

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032221\  
 Data File : VX021372.D  
 Acq On : 22 Mar 2021 20:34  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 3/23/2021 10:48:41 AM

Quant Time: Mar 23 02:05:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031621W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 16 14:00:21 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response           | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|--------------------|--------|--------|----------|
| -----                        |                |      |                    |        |        |          |
| Internal Standards           |                |      |                    |        |        |          |
| 1) Pentafluorobenzene        | 5.629          | 168  | 72867              | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.829          | 114  | 122202             | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.094         | 117  | 118479             | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.059         | 152  | 57770              | 50.00  | ug/l   | 0.00     |
|                              |                |      |                    |        |        |          |
| System Monitoring Compounds  |                |      |                    |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 6.029          | 65   | 63649              | 53.26  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 106.52% |        |        |          |
| 35) Dibromofluoromethane     | 5.464          | 113  | 44504              | 53.52  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 107.04% |        |        |          |
| 50) Toluene-d8               | 8.694          | 98   | 159487             | 52.86  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 105.72% |        |        |          |
| 62) 4-Bromofluorobenzene     | 11.118         | 95   | 65036              | 55.51  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 111.02% |        |        |          |
|                              |                |      |                    |        |        |          |
| Target Compounds             |                |      |                    |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.181          | 85   | 43839              | 50.36  | ug/l   | 97       |
| 3) Chloromethane             | 1.311          | 50   | 54166              | 42.92  | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.393          | 62   | 45024              | 50.78  | ug/l   | 100      |
| 5) Bromomethane              | 1.622          | 94   | 21810              | 56.32  | ug/l   | 95       |
| 6) Chloroethane              | 1.699          | 64   | 28061              | 51.79  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 1.905          | 101  | 72668              | 54.37  | ug/l   | 95       |
| 8) Diethyl Ether             | 2.170          | 74   | 24576              | 52.26  | ug/l   | 77       |
| 9) 1,1,2-Trichlorotrifluo... | 2.358          | 101  | 40427              | 53.09  | ug/l   | 94       |
| 10) Methyl Iodide            | 2.487          | 142  | 35391              | 53.24  | ug/l   | 90       |
| 11) Tert butyl alcohol       | 3.023          | 59   | 51980              | 258.89 | ug/l   | 97       |
| 12) 1,1-Dichloroethene       | 2.352          | 96   | 37610              | 50.63  | ug/l   | 86       |
| 13) Acrolein                 | 2.276          | 56   | 37450              | 311.33 | ug/l   | 99       |
| 14) Allyl chloride           | 2.705          | 41   | 76637              | 50.06  | ug/l # | 88       |
| 15) Acrylonitrile            | 3.117          | 53   | 129099             | 276.54 | ug/l   | 97       |
| 16) Acetone                  | 2.423          | 43   | 120903             | 274.94 | ug/l # | 87       |
| 17) Carbon Disulfide         | 2.546          | 76   | 101199             | 46.84  | ug/l   | 100      |
| 18) Methyl Acetate           | 2.746          | 43   | 63638              | 52.81  | ug/l   | 90       |
| 19) Methyl tert-butyl Ether  | 3.170          | 73   | 146439             | 52.53  | ug/l   | 99       |
| 20) Methylene Chloride       | 2.834          | 84   | 45855              | 50.70  | ug/l # | 84       |
| 21) trans-1,2-Dichloroethene | 3.140          | 96   | 41506              | 50.05  | ug/l   | 91       |
| 22) Diisopropyl ether        | 3.823          | 45   | 156727             | 53.28  | ug/l # | 91       |
| 23) Vinyl Acetate            | 3.782          | 43   | 684458             | 266.73 | ug/l # | 92       |
| 24) 1,1-Dichloroethane       | 3.670          | 63   | 83618              | 52.64  | ug/l   | 98       |
| 25) 2-Butanone               | 4.635          | 43   | 187425             | 277.16 | ug/l   | 89       |
| 26) 2,2-Dichloropropane      | 4.552          | 77   | 62352              | 44.99  | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.558          | 96   | 49984              | 52.46  | ug/l   | 92       |
| 28) Bromochloromethane       | 4.976          | 49   | 40453              | 54.06  | ug/l   | 85       |
| 29) Tetrahydrofuran          | 5.088          | 42   | 120460             | 269.72 | ug/l   | 86       |
| 30) Chloroform               | 5.176          | 83   | 90130              | 54.50  | ug/l   | 99       |
| 31) Cyclohexane              | 5.547          | 56   | 71193              | 49.28  | ug/l   | 92       |
| 32) 1,1,1-Trichloroethane    | 5.458          | 97   | 78663              | 53.68  | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 5.764          | 75   | 61132              | 49.65  | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.793          | 43   | 71942              | 50.42  | ug/l # | 93       |
| 38) Carbon Tetrachloride     | 5.752          | 117  | 68609              | 53.66  | ug/l   | 97       |
| 39) Methylcyclohexane        | 7.441          | 83   | 69660              | 50.96  | ug/l   | 93       |
| 40) Benzene                  | 6.111          | 78   | 181093             | 53.37  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032221\  
 Data File : VX021372.D  
 Acq On : 22 Mar 2021 20:34  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 3/23/2021 10:48:41 AM

Quant Time: Mar 23 02:05:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031621W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 16 14:00:21 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.999  | 41   | 42001    | 51.30   | ug/l # | 89       |
| 42) 1,2-Dichloroethane        | 6.164  | 62   | 79258    | 54.14   | ug/l   | 93       |
| 43) Isopropyl Acetate         | 6.411  | 43   | 120765   | 51.62   | ug/l # | 91       |
| 44) Trichloroethene           | 7.188  | 130  | 46671    | 51.78   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 7.488  | 63   | 49628    | 54.44   | ug/l   | 99       |
| 46) Dibromomethane            | 7.635  | 93   | 35722    | 53.54   | ug/l   | 91       |
| 47) Bromodichloromethane      | 7.876  | 83   | 73810    | 55.17   | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.747  | 41   | 65426    | 52.72   | ug/l # | 81       |
| 49) 1,4-Dioxane               | 7.712  | 88   | 22836    | 1081.26 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 8.617  | 43   | 383811   | 281.93  | ug/l   | 88       |
| 52) Toluene                   | 8.765  | 92   | 116605   | 55.57   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 9.023  | 75   | 74584    | 52.55   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.412  | 75   | 79967    | 52.76   | ug/l # | 82       |
| 55) 1,1,2-Trichloroethane     | 9.194  | 97   | 49202    | 57.32   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.159  | 69   | 75257    | 54.52   | ug/l # | 75       |
| 57) 1,3-Dichloropropane       | 9.353  | 76   | 83283    | 55.75   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.288  | 63   | 202520   | 268.45  | ug/l   | 95       |
| 59) 2-Hexanone                | 9.471  | 43   | 287123   | 281.79  | ug/l   | 85       |
| 60) Dibromochloromethane      | 9.565  | 129  | 56696    | 57.99   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.653  | 107  | 52065    | 55.34   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.318  | 164  | 43154    | 48.77   | ug/l   | 96       |
| 65) Chlorobenzene             | 10.124 | 112  | 124528   | 51.13   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.206 | 131  | 49033    | 54.26   | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.235 | 91   | 231825   | 51.46   | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.341 | 106  | 165746   | 102.99  | ug/l   | 93       |
| 69) o-Xylene                  | 10.682 | 106  | 80431    | 51.43   | ug/l   | 93       |
| 70) Styrene                   | 10.694 | 104  | 139336   | 53.10   | ug/l   | 95       |
| 71) Bromoform                 | 10.841 | 173  | 38777    | 53.07   | ug/l # | 97       |
| 73) Isopropylbenzene          | 11.000 | 105  | 223132   | 52.00   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.883 | 43   | 106468   | 48.91   | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 11.253 | 83   | 75225    | 52.81   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.277 | 75   | 72892m   | 54.39   | ug/l   |          |
| 77) Bromobenzene              | 11.241 | 156  | 53722    | 52.76   | ug/l   | 94       |
| 78) n-propylbenzene           | 11.341 | 91   | 257344   | 51.28   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.406 | 91   | 154114   | 50.57   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.488 | 105  | 190042   | 52.34   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.059 | 75   | 23336    | 47.28   | ug/l # | 85       |
| 82) 4-Chlorotoluene           | 11.494 | 91   | 182437   | 50.84   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.753 | 119  | 187968   | 54.38   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.789 | 105  | 191908   | 51.97   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.930 | 105  | 211550   | 51.92   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.047 | 119  | 193984   | 51.96   | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 12.012 | 146  | 95370    | 51.36   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.083 | 146  | 93860    | 49.42   | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.371 | 91   | 171817   | 50.50   | ug/l   | 97       |
| 90) Hexachloroethane          | 12.577 | 117  | 34883    | 61.35   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.377 | 146  | 94734    | 52.31   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.983 | 75   | 18187    | 49.78   | ug/l   | 80       |
| 93) 1,2,4-Trichlorobenzene    | 13.630 | 180  | 61309    | 51.50   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.765 | 225  | 24930    | 49.90   | ug/l   | 95       |
| 95) Naphthalene               | 13.818 | 128  | 205816   | 50.23   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 14.001 | 180  | 59648    | 50.30   | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032221\  
Data File : VX021372.D  
Acq On : 22 Mar 2021 20:34  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

MMDadoda  
3/23/2021 10:48:41 AM

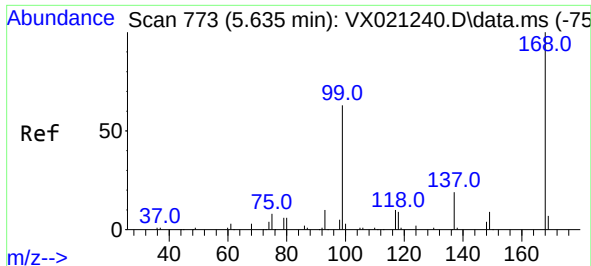
Quant Time: Mar 23 02:05:02 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031621W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 16 14:00:21 2021  
Response via : Initial Calibration

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

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





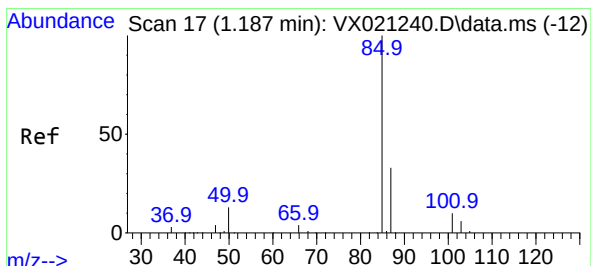
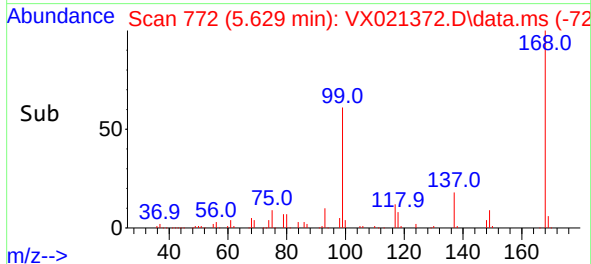
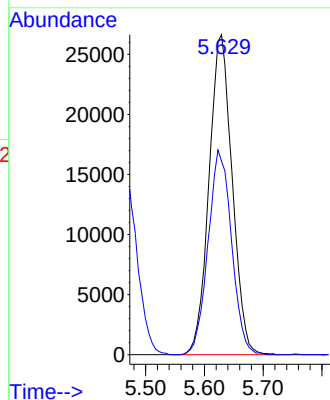
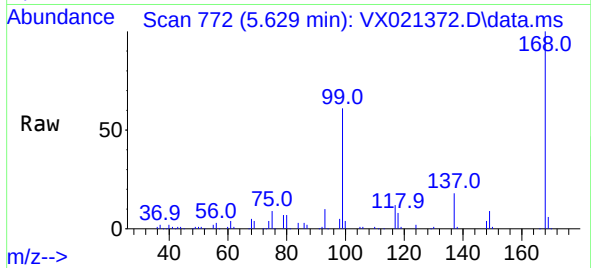
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 772  
Delta R.T. -0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion:168 Resp: 72867  
Ion Ratio Lower Upper  
168 100  
99 60.5 45.8 68.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

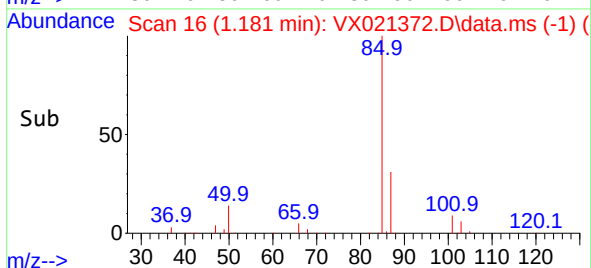
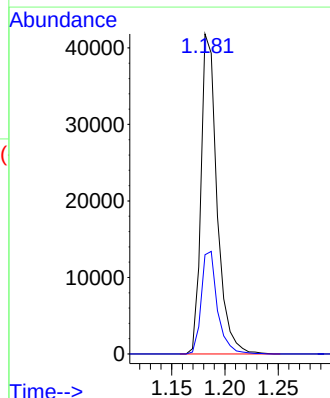
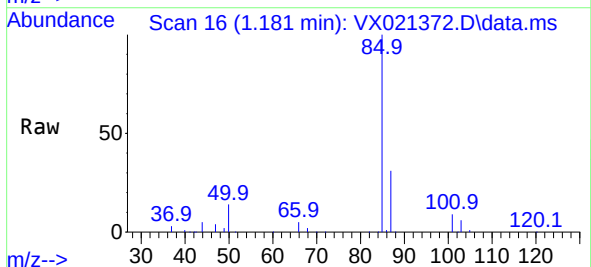
Manual Integrations  
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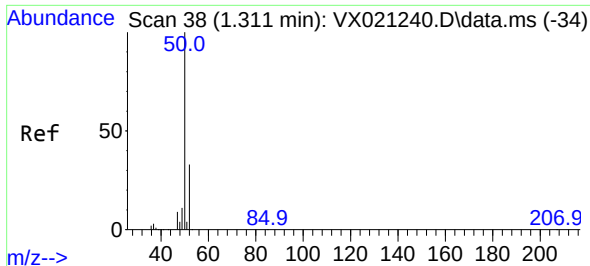
MMDadoda  
3/23/2021 10:48:41 AM



#2  
Dichlorodifluoromethane  
Concen: 50.36 ug/l  
RT: 1.181 min Scan# 16  
Delta R.T. -0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 85 Resp: 43839  
Ion Ratio Lower Upper  
85 100  
87 31.0 16.4 49.2





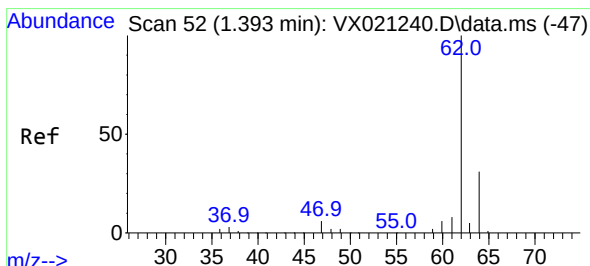
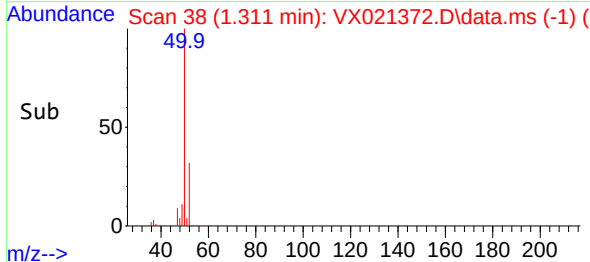
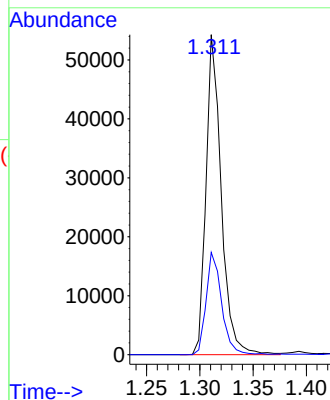
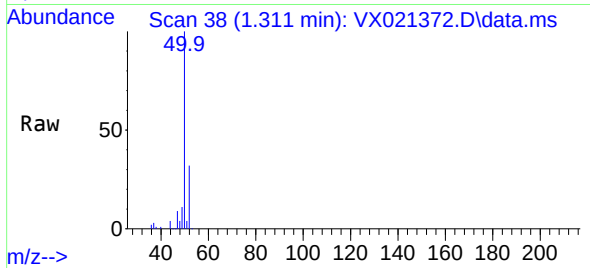
#3  
Chloromethane  
Concen: 42.92 ug/l  
RT: 1.311 min Scan# 38  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 50 Resp: 54166  
Ion Ratio Lower Upper  
50 100  
52 32.0 26.4 39.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

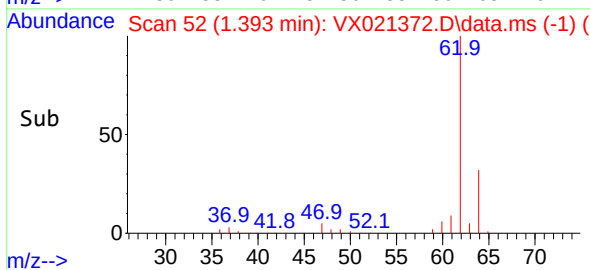
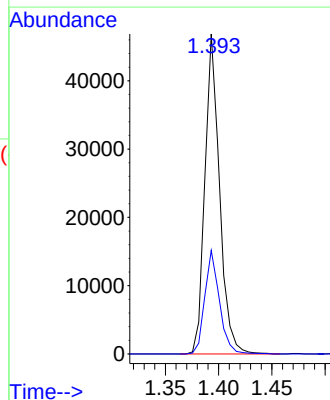
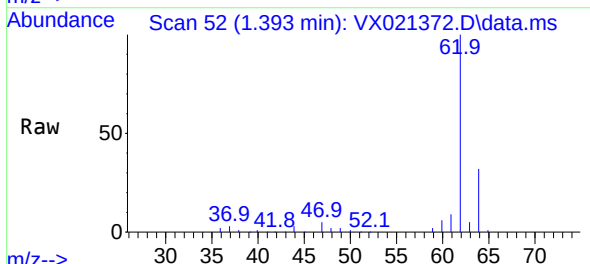
Manual Integrations  
APPROVED

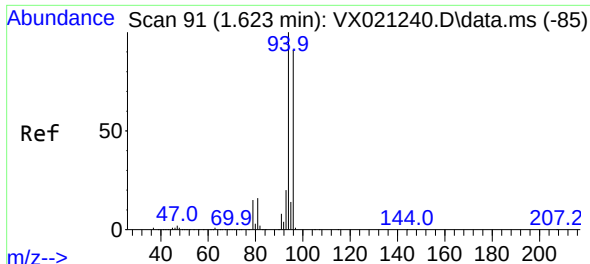
MMDadoda  
3/23/2021 10:48:41 AM



#4  
Vinyl Chloride  
Concen: 50.78 ug/l  
RT: 1.393 min Scan# 52  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

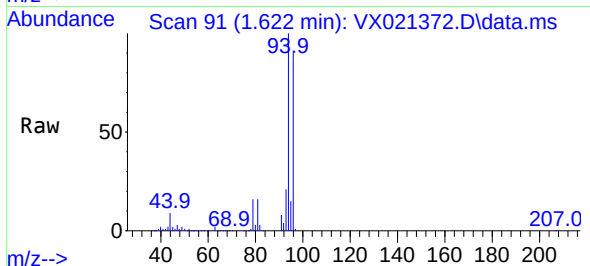
Tgt Ion: 62 Resp: 45024  
Ion Ratio Lower Upper  
62 100  
64 32.4 25.7 38.5



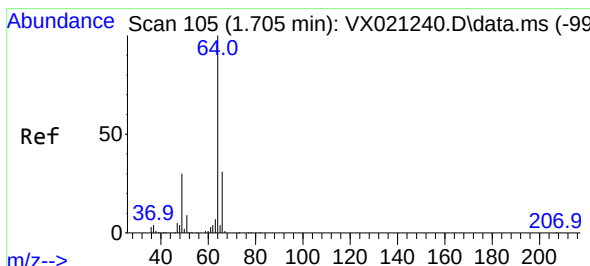
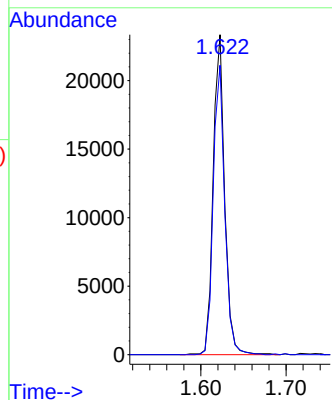
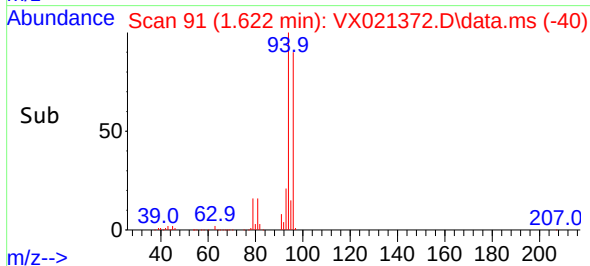


#5  
Bromomethane  
Concen: 56.32 ug/l  
RT: 1.622 min Scan# 91  
Delta R.T. -0.001 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

