

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040821\  
 Data File : VY004325.D  
 Acq On : 08 Apr 2021 10:28  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/9/2021 9:58:49 AM

Quant Time: Apr 08 13:12:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 30 06:38:14 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc   | Units | Dev(Min) |
|------------------------------|----------------|------|------------|--------|-------|----------|
| -----                        |                |      |            |        |       |          |
| Internal Standards           |                |      |            |        |       |          |
| 1) Pentafluorobenzene        | 7.801          | 168  | 174777     | 50.00  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697          | 114  | 278875     | 50.00  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.496         | 117  | 247370     | 50.00  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 113954     | 50.00  | ug/l  | 0.00     |
|                              |                |      |            |        |       |          |
| System Monitoring Compounds  |                |      |            |        |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.149          | 65   | 83219      | 49.53  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 99.06% |       |          |
| 35) Dibromofluoromethane     | 7.728          | 113  | 71895      | 46.27  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 92.54% |       |          |
| 50) Toluene-d8               | 10.185         | 98   | 289954     | 49.61  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 99.22% |       |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 99030      | 49.44  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 98.88% |       |          |
|                              |                |      |            |        |       |          |
| Target Compounds             |                |      |            |        |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.912          | 85   | 72866      | 48.14  | ug/l  | 98       |
| 3) Chloromethane             | 2.119          | 50   | 106087     | 51.92  | ug/l  | 99       |
| 4) Vinyl Chloride            | 2.259          | 62   | 116888     | 51.33  | ug/l  | 98       |
| 5) Bromomethane              | 2.656          | 94   | 53858      | 43.00  | ug/l  | 94       |
| 6) Chloroethane              | 2.802          | 64   | 71395      | 48.36  | ug/l  | 99       |
| 7) Trichlorofluoromethane    | 3.131          | 101  | 145904     | 49.30  | ug/l  | 97       |
| 8) Diethyl Ether             | 3.540          | 74   | 49617      | 52.25  | ug/l  | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 3.912          | 101  | 83295      | 51.70  | ug/l  | 98       |
| 10) Methyl Iodide            | 4.101          | 142  | 92530      | 49.70  | ug/l  | 100      |
| 11) Tert butyl alcohol       | 4.978          | 59   | 41964      | 306.93 | ug/l  | 97       |
| 12) 1,1-Dichloroethene       | 3.881          | 96   | 80535      | 50.94  | ug/l  | 91       |
| 13) Acrolein                 | 3.735          | 56   | 24553      | 220.34 | ug/l  | 98       |
| 14) Allyl chloride           | 4.491          | 41   | 155144     | 61.59  | ug/l  | 94       |
| 15) Acrylonitrile            | 5.174          | 53   | 132532     | 293.23 | ug/l  | 98       |
| 16) Acetone                  | 3.960          | 43   | 78707      | 224.85 | ug/l  | 97       |
| 17) Carbon Disulfide         | 4.204          | 76   | 234471     | 56.40  | ug/l  | 99       |
| 18) Methyl Acetate           | 4.491          | 43   | 67474      | 60.22  | ug/l  | 97       |
| 19) Methyl tert-butyl Ether  | 5.228          | 73   | 245999     | 52.68  | ug/l  | 97       |
| 20) Methylene Chloride       | 4.729          | 84   | 91814      | 53.71  | ug/l  | 97       |
| 21) trans-1,2-Dichloroethene | 5.228          | 96   | 93038      | 52.42  | ug/l  | 93       |
| 22) Diisopropyl ether        | 6.131          | 45   | 336790     | 60.88  | ug/l  | 96       |
| 23) Vinyl Acetate            | 6.070          | 43   | 1091362    | 293.28 | ug/l  | 97       |
| 24) 1,1-Dichloroethane       | 6.027          | 63   | 172077     | 57.09  | ug/l  | 99       |
| 25) 2-Butanone               | 6.996          | 43   | 161559     | 276.28 | ug/l  | 95       |
| 26) 2,2-Dichloropropane      | 6.990          | 77   | 158579     | 56.22  | ug/l  | 98       |
| 27) cis-1,2-Dichloroethene   | 6.996          | 96   | 104846     | 52.17  | ug/l  | 94       |
| 28) Bromochloromethane       | 7.344          | 49   | 72007      | 58.77  | ug/l  | 88       |
| 29) Tetrahydrofuran          | 7.356          | 42   | 122217     | 296.65 | ug/l  | 92       |
| 30) Chloroform               | 7.515          | 83   | 167975     | 52.38  | ug/l  | 100      |
| 31) Cyclohexane              | 7.789          | 56   | 164523     | 55.41  | ug/l  | 94       |
| 32) 1,1,1-Trichloroethane    | 7.710          | 97   | 150586     | 51.32  | ug/l  | 98       |
| 36) 1,1-Dichloropropene      | 7.923          | 75   | 135417     | 53.19  | ug/l  | 98       |
| 37) Ethyl Acetate            | 7.088          | 43   | 80993      | 54.23  | ug/l  | 98       |
| 38) Carbon Tetrachloride     | 7.911          | 117  | 123969     | 56.00  | ug/l  | 98       |
| 39) Methylcyclohexane        | 9.191          | 83   | 167223     | 53.05  | ug/l  | 97       |
| 40) Benzene                  | 8.167          | 78   | 386220     | 53.52  | ug/l  | 98       |

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

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 4/9/2021 9:58:49 AM

Quant Time: Apr 08 13:12:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 30 06:38:14 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.326  | 41   | 45169m   | 54.59   | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 117573   | 51.84   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.283  | 43   | 162364   | 57.42   | ug/l   | 97       |
| 44) Trichloroethene           | 8.947  | 130  | 105407   | 45.88   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 100729   | 56.48   | ug/l   | 97       |
| 46) Dibromomethane            | 9.307  | 93   | 52614    | 50.17   | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.502  | 83   | 132899   | 53.12   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.301  | 41   | 74246    | 57.81   | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 13156    | 1165.58 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 416898   | 289.38  | ug/l   | 97       |
| 52) Toluene                   | 10.246 | 92   | 243400   | 52.46   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 143146   | 53.66   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 161573   | 54.20   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 72919    | 50.76   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 106996   | 54.28   | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 130862   | 52.79   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 193915   | 229.95  | ug/l   | 95       |
| 59) 2-Hexanone                | 10.837 | 43   | 276412   | 279.08  | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.990 | 129  | 88012    | 51.10   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 70204    | 49.52   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 104933   | 43.11   | ug/l   | 99       |
| 65) Chlorobenzene             | 11.520 | 112  | 250642   | 50.81   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 90542    | 51.23   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 474100   | 52.92   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 355110   | 103.23  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 163593   | 50.83   | ug/l   | 98       |
| 70) Styrene                   | 12.050 | 104  | 278056   | 51.93   | ug/l   | 100      |
| 71) Bromoform                 | 12.209 | 173  | 51594    | 51.27   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 450531   | 54.12   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.148 | 43   | 145460   | 59.78   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 82972    | 53.84   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 61602m   | 59.53   | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 98605    | 50.59   | ug/l   | 92       |
| 78) n-propylbenzene           | 12.672 | 91   | 538882   | 55.95   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 291498   | 55.08   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.819 | 105  | 367525   | 54.12   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 32568    | 58.01   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 304362   | 54.65   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.081 | 119  | 319823   | 54.50   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 366106   | 53.74   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 446970   | 55.33   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 403407   | 53.68   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 186221   | 51.21   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 185518   | 51.64   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.703 | 91   | 390039   | 56.44   | ug/l   | 98       |
| 90) Hexachloroethane          | 13.965 | 117  | 56327    | 79.42   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 164323   | 50.34   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 13252    | 46.09   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 111848   | 48.21   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 58658    | 47.55   | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 230312   | 46.80   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 95029    | 44.83   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040821\  
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Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

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4/9/2021 9:58:49 AM

Quant Time: Apr 08 13:12:35 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 30 06:38:14 2021  
Response via : Initial Calibration

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

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

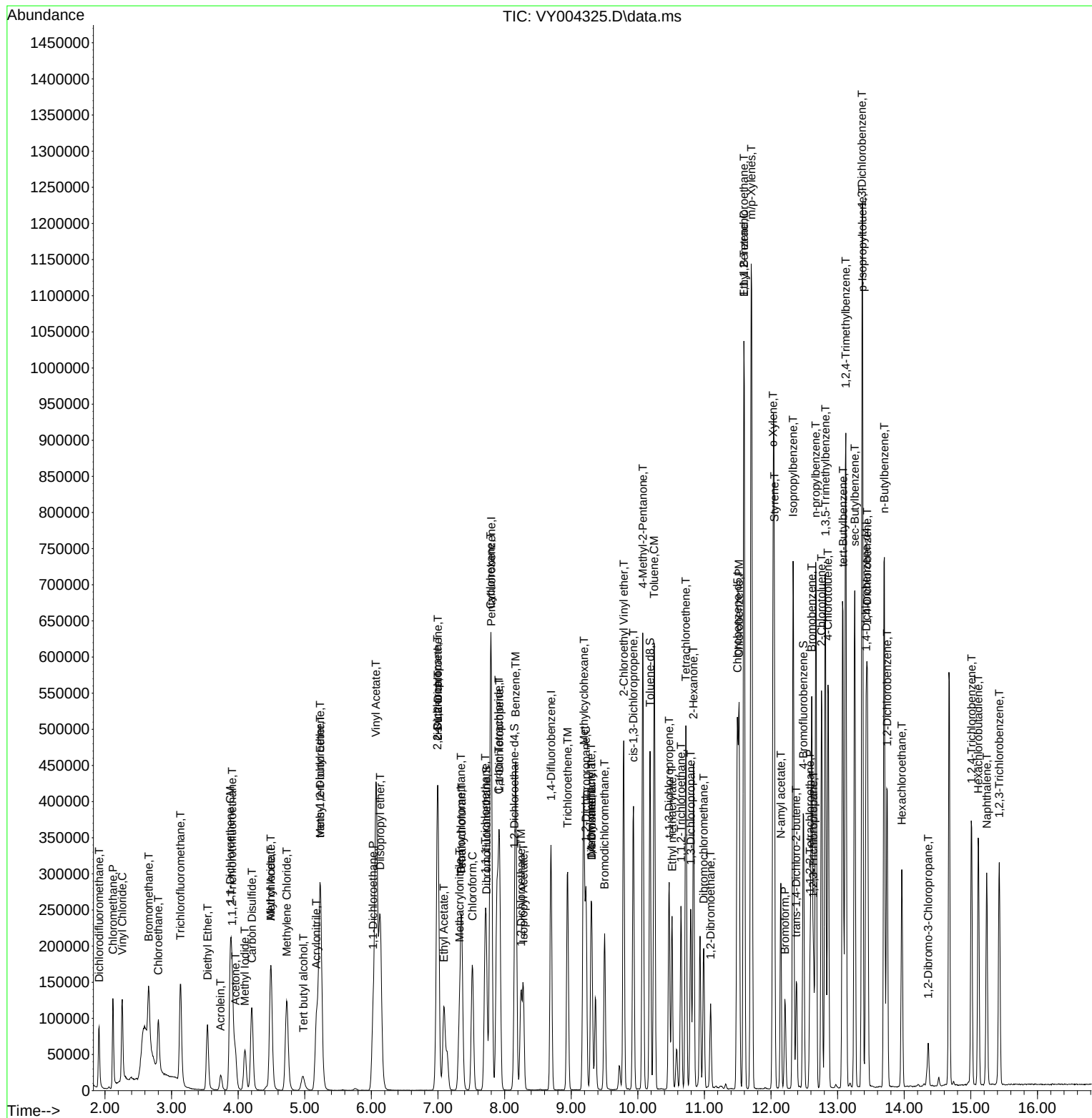
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 Data File : VY004325.D  
 Acq On : 08 Apr 2021 10:28  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

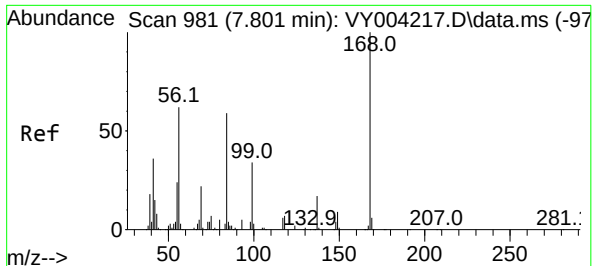
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

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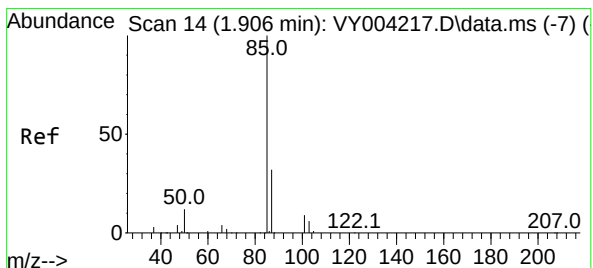
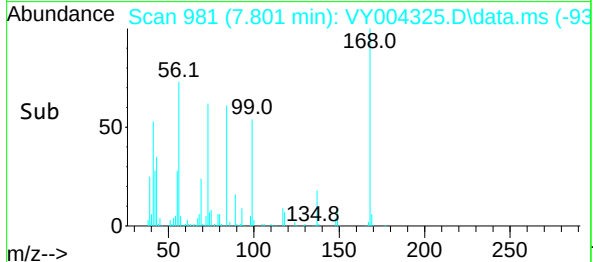
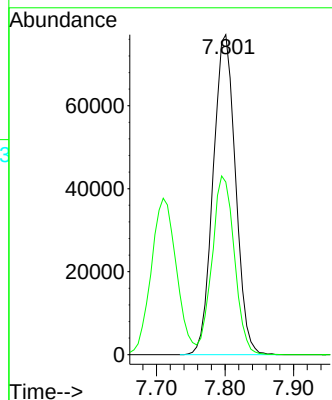
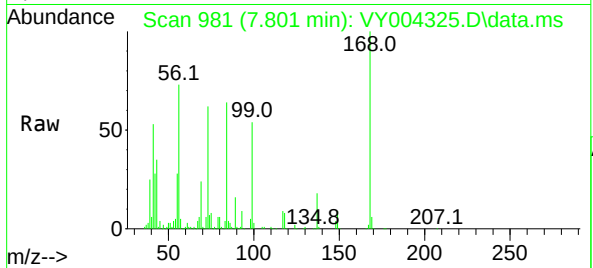
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 30 06:38:14 2021  
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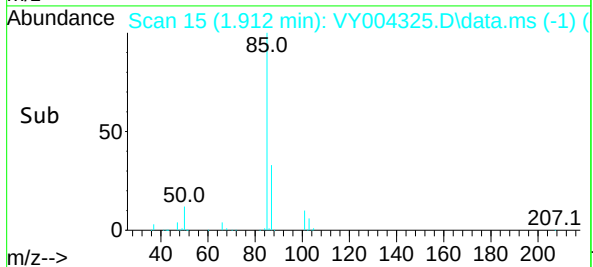
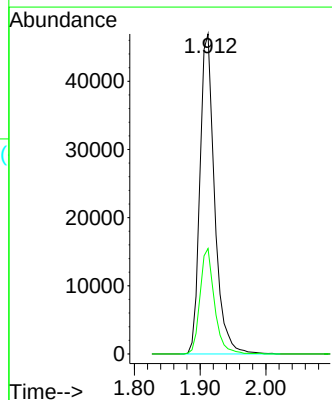
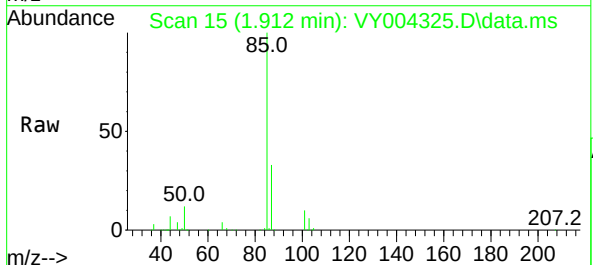
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Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 168 Resp: 174777  
Ion Ratio Lower Upper  
168 100  
99 53.9 42.6 64.0



#2  
Dichlorodifluoromethane  
Concen: 48.14 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

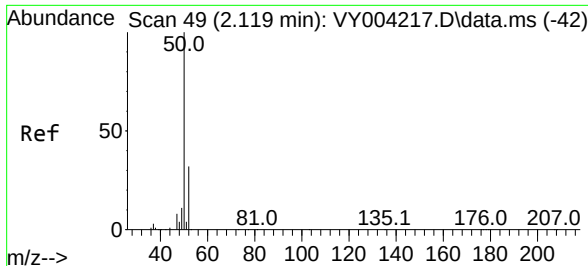
Tgt Ion: 85 Resp: 72866  
Ion Ratio Lower Upper  
85 100  
87 32.9 15.8 47.4



Instrument :  
MSVOA\_Y  
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VSTDCCC050

Manual Integrations  
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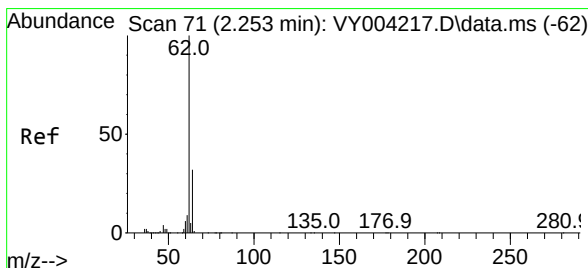
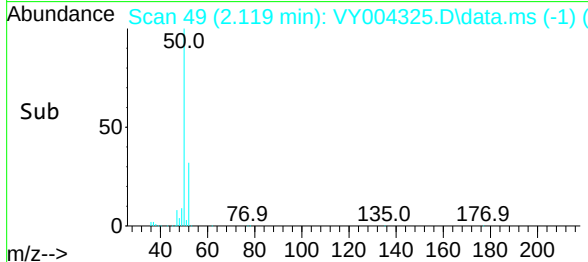
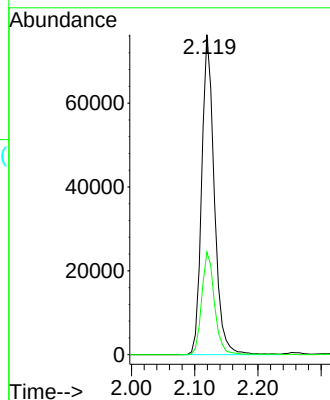
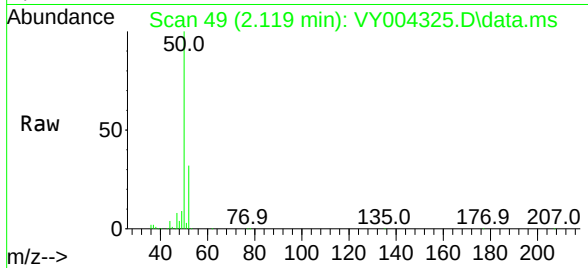
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Chloromethane  
Concen: 51.92 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 50 Resp: 106087  
Ion Ratio Lower Upper  
50 100  
52 32.1 25.9 38.9

Instrument :  
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VSTDCCC050

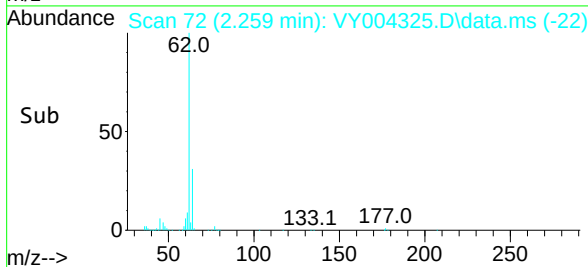
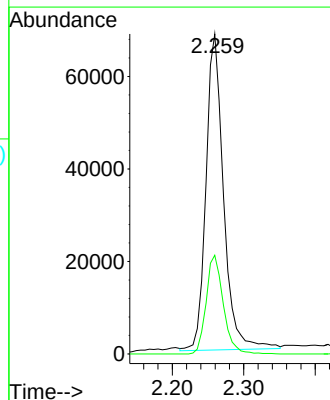
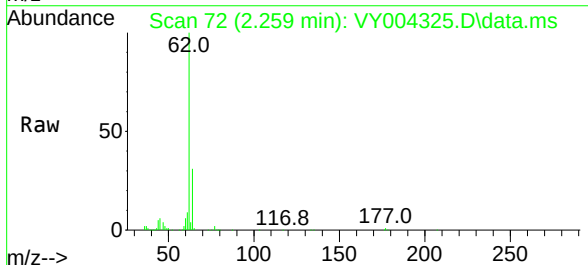
Manual Integrations  
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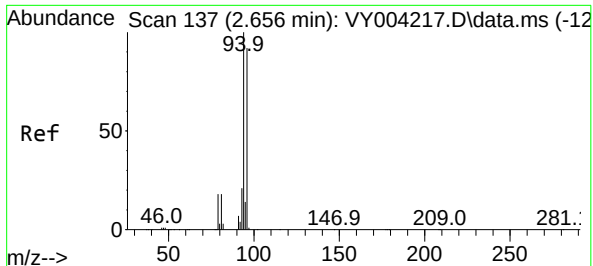
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4/9/2021 9:58:49 AM



#4  
Vinyl Chloride  
Concen: 51.33 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 62 Resp: 116888  
Ion Ratio Lower Upper  
62 100  
64 31.4 26.0 39.0





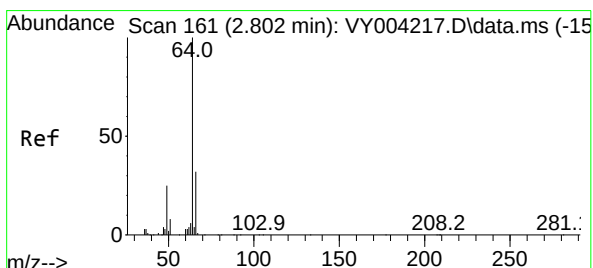
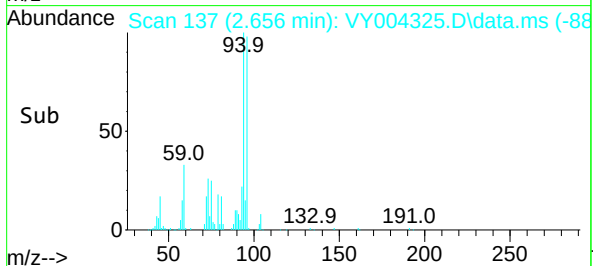
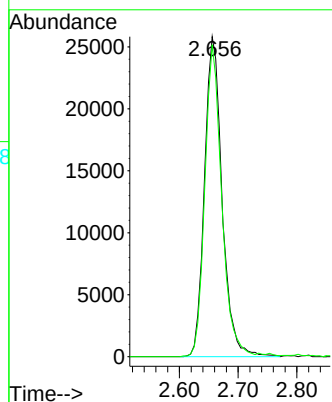
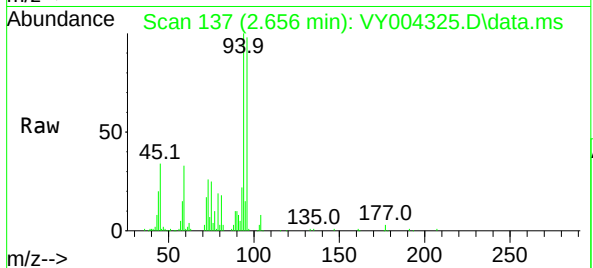
#5  
Bromomethane  
Concen: 43.00 ug/l  
RT: 2.656 min Scan# 137  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 94 Resp: 53858  
Ion Ratio Lower Upper  
94 100  
96 97.5 73.8 110.6

Instrument :  
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VSTDCCC050

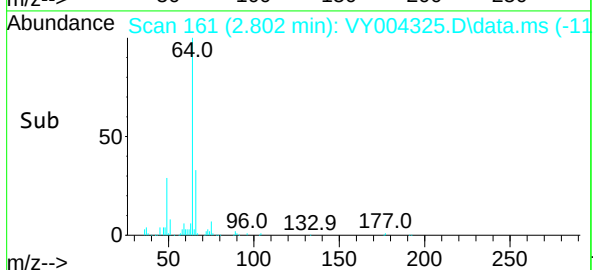
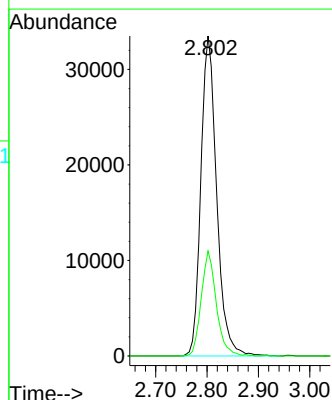
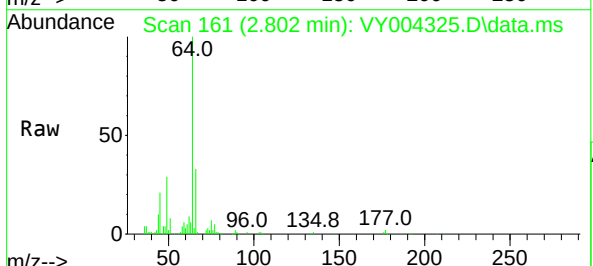
Manual Integrations  
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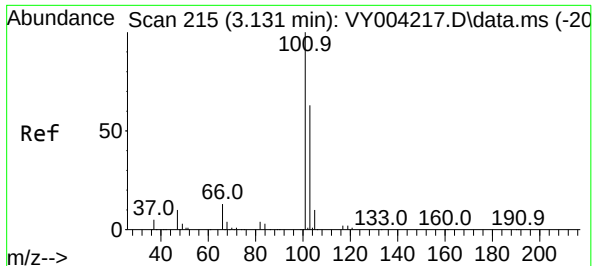
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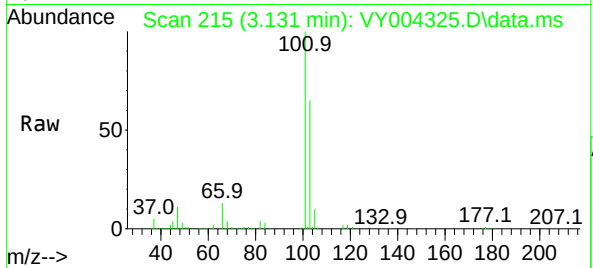
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Chloroethane  
Concen: 48.36 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 64 Resp: 71395  
Ion Ratio Lower Upper  
64 100  
66 32.8 25.8 38.8

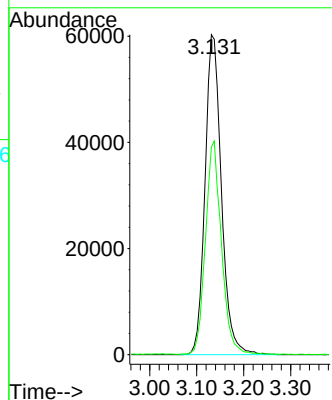




#7  
Trichlorofluoromethane  
Concen: 49.30 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



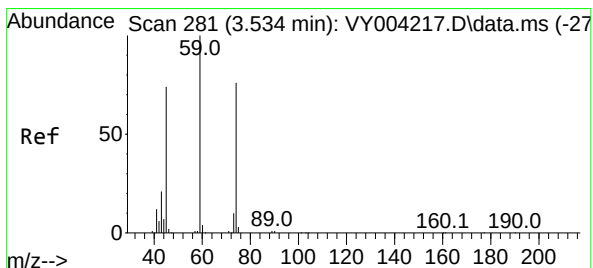
Tgt Ion:101 Resp: 145904  
Ion Ratio Lower Upper  
101 100  
103 64.8 50.2 75.2



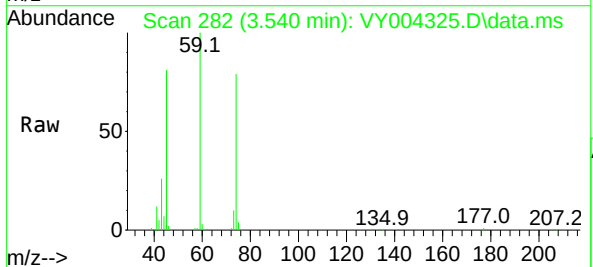
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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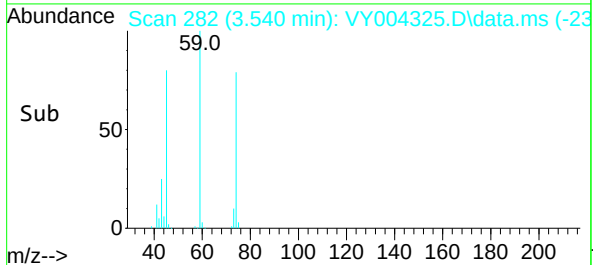
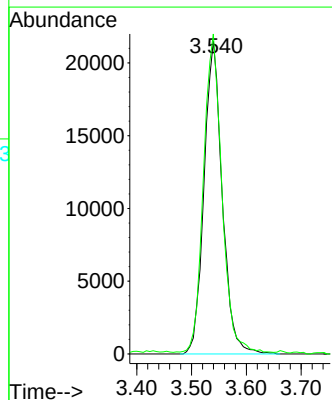
MMDadoda  
4/9/2021 9:58:49 AM



