

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032921\  
 Data File : VY004217.D  
 Acq On : 29 Mar 2021 17:54  
 Operator : SY/MD  
 Sample : VSTDICCC050  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 3/30/2021 7:22:52 PM

Quant Time: Mar 30 06:15:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 30 06:12:49 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc   | Units | Dev(Min) |
|------------------------------|----------------|------|------------|--------|-------|----------|
| -----                        |                |      |            |        |       |          |
| Internal Standards           |                |      |            |        |       |          |
| 1) Pentafluorobenzene        | 7.801          | 168  | 199035     | 50.00  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697          | 114  | 307956     | 50.00  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.496         | 117  | 274856     | 50.00  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 130712     | 50.00  | ug/l  | 0.00     |
|                              |                |      |            |        |       |          |
| System Monitoring Compounds  |                |      |            |        |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.149          | 65   | 93548      | 48.27  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 96.54% |       |          |
| 35) Dibromofluoromethane     | 7.728          | 113  | 84168      | 48.95  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 97.90% |       |          |
| 50) Toluene-d8               | 10.185         | 98   | 310396     | 46.32  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 92.64% |       |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 107709     | 44.06  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 88.12% |       |          |
|                              |                |      |            |        |       |          |
| Target Compounds             |                |      |            |        |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.906          | 85   | 85682      | 51.41  | ug/l  | 100      |
| 3) Chloromethane             | 2.119          | 50   | 116689     | 52.59  | ug/l  | 100      |
| 4) Vinyl Chloride            | 2.253          | 62   | 127847     | 51.88  | ug/l  | 100      |
| 5) Bromomethane              | 2.656          | 94   | 68795      | 44.79  | ug/l  | 100      |
| 6) Chloroethane              | 2.802          | 64   | 82164      | 54.49  | ug/l  | 100      |
| 7) Trichlorofluoromethane    | 3.131          | 101  | 167364     | 51.47  | ug/l  | 100      |
| 8) Diethyl Ether             | 3.534          | 74   | 53887      | 52.07  | ug/l  | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 3.912          | 101  | 89795      | 49.75  | ug/l  | 100      |
| 10) Methyl Iodide            | 4.101          | 142  | 106508     | 56.80  | ug/l  | 100      |
| 11) Tert butyl alcohol       | 4.979          | 59   | 41020      | 236.13 | ug/l  | 100      |
| 12) 1,1-Dichloroethene       | 3.881          | 96   | 89756      | 50.60  | ug/l  | 100      |
| 13) Acrolein                 | 3.735          | 56   | 30497      | 187.57 | ug/l  | 100      |
| 14) Allyl chloride           | 4.491          | 41   | 143992     | 49.60  | ug/l  | 100      |
| 15) Acrylonitrile            | 5.180          | 53   | 133019     | 260.51 | ug/l  | 100      |
| 16) Acetone                  | 3.954          | 43   | 97821      | 215.62 | ug/l  | 100      |
| 17) Carbon Disulfide         | 4.204          | 76   | 244664     | 47.36  | ug/l  | 100      |
| 18) Methyl Acetate           | 4.491          | 43   | 65437      | 55.08  | ug/l  | 100      |
| 19) Methyl tert-butyl Ether  | 5.235          | 73   | 269479     | 53.53  | ug/l  | 100      |
| 20) Methylene Chloride       | 4.735          | 84   | 98109      | 42.72  | ug/l  | 100      |
| 21) trans-1,2-Dichloroethene | 5.235          | 96   | 102671     | 51.52  | ug/l  | 100      |
| 22) Diisopropyl ether        | 6.131          | 45   | 311758     | 50.76  | ug/l  | 100      |
| 23) Vinyl Acetate            | 6.076          | 43   | 1080780    | 266.11 | ug/l  | 100      |
| 24) 1,1-Dichloroethane       | 6.033          | 63   | 172030     | 50.41  | ug/l  | 100      |
| 25) 2-Butanone               | 6.997          | 43   | 175492     | 258.43 | ug/l  | 100      |
| 26) 2,2-Dichloropropane      | 6.990          | 77   | 159566     | 49.18  | ug/l  | 100      |
| 27) cis-1,2-Dichloroethene   | 6.997          | 96   | 114274     | 50.59  | ug/l  | 100      |
| 28) Bromochloromethane       | 7.344          | 49   | 65157      | 44.72  | ug/l  | 100      |
| 29) Tetrahydrofuran          | 7.356          | 42   | 121129     | 270.73 | ug/l  | 100      |
| 30) Chloroform               | 7.521          | 83   | 181541     | 51.22  | ug/l  | 100      |
| 31) Cyclohexane              | 7.789          | 56   | 160016     | 46.31  | ug/l  | 100      |
| 32) 1,1,1-Trichloroethane    | 7.710          | 97   | 166622     | 50.76  | ug/l  | 100      |
| 36) 1,1-Dichloropropene      | 7.929          | 75   | 141128     | 51.53  | ug/l  | 100      |
| 37) Ethyl Acetate            | 7.088          | 43   | 83339      | 56.28  | ug/l  | 100      |
| 38) Carbon Tetrachloride     | 7.911          | 117  | 127857     | 45.18  | ug/l  | 100      |
| 39) Methylcyclohexane        | 9.185          | 83   | 175925     | 49.96  | ug/l  | 100      |
| 40) Benzene                  | 8.167          | 78   | 399549     | 51.80  | ug/l  | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032921\  
 Data File : VY004217.D  
 Acq On : 29 Mar 2021 17:54  
 Operator : SY/MD  
 Sample : VSTDICCC050  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 3/30/2021 7:22:52 PM

Quant Time: Mar 30 06:15:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 30 06:12:49 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.332  | 41   | 44632m   | 49.44  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 127091   | 53.75  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.283  | 43   | 162120   | 54.84  | ug/l   | 100      |
| 44) Trichloroethene           | 8.947  | 130  | 125678   | 55.44  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 99034    | 51.61  | ug/l   | 100      |
| 46) Dibromomethane            | 9.313  | 93   | 59215    | 53.68  | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.502  | 83   | 141300   | 51.68  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.295  | 41   | 74962    | 53.62  | ug/l   | 100      |
| 49) 1,4-Dioxane               | 9.301  | 88   | 13628    | 991.79 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 416960   | 279.16 | ug/l   | 100      |
| 52) Toluene                   | 10.246 | 92   | 259224   | 51.89  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 151172   | 52.42  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 168541   | 52.11  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 80269    | 52.20  | ug/l   | 100      |
| 56) Ethyl methacrylate        | 10.514 | 69   | 113514   | 52.94  | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 139315   | 52.77  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 210089   | 221.21 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.837 | 43   | 288035   | 275.90 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.990 | 129  | 98374    | 51.24  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 79869    | 53.07  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 131956   | 55.65  | ug/l   | 100      |
| 65) Chlorobenzene             | 11.520 | 112  | 273162   | 51.45  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 98330    | 49.88  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.593 | 91   | 497387   | 50.95  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 382019   | 102.58 | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 178122   | 50.78  | ug/l   | 100      |
| 70) Styrene                   | 12.044 | 104  | 299023   | 49.97  | ug/l   | 100      |
| 71) Bromoform                 | 12.209 | 173  | 58056    | 49.67  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 479278   | 52.08  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 145406   | 55.26  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 90868    | 56.58  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 61669m   | 49.42  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 112713   | 52.95  | ug/l   | 100      |
| 78) n-propylbenzene           | 12.672 | 91   | 555634   | 51.38  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 306818   | 50.69  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 393650   | 50.73  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 32627    | 51.43  | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 318787   | 49.86  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.075 | 119  | 334130   | 50.18  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 392494   | 50.58  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.258 | 105  | 464874   | 50.57  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 435135   | 50.98  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 209427   | 51.31  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 208243   | 51.07  | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.697 | 91   | 403053   | 49.85  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.965 | 117  | 32901    | 23.85  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 189107   | 52.17  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 15959    | 53.13  | ug/l   | 100      |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 134563   | 54.30  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 72056    | 52.27  | ug/l   | 100      |
| 95) Naphthalene               | 15.239 | 128  | 289347   | 58.35  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 119416   | 56.84  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032921\  
Data File : VY004217.D  
Acq On : 29 Mar 2021 17:54  
Operator : SY/MD  
Sample : VSTDICCC050  
Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
APPROVED

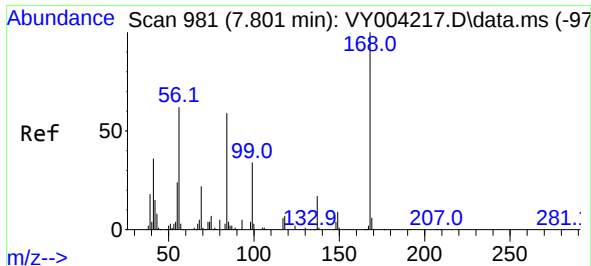
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3/30/2021 7:22:52 PM

Quant Time: Mar 30 06:15:35 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 30 06:12:49 2021  
Response via : Initial Calibration

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

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





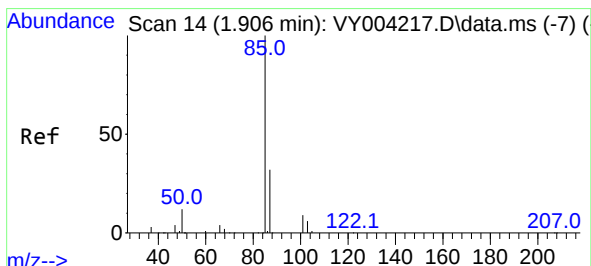
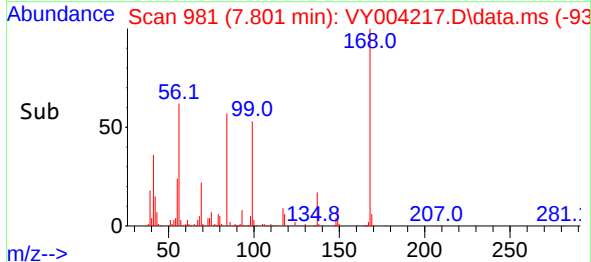
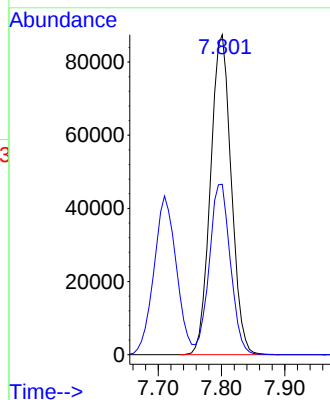
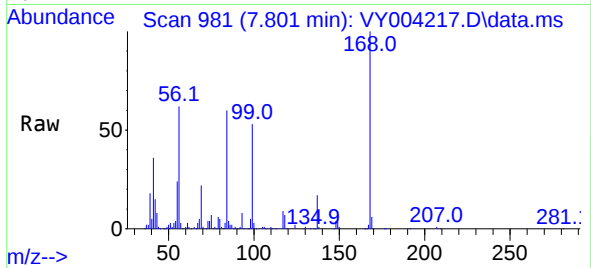
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Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 168 Resp: 199035  
Ion Ratio Lower Upper  
168 100  
99 53.3 42.6 64.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

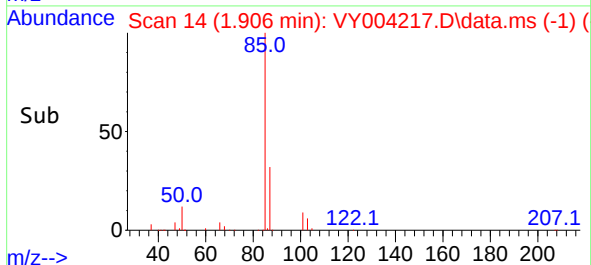
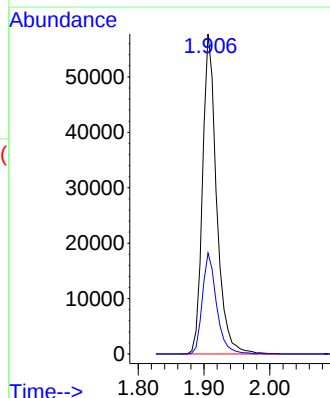
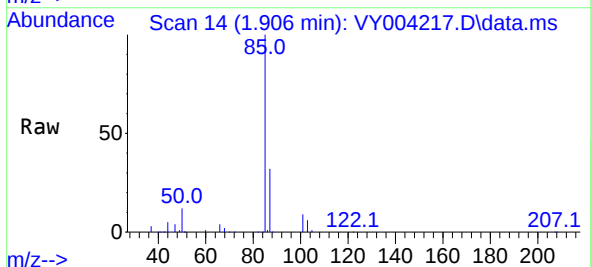
Manual Integrations  
APPROVED

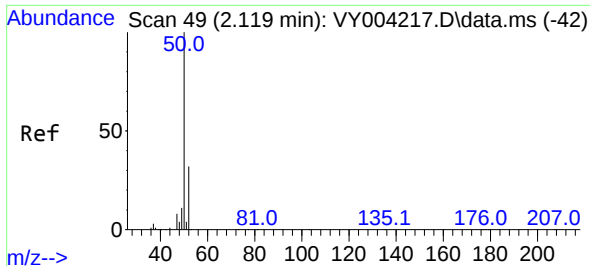
MMDadoda  
3/30/2021 7:22:52 PM



#2  
Dichlorodifluoromethane  
Concen: 51.41 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

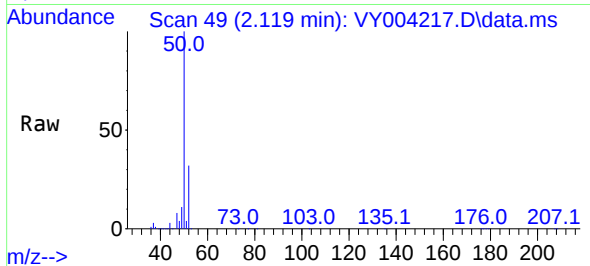
Tgt Ion: 85 Resp: 85682  
Ion Ratio Lower Upper  
85 100  
87 31.6 15.8 47.4





#3  
Chloromethane  
Concen: 52.59 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

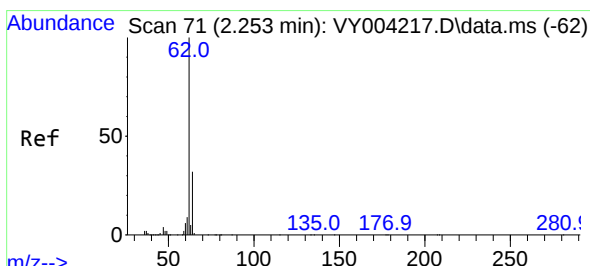
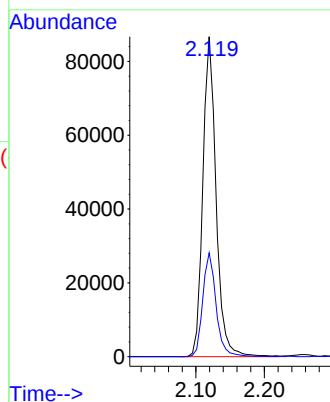
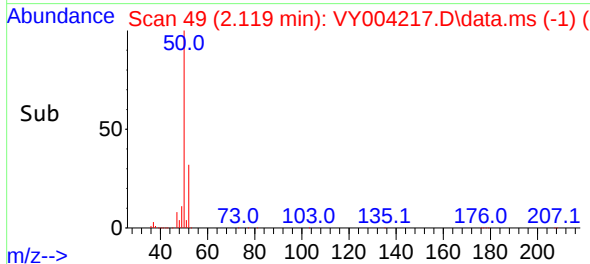
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



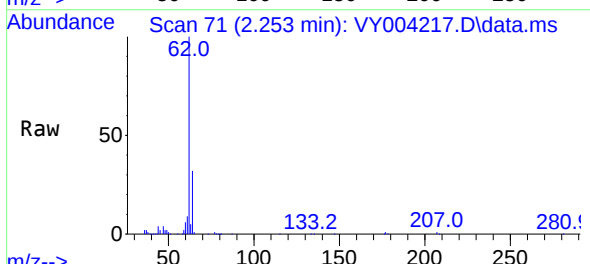
Tgt Ion: 50 Resp: 116689  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.9 38.9

Manual Integrations  
APPROVED

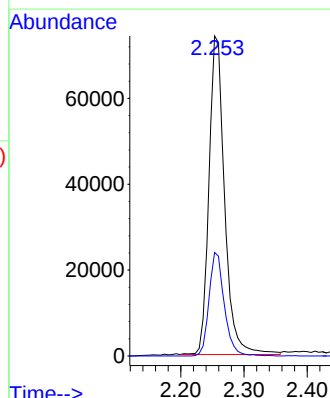
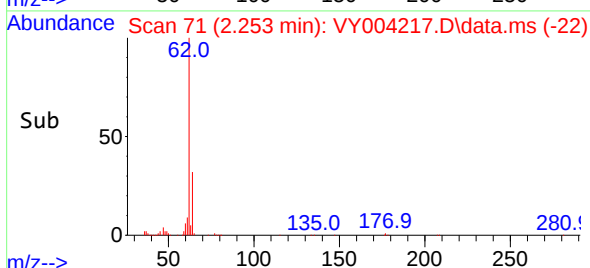
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3/30/2021 7:22:52 PM

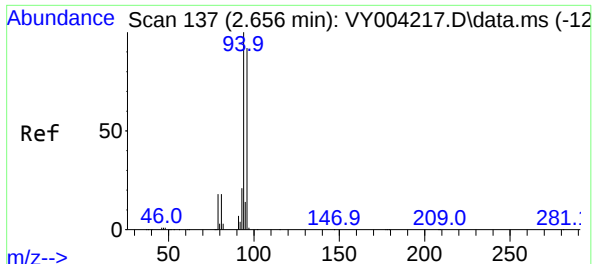


#4  
Vinyl Chloride  
Concen: 51.88 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



Tgt Ion: 62 Resp: 127847  
Ion Ratio Lower Upper  
62 100  
64 32.5 26.0 39.0





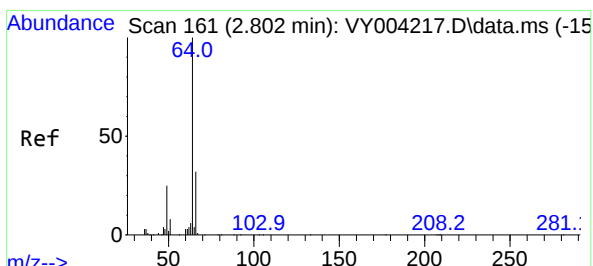
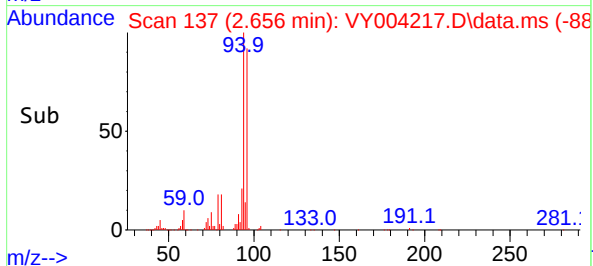
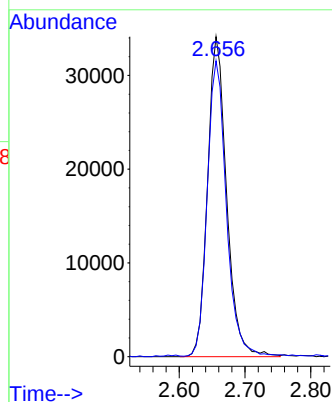
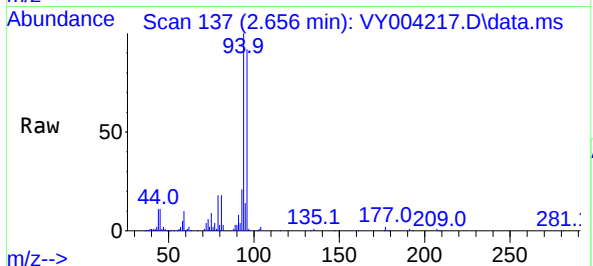
#5  
Bromomethane  
Concen: 44.79 ug/l  
RT: 2.656 min Scan# 137  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 94 Resp: 68795  
Ion Ratio Lower Upper  
94 100  
96 92.2 73.8 110.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

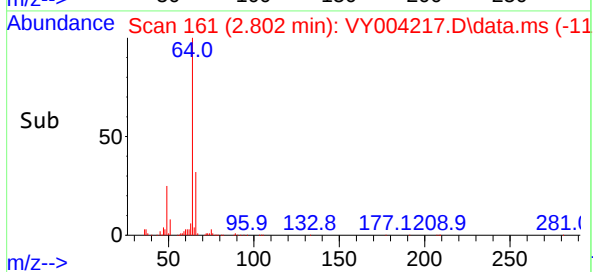
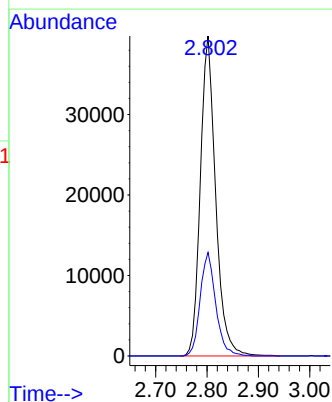
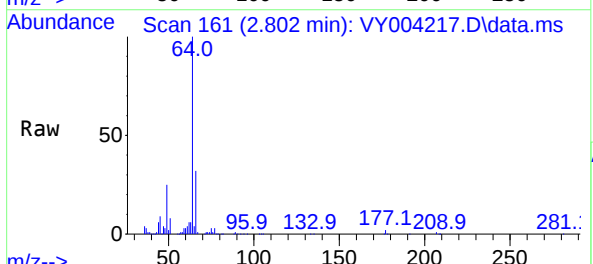
Manual Integrations  
APPROVED

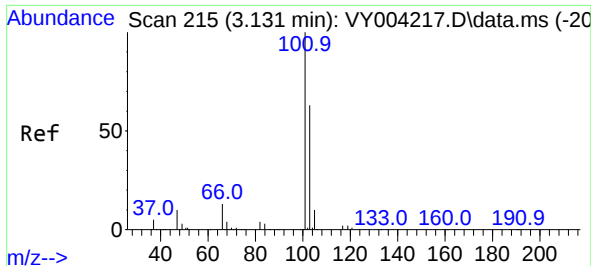
MMDadoda  
3/30/2021 7:22:52 PM



#6  
Chloroethane  
Concen: 54.49 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 64 Resp: 82164  
Ion Ratio Lower Upper  
64 100  
66 32.3 25.8 38.8





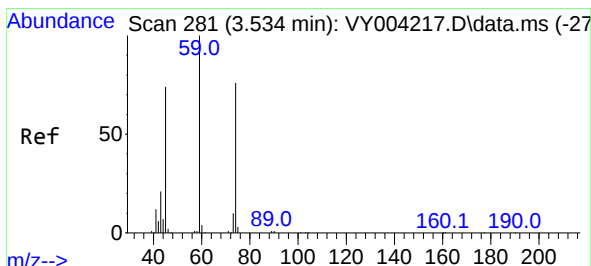
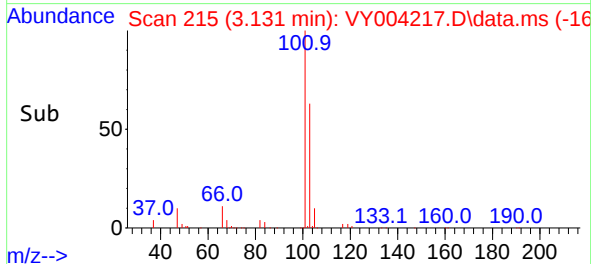
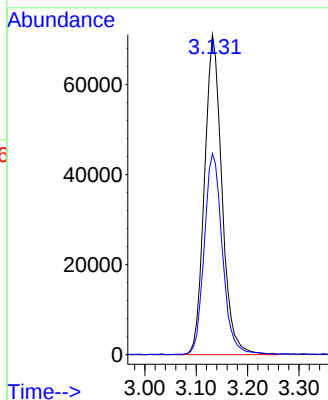
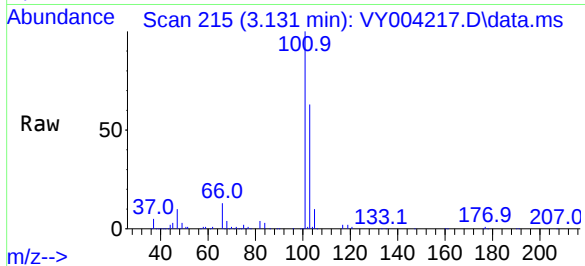
#7  
Trichlorofluoromethane  
Concen: 51.47 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion:101 Resp: 167364  
Ion Ratio Lower Upper  
101 100  
103 62.7 50.2 75.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

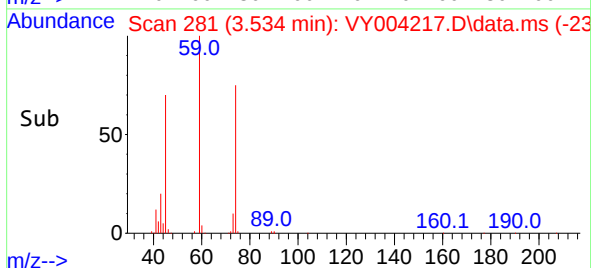
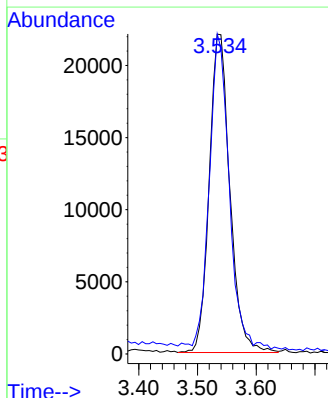
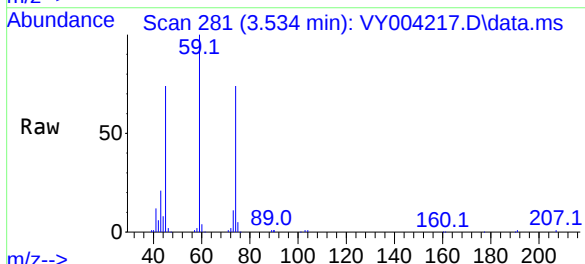
Manual Integrations  
APPROVED

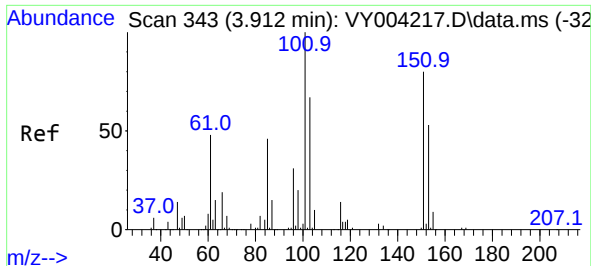
MMDadoda  
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#8  
Diethyl Ether  
Concen: 52.07 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 74 Resp: 53887  
Ion Ratio Lower Upper  
74 100  
45 96.2 48.1 144.3





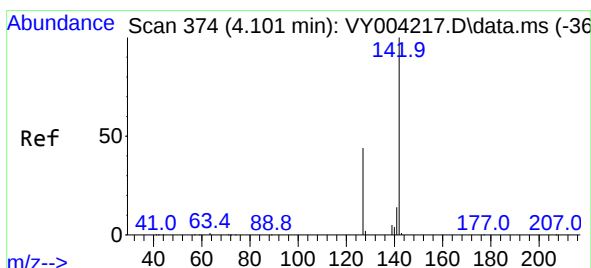
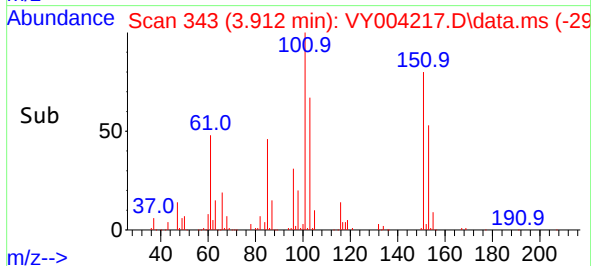
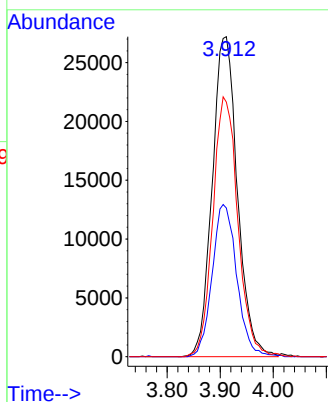
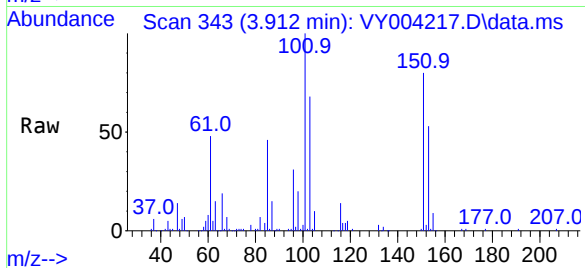
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.75 ug/l  
RT: 3.912 min Scan# 343  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion:101 Resp: 89795  
Ion Ratio Lower Upper  
101 100  
85 46.5 37.2 55.8  
151 80.2 64.2 96.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