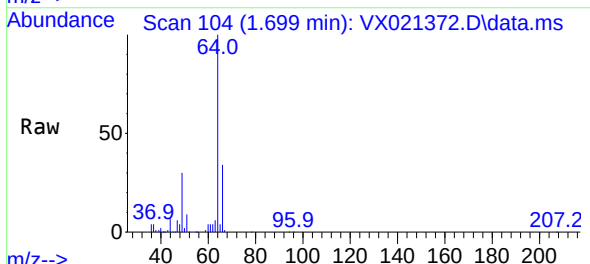
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



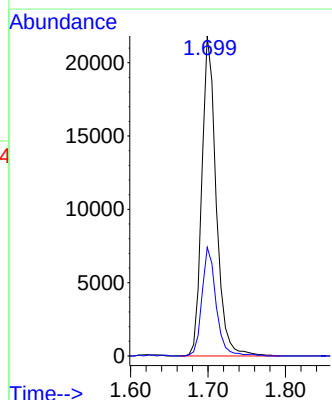
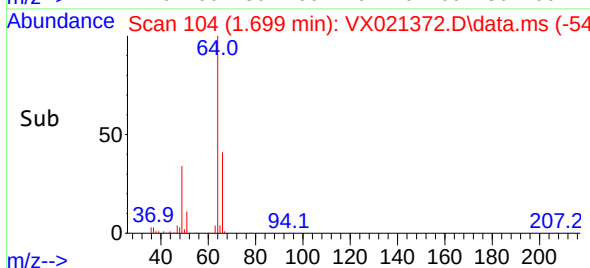
Tgt Ion: 94 Resp: 21810  
Ion Ratio Lower Upper  
94 100  
96 90.4 76.4 114.6

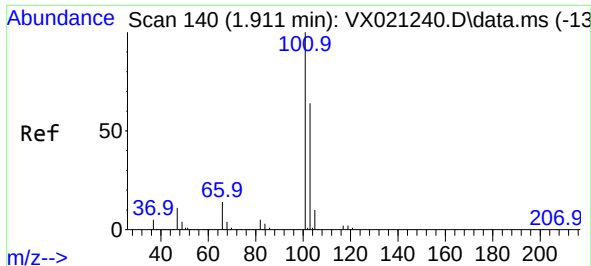


#6  
Chloroethane  
Concen: 51.79 ug/l  
RT: 1.699 min Scan# 104  
Delta R.T. -0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



Tgt Ion: 64 Resp: 28061  
Ion Ratio Lower Upper  
64 100  
66 34.0 25.4 38.0





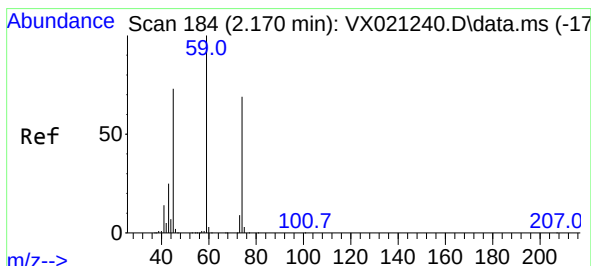
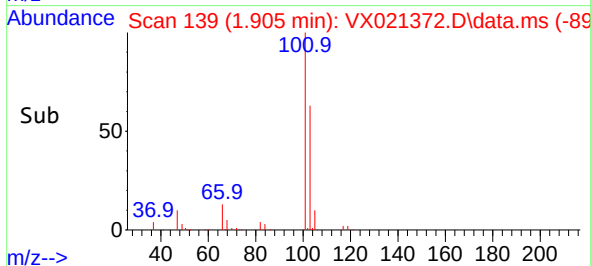
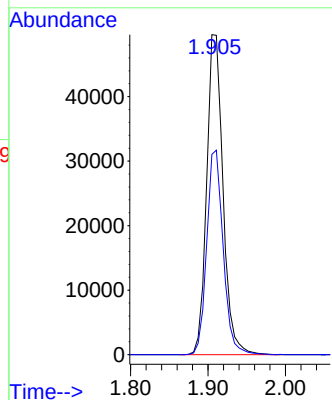
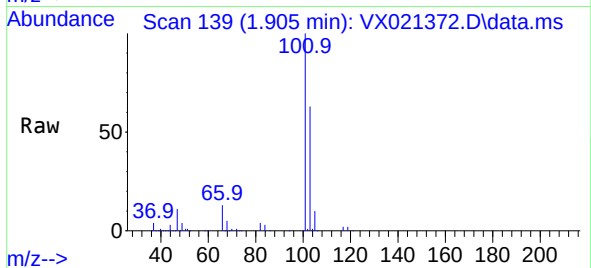
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Trichlorofluoromethane  
Concen: 54.37 ug/l  
RT: 1.905 min Scan# 139  
Delta R.T. -0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion:101 Resp: 72668  
Ion Ratio Lower Upper  
101 100  
103 62.6 53.2 79.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

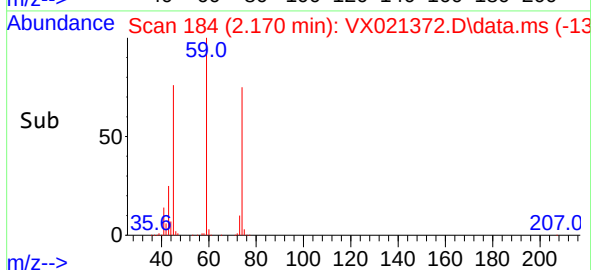
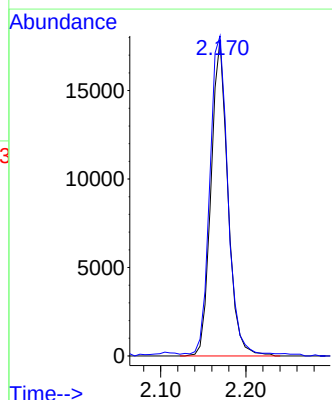
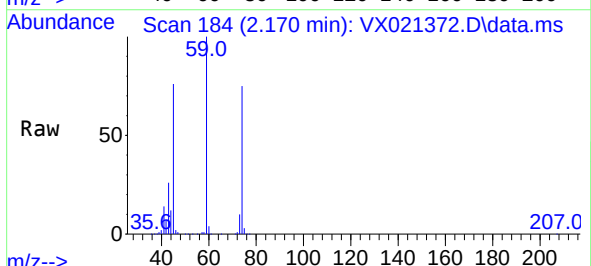
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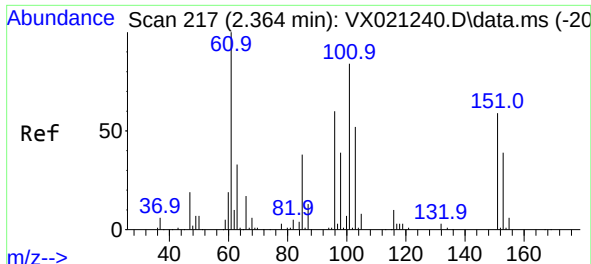


#8  
Diethyl Ether  
Concen: 52.26 ug/l  
RT: 2.170 min Scan# 184  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 74 Resp: 24576  
Ion Ratio Lower Upper  
74 100  
45 110.2 44.5 133.5







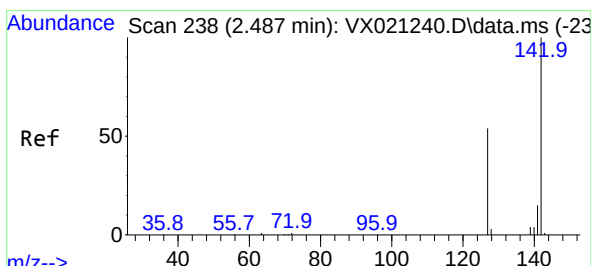
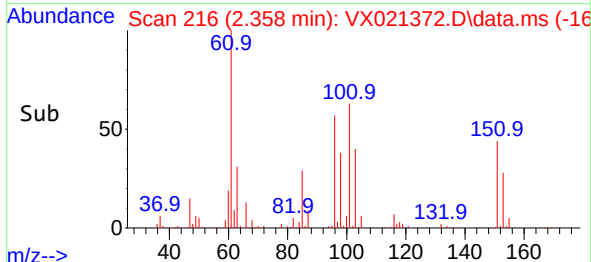
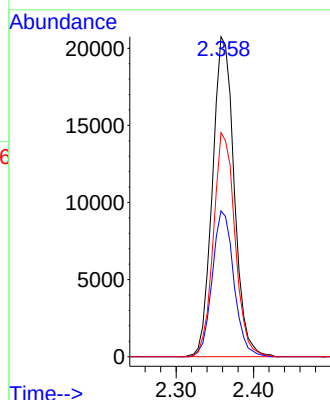
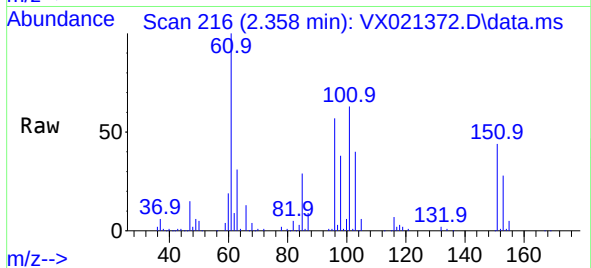
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 53.09 ug/l  
RT: 2.358 min Scan# 216  
Delta R.T. -0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 40427 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 45.3  | 34.9  | 52.3  |
| 151      | 69.5  | 61.4  | 92.2  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

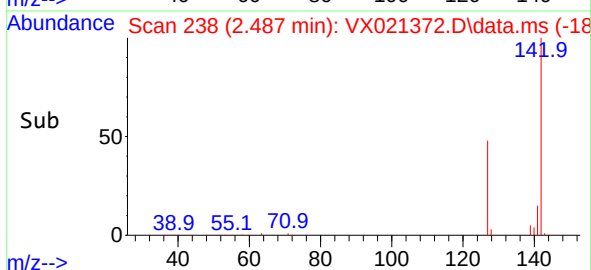
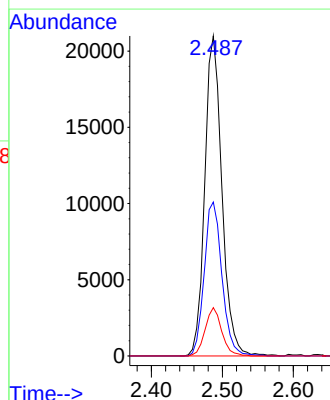
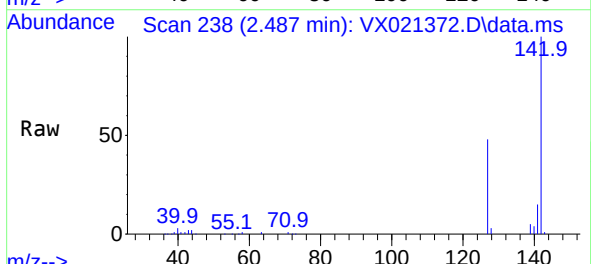
Manual Integrations  
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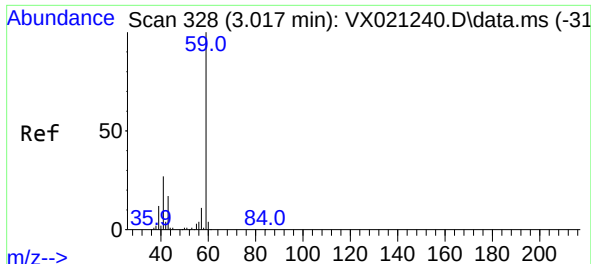
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3/23/2021 10:48:41 AM



#10  
Methyl Iodide  
Concen: 53.24 ug/l  
RT: 2.487 min Scan# 238  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 35391 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 49.7  | 33.3  | 49.9  |
| 141      | 14.6  | 11.4  | 17.0  |





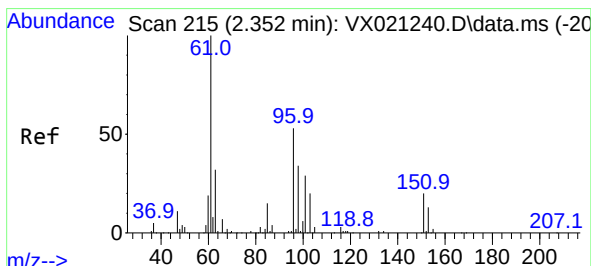
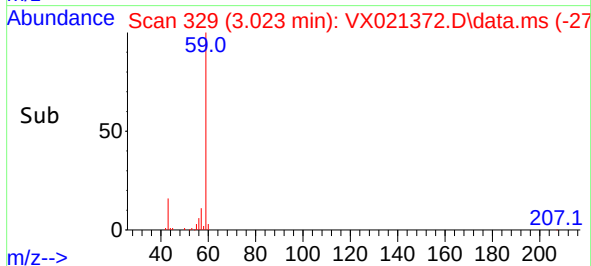
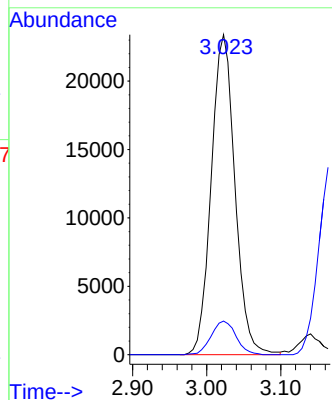
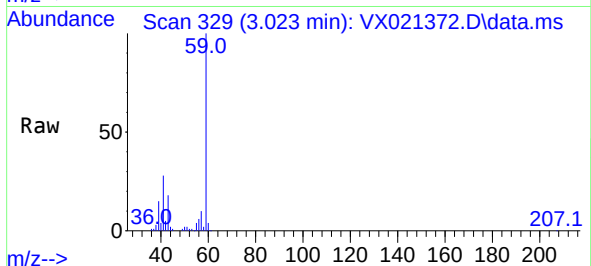
#11  
Tert butyl alcohol  
Concen: 258.89 ug/l  
RT: 3.023 min Scan# 329  
Delta R.T. 0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 59 Resp: 51980  
Ion Ratio Lower Upper  
59 100  
57 11.0 7.8 11.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

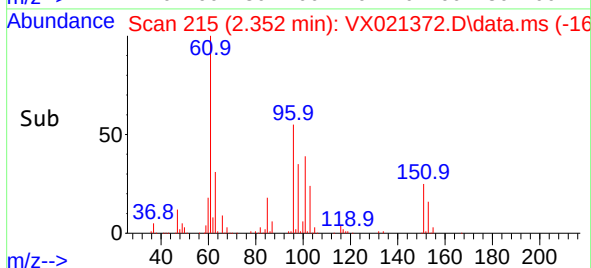
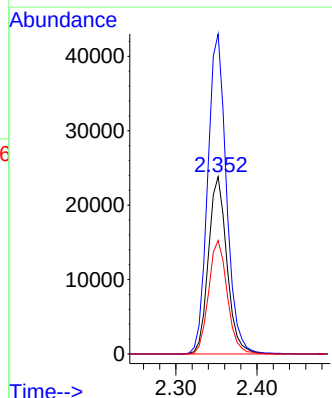
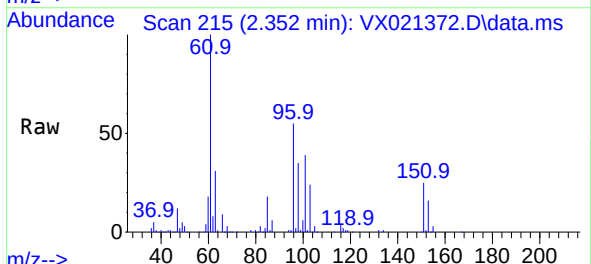
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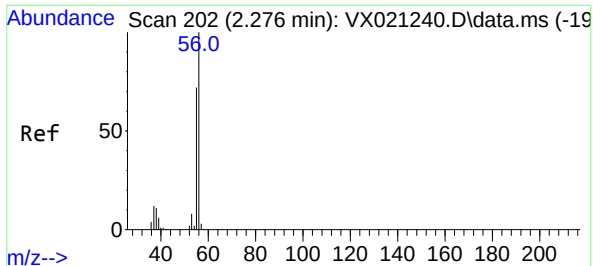
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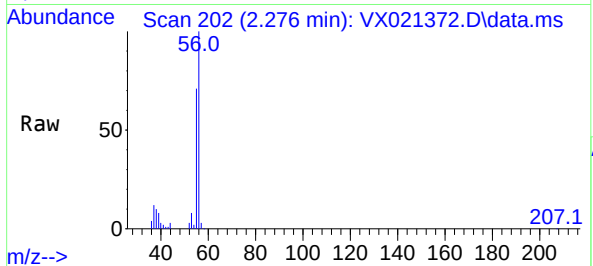
#12  
1,1-Dichloroethene  
Concen: 50.63 ug/l  
RT: 2.352 min Scan# 215  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 96 Resp: 37610  
Ion Ratio Lower Upper  
96 100  
61 180.4 124.6 187.0  
98 64.0 50.6 76.0

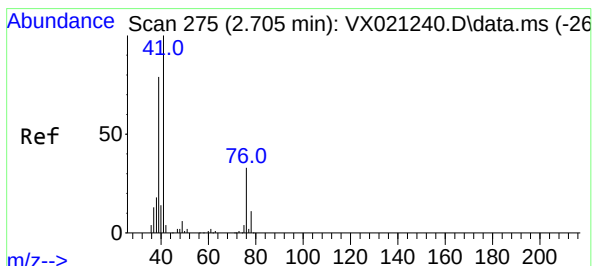
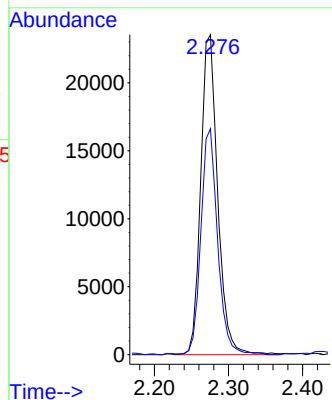
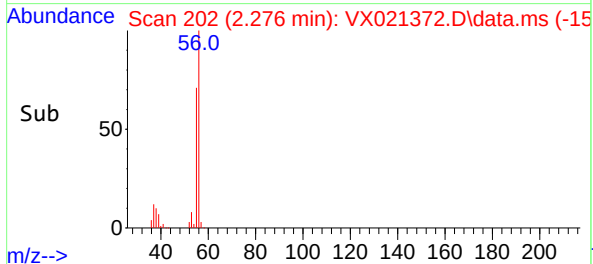




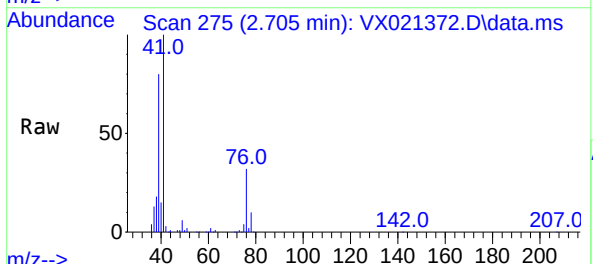
#13  
Acrolein  
Concen: 311.33 ug/l  
RT: 2.276 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



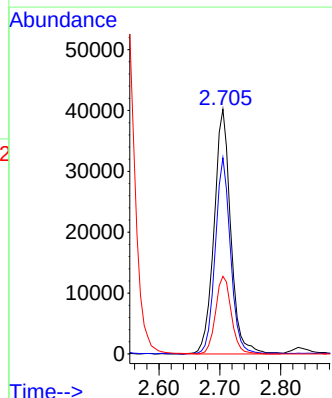
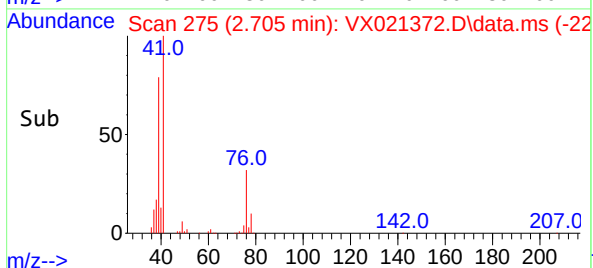
Tgt Ion: 56 Resp: 37450  
Ion Ratio Lower Upper  
56 100  
55 69.6 56.4 84.6



#14  
Allyl chloride  
Concen: 50.06 ug/l  
RT: 2.705 min Scan# 275  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



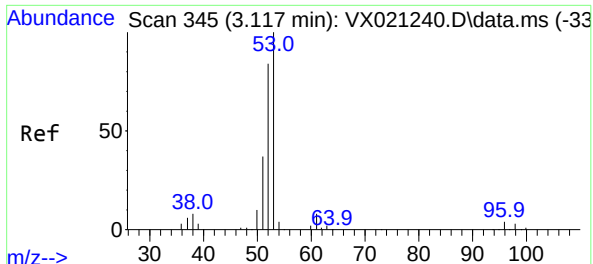
Tgt Ion: 41 Resp: 76637  
Ion Ratio Lower Upper  
41 100  
39 73.2 51.6 77.4  
76 29.8 30.5 45.7#