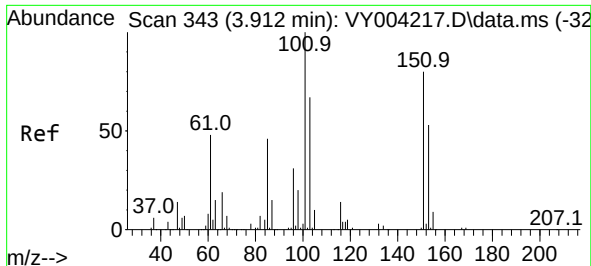
#8  
Diethyl Ether  
Concen: 52.25 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. 0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



Tgt Ion: 74 Resp: 49617  
Ion Ratio Lower Upper  
74 100  
45 102.1 48.1 144.3

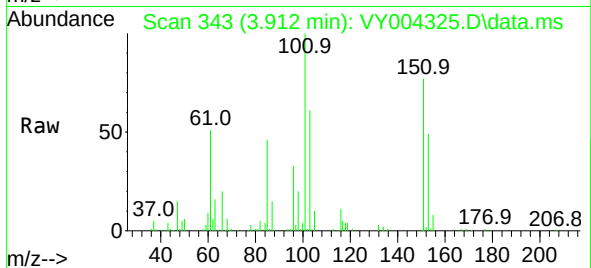






#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.70 ug/l  
RT: 3.912 min Scan# 343  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

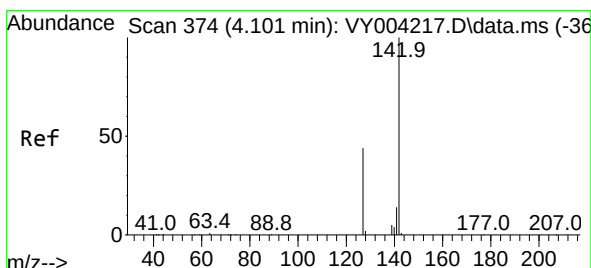
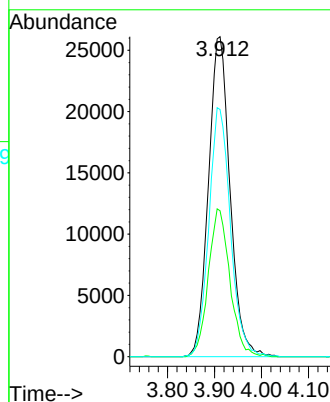
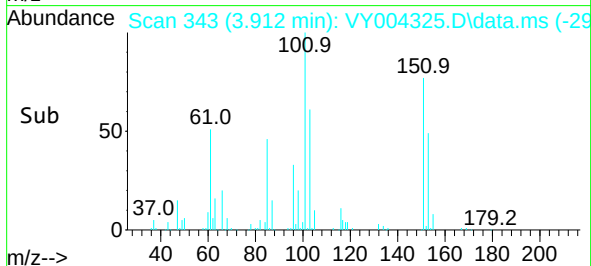
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



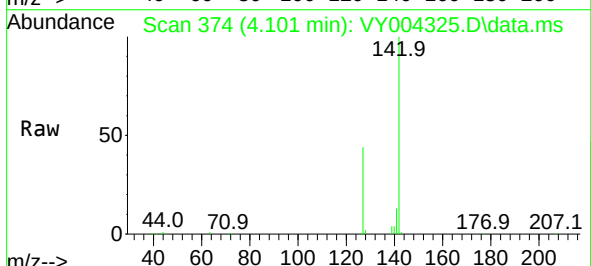
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 46.2  | 37.2  | 55.8  |
| 151     | 78.2  | 64.2  | 96.2  |

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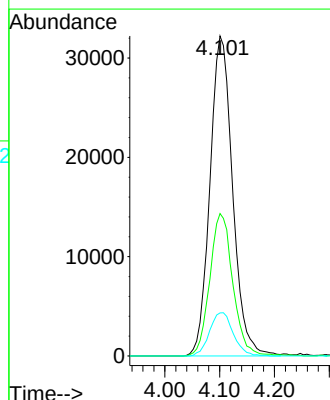
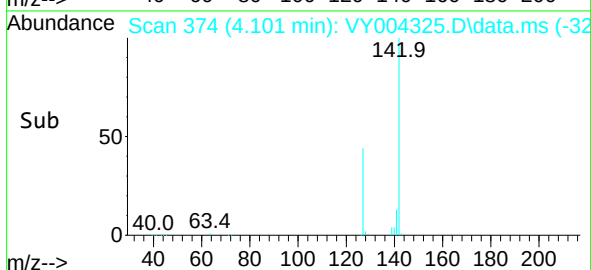
MMDadoda  
4/9/2021 9:58:49 AM

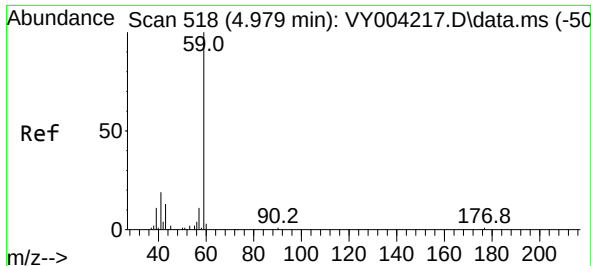


#10  
Methyl Iodide  
Concen: 49.70 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 45.3  | 36.0  | 54.0  |
| 141     | 14.2  | 11.3  | 16.9  |





#11

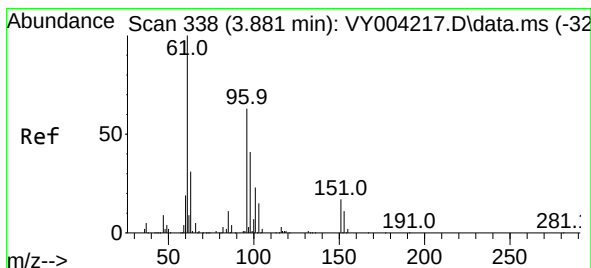
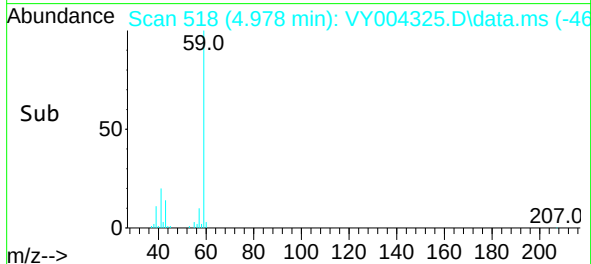
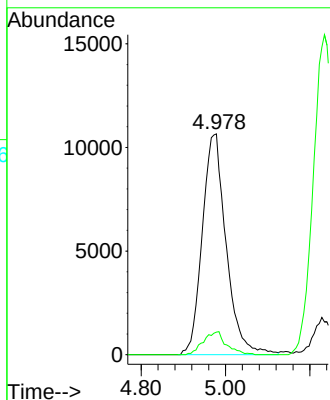
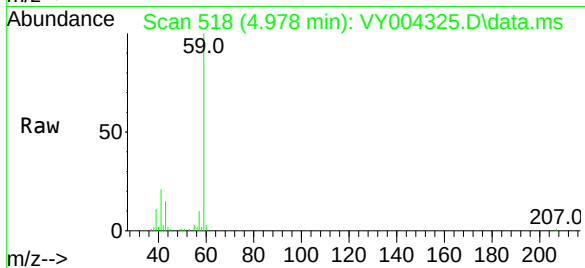
Tert butyl alcohol  
Concen: 306.93 ug/l  
RT: 4.978 min Scan# 518  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 59 Resp: 41964  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.9 13.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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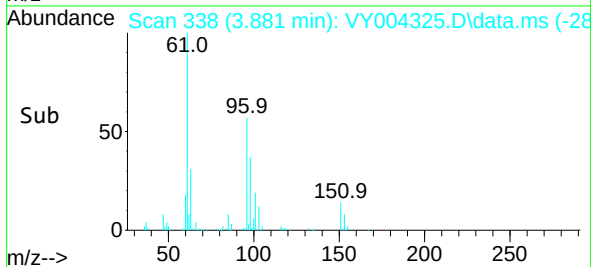
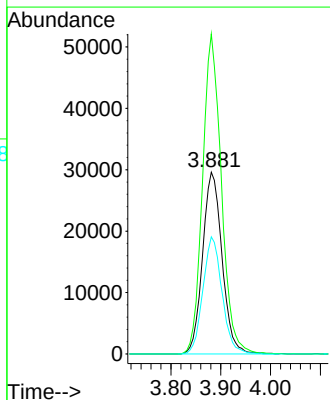
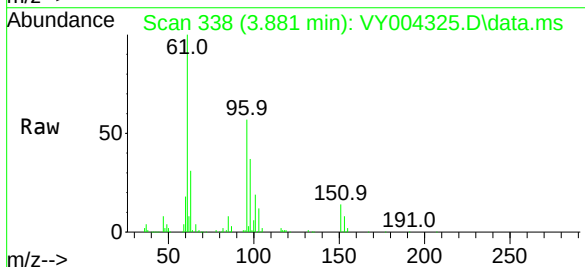
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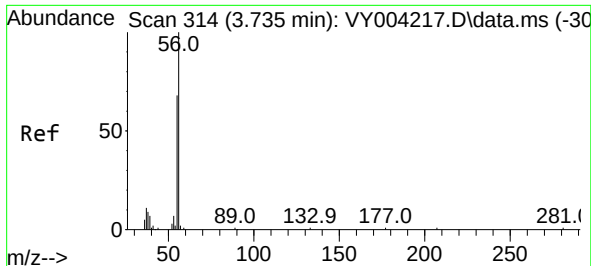


#12

1,1-Dichloroethene  
Concen: 50.94 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

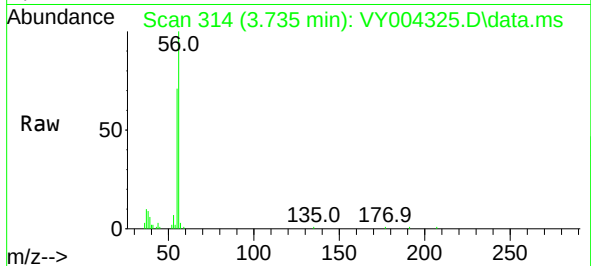
Tgt Ion: 96 Resp: 80535  
Ion Ratio Lower Upper  
96 100  
61 176.0 127.2 190.8  
98 64.4 51.8 77.8



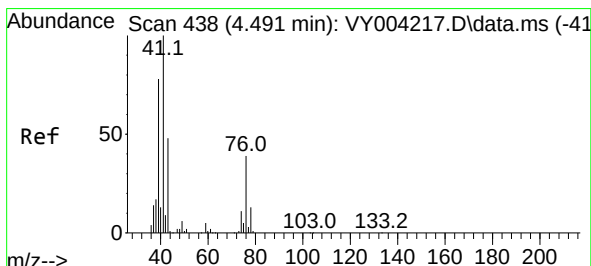
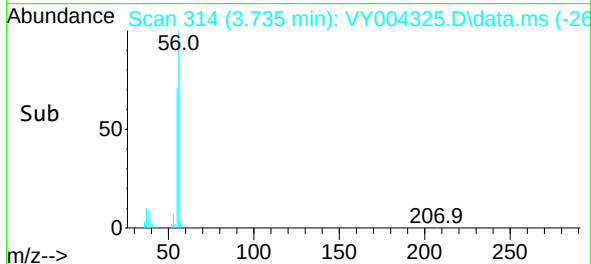
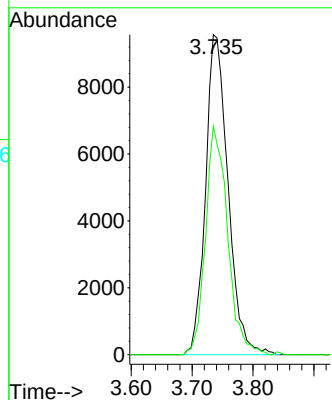


#13  
Acrolein  
Concen: 220.34 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

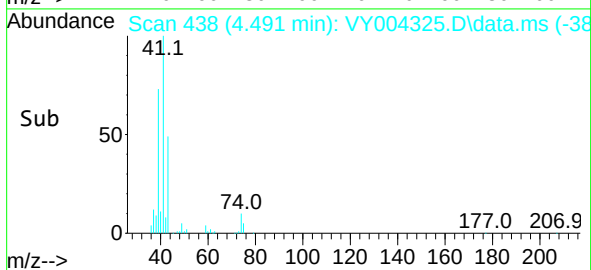
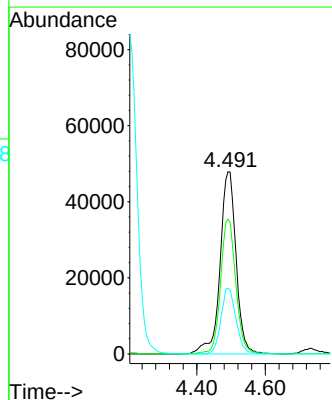
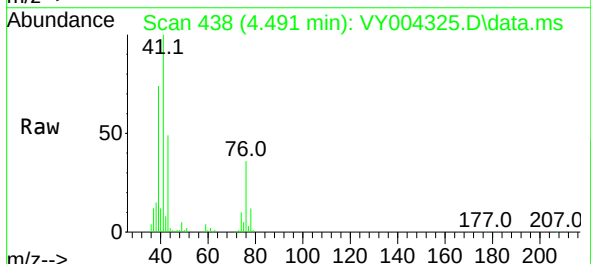


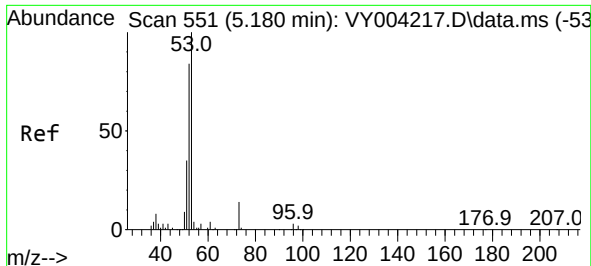
Tgt Ion: 56 Resp: 24553  
Ion Ratio Lower Upper  
56 100  
55 70.0 55.0 82.4



#14  
Allyl chloride  
Concen: 61.59 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

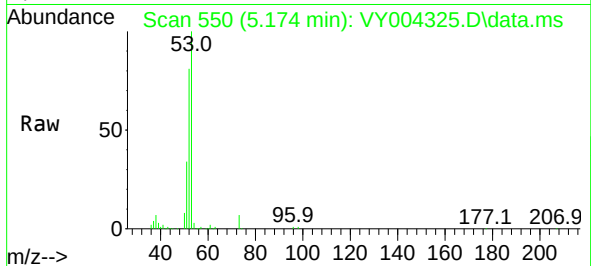
Tgt Ion: 41 Resp: 155144  
Ion Ratio Lower Upper  
41 100  
39 70.3 60.2 90.4  
76 33.6 30.3 45.5





#15  
Acrylonitrile  
Concen: 293.23 ug/l  
RT: 5.174 min Scan# 550  
Delta R.T. -0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

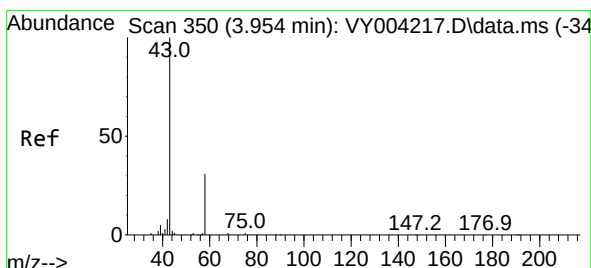
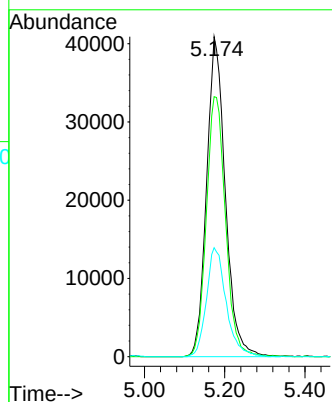
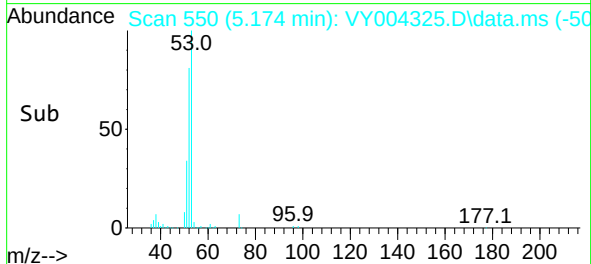
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



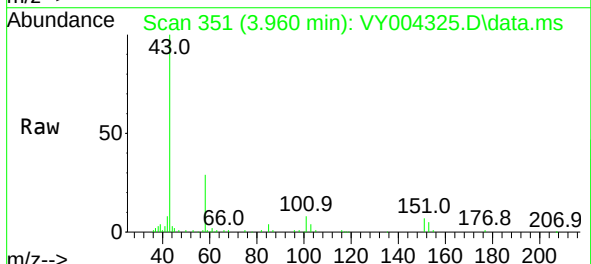
Tgt Ion: 53 Resp: 132532  
Ion Ratio Lower Upper  
53 100  
52 83.2 65.3 97.9  
51 36.0 29.8 44.8

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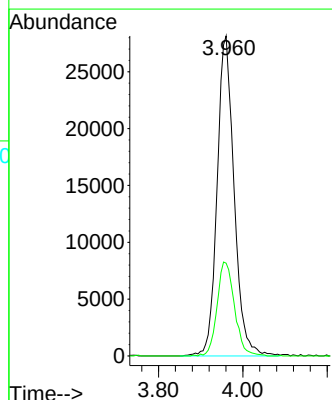
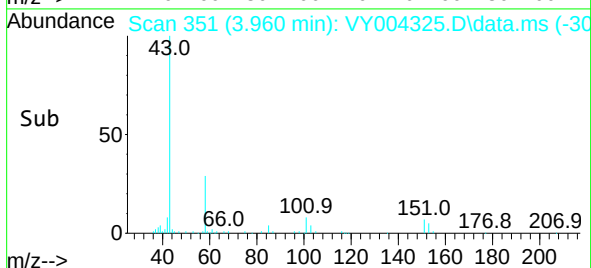
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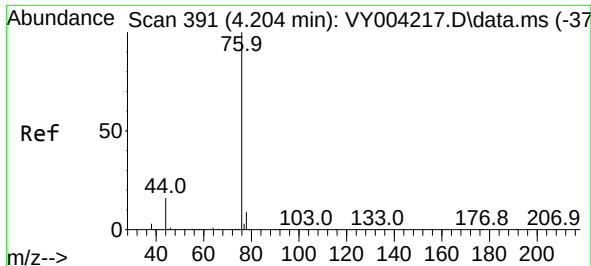


#16  
Acetone  
Concen: 224.85 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



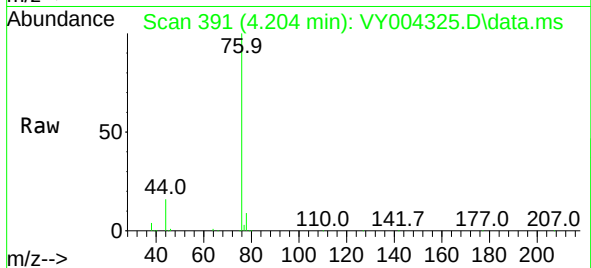
Tgt Ion: 43 Resp: 78707  
Ion Ratio Lower Upper  
43 100  
58 29.0 24.5 36.7



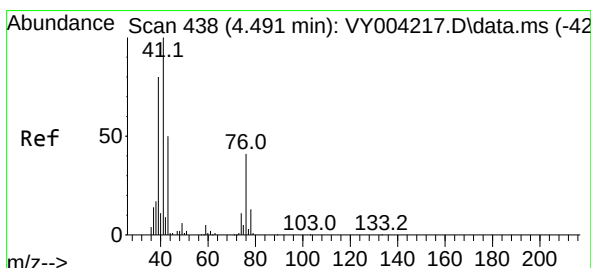
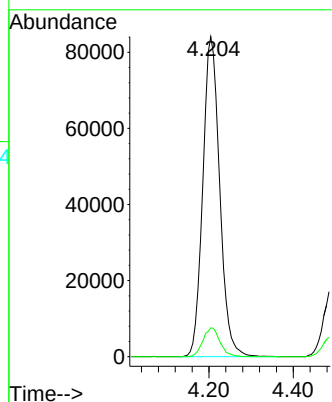
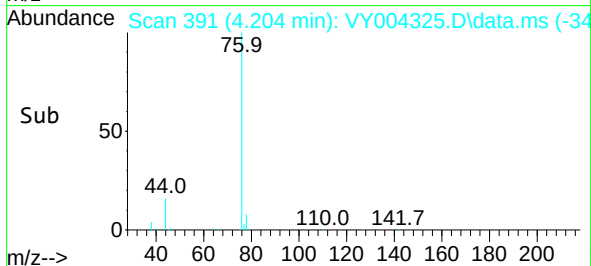


#17  
Carbon Disulfide  
Concen: 56.40 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

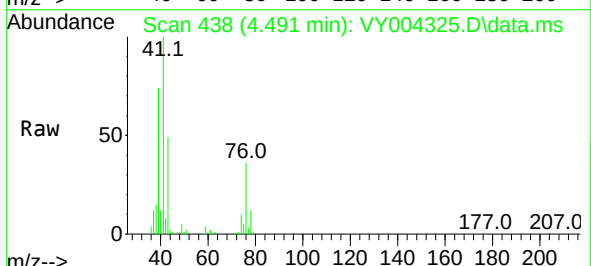
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



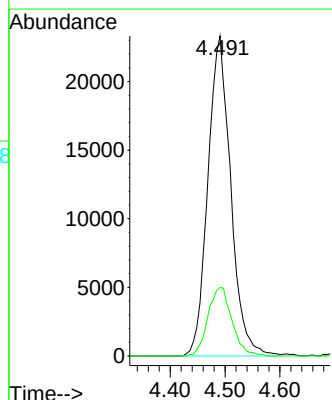
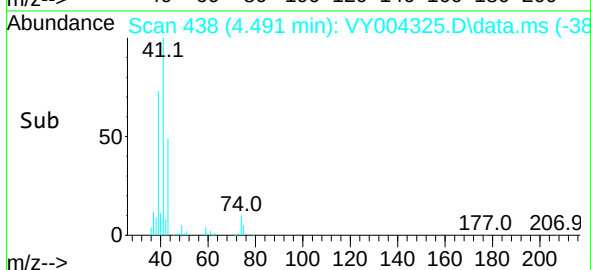
Tgt Ion: 76 Resp: 234471  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.2

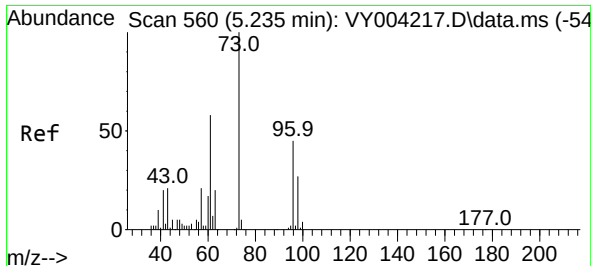


#18  
Methyl Acetate  
Concen: 60.22 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

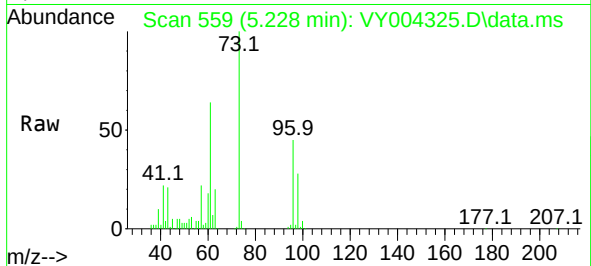


Tgt Ion: 43 Resp: 67474  
Ion Ratio Lower Upper  
43 100  
74 22.4 19.1 28.7

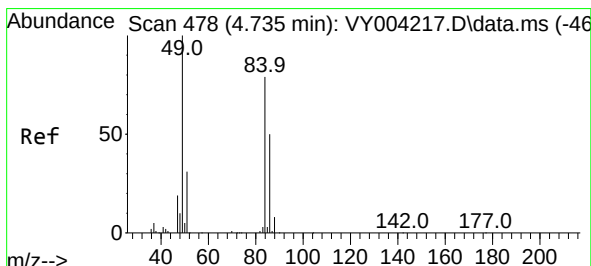
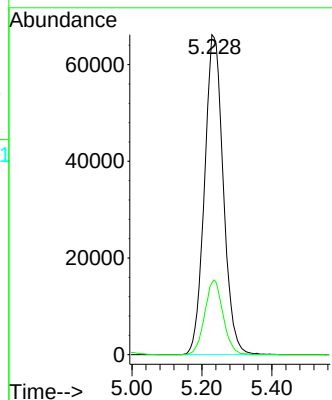
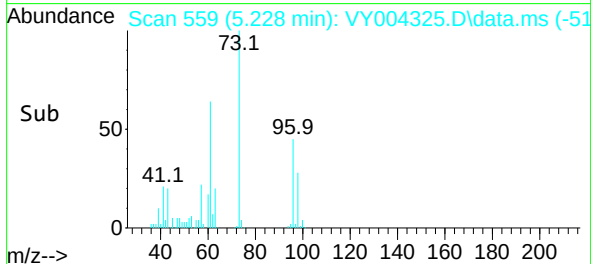




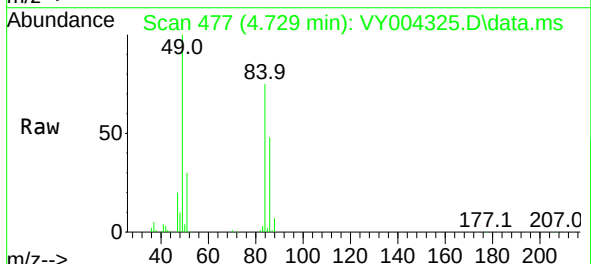
#19  
Methyl tert-butyl Ether  
Concen: 52.68 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



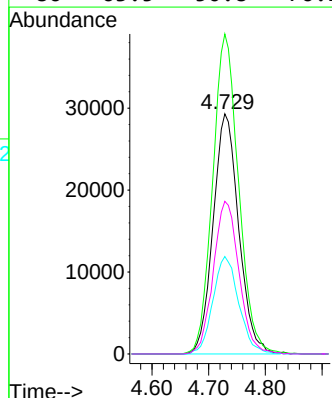
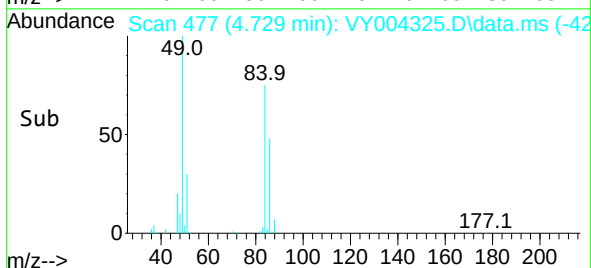
Tgt Ion: 73 Resp: 245999  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.0 25.4



#20  
Methylene Chloride  
Concen: 53.71 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. -0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



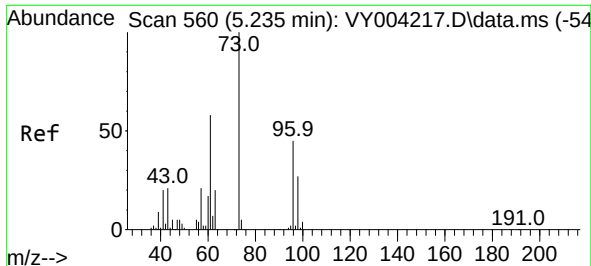
Tgt Ion: 84 Resp: 91814  
Ion Ratio Lower Upper  
84 100  
49 133.2 101.5 152.3  
51 40.6 31.5 47.3  
86 63.5 50.8 76.2



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

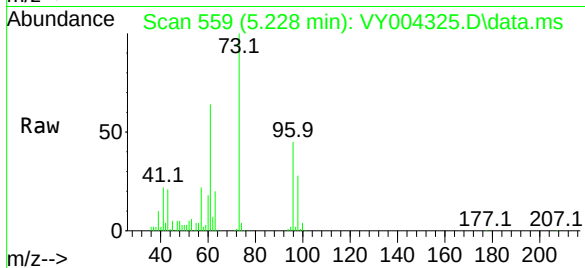
Manual Integrations  
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#21  
trans-1,2-Dichloroethene  
Concen: 52.42 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