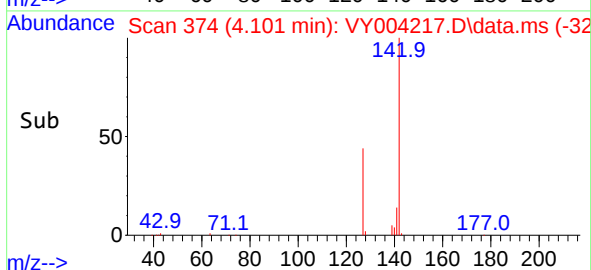
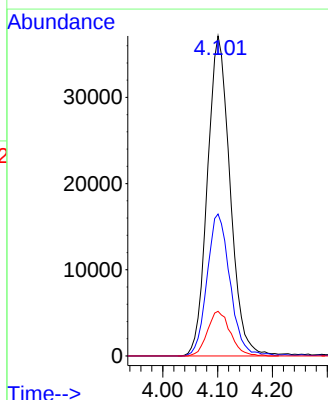
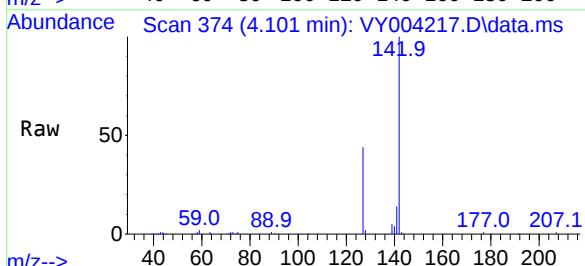
Manual Integrations  
APPROVED

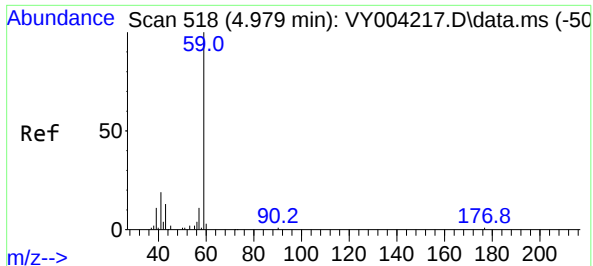
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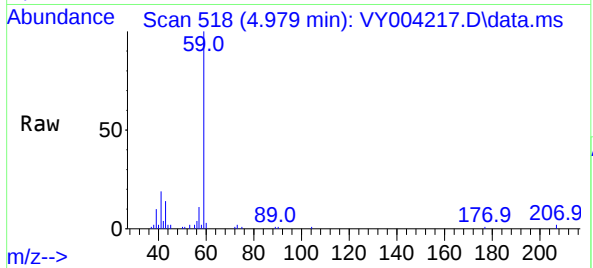
#10  
Methyl Iodide  
Concen: 56.80 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion:142 Resp: 106508  
Ion Ratio Lower Upper  
142 100  
127 45.0 36.0 54.0  
141 14.1 11.3 16.9

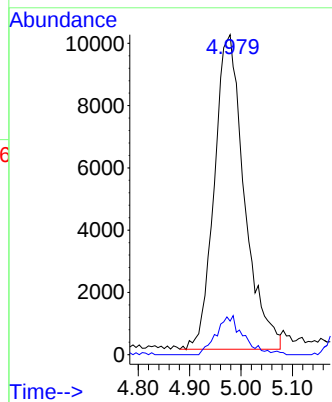
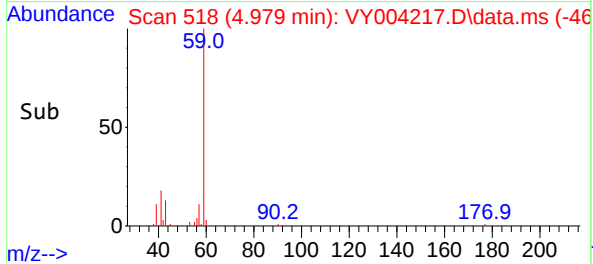




#11  
Tert butyl alcohol  
Concen: 236.13 ug/l  
RT: 4.979 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



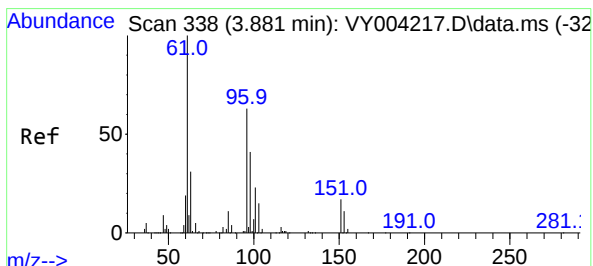
Tgt Ion: 59 Resp: 41020  
Ion Ratio Lower Upper  
59 100  
57 11.1 8.9 13.3



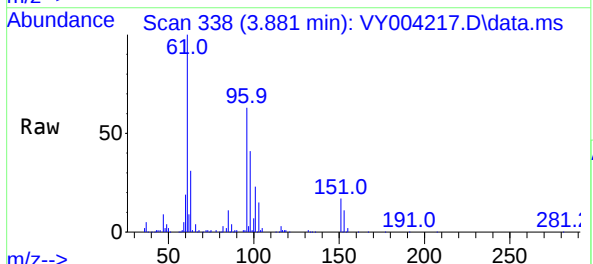
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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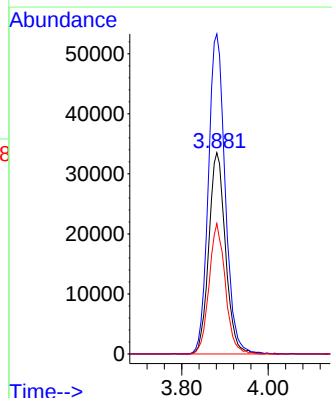
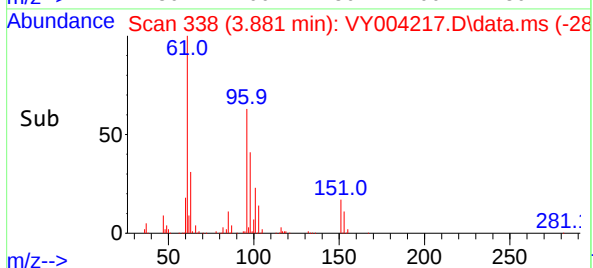
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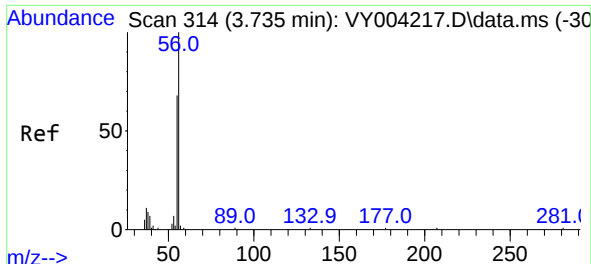


#12  
1,1-Dichloroethene  
Concen: 50.60 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

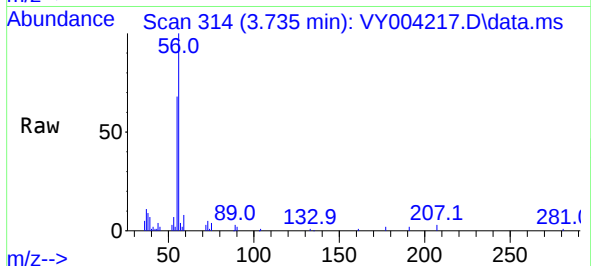


Tgt Ion: 96 Resp: 89756  
Ion Ratio Lower Upper  
96 100  
61 159.0 127.2 190.8  
98 64.8 51.8 77.8

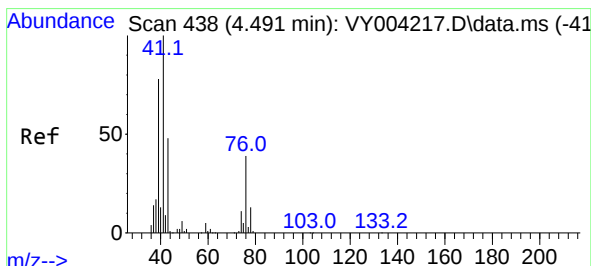
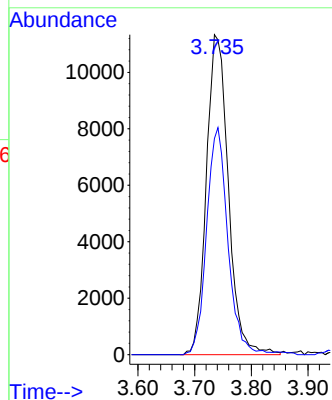
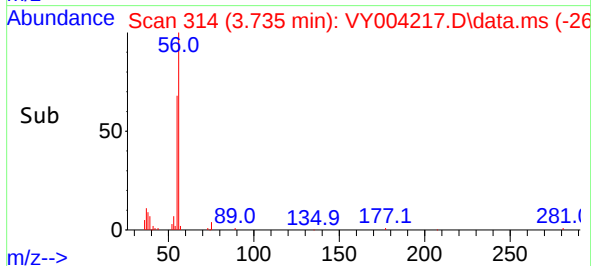




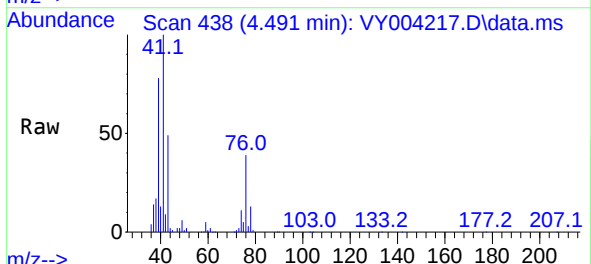
#13  
Acrolein  
Concen: 187.57 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



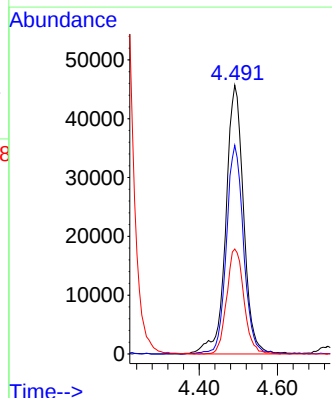
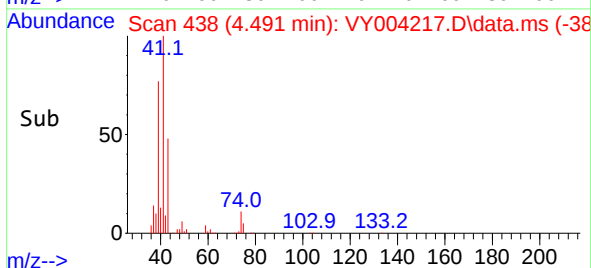
Tgt Ion: 56 Resp: 30497  
Ion Ratio Lower Upper  
56 100  
55 68.7 55.0 82.4



#14  
Allyl chloride  
Concen: 49.60 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



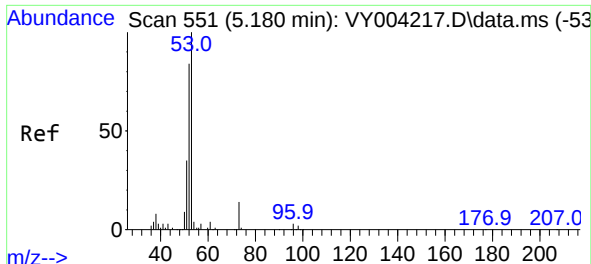
Tgt Ion: 41 Resp: 143992  
Ion Ratio Lower Upper  
41 100  
39 75.3 60.2 90.4  
76 37.9 30.3 45.5



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

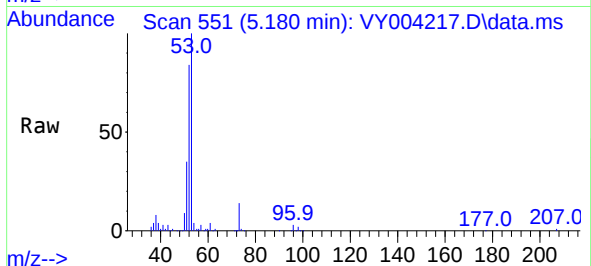
Manual Integrations  
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#15  
Acrylonitrile  
Concen: 260.51 ug/l  
RT: 5.180 min Scan# 551  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

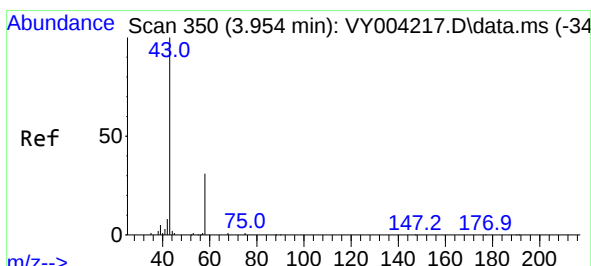
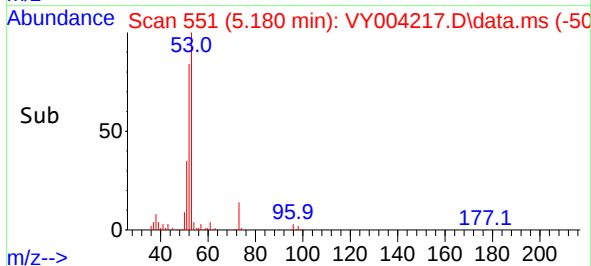
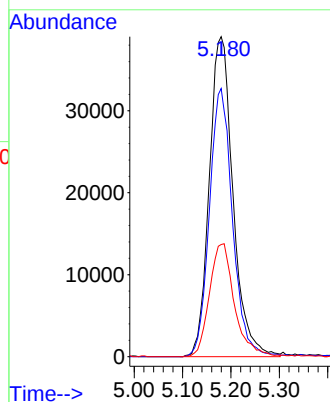
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 53 Resp: 133019  
Ion Ratio Lower Upper  
53 100  
52 81.6 65.3 97.9  
51 37.3 29.8 44.8

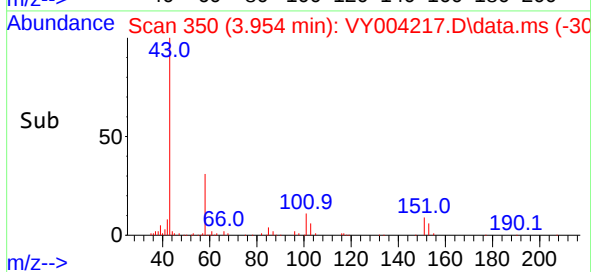
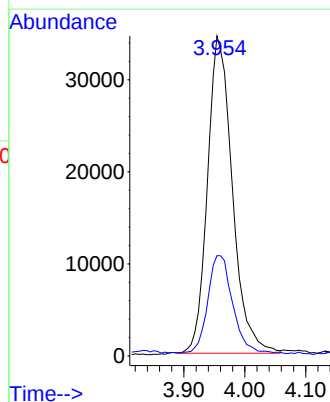
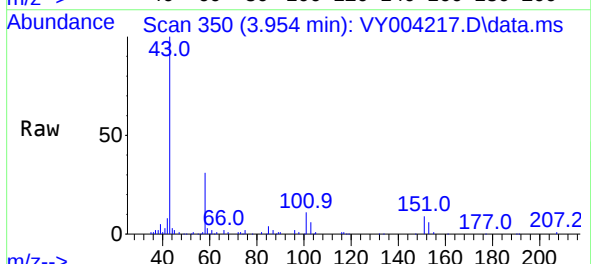
Manual Integrations  
APPROVED

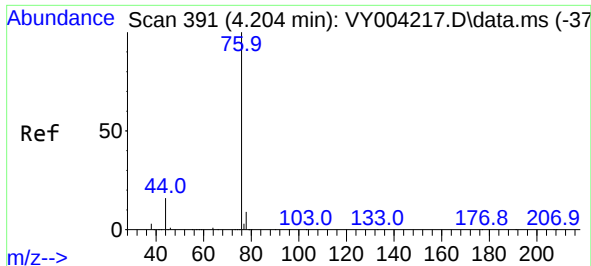
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#16  
Acetone  
Concen: 215.62 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

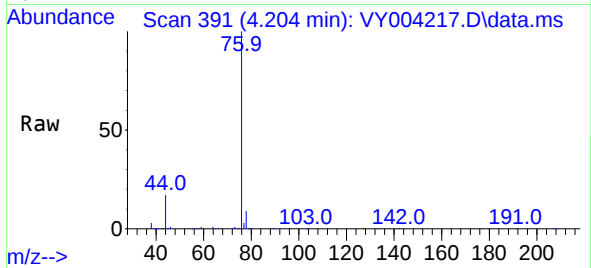
Tgt Ion: 43 Resp: 97821  
Ion Ratio Lower Upper  
43 100  
58 30.6 24.5 36.7





#17  
Carbon Disulfide  
Concen: 47.36 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

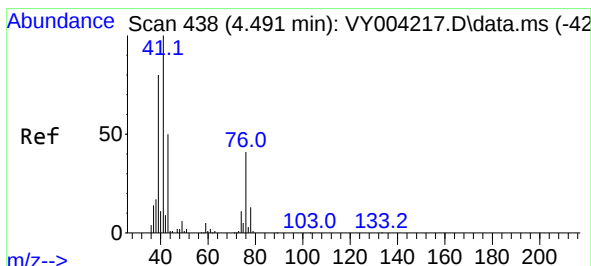
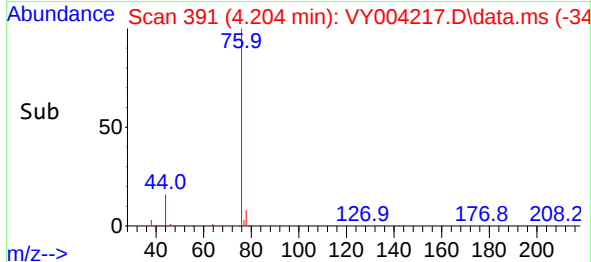
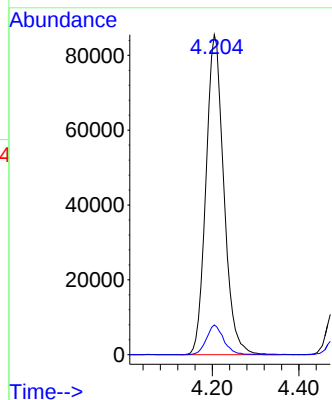
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 76 Resp: 244664  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.2

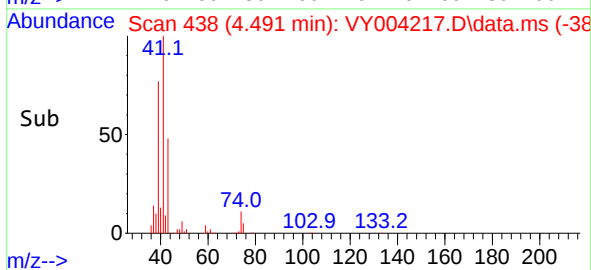
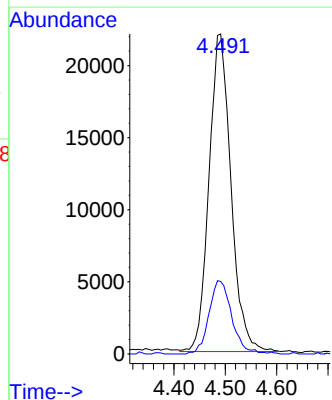
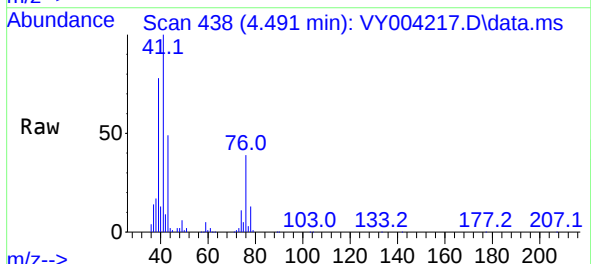
Manual Integrations  
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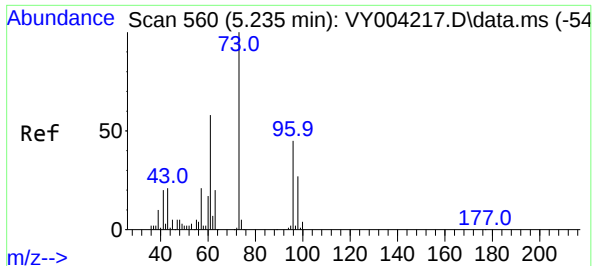
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#18  
Methyl Acetate  
Concen: 55.08 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 43 Resp: 65437  
Ion Ratio Lower Upper  
43 100  
74 23.9 19.1 28.7





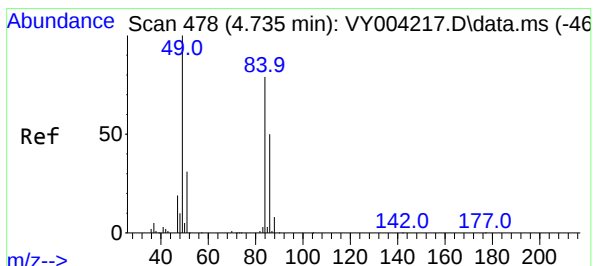
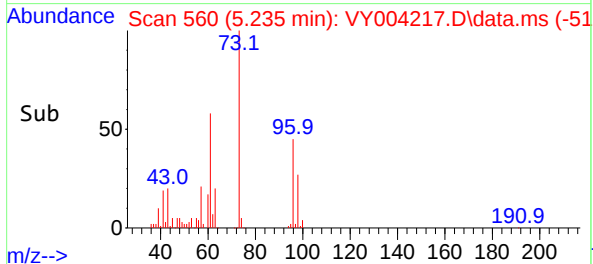
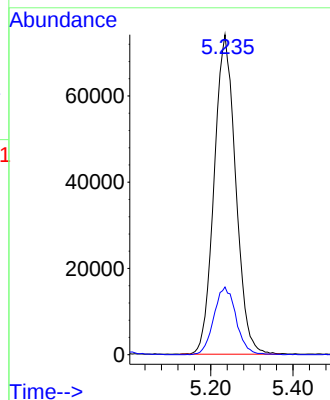
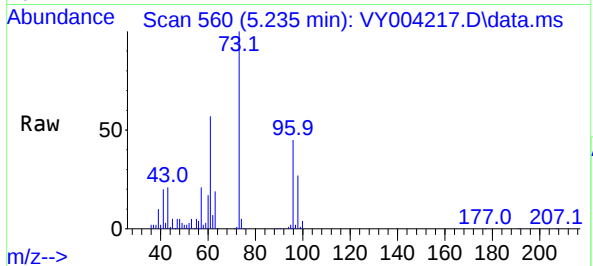
#19  
Methyl tert-butyl Ether  
Concen: 53.53 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 73 Resp: 269479  
Ion Ratio Lower Upper  
73 100  
57 21.2 17.0 25.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

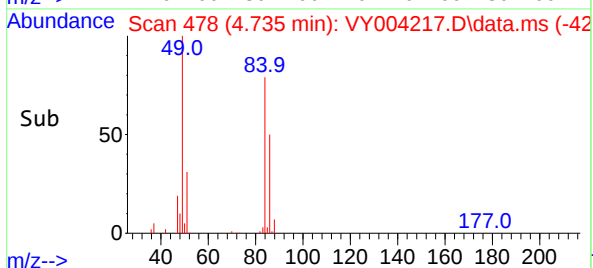
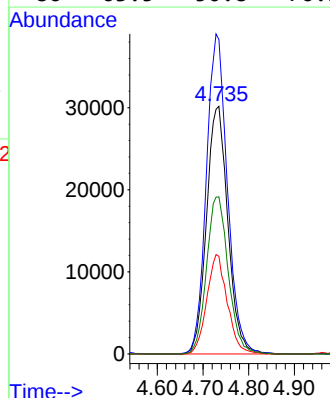
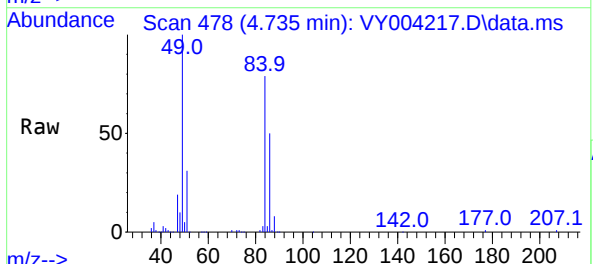
Manual Integrations  
APPROVED

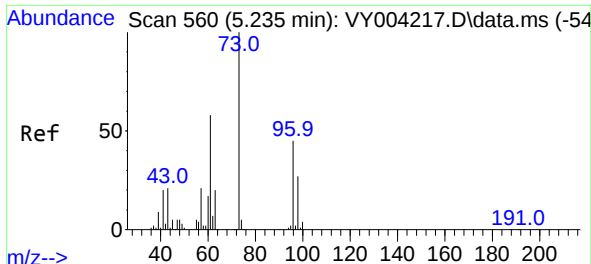
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#20  
Methylene Chloride  
Concen: 42.72 ug/l  
RT: 4.735 min Scan# 478  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

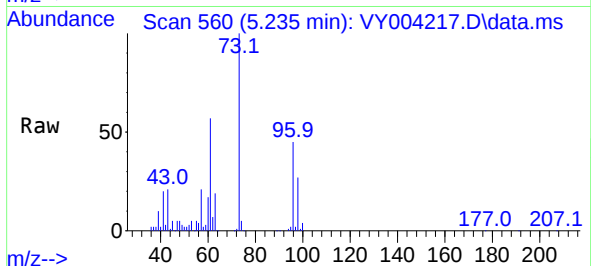
Tgt Ion: 84 Resp: 98109  
Ion Ratio Lower Upper  
84 100  
49 126.9 101.5 152.3  
51 39.4 31.5 47.3  
86 63.5 50.8 76.2





#21  
trans-1,2-Dichloroethene  
Concen: 51.52 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

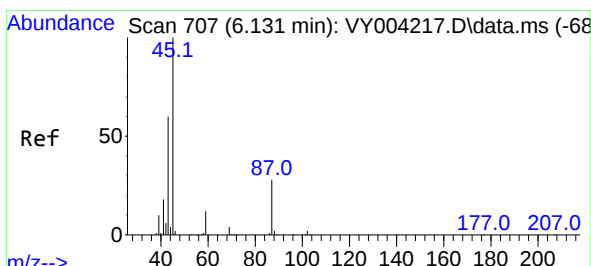
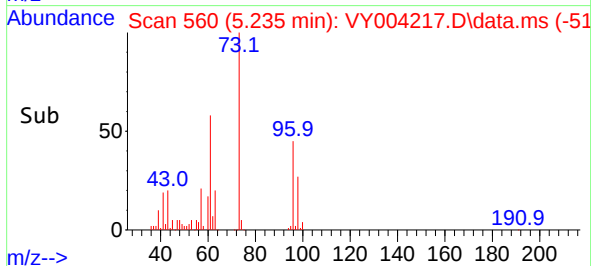
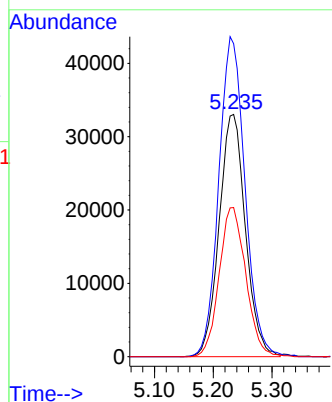
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