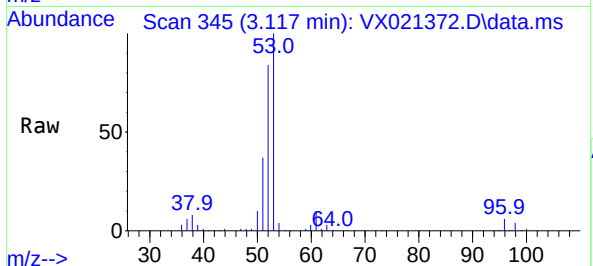
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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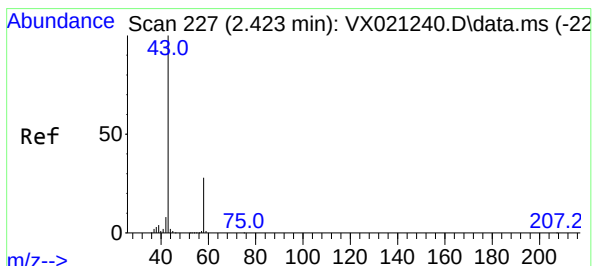
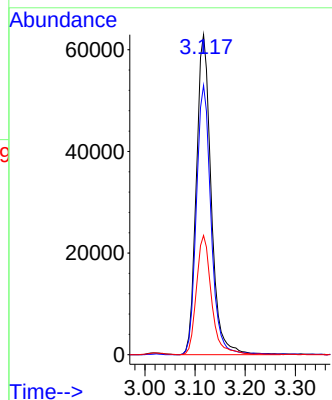
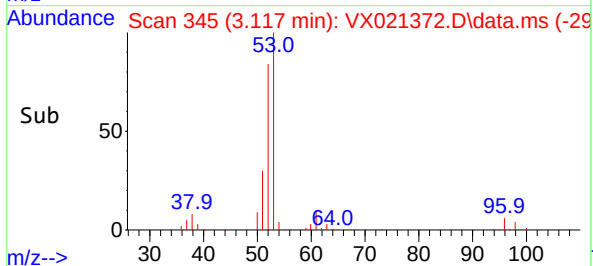
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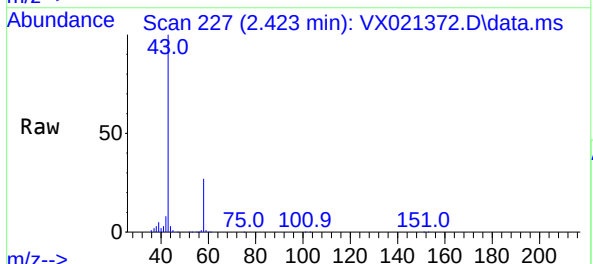
#15  
Acrylonitrile  
Concen: 276.54 ug/l  
RT: 3.117 min Scan# 345  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



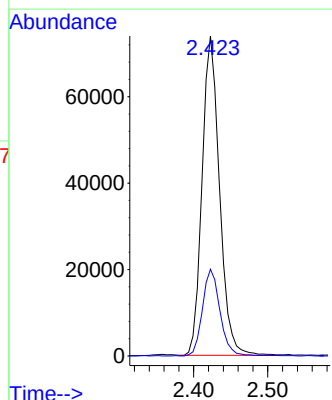
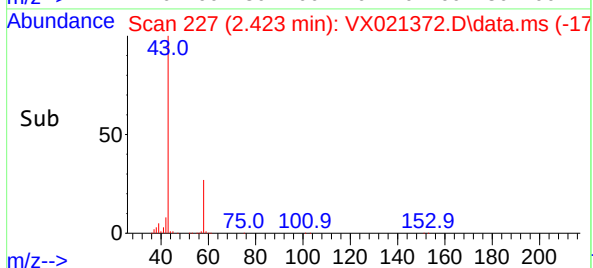
Tgt Ion: 53 Resp: 129099  
Ion Ratio Lower Upper  
53 100  
52 83.4 65.3 97.9  
51 37.8 28.2 42.2



#16  
Acetone  
Concen: 274.94 ug/l  
RT: 2.423 min Scan# 227  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



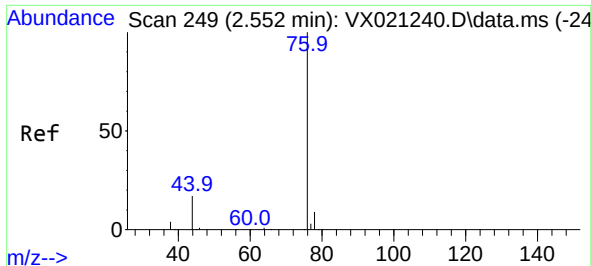
Tgt Ion: 43 Resp: 120903  
Ion Ratio Lower Upper  
43 100  
58 27.2 27.8 41.8#



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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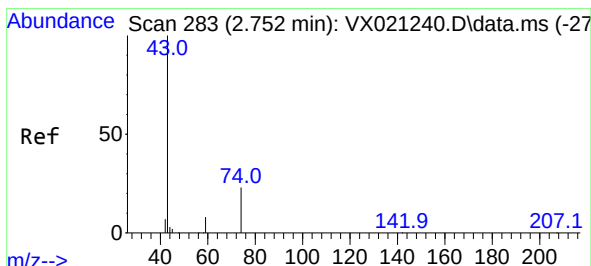
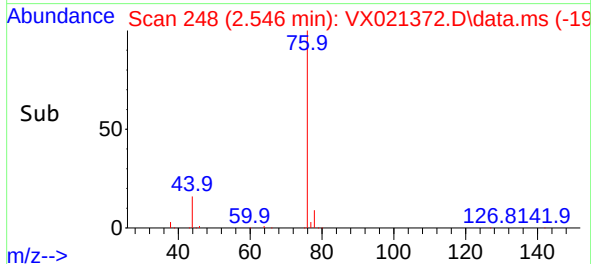
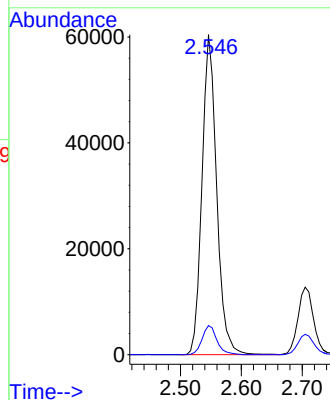
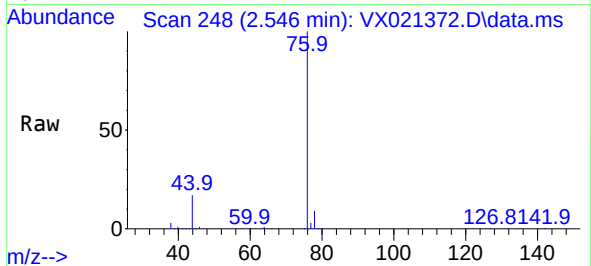
#17  
Carbon Disulfide  
Concen: 46.84 ug/l  
RT: 2.546 min Scan# 248  
Delta R.T. -0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 76 Resp: 101199  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

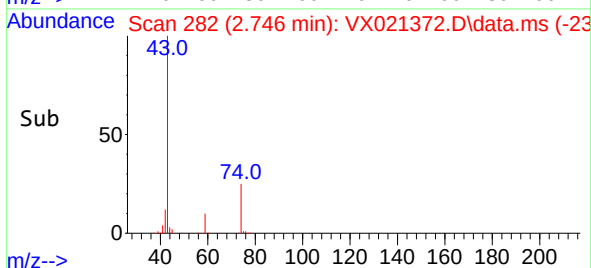
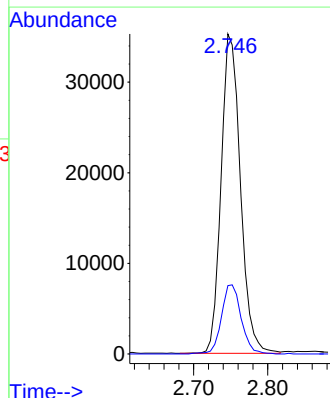
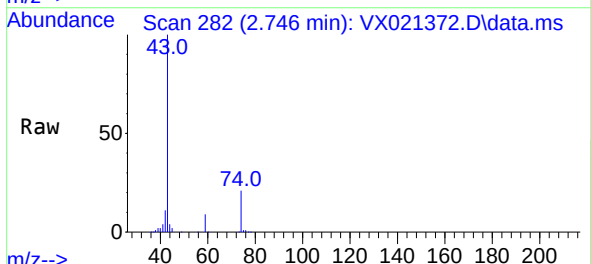
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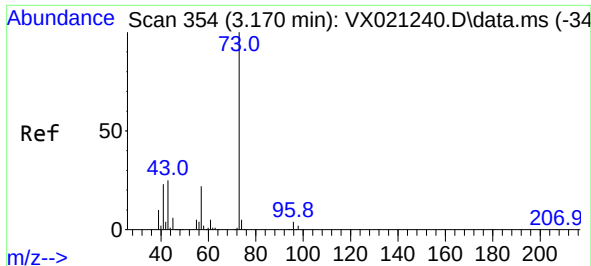
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#18  
Methyl Acetate  
Concen: 52.81 ug/l  
RT: 2.746 min Scan# 282  
Delta R.T. -0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 43 Resp: 63638  
Ion Ratio Lower Upper  
43 100  
74 22.2 21.9 32.9





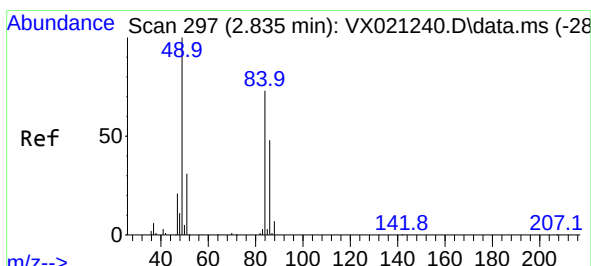
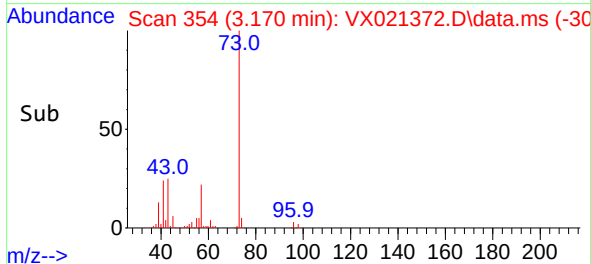
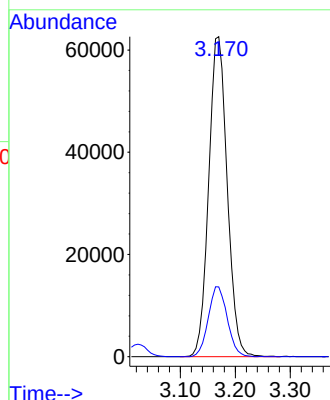
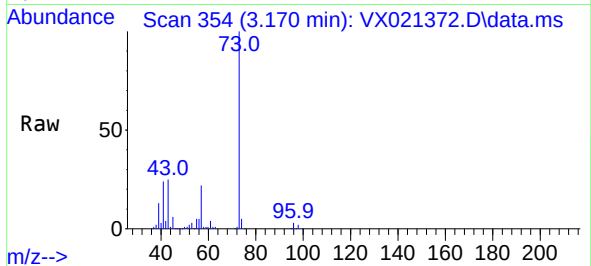
#19  
Methyl tert-butyl Ether  
Concen: 52.53 ug/l  
RT: 3.170 min Scan# 354  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 73 Resp: 146439  
Ion Ratio Lower Upper  
73 100  
57 21.8 17.1 25.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

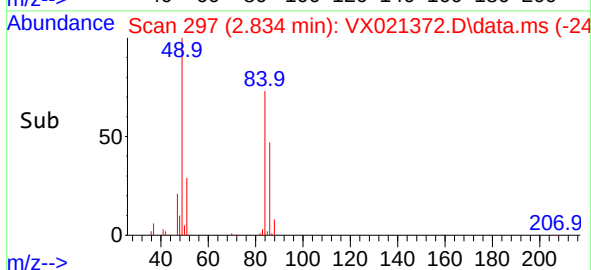
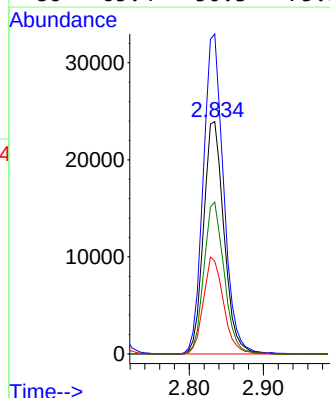
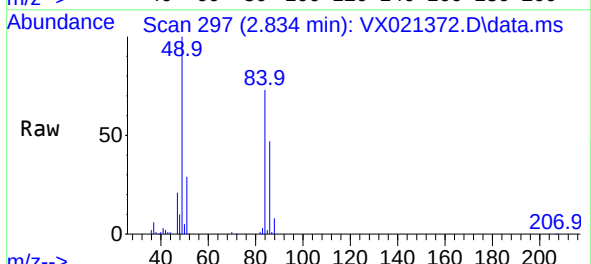
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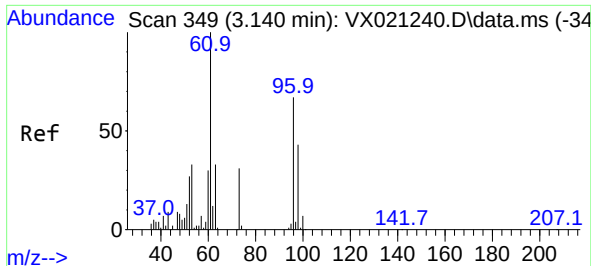
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#20  
Methylene Chloride  
Concen: 50.70 ug/l  
RT: 2.834 min Scan# 297  
Delta R.T. -0.001 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

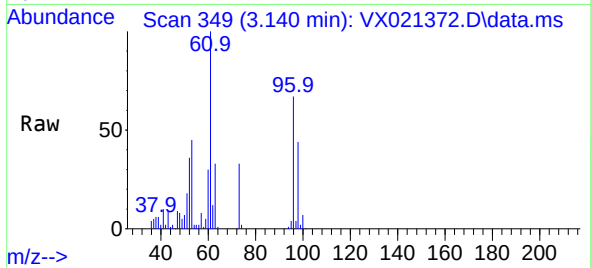
Tgt Ion: 84 Resp: 45855  
Ion Ratio Lower Upper  
84 100  
49 137.8 88.6 132.8#  
51 40.0 27.0 40.6  
86 65.4 50.3 75.5





#21  
trans-1,2-Dichloroethene  
Concen: 50.05 ug/l  
RT: 3.140 min Scan# 349  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

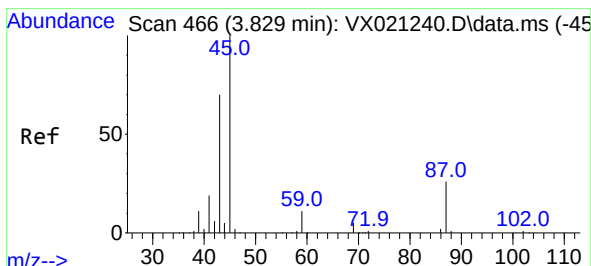
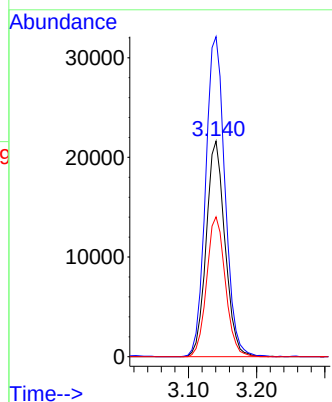
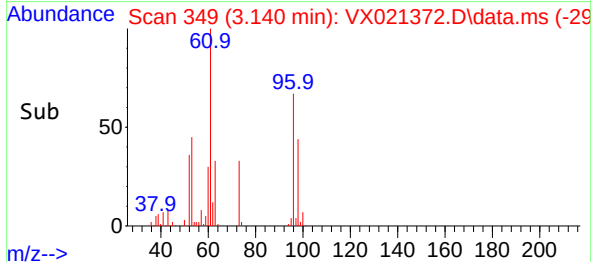
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



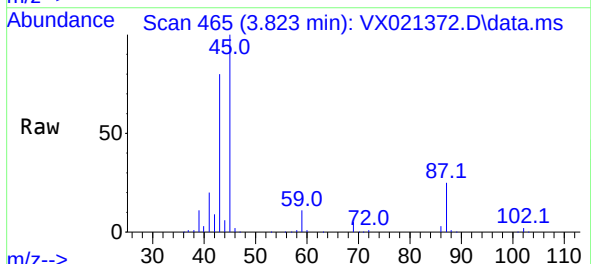
Tgt Ion: 96 Resp: 41506  
Ion Ratio Lower Upper  
96 100  
61 148.4 107.7 161.5  
98 64.9 50.4 75.6

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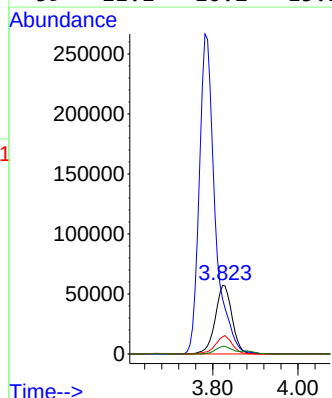
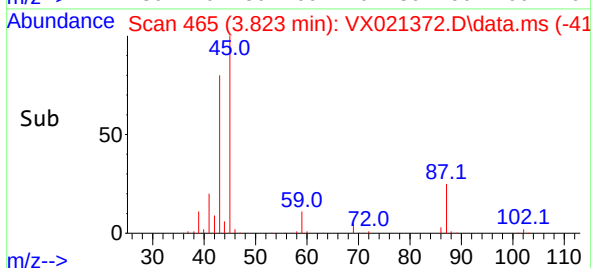
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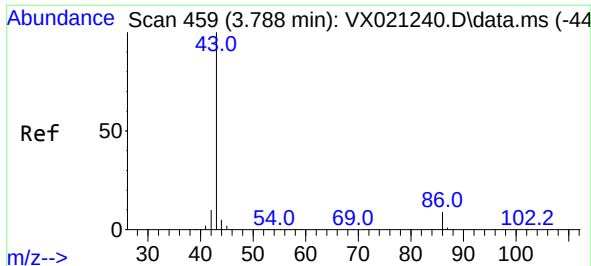


#22  
Diisopropyl ether  
Concen: 53.28 ug/l  
RT: 3.823 min Scan# 465  
Delta R.T. -0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



Tgt Ion: 45 Resp: 156727  
Ion Ratio Lower Upper  
45 100  
43 80.0 58.0 87.0  
87 24.9 25.4 38.0#  
59 11.1 10.2 15.2





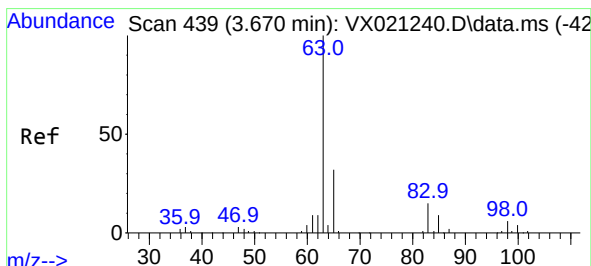
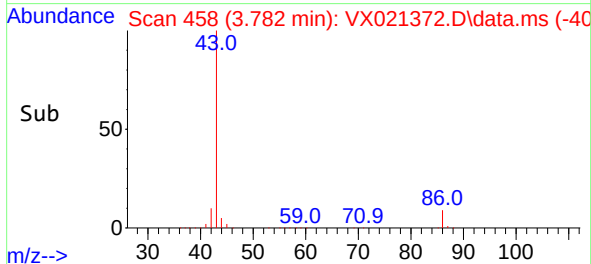
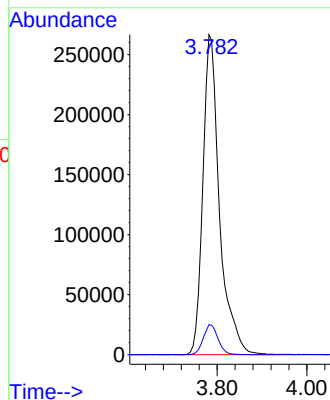
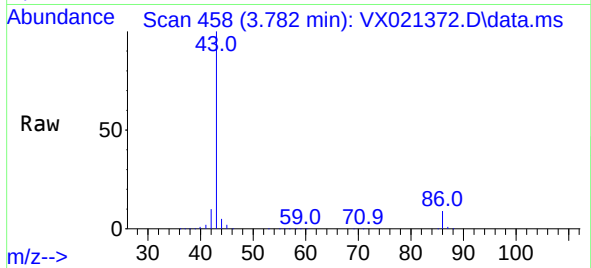
#23  
 Vinyl Acetate  
 Concen: 266.73 ug/l  
 RT: 3.782 min Scan# 458  
 Delta R.T. -0.006 min  
 Lab File: VX021372.D  
 Acq: 22 Mar 2021 20:34

Tgt Ion: 43 Resp: 684458  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 9.9 14.9#

