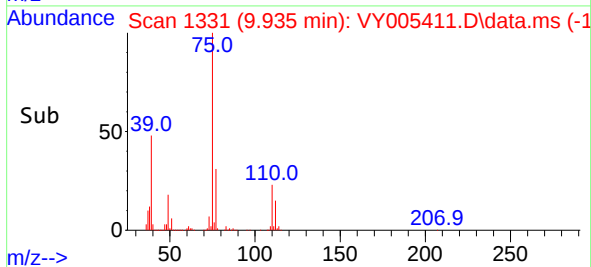
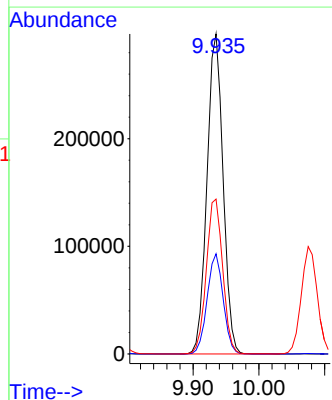
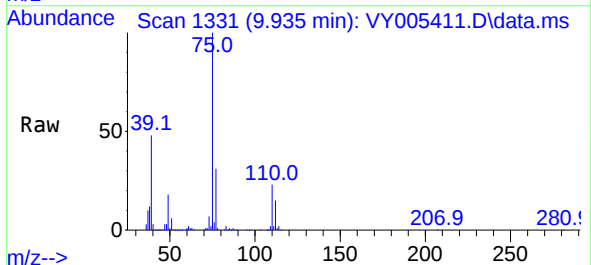
Manual Integrations  
APPROVED

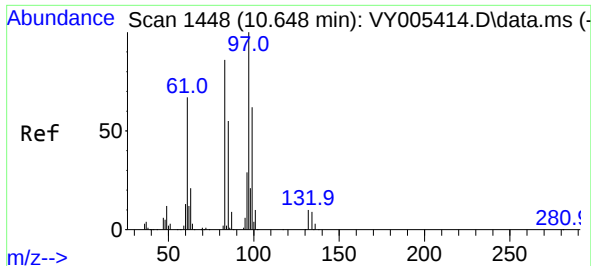
MMDadoda  
7/23/2021 5:47:52 PM



#54  
cis-1,3-Dichloropropene  
Concen: 102.620 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

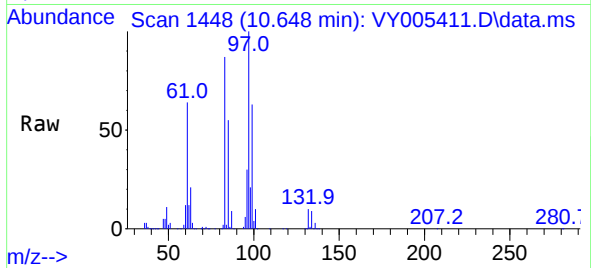
Tgt Ion: 75 Resp: 505953  
Ion Ratio Lower Upper  
75 100  
77 31.3 26.2 39.4  
39 48.4 39.6 59.4





#55  
1,1,2-Trichloroethane  
Concen: 102.021 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

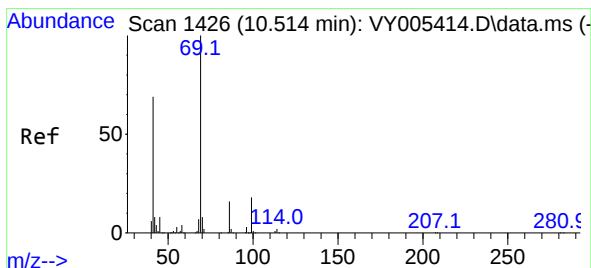
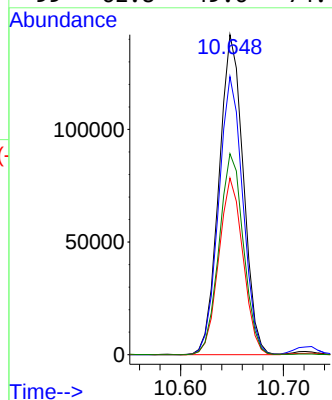


Tgt Ion: 97 Resp: 233545

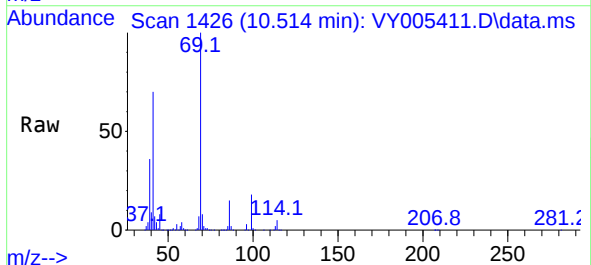
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.9  | 69.0  | 103.4 |
| 85  | 55.2  | 44.2  | 66.2  |
| 99  | 62.8  | 49.6  | 74.4  |

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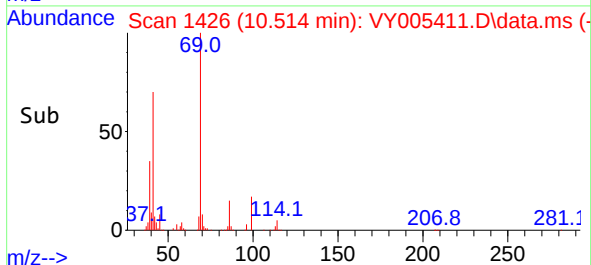
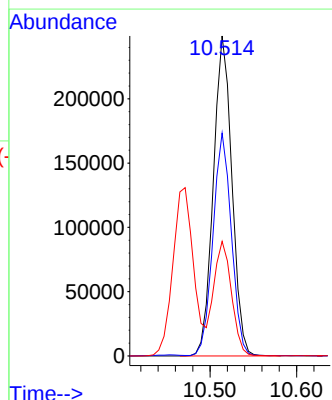


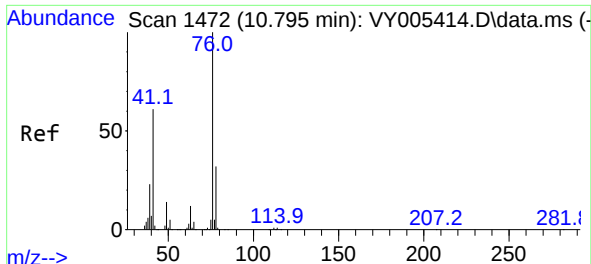
#56  
Ethyl methacrylate  
Concen: 107.465 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03



Tgt Ion: 69 Resp: 371463

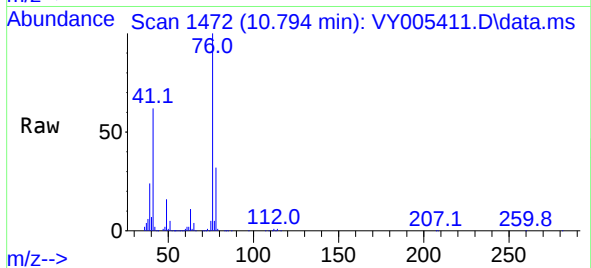
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 68.7  | 54.7  | 82.1  |
| 39  | 33.8  | 27.2  | 40.8  |





#57  
1,3-Dichloropropane  
Concen: 102.317 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

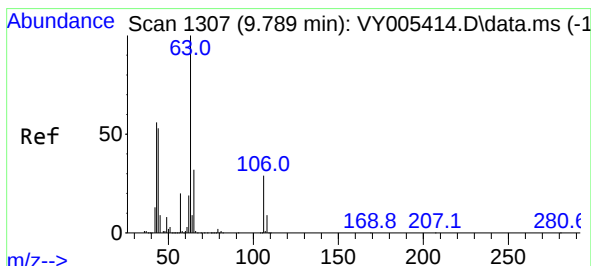
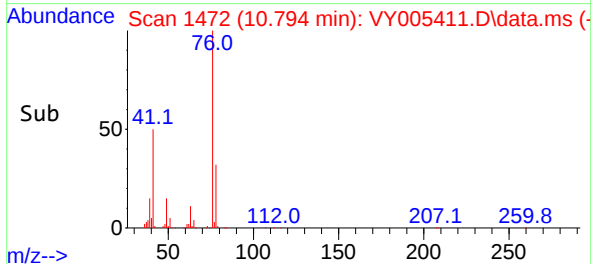
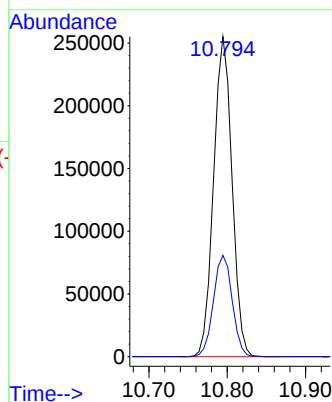
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



Tgt Ion: 76 Resp: 416586  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.9 38.9

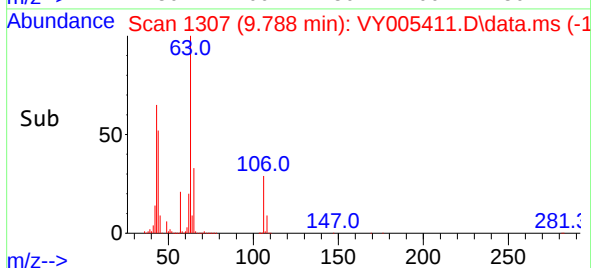
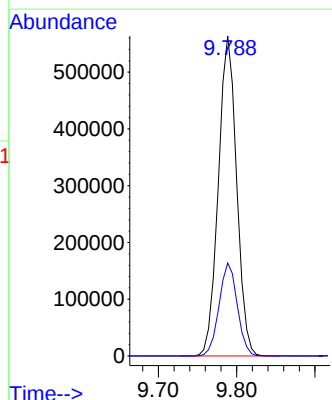
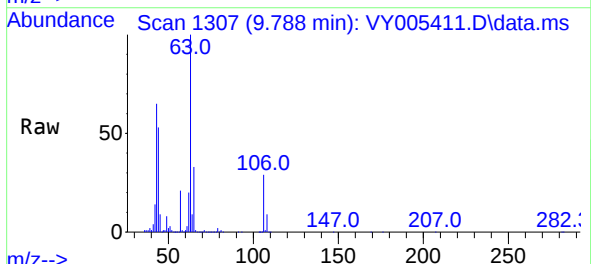
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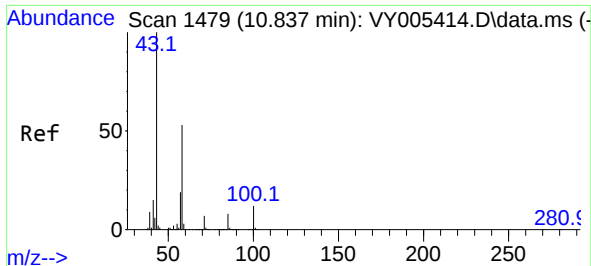
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#58  
2-Chloroethyl Vinyl ether  
Concen: 553.767 ug/l  
RT: 9.788 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

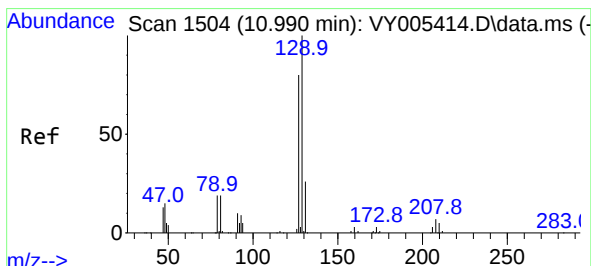
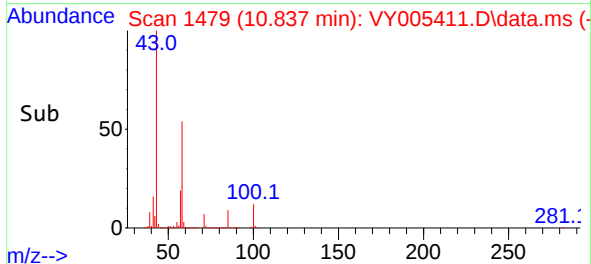
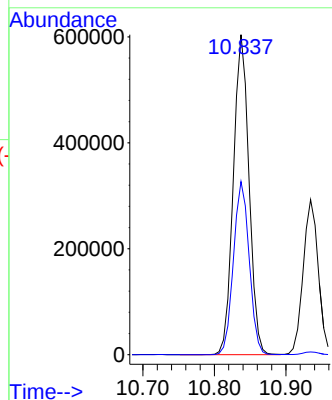
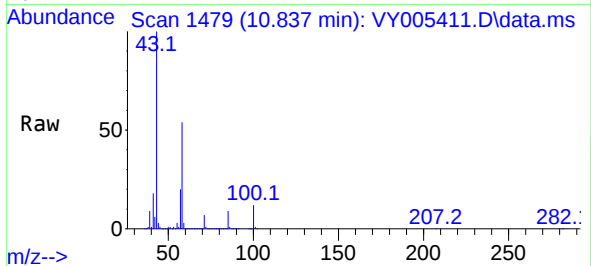
Tgt Ion: 63 Resp: 915438  
Ion Ratio Lower Upper  
63 100  
106 28.9 23.0 34.4