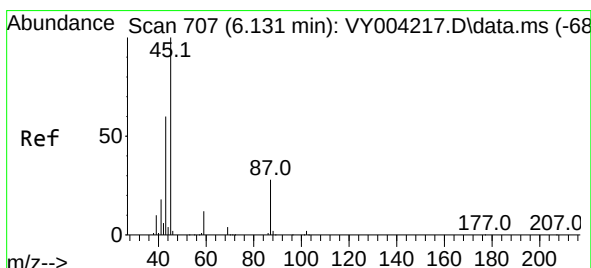
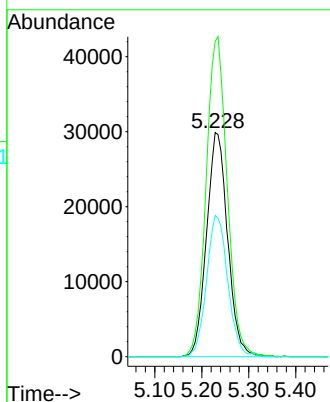
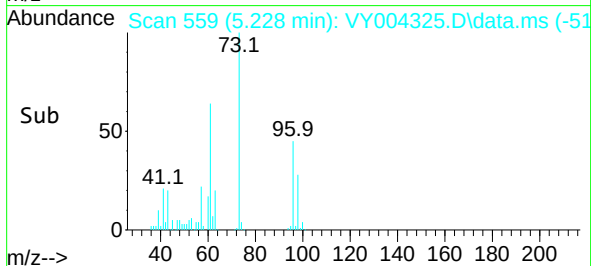
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



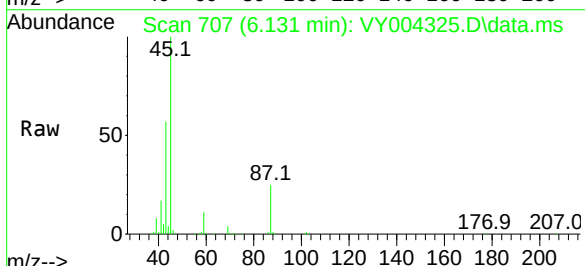
Tgt Ion: 96 Resp: 93038  
Ion Ratio Lower Upper  
96 100  
61 140.7 103.4 155.0  
98 63.0 49.3 73.9

Manual Integrations  
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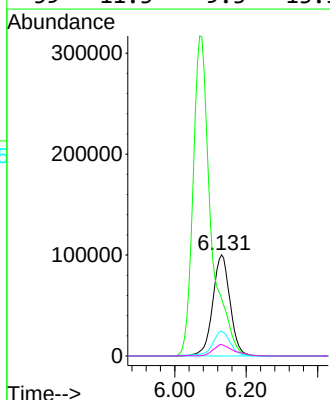
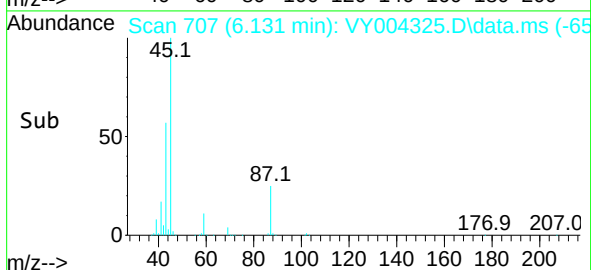
MMDadoda  
4/9/2021 9:58:49 AM

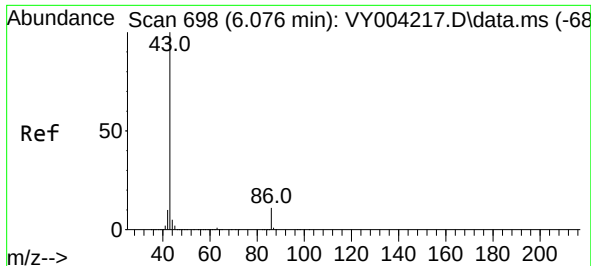


#22  
Diisopropyl ether  
Concen: 60.88 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



Tgt Ion: 45 Resp: 336790  
Ion Ratio Lower Upper  
45 100  
43 56.8 47.7 71.5  
87 24.5 22.7 34.1  
59 11.3 9.3 13.9





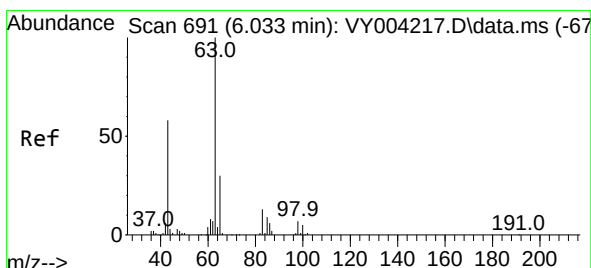
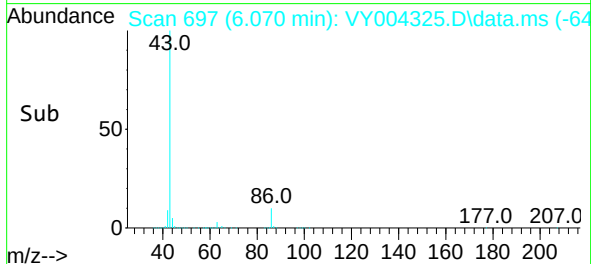
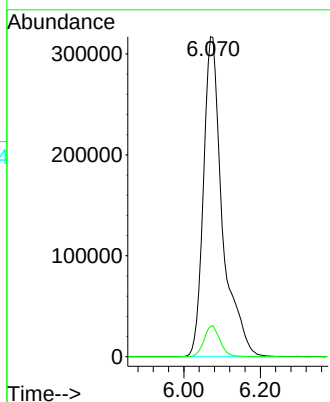
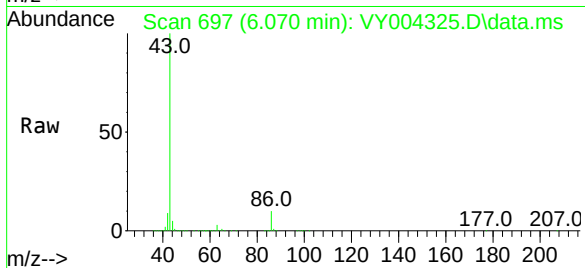
#23  
 Vinyl Acetate  
 Concen: 293.28 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. -0.006 min  
 Lab File: VY004325.D  
 Acq: 08 Apr 2021 10:28

Tgt Ion: 43 Resp: 1091362  
 Ion Ratio Lower Upper  
 43 100  
 86 9.5 8.5 12.7

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

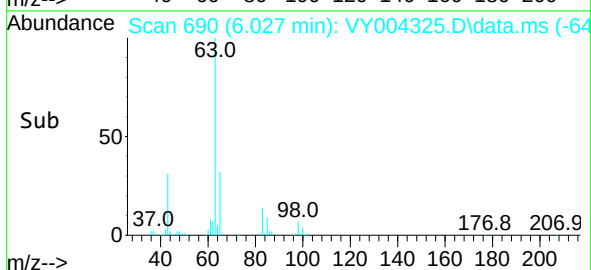
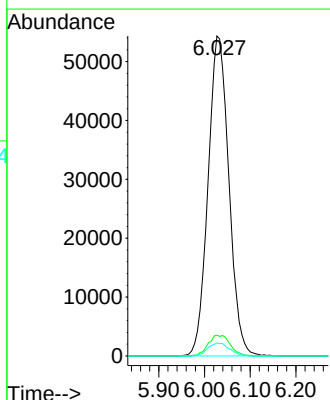
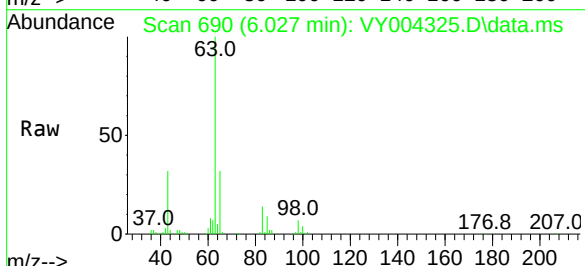
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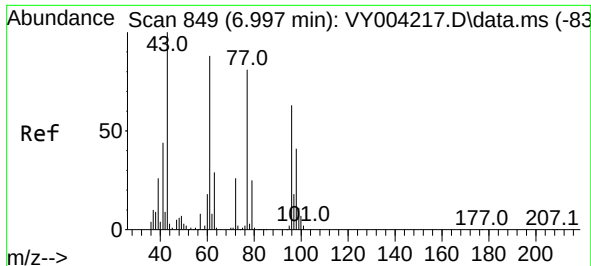


#24  
 1,1-Dichloroethane  
 Concen: 57.09 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. -0.006 min  
 Lab File: VY004325.D  
 Acq: 08 Apr 2021 10:28

Tgt Ion: 63 Resp: 172077  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.5 10.4  
 100 4.1 2.3 6.9







#25

2-Butanone

Concen: 276.28 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY004325.D

Acq: 08 Apr 2021 10:28

Tgt Ion: 43 Resp: 161559

Ion Ratio Lower Upper

43 100

72 23.9 21.0 31.6

Instrument :

MSVOA\_Y

ClientSampleId :

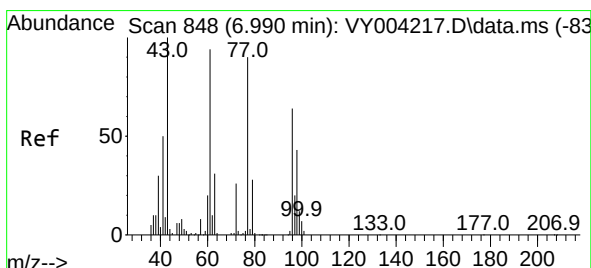
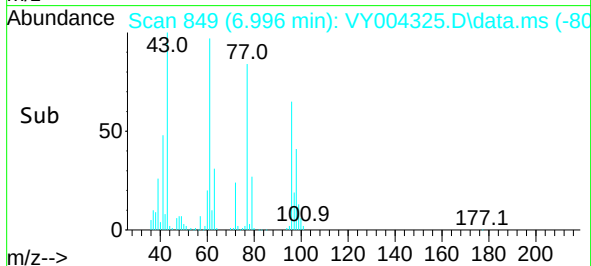
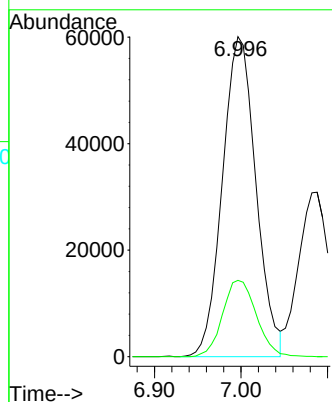
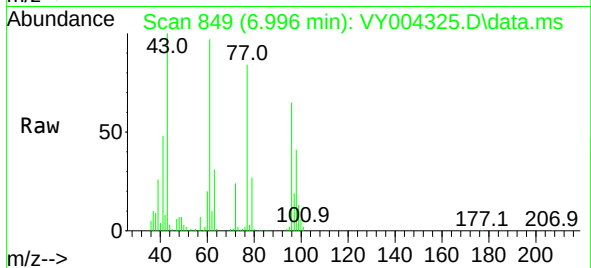
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#26

2,2-Dichloropropane

Concen: 56.22 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY004325.D

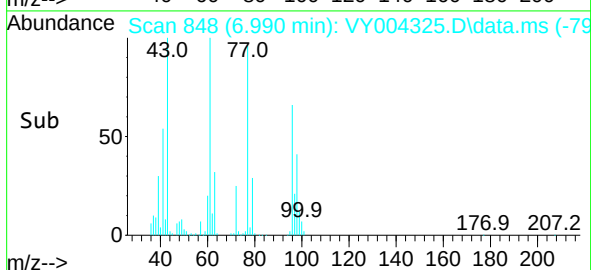
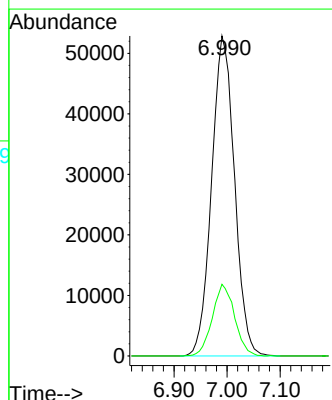
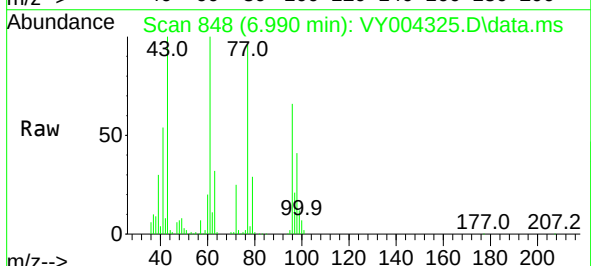
Acq: 08 Apr 2021 10:28

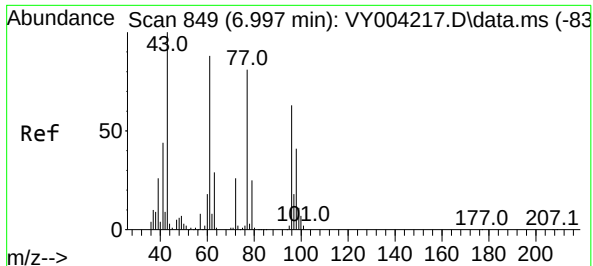
Tgt Ion: 77 Resp: 158579

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.8

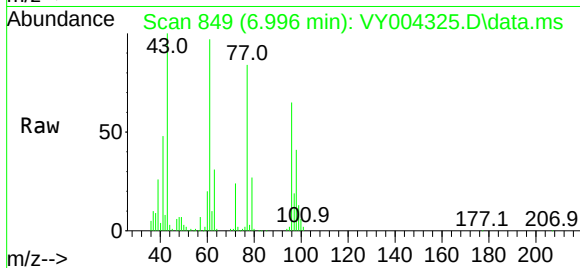




#27

cis-1,2-Dichloroethene  
Concen: 52.17 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

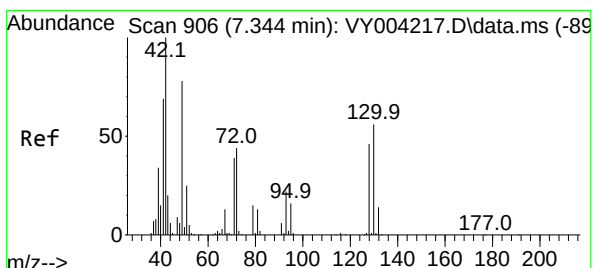
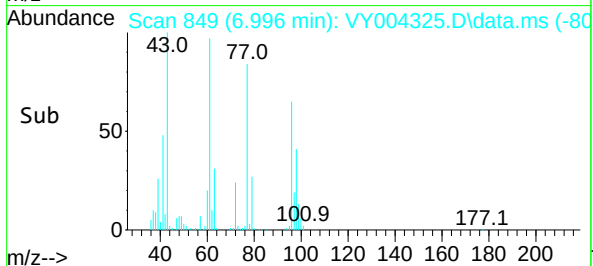
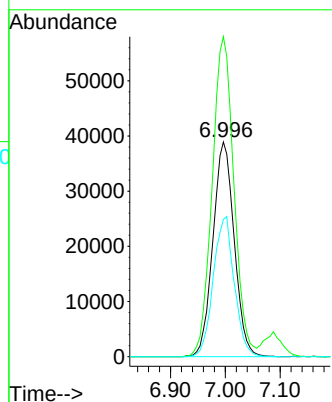
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



| Tgt Ion: | 96    | Resp: | 104846 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 152.2 | 0.0   | 283.2  |
| 98       | 64.4  | 0.0   | 128.2  |

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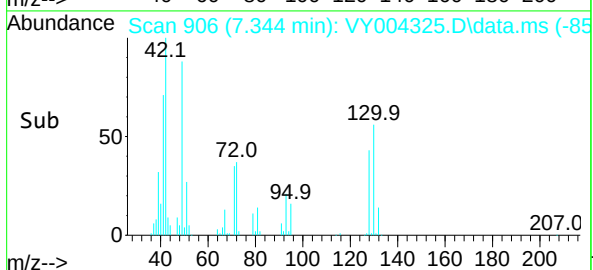
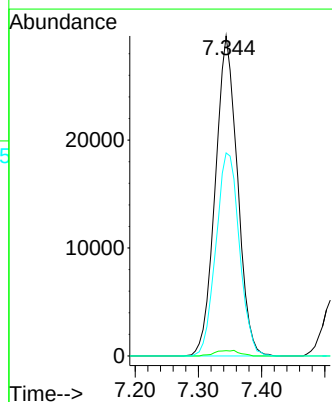
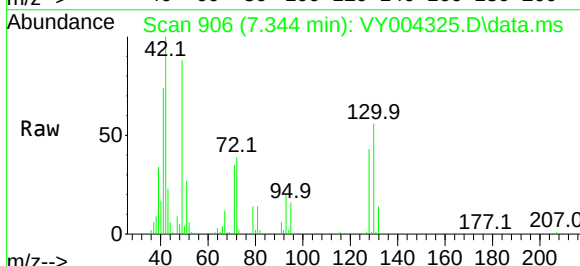
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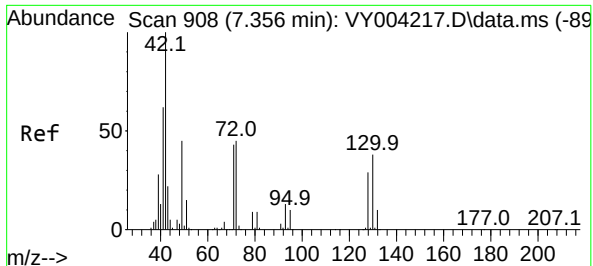


#28

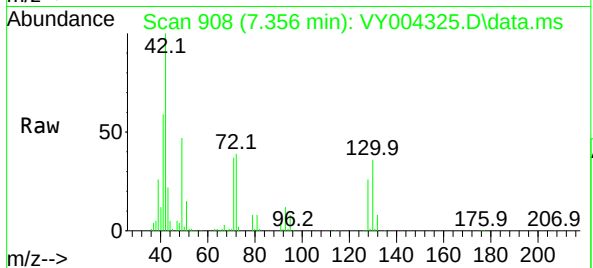
Bromochloromethane  
Concen: 58.77 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

| Tgt Ion: | 49    | Resp: | 72007 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.9   | 0.0   | 4.2   |
| 130      | 67.2  | 62.5  | 93.7  |

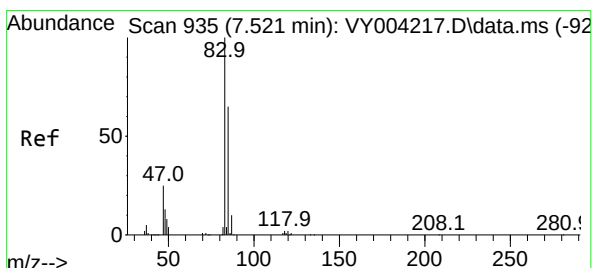
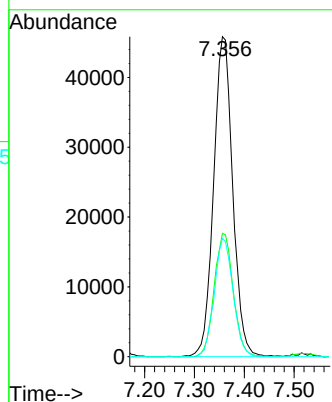
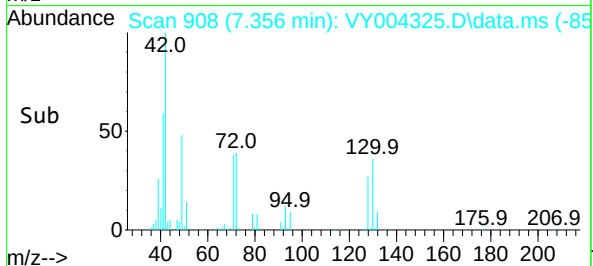




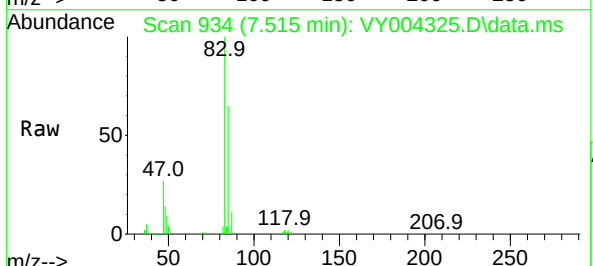
#29  
Tetrahydrofuran  
Concen: 296.65 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



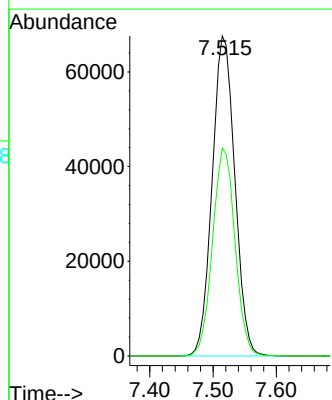
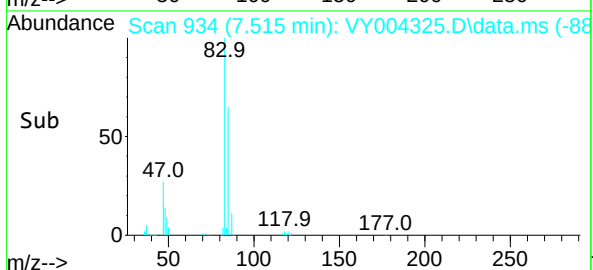
Tgt Ion: 42 Resp: 122217  
Ion Ratio Lower Upper  
42 100  
72 38.4 35.1 52.7  
71 36.3 32.9 49.3



#30  
Chloroform  
Concen: 52.38 ug/l  
RT: 7.515 min Scan# 934  
Delta R.T. -0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



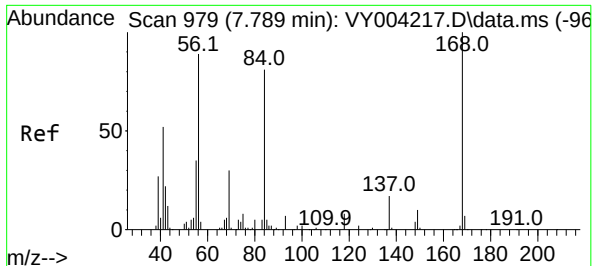
Tgt Ion: 83 Resp: 167975  
Ion Ratio Lower Upper  
83 100  
85 65.0 51.7 77.5



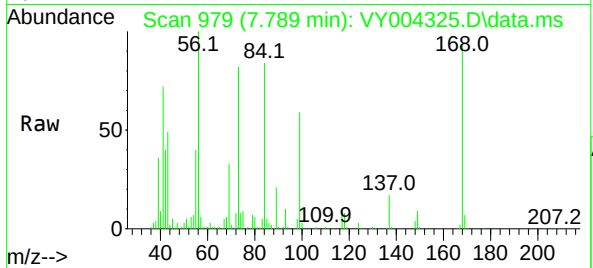
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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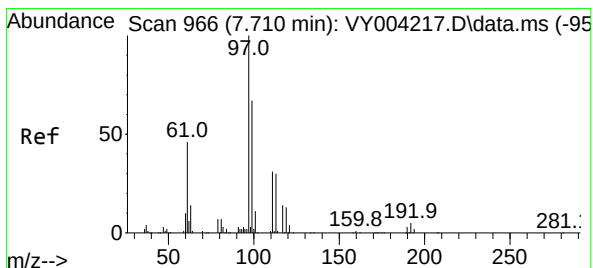
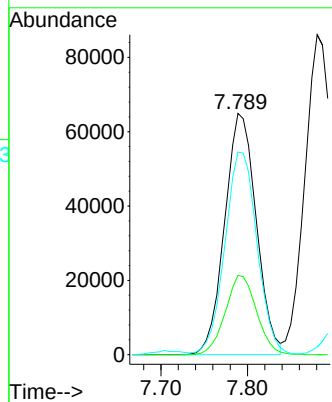
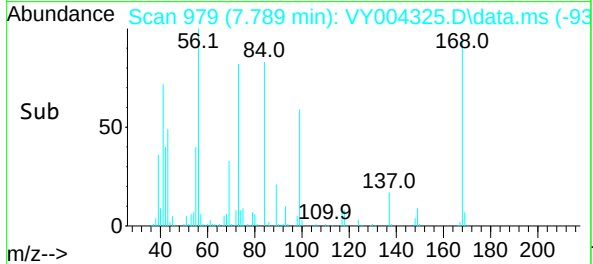
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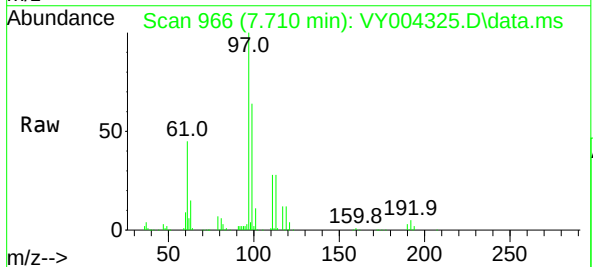
#31  
Cyclohexane  
Concen: 55.41 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



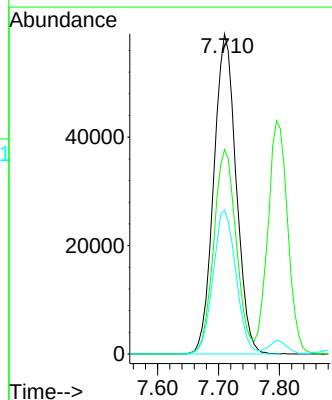
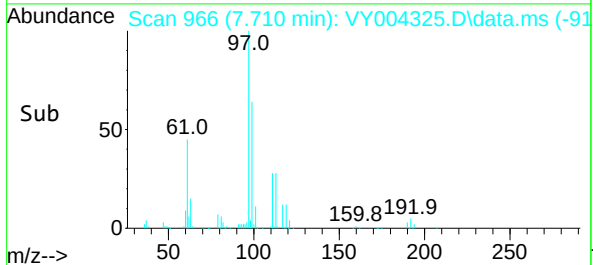
Tgt Ion: 56 Resp: 164523  
Ion Ratio Lower Upper  
56 100  
69 32.9 26.6 40.0  
84 82.7 72.3 108.5



#32  
1,1,1-Trichloroethane  
Concen: 51.32 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



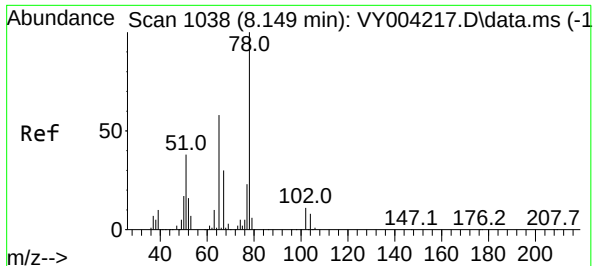
Tgt Ion: 97 Resp: 150586  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.8 77.6  
61 45.9 34.6 51.8