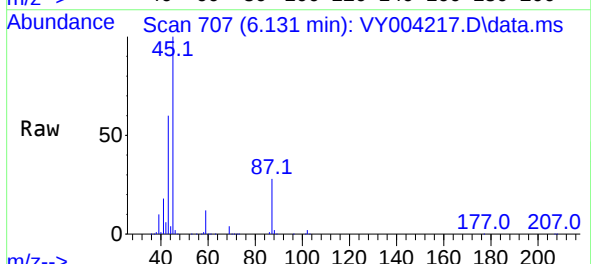
Tgt Ion: 96 Resp: 102671  
Ion Ratio Lower Upper  
96 100  
61 129.2 103.4 155.0  
98 61.6 49.3 73.9

Manual Integrations  
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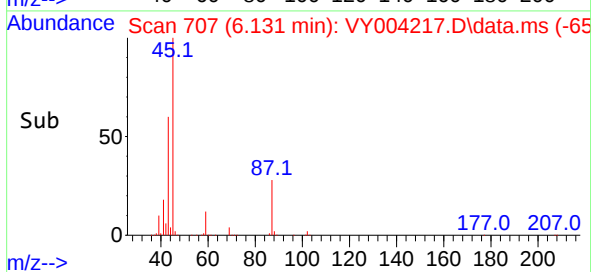
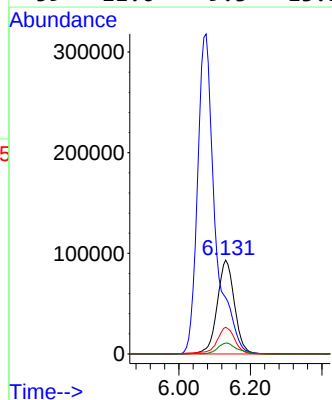
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3/30/2021 7:22:52 PM

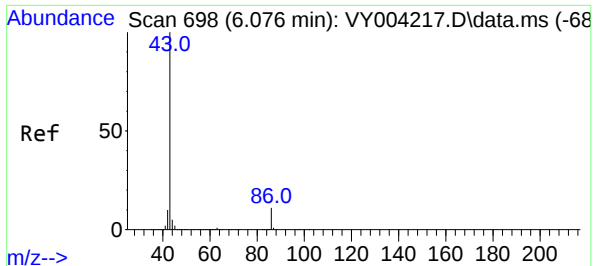


#22  
Diisopropyl ether  
Concen: 50.76 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



Tgt Ion: 45 Resp: 311758  
Ion Ratio Lower Upper  
45 100  
43 59.6 47.7 71.5  
87 28.4 22.7 34.1  
59 11.6 9.3 13.9





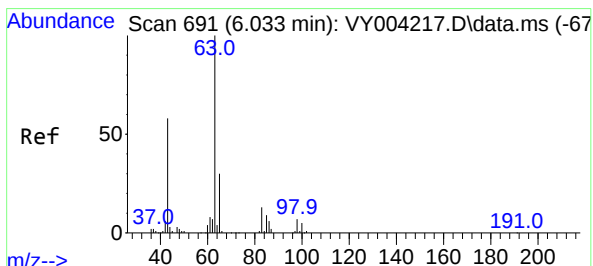
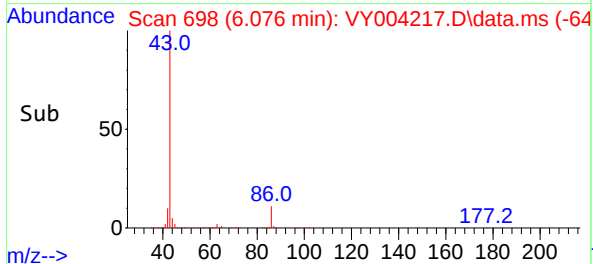
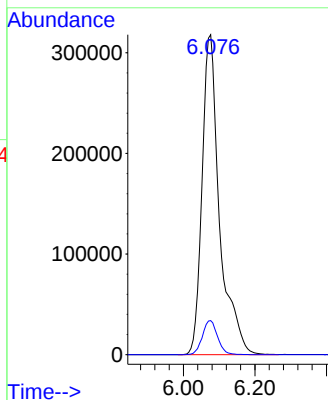
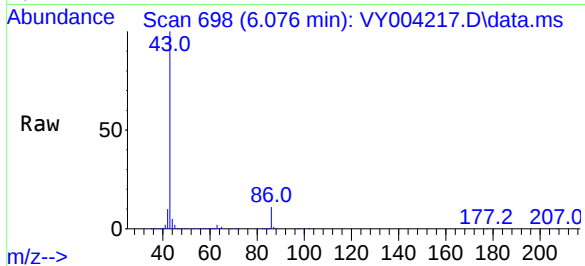
#23  
 Vinyl Acetate  
 Concen: 266.11 ug/l  
 RT: 6.076 min Scan# 698  
 Delta R.T. 0.000 min  
 Lab File: VY004217.D  
 Acq: 29 Mar 2021 17:54

Tgt Ion: 43 Resp: 1080780  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 8.5 12.7

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

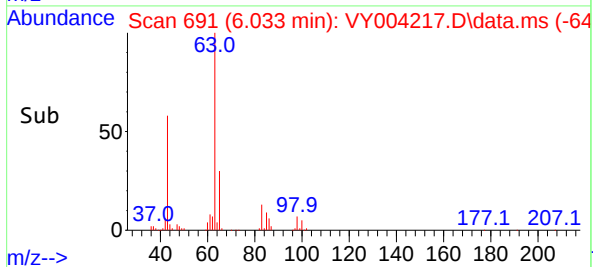
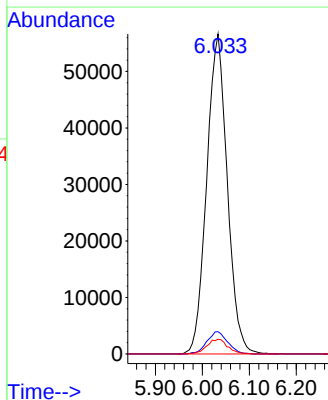
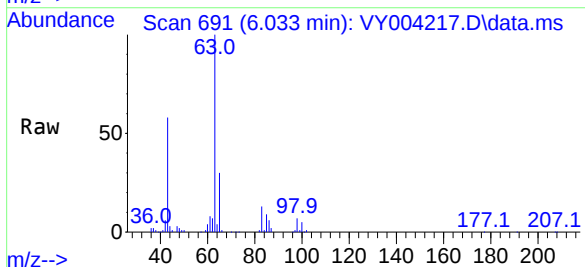
Manual Integrations  
 APPROVED

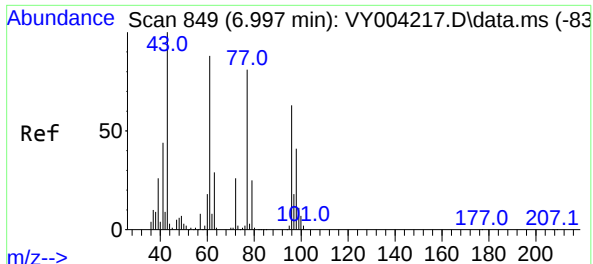
MMDadoda  
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#24  
 1,1-Dichloroethane  
 Concen: 50.41 ug/l  
 RT: 6.033 min Scan# 691  
 Delta R.T. 0.000 min  
 Lab File: VY004217.D  
 Acq: 29 Mar 2021 17:54

Tgt Ion: 63 Resp: 172030  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.5 10.4  
 100 4.6 2.3 6.9





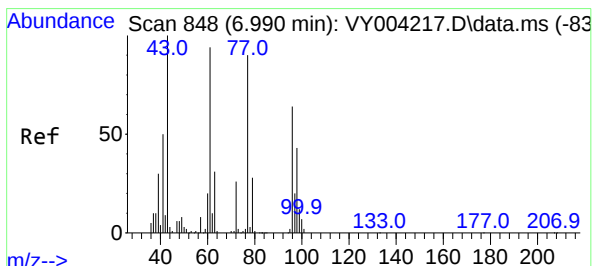
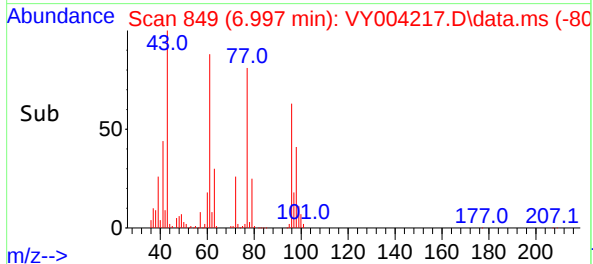
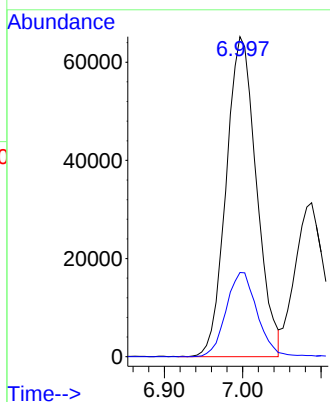
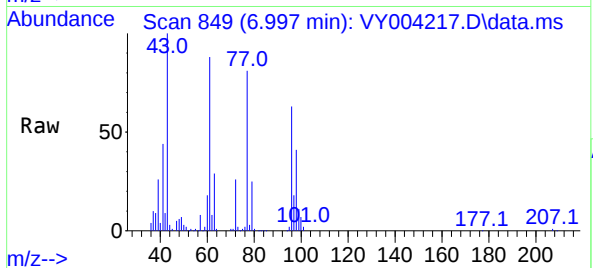
#25  
2-Butanone  
Concen: 258.43 ug/l  
RT: 6.997 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 43 Resp: 175492  
Ion Ratio Lower Upper  
43 100  
72 26.3 21.0 31.6

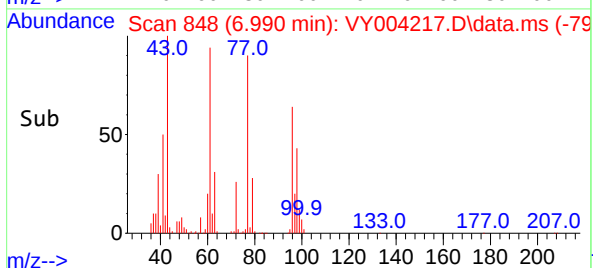
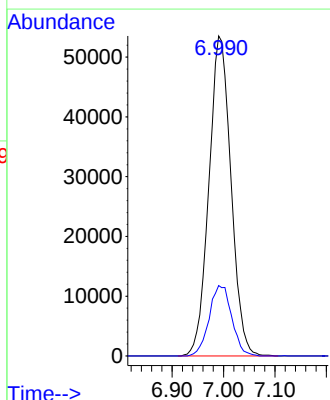
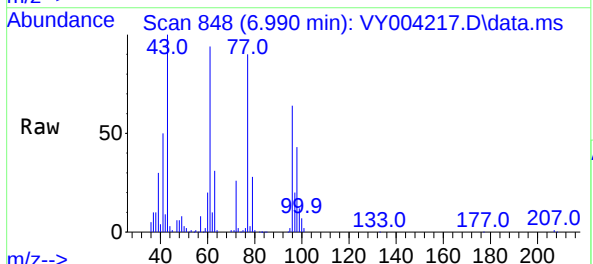
Manual Integrations  
APPROVED

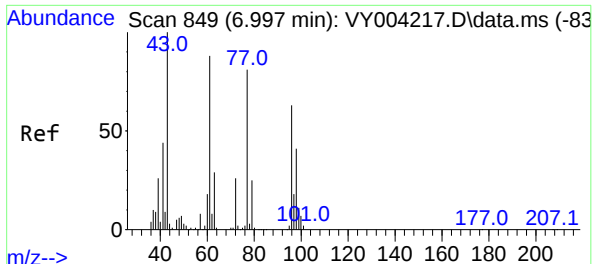
MMDadoda  
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#26  
2,2-Dichloropropane  
Concen: 49.18 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

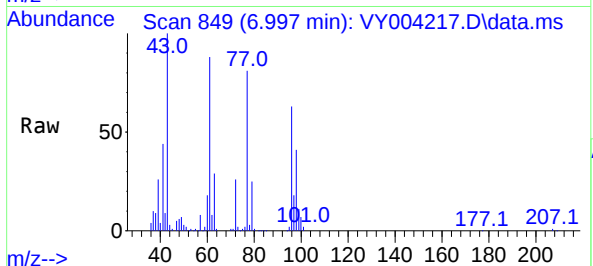
Tgt Ion: 77 Resp: 159566  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.3 33.8





#27  
cis-1,2-Dichloroethene  
Concen: 50.59 ug/l  
RT: 6.997 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

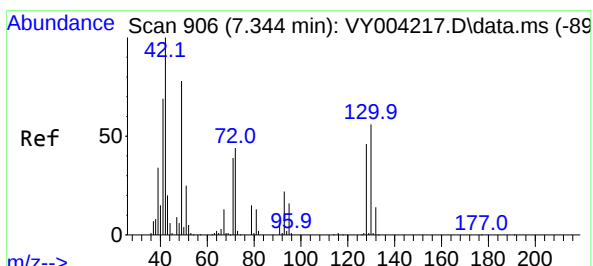
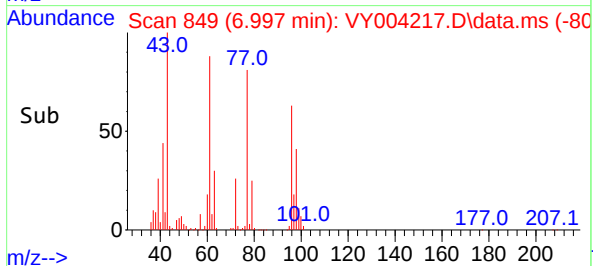
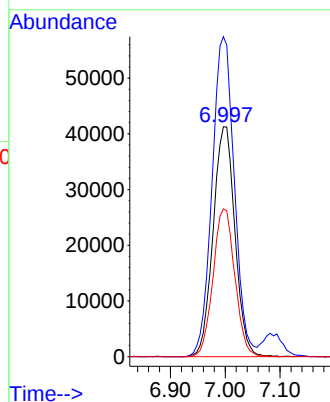
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 96 Resp: 114274  
Ion Ratio Lower Upper  
96 100  
61 141.6 0.0 283.2  
98 64.1 0.0 128.2

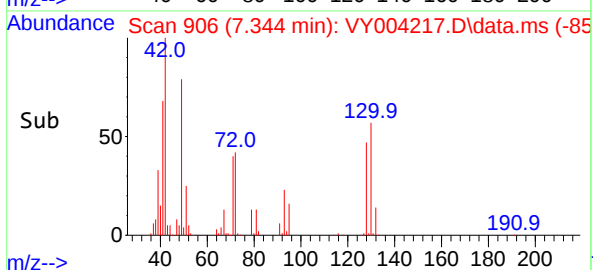
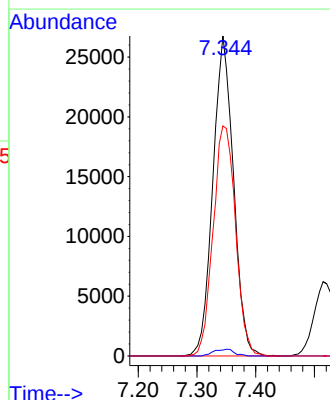
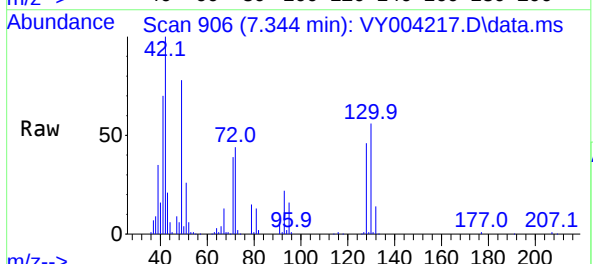
Manual Integrations  
APPROVED

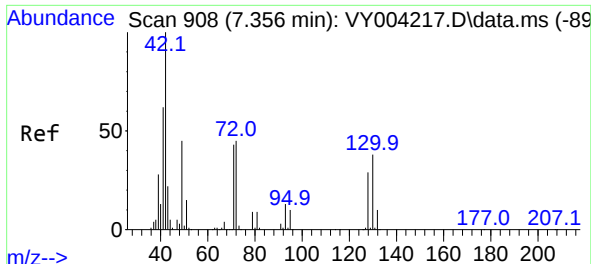
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3/30/2021 7:22:52 PM



#28  
Bromochloromethane  
Concen: 44.72 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 49 Resp: 65157  
Ion Ratio Lower Upper  
49 100  
129 2.1 0.0 4.2  
130 78.1 62.5 93.7





#29

Tetrahydrofuran

Concen: 270.73 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY004217.D

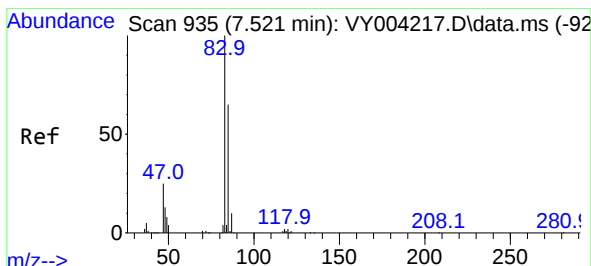
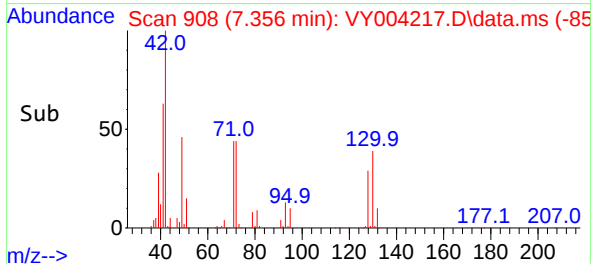
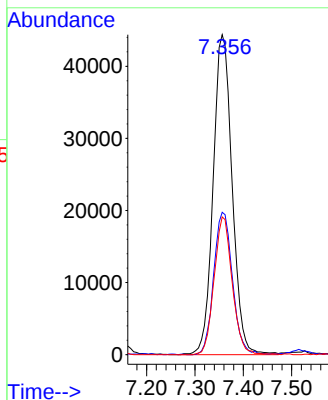
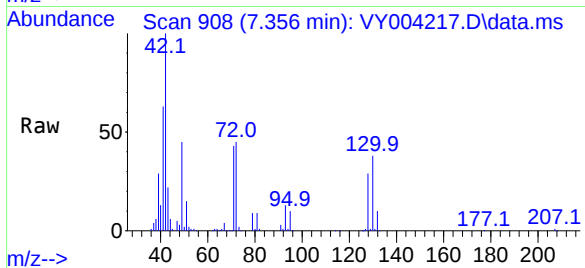
Acq: 29 Mar 2021 17:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 121129 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 43.9  | 35.1  | 52.7   |
| 71       | 41.1  | 32.9  | 49.3   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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#30

Chloroform

Concen: 51.22 ug/l

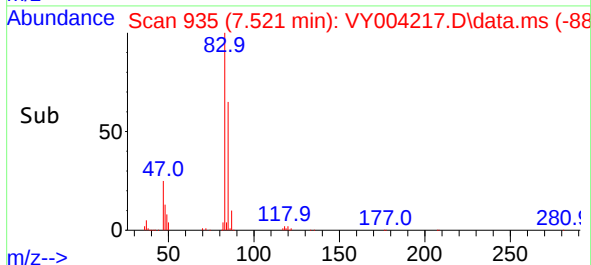
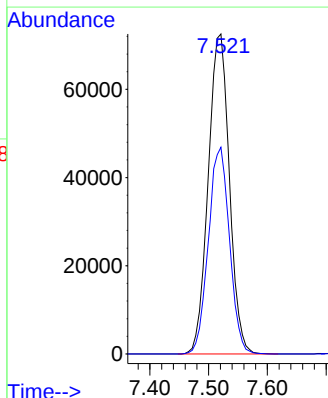
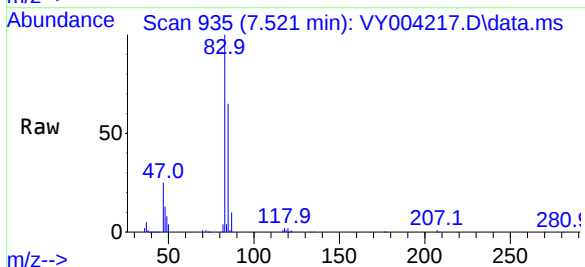
RT: 7.521 min Scan# 935

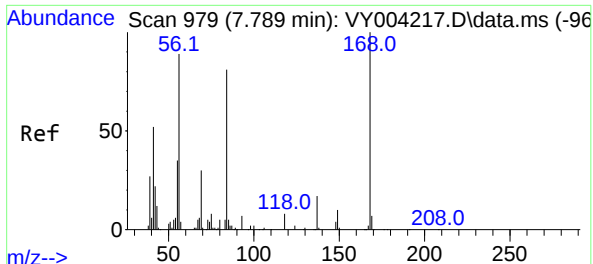
Delta R.T. 0.000 min

Lab File: VY004217.D

Acq: 29 Mar 2021 17:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 181541 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.6  | 51.7  | 77.5   |





#31  
Cyclohexane  
Concen: 46.31 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

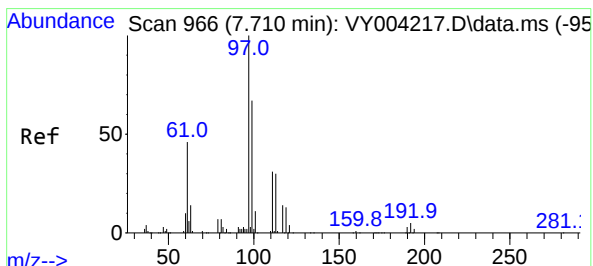
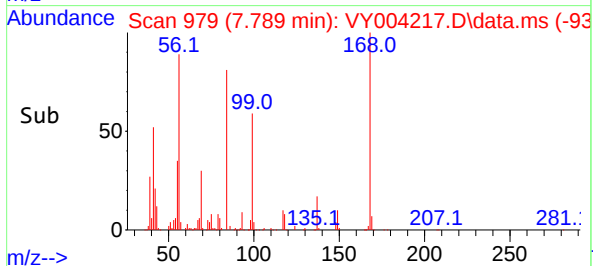
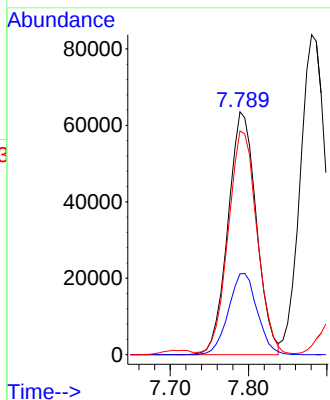
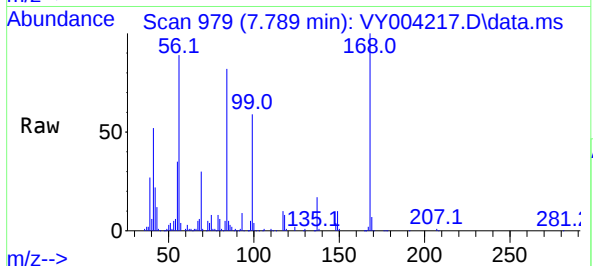
Tgt Ion: 56 Resp: 160016  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 33.3  | 26.6  | 40.0  |
| 84  | 90.4  | 72.3  | 108.5 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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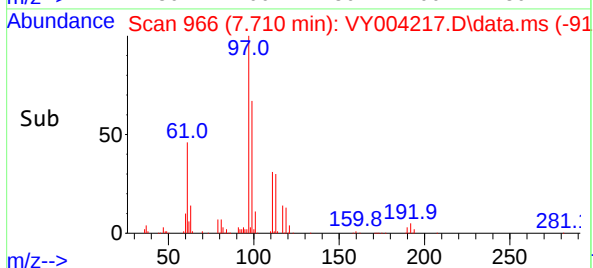
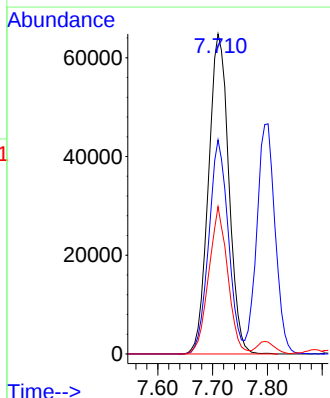
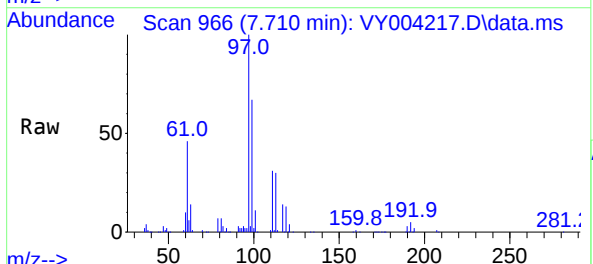
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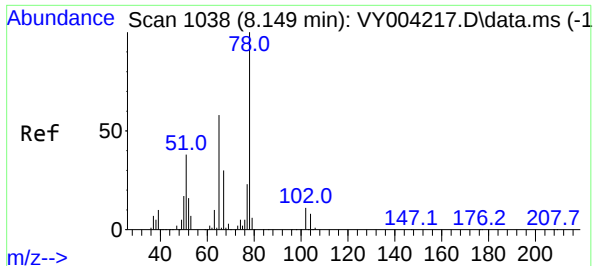


#32  
1,1,1-Trichloroethane  
Concen: 50.76 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 97 Resp: 166622  

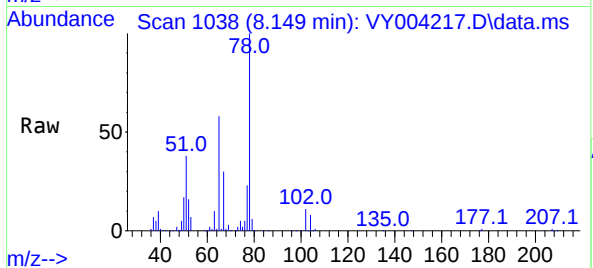
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.7  | 51.8  | 77.6  |
| 61  | 43.2  | 34.6  | 51.8  |





#33  
1,2-Dichloroethane-d4  
Concen: 48.27 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

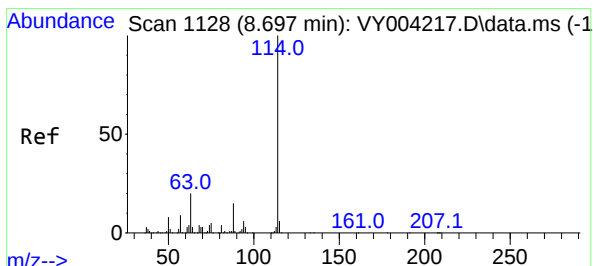
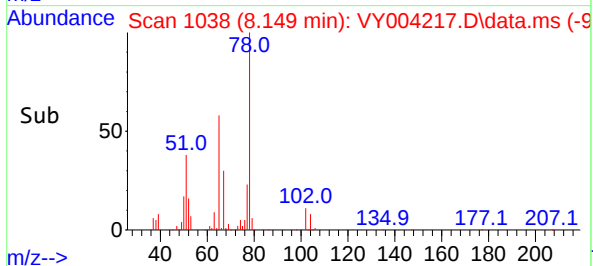
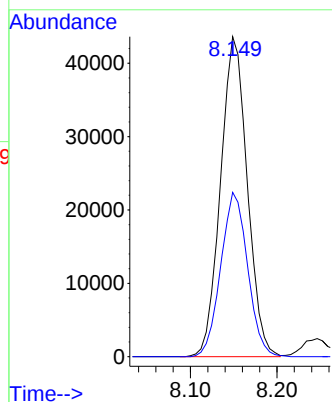
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