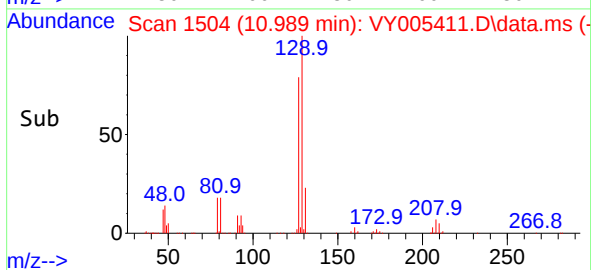
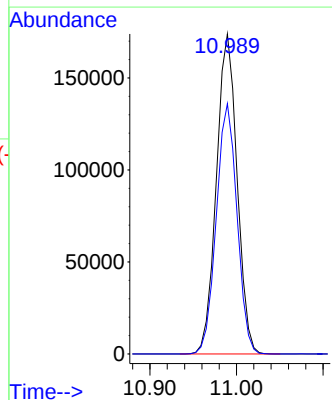
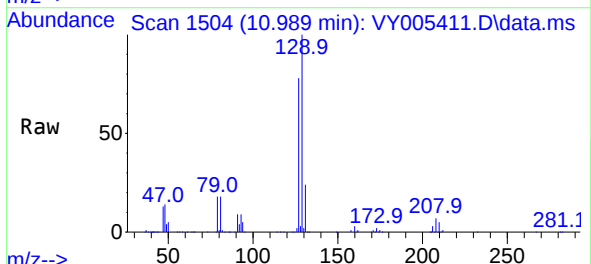
#59  
2-Hexanone  
Concen: 546.734 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 43 Resp: 918468  
Ion Ratio Lower Upper  
43 100  
58 54.3 27.1 81.2



#60  
Dibromochloromethane  
Concen: 103.200 ug/l  
RT: 10.989 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

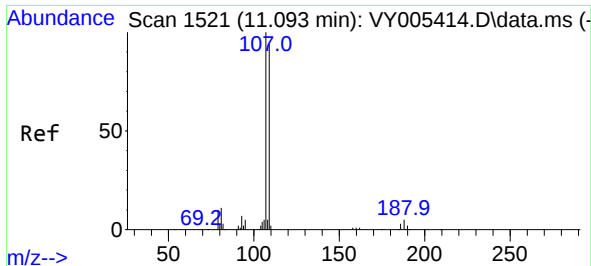
Tgt Ion: 129 Resp: 288529  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.6 116.0



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

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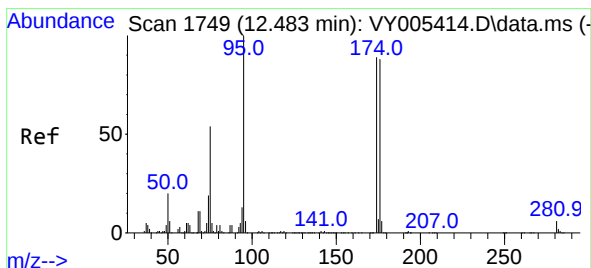
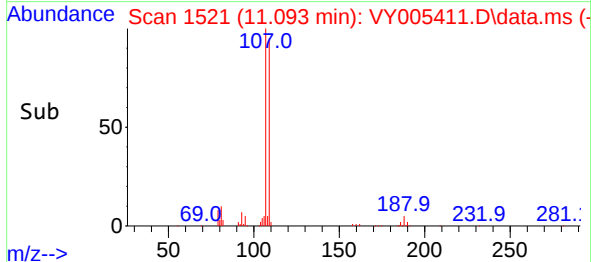
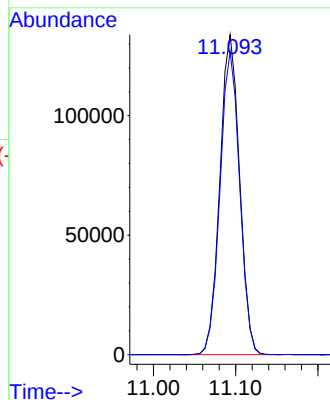
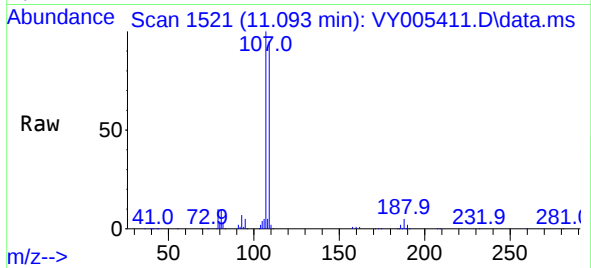
#61  
1,2-Dibromoethane  
Concen: 102.751 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 107 Resp: 222649  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.2 112.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

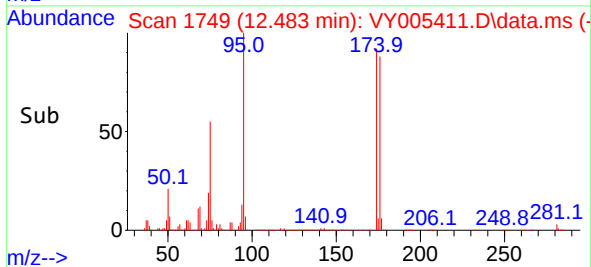
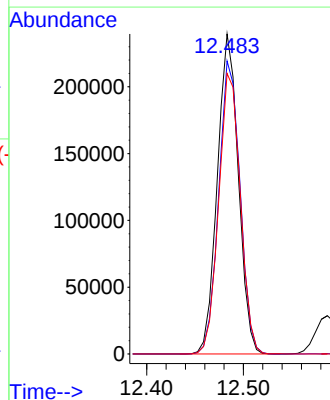
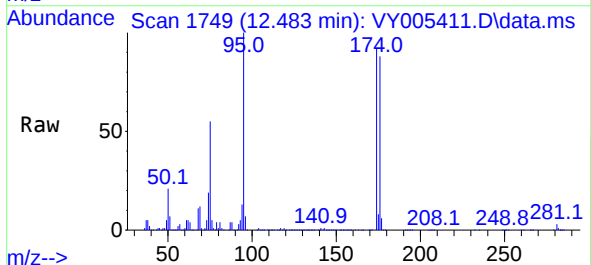
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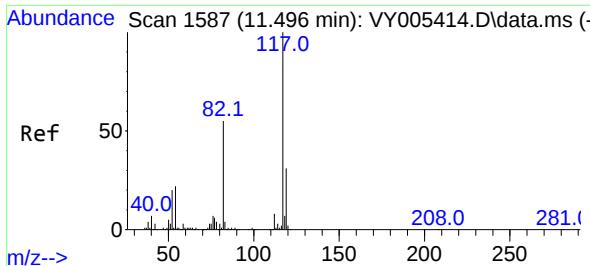
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#62  
4-Bromofluorobenzene  
Concen: 105.374 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

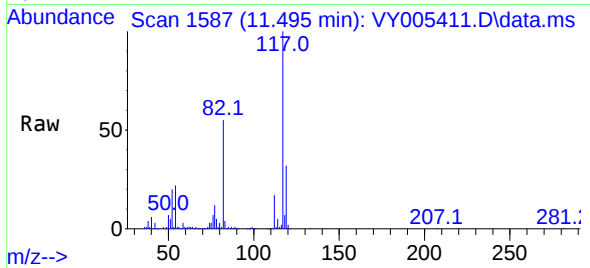
Tgt Ion: 95 Resp: 360516  
Ion Ratio Lower Upper  
95 100  
174 92.7 0.0 186.6  
176 90.1 0.0 182.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.495 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

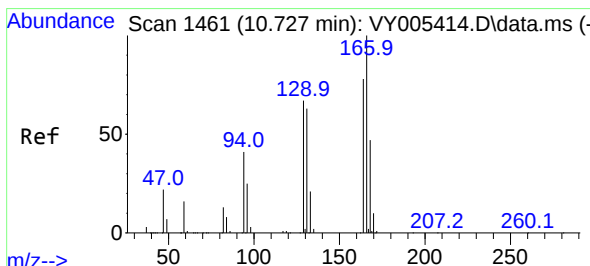
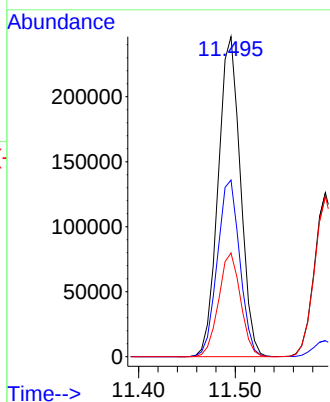
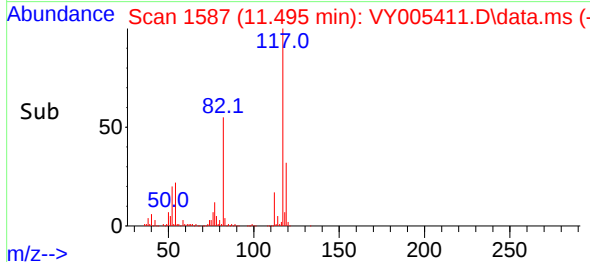
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



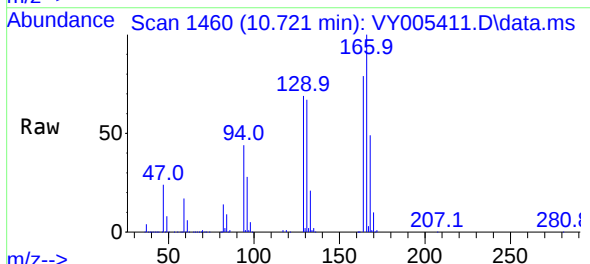
Tgt Ion:117 Resp: 392641  
Ion Ratio Lower Upper  
117 100  
82 55.2 43.8 65.6  
119 32.4 24.8 37.2

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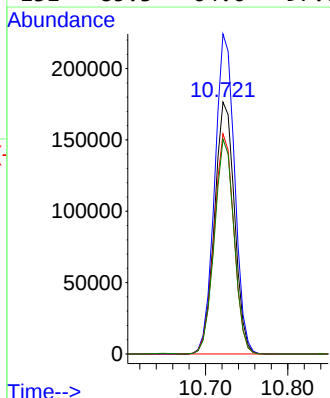
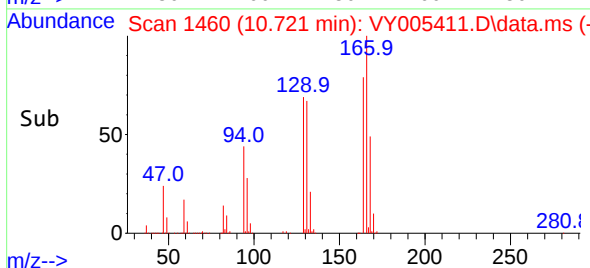
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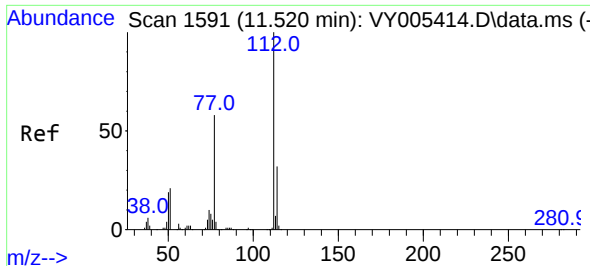