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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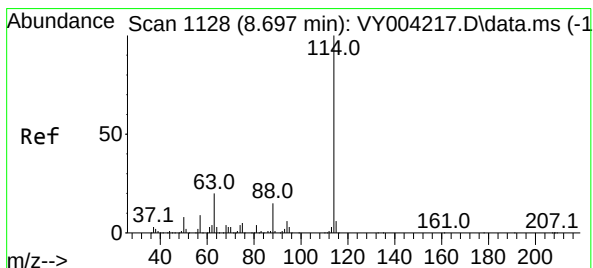
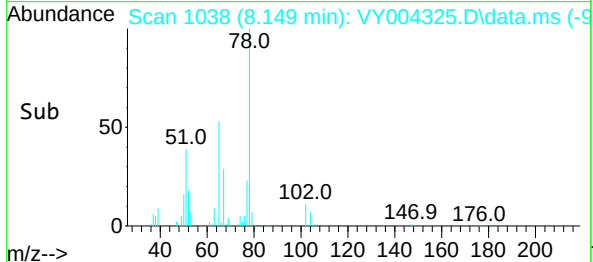
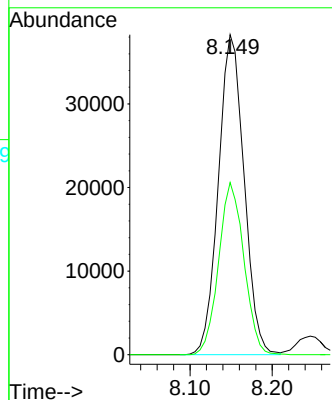
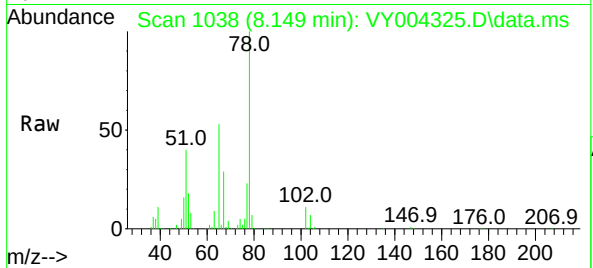
#33  
1,2-Dichloroethane-d4  
Concen: 49.53 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 65 Resp: 83219  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 103.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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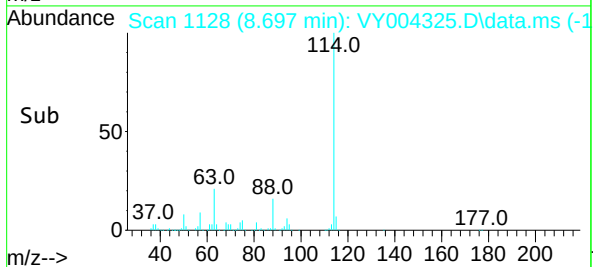
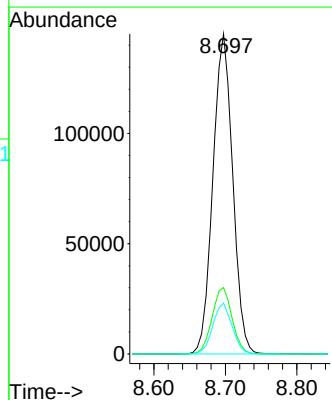
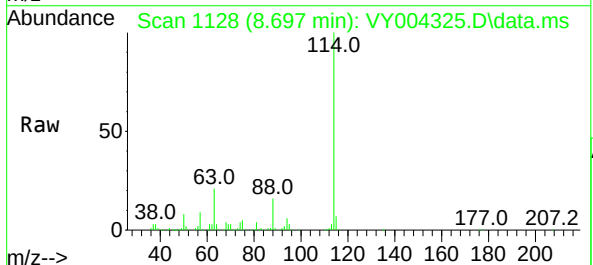
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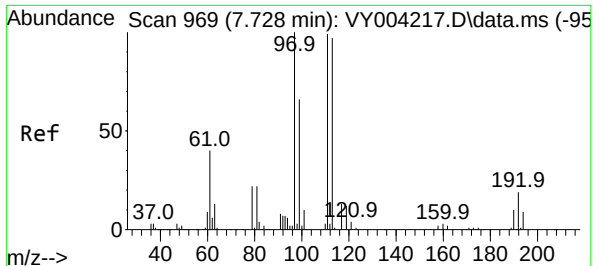
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 114 Resp: 278875  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 40.4  
88 15.9 0.0 30.8





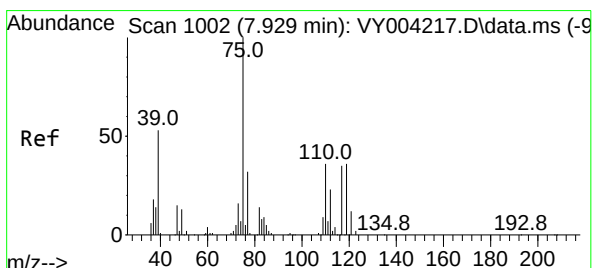
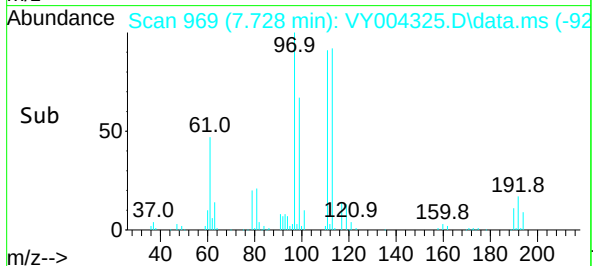
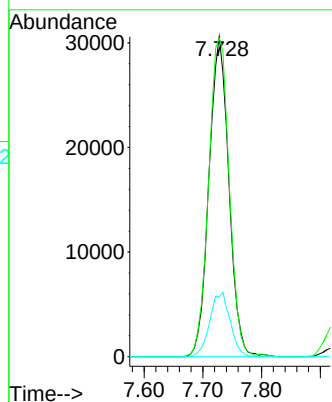
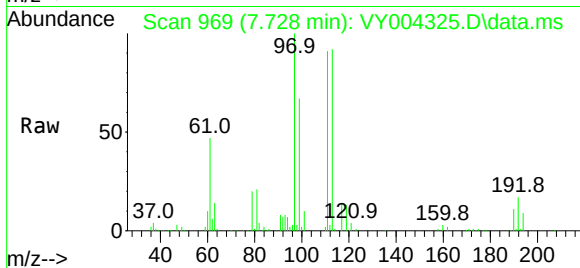
#35  
Dibromofluoromethane  
Concen: 46.27 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 71895 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.2 | 82.6  | 124.0 |
| 192      | 20.5  | 16.4  | 24.6  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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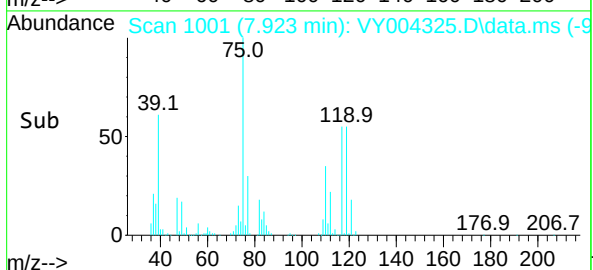
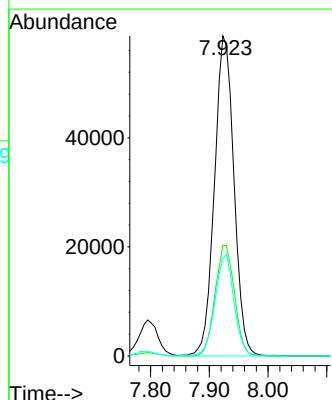
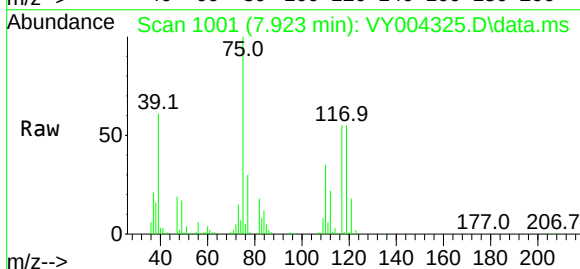
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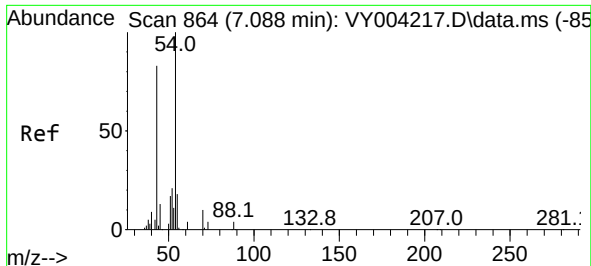
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#36  
1,1-Dichloropropene  
Concen: 53.19 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. -0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 135417 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 34.4  | 18.1  | 54.3   |
| 77       | 31.0  | 25.1  | 37.7   |





#37

Ethyl Acetate

Concen: 54.23 ug/l

RT: 7.088 min Scan# 864

Delta R.T. -0.000 min

Lab File: VY004325.D

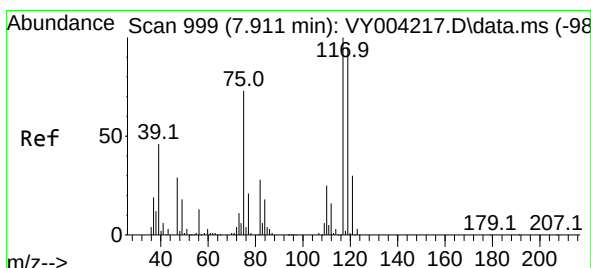
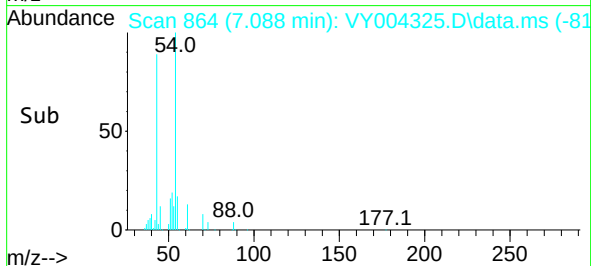
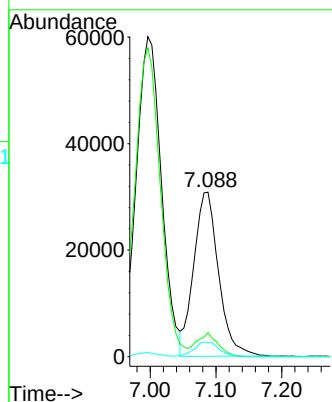
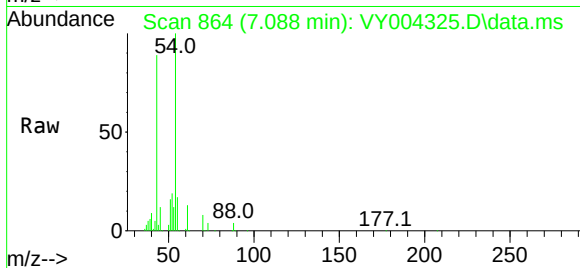
Acq: 08 Apr 2021 10:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 80993 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 12.4  | 10.2  | 15.2  |
| 70       | 9.0   | 8.0   | 12.0  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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#38

Carbon Tetrachloride

Concen: 56.00 ug/l

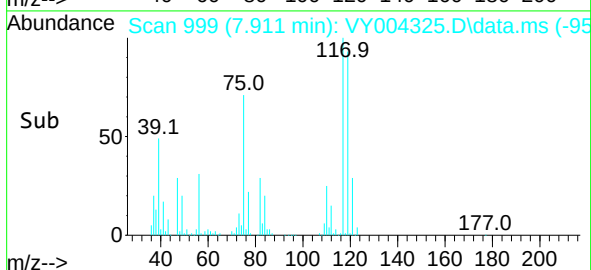
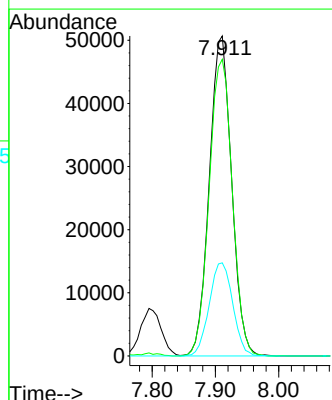
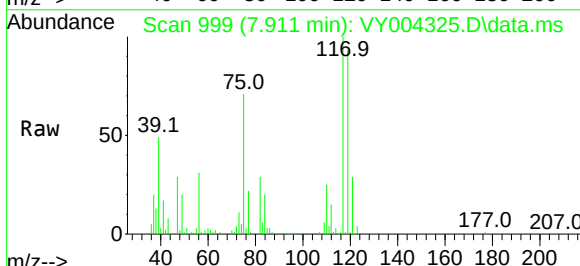
RT: 7.911 min Scan# 999

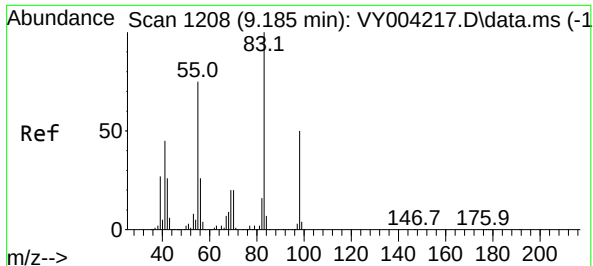
Delta R.T. -0.000 min

Lab File: VY004325.D

Acq: 08 Apr 2021 10:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 123969 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 92.7  | 75.6  | 113.4  |
| 121      | 29.1  | 24.3  | 36.5   |





#39

Methylcyclohexane

Concen: 53.05 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.006 min

Lab File: VY004325.D

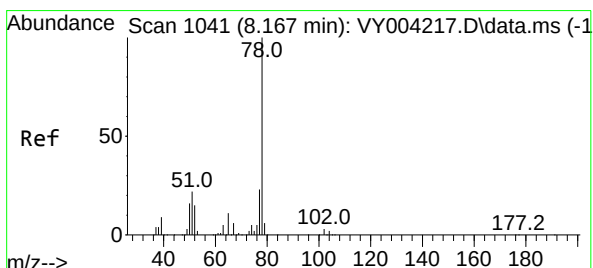
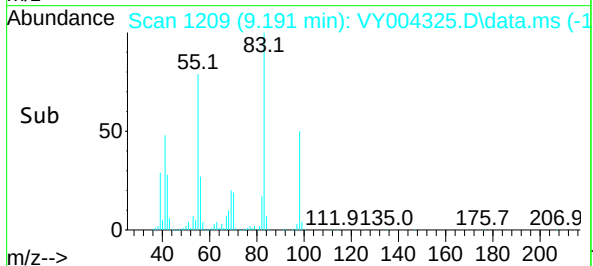
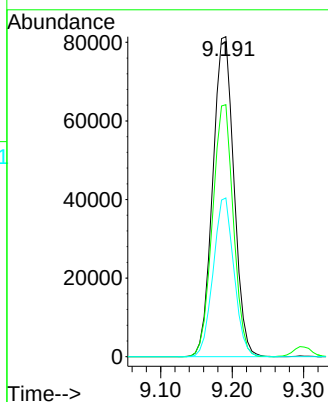
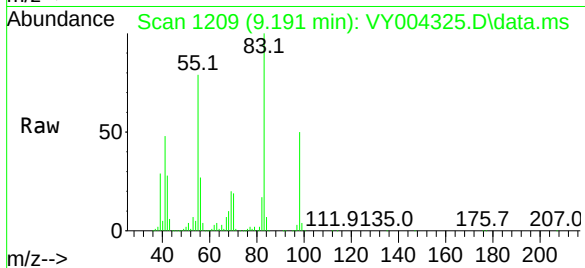
Acq: 08 Apr 2021 10:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 167223 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 78.8  | 60.0  | 90.0   |
| 98       | 49.6  | 40.2  | 60.2   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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#40

Benzene

Concen: 53.52 ug/l

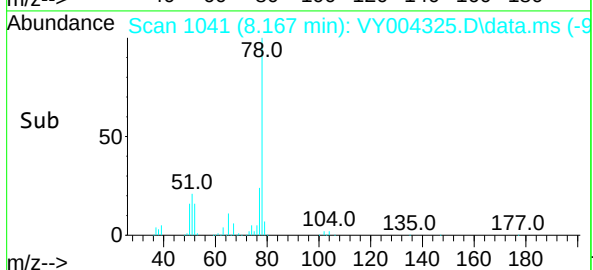
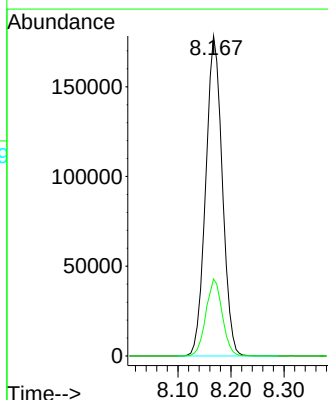
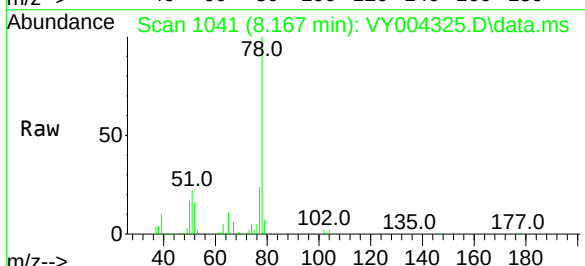
RT: 8.167 min Scan# 1041

Delta R.T. -0.000 min

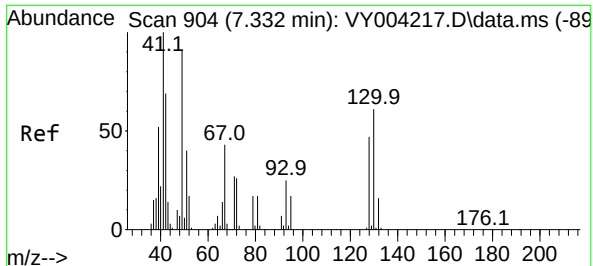
Lab File: VY004325.D

Acq: 08 Apr 2021 10:28

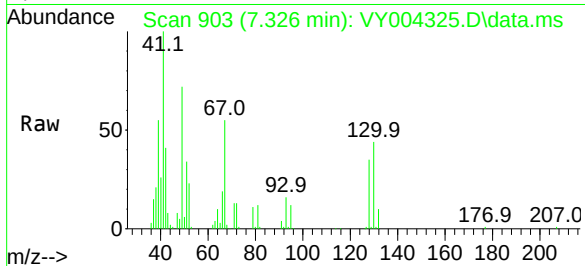
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 386220 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.1  | 18.3  | 27.5   |



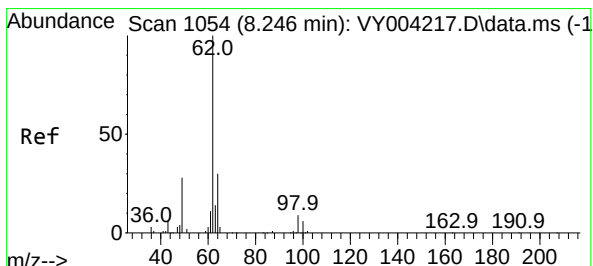
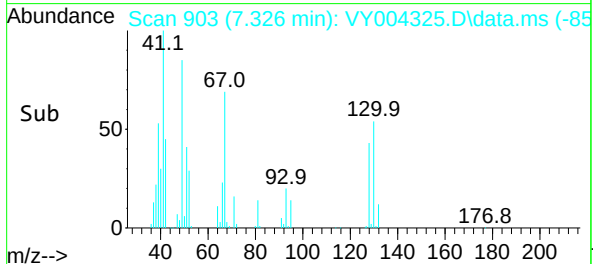
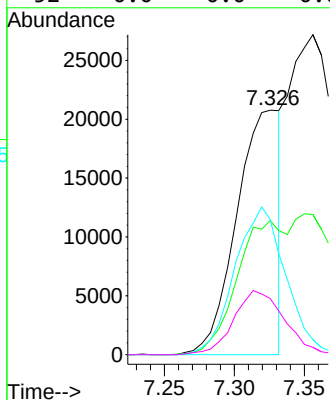




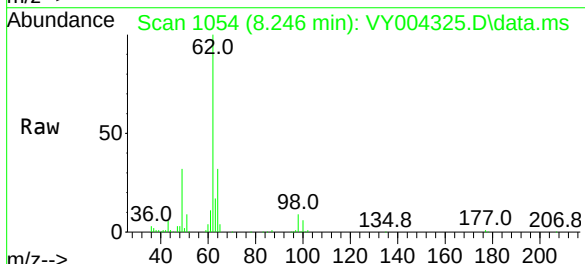
#41  
Methacrylonitrile  
Concen: 54.59 ug/l m  
RT: 7.326 min Scan# 903  
Delta R.T. -0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



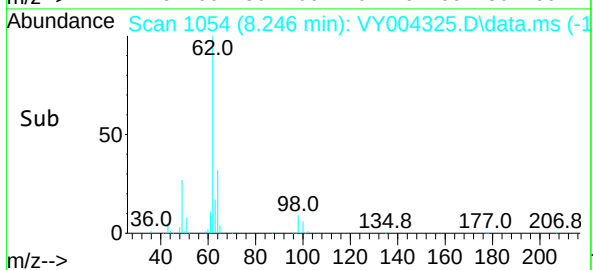
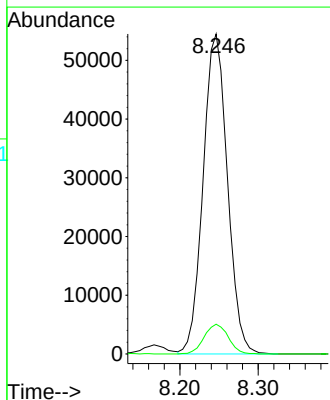
Tgt Ion: 41 Resp: 45169  
Ion Ratio Lower Upper  
41 100  
39 0.0 103.4 155.2#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 51.84 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



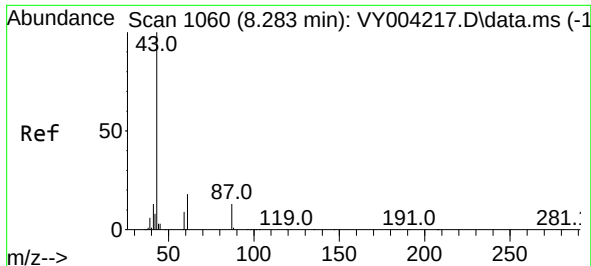
Tgt Ion: 62 Resp: 117573  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 18.6



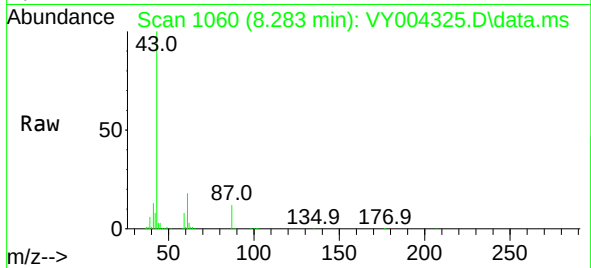
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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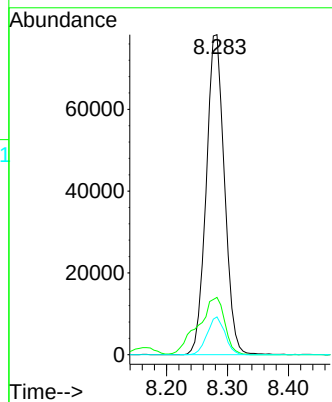
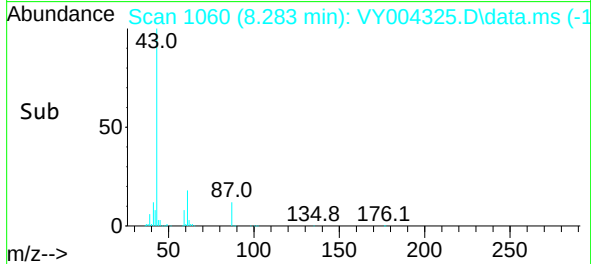
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#43  
Isopropyl Acetate  
Concen: 57.42 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



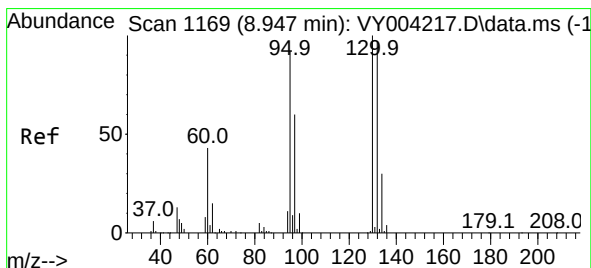
Tgt Ion: 43 Resp: 162364  
Ion Ratio Lower Upper  
43 100  
61 26.1 21.9 32.9  
87 11.5 10.6 15.8



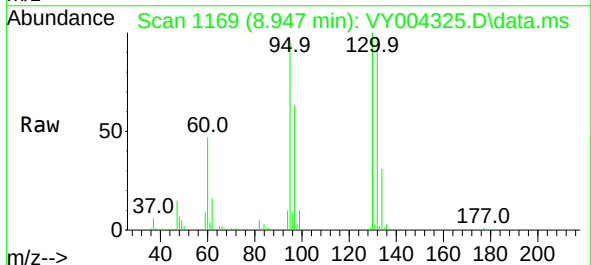
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

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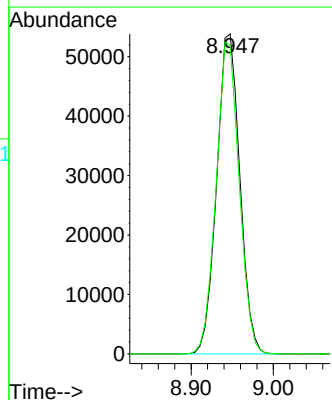
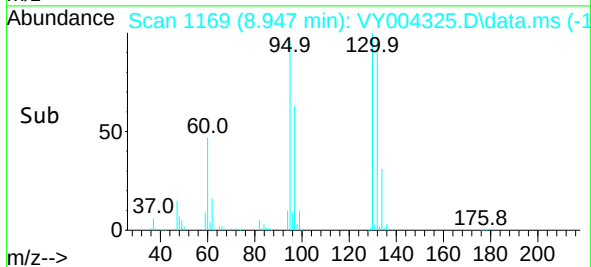
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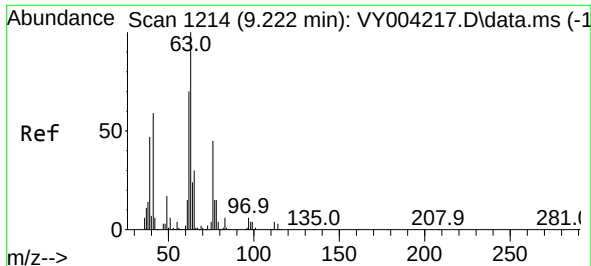


#44  
Trichloroethene  
Concen: 45.88 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



Tgt Ion:130 Resp: 105407  
Ion Ratio Lower Upper  
130 100  
95 96.4 0.0 183.0





#45

1,2-Dichloropropane

Concen: 56.48 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY004325.D

Acq: 08 Apr 2021 10:28

Tgt Ion: 63 Resp: 100729

Ion Ratio Lower Upper

63 100

65 31.1 23.7 35.5

Instrument :

MSVOA\_Y

ClientSampleId :

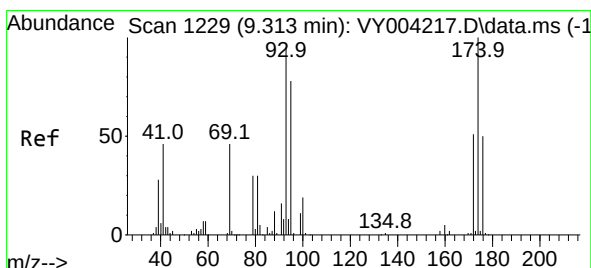
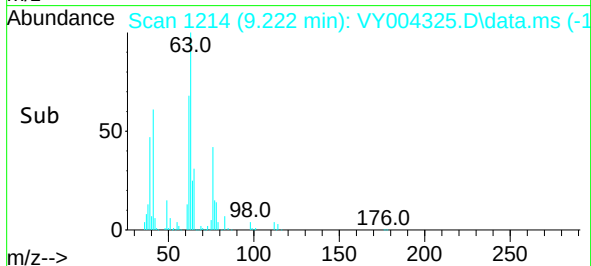
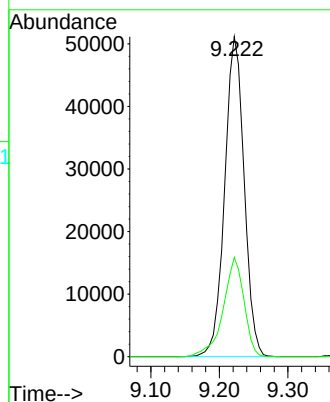
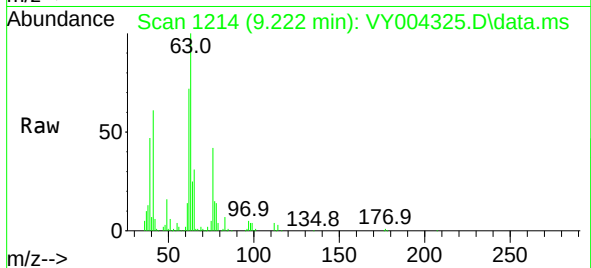
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#46