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

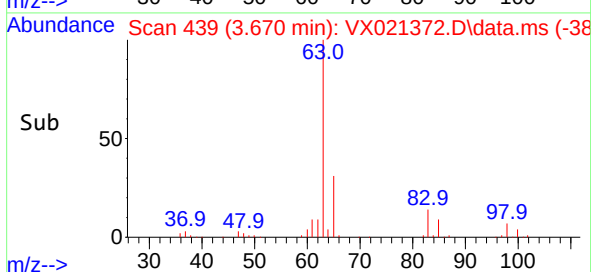
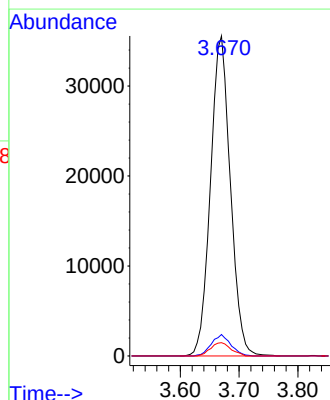
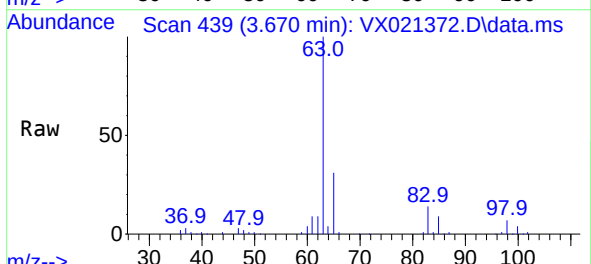
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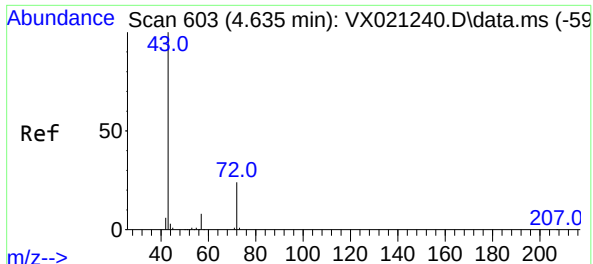


#24  
 1,1-Dichloroethane  
 Concen: 52.64 ug/l  
 RT: 3.670 min Scan# 439  
 Delta R.T. -0.000 min  
 Lab File: VX021372.D  
 Acq: 22 Mar 2021 20:34

Tgt Ion: 63 Resp: 83618  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.8 11.2  
 100 4.2 2.5 7.5

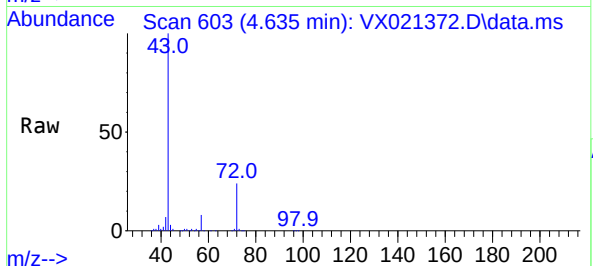






#25  
2-Butanone  
Concen: 277.16 ug/l  
RT: 4.635 min Scan# 603  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

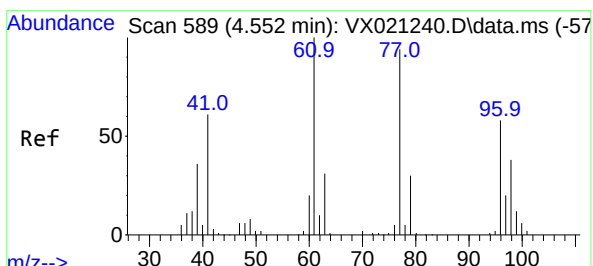
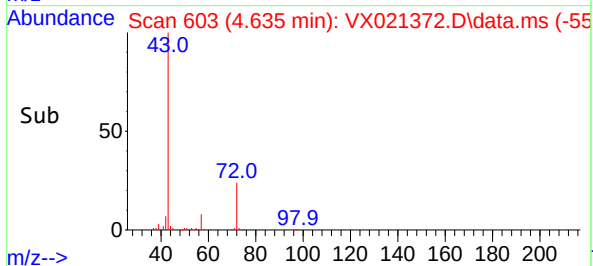
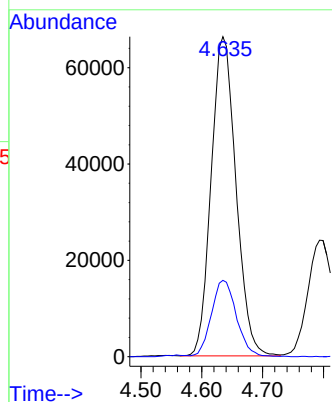
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



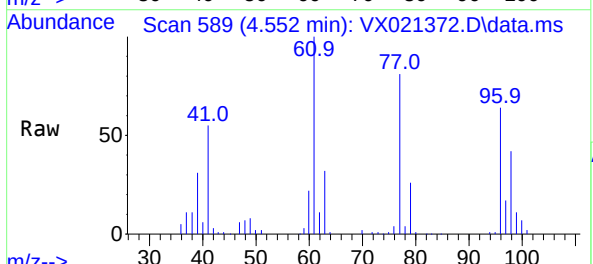
Tgt Ion: 43 Resp: 187425  
Ion Ratio Lower Upper  
43 100  
72 23.8 23.7 35.5

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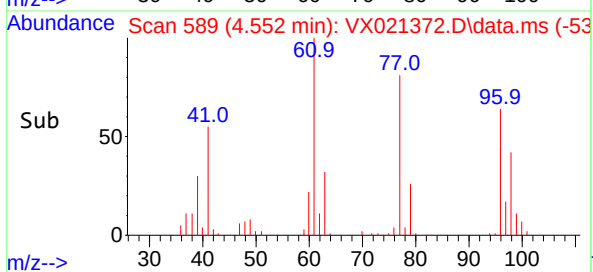
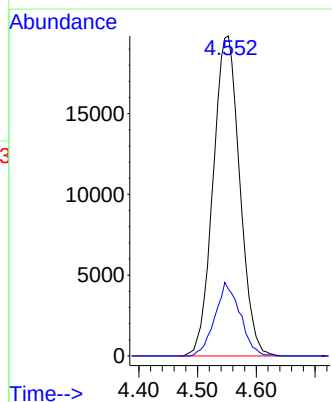
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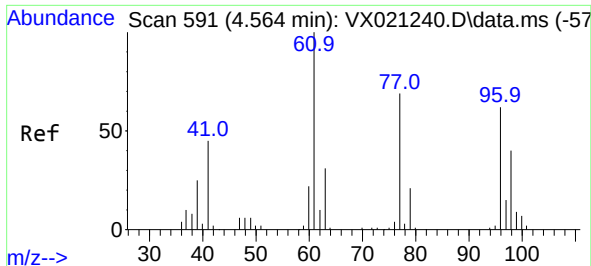


#26  
2,2-Dichloropropane  
Concen: 44.99 ug/l  
RT: 4.552 min Scan# 589  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



Tgt Ion: 77 Resp: 62352  
Ion Ratio Lower Upper  
77 100  
97 21.8 11.7 35.1





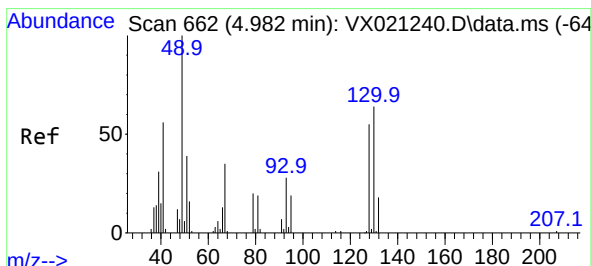
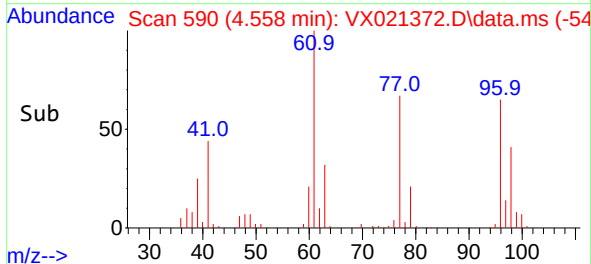
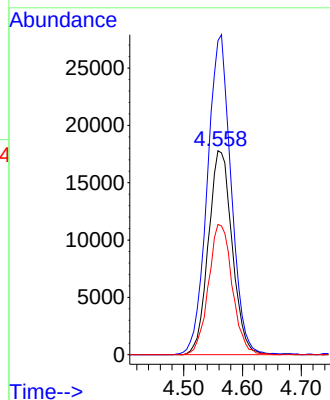
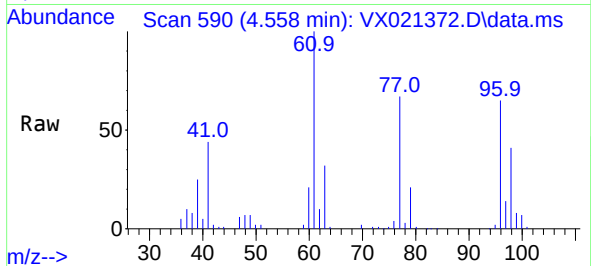
#27  
cis-1,2-Dichloroethene  
Concen: 52.46 ug/l  
RT: 4.558 min Scan# 590  
Delta R.T. -0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 96 Resp: 49984  
Ion Ratio Lower Upper  
96 100  
61 156.9 0.0 285.6  
98 63.8 0.0 129.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

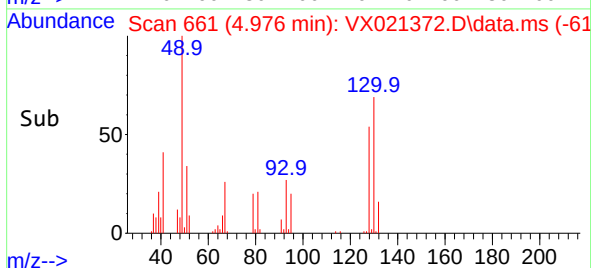
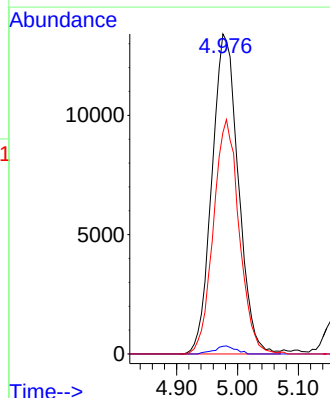
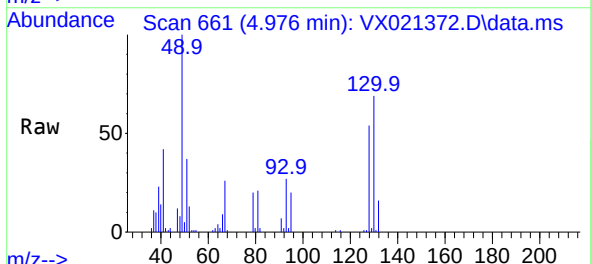
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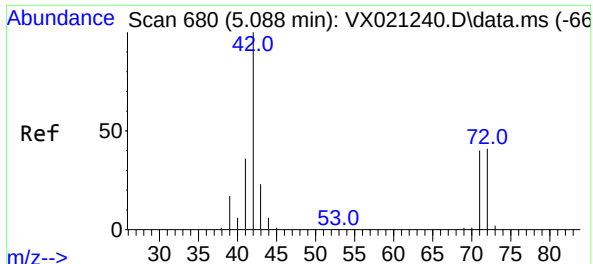
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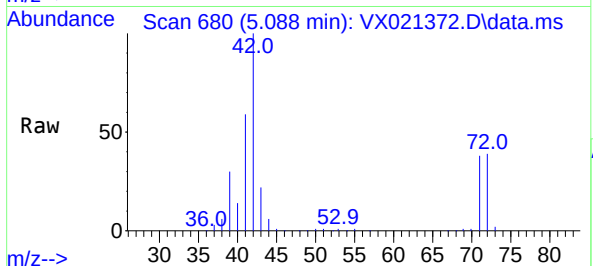
#28  
Bromochloromethane  
Concen: 54.06 ug/l  
RT: 4.976 min Scan# 661  
Delta R.T. -0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 49 Resp: 40453  
Ion Ratio Lower Upper  
49 100  
129 2.0 0.0 4.0  
130 71.5 68.2 102.2



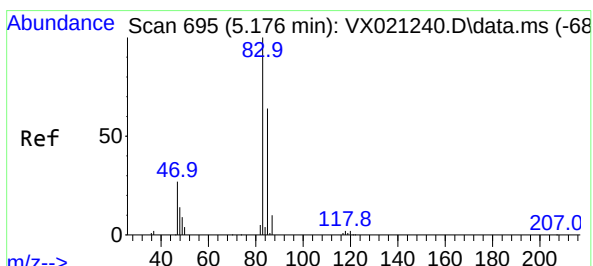
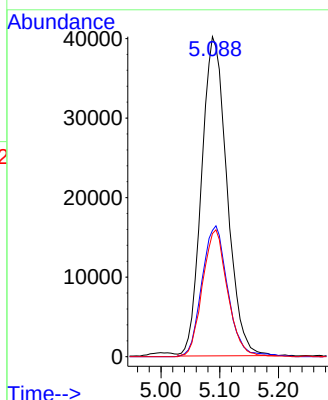
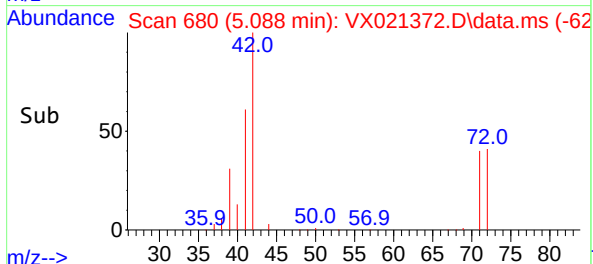


#29  
Tetrahydrofuran  
Concen: 269.72 ug/l  
RT: 5.088 min Scan# 680  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

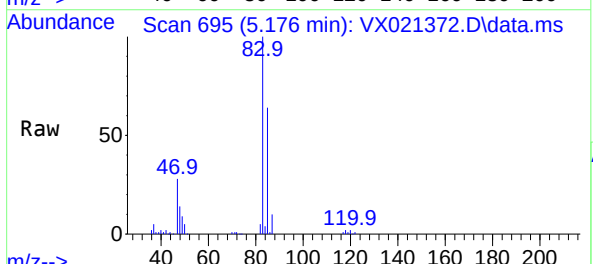


Tgt Ion: 42 Resp: 120460

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 41.9  | 41.7  | 62.5  |
| 71  | 39.2  | 38.4  | 57.6  |

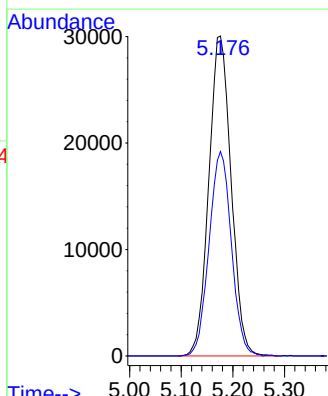
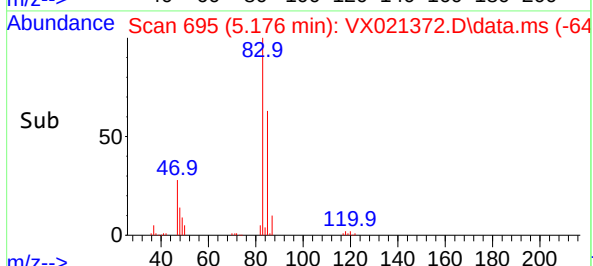


#30  
Chloroform  
Concen: 54.50 ug/l  
RT: 5.176 min Scan# 695  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



Tgt Ion: 83 Resp: 90130

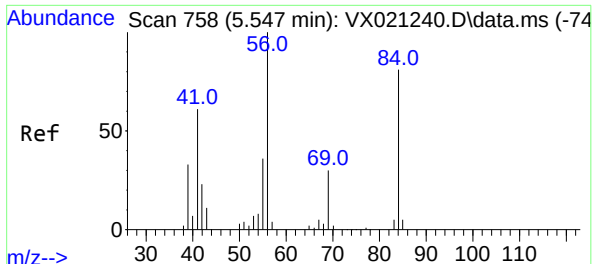
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.9  | 52.0  | 78.0  |



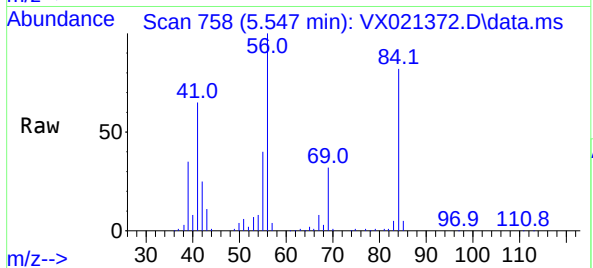
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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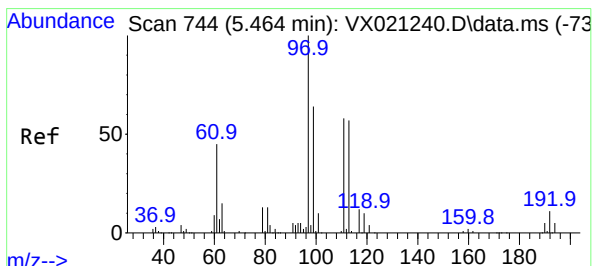
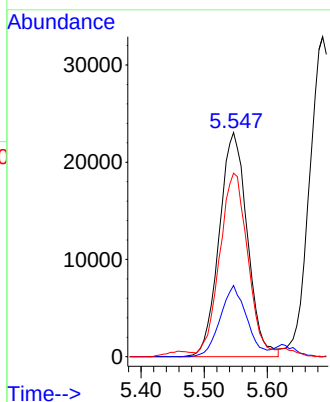
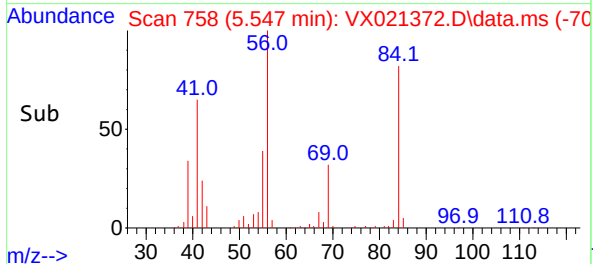
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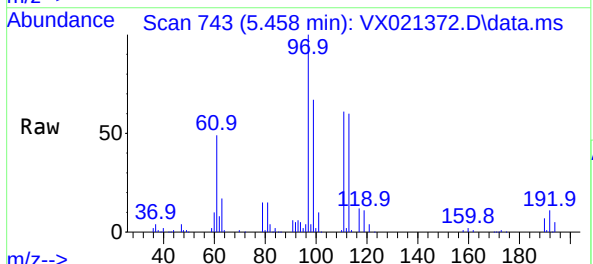
#31  
Cyclohexane  
Concen: 49.28 ug/l  
RT: 5.547 min Scan# 758  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



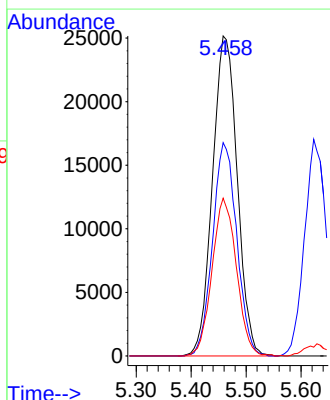
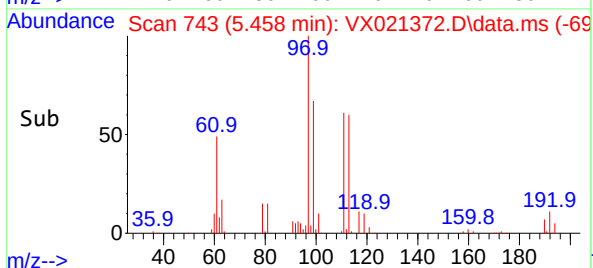
Tgt Ion: 56 Resp: 71193  
Ion Ratio Lower Upper  
56 100  
69 31.8 25.3 37.9  
84 79.4 71.4 107.0



#32  
1,1,1-Trichloroethane  
Concen: 53.68 ug/l  
RT: 5.458 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



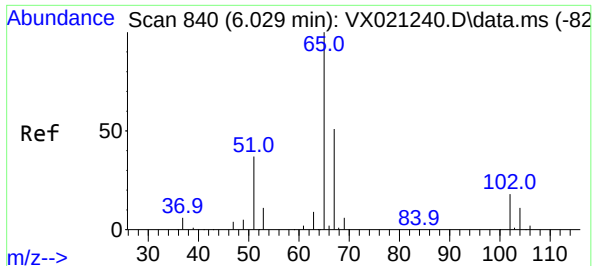
Tgt Ion: 97 Resp: 78663  
Ion Ratio Lower Upper  
97 100  
99 65.2 51.5 77.3  
61 48.7 34.2 51.4