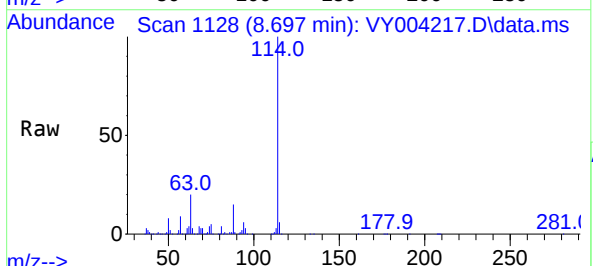
Tgt Ion: 65 Resp: 93548  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 103.2

Manual Integrations  
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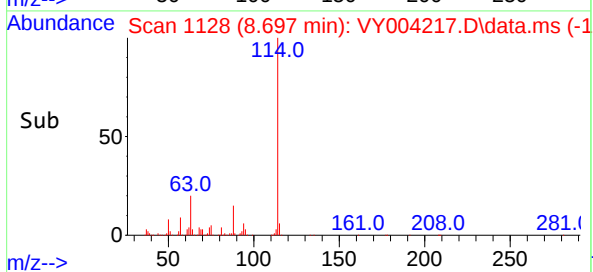
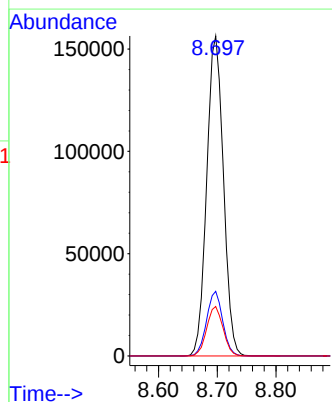
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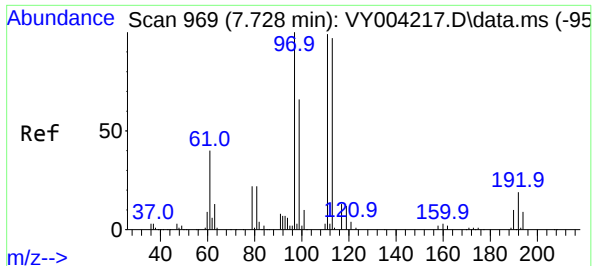


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



Tgt Ion: 114 Resp: 307956  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 40.4  
88 15.4 0.0 30.8





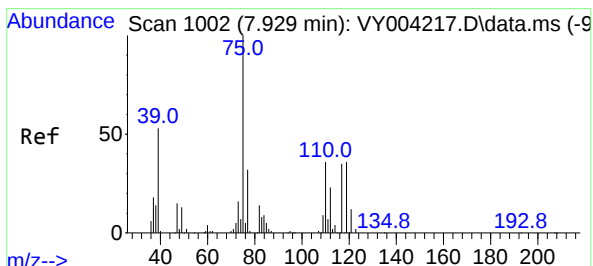
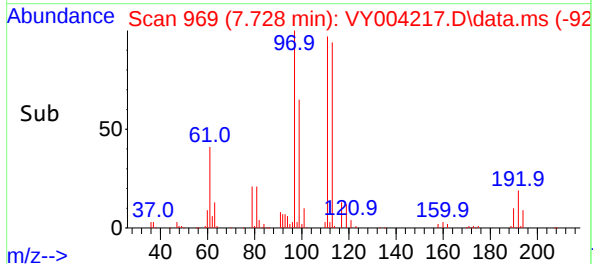
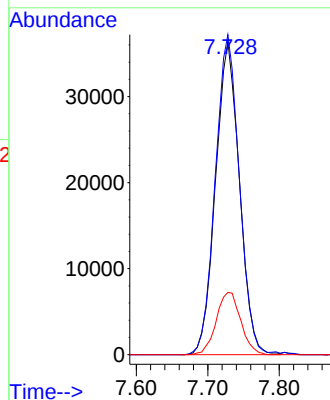
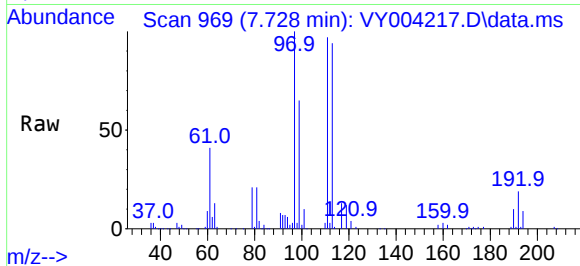
#35  
Dibromofluoromethane  
Concen: 48.95 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 113 Resp: 84168  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.6 124.0  
192 20.5 16.4 24.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

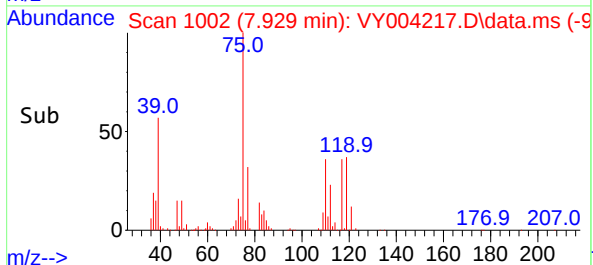
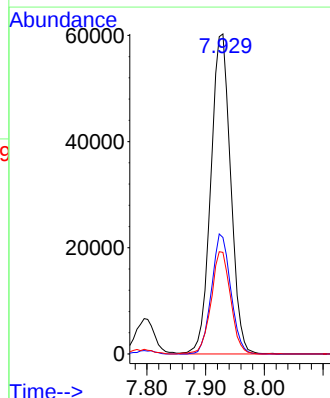
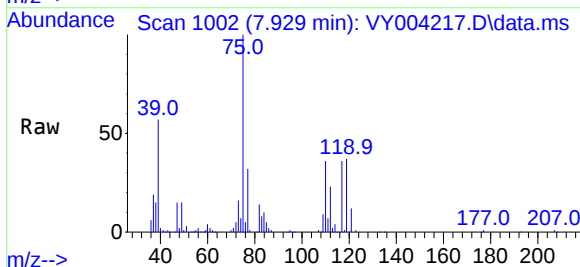
Manual Integrations  
APPROVED

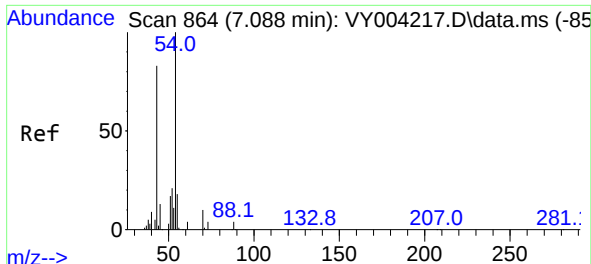
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#36  
1,1-Dichloropropene  
Concen: 51.53 ug/l  
RT: 7.929 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 75 Resp: 141128  
Ion Ratio Lower Upper  
75 100  
110 36.2 18.1 54.3  
77 31.4 25.1 37.7





#37  
Ethyl Acetate  
Concen: 56.28 ug/l  
RT: 7.088 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

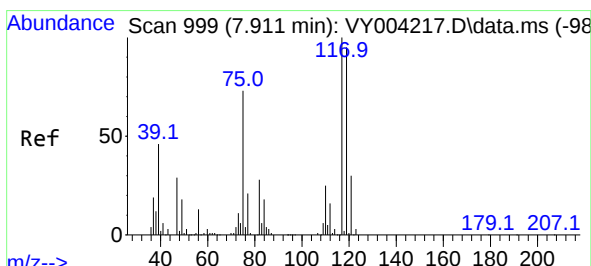
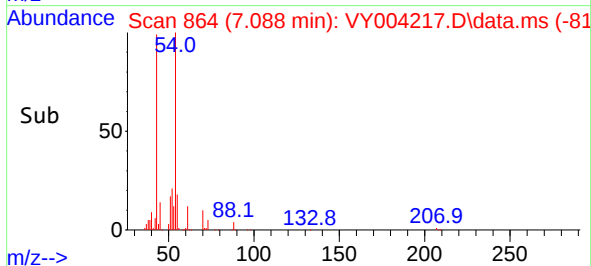
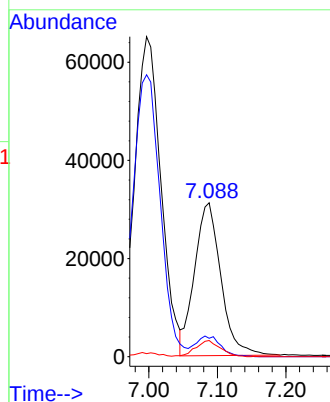
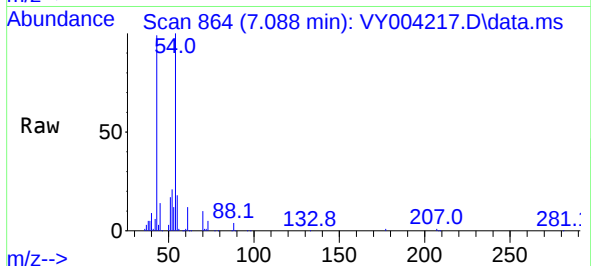
Tgt Ion: 43 Resp: 83339  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 12.7  | 10.2  | 15.2  |
| 70  | 10.0  | 8.0   | 12.0  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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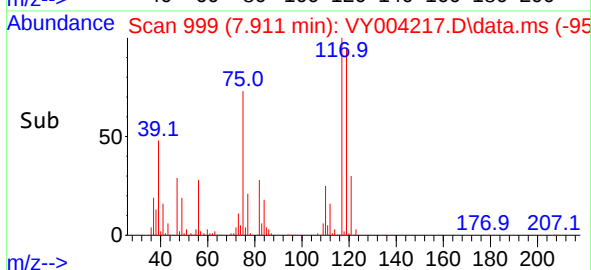
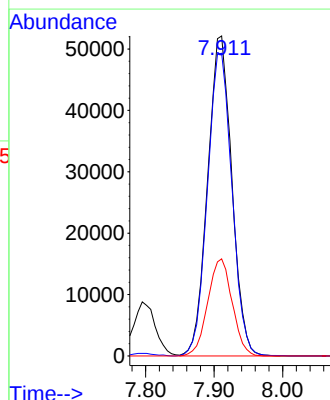
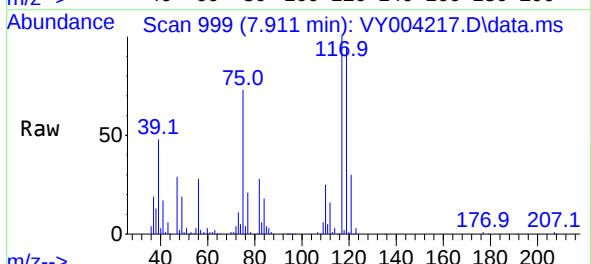
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3/30/2021 7:22:52 PM

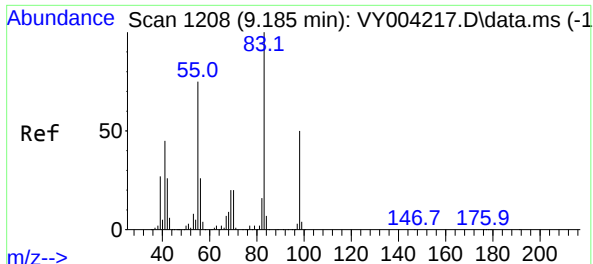


#38  
Carbon Tetrachloride  
Concen: 45.18 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

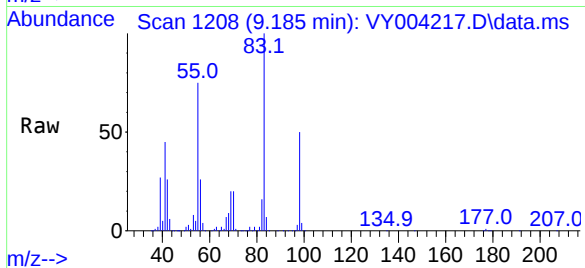
Tgt Ion: 117 Resp: 127857  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 94.5  | 75.6  | 113.4 |
| 121 | 30.4  | 24.3  | 36.5  |

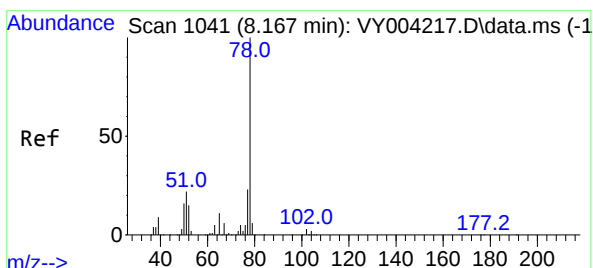
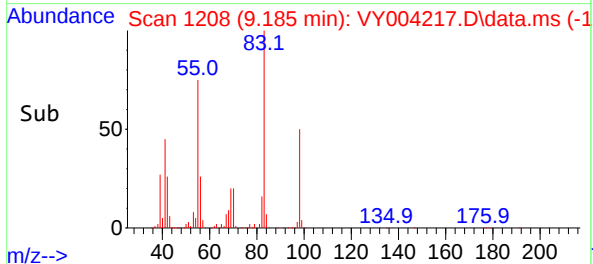
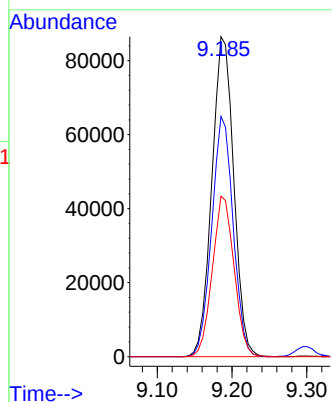




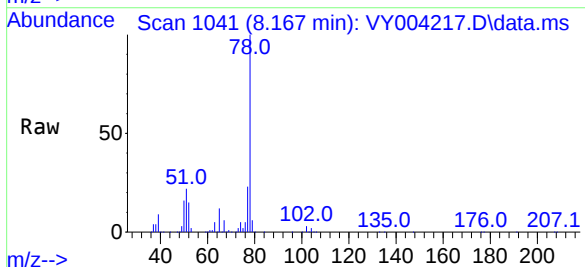
#39  
Methylcyclohexane  
Concen: 49.96 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



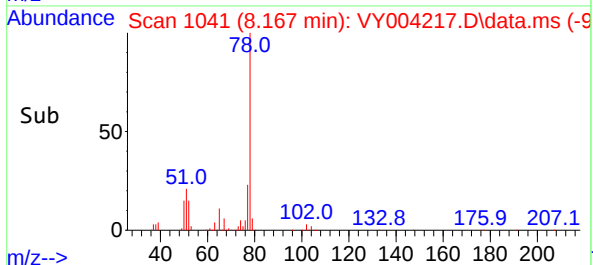
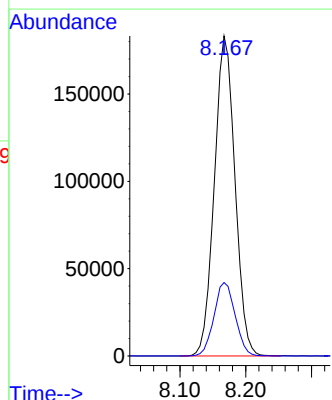
Tgt Ion: 83 Resp: 175925  
Ion Ratio Lower Upper  
83 100  
55 75.0 60.0 90.0  
98 50.2 40.2 60.2



#40  
Benzene  
Concen: 51.80 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



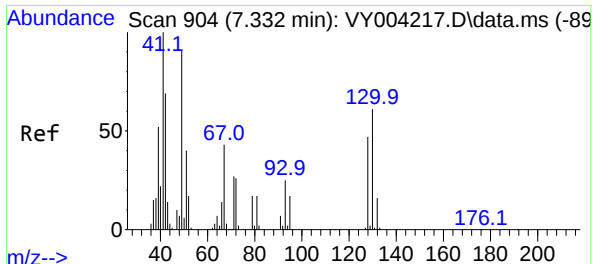
Tgt Ion: 78 Resp: 399549  
Ion Ratio Lower Upper  
78 100  
77 22.9 18.3 27.5



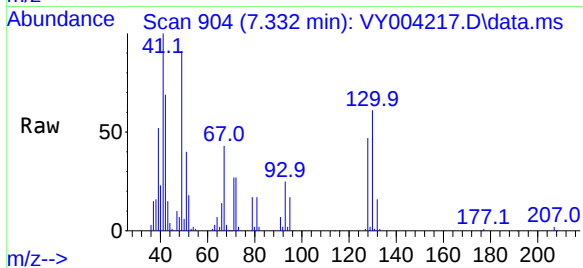
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

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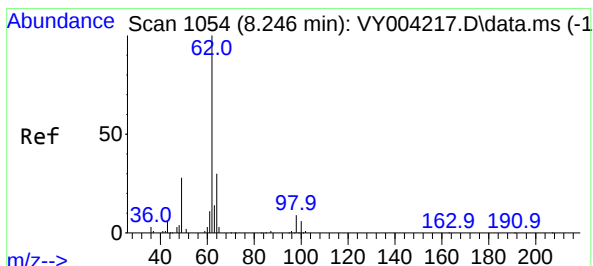
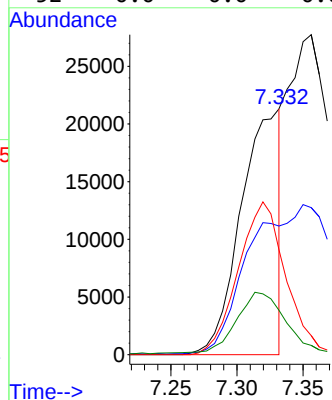
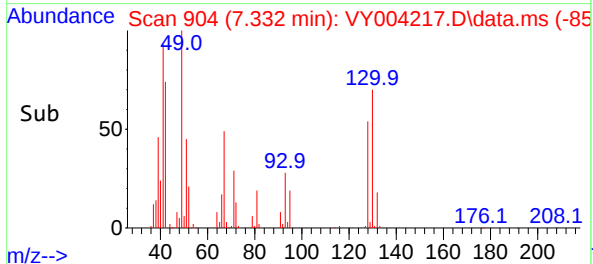
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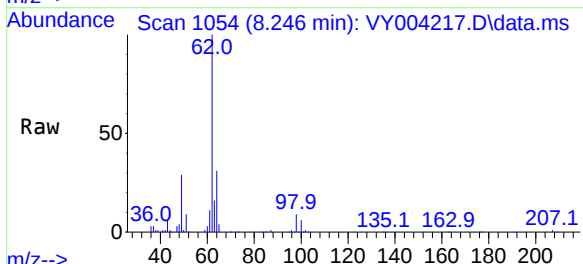
#41  
Methacrylonitrile  
Concen: 49.44 ug/l m  
RT: 7.332 min Scan# 904  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



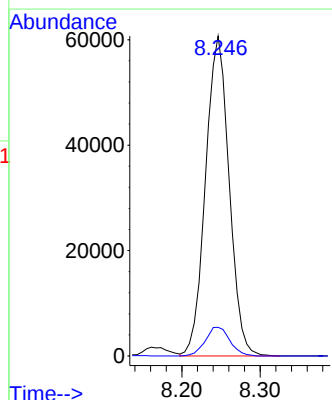
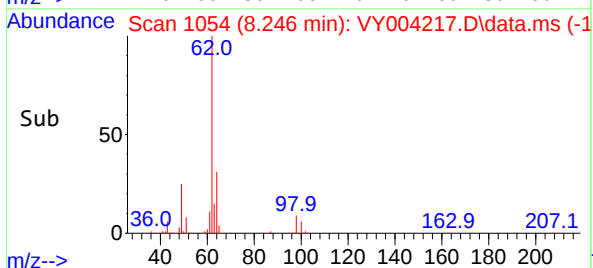
Tgt Ion: 41 Resp: 44632  
Ion Ratio Lower Upper  
41 100  
39 129.3 103.4 155.2  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 53.75 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



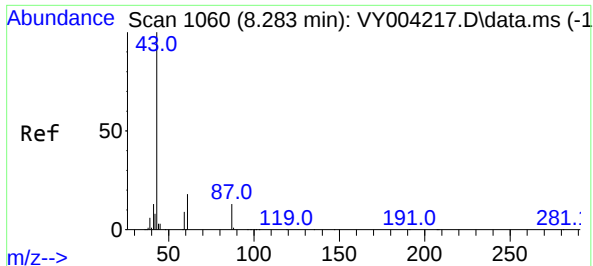
Tgt Ion: 62 Resp: 127091  
Ion Ratio Lower Upper  
62 100  
98 9.3 0.0 18.6



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

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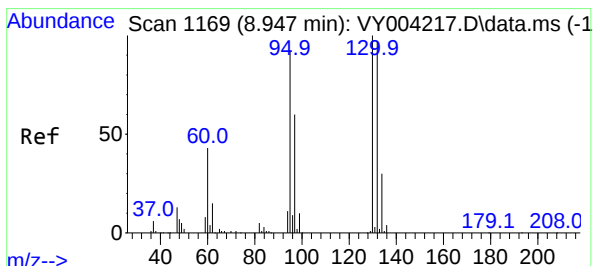
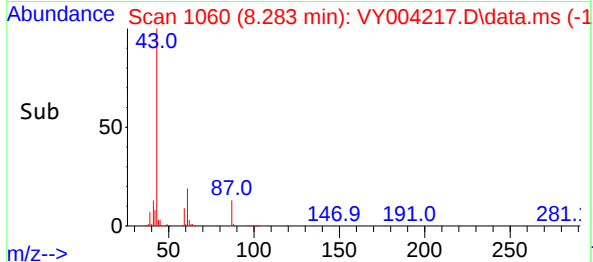
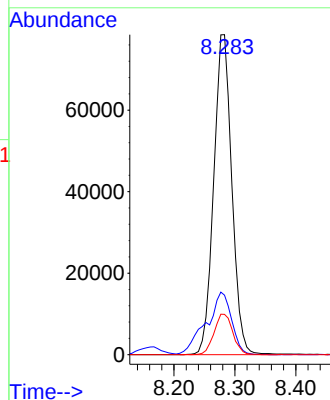
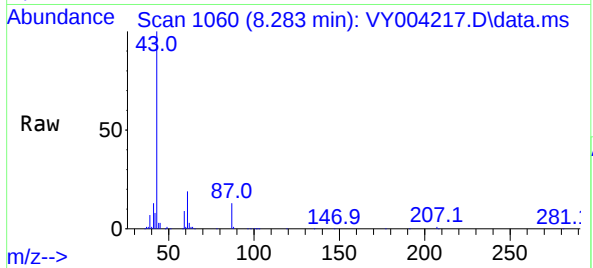
#43  
Isopropyl Acetate  
Concen: 54.84 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 43 Resp: 162120  
Ion Ratio Lower Upper  
43 100  
61 27.4 21.9 32.9  
87 13.2 10.6 15.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

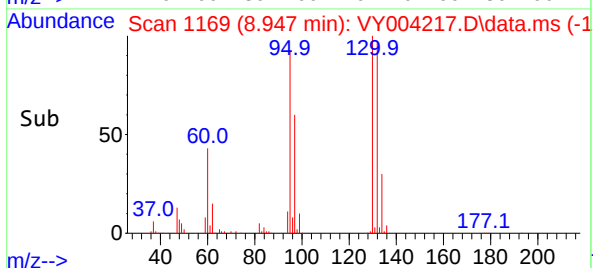
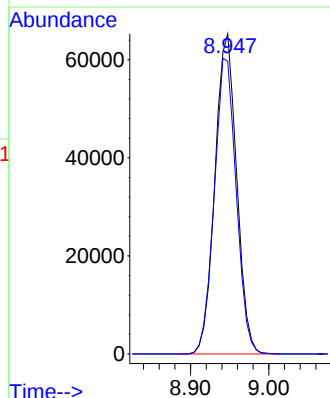
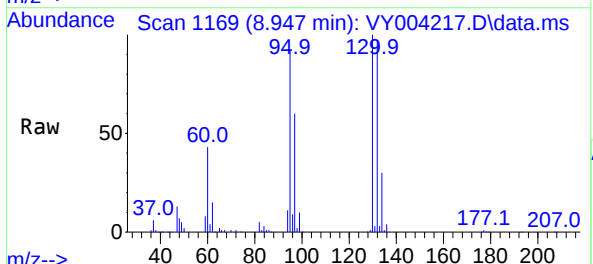
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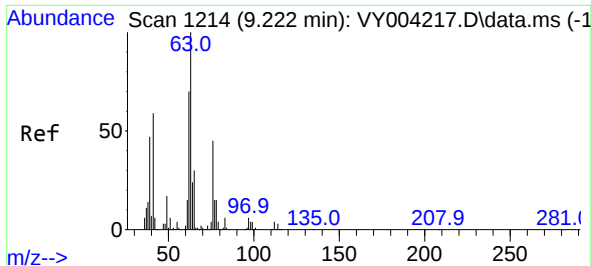
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#44  
Trichloroethene  
Concen: 55.44 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion:130 Resp: 125678  
Ion Ratio Lower Upper  
130 100  
95 91.5 0.0 183.0





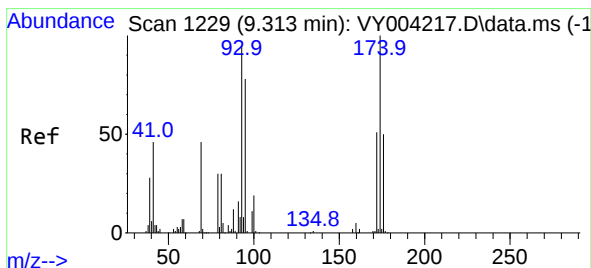
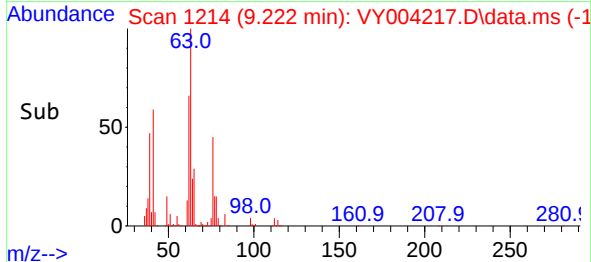
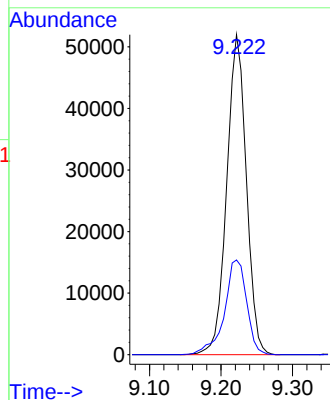
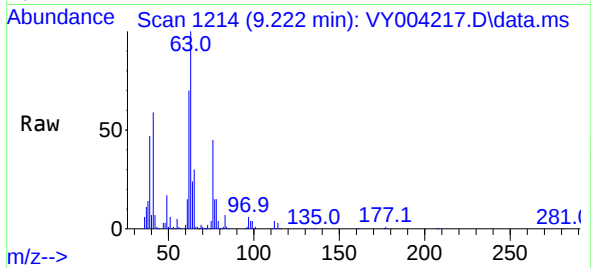
#45  
1,2-Dichloropropane  
Concen: 51.61 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 63 Resp: 99034  
Ion Ratio Lower Upper  
63 100  
65 29.6 23.7 35.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