#64  
Tetrachloroethene  
Concen: 100.640 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03



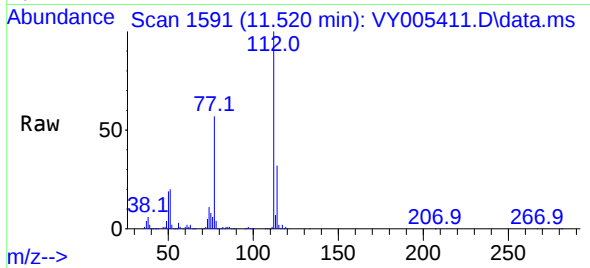
Tgt Ion:164 Resp: 298518  
Ion Ratio Lower Upper  
164 100  
166 127.1 102.1 153.1  
129 87.5 68.6 102.8  
131 85.3 64.6 97.0



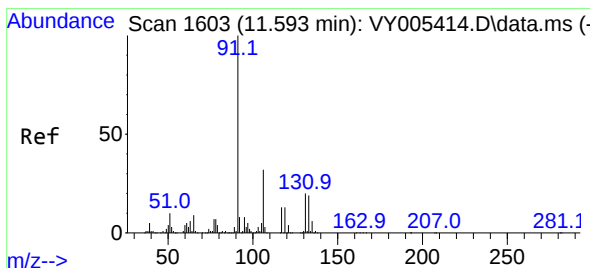
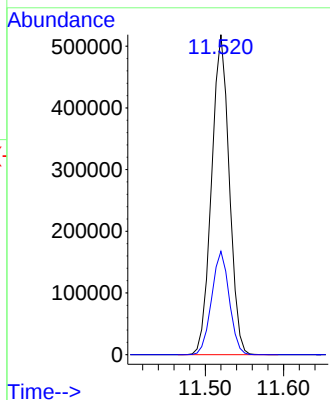
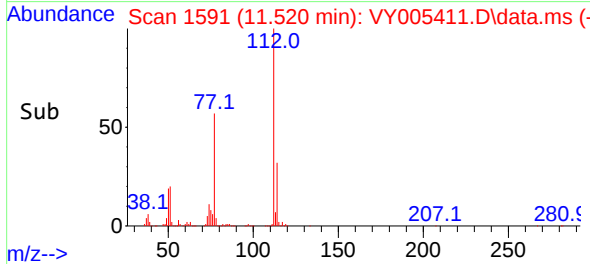


#65  
Chlorobenzene  
Concen: 101.069 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

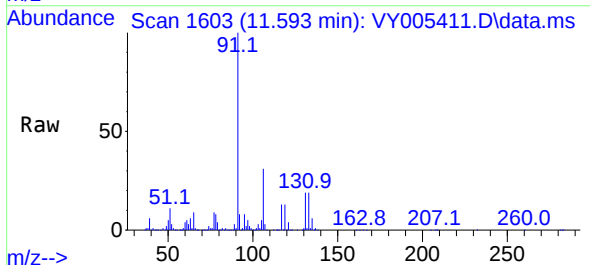
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



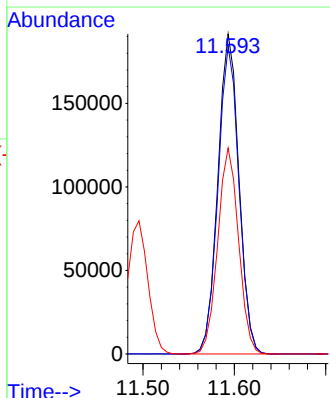
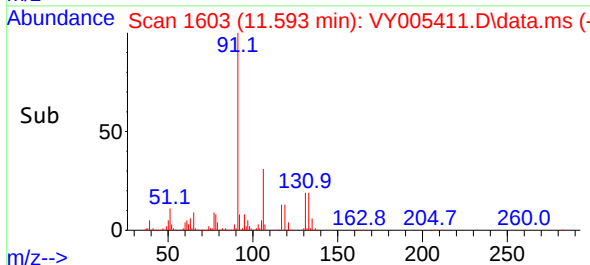
Tgt Ion:112 Resp: 812790  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.8 38.8

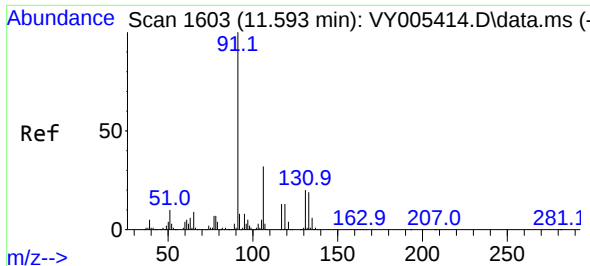


#66  
1,1,1,2-Tetrachloroethane  
Concen: 101.991 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03



Tgt Ion:131 Resp: 306335  
Ion Ratio Lower Upper  
131 100  
133 95.8 47.8 143.4  
119 63.8 31.1 93.5





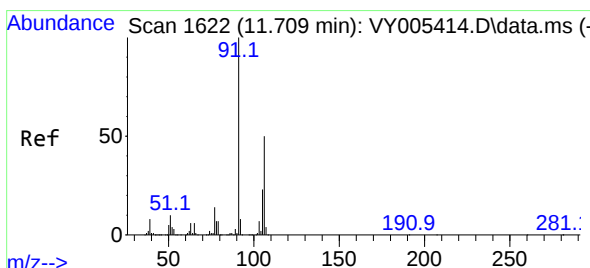
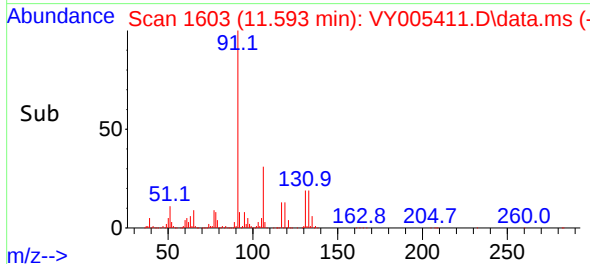
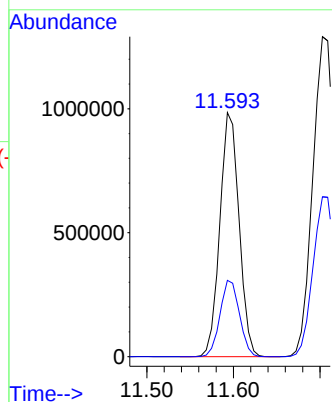
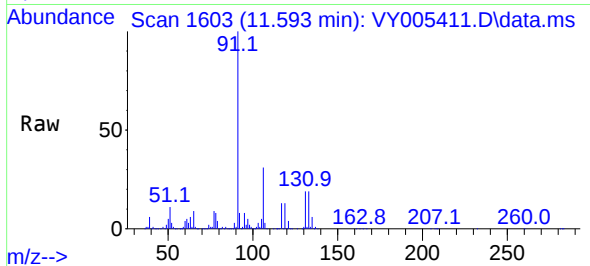
#67  
Ethyl Benzene  
Concen: 103.588 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

Tgt Ion: 91 Resp: 1516535  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.2 37.8

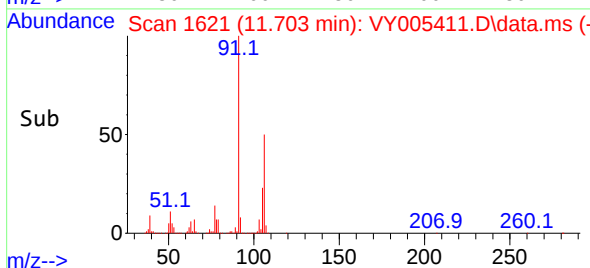
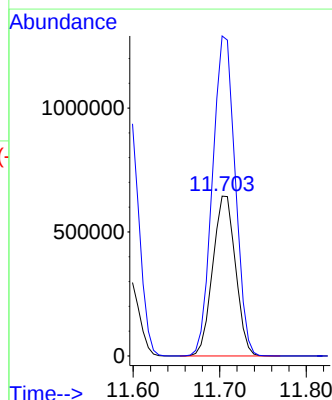
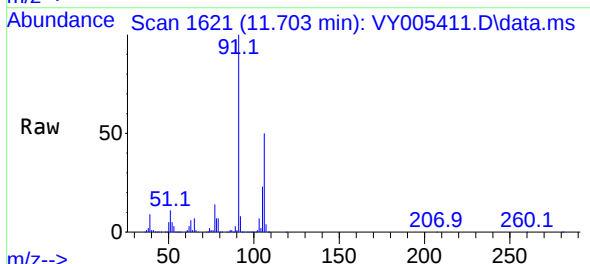
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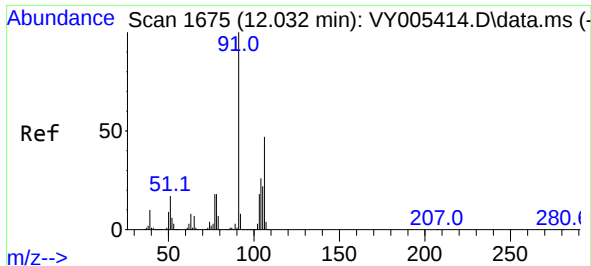
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#68  
m/p-Xylenes  
Concen: 207.424 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion:106 Resp: 1179147  
Ion Ratio Lower Upper  
106 100  
91 199.7 161.4 242.2





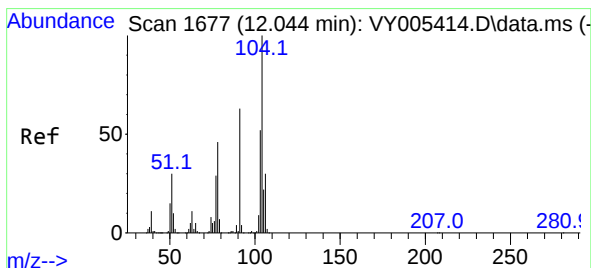
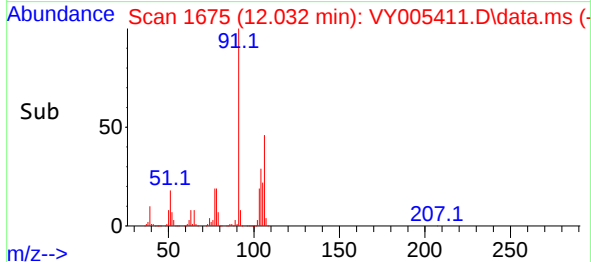
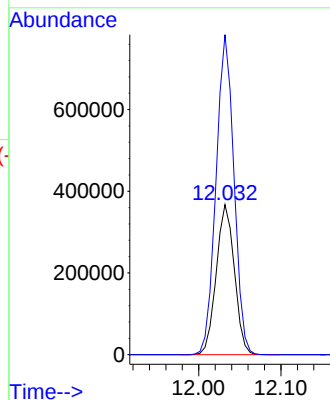
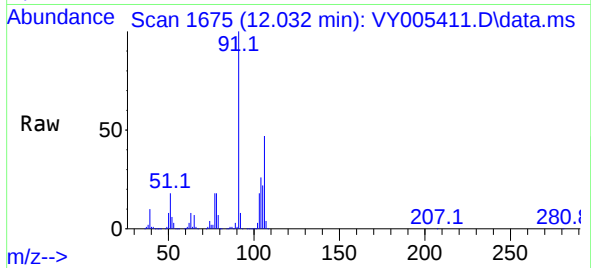
#69  
o-Xylene  
Concen: 104.059 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion:106 Resp: 562769  
Ion Ratio Lower Upper  
106 100  
91 211.1 106.6 319.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