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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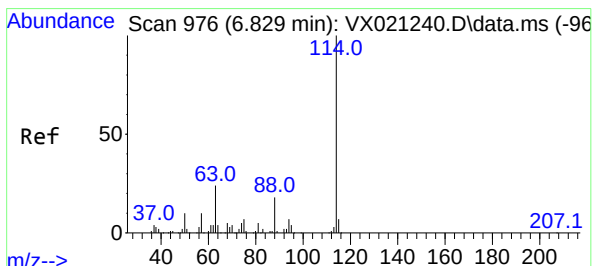
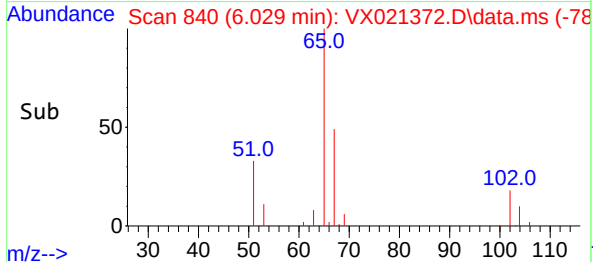
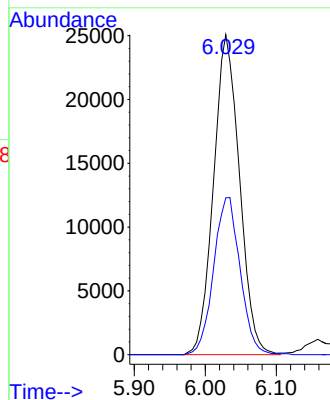
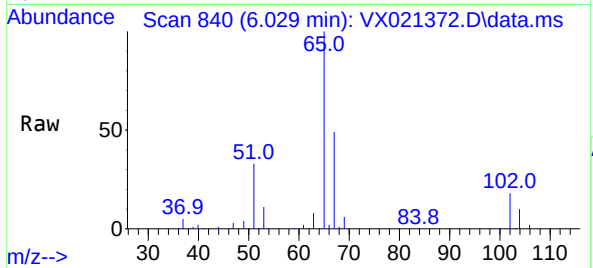
#33  
1,2-Dichloroethane-d4  
Concen: 53.26 ug/l  
RT: 6.029 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 65 Resp: 63649  
Ion Ratio Lower Upper  
65 100  
67 50.1 0.0 105.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

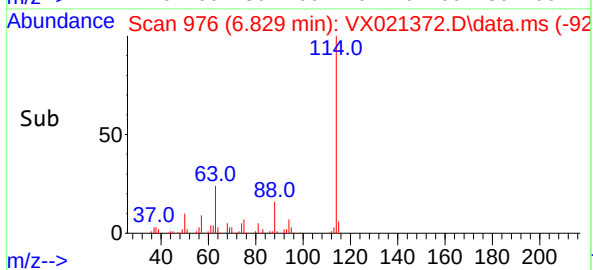
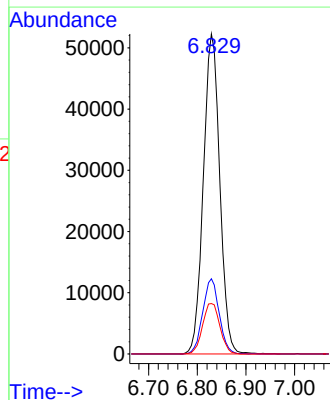
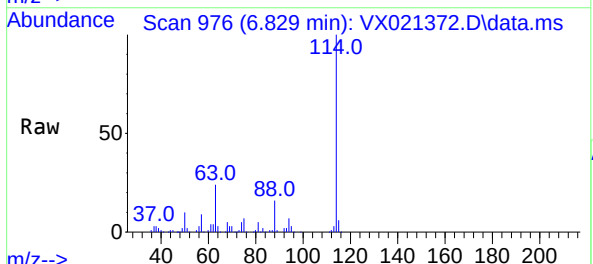
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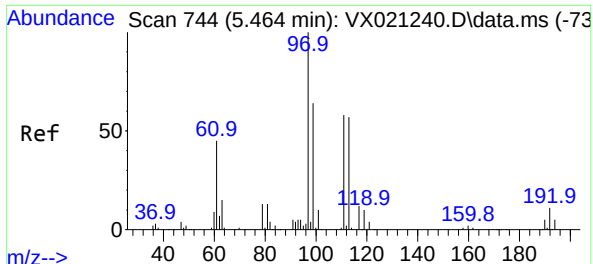
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.829 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 114 Resp: 122202  
Ion Ratio Lower Upper  
114 100  
63 23.5 0.0 40.8  
88 15.8 0.0 32.8





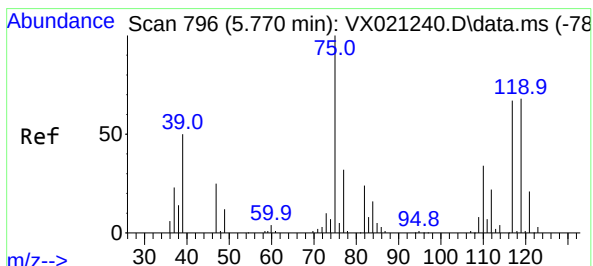
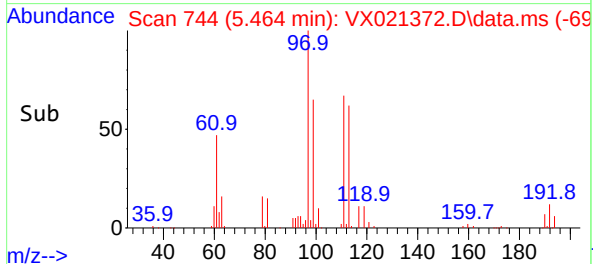
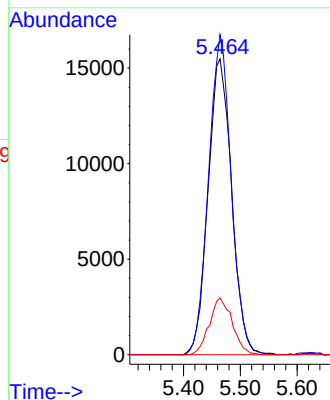
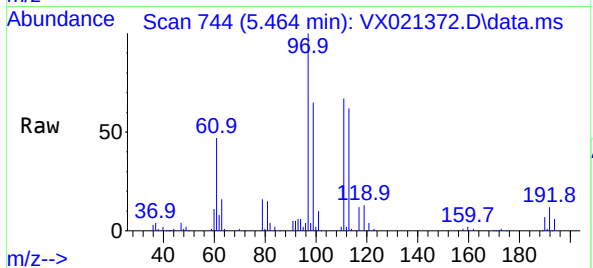
#35  
Dibromofluoromethane  
Concen: 53.52 ug/l  
RT: 5.464 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 113 Resp: 44504  
Ion Ratio Lower Upper  
113 100  
111 104.5 81.9 122.9  
192 18.7 16.7 25.1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

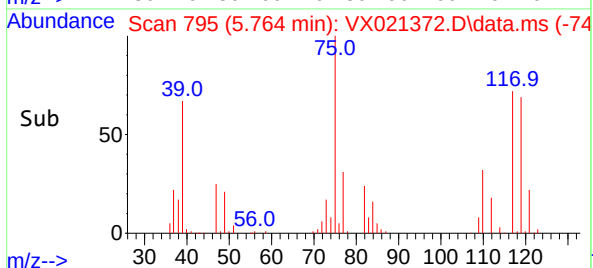
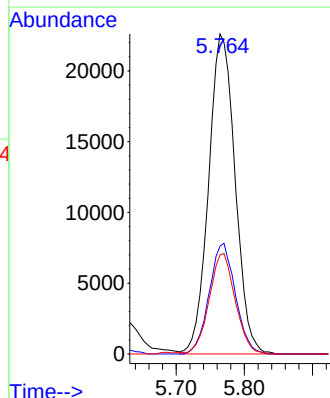
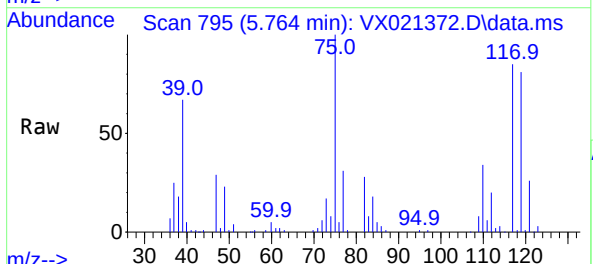
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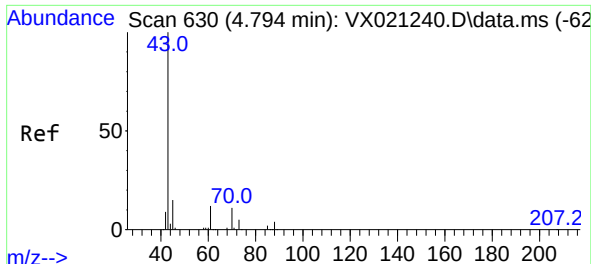
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#36  
1,1-Dichloropropene  
Concen: 49.65 ug/l  
RT: 5.764 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 75 Resp: 61132  
Ion Ratio Lower Upper  
75 100  
110 34.1 18.1 54.4  
77 30.9 25.3 37.9





#37  
Ethyl Acetate  
Concen: 50.42 ug/l  
RT: 4.793 min Scan# 630  
Delta R.T. -0.001 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

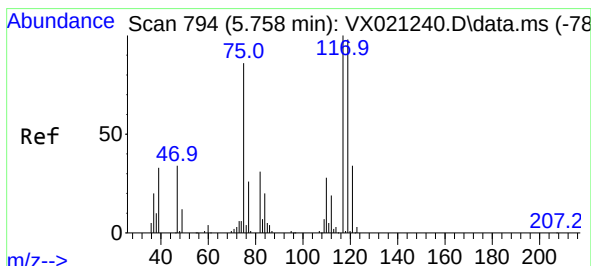
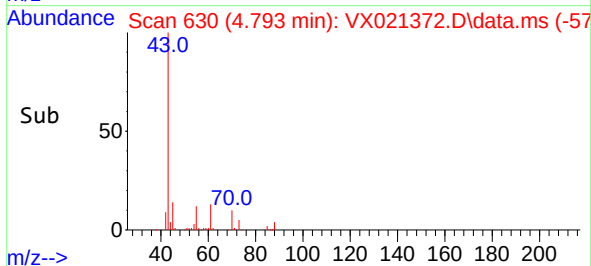
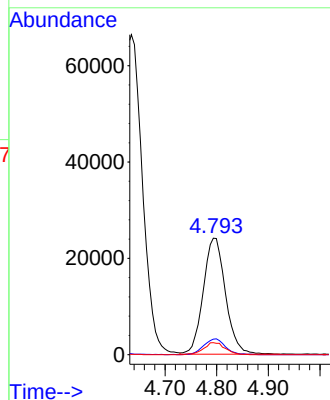
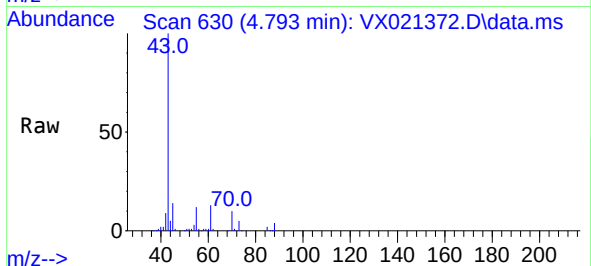
Tgt Ion: 43 Resp: 71942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 13.3  | 12.8  | 19.2  |
| 70  | 9.9   | 10.5  | 15.7# |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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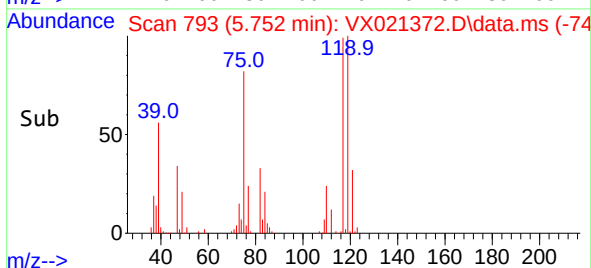
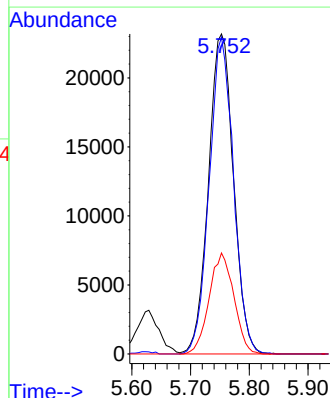
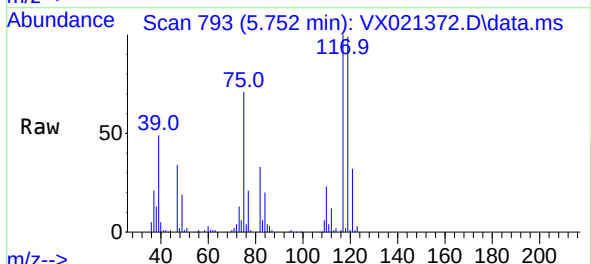
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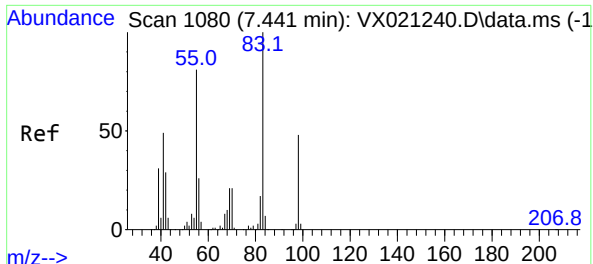


#38  
Carbon Tetrachloride  
Concen: 53.66 ug/l  
RT: 5.752 min Scan# 793  
Delta R.T. -0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 117 Resp: 68609

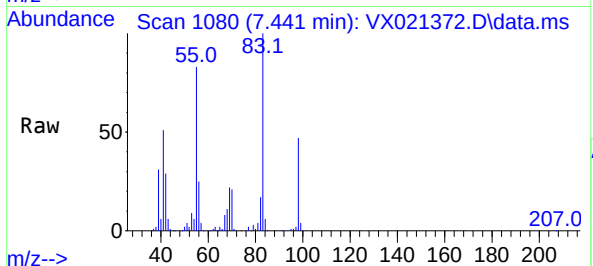
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 99.0  | 76.2  | 114.2 |
| 121 | 31.5  | 24.8  | 37.2  |





#39  
Methylcyclohexane  
Concen: 50.96 ug/l  
RT: 7.441 min Scan# 1080  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

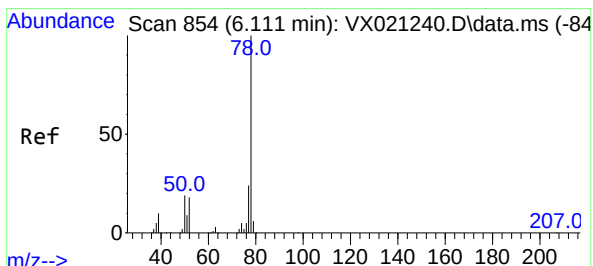
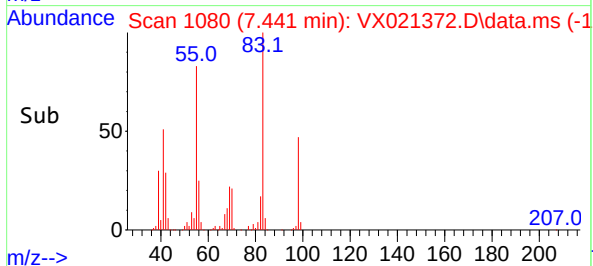
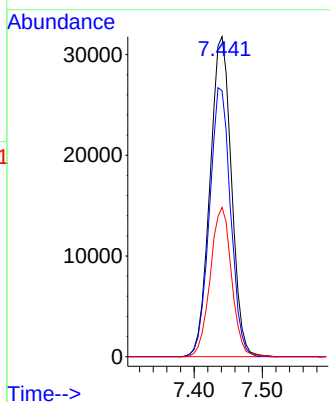
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 69660 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 83.2  | 58.9  | 88.3  |
| 98       | 46.7  | 38.1  | 57.1  |

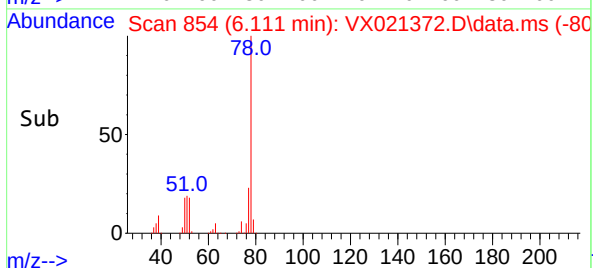
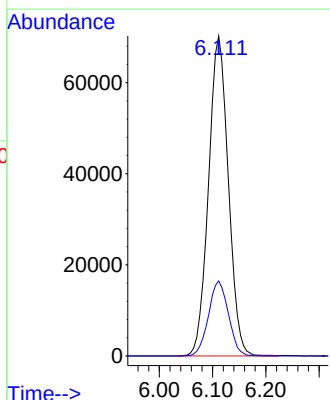
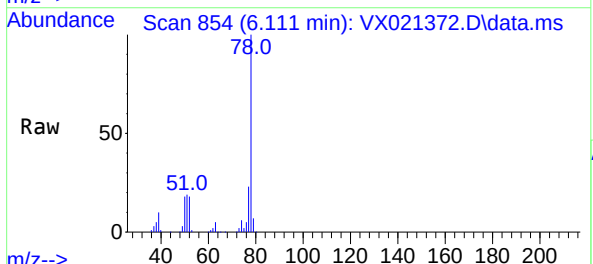
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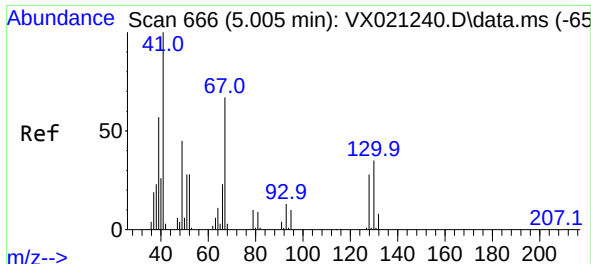


#40  
Benzene  
Concen: 53.37 ug/l  
RT: 6.111 min Scan# 854  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

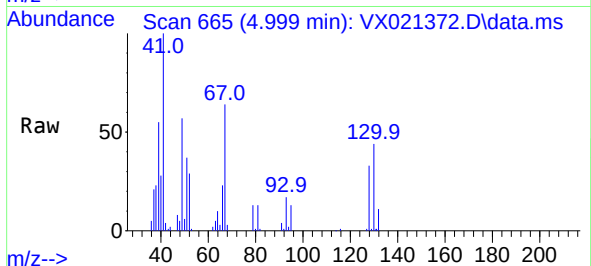
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 181093 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 23.4  | 18.9  | 28.3   |



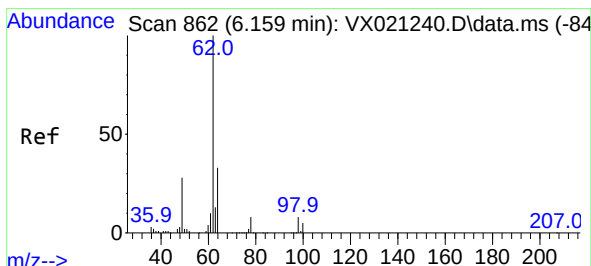
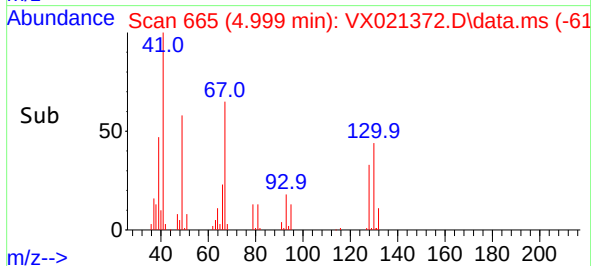
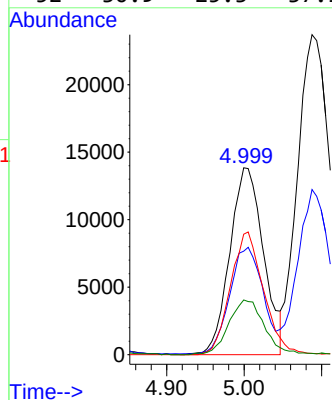




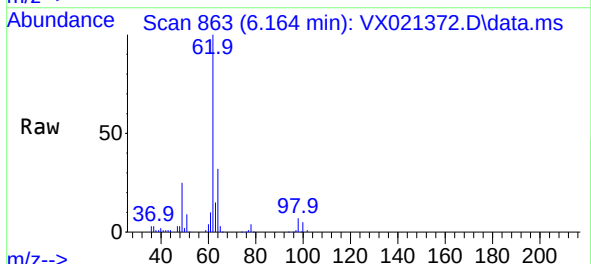
#41  
Methacrylonitrile  
Concen: 51.30 ug/l  
RT: 4.999 min Scan# 665  
Delta R.T. -0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



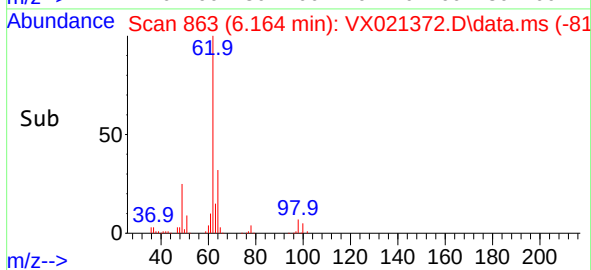
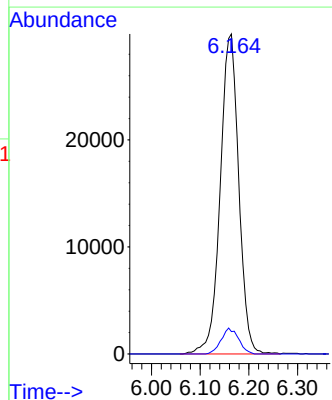
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 42001 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.9  | 42.5  | 63.7  |
| 67       | 64.6  | 65.0  | 97.6# |
| 52       | 30.9  | 25.3  | 37.9  |



#42  
1,2-Dichloroethane  
Concen: 54.14 ug/l  
RT: 6.164 min Scan# 863  
Delta R.T. 0.005 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