Dibromomethane

Concen: 50.17 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY004325.D

Acq: 08 Apr 2021 10:28

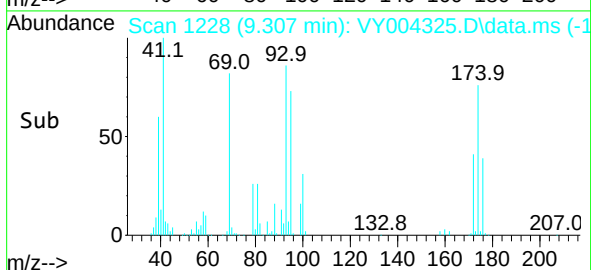
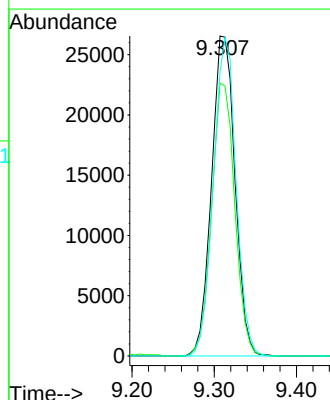
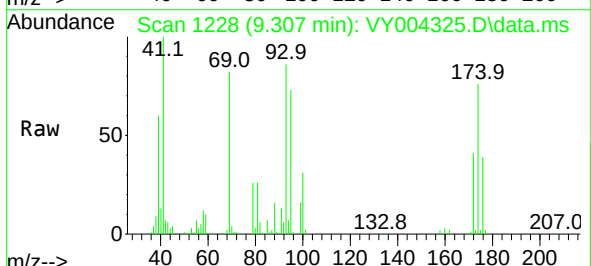
Tgt Ion: 93 Resp: 52614

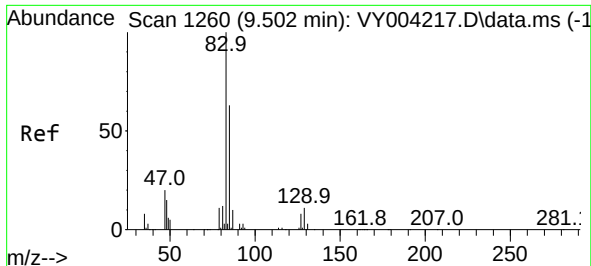
Ion Ratio Lower Upper

93 100

95 84.0 64.6 97.0

174 96.3 82.7 124.1





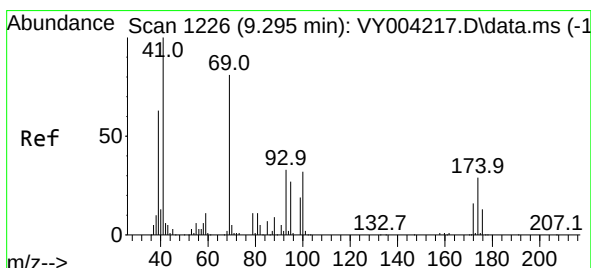
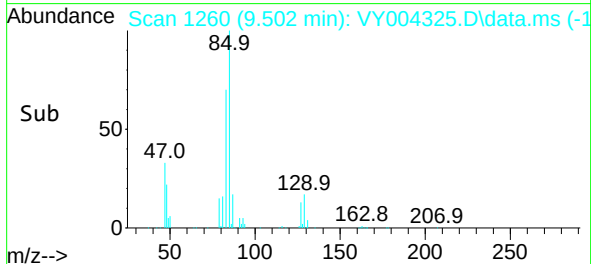
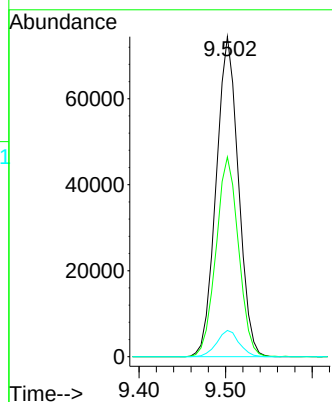
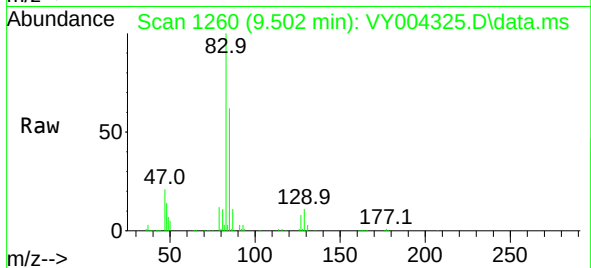
#47  
Bromodichloromethane  
Concen: 53.12 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 83 Resp: 132899  
Ion Ratio Lower Upper  
83 100  
85 62.4 50.3 75.5  
127 8.2 6.7 10.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

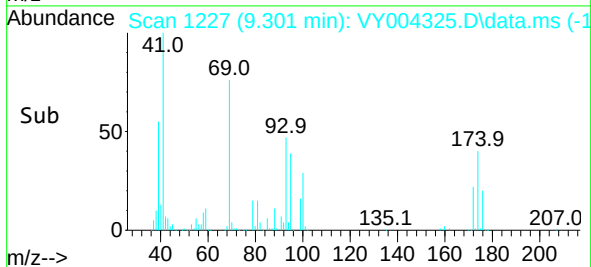
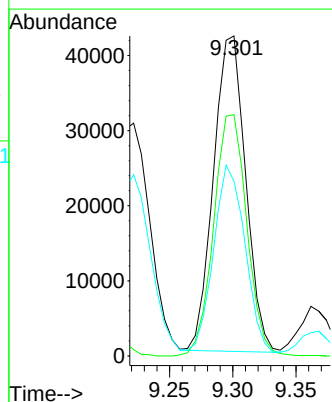
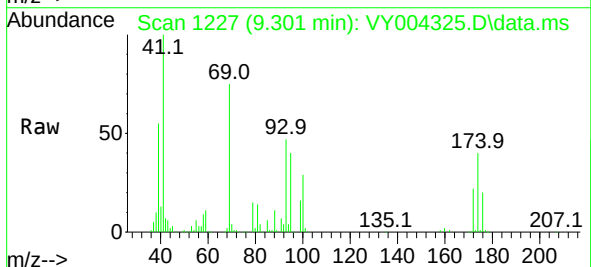
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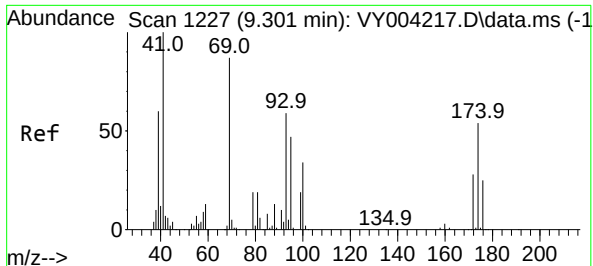
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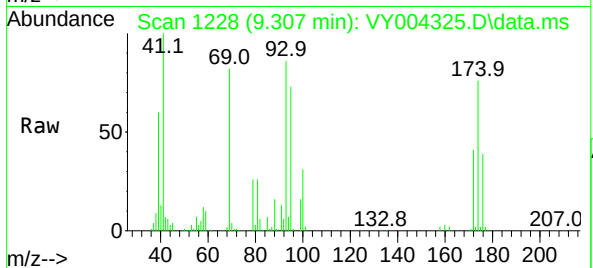
#48  
Methyl methacrylate  
Concen: 57.81 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 41 Resp: 74246  
Ion Ratio Lower Upper  
41 100  
69 78.8 67.0 100.4  
39 57.5 49.0 73.6

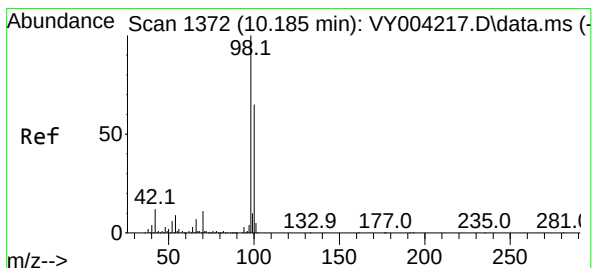
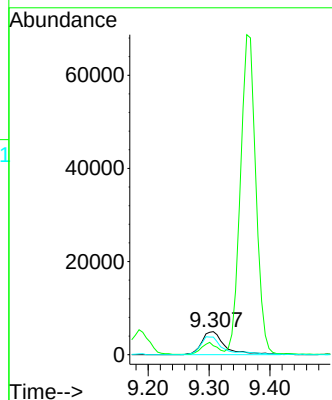
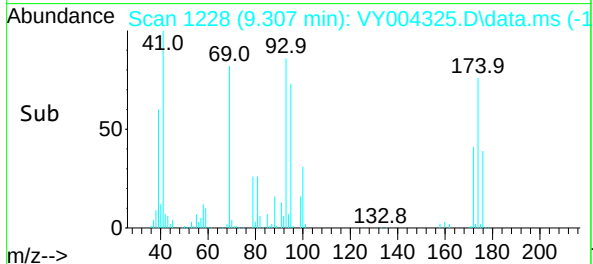




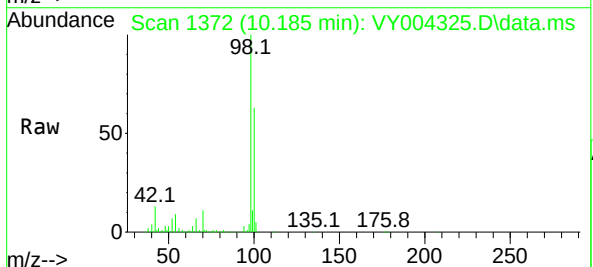
#49  
1,4-Dioxane  
Concen: 1165.58 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



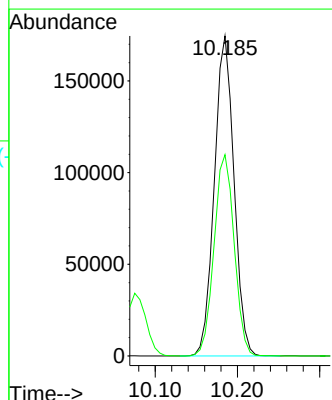
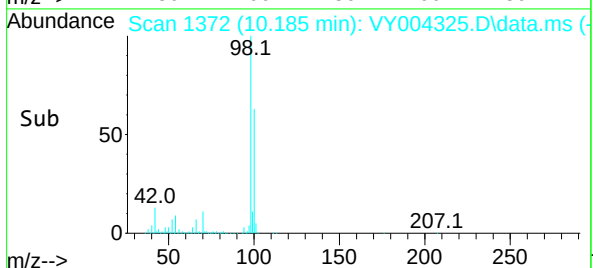
Tgt Ion: 88 Resp: 13156  
Ion Ratio Lower Upper  
88 100  
43 36.3 26.8 40.2  
58 66.9 46.2 69.2



#50  
Toluene-d8  
Concen: 49.61 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



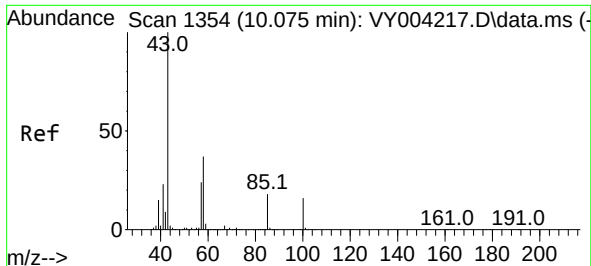
Tgt Ion: 98 Resp: 289954  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.5 78.7



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

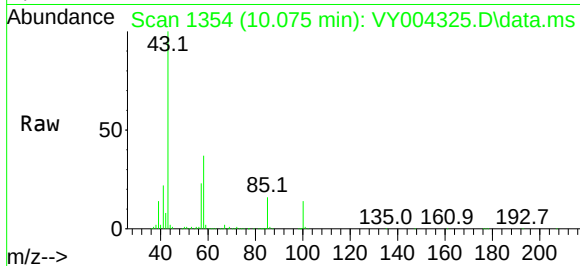
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#51  
4-Methyl-2-Pentanone  
Concen: 289.38 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

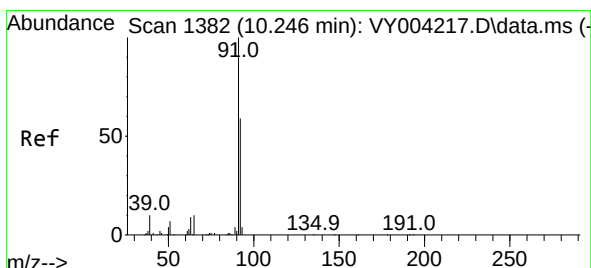
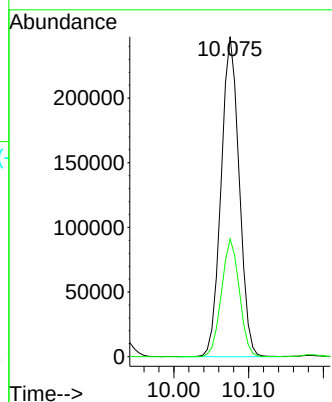
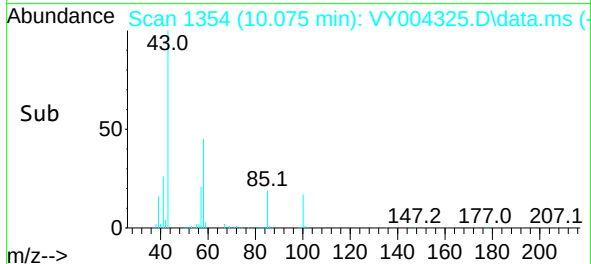
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



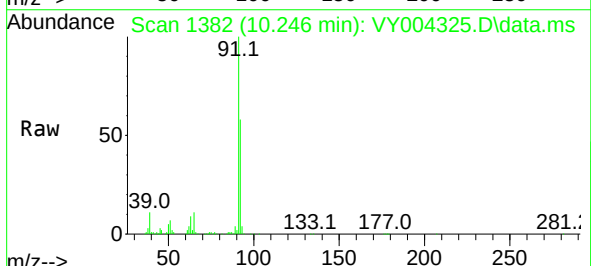
Tgt Ion: 43 Resp: 416898  
Ion Ratio Lower Upper  
43 100  
58 36.3 30.6 45.8

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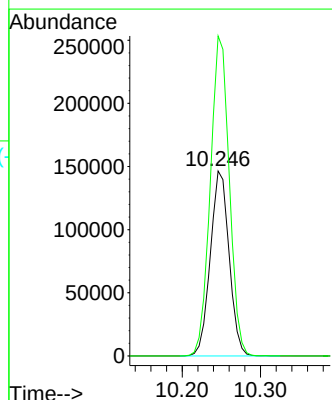
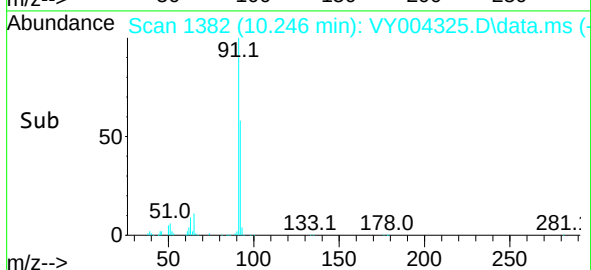
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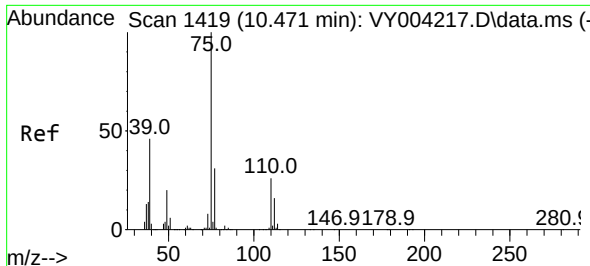


#52  
Toluene  
Concen: 52.46 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



Tgt Ion: 92 Resp: 243400  
Ion Ratio Lower Upper  
92 100  
91 174.7 136.0 204.0





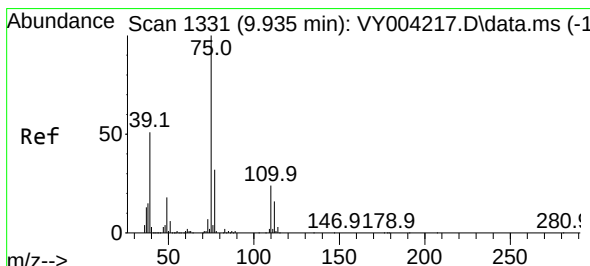
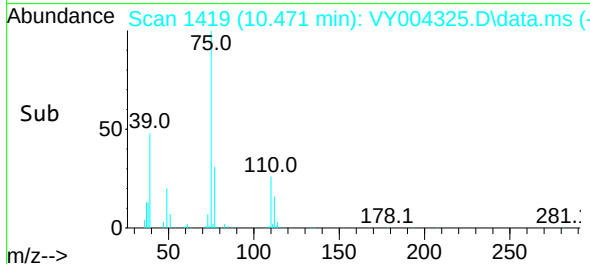
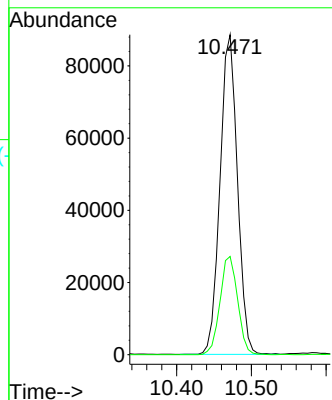
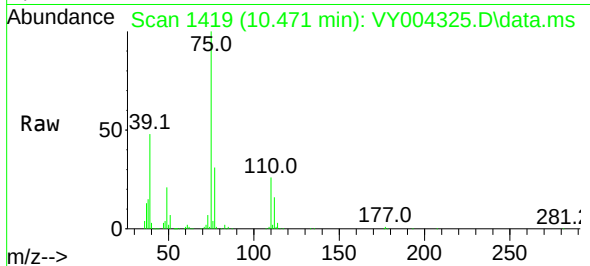
#53  
t-1,3-Dichloropropene  
Concen: 53.66 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 75 Resp: 143146  
Ion Ratio Lower Upper  
75 100  
77 30.7 24.4 36.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

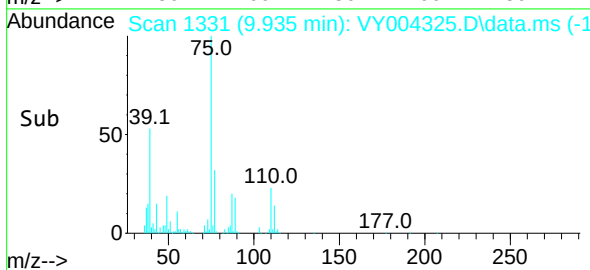
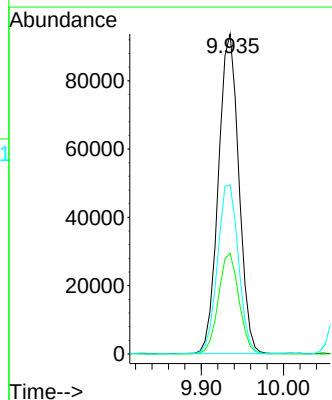
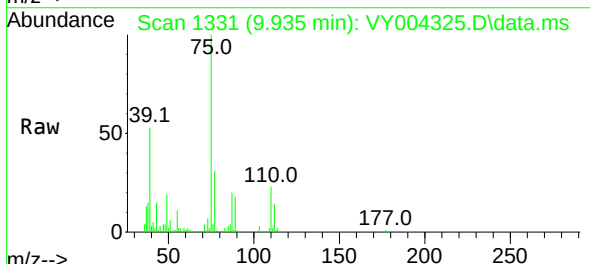
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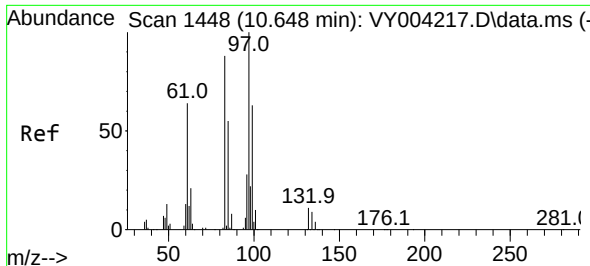
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#54  
cis-1,3-Dichloropropene  
Concen: 54.20 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

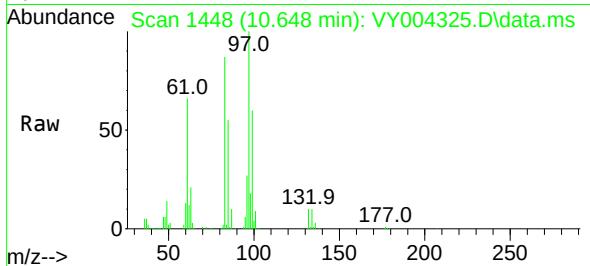
Tgt Ion: 75 Resp: 161573  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.5 38.3  
39 52.9 40.6 61.0





#55  
1,1,2-Trichloroethane  
Concen: 50.76 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

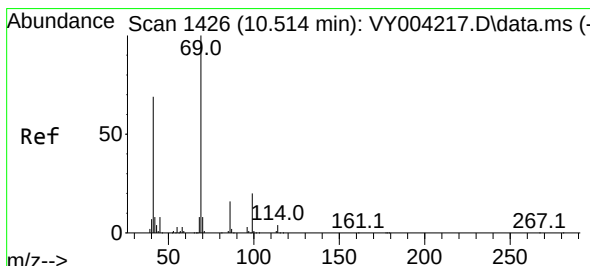
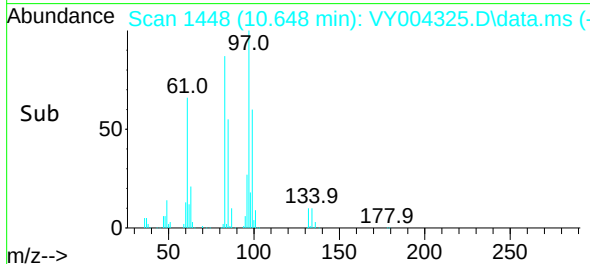
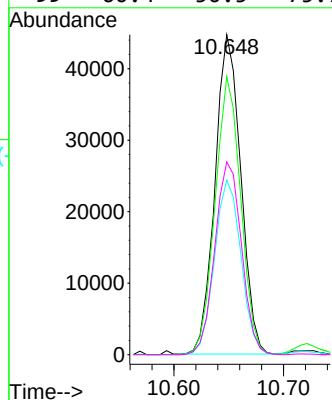
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



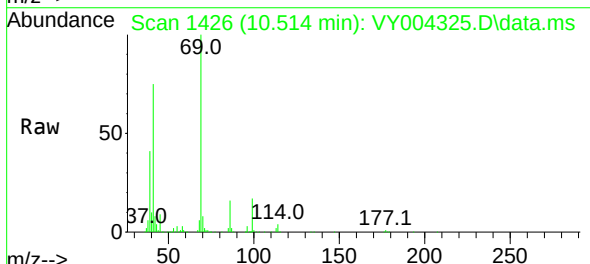
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 72919 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.0  | 70.6  | 105.8 |
| 85       | 54.7  | 44.2  | 66.4  |
| 99       | 60.4  | 50.5  | 75.7  |

Manual Integrations  
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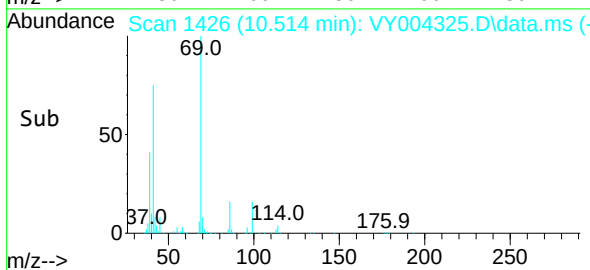
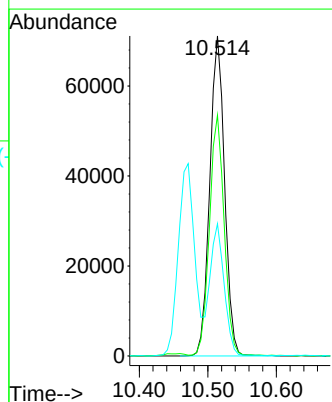
MMDadoda  
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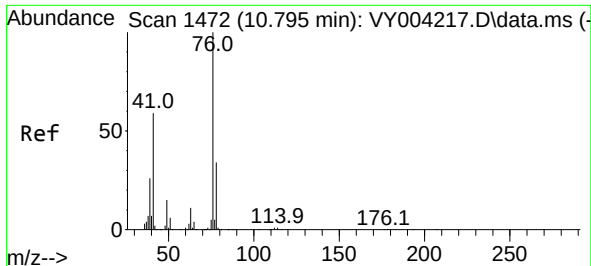
#56  
Ethyl methacrylate  
Concen: 54.28 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 106996 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 74.5  | 54.8  | 82.2   |
| 39       | 41.0  | 33.4  | 50.0   |







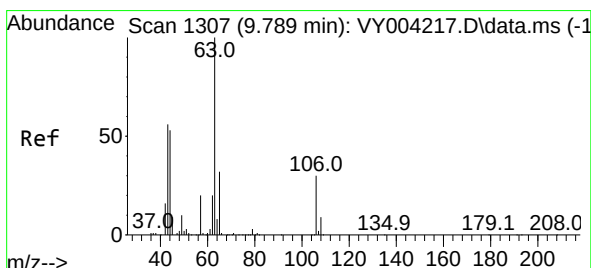
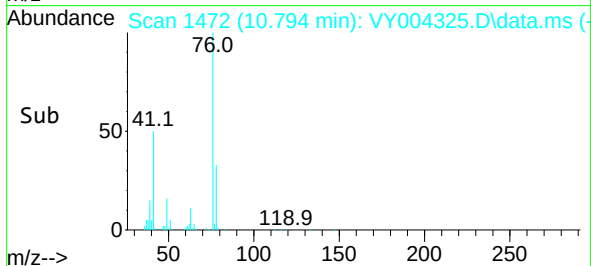
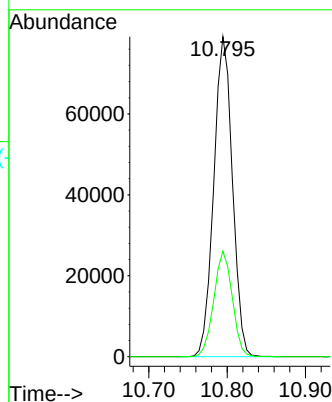
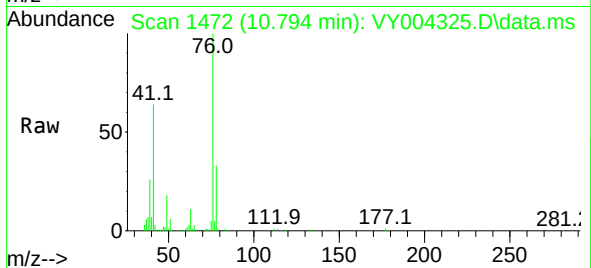
#57  
1,3-Dichloropropane  
Concen: 52.79 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 76 Resp: 130862  
Ion Ratio Lower Upper  
76 100  
78 32.6 26.4 39.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

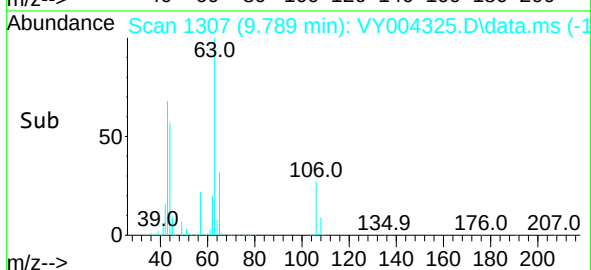
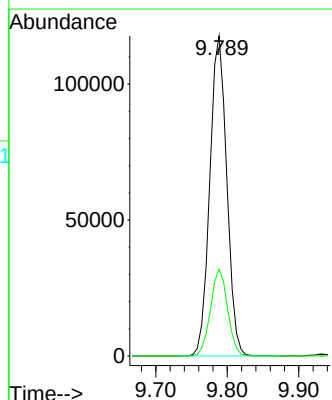
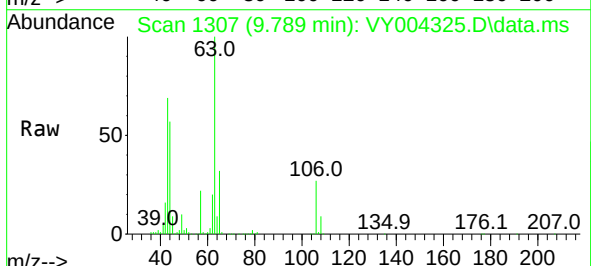
Manual Integrations  
APPROVED

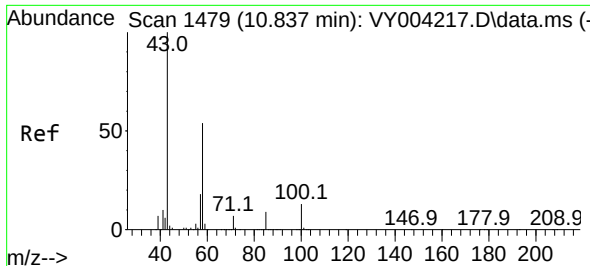
MMDadoda  
4/9/2021 9:58:49 AM



#58  
2-Chloroethyl Vinyl ether  
Concen: 229.95 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