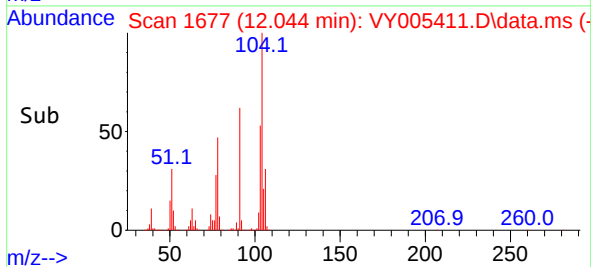
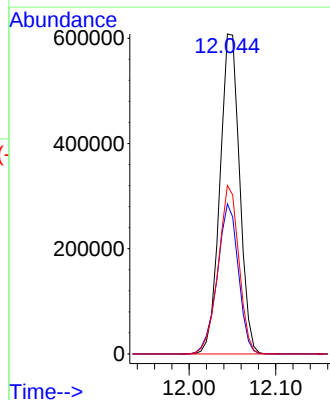
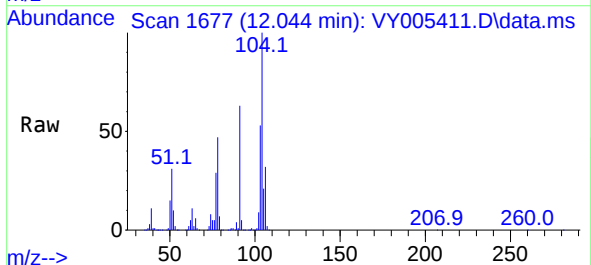
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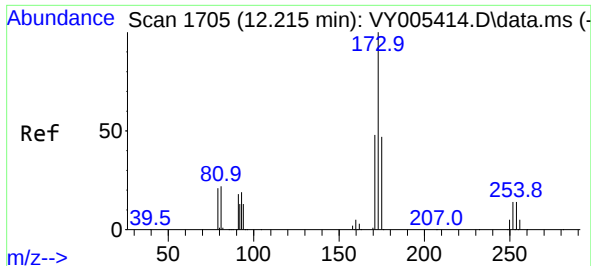
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#70  
Styrene  
Concen: 104.652 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion:104 Resp: 961046  
Ion Ratio Lower Upper  
104 100  
78 50.2 39.8 59.8  
103 55.4 44.2 66.2





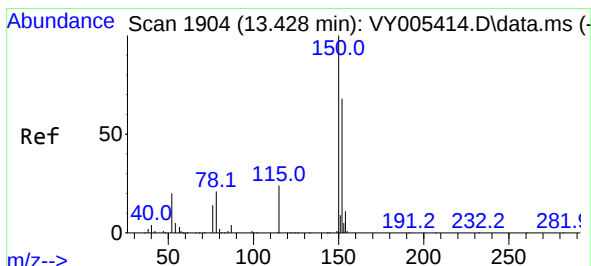
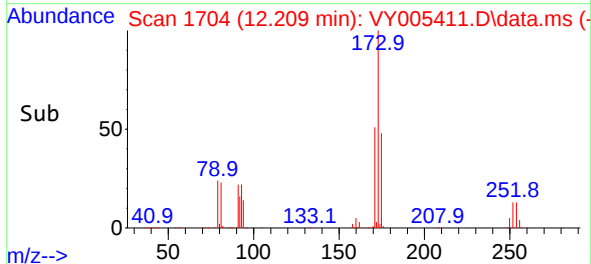
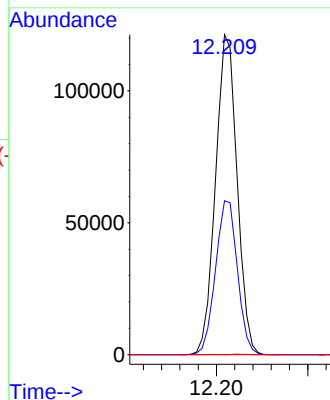
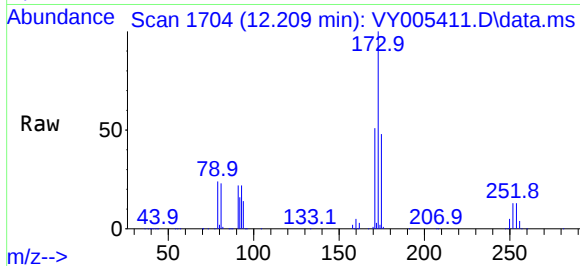
#71  
Bromoform  
Concen: 103.543 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion:173 Resp: 198765  
Ion Ratio Lower Upper  
173 100  
175 48.9 24.1 72.4  
254 0.0 0.1 0.1#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

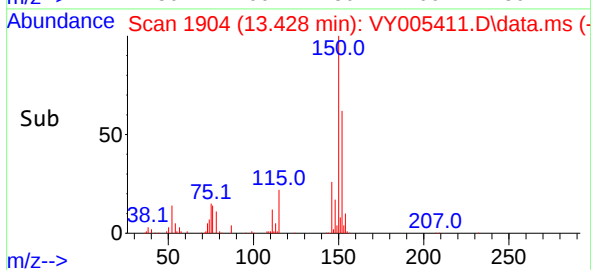
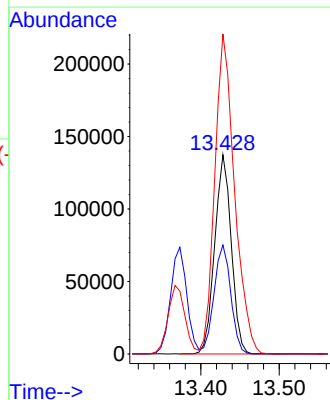
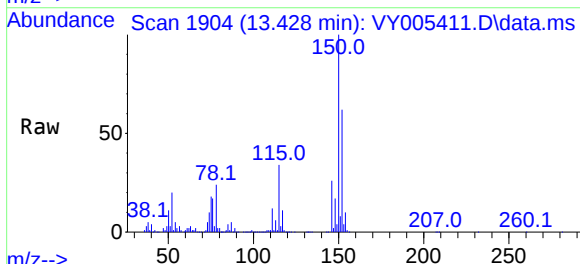
Manual Integrations  
APPROVED

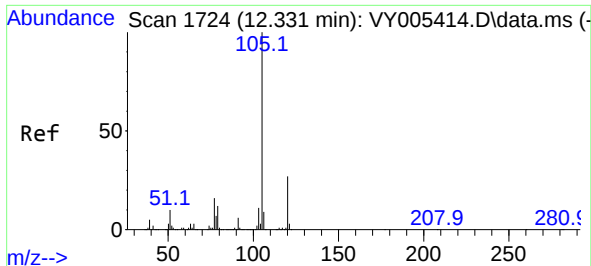
MMDadoda  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

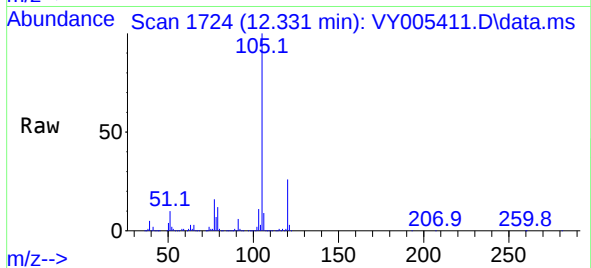
Tgt Ion:152 Resp: 202241  
Ion Ratio Lower Upper  
152 100  
115 55.2 27.7 83.1  
150 191.3 0.0 349.6





#73  
Isopropylbenzene  
Concen: 104.577 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

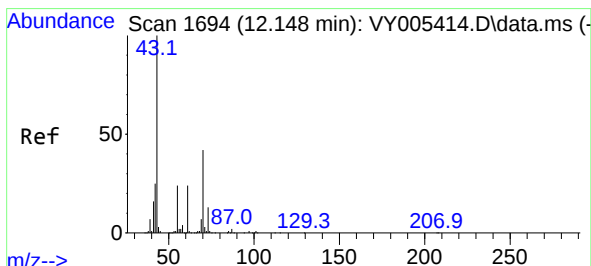
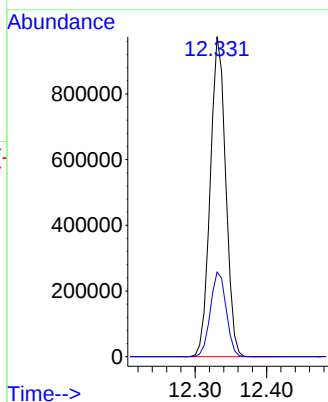
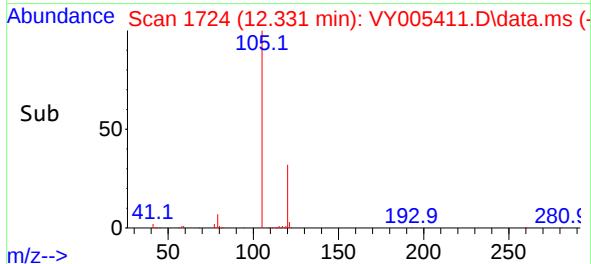
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



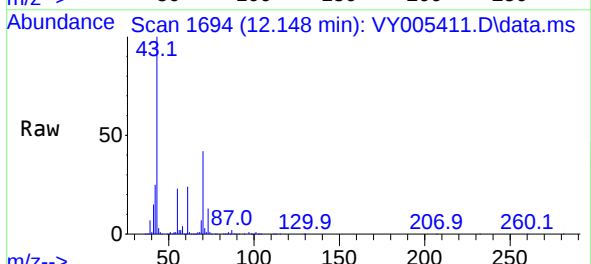
Tgt Ion:105 Resp: 1458484  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.5 40.5

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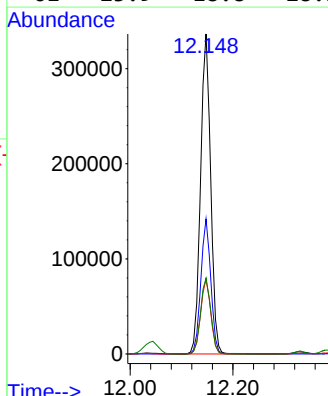
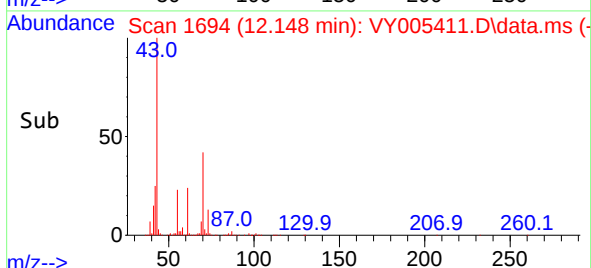
MMDadoda  
7/23/2021 5:47:52 PM

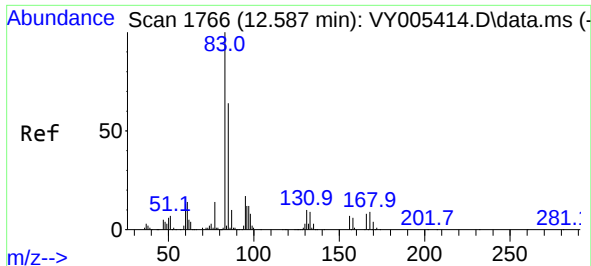


#74  
N-ethyl acetate  
Concen: 108.133 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03



Tgt Ion: 43 Resp: 459147  
Ion Ratio Lower Upper  
43 100  
70 41.4 32.9 49.3  
55 23.4 19.1 28.7  
61 23.9 18.8 28.2





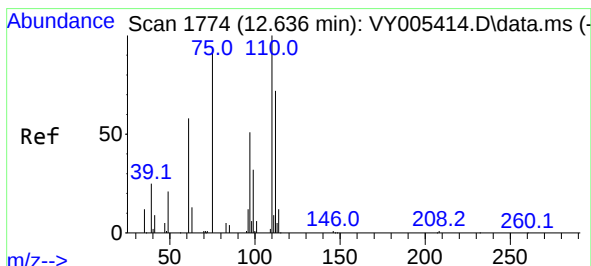
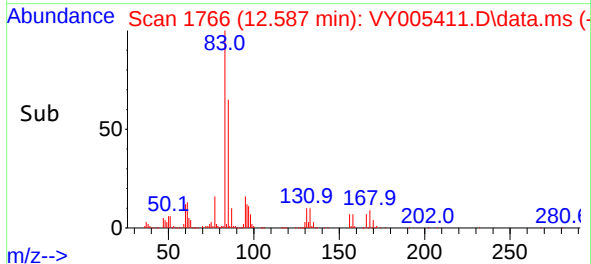
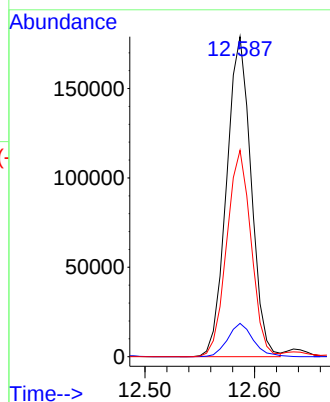
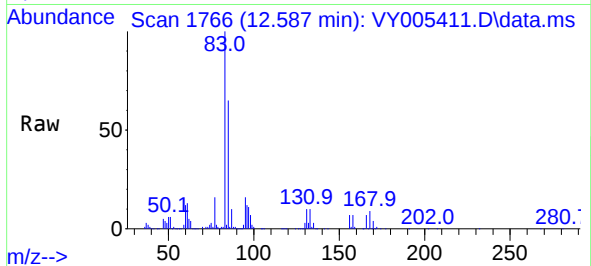
#75  
1,1,2,2-Tetrachloroethane  
Concen: 104.496 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 83 Resp: 278249  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.5 16.7  
85 64.3 31.9 95.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC100