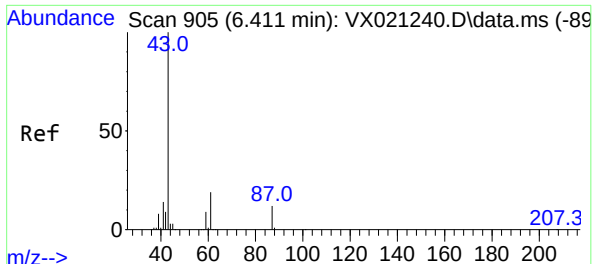
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 79258 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.6   | 0.0   | 20.2  |



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

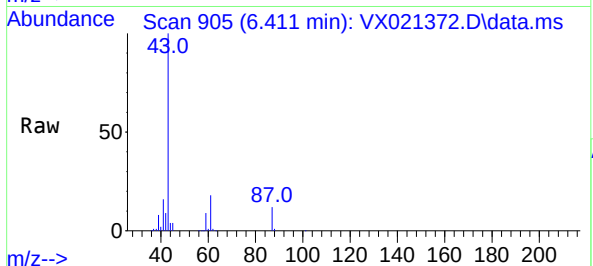
Manual Integrations  
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#43  
Isopropyl Acetate  
Concen: 51.62 ug/l  
RT: 6.411 min Scan# 905  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

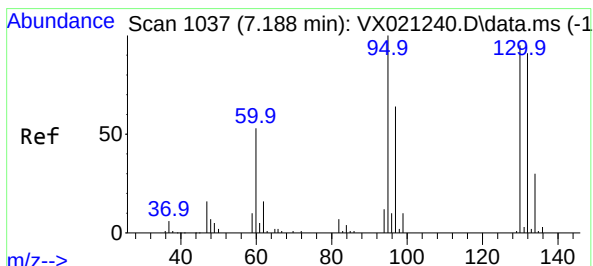
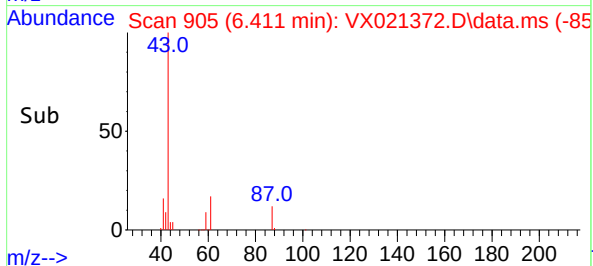
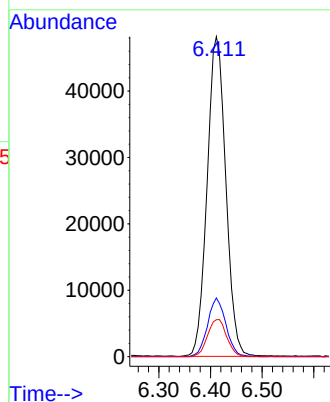
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 120765  
Ion Ratio Lower Upper  
43 100  
61 18.1 18.2 27.4#  
87 11.9 12.5 18.7#

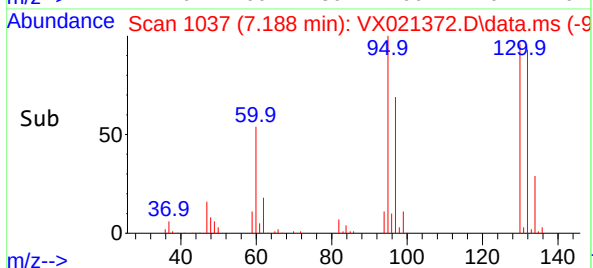
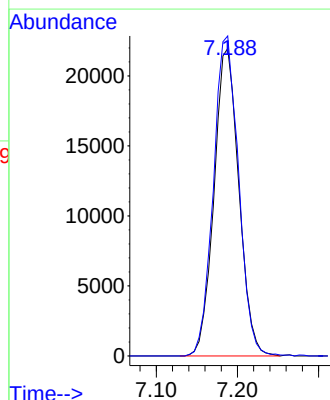
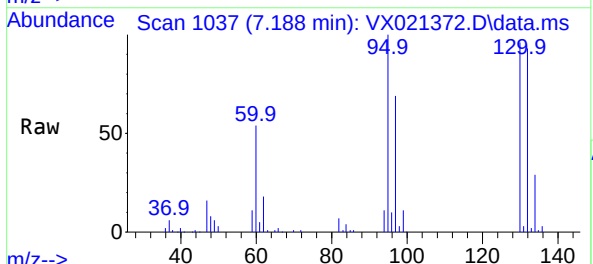
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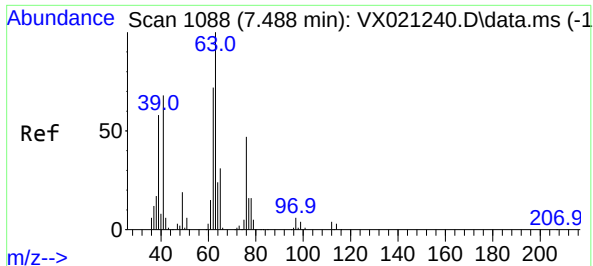
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#44  
Trichloroethene  
Concen: 51.78 ug/l  
RT: 7.188 min Scan# 1037  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

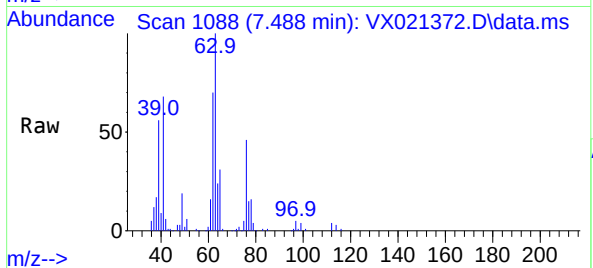
Tgt Ion: 130 Resp: 46671  
Ion Ratio Lower Upper  
130 100  
95 104.1 0.0 198.0





#45  
1,2-Dichloropropane  
Concen: 54.44 ug/l  
RT: 7.488 min Scan# 1088  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

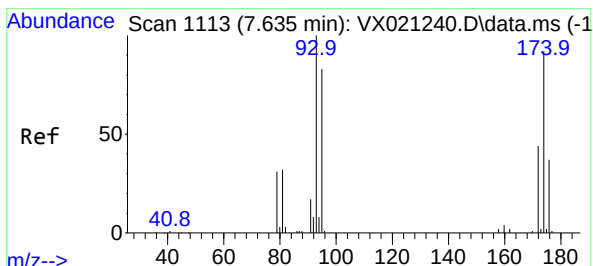
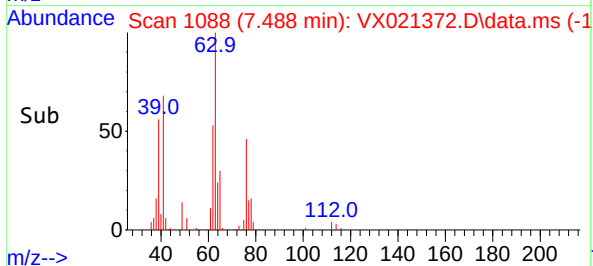
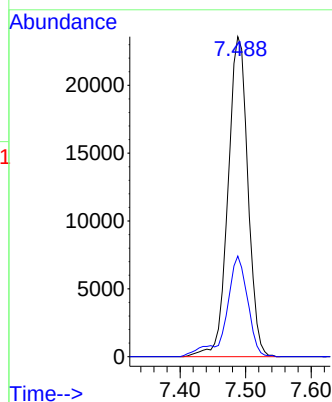
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 63 Resp: 49628  
Ion Ratio Lower Upper  
63 100  
65 31.4 25.7 38.5

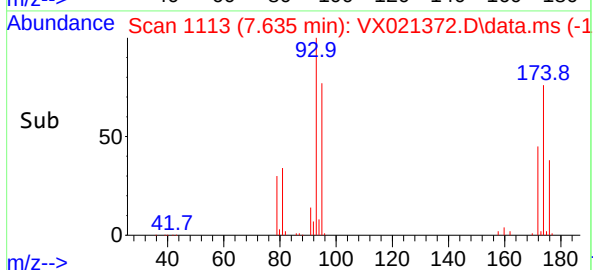
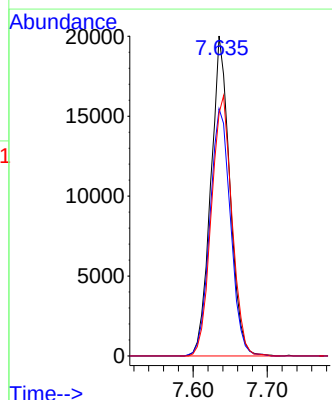
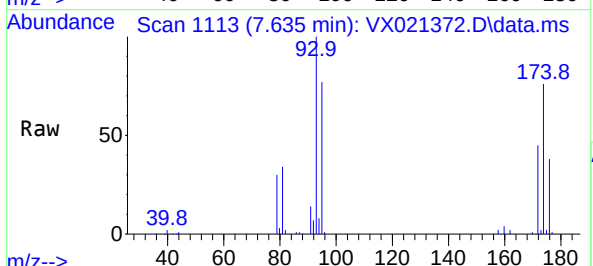
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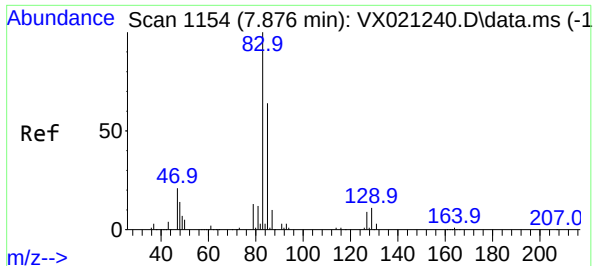
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#46  
Dibromomethane  
Concen: 53.54 ug/l  
RT: 7.635 min Scan# 1113  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 93 Resp: 35722  
Ion Ratio Lower Upper  
93 100  
95 83.7 66.8 100.2  
174 87.6 83.1 124.7





#47

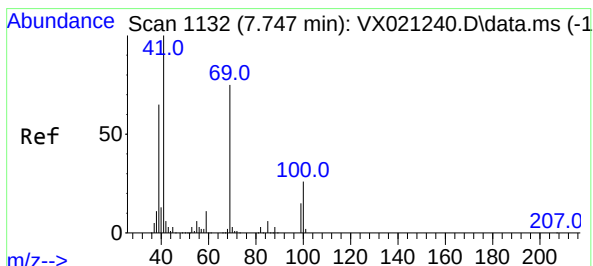
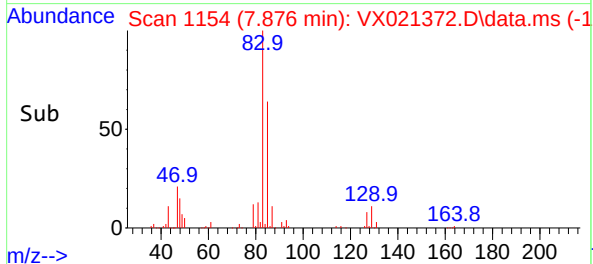
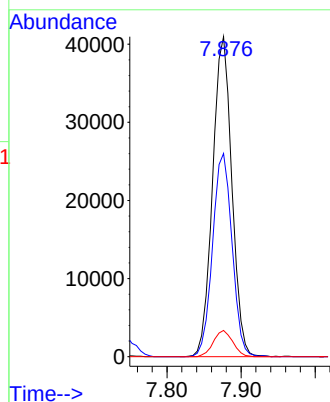
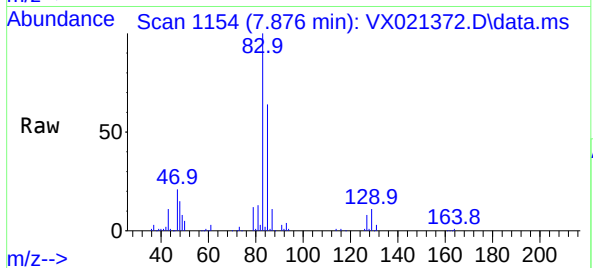
Bromodichloromethane  
Concen: 55.17 ug/l  
RT: 7.876 min Scan# 1154  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 73810 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.5  | 51.4  | 77.0  |
| 127      | 8.2   | 6.8   | 10.2  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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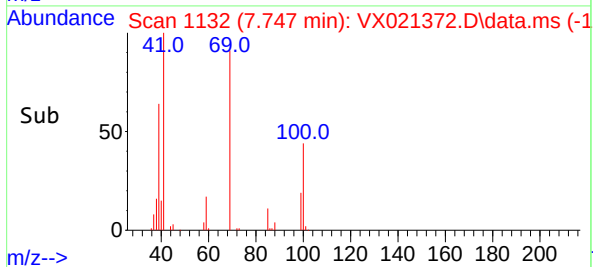
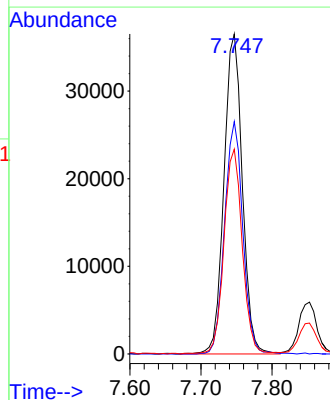
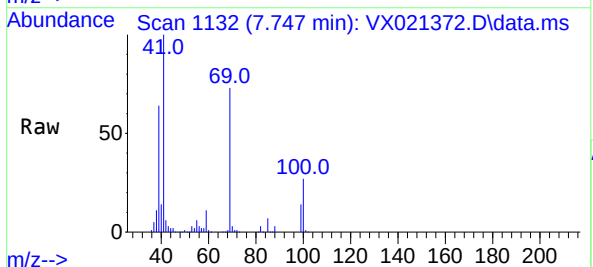
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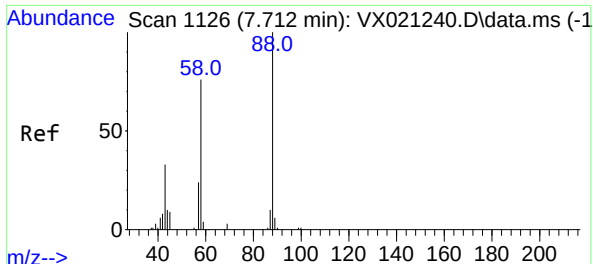


#48

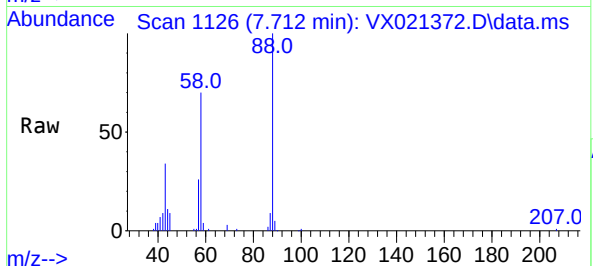
Methyl methacrylate  
Concen: 52.72 ug/l  
RT: 7.747 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 65426  |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 72.3  | 76.0  | 114.0# |
| 39       | 63.9  | 44.6  | 67.0   |

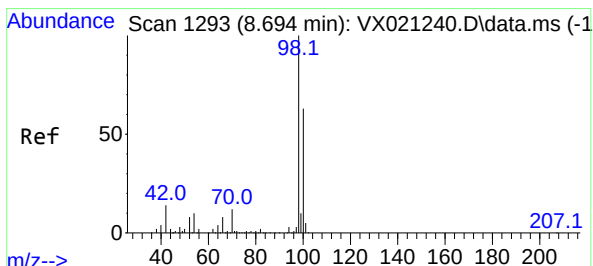
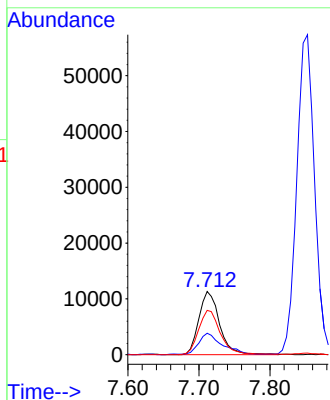
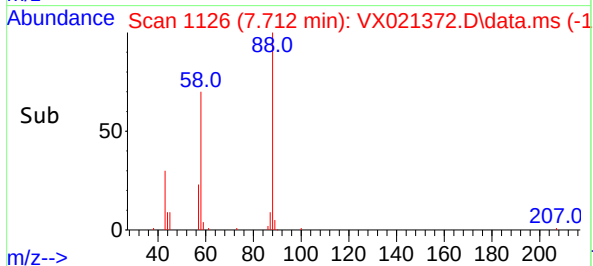




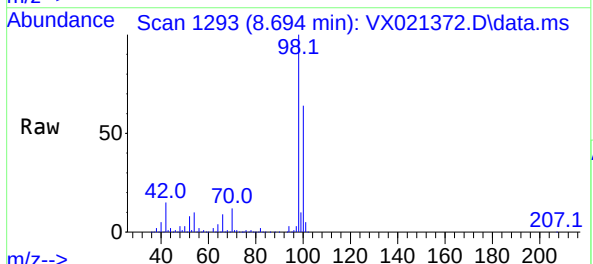
#49  
1,4-Dioxane  
Concen: 1081.26 ug/l  
RT: 7.712 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



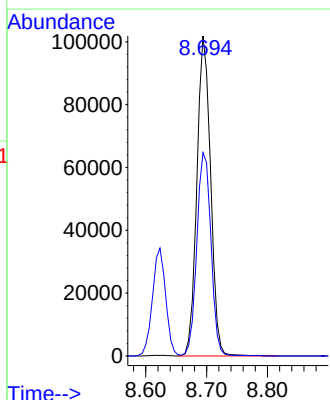
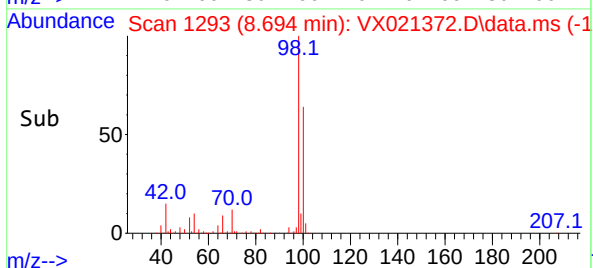
Tgt Ion: 88 Resp: 22836  
Ion Ratio Lower Upper  
88 100  
43 40.0 23.2 34.8#  
58 74.6 55.0 82.4



#50  
Toluene-d8  
Concen: 52.86 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



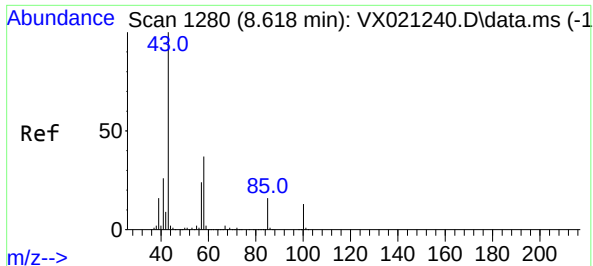
Tgt Ion: 98 Resp: 159487  
Ion Ratio Lower Upper  
98 100  
100 65.7 51.9 77.9



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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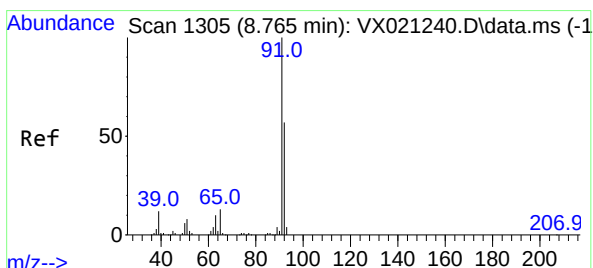
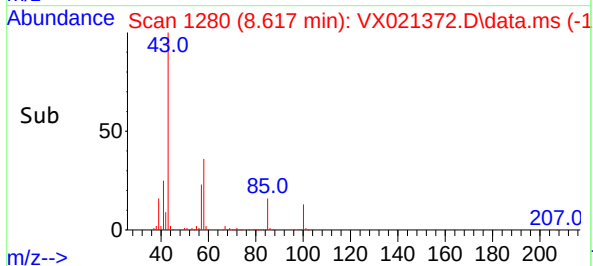
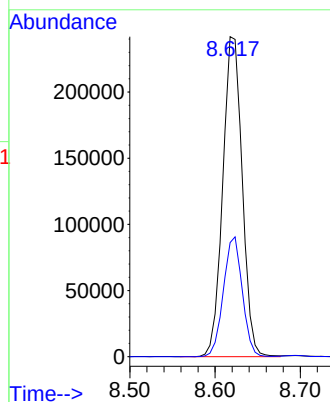
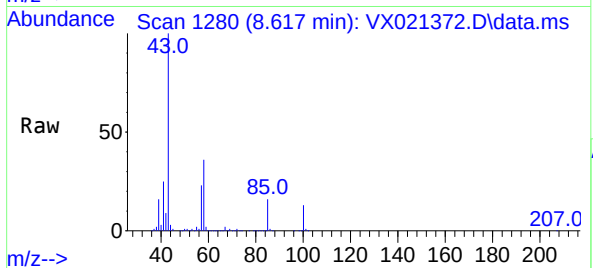
#51  
4-Methyl-2-Pentanone  
Concen: 281.93 ug/l  
RT: 8.617 min Scan# 1280  
Delta R.T. -0.001 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 43 Resp: 383811  
Ion Ratio Lower Upper  
43 100  
58 36.3 35.4 53.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