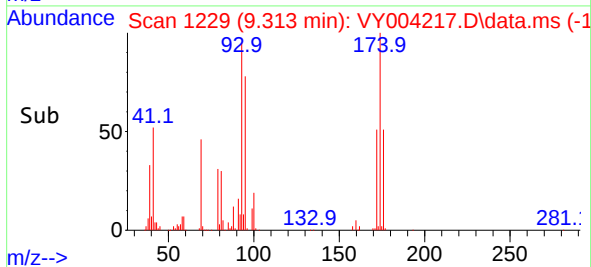
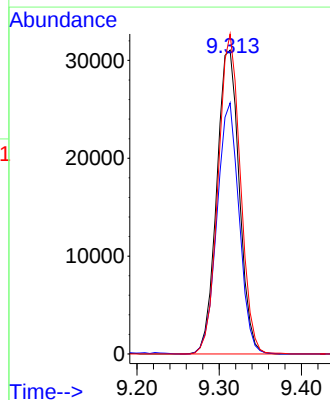
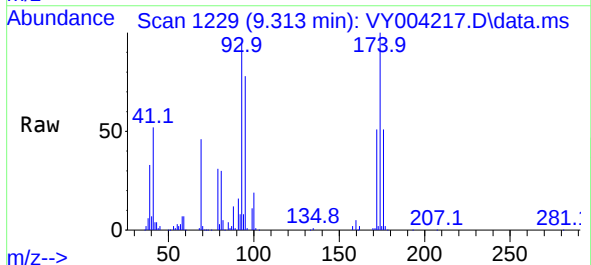
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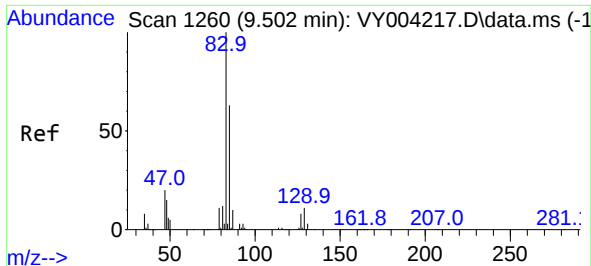
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#46  
Dibromomethane  
Concen: 53.68 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 93 Resp: 59215  
Ion Ratio Lower Upper  
93 100  
95 80.8 64.6 97.0  
174 103.4 82.7 124.1





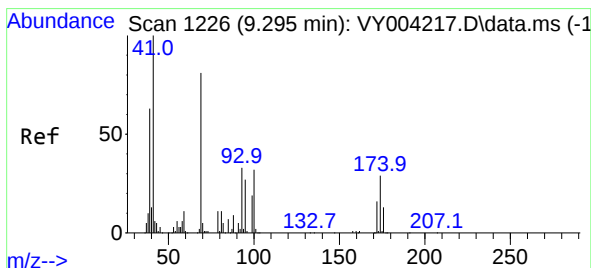
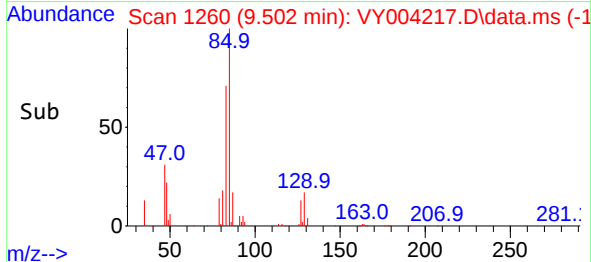
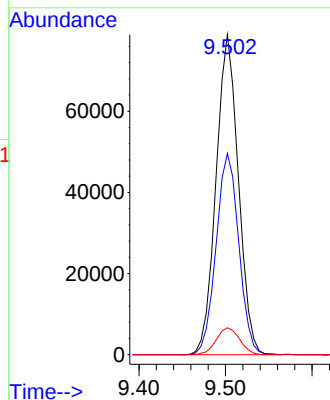
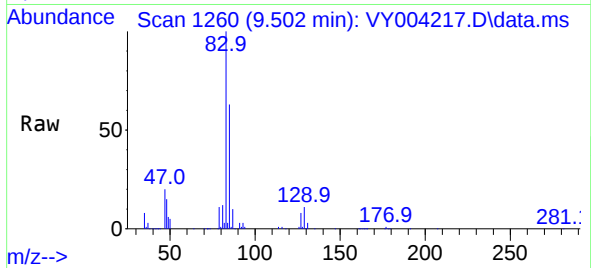
#47  
Bromodichloromethane  
Concen: 51.68 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 83 Resp: 141300  
Ion Ratio Lower Upper  
83 100  
85 62.9 50.3 75.5  
127 8.4 6.7 10.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

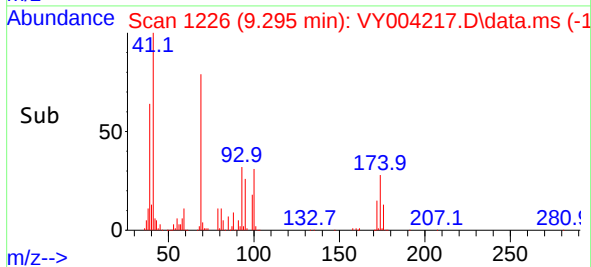
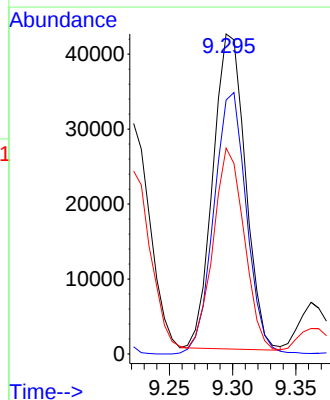
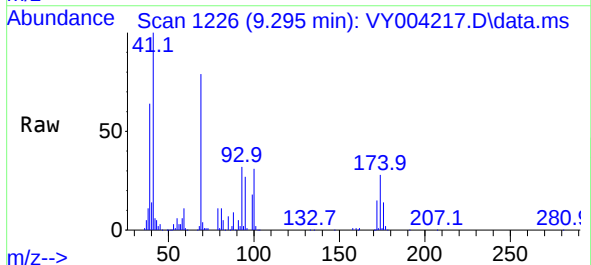
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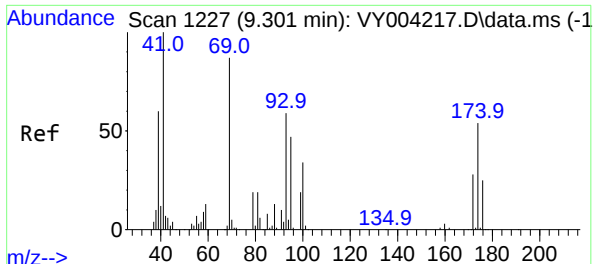
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#48  
Methyl methacrylate  
Concen: 53.62 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 41 Resp: 74962  
Ion Ratio Lower Upper  
41 100  
69 83.7 67.0 100.4  
39 61.3 49.0 73.6





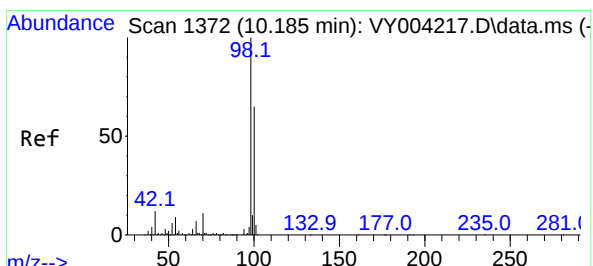
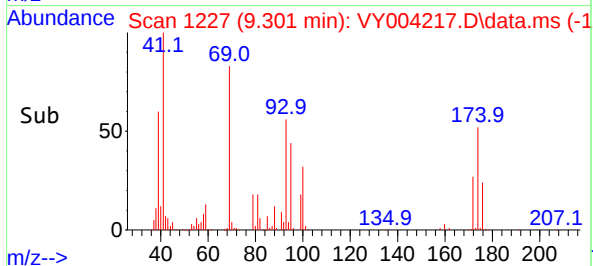
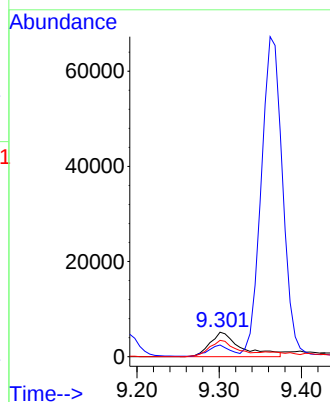
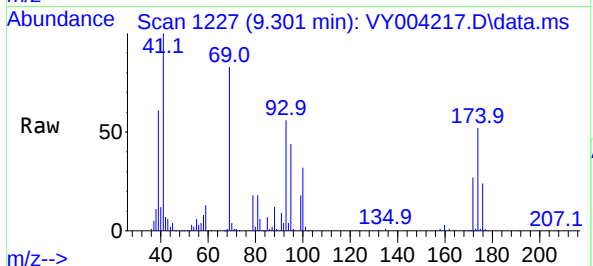
#49  
1,4-Dioxane  
Concen: 991.79 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 88 Resp: 13628  
Ion Ratio Lower Upper  
88 100  
43 33.5 26.8 40.2  
58 57.7 46.2 69.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

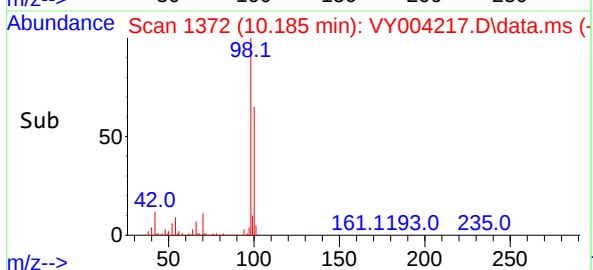
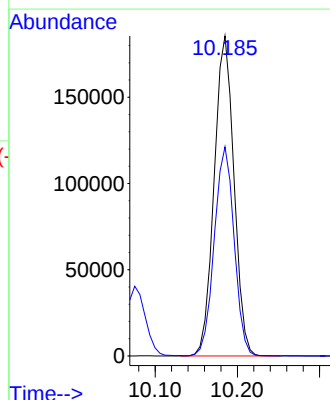
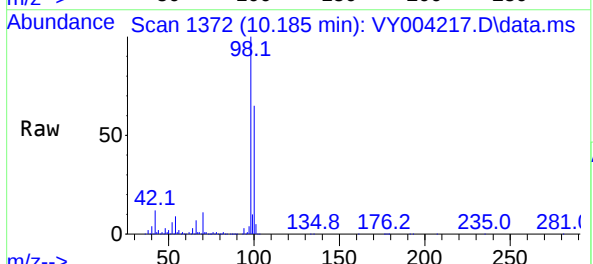
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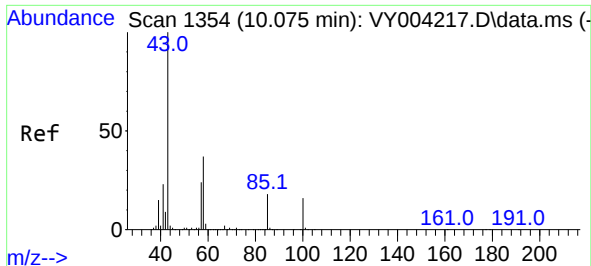
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#50  
Toluene-d8  
Concen: 46.32 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

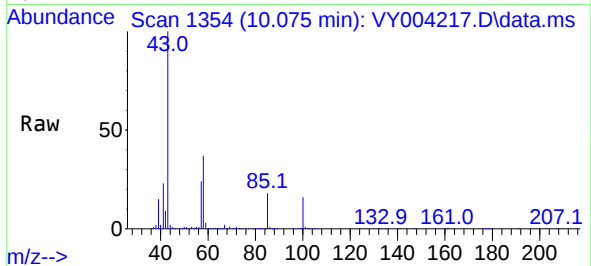
Tgt Ion: 98 Resp: 310396  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.5 78.7





#51  
4-Methyl-2-Pentanone  
Concen: 279.16 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

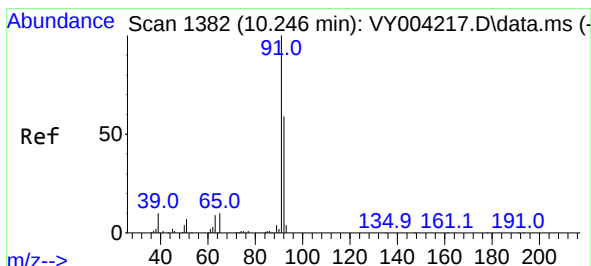
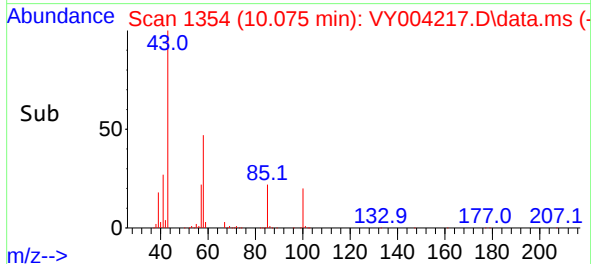
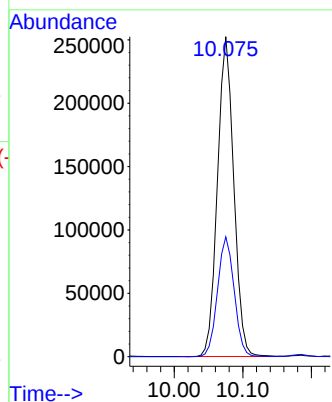
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



Tgt Ion: 43 Resp: 416960  
Ion Ratio Lower Upper  
43 100  
58 38.2 30.6 45.8

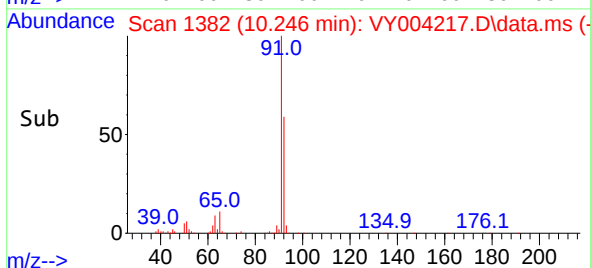
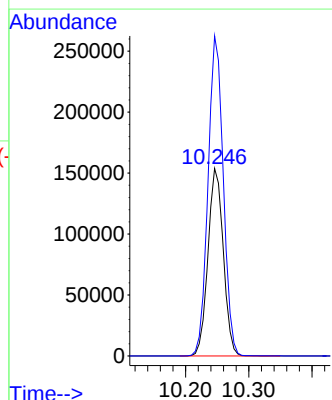
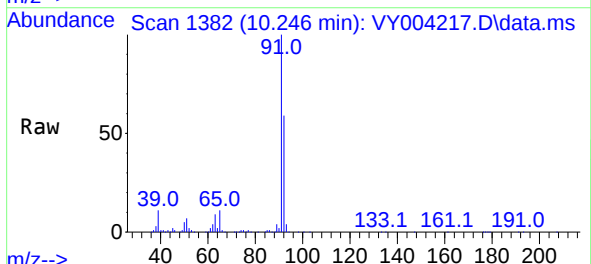
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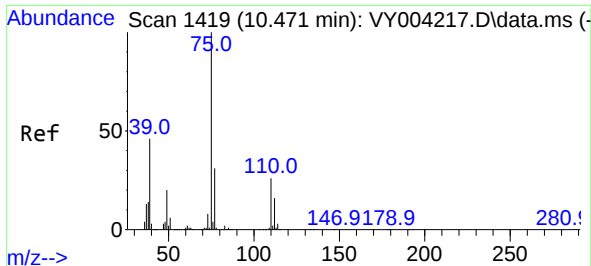
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#52  
Toluene  
Concen: 51.89 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 92 Resp: 259224  
Ion Ratio Lower Upper  
92 100  
91 170.0 136.0 204.0





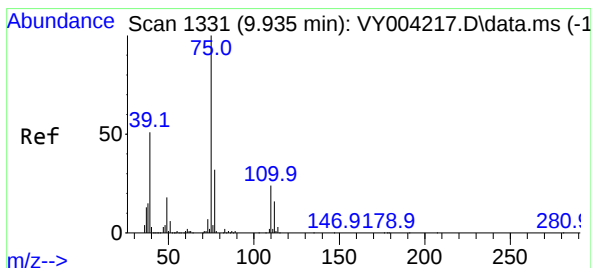
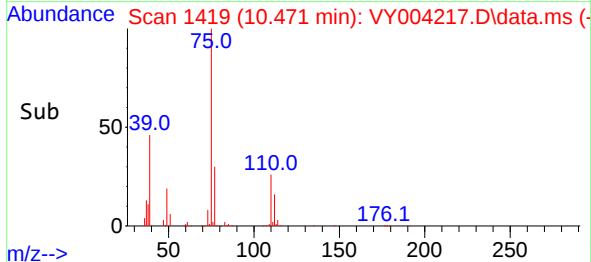
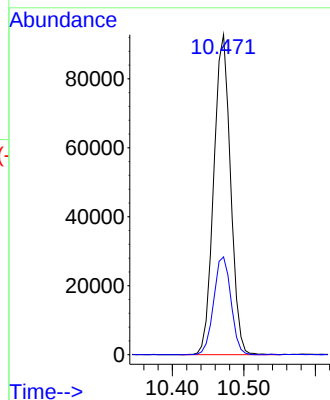
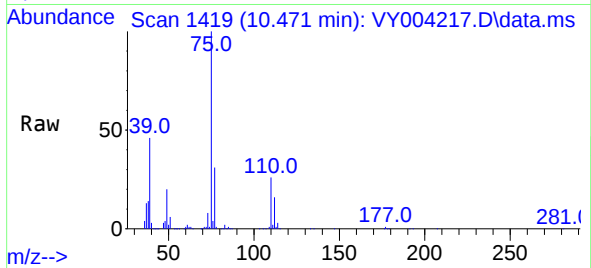
#53  
 t-1,3-Dichloropropene  
 Concen: 52.42 ug/l  
 RT: 10.471 min Scan# 1419  
 Delta R.T. 0.000 min  
 Lab File: VY004217.D  
 Acq: 29 Mar 2021 17:54

Tgt Ion: 75 Resp: 151172  
 Ion Ratio Lower Upper  
 75 100  
 77 30.5 24.4 36.6

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

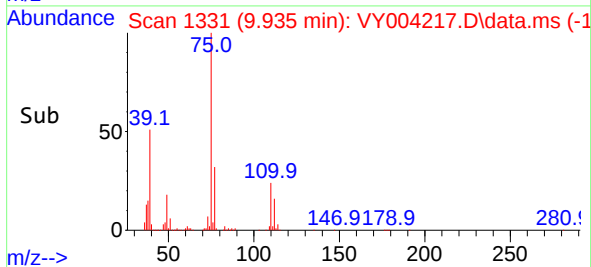
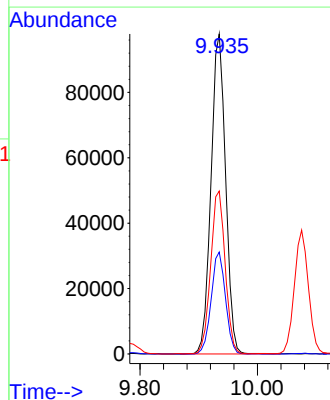
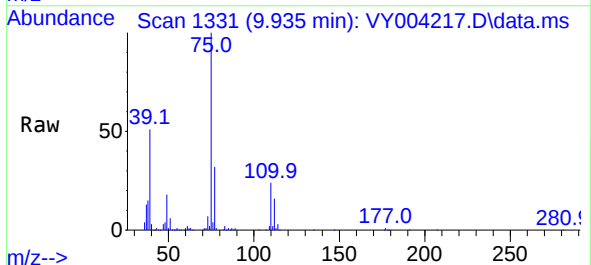
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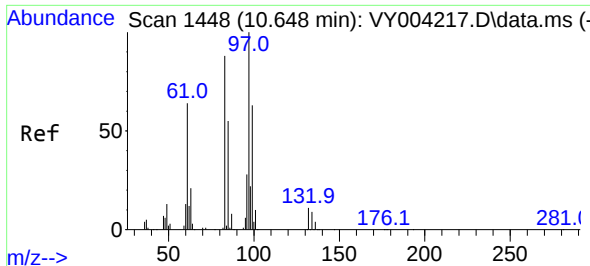
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#54  
 cis-1,3-Dichloropropene  
 Concen: 52.11 ug/l  
 RT: 9.935 min Scan# 1331  
 Delta R.T. 0.000 min  
 Lab File: VY004217.D  
 Acq: 29 Mar 2021 17:54

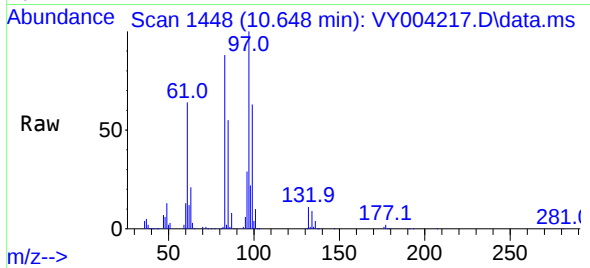
Tgt Ion: 75 Resp: 168541  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.5 38.3  
 39 50.8 40.6 61.0





#55  
1,1,2-Trichloroethane  
Concen: 52.20 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

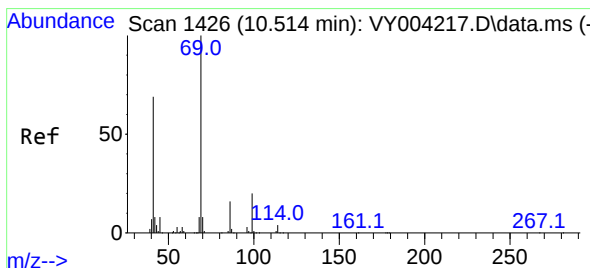
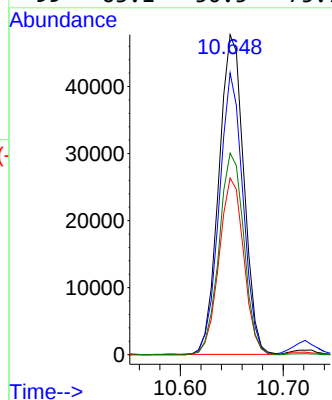


Tgt Ion: 97 Resp: 80269

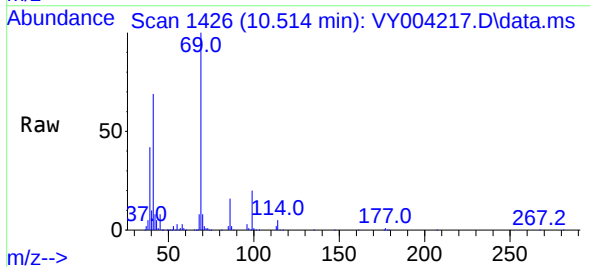
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.2  | 70.6  | 105.8 |
| 85  | 55.3  | 44.2  | 66.4  |
| 99  | 63.1  | 50.5  | 75.7  |

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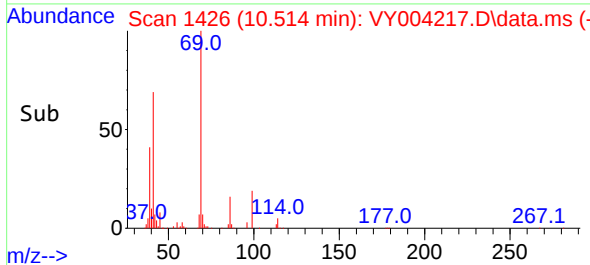
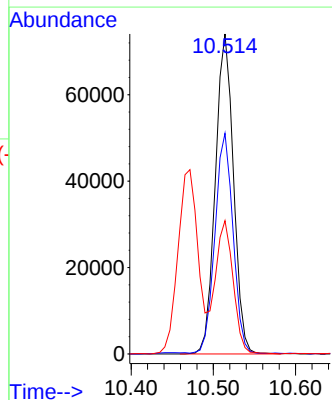


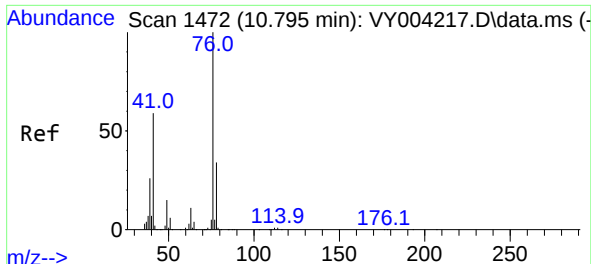
#56  
Ethyl methacrylate  
Concen: 52.94 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



Tgt Ion: 69 Resp: 113514

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 68.5  | 54.8  | 82.2  |
| 39  | 41.7  | 33.4  | 50.0  |





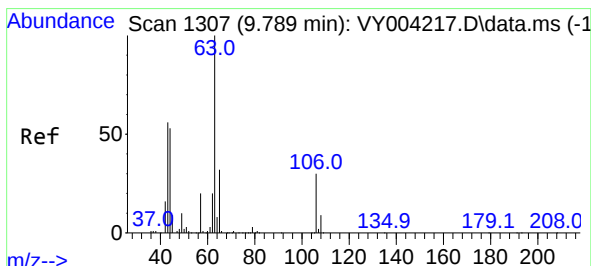
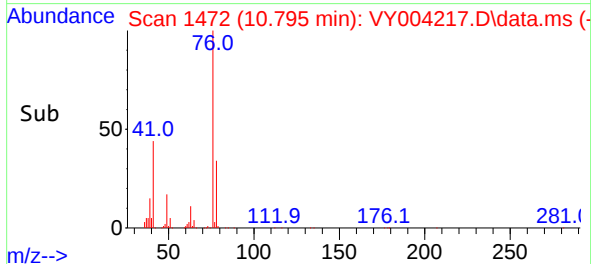
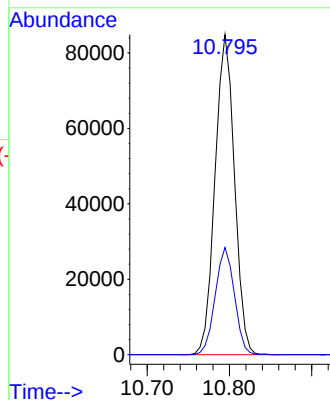
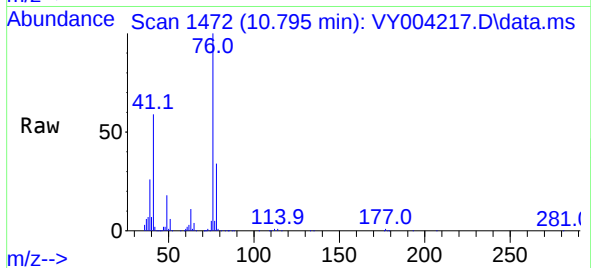
#57  
1,3-Dichloropropane  
Concen: 52.77 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 76 Resp: 139315  
Ion Ratio Lower Upper  
76 100  
78 33.0 26.4 39.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

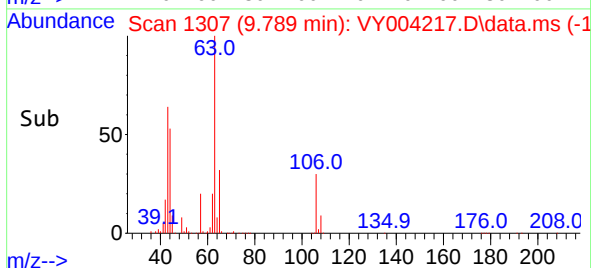
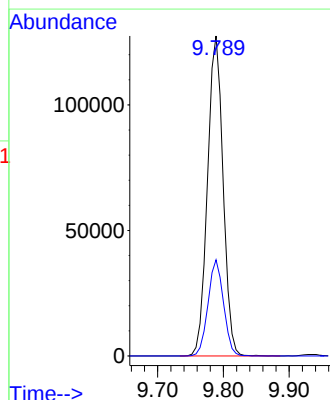
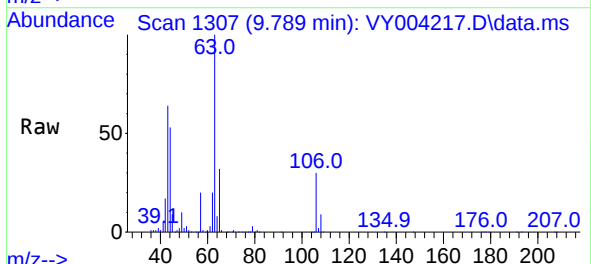
Manual Integrations  
APPROVED

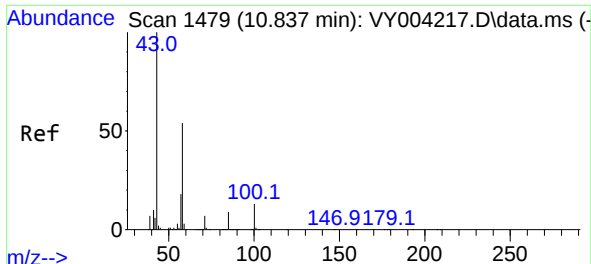
MMDadoda  
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#58  
2-Chloroethyl Vinyl ether  
Concen: 221.21 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 63 Resp: 210089  
Ion Ratio Lower Upper  
63 100  
106 29.8 23.8 35.8