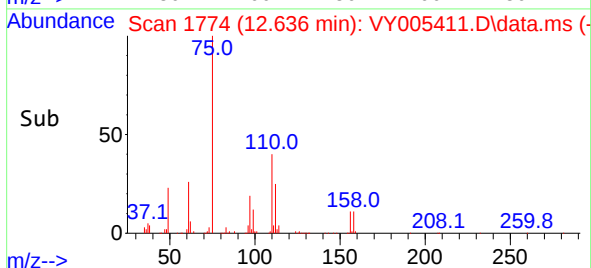
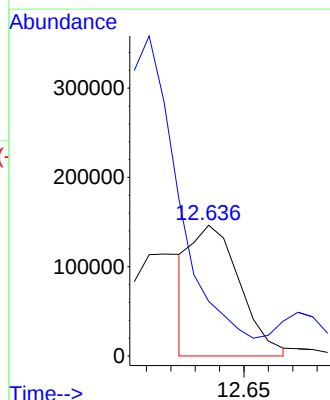
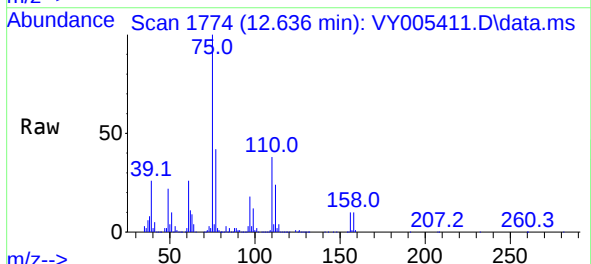
Manual Integrations  
APPROVED

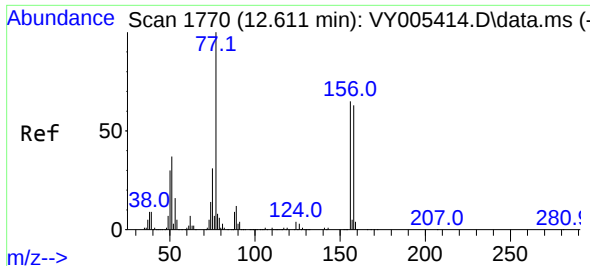
MMDadoda  
7/23/2021 5:47:52 PM



#76  
1,2,3-Trichloropropane  
Concen: 136.908 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 75 Resp: 204350  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





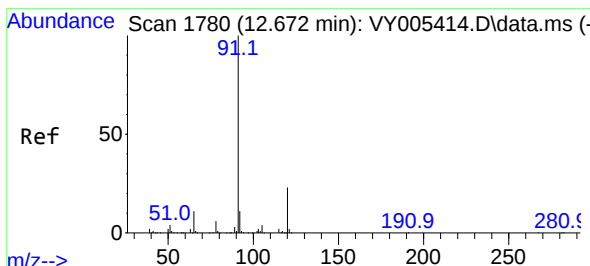
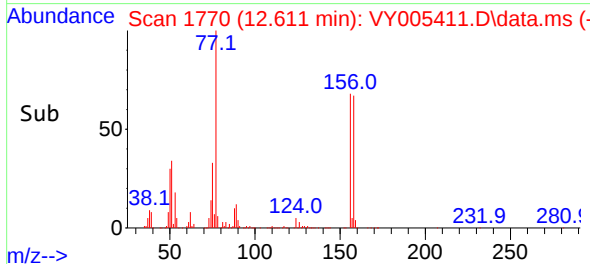
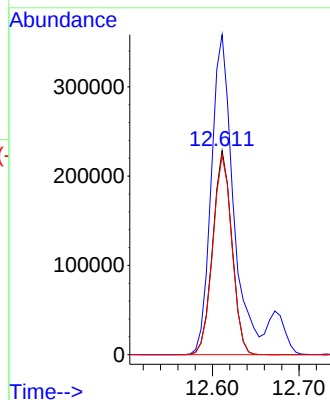
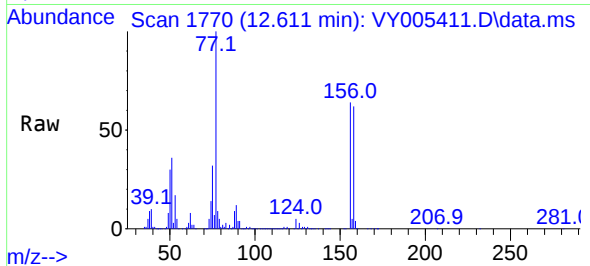
#77  
Bromobenzene  
Concen: 102.384 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 156 Resp: 349672  
Ion Ratio Lower Upper  
156 100  
77 179.5 86.9 260.7  
158 98.0 48.9 146.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

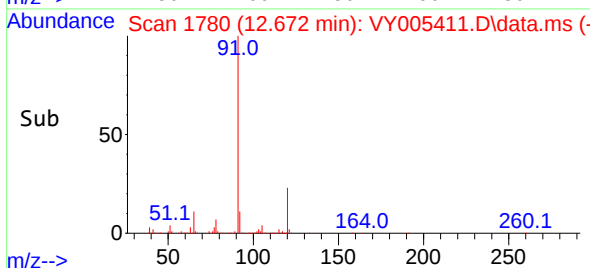
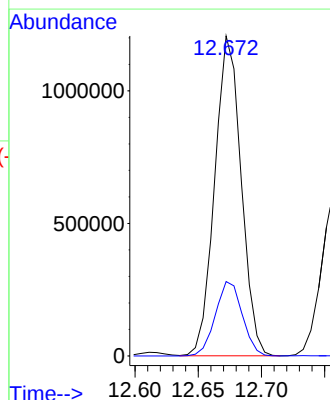
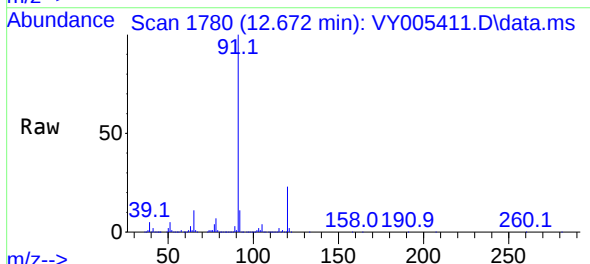
Manual Integrations  
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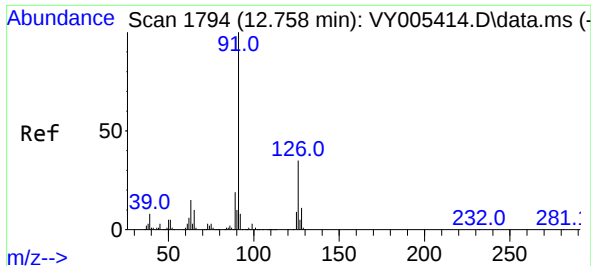
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#78  
n-propylbenzene  
Concen: 104.266 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 91 Resp: 1754424  
Ion Ratio Lower Upper  
91 100  
120 23.6 11.8 35.4





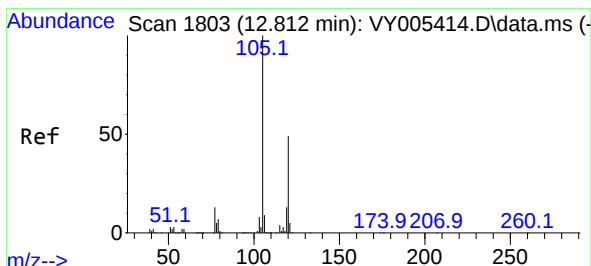
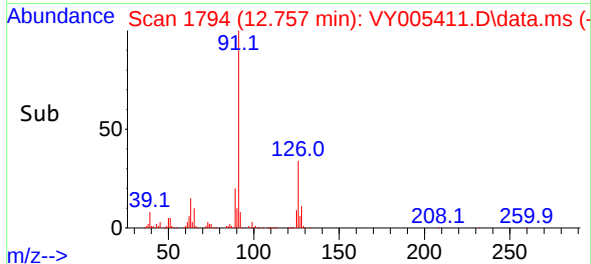
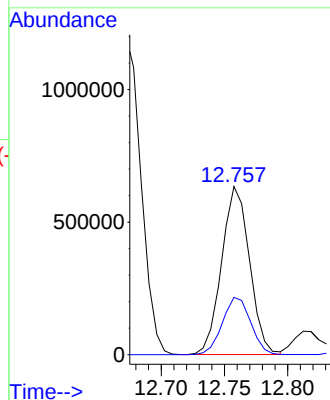
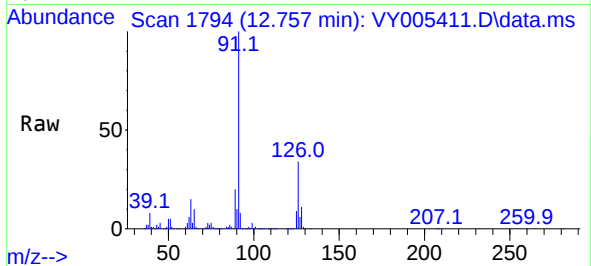
#79  
2-Chlorotoluene  
Concen: 103.068 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

Tgt Ion: 91 Resp: 974130  
Ion Ratio Lower Upper  
91 100  
126 34.7 17.5 52.6

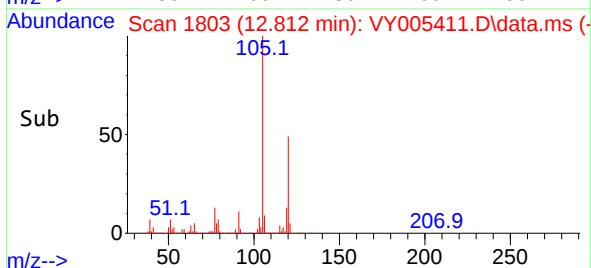
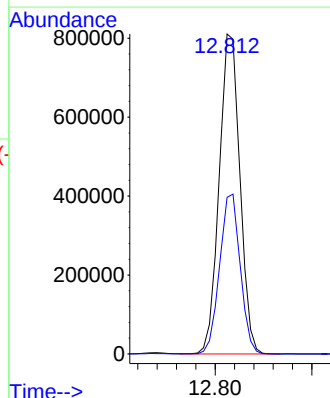
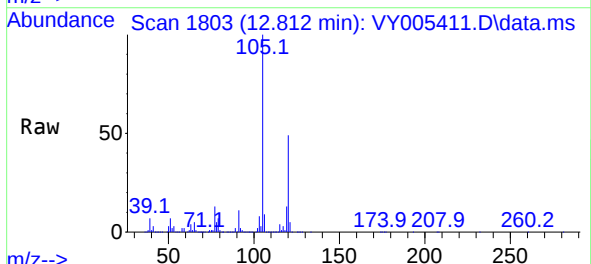
Manual Integrations  
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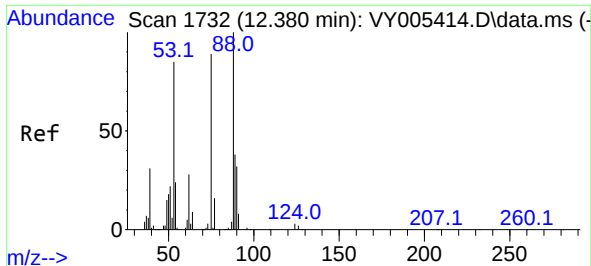
MMDadoda  
7/23/2021 5:47:52 PM



#80  
1,3,5-Trimethylbenzene  
Concen: 103.460 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 105 Resp: 1205196  
Ion Ratio Lower Upper  
105 100  
120 49.7 24.8 74.3