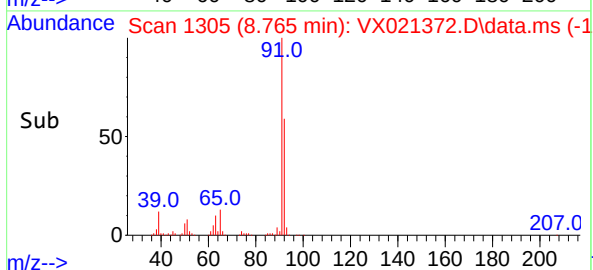
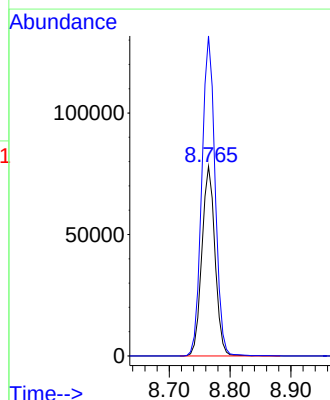
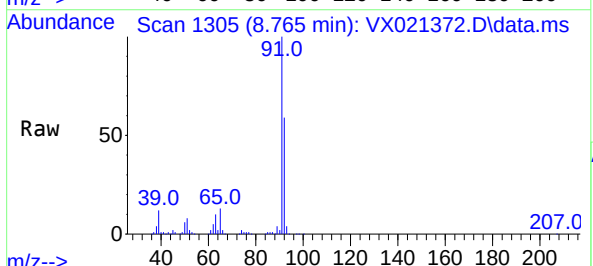
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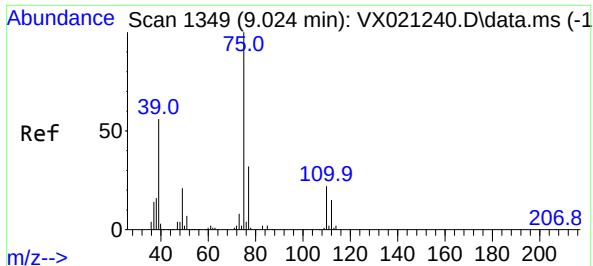
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#52  
Toluene  
Concen: 55.57 ug/l  
RT: 8.765 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

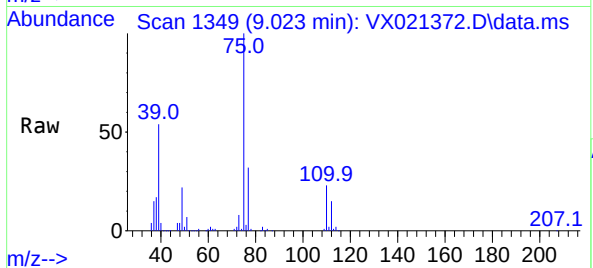
Tgt Ion: 92 Resp: 116605  
Ion Ratio Lower Upper  
92 100  
91 171.1 137.1 205.7





#53  
t-1,3-Dichloropropene  
Concen: 52.55 ug/l  
RT: 9.023 min Scan# 1349  
Delta R.T. -0.001 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

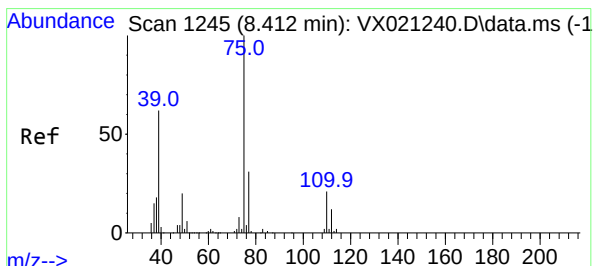
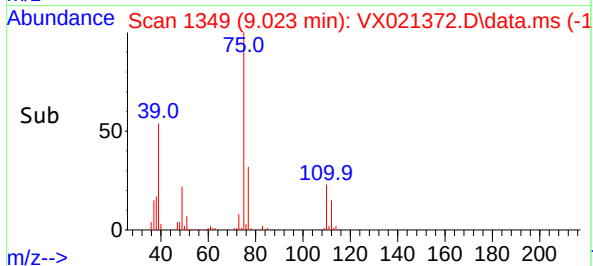
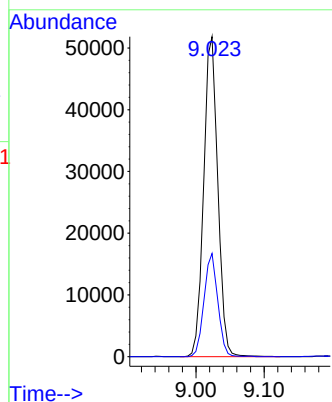
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 75 Resp: 74584  
Ion Ratio Lower Upper  
75 100  
77 32.2 24.9 37.3

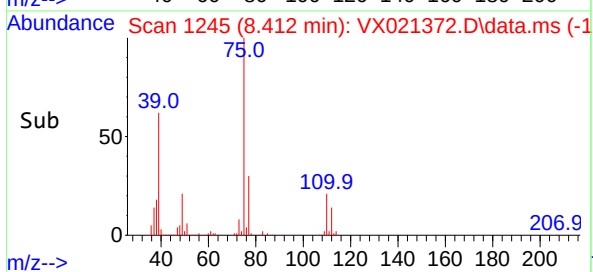
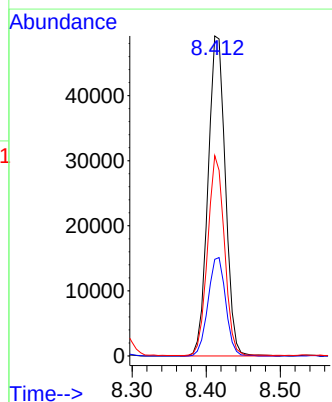
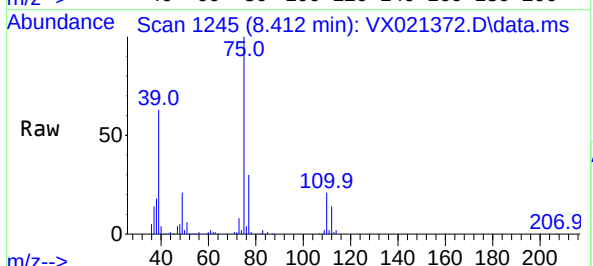
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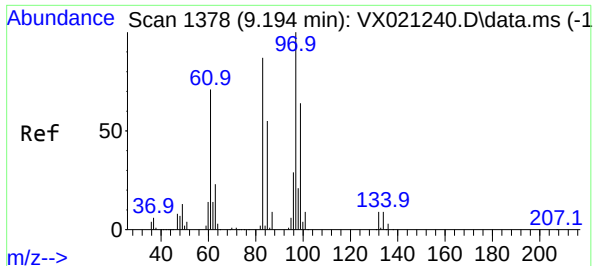
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#54  
cis-1,3-Dichloropropene  
Concen: 52.76 ug/l  
RT: 8.412 min Scan# 1245  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

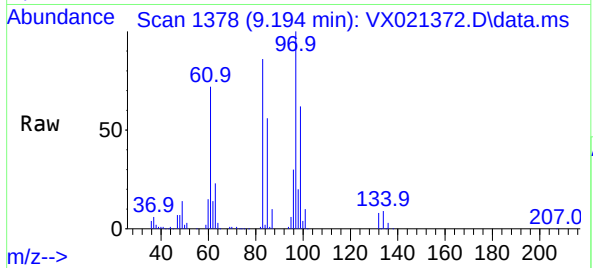
Tgt Ion: 75 Resp: 79967  
Ion Ratio Lower Upper  
75 100  
77 30.2 25.7 38.5  
39 62.4 35.1 52.7#





#55  
1,1,2-Trichloroethane  
Concen: 57.32 ug/l  
RT: 9.194 min Scan# 1378  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

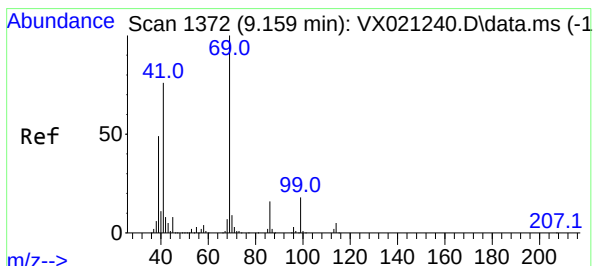
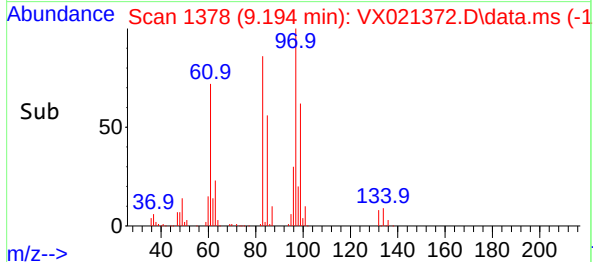
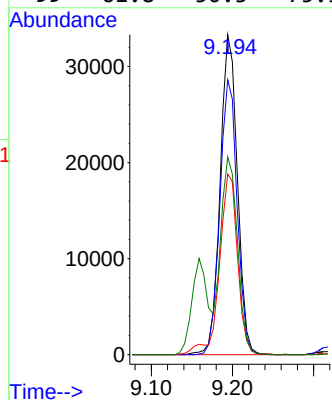


Tgt Ion: 97 Resp: 49202

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.9  | 69.3  | 103.9 |
| 85  | 56.4  | 44.3  | 66.5  |
| 99  | 61.8  | 50.3  | 75.5  |

Manual Integrations  
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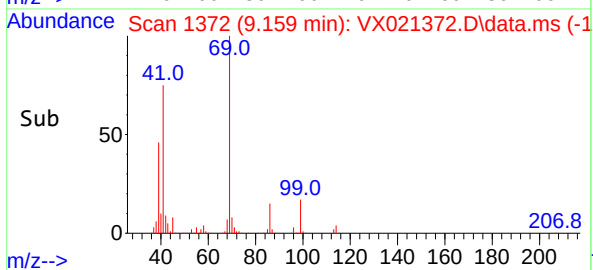
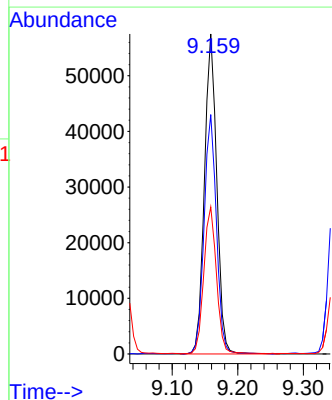
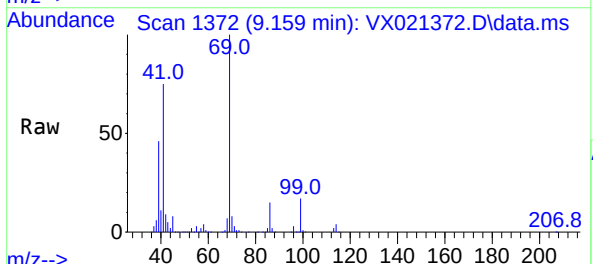
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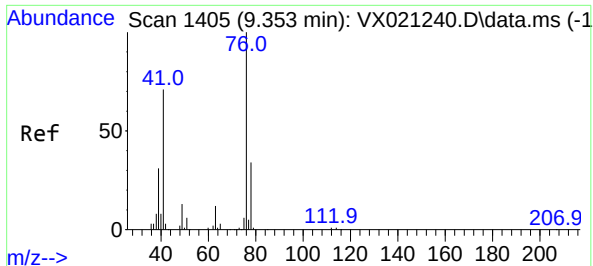
#56  
Ethyl methacrylate  
Concen: 54.52 ug/l  
RT: 9.159 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 69 Resp: 75257

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 75.4  | 46.8  | 70.2# |
| 39  | 47.2  | 24.7  | 37.1# |

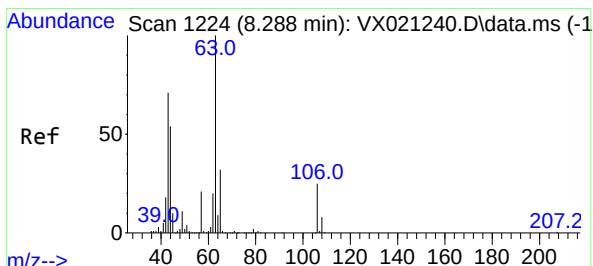
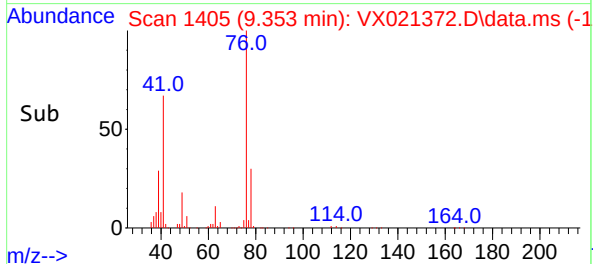
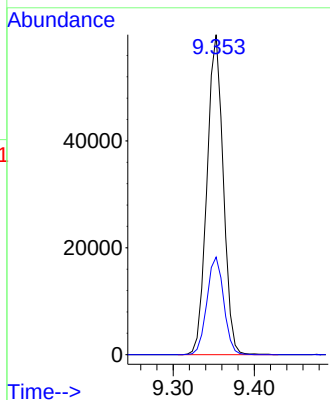
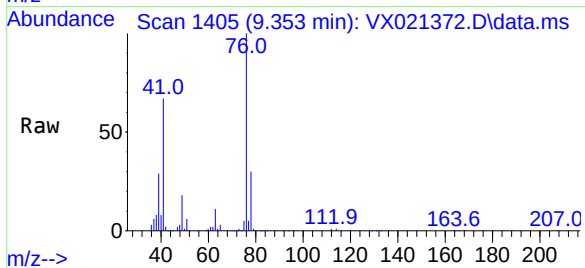






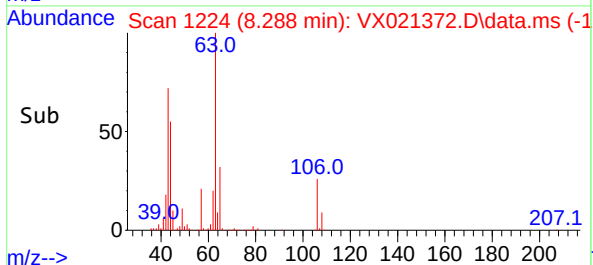
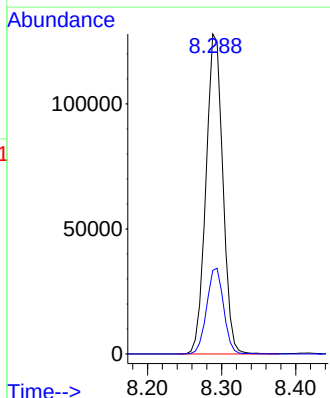
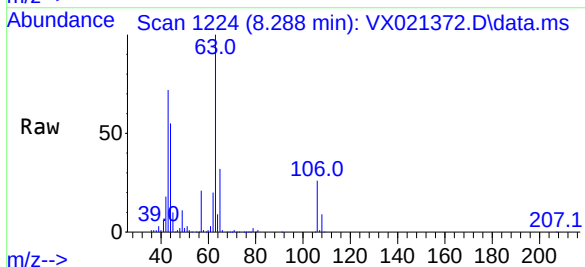
#57  
1,3-Dichloropropane  
Concen: 55.75 ug/l  
RT: 9.353 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 76 Resp: 83283  
Ion Ratio Lower Upper  
76 100  
78 31.6 26.2 39.2



#58  
2-Chloroethyl Vinyl ether  
Concen: 268.45 ug/l  
RT: 8.288 min Scan# 1224  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

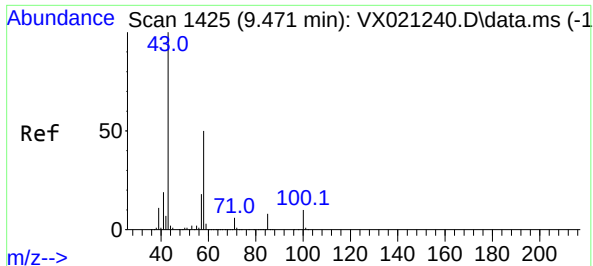
Tgt Ion: 63 Resp: 202520  
Ion Ratio Lower Upper  
63 100  
106 26.8 23.5 35.3



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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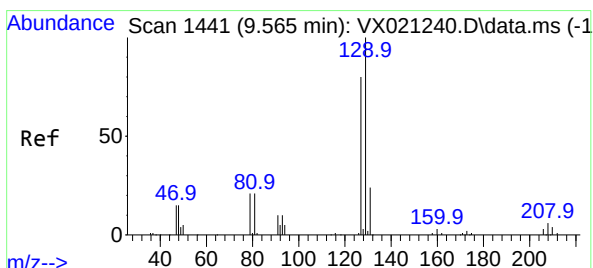
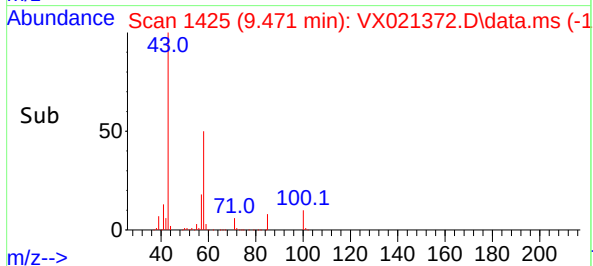
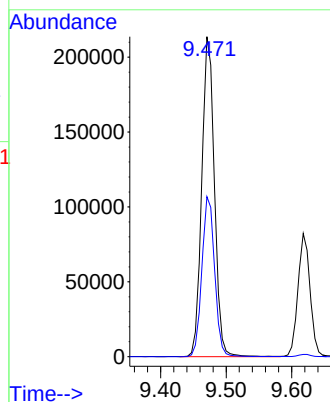
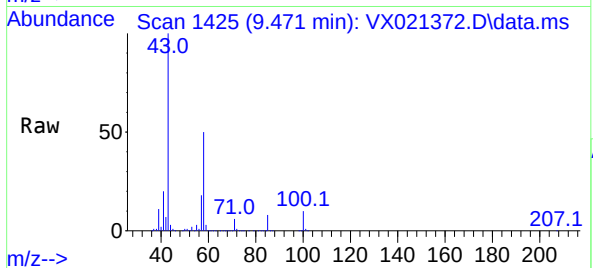
#59  
2-Hexanone  
Concen: 281.79 ug/l  
RT: 9.471 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 43 Resp: 287123  
Ion Ratio Lower Upper  
43 100  
58 50.6 30.9 92.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

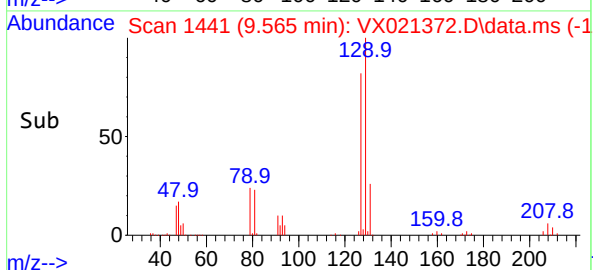
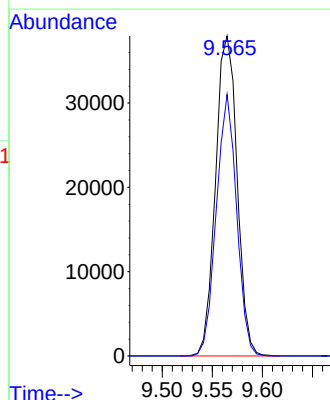
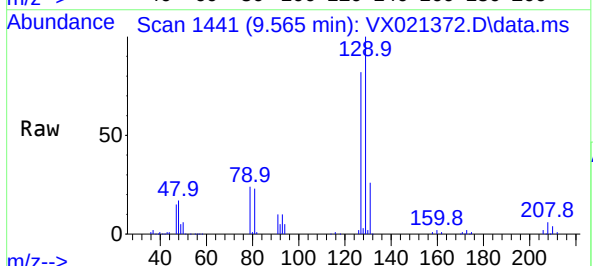
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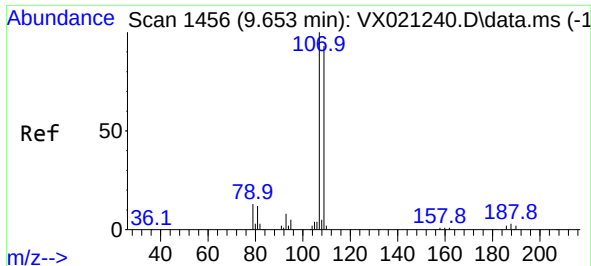
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#60  
Dibromochloromethane  
Concen: 57.99 ug/l  
RT: 9.565 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

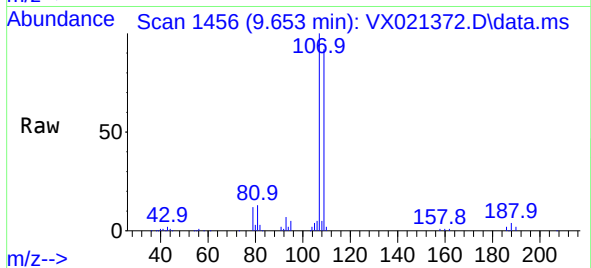
Tgt Ion: 129 Resp: 56696  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.4 115.2





#61  
1,2-Dibromoethane  
Concen: 55.34 ug/l  
RT: 9.653 min Scan# 1456  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