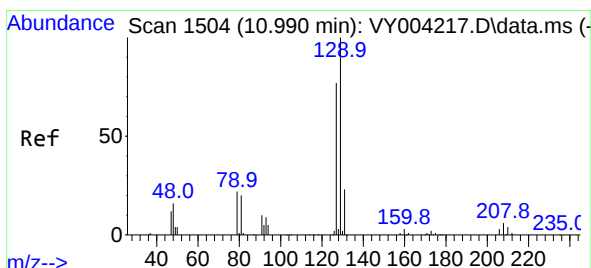
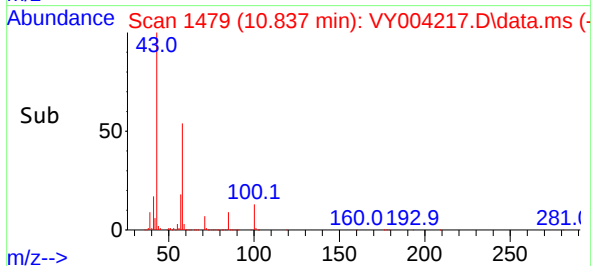
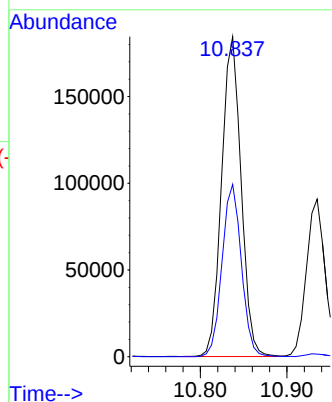
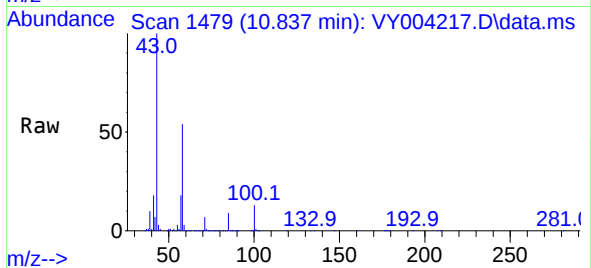
#59  
2-Hexanone  
Concen: 275.90 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 43 Resp: 288035  
Ion Ratio Lower Upper  
43 100  
58 53.4 26.7 80.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

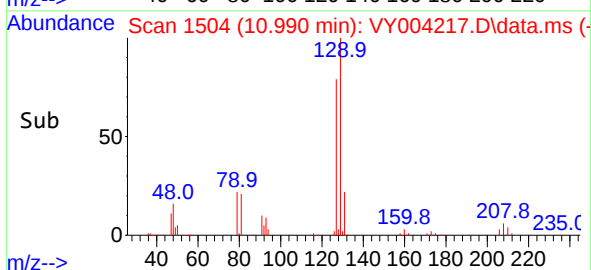
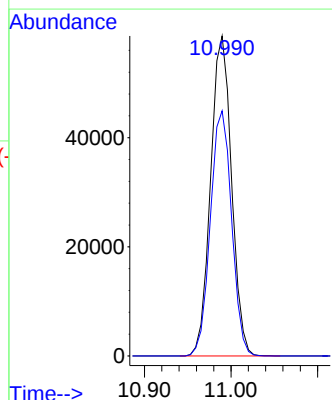
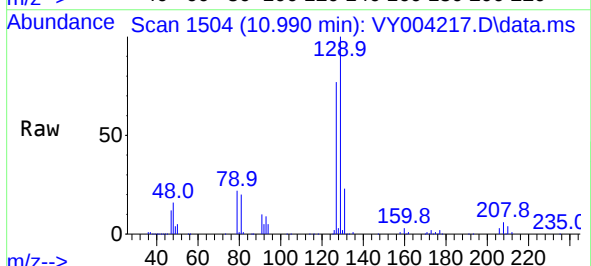
Manual Integrations  
APPROVED

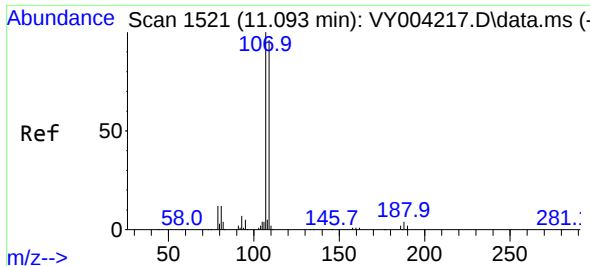
MMDadoda  
3/30/2021 7:22:52 PM



#60  
Dibromochloromethane  
Concen: 51.24 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 129 Resp: 98374  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.9 116.7





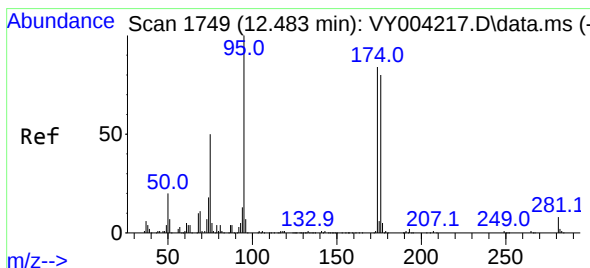
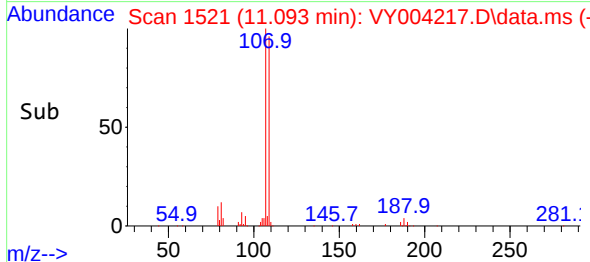
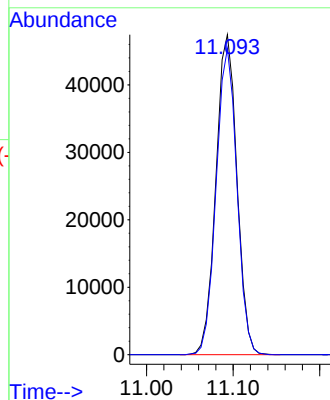
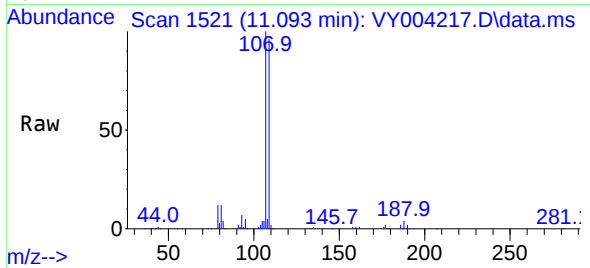
#61  
1,2-Dibromoethane  
Concen: 53.07 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion:107 Resp: 79869  
Ion Ratio Lower Upper  
107 100  
109 94.5 75.6 113.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

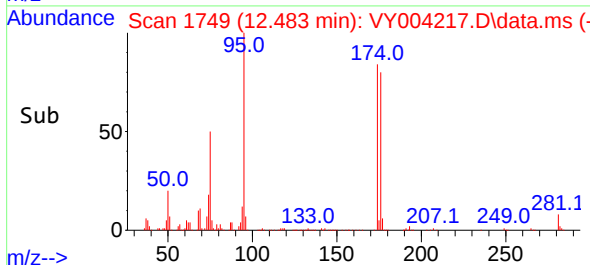
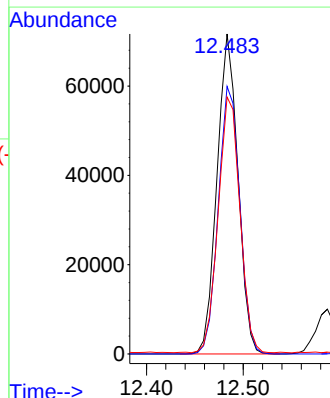
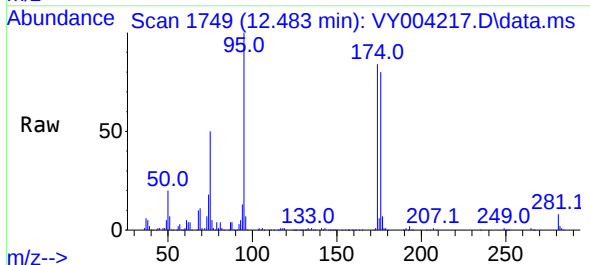
Manual Integrations  
APPROVED

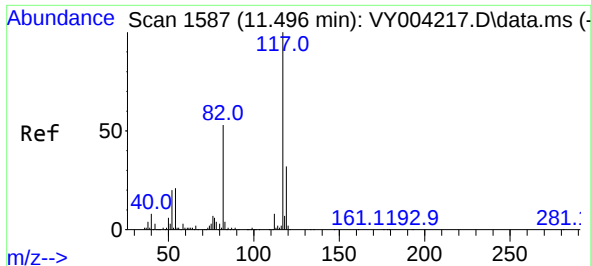
MMDadoda  
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#62  
4-Bromofluorobenzene  
Concen: 44.06 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 95 Resp: 107709  
Ion Ratio Lower Upper  
95 100  
174 85.7 0.0 171.4  
176 82.8 0.0 165.6





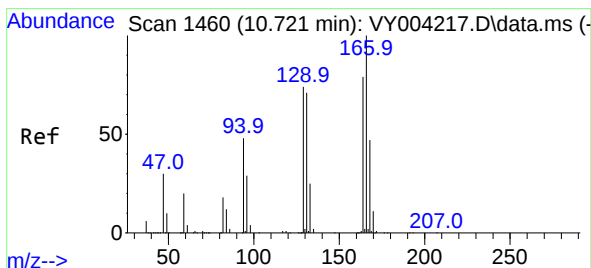
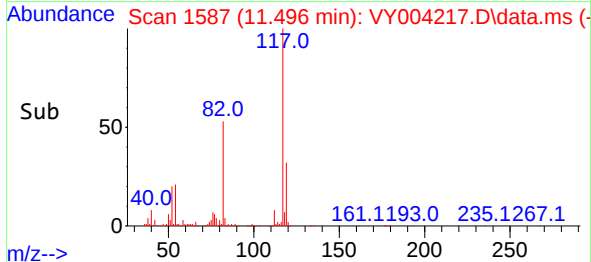
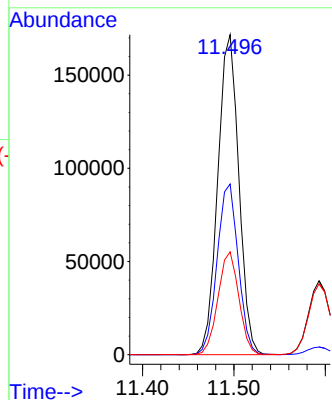
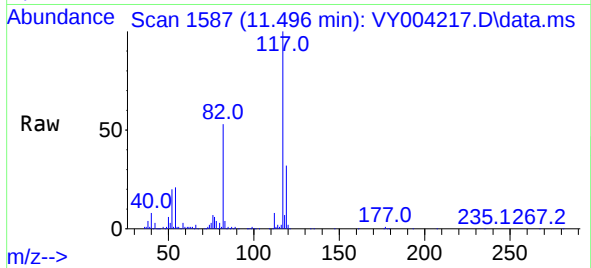
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tgt Ion:117 Resp: 274856  
Ion Ratio Lower Upper  
117 100  
82 53.4 42.7 64.1  
119 32.1 25.7 38.5

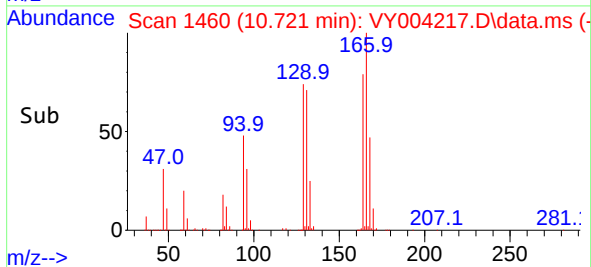
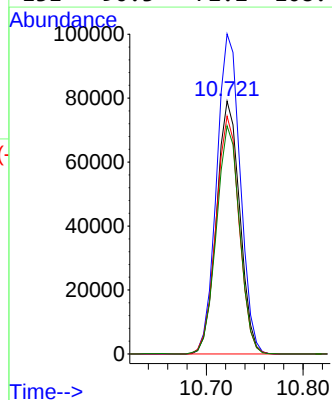
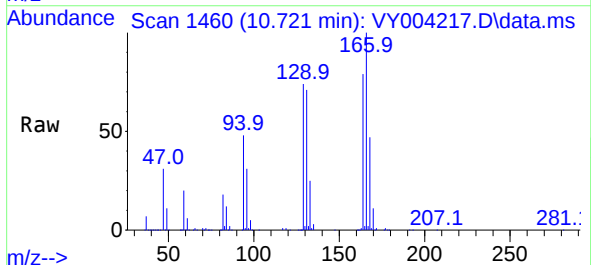
Manual Integrations  
APPROVED

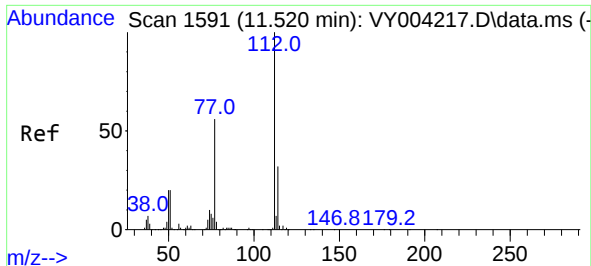
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3/30/2021 7:22:52 PM



#64  
Tetrachloroethene  
Concen: 55.65 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion:164 Resp: 131956  
Ion Ratio Lower Upper  
164 100  
166 126.6 101.3 151.9  
129 94.1 75.3 112.9  
131 90.3 72.2 108.4





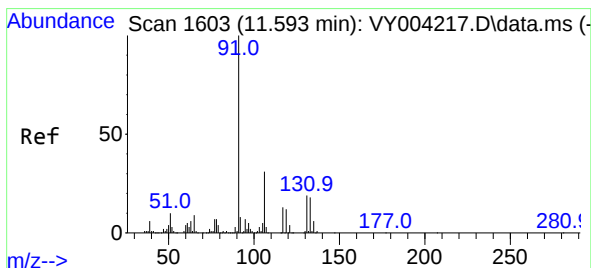
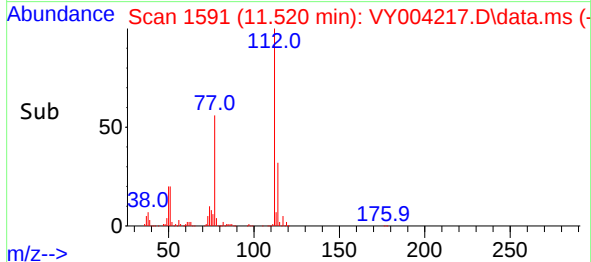
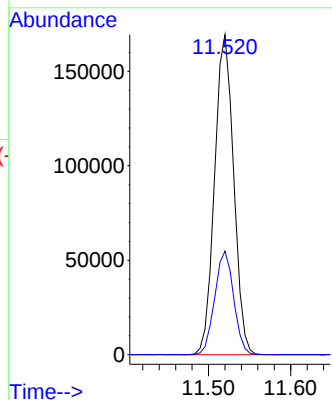
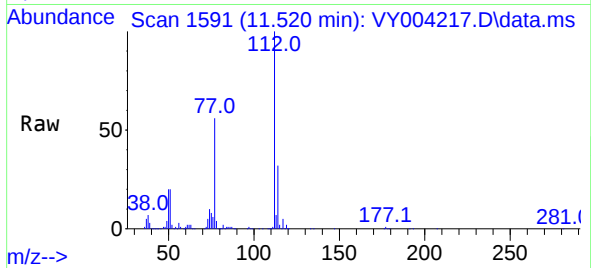
#65  
Chlorobenzene  
Concen: 51.45 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion:112 Resp: 273162  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.9 38.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

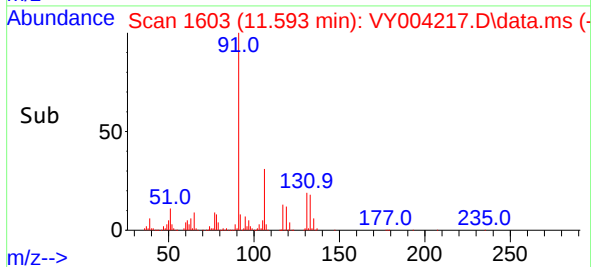
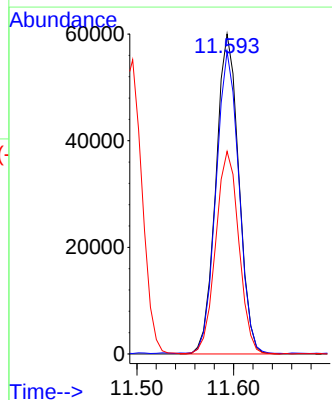
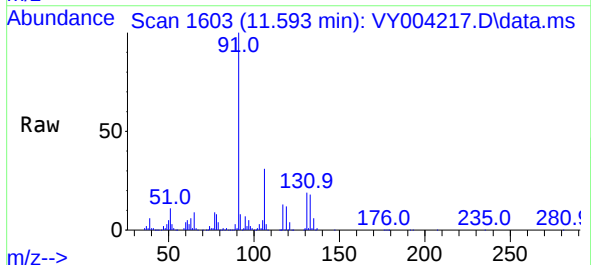
Manual Integrations  
APPROVED

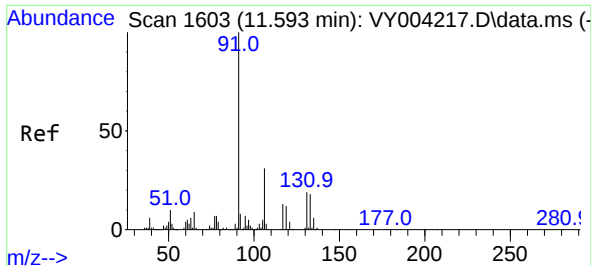
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.88 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion:131 Resp: 98330  
Ion Ratio Lower Upper  
131 100  
133 94.4 47.2 141.6  
119 64.3 32.1 96.5





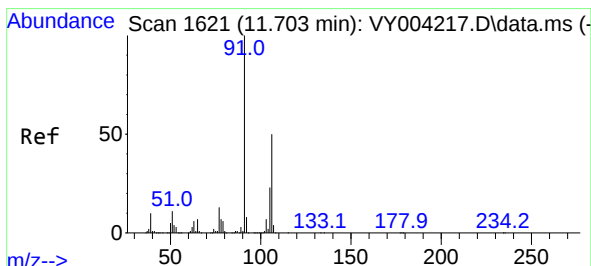
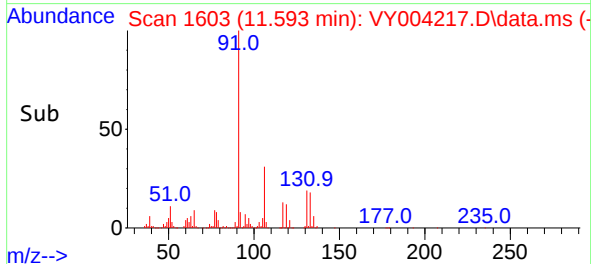
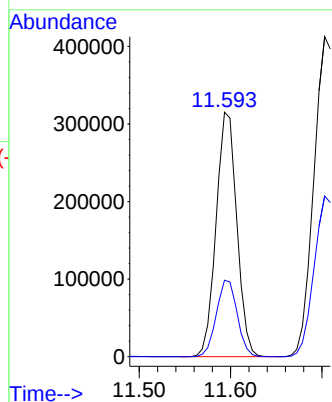
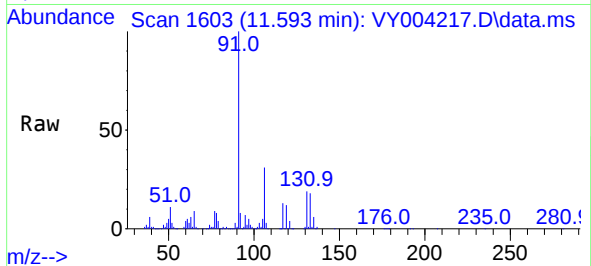
#67  
Ethyl Benzene  
Concen: 50.95 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 91 Resp: 497387  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.0 37.6

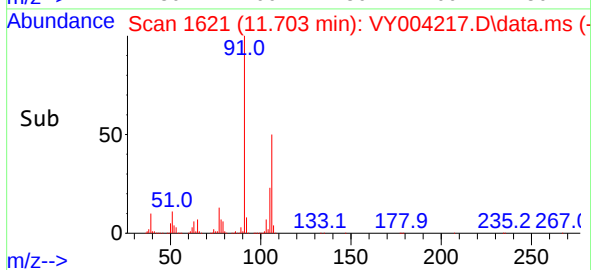
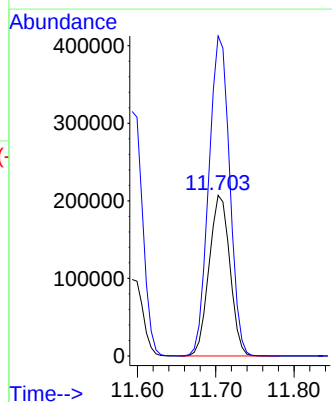
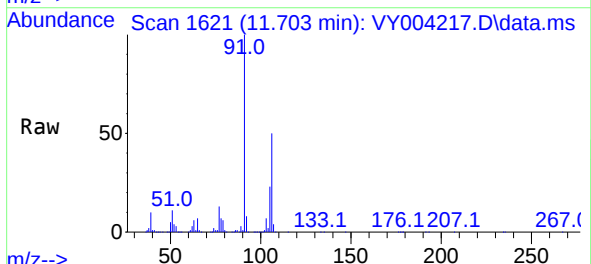
Manual Integrations  
APPROVED

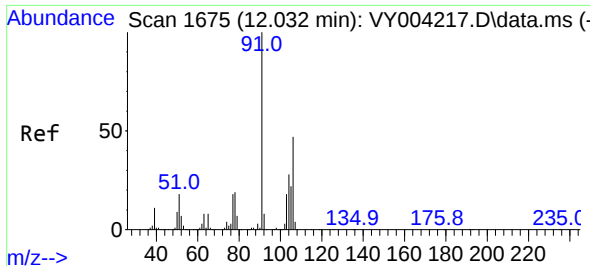
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3/30/2021 7:22:52 PM



#68  
m/p-Xylenes  
Concen: 102.58 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 106 Resp: 382019  
Ion Ratio Lower Upper  
106 100  
91 199.7 159.8 239.6





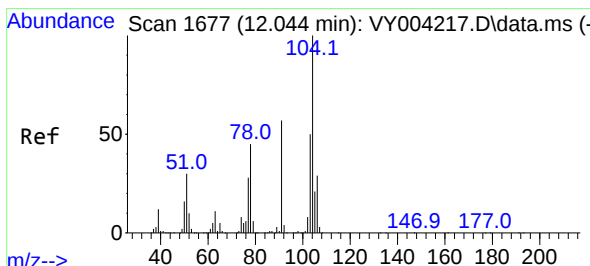
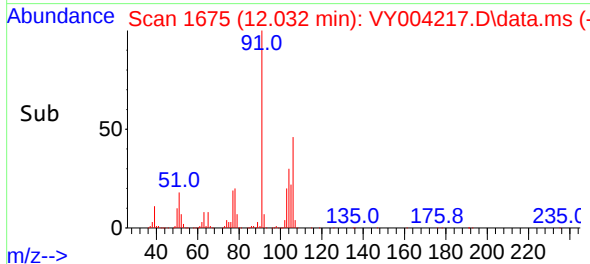
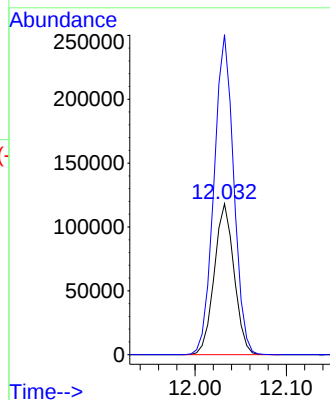
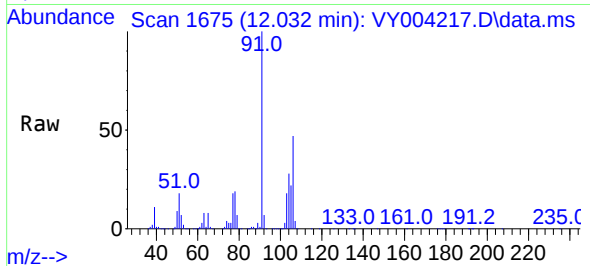
#69  
o-Xylene  
Concen: 50.78 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion:106 Resp: 178122  
Ion Ratio Lower Upper  
106 100  
91 211.2 105.6 316.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

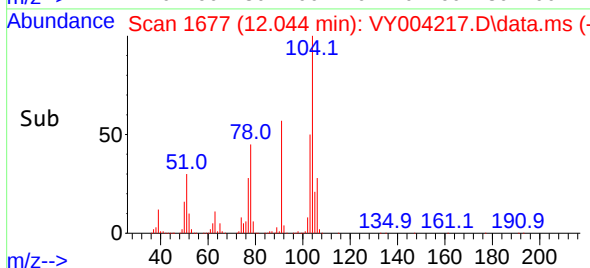
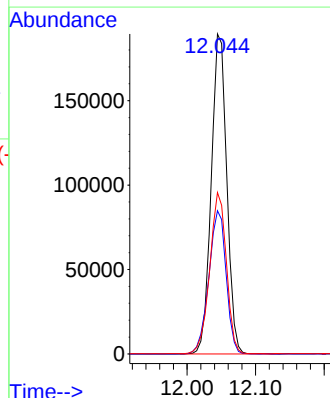
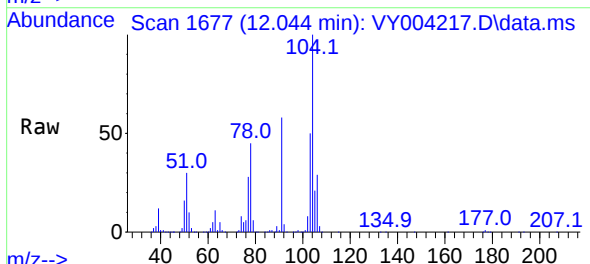
Manual Integrations  
APPROVED

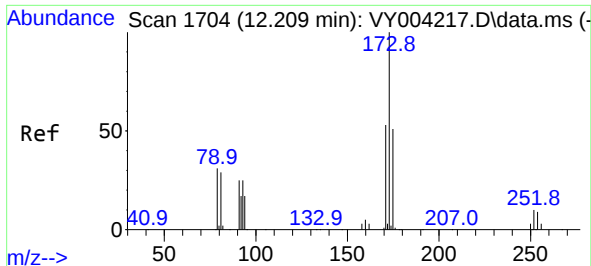
MMDadoda  
3/30/2021 7:22:52 PM



#70  
Styrene  
Concen: 49.97 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion:104 Resp: 299023  
Ion Ratio Lower Upper  
104 100  
78 49.8 39.8 59.8  
103 54.1 43.3 64.9