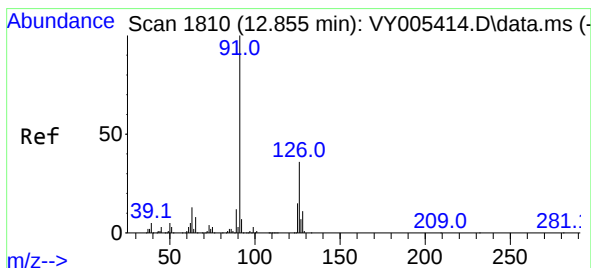
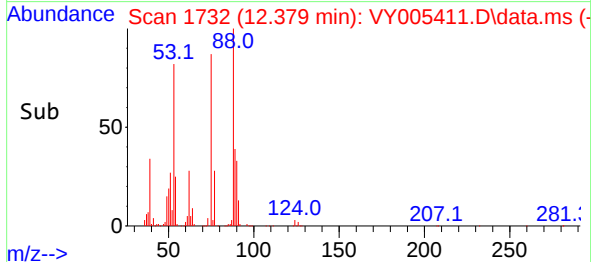
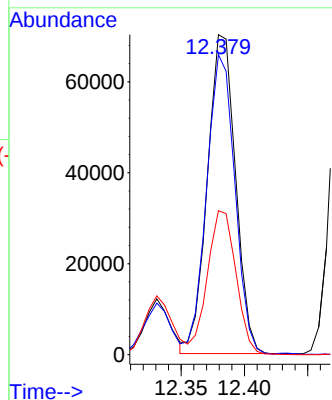
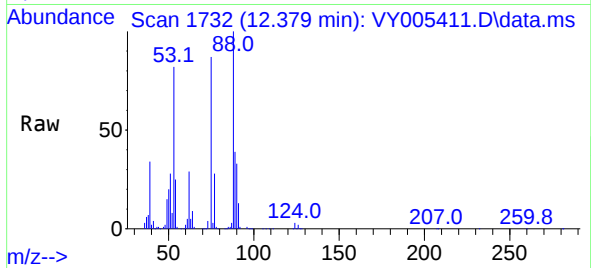
#81  
trans-1,4-Dichloro-2-butene  
Concen: 105.862 ug/l  
RT: 12.379 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Tgt Ion: 75 Resp: 108495  
Ion Ratio Lower Upper  
75 100  
53 94.4 76.1 114.1  
89 45.9 36.9 55.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

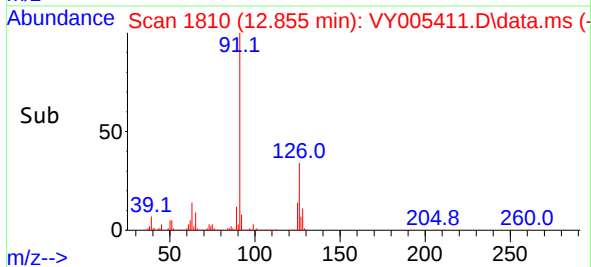
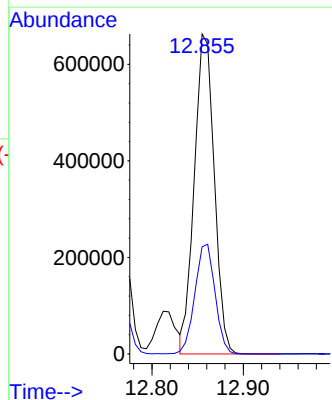
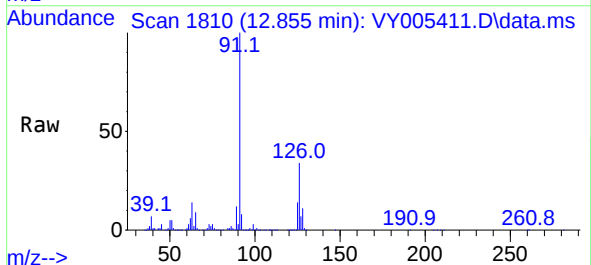
Manual Integrations  
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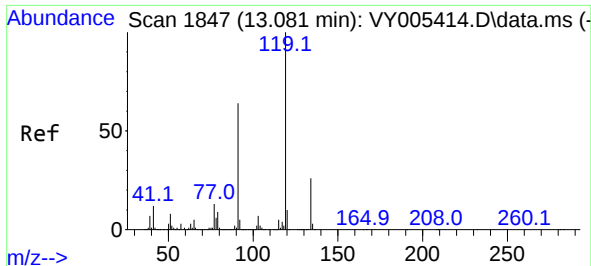
MMDadoda  
7/23/2021 5:47:52 PM



#82  
4-Chlorotoluene  
Concen: 102.836 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

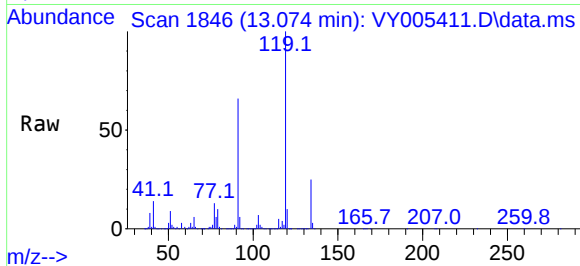
Tgt Ion: 91 Resp: 1005966  
Ion Ratio Lower Upper  
91 100  
126 34.7 17.4 52.3





#83  
tert-Butylbenzene  
Concen: 104.721 ug/l  
RT: 13.074 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

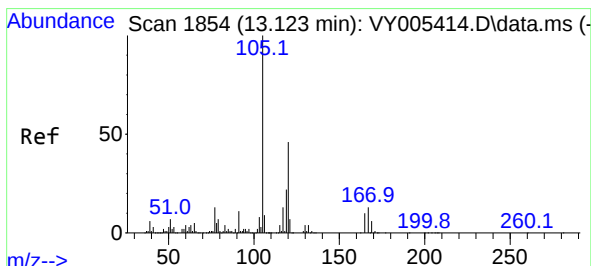
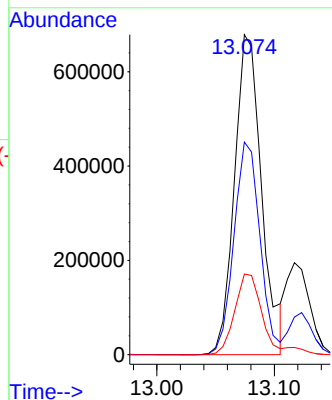
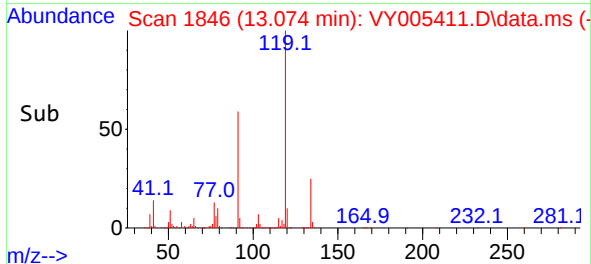
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



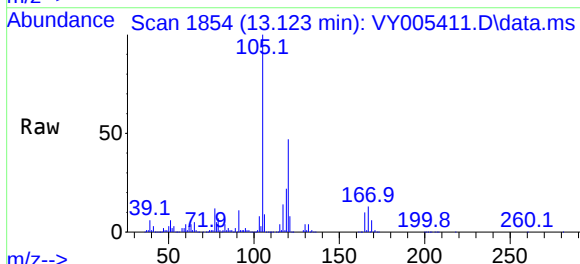
Tgt Ion:119 Resp: 1086587  
Ion Ratio Lower Upper  
119 100  
91 64.1 31.9 95.5  
134 26.3 13.5 40.4

Manual Integrations  
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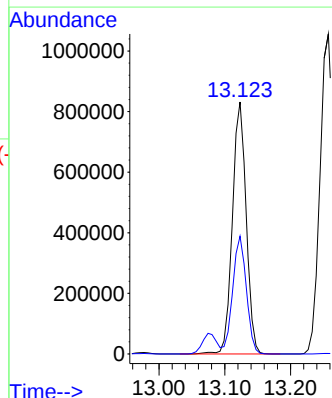
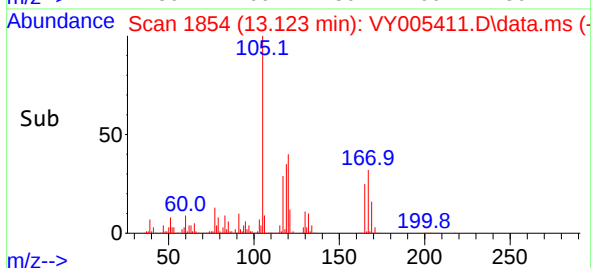
MMDadoda  
7/23/2021 5:47:52 PM

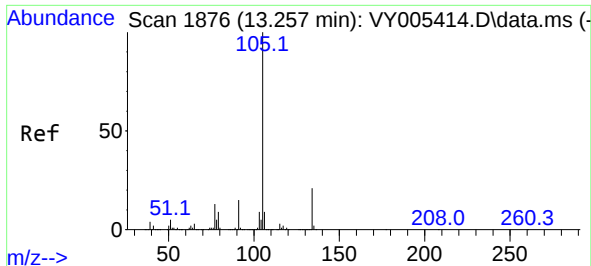


#84  
1,2,4-Trimethylbenzene  
Concen: 103.805 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03



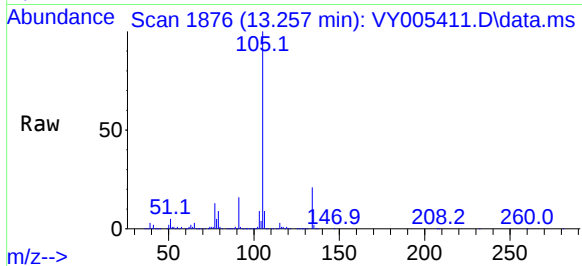
Tgt Ion:105 Resp: 1212852  
Ion Ratio Lower Upper  
105 100  
120 46.3 22.9 68.8





#85  
 sec-Butylbenzene  
 Concen: 104.775 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. -0.000 min  
 Lab File: VY005411.D  
 Acq: 22 Jul 2021 12:03

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC100

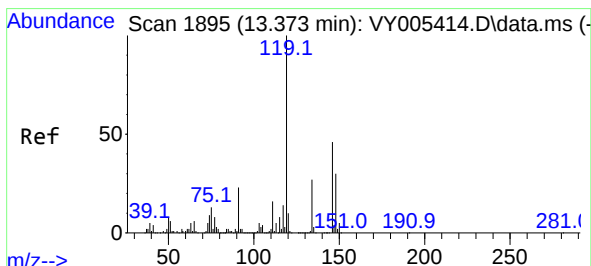
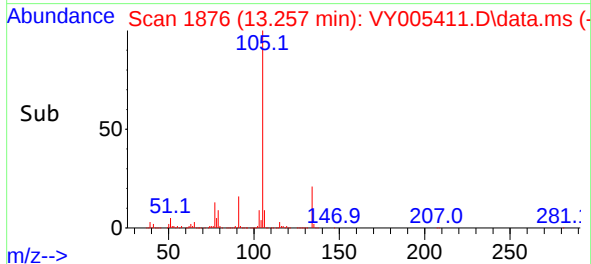
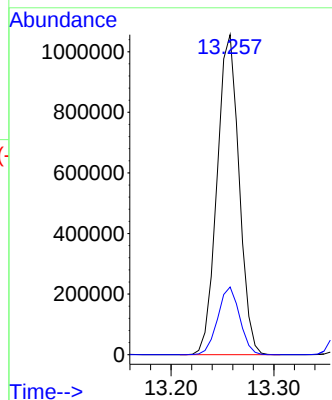


Tgt Ion:105 Resp: 1568081  

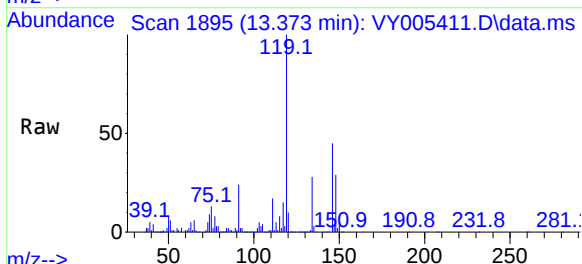
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 134 | 21.1  | 10.5  | 31.6  |