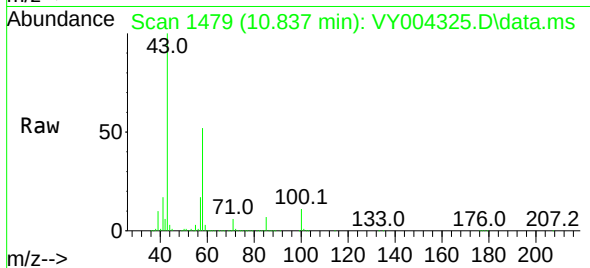
Tgt Ion: 63 Resp: 193915  
Ion Ratio Lower Upper  
63 100  
106 27.1 23.8 35.8





#59  
2-Hexanone  
Concen: 279.08 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

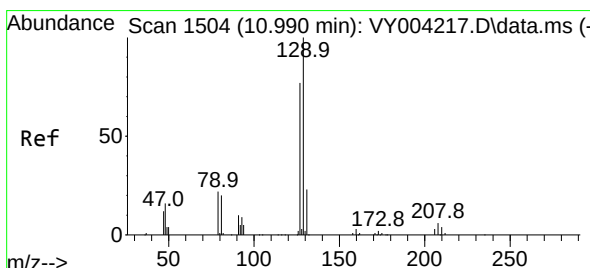
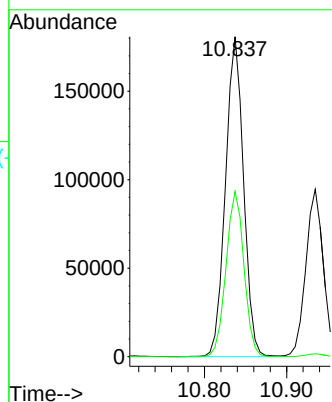
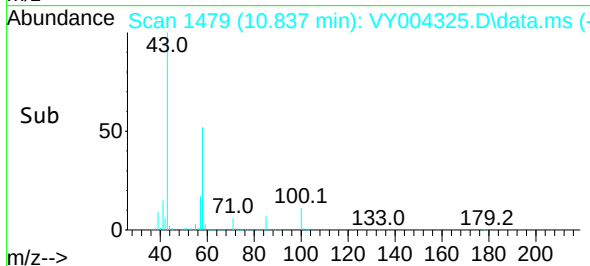
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



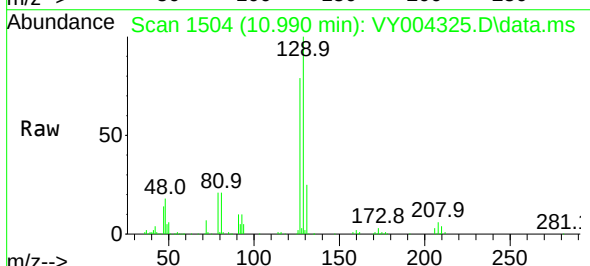
Tgt Ion: 43 Resp: 276412  
Ion Ratio Lower Upper  
43 100  
58 51.2 26.7 80.1

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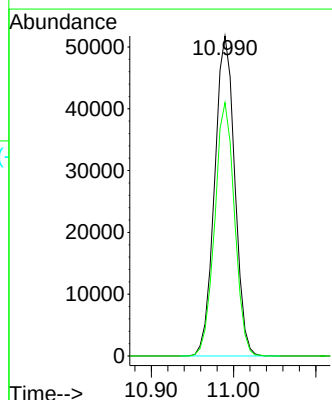
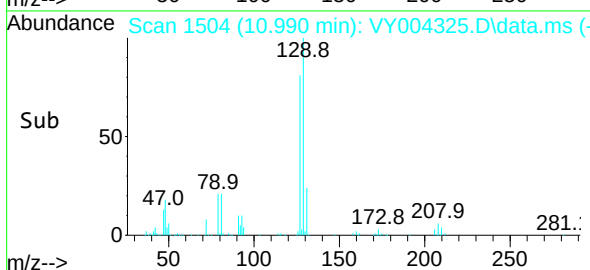
MMDadoda  
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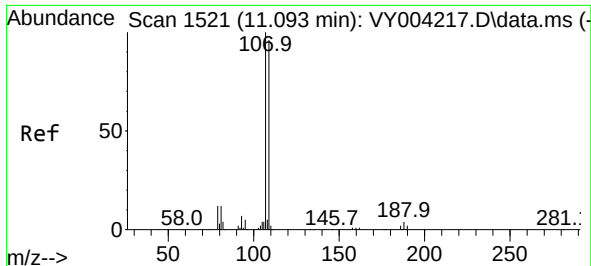


#60  
Dibromochloromethane  
Concen: 51.10 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



Tgt Ion: 129 Resp: 88012  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.9 116.7





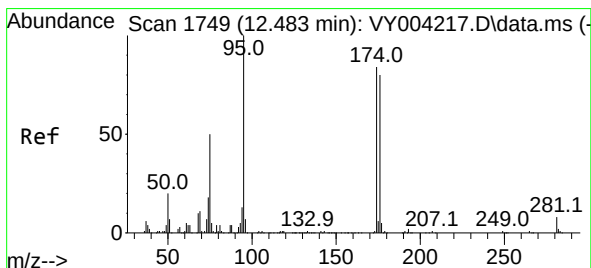
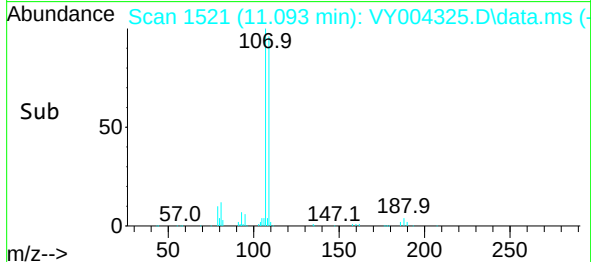
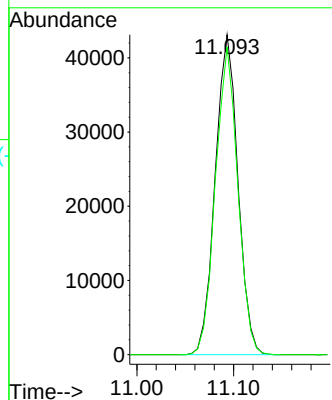
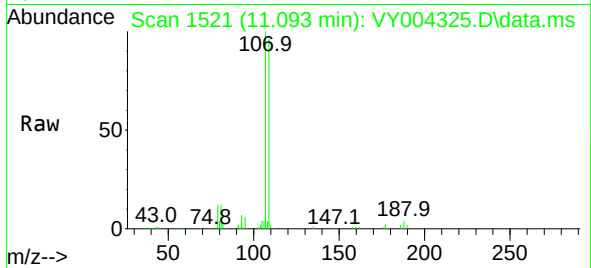
#61  
1,2-Dibromoethane  
Concen: 49.52 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 107 Resp: 70204  
Ion Ratio Lower Upper  
107 100  
109 94.7 75.6 113.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

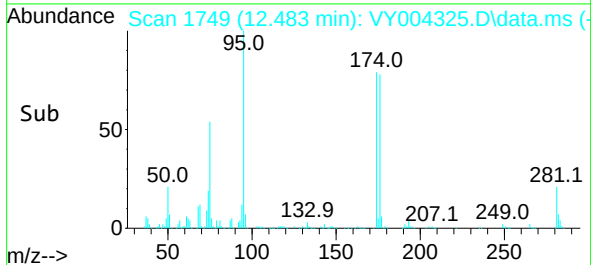
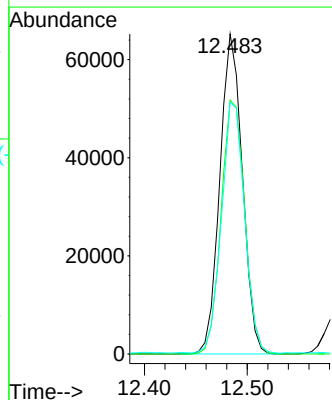
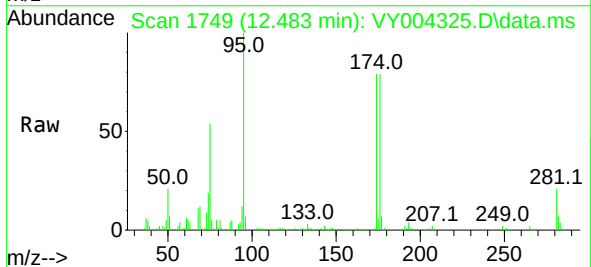
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APPROVED

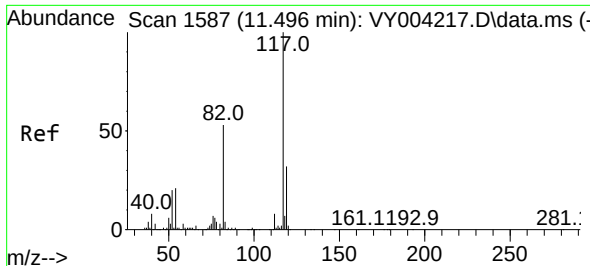
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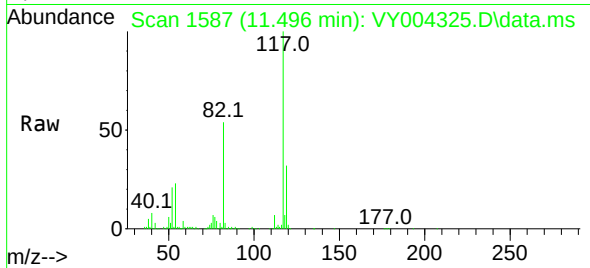
#62  
4-Bromofluorobenzene  
Concen: 49.44 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 95 Resp: 99030  
Ion Ratio Lower Upper  
95 100  
174 83.2 0.0 171.4  
176 80.4 0.0 165.6

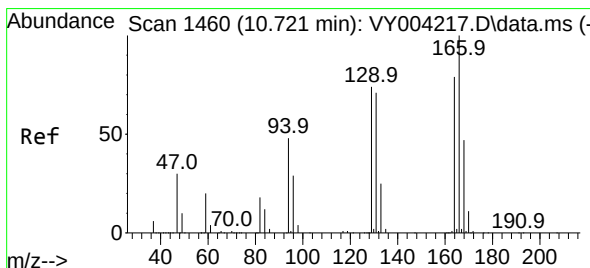
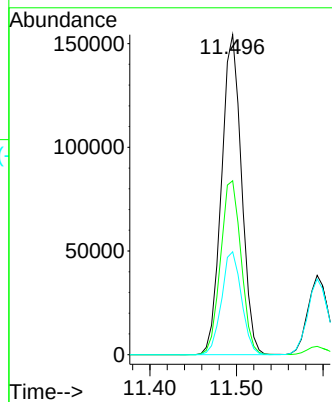
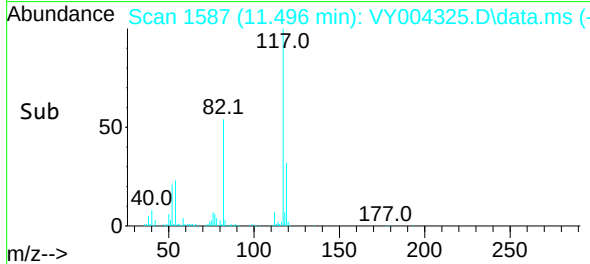




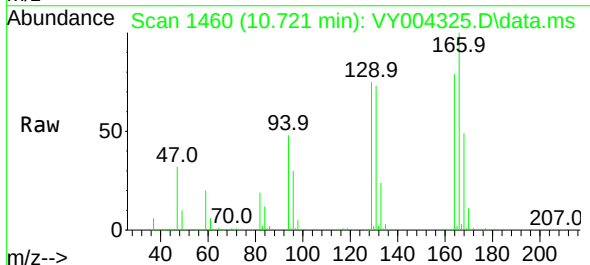
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



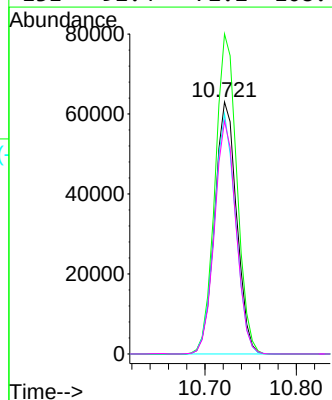
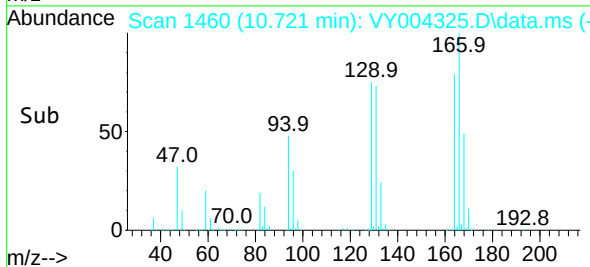
Tgt Ion:117 Resp: 247370  
Ion Ratio Lower Upper  
117 100  
82 54.4 42.7 64.1  
119 32.2 25.7 38.5



#64  
Tetrachloroethene  
Concen: 43.11 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



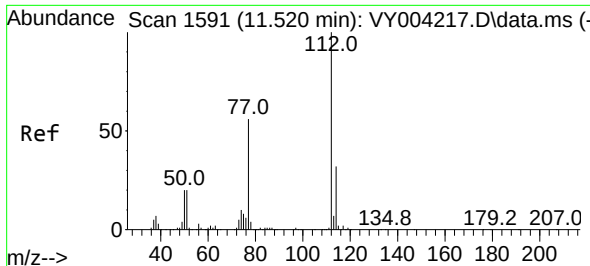
Tgt Ion:164 Resp: 104933  
Ion Ratio Lower Upper  
164 100  
166 127.0 101.3 151.9  
129 95.2 75.3 112.9  
131 92.4 72.2 108.4



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

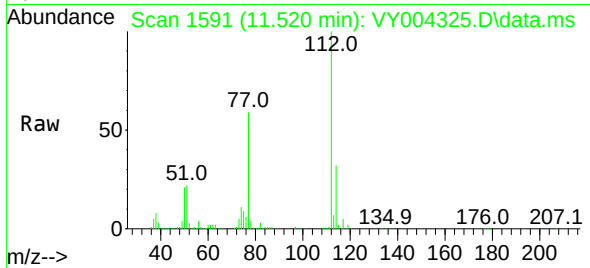
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#65  
Chlorobenzene  
Concen: 50.81 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

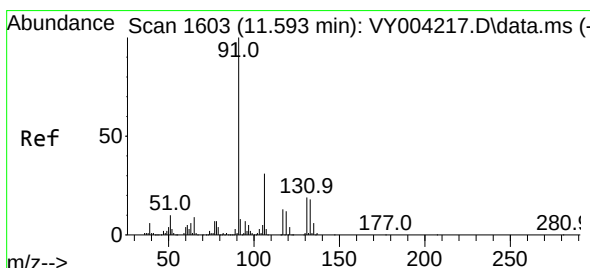
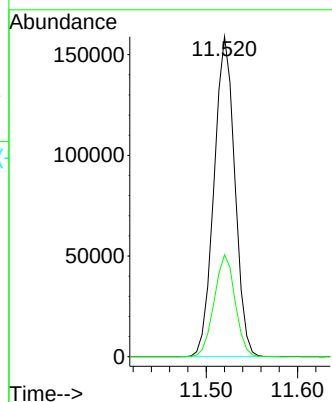
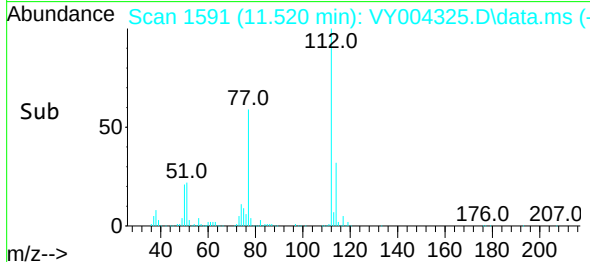
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



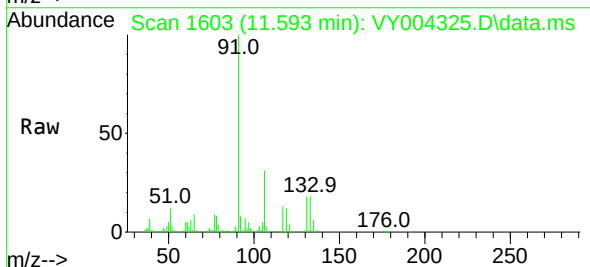
Tgt Ion:112 Resp: 250642  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.9 38.9

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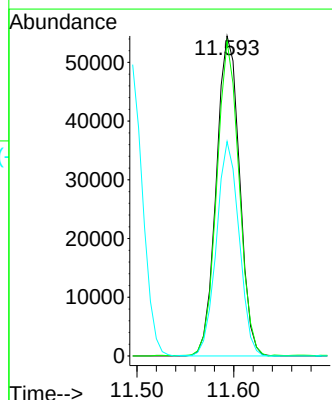
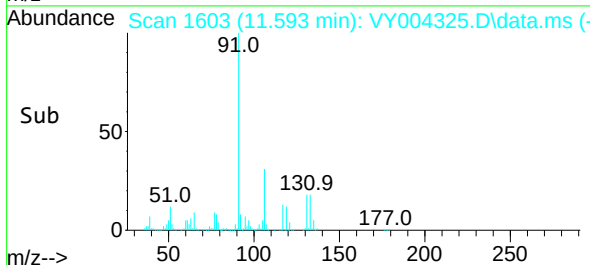
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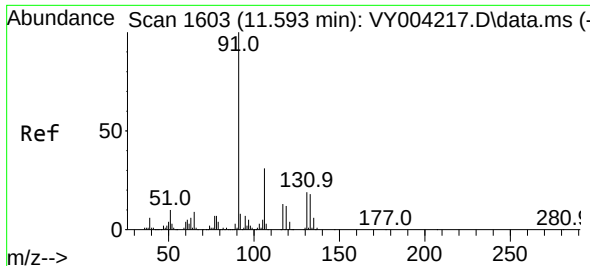


#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.23 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



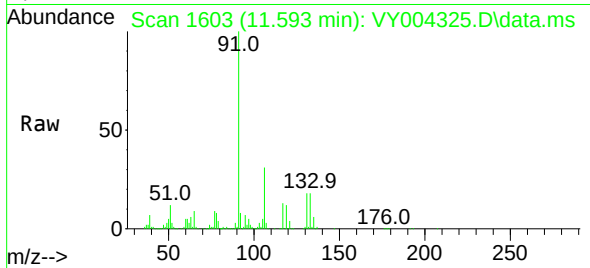
Tgt Ion:131 Resp: 90542  
Ion Ratio Lower Upper  
131 100  
133 94.5 47.2 141.6  
119 65.5 32.1 96.5





#67  
Ethyl Benzene  
Concen: 52.92 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

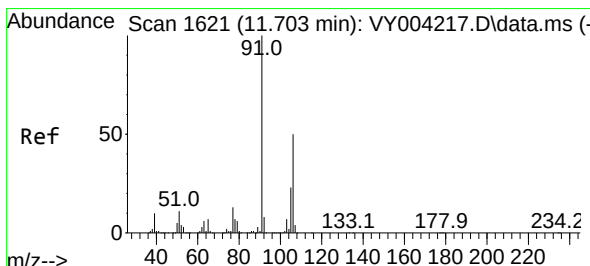
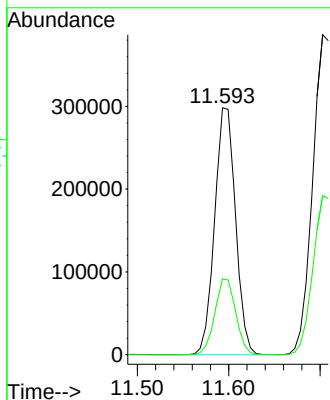
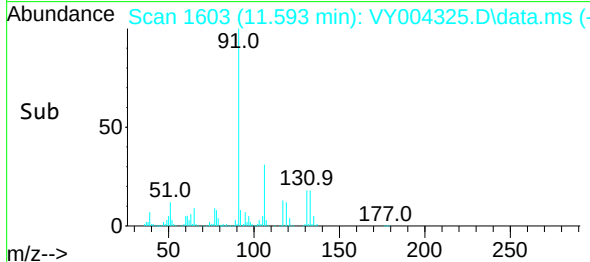
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



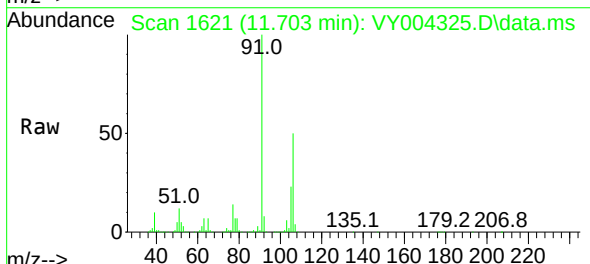
Tgt Ion: 91 Resp: 474100  
Ion Ratio Lower Upper  
91 100  
106 30.7 25.0 37.6

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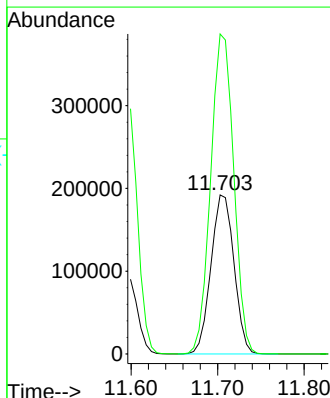
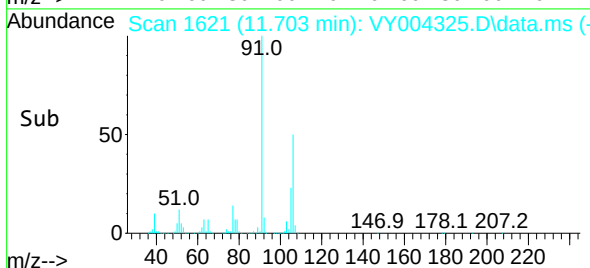
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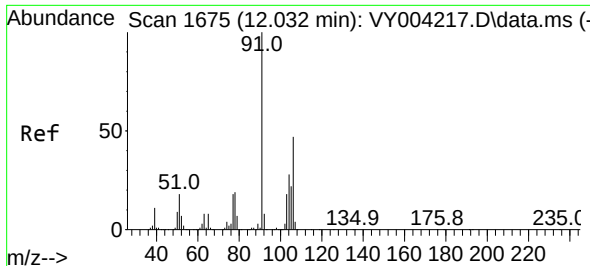


#68  
m/p-Xylenes  
Concen: 103.23 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



Tgt Ion: 106 Resp: 355110  
Ion Ratio Lower Upper  
106 100  
91 201.4 159.8 239.6





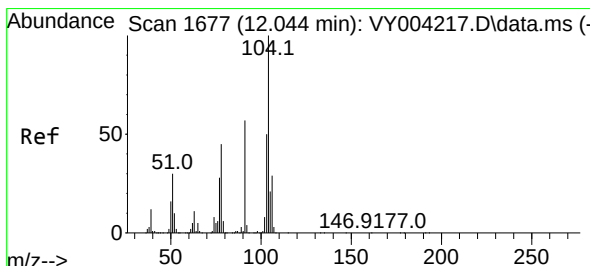
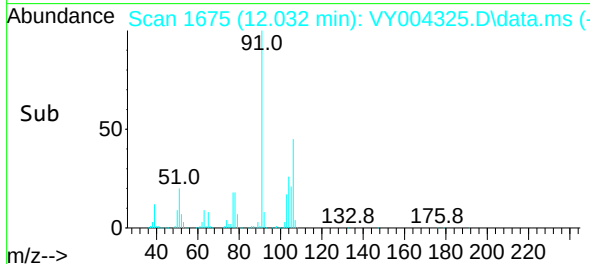
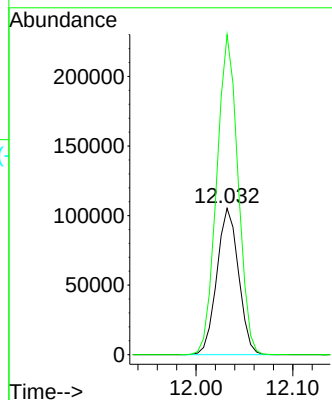
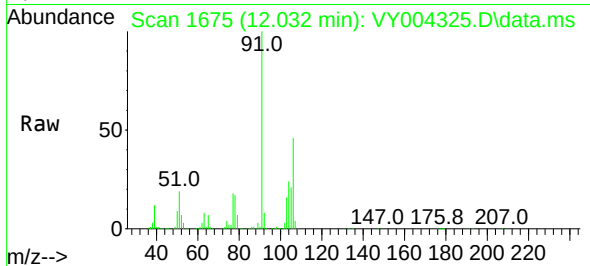
#69  
o-Xylene  
Concen: 50.83 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion:106 Resp: 163593  
Ion Ratio Lower Upper  
106 100  
91 214.6 105.6 316.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

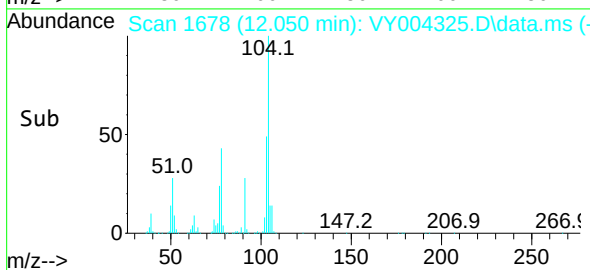
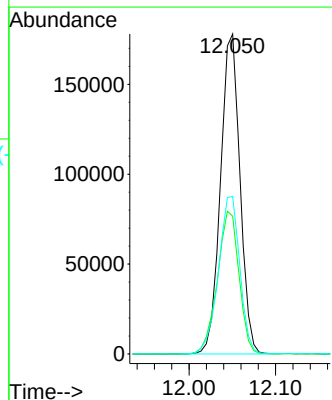
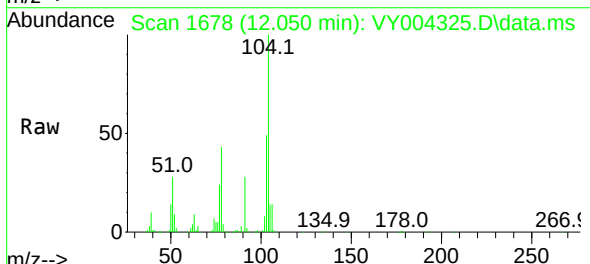
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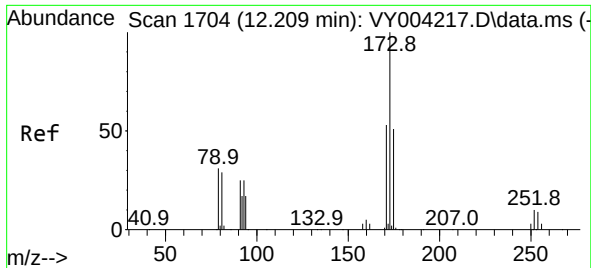
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#70  
Styrene  
Concen: 51.93 ug/l  
RT: 12.050 min Scan# 1678  
Delta R.T. 0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion:104 Resp: 278056  
Ion Ratio Lower Upper  
104 100  
78 49.6 39.8 59.8  
103 54.0 43.3 64.9





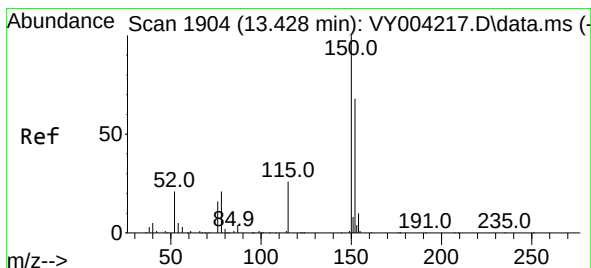
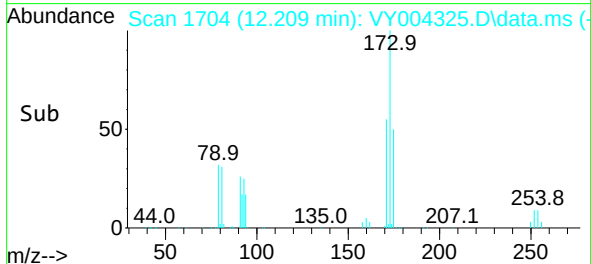
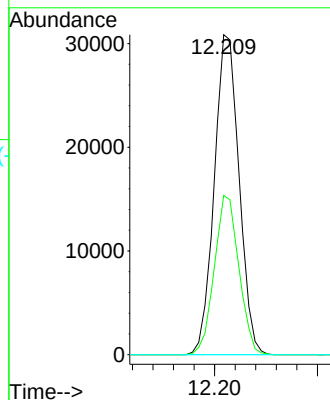
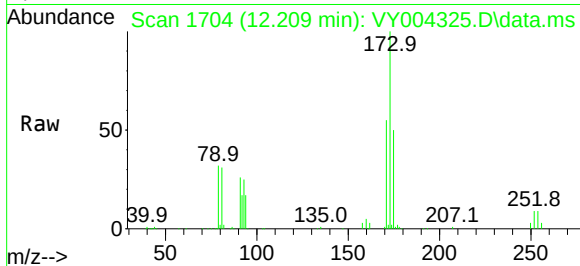
#71  
Bromoform  
Concen: 51.27 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion:173 Resp: 51594  
Ion Ratio Lower Upper  
173 100  
175 49.3 24.9 74.6  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