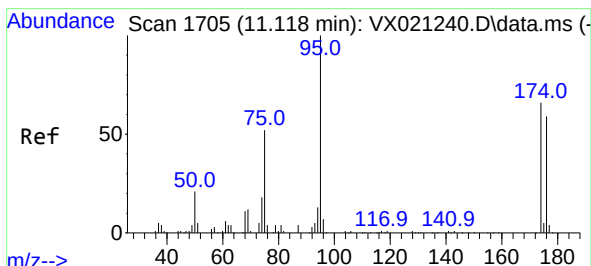
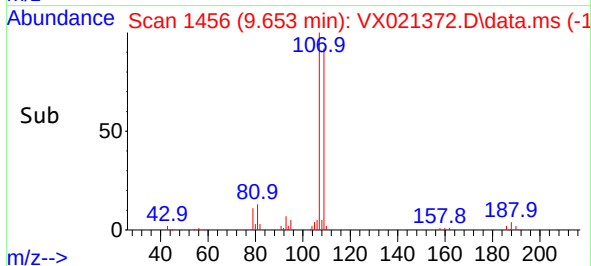
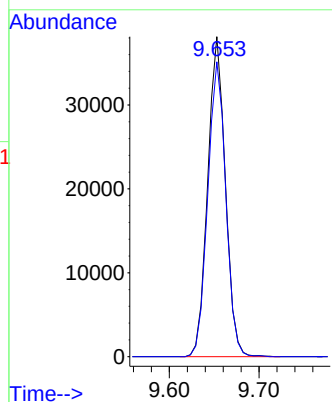
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



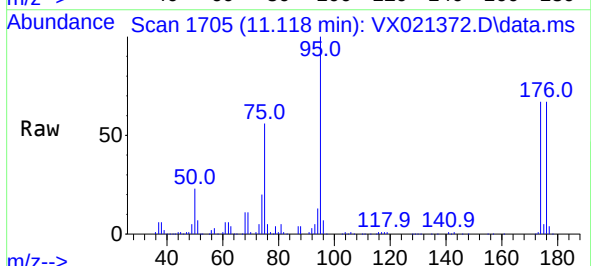
Tgt Ion:107 Resp: 52065  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.8 113.6

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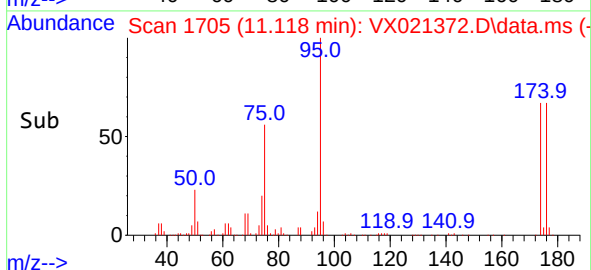
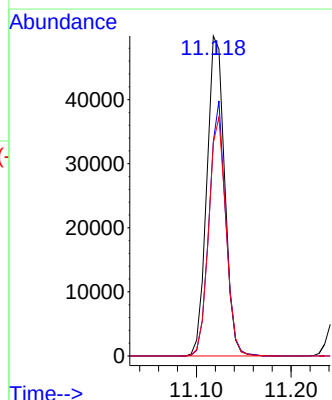
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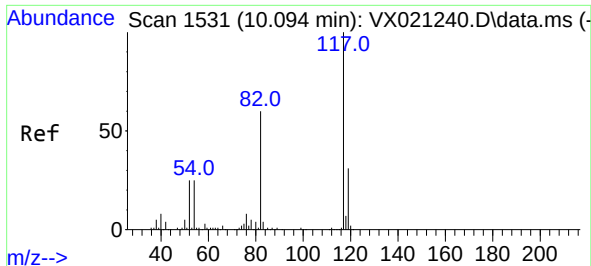


#62  
4-Bromofluorobenzene  
Concen: 55.51 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



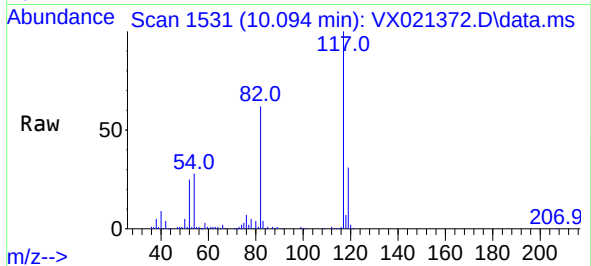
Tgt Ion: 95 Resp: 65036  
Ion Ratio Lower Upper  
95 100  
174 73.8 0.0 154.6  
176 72.2 0.0 155.8





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

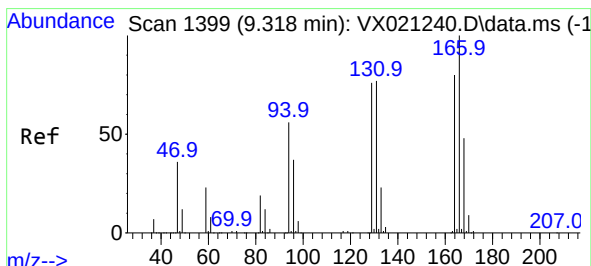
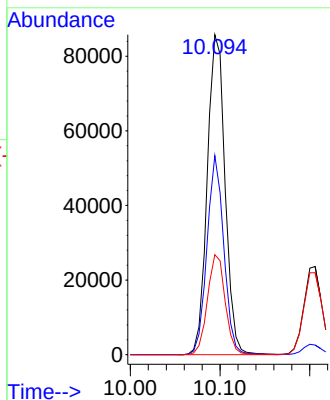
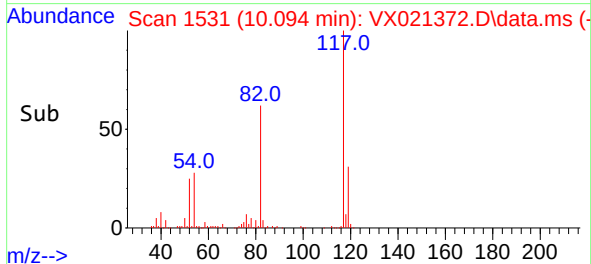
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



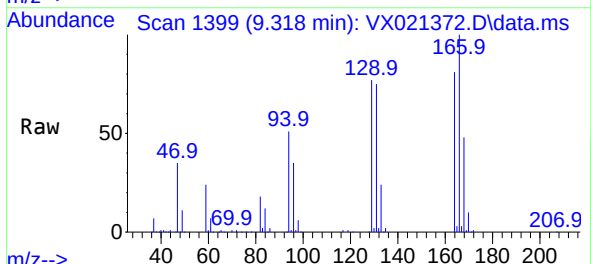
Tgt Ion:117 Resp: 118479  
Ion Ratio Lower Upper  
117 100  
82 62.2 47.4 71.2  
119 31.2 26.6 39.8

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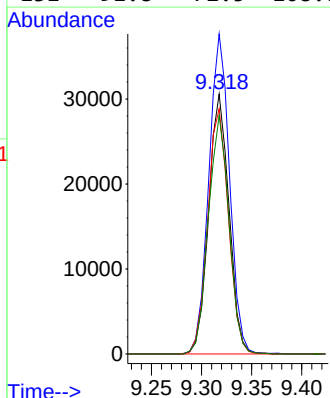
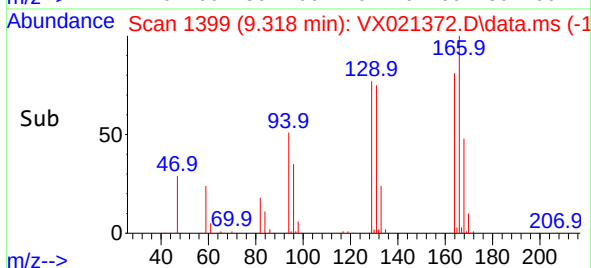
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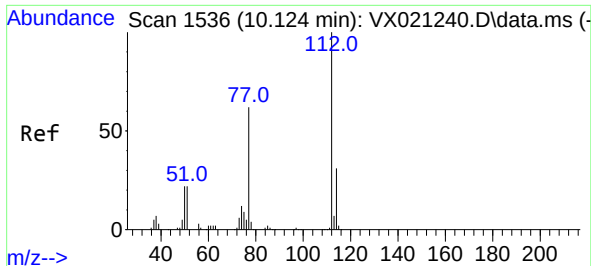


#64  
Tetrachloroethene  
Concen: 48.77 ug/l  
RT: 9.318 min Scan# 1399  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



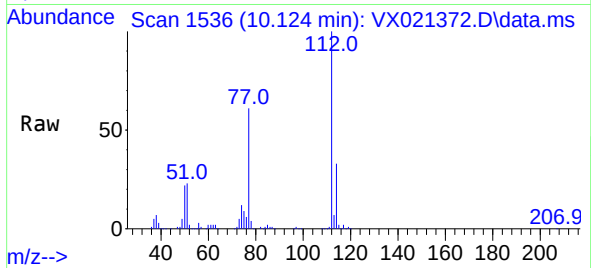
Tgt Ion:164 Resp: 43154  
Ion Ratio Lower Upper  
164 100  
166 123.1 103.4 155.2  
129 94.3 70.8 106.2  
131 91.8 72.5 108.7





#65  
Chlorobenzene  
Concen: 51.13 ug/l  
RT: 10.124 min Scan# 1536  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

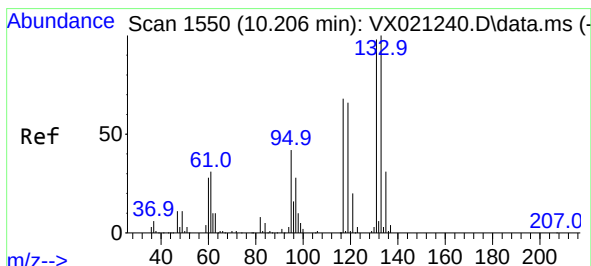
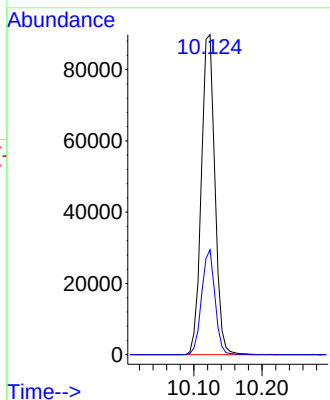
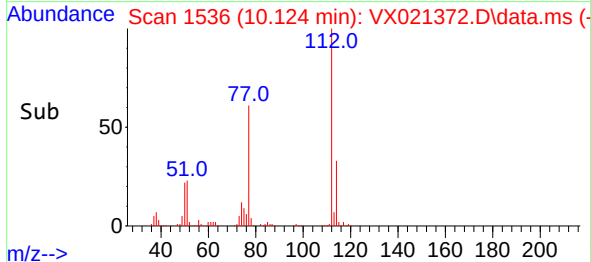
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



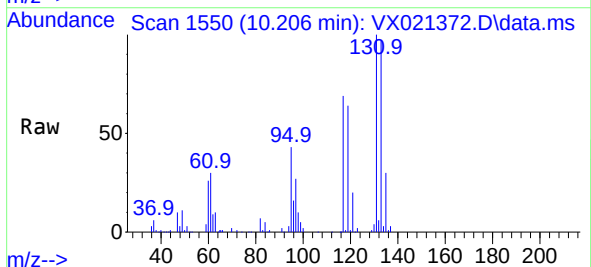
Tgt Ion:112 Resp: 124528  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.8 38.6

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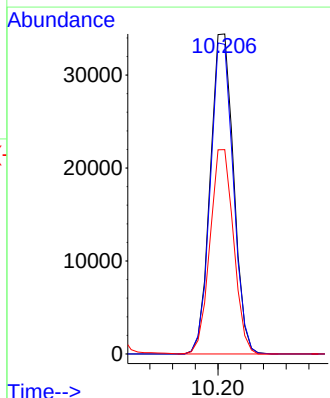
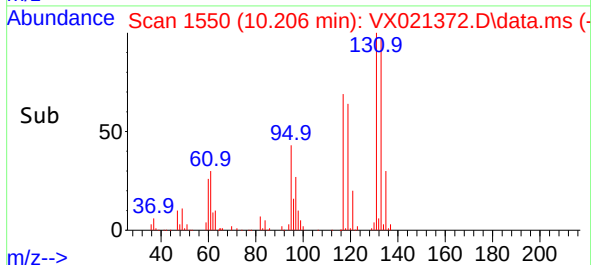
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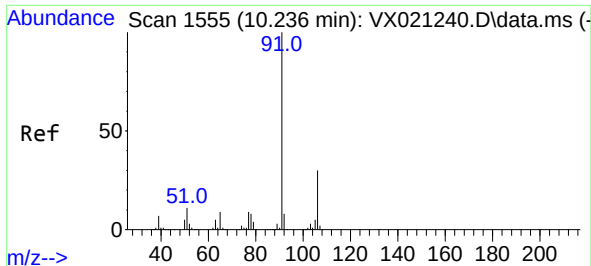


#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.26 ug/l  
RT: 10.206 min Scan# 1550  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



Tgt Ion:131 Resp: 49033  
Ion Ratio Lower Upper  
131 100  
133 95.8 47.7 143.1  
119 64.5 32.1 96.5





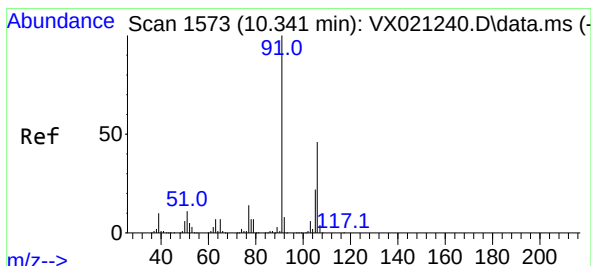
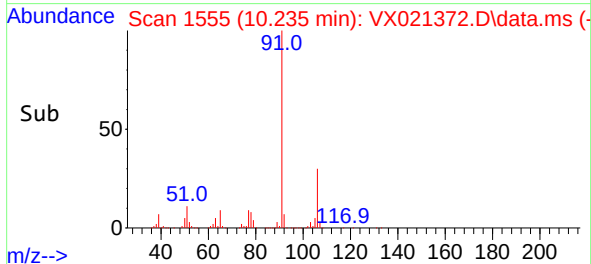
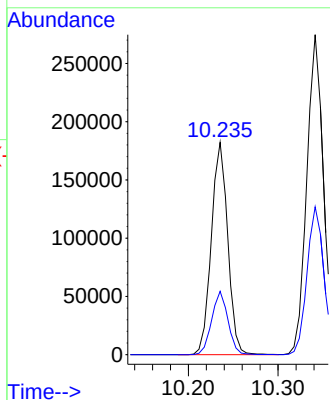
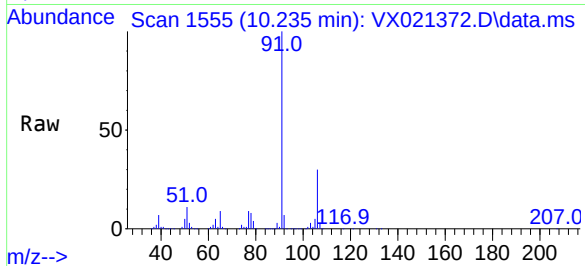
#67  
Ethyl Benzene  
Concen: 51.46 ug/l  
RT: 10.235 min Scan# 1555  
Delta R.T. -0.001 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 91 Resp: 231825  
Ion Ratio Lower Upper  
91 100  
106 29.8 24.6 37.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

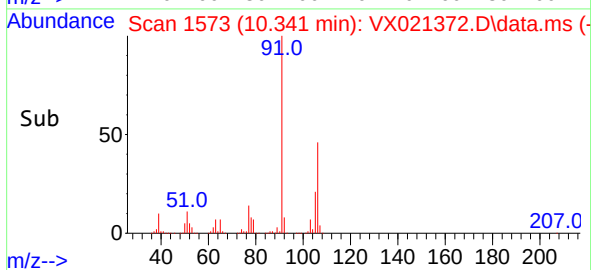
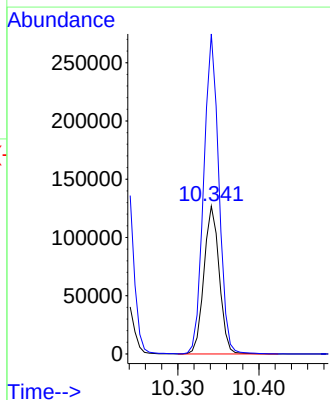
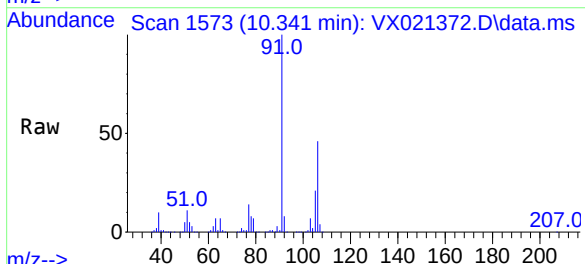
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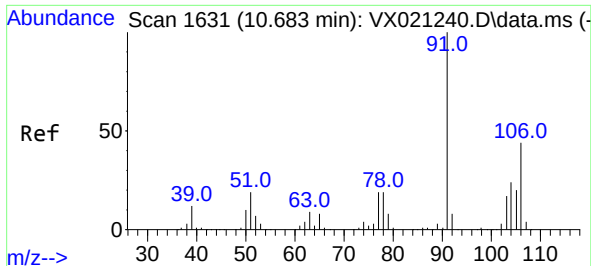
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#68  
m/p-Xylenes  
Concen: 102.99 ug/l  
RT: 10.341 min Scan# 1573  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 106 Resp: 165746  
Ion Ratio Lower Upper  
106 100  
91 214.0 162.8 244.2





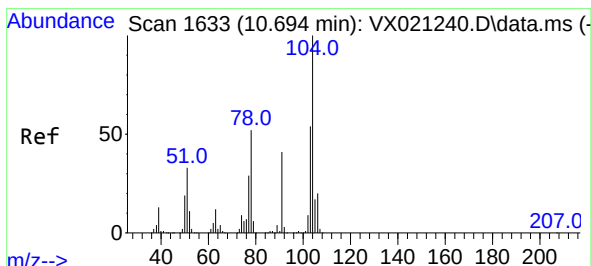
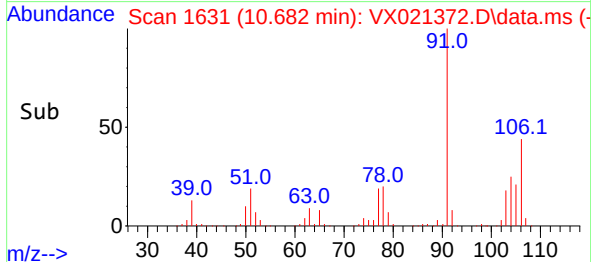
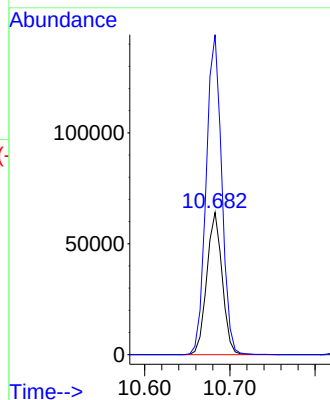
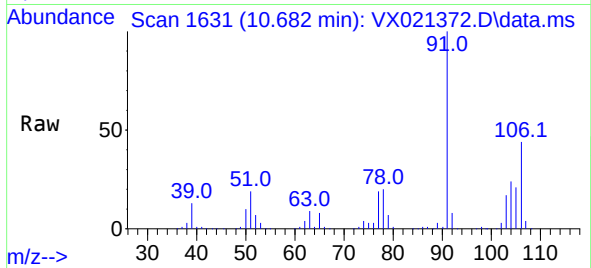
#69  
o-Xylene  
Concen: 51.43 ug/l  
RT: 10.682 min Scan# 1631  
Delta R.T. -0.001 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion:106 Resp: 80431  
Ion Ratio Lower Upper  
106 100  
91 227.5 108.1 324.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

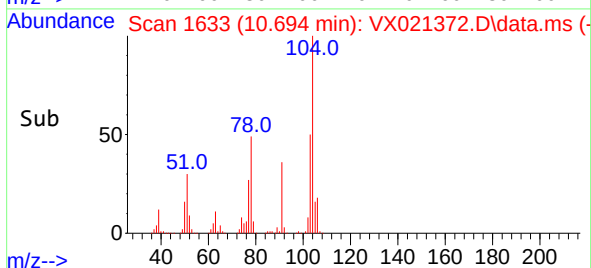
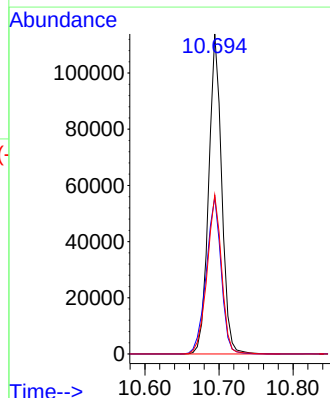
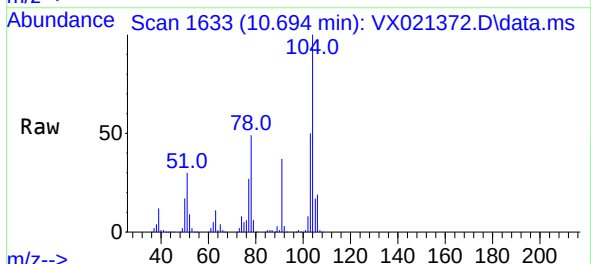