Manual Integrations  
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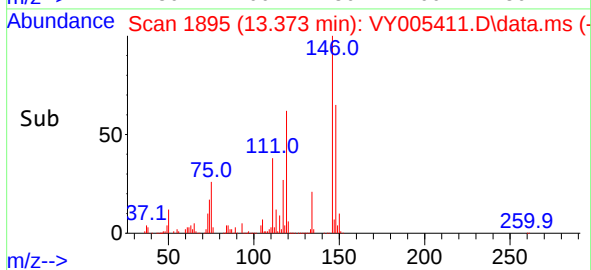
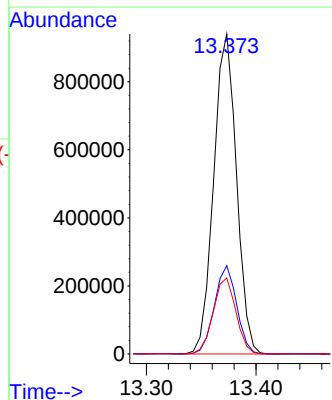


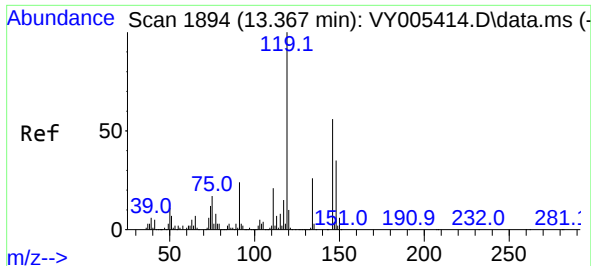
#86  
 p-Isopropyltoluene  
 Concen: 105.363 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. -0.000 min  
 Lab File: VY005411.D  
 Acq: 22 Jul 2021 12:03



Tgt Ion:119 Resp: 1357713  

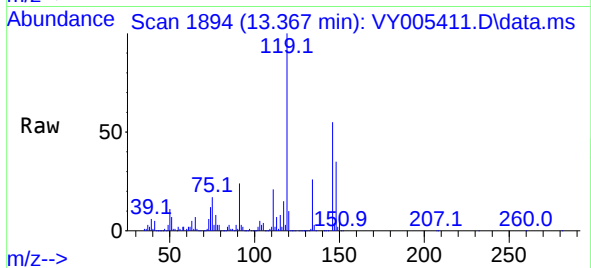
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 134 | 26.9  | 13.5  | 40.5  |
| 91  | 23.6  | 11.7  | 35.1  |





#87  
1,3-Dichlorobenzene  
Concen: 102.890 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

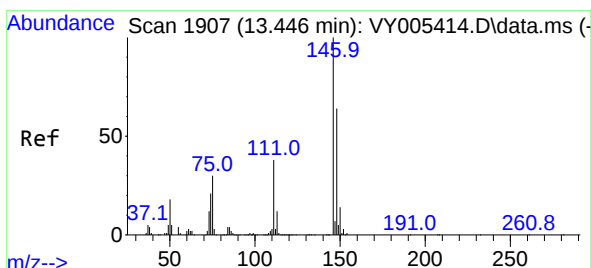
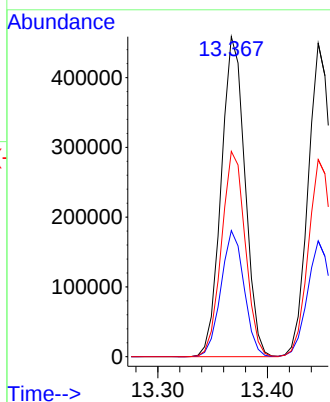
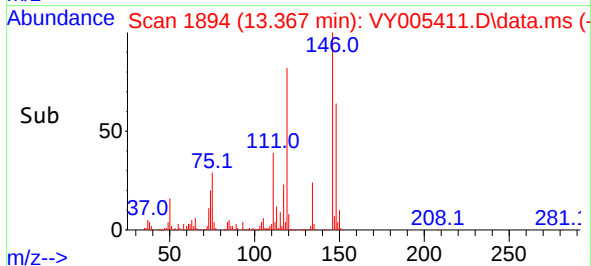
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



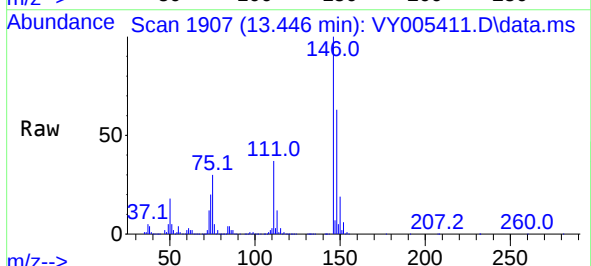
Tgt Ion:146 Resp: 689178  
Ion Ratio Lower Upper  
146 100  
111 38.4 18.7 56.1  
148 64.2 32.0 96.0

Manual Integrations  
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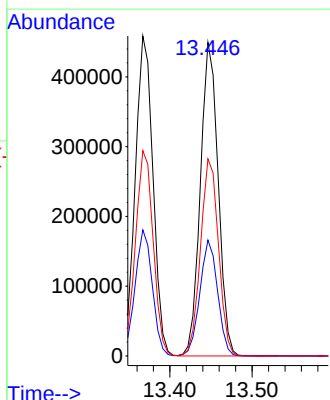
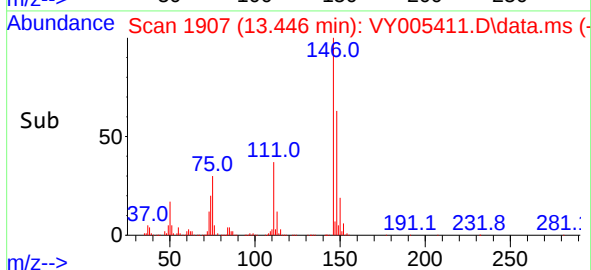
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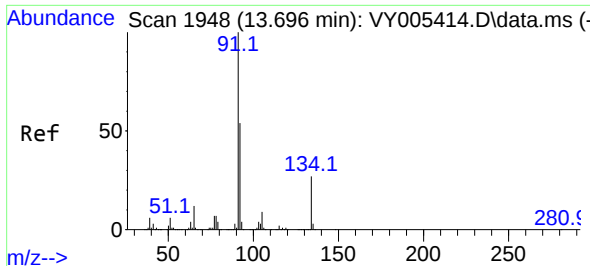


#88  
1,4-Dichlorobenzene  
Concen: 101.717 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03



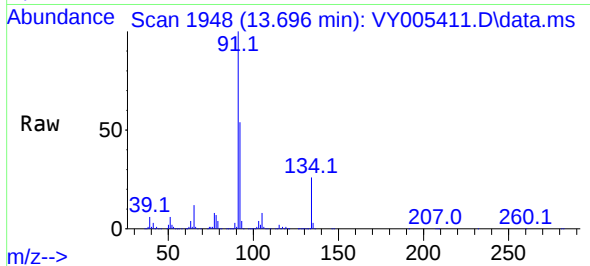
Tgt Ion:146 Resp: 675088  
Ion Ratio Lower Upper  
146 100  
111 36.8 18.6 55.8  
148 63.6 32.1 96.5





#89  
n-Butylbenzene  
Concen: 105.083 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

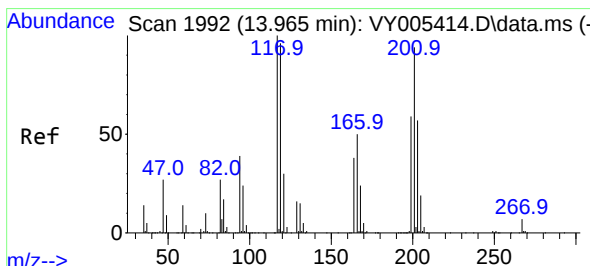
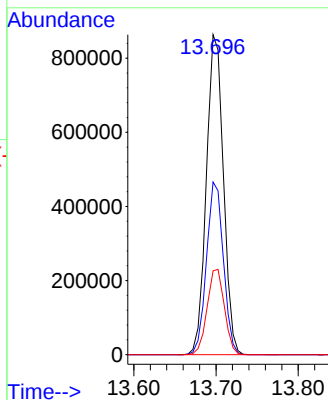
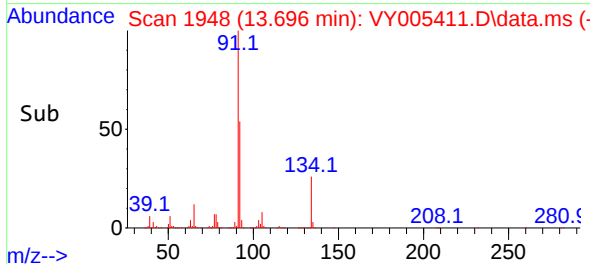


Tgt Ion: 91 Resp: 1242925

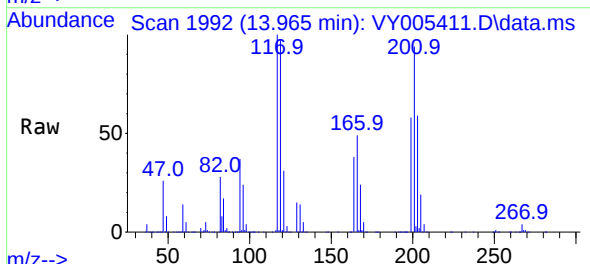
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.5  | 26.8  | 80.3  |
| 134 | 27.1  | 14.0  | 41.9  |

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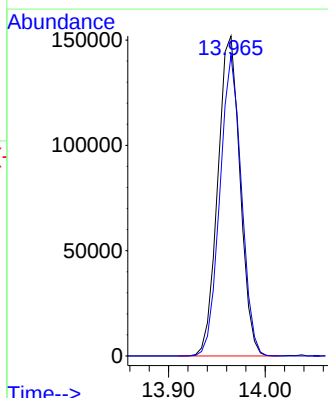
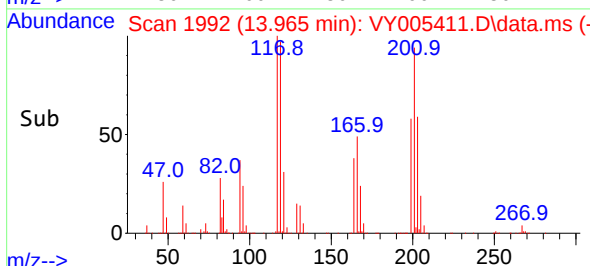


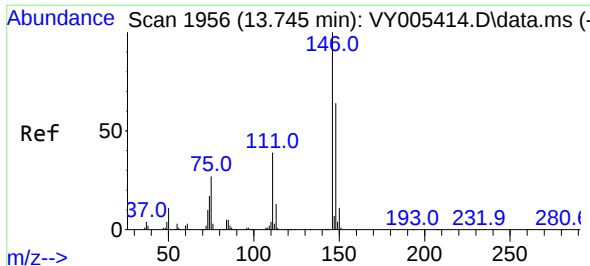
#90  
Hexachloroethane  
Concen: 104.743 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03