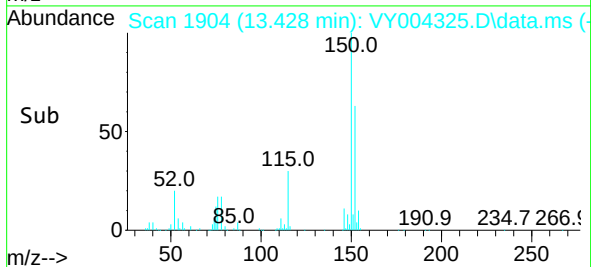
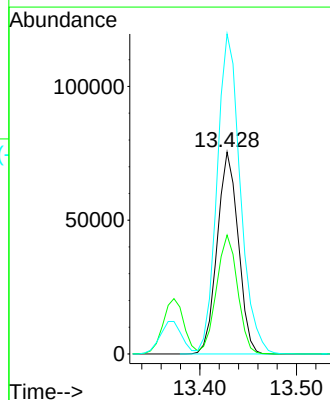
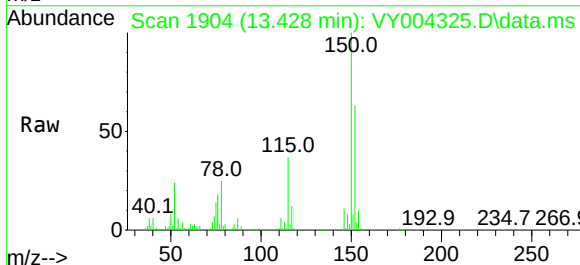
Manual Integrations  
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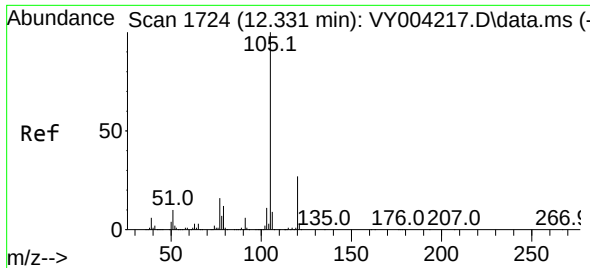


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion:152 Resp: 113954  
Ion Ratio Lower Upper  
152 100  
115 59.2 29.0 87.1  
150 175.2 0.0 347.4

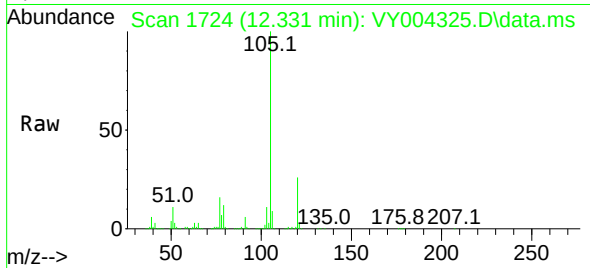






#73  
Isopropylbenzene  
Concen: 54.12 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

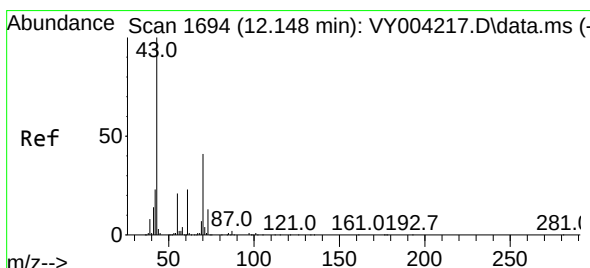
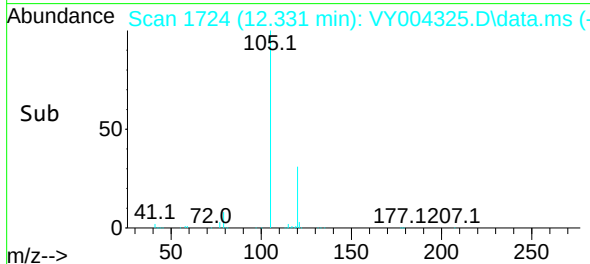
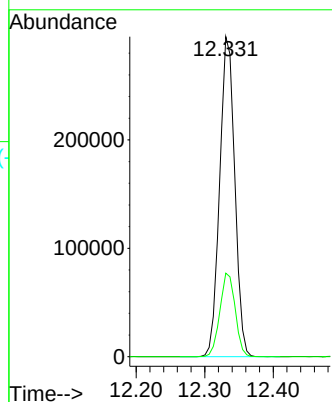
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



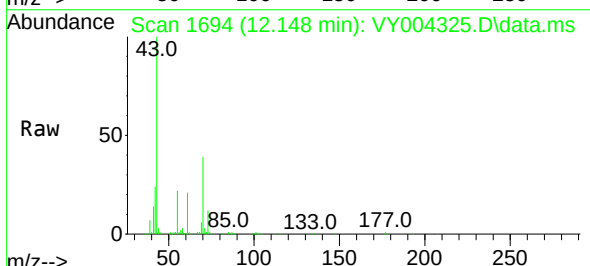
Tgt Ion: 105 Resp: 450531  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.7 41.0

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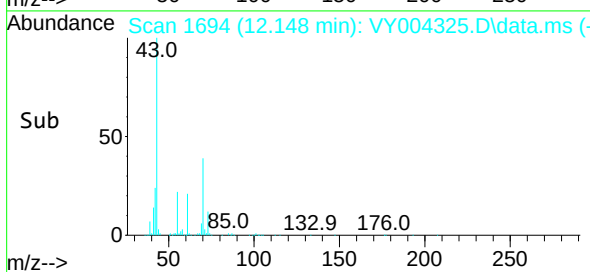
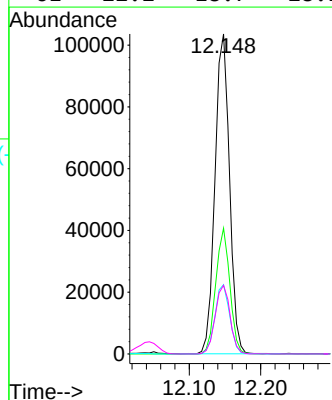
MMDadoda  
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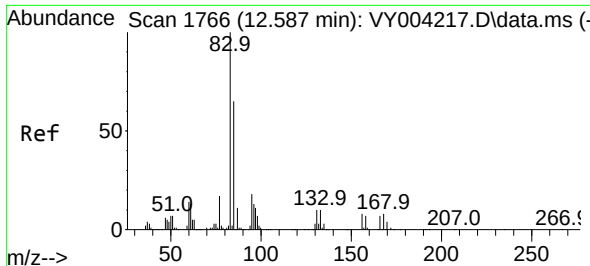


#74  
N-ethyl acetate  
Concen: 59.78 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



Tgt Ion: 43 Resp: 145460  
Ion Ratio Lower Upper  
43 100  
70 38.4 32.6 49.0  
55 22.1 18.0 27.0  
61 22.2 18.7 28.1





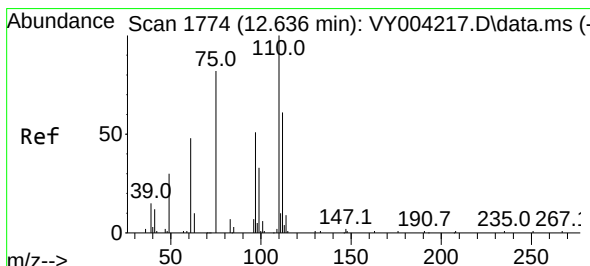
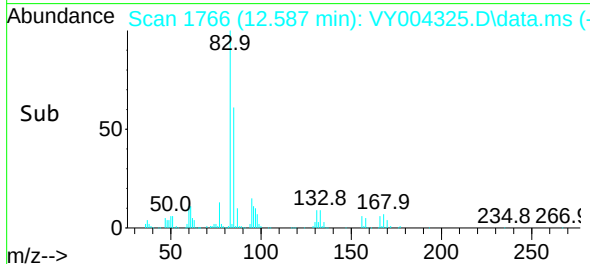
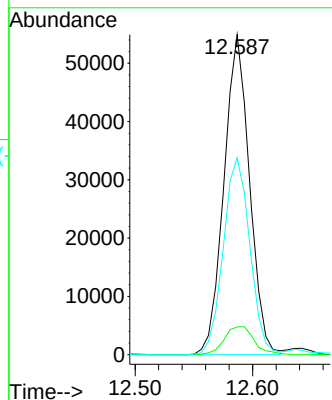
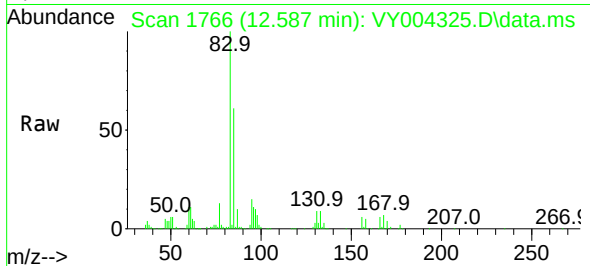
#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.84 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 10.3  | 5.6   | 16.8  |
| 85      | 63.9  | 31.8  | 95.4  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

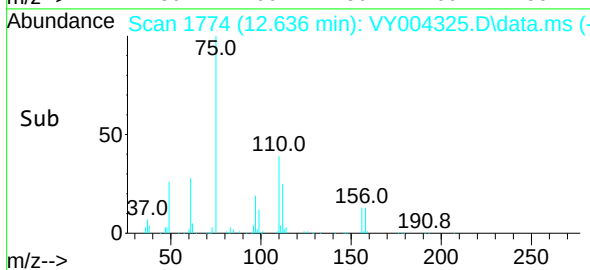
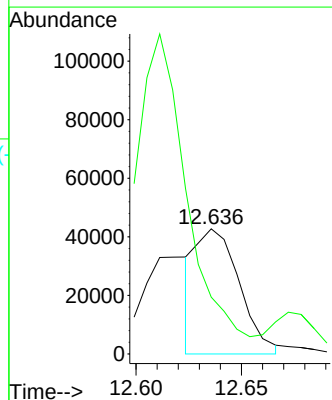
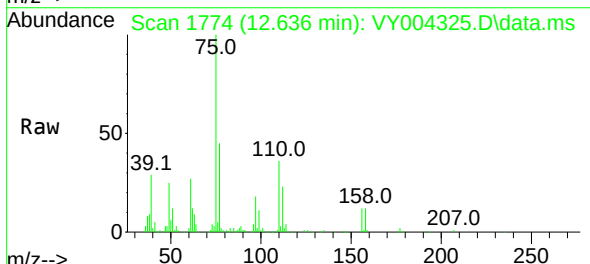
Manual Integrations  
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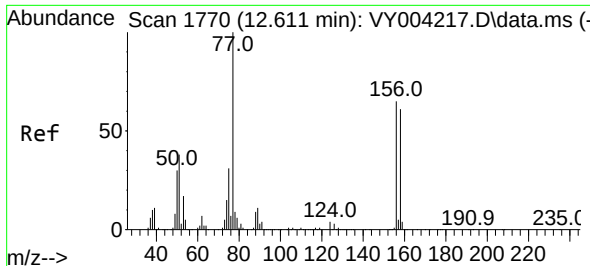
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#76  
1,2,3-Trichloropropane  
Concen: 59.53 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 0.0   | 0.0   | 0.0   |





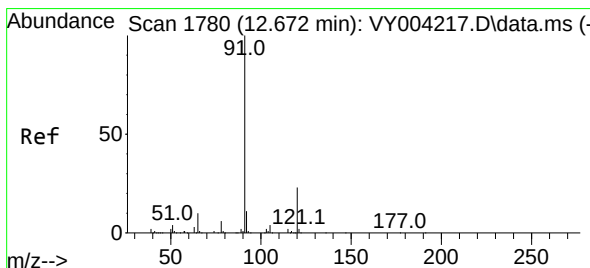
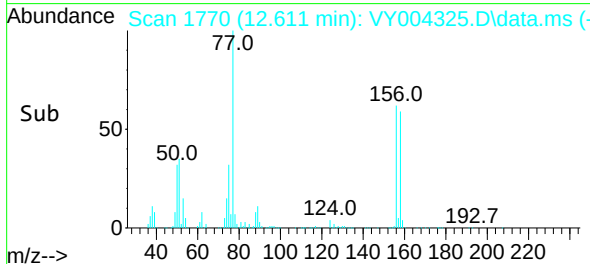
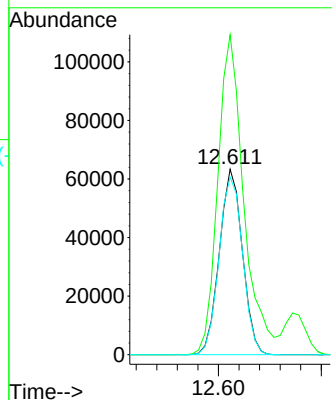
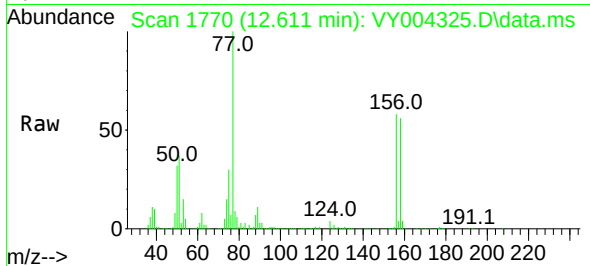
#77  
Bromobenzene  
Concen: 50.59 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

| Tgt Ion:  | 156   | Resp: | 98605 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 156       | 100   |       |       |
| 77        | 193.4 | 88.6  | 265.9 |
| 158       | 98.1  | 48.3  | 144.9 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

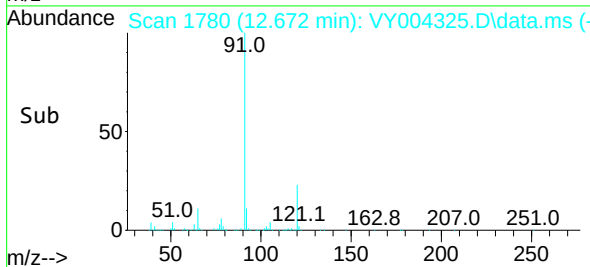
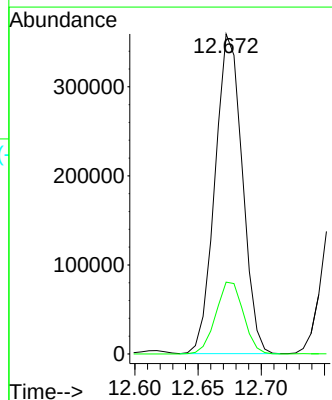
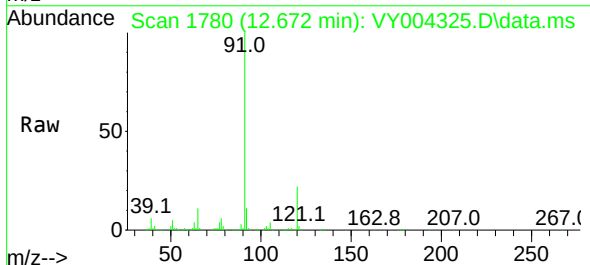
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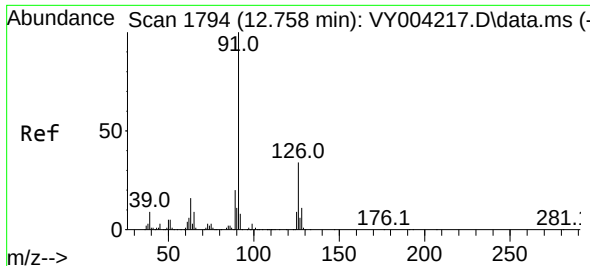
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#78  
n-propylbenzene  
Concen: 55.95 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

| Tgt Ion:  | 91   | Resp: | 538882 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 91        | 100  |       |        |
| 120       | 22.7 | 11.9  | 35.5   |





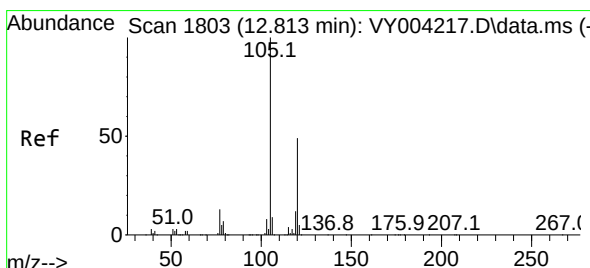
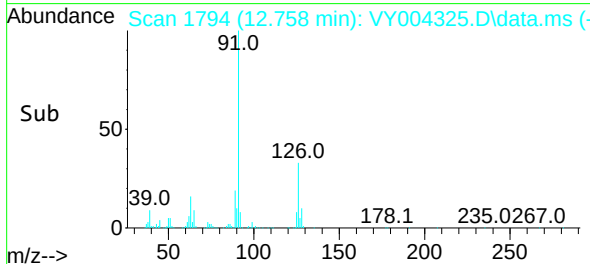
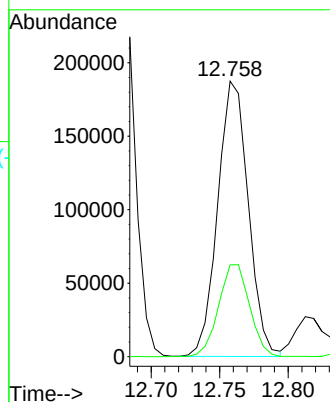
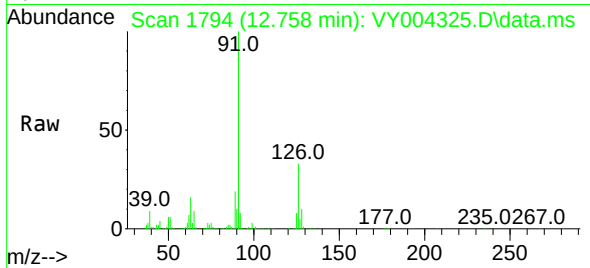
#79  
2-Chlorotoluene  
Concen: 55.08 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 91 Resp: 291498  
Ion Ratio Lower Upper  
91 100  
126 33.9 17.5 52.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

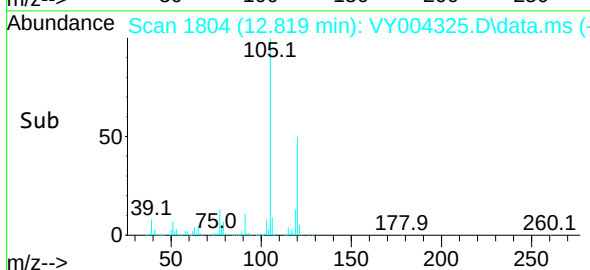
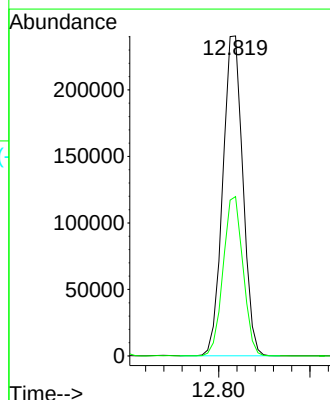
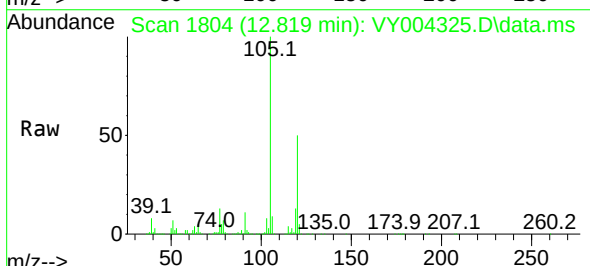
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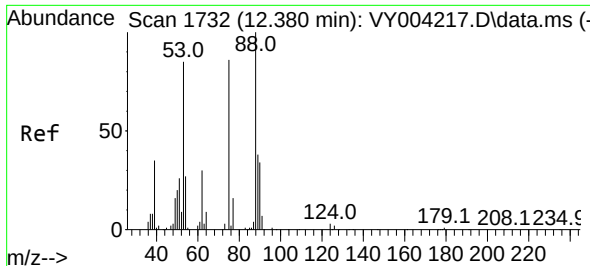
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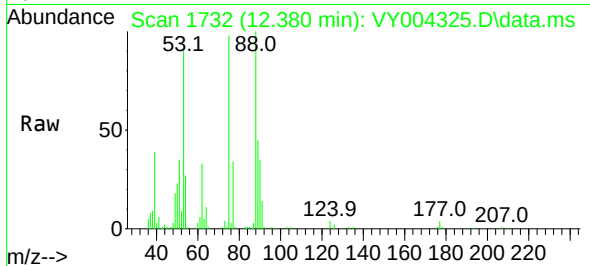
#80  
1,3,5-Trimethylbenzene  
Concen: 54.12 ug/l  
RT: 12.819 min Scan# 1804  
Delta R.T. 0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion: 105 Resp: 367525  
Ion Ratio Lower Upper  
105 100  
120 49.3 24.9 74.7

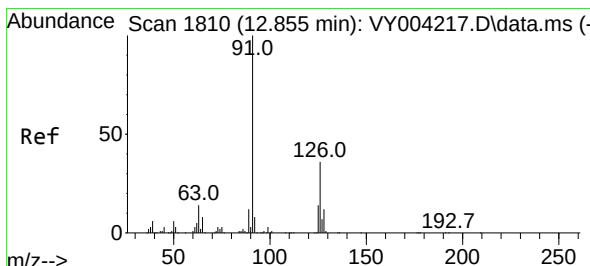
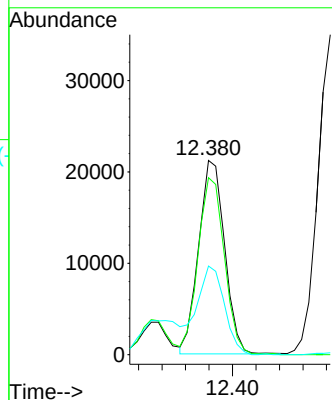
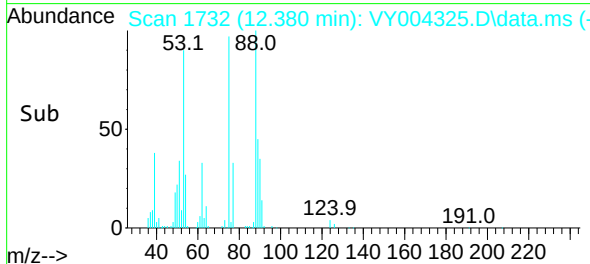




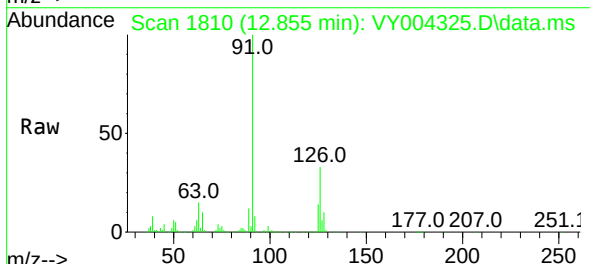
#81  
trans-1,4-Dichloro-2-butene  
Concen: 58.01 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



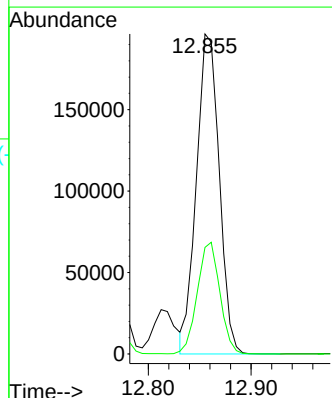
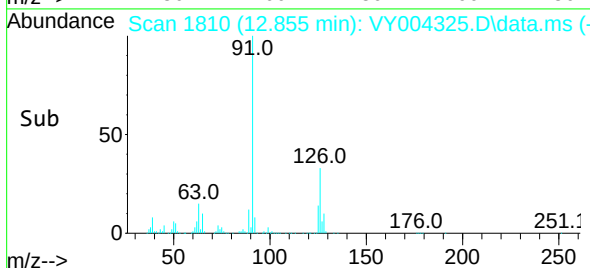
Tgt Ion: 75 Resp: 32568  
Ion Ratio Lower Upper  
75 100  
53 93.0 79.3 118.9  
89 49.5 39.4 59.2



#82  
4-Chlorotoluene  
Concen: 54.65 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



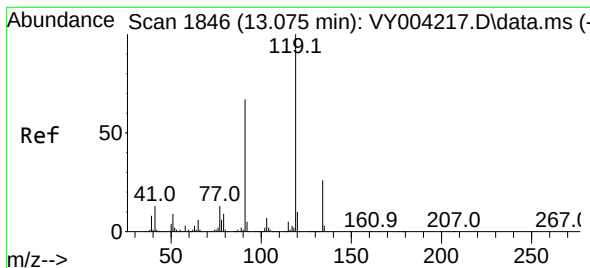
Tgt Ion: 91 Resp: 304362  
Ion Ratio Lower Upper  
91 100  
126 34.5 17.8 53.4



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

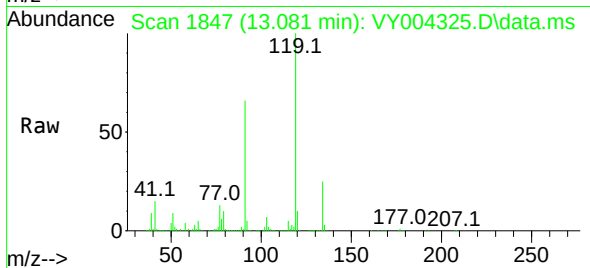
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#83  
tert-Butylbenzene  
Concen: 54.50 ug/l  
RT: 13.081 min Scan# 1847  
Delta R.T. 0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

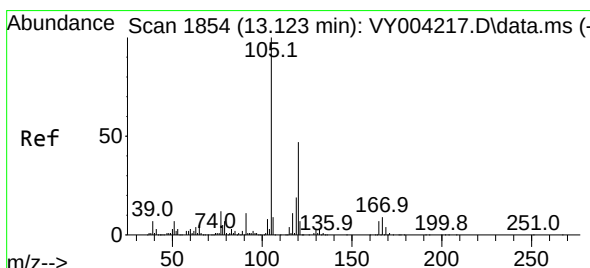
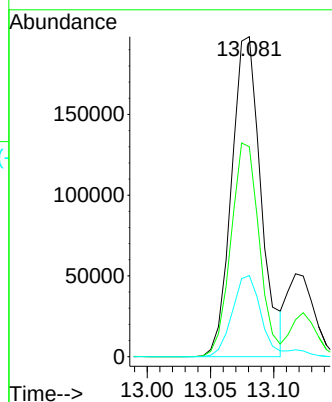
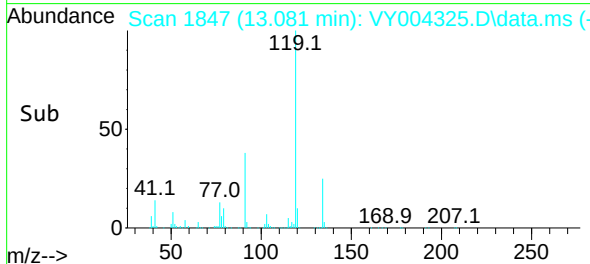
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050



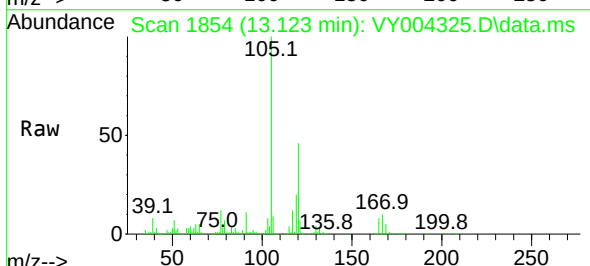
Tgt Ion:119 Resp: 319823  
Ion Ratio Lower Upper  
119 100  
91 64.4 33.1 99.2  
134 26.1 13.6 40.8