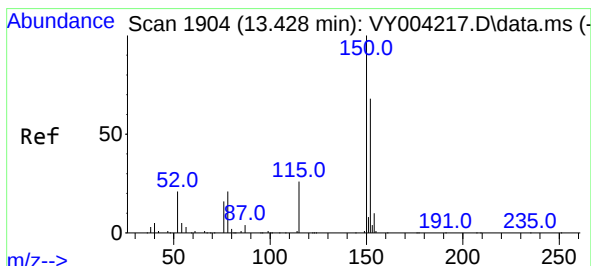
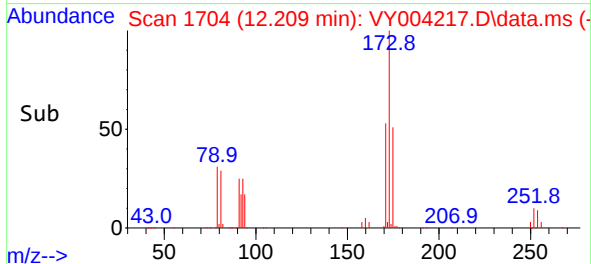
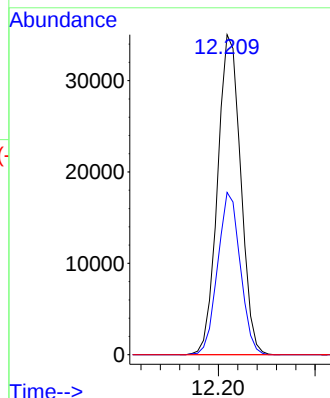
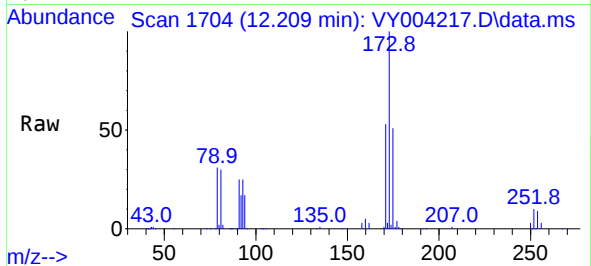
#71  
Bromoform  
Concen: 49.67 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion:173 Resp: 58056  
Ion Ratio Lower Upper  
173 100  
175 49.7 24.9 74.6  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

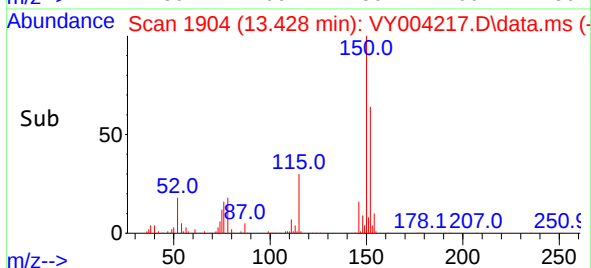
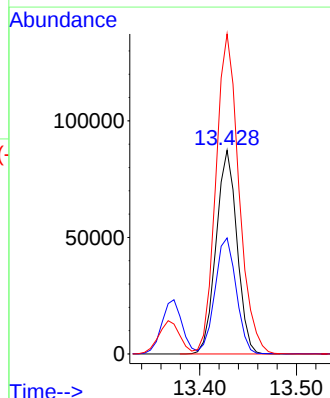
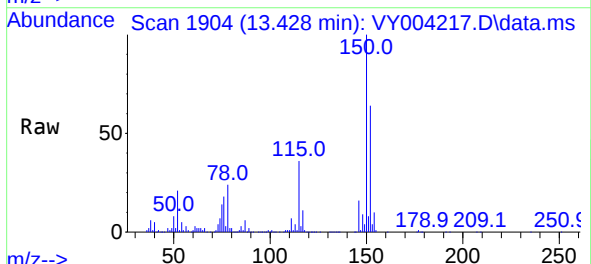
Manual Integrations  
APPROVED

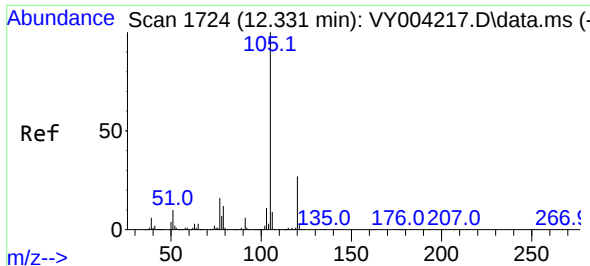
MMDadoda  
3/30/2021 7:22:52 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

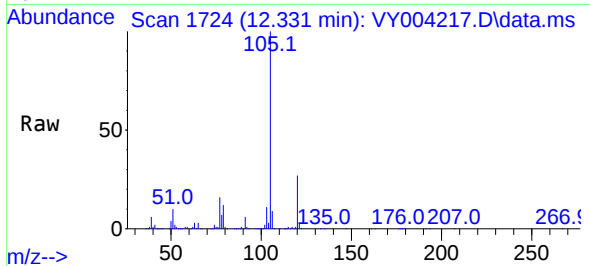
Tgt Ion:152 Resp: 130712  
Ion Ratio Lower Upper  
152 100  
115 58.1 29.0 87.1  
150 173.7 0.0 347.4





#73  
Isopropylbenzene  
Concen: 52.08 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

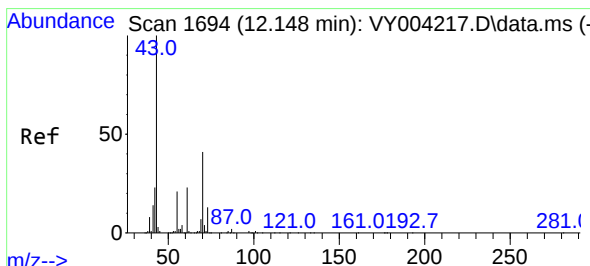
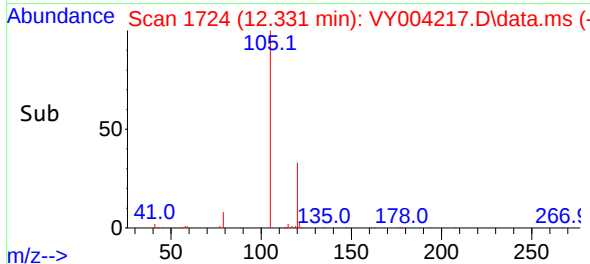
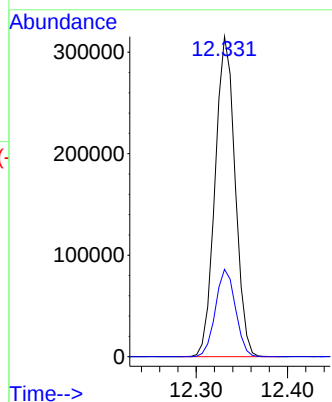
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



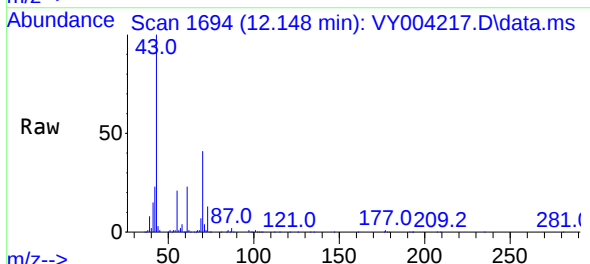
Tgt Ion: 105 Resp: 479278  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.7 41.0

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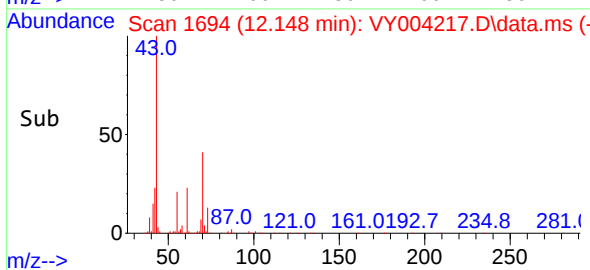
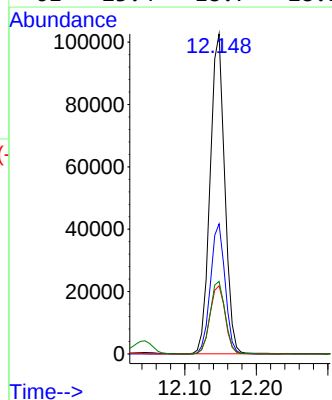
MMDadoda  
3/30/2021 7:22:52 PM

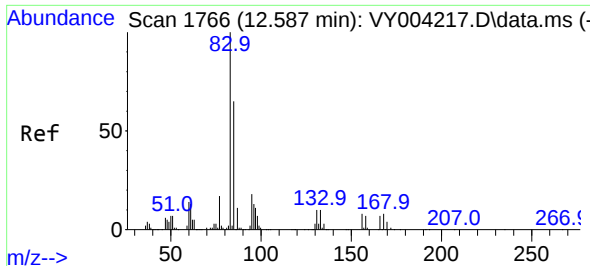


#74  
N-ethyl acetate  
Concen: 55.26 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



Tgt Ion: 43 Resp: 145406  
Ion Ratio Lower Upper  
43 100  
70 40.8 32.6 49.0  
55 22.5 18.0 27.0  
61 23.4 18.7 28.1





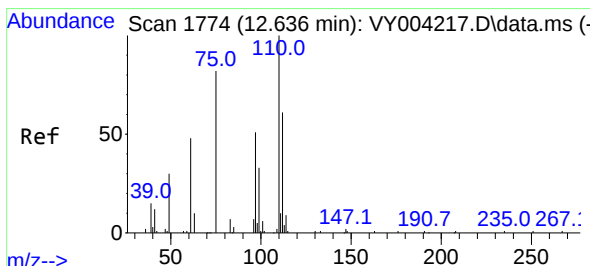
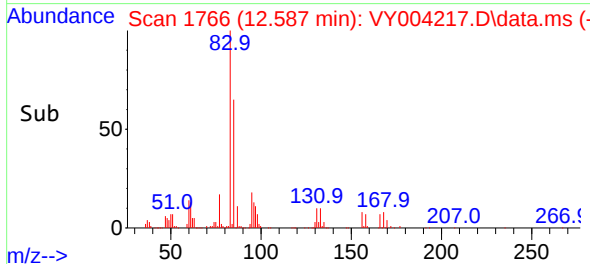
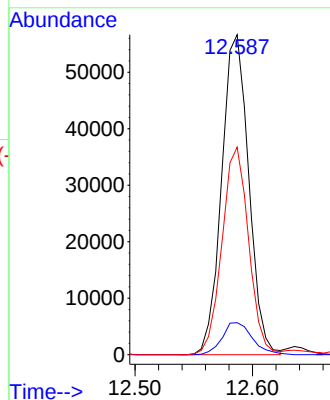
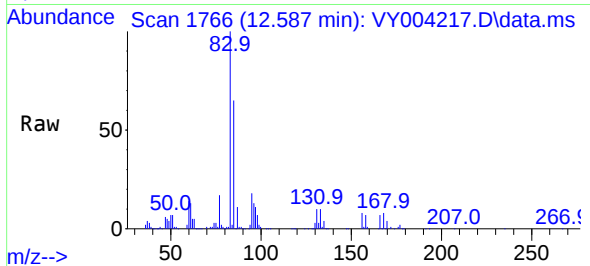
#75  
1,1,2,2-Tetrachloroethane  
Concen: 56.58 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 90868 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.2  | 5.6   | 16.8  |
| 85        | 63.6  | 31.8  | 95.4  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

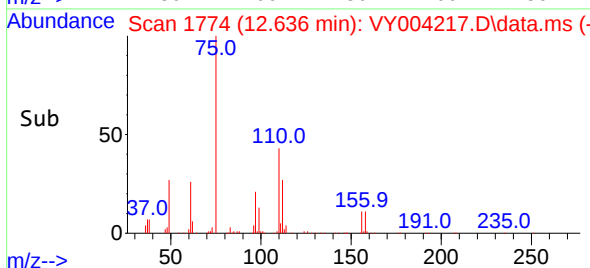
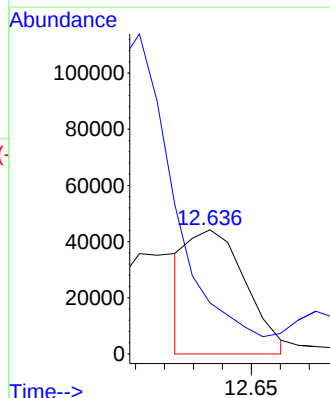
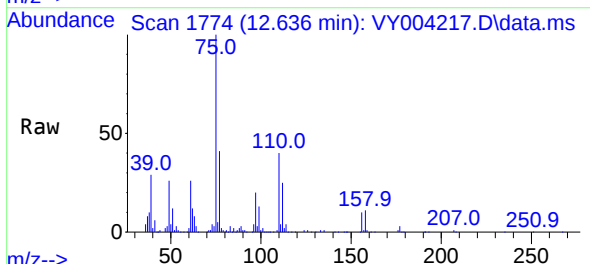
Manual Integrations  
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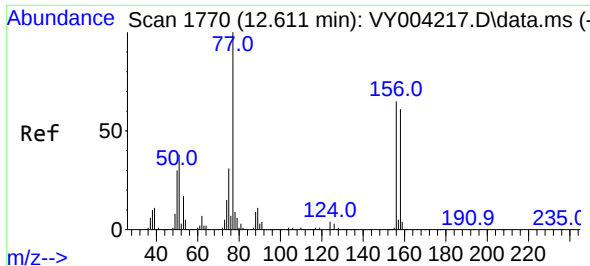
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#76  
1,2,3-Trichloropropane  
Concen: 49.42 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 61669 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





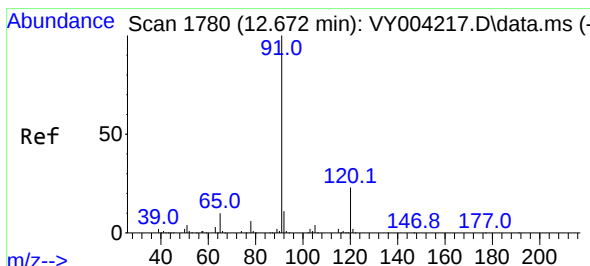
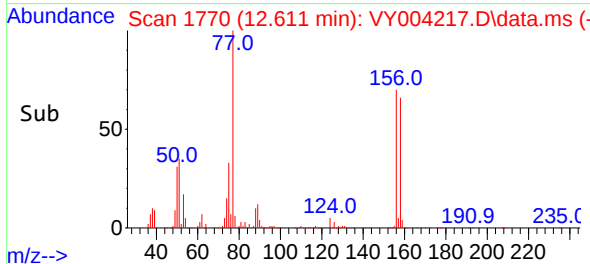
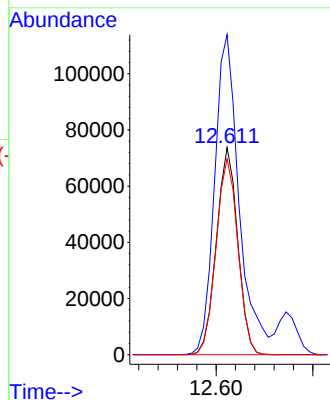
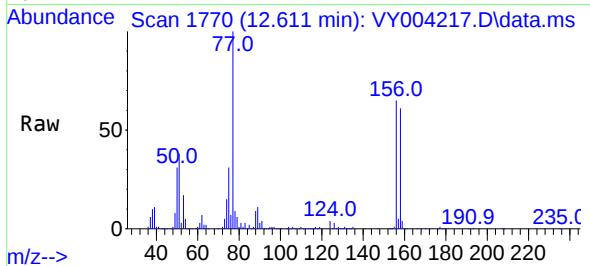
#77  
Bromobenzene  
Concen: 52.95 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 156 Resp: 112713  
Ion Ratio Lower Upper  
156 100  
77 177.3 88.6 265.9  
158 96.6 48.3 144.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

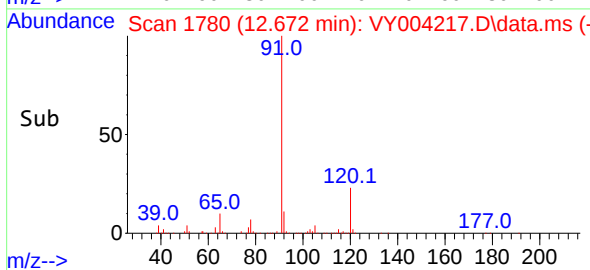
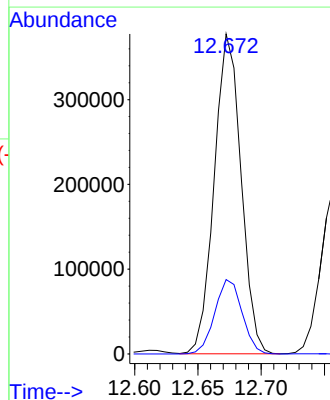
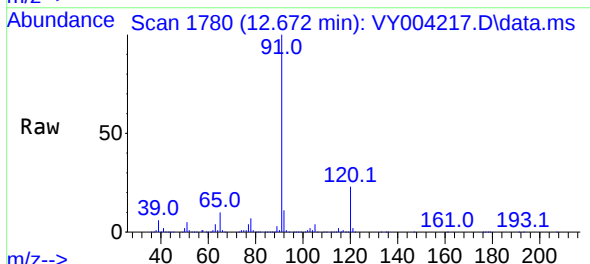
Manual Integrations  
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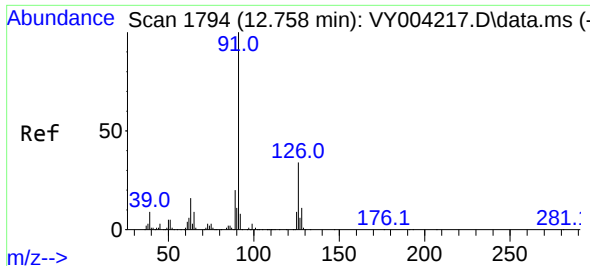
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#78  
n-propylbenzene  
Concen: 51.38 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 91 Resp: 555634  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.9 35.5





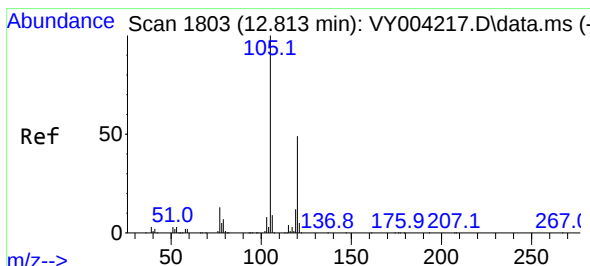
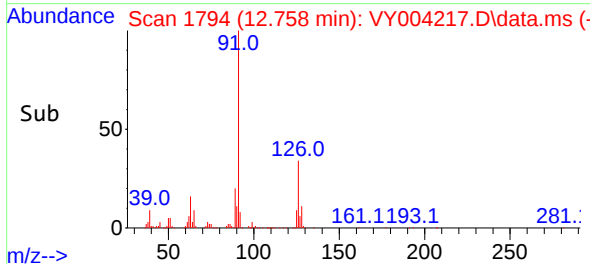
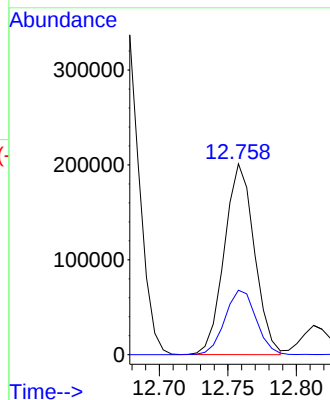
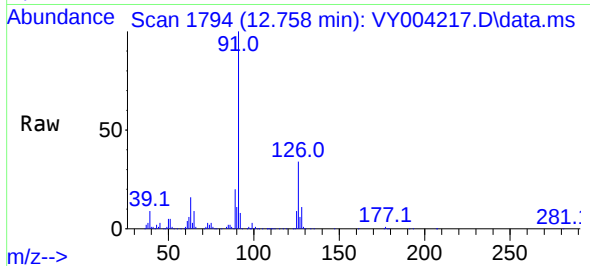
#79  
2-Chlorotoluene  
Concen: 50.69 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 91 Resp: 306818  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.5 52.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

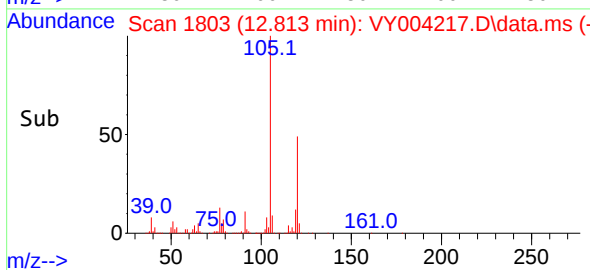
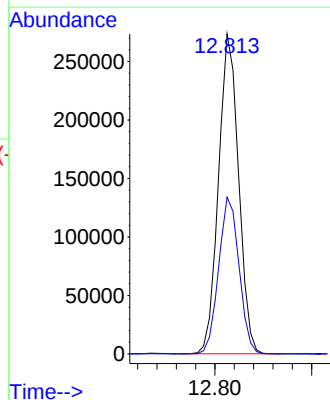
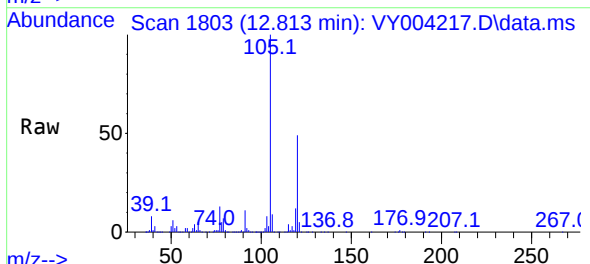
Manual Integrations  
APPROVED

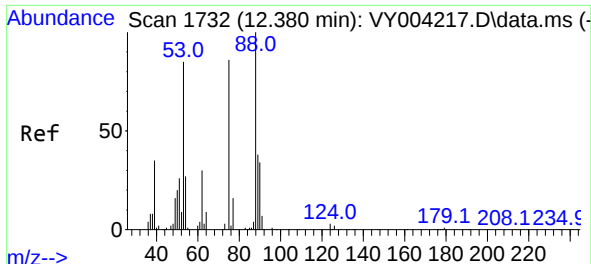
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3/30/2021 7:22:52 PM



#80  
1,3,5-Trimethylbenzene  
Concen: 50.73 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 105 Resp: 393650  
Ion Ratio Lower Upper  
105 100  
120 49.8 24.9 74.7





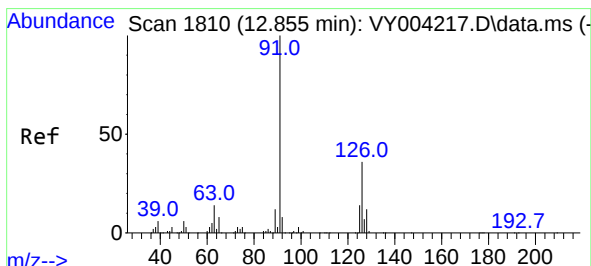
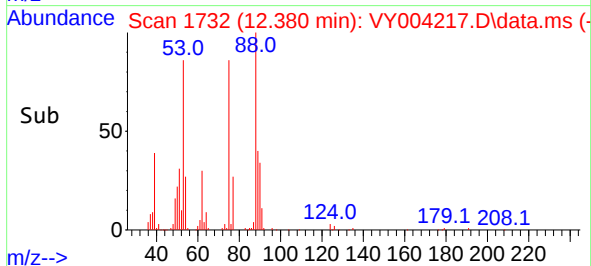
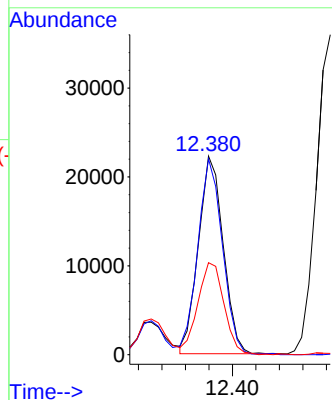
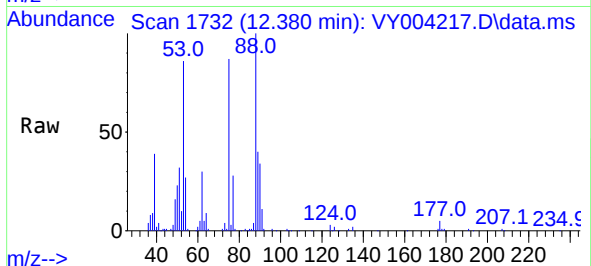
#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.43 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 75 Resp: 32627  
Ion Ratio Lower Upper  
75 100  
53 99.1 79.3 118.9  
89 49.3 39.4 59.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

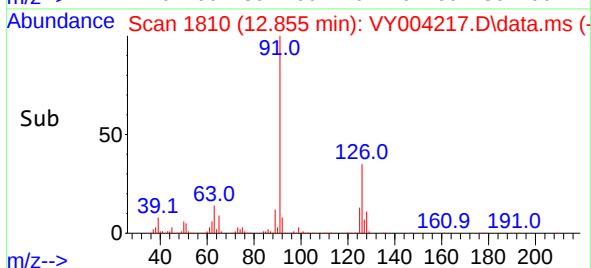
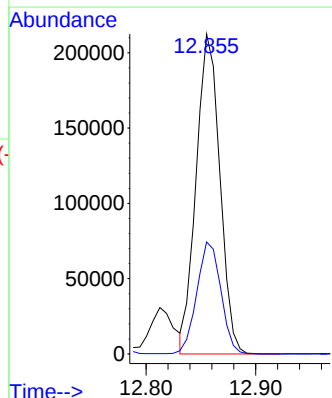
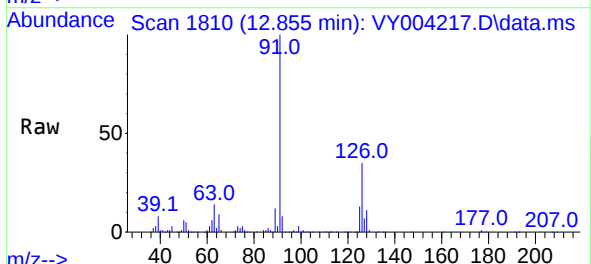
Manual Integrations  
APPROVED

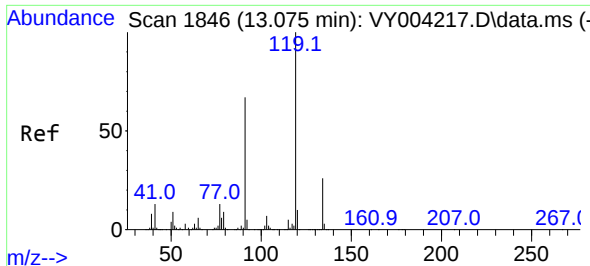
MMDadoda  
3/30/2021 7:22:52 PM



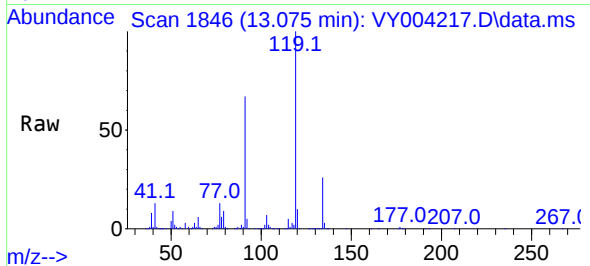
#82  
4-Chlorotoluene  
Concen: 49.86 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion: 91 Resp: 318787  
Ion Ratio Lower Upper  
91 100  
126 35.6 17.8 53.4

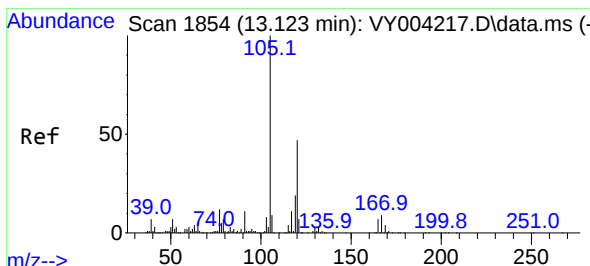
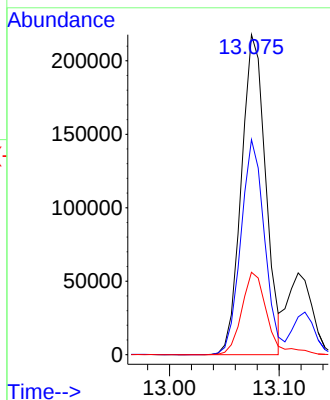
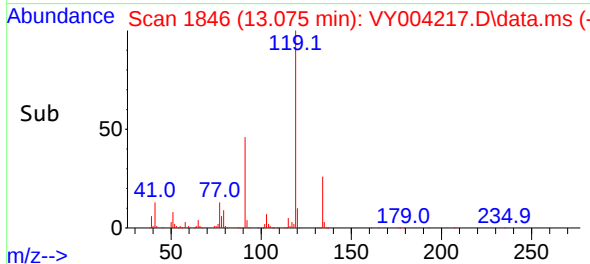