Tgt Ion: 117 Resp: 242618

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 90.7  | 46.4  | 139.2 |





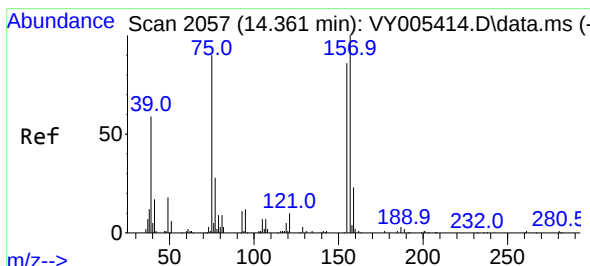
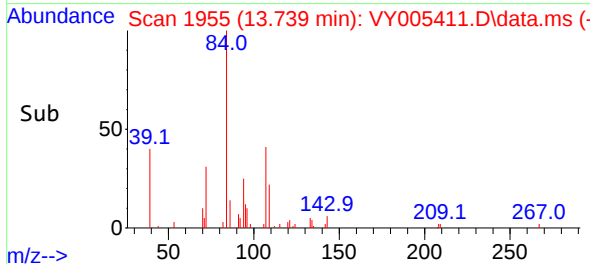
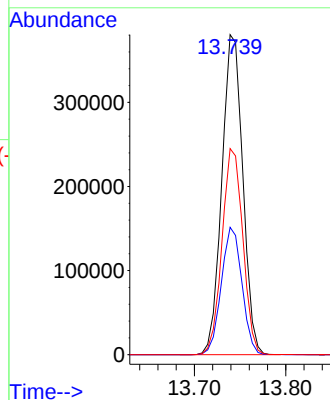
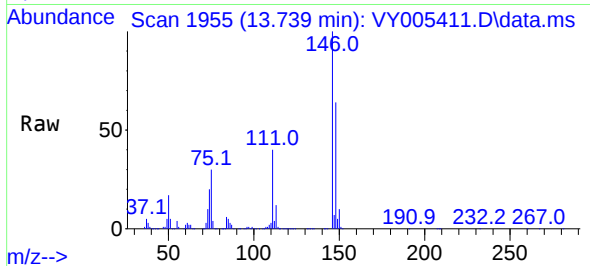
#91  
1,2-Dichlorobenzene  
Concen: 101.371 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

Tgt Ion:146 Resp: 606341  
Ion Ratio Lower Upper  
146 100  
111 39.2 19.6 58.7  
148 64.1 31.7 95.1

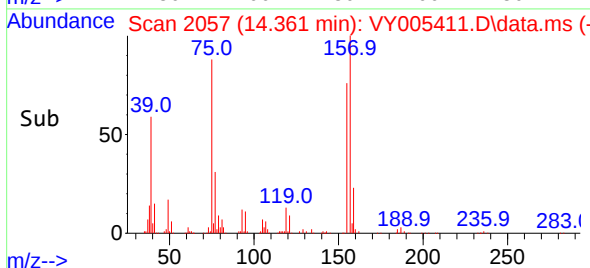
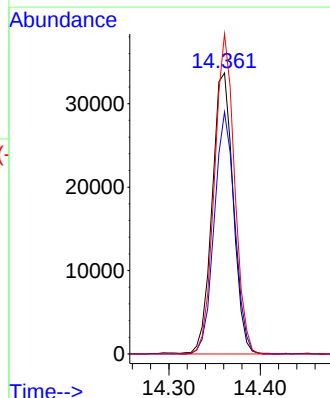
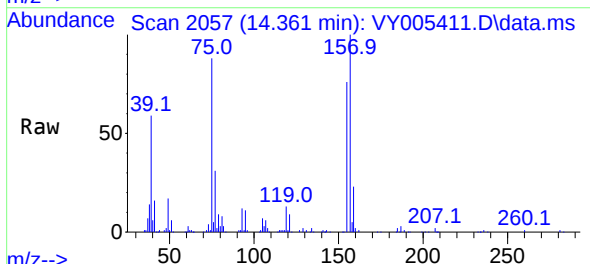
Manual Integrations  
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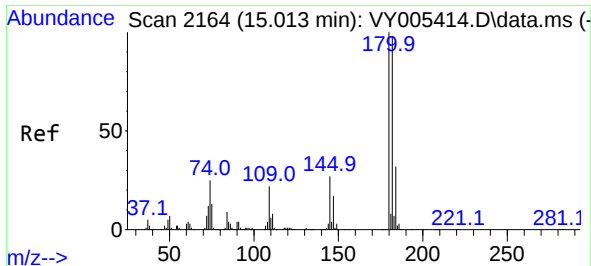
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 104.293 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

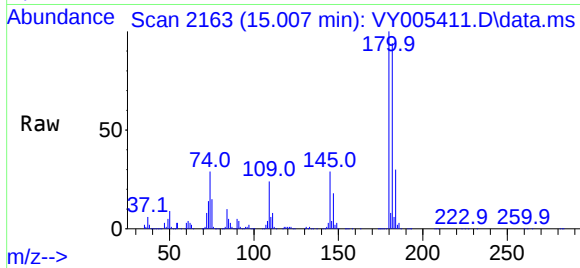
Tgt Ion: 75 Resp: 53853  
Ion Ratio Lower Upper  
75 100  
155 83.8 43.6 130.8  
157 108.7 54.1 162.3





#93  
1,2,4-Trichlorobenzene  
Concen: 104.605 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

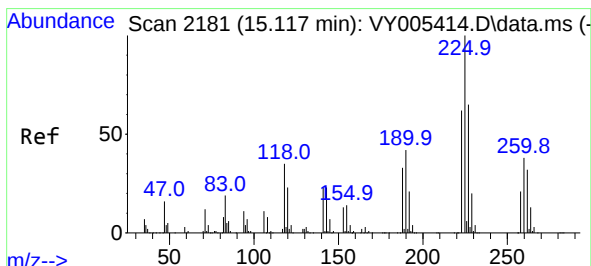
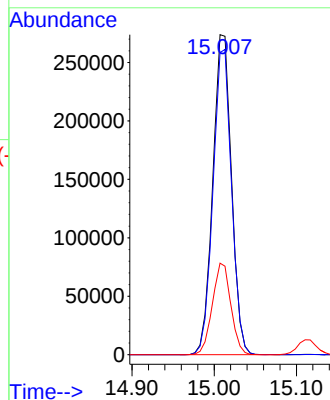
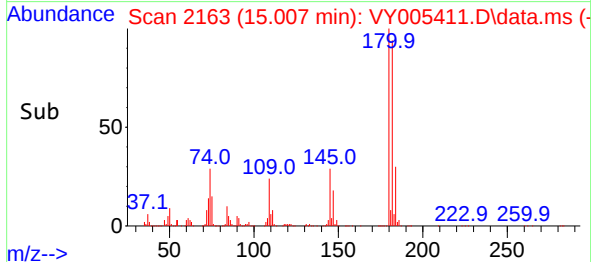
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100



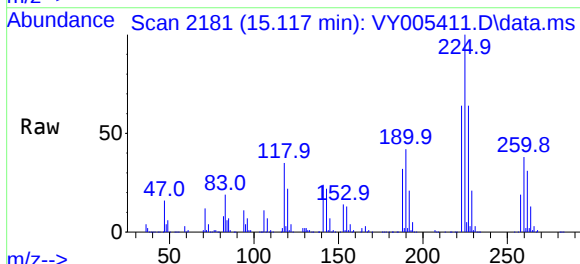
Tgt Ion:180 Resp: 431702  
Ion Ratio Lower Upper  
180 100  
182 94.8 48.0 144.0  
145 28.4 14.0 41.9

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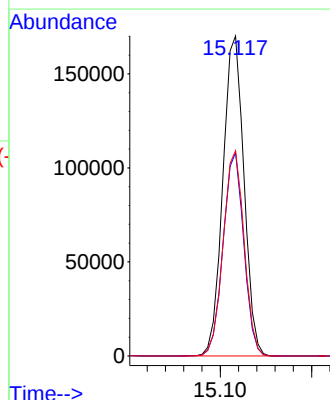
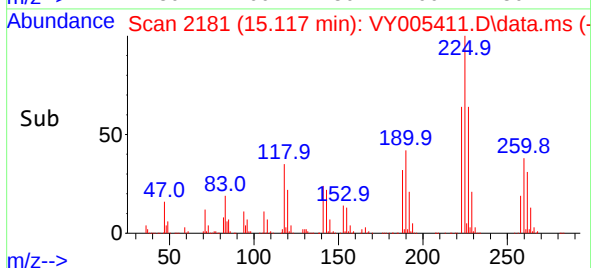
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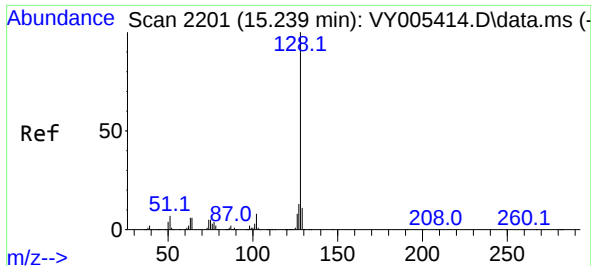


#94  
Hexachlorobutadiene  
Concen: 104.174 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03

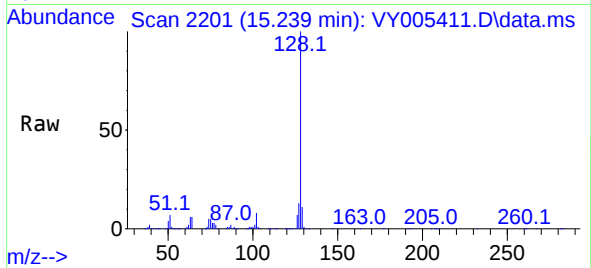


Tgt Ion:225 Resp: 272475  
Ion Ratio Lower Upper  
225 100  
223 62.4 31.8 95.4  
227 63.7 32.1 96.3

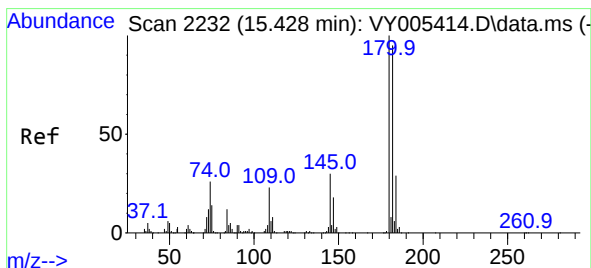
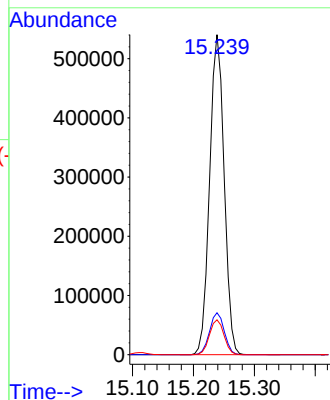
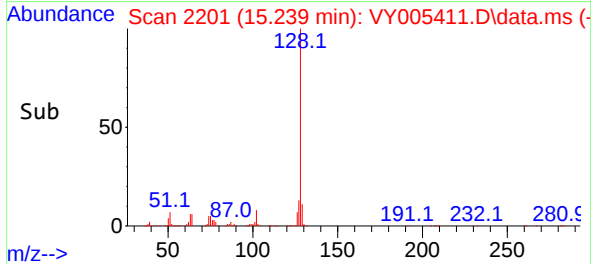




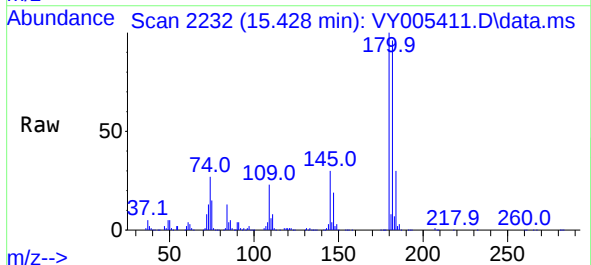
#95  
Naphthalene  
Concen: 107.636 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03



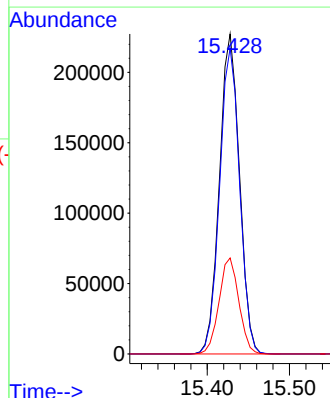
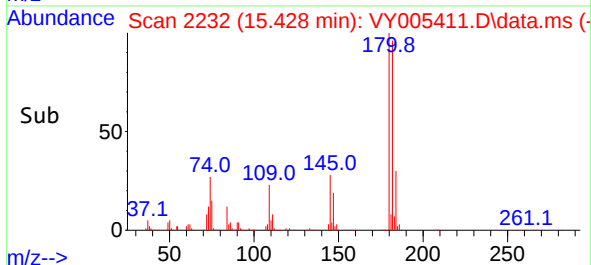
Tgt Ion:128 Resp: 893570  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.7 16.1  
129 11.0 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 103.316 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY005411.D  
Acq: 22 Jul 2021 12:03



Tgt Ion:180 Resp: 384324  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.3 141.9  
145 29.8 14.9 44.5



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC100

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