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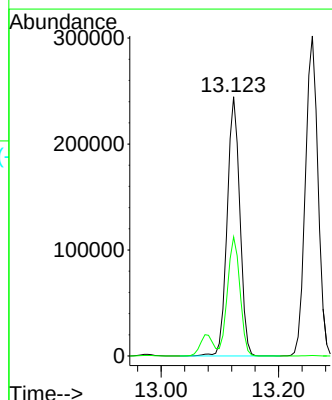
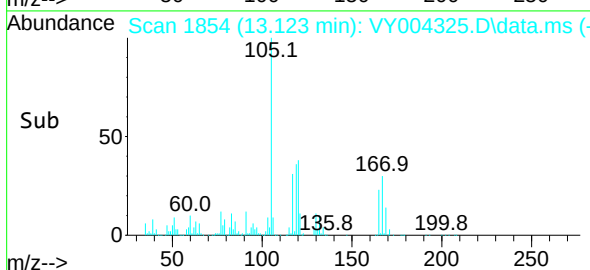
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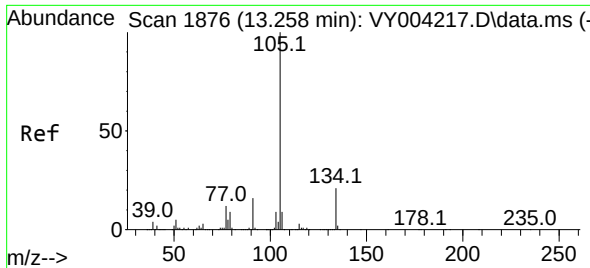


#84  
1,2,4-Trimethylbenzene  
Concen: 53.74 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



Tgt Ion:105 Resp: 366106  
Ion Ratio Lower Upper  
105 100  
120 45.0 22.9 68.7





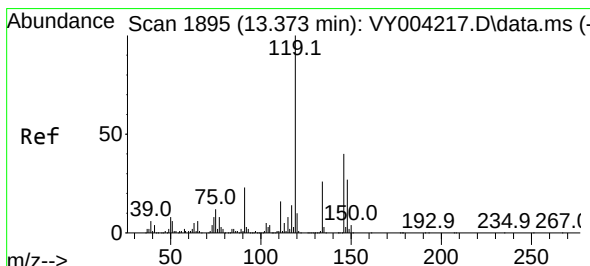
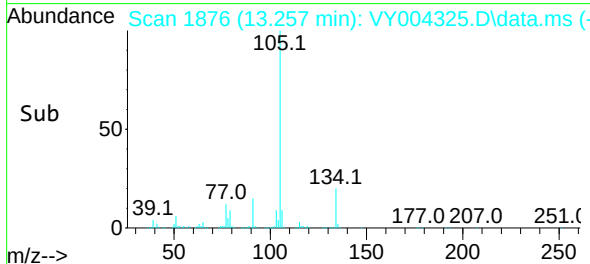
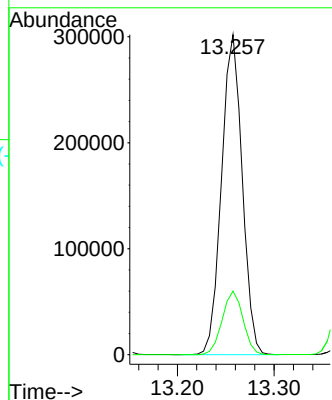
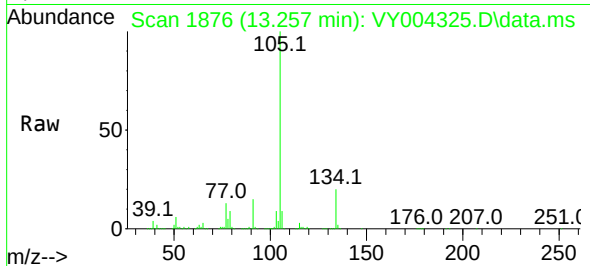
#85  
 sec-Butylbenzene  
 Concen: 55.33 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. -0.000 min  
 Lab File: VY004325.D  
 Acq: 08 Apr 2021 10:28

Tgt Ion:105 Resp: 446970  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 10.4 31.4

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

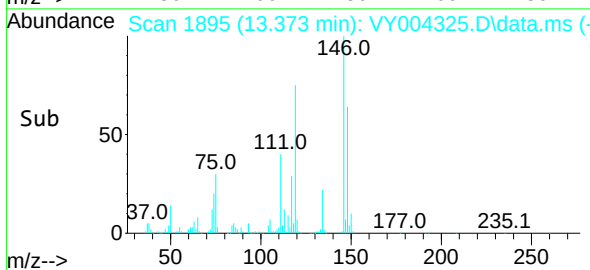
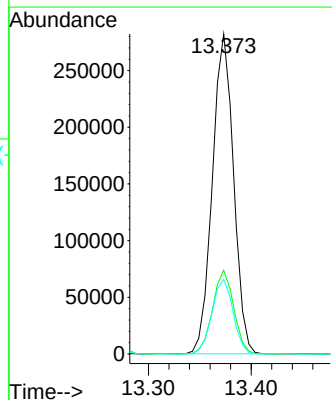
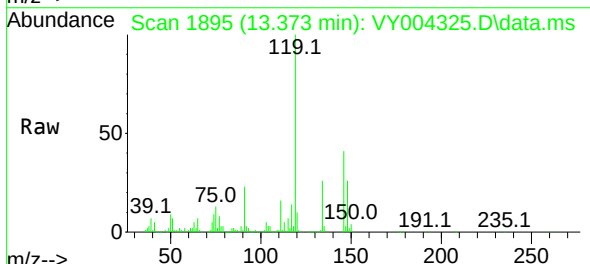
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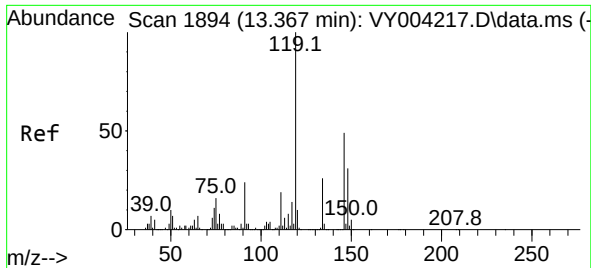
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#86  
 p-Isopropyltoluene  
 Concen: 53.68 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. -0.000 min  
 Lab File: VY004325.D  
 Acq: 08 Apr 2021 10:28

Tgt Ion:119 Resp: 403407  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.3 39.9  
 91 23.4 12.0 36.0





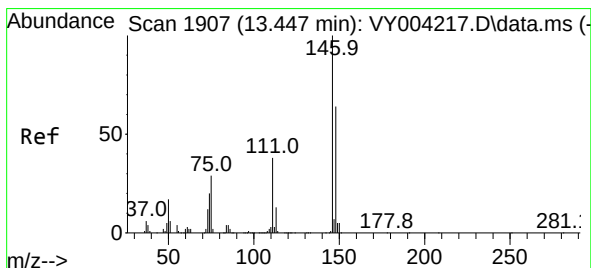
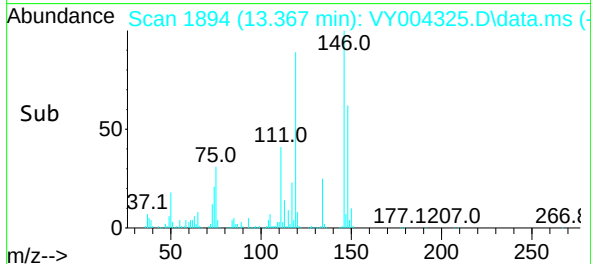
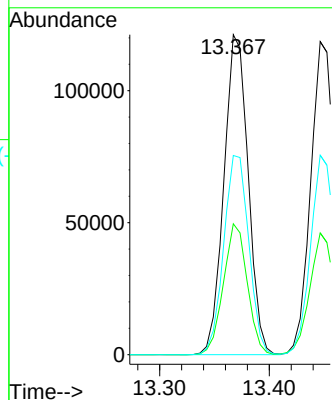
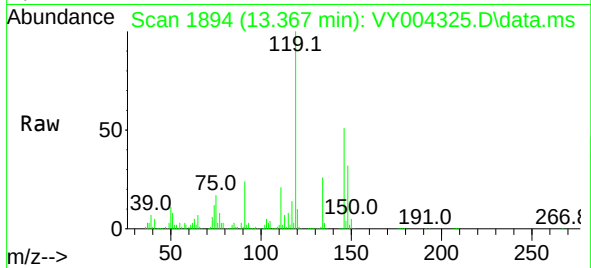
#87  
1,3-Dichlorobenzene  
Concen: 51.21 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion:146 Resp: 186221  
Ion Ratio Lower Upper  
146 100  
111 40.3 19.7 59.1  
148 64.4 32.0 96.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

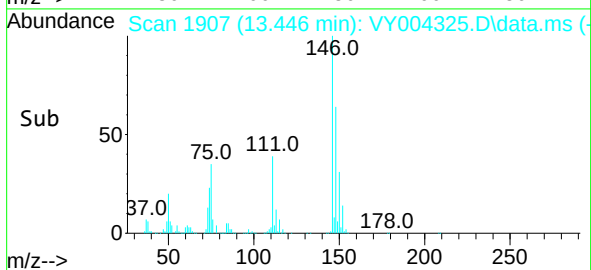
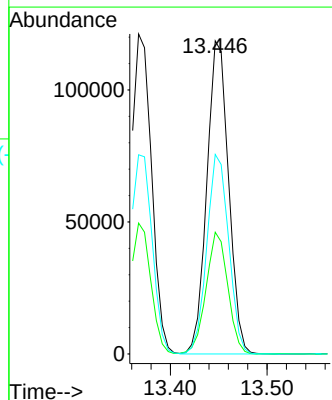
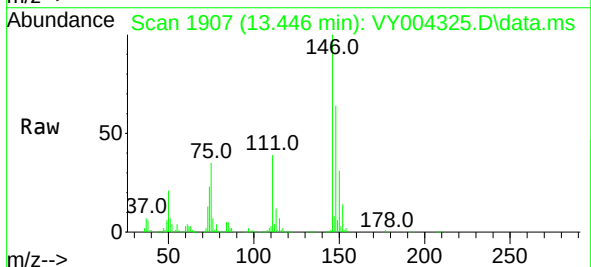
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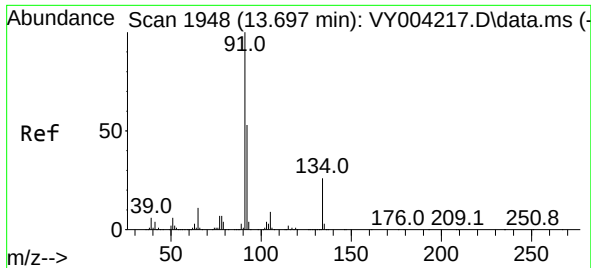


#88  
1,4-Dichlorobenzene  
Concen: 51.64 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

Tgt Ion:146 Resp: 185518  
Ion Ratio Lower Upper  
146 100  
111 38.9 19.1 57.3  
148 64.1 31.9 95.9







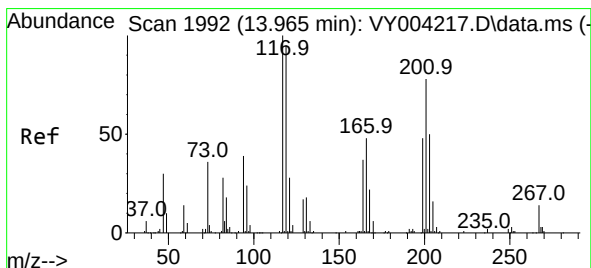
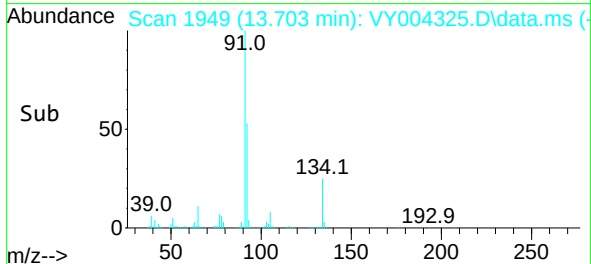
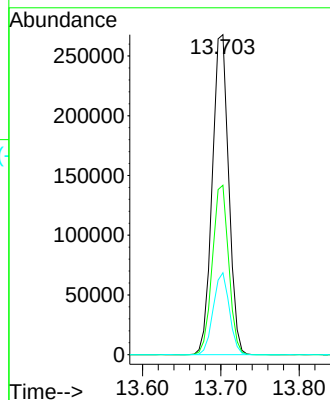
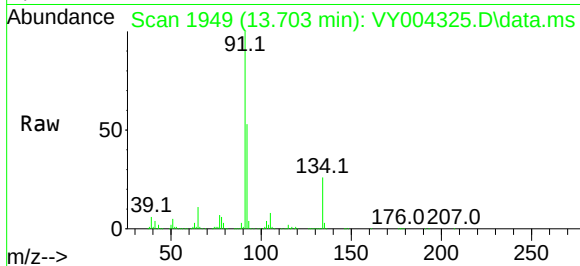
#89  
n-Butylbenzene  
Concen: 56.44 ug/l  
RT: 13.703 min Scan# 1949  
Delta R.T. 0.006 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 390039 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 52.6  | 26.5  | 79.4   |
| 134       | 25.2  | 13.6  | 40.7   |

Instrument :  
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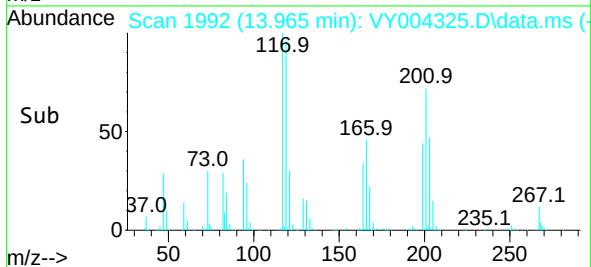
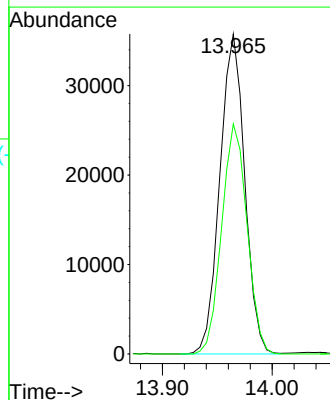
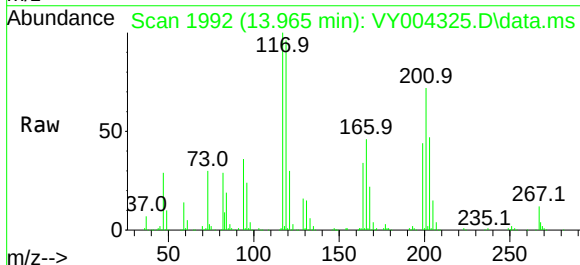
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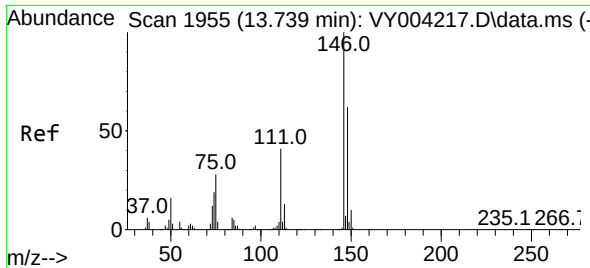
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#90  
Hexachloroethane  
Concen: 79.42 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 56327 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 73.1  | 37.6  | 112.9 |





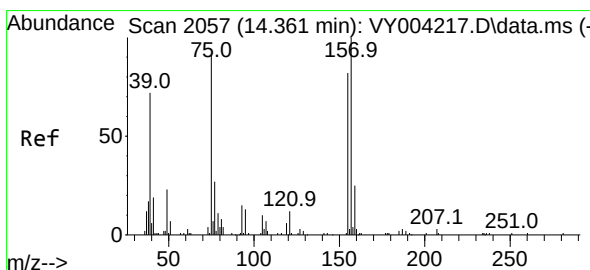
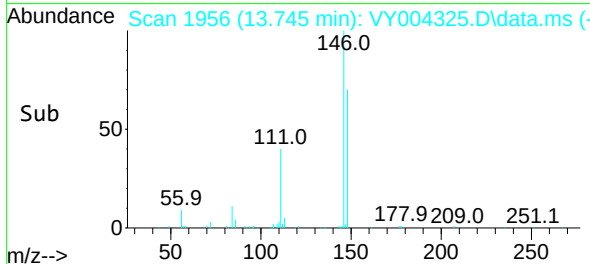
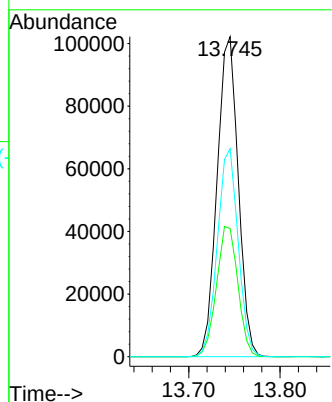
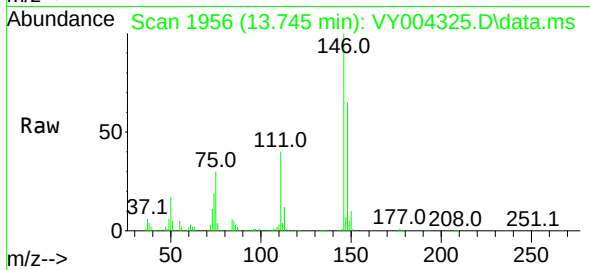
#91  
1,2-Dichlorobenzene  
Concen: 50.34 ug/l  
RT: 13.745 min Scan# 1956  
Delta R.T. 0.006 min  
Lab File: VY004325.D  
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Tgt Ion:146 Resp: 164323  
Ion Ratio Lower Upper  
146 100  
111 41.2 20.1 60.3  
148 63.9 31.6 94.7

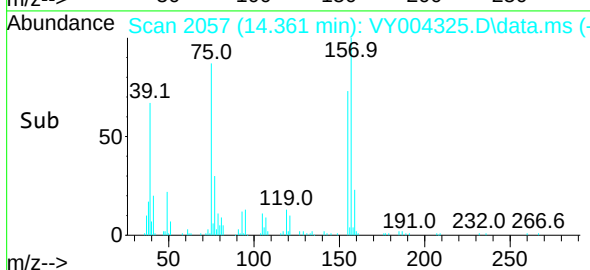
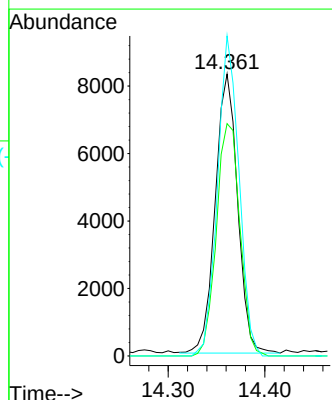
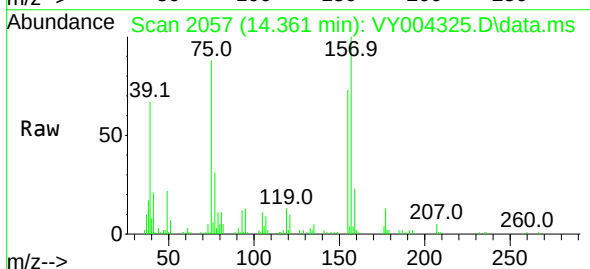
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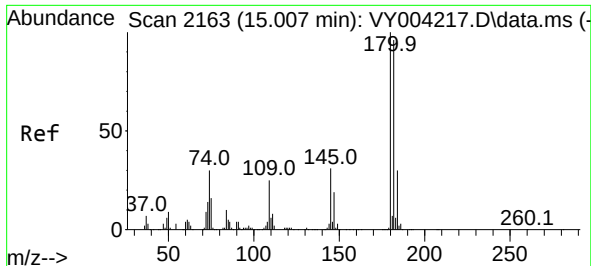
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.09 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
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Tgt Ion: 75 Resp: 13252  
Ion Ratio Lower Upper  
75 100  
155 87.5 46.3 138.8  
157 110.0 58.3 174.9





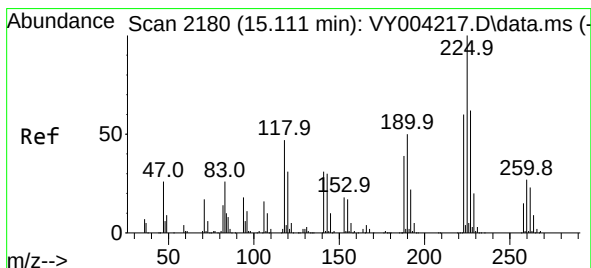
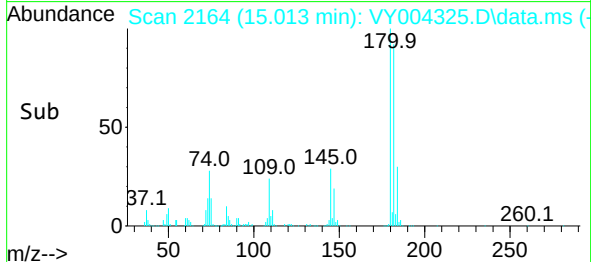
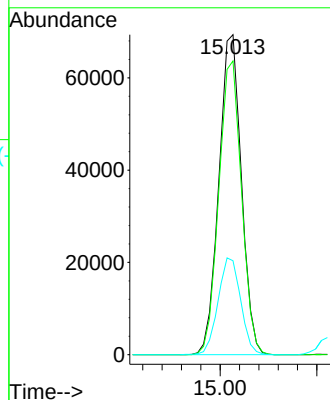
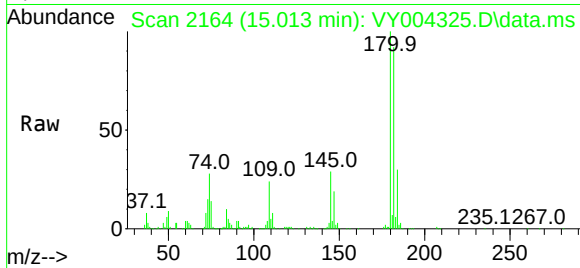
#93  
1,2,4-Trichlorobenzene  
Concen: 48.21 ug/l  
RT: 15.013 min Scan# 2164  
Delta R.T. 0.006 min  
Lab File: VY004325.D  
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Tgt Ion:180 Resp: 111848  
Ion Ratio Lower Upper  
180 100  
182 92.7 47.3 141.8  
145 30.5 15.2 45.5

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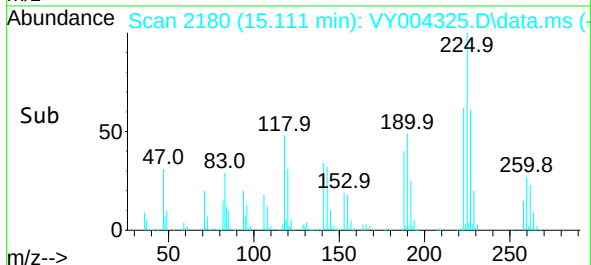
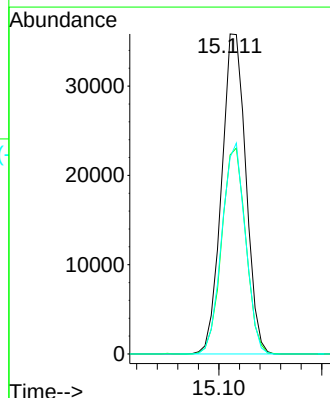
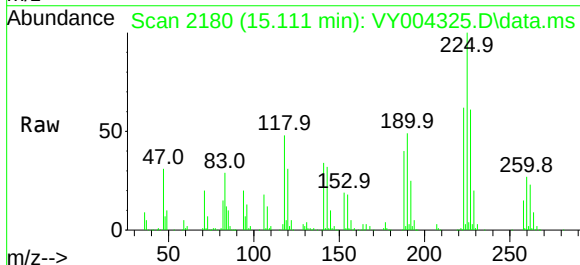
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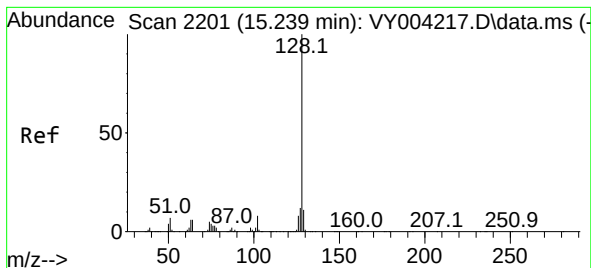
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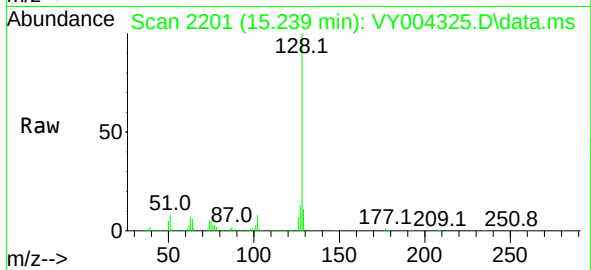
#94  
Hexachlorobutadiene  
Concen: 47.55 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
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Tgt Ion:225 Resp: 58658  
Ion Ratio Lower Upper  
225 100  
223 63.8 31.6 95.0  
227 64.0 31.8 95.4

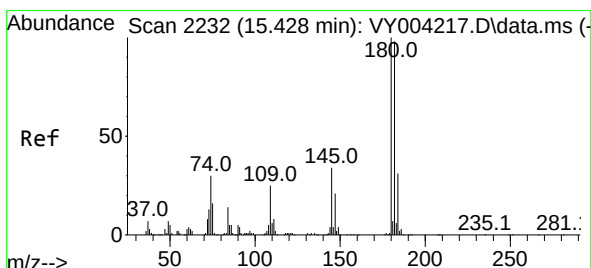
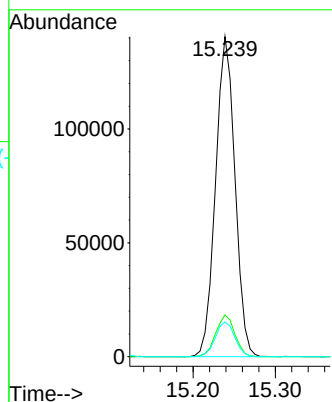
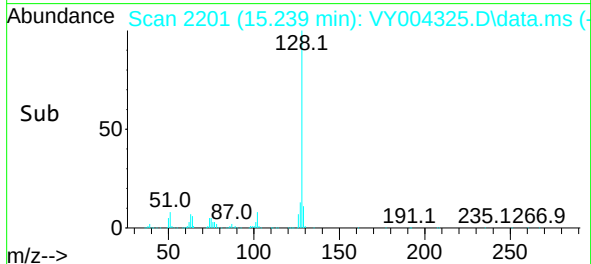




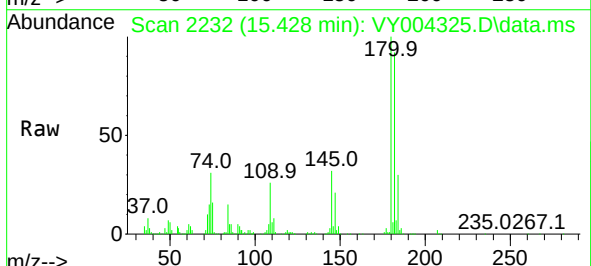
#95  
Naphthalene  
Concen: 46.80 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
Acq: 08 Apr 2021 10:28



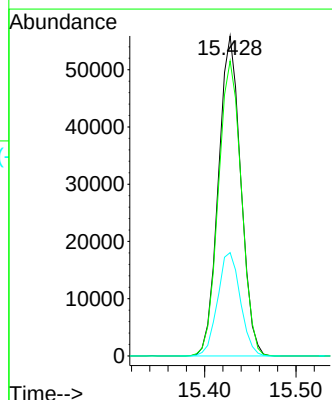
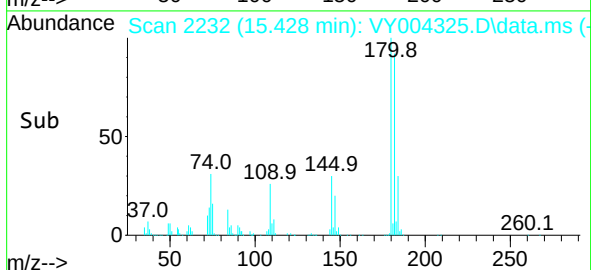
Tgt Ion:128 Resp: 230312  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.1 15.1  
129 11.0 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 44.83 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY004325.D  
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Tgt Ion:180 Resp: 95029  
Ion Ratio Lower Upper  
180 100  
182 94.7 48.0 144.0  
145 32.9 16.7 50.0



Instrument :  
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