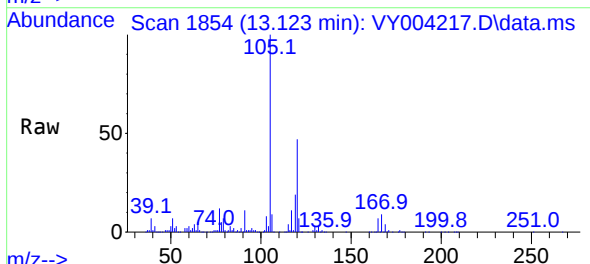
#83  
tert-Butylbenzene  
Concen: 50.18 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



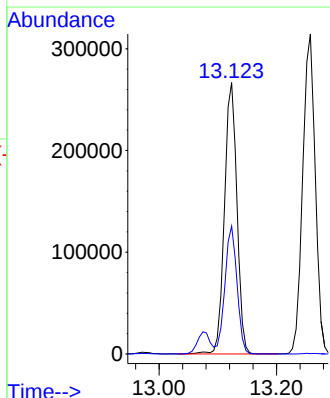
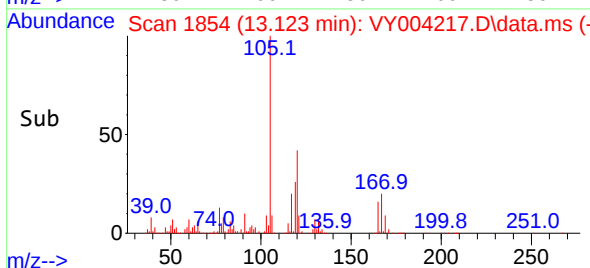
Tgt Ion:119 Resp: 334130  
Ion Ratio Lower Upper  
119 100  
91 66.1 33.1 99.2  
134 27.2 13.6 40.8



#84  
1,2,4-Trimethylbenzene  
Concen: 50.58 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



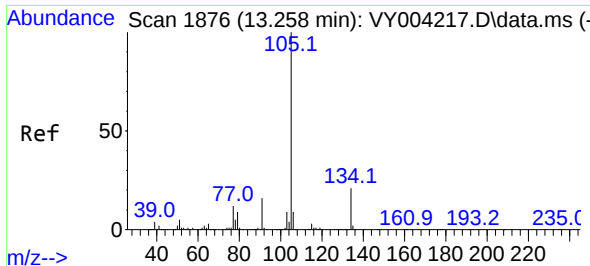
Tgt Ion:105 Resp: 392494  
Ion Ratio Lower Upper  
105 100  
120 45.8 22.9 68.7



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

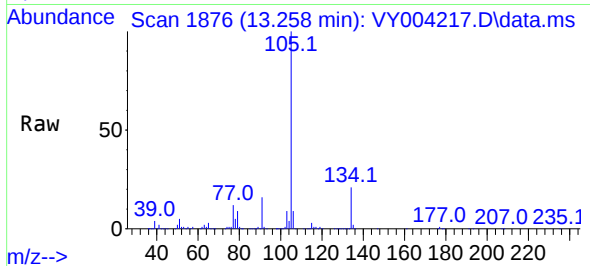
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#85  
sec-Butylbenzene  
Concen: 50.57 ug/l  
RT: 13.258 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

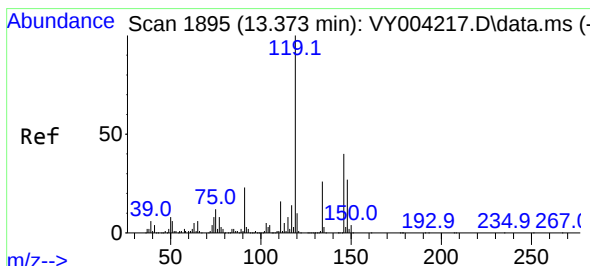
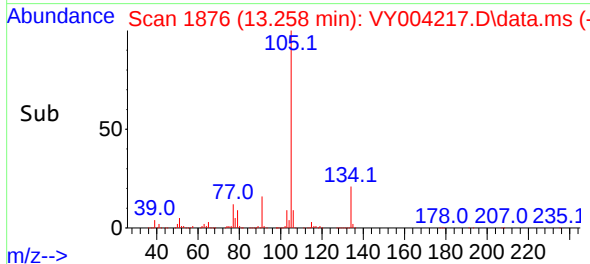
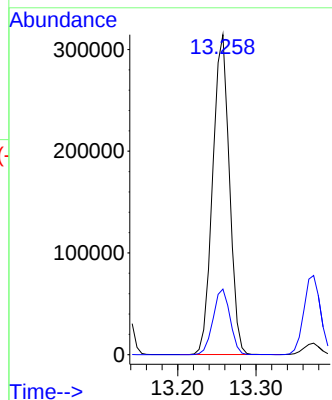
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



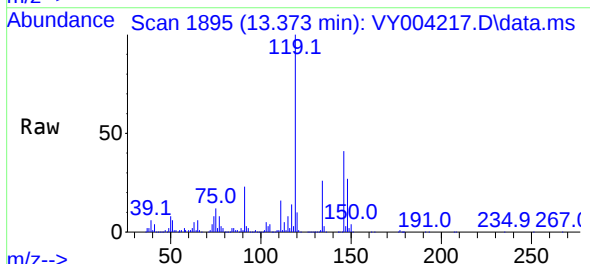
Tgt Ion:105 Resp: 464874  
Ion Ratio Lower Upper  
105 100  
134 20.9 10.4 31.4

Manual Integrations  
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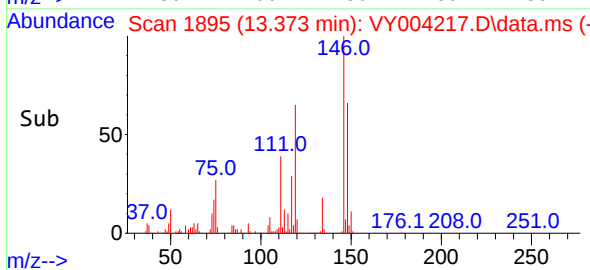
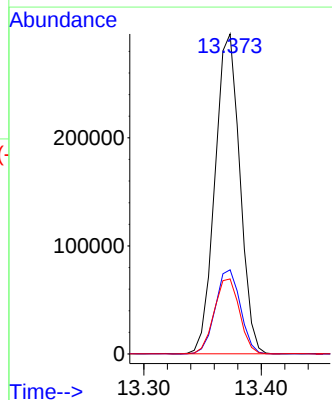
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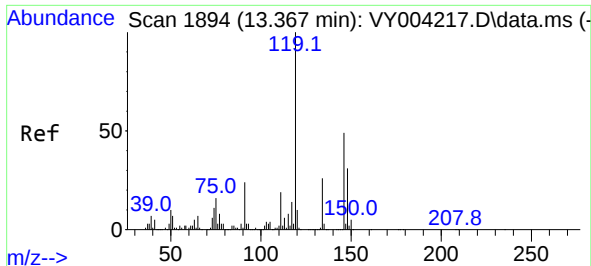


#86  
p-Isopropyltoluene  
Concen: 50.98 ug/l  
RT: 13.373 min Scan# 1895  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

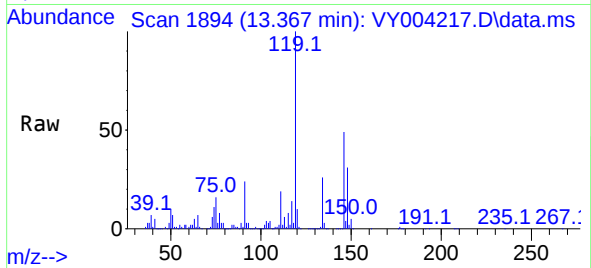


Tgt Ion:119 Resp: 435135  
Ion Ratio Lower Upper  
119 100  
134 26.6 13.3 39.9  
91 24.0 12.0 36.0

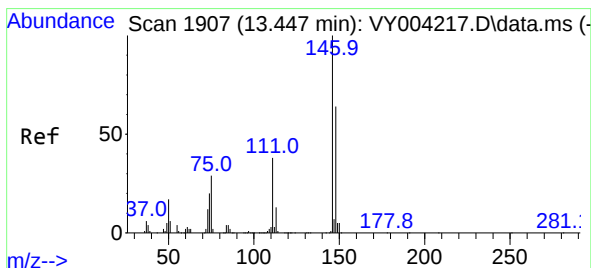
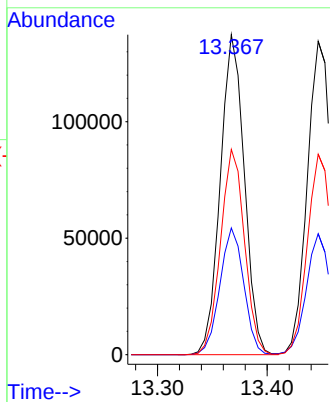
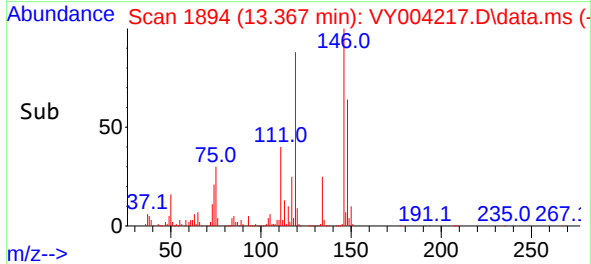




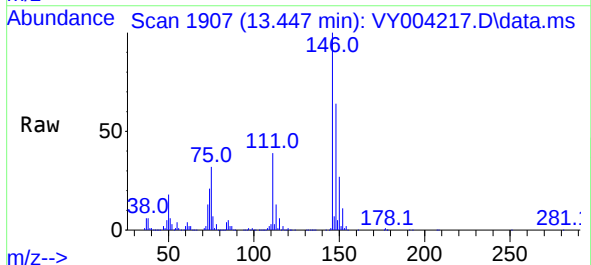
#87  
1,3-Dichlorobenzene  
Concen: 51.31 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



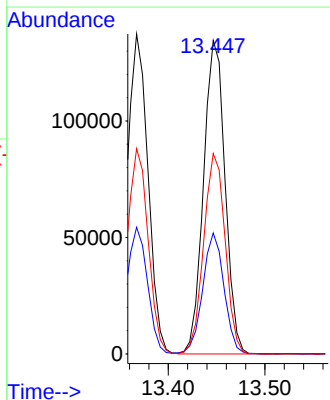
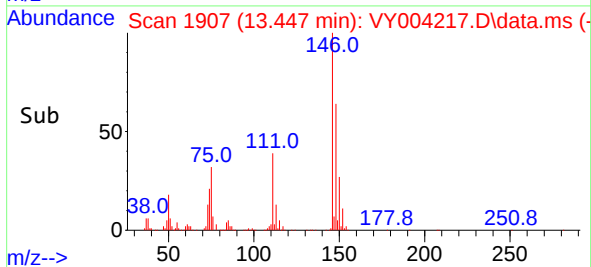
Tgt Ion:146 Resp: 209427  
Ion Ratio Lower Upper  
146 100  
111 39.4 19.7 59.1  
148 64.1 32.0 96.2



#88  
1,4-Dichlorobenzene  
Concen: 51.07 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



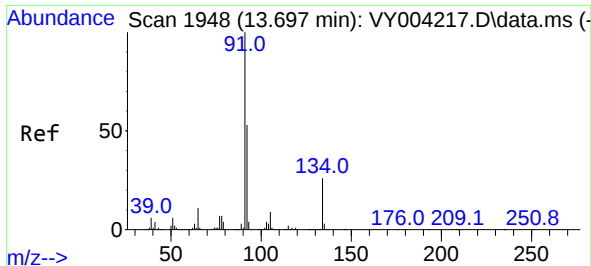
Tgt Ion:146 Resp: 208243  
Ion Ratio Lower Upper  
146 100  
111 38.2 19.1 57.3  
148 63.9 31.9 95.9



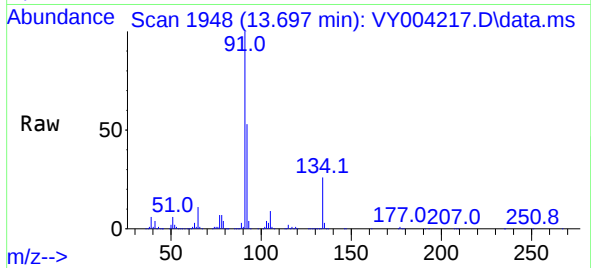
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

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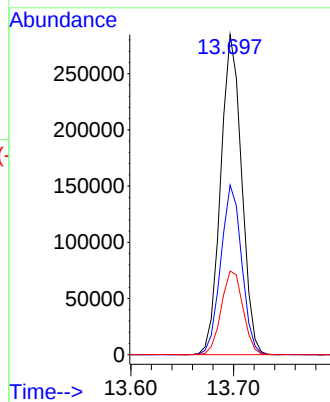
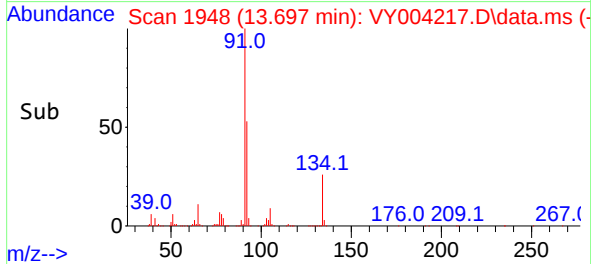
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#89  
n-Butylbenzene  
Concen: 49.85 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



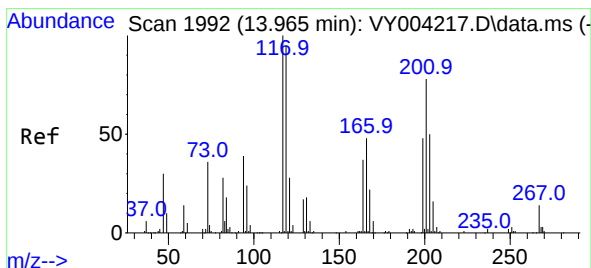
Tgt Ion: 91 Resp: 403053  
Ion Ratio Lower Upper  
91 100  
92 52.9 26.5 79.4  
134 27.1 13.6 40.7



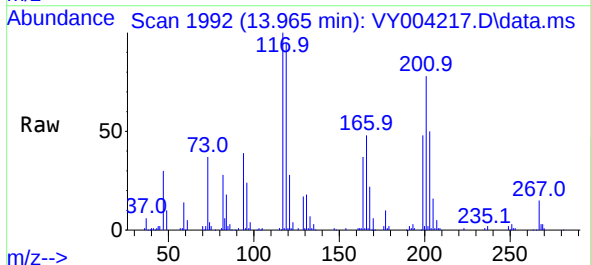
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

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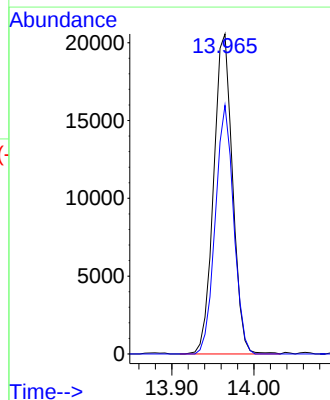
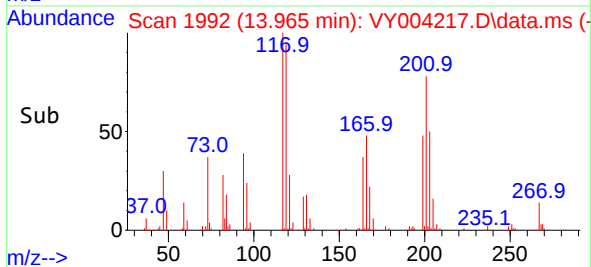
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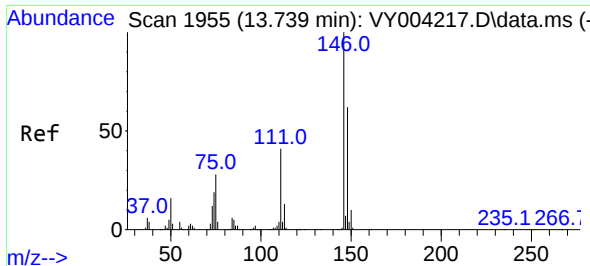


#90  
Hexachloroethane  
Concen: 23.85 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



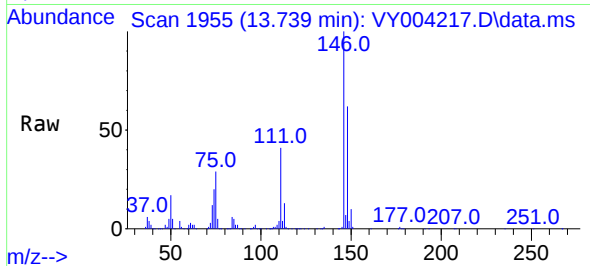
Tgt Ion: 117 Resp: 32901  
Ion Ratio Lower Upper  
117 100  
201 75.3 37.6 112.9





#91  
1,2-Dichlorobenzene  
Concen: 52.17 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

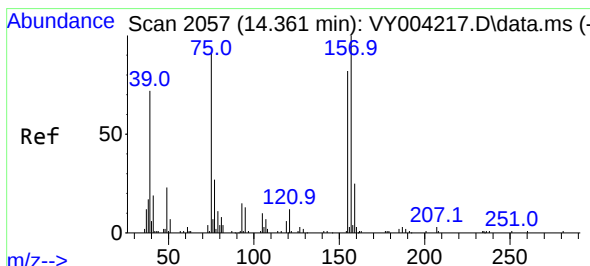
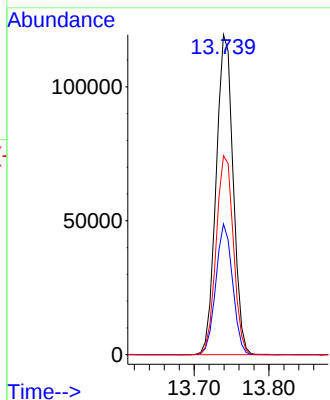
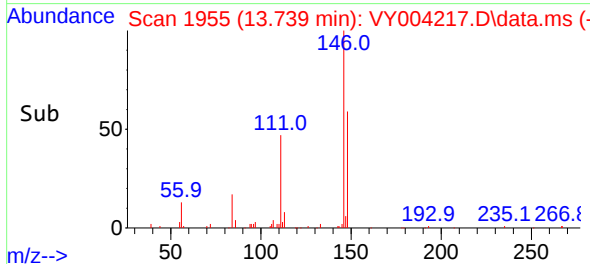
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050



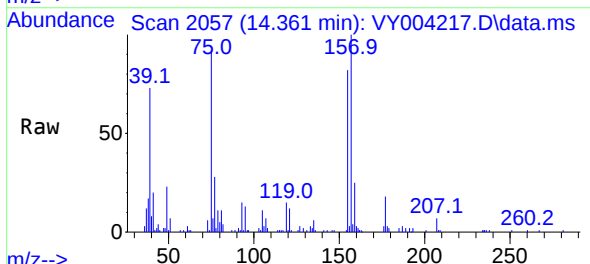
Tgt Ion:146 Resp: 189107  
Ion Ratio Lower Upper  
146 100  
111 40.2 20.1 60.3  
148 63.1 31.6 94.7

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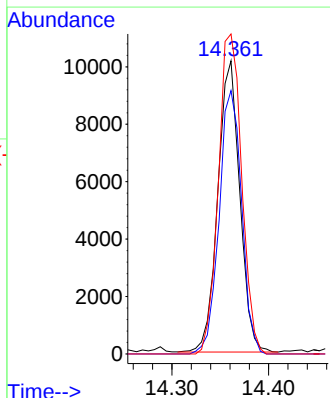
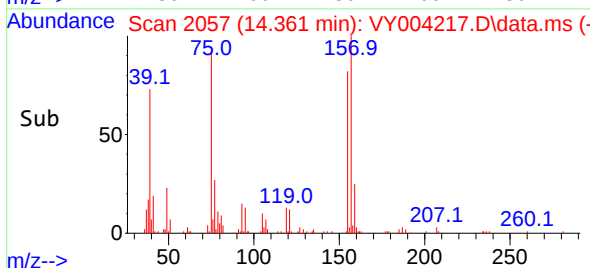
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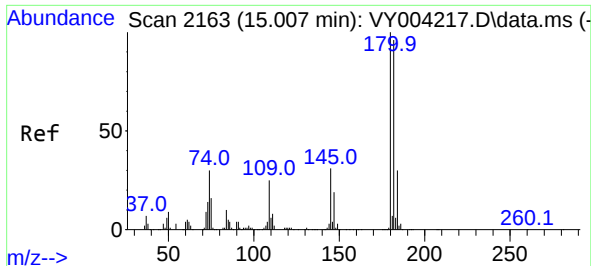


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 53.13 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

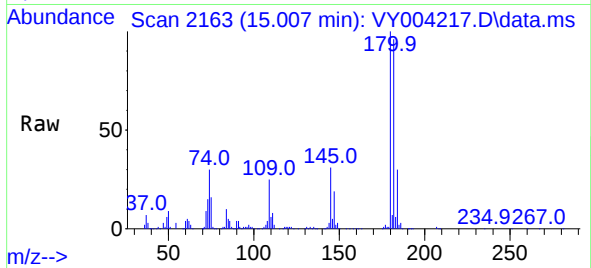


Tgt Ion: 75 Resp: 15959  
Ion Ratio Lower Upper  
75 100  
155 92.5 46.3 138.8  
157 116.6 58.3 174.9

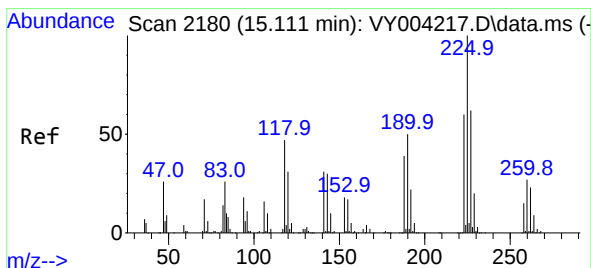
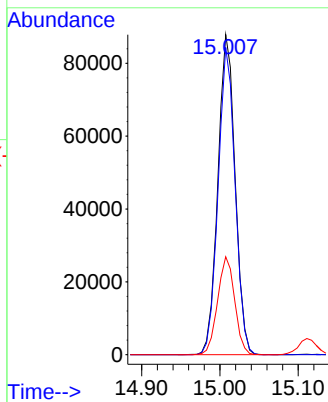
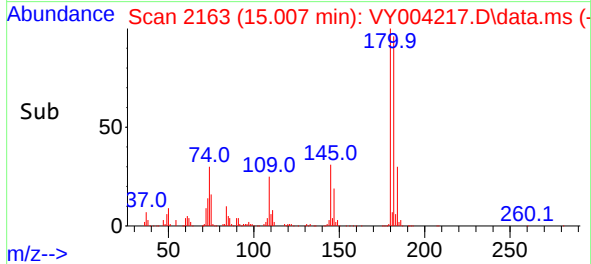




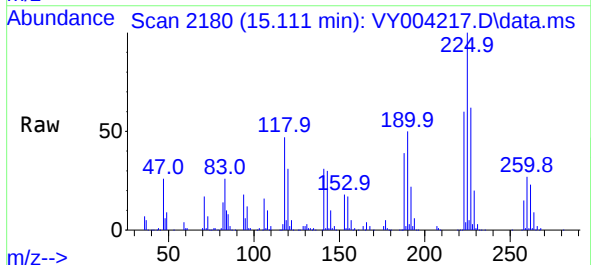
#93  
1,2,4-Trichlorobenzene  
Concen: 54.30 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



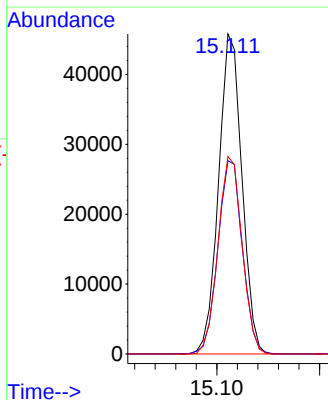
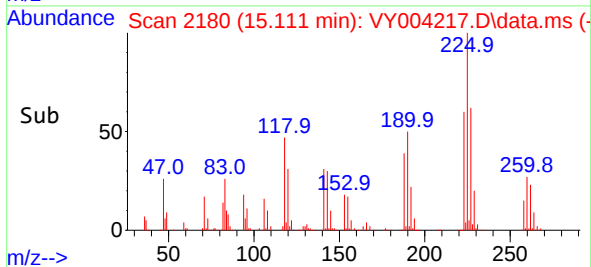
Tgt Ion:180 Resp: 134563  
Ion Ratio Lower Upper  
180 100  
182 94.5 47.3 141.8  
145 30.3 15.2 45.5



#94  
Hexachlorobutadiene  
Concen: 52.27 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54



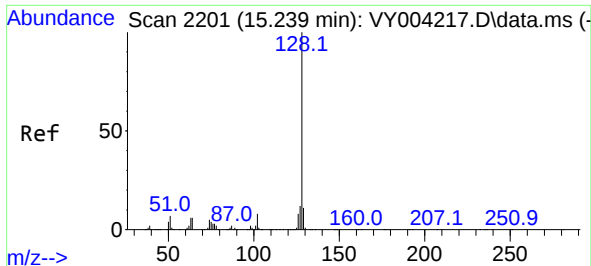
Tgt Ion:225 Resp: 72056  
Ion Ratio Lower Upper  
225 100  
223 63.3 31.6 95.0  
227 63.6 31.8 95.4



Instrument :  
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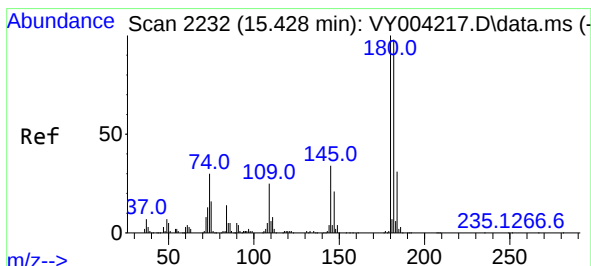
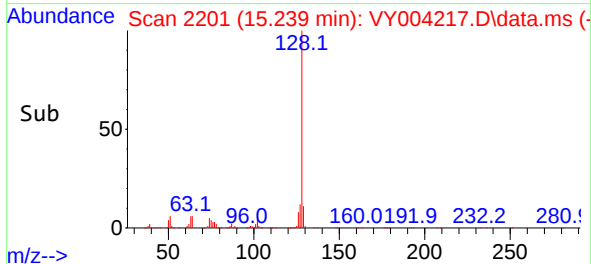
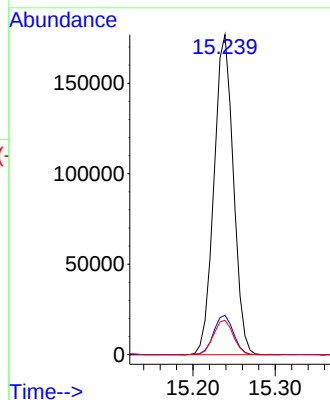
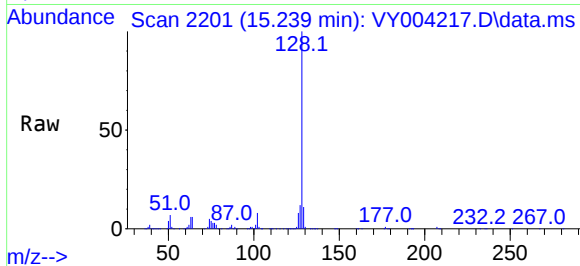
#95  
Naphthalene  
Concen: 58.35 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion:128 Resp: 289347  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.1 15.1  
129 11.1 8.9 13.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

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#96  
1,2,3-Trichlorobenzene  
Concen: 56.84 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY004217.D  
Acq: 29 Mar 2021 17:54

Tgt Ion:180 Resp: 119416  
Ion Ratio Lower Upper  
180 100  
182 96.0 48.0 144.0  
145 33.3 16.7 50.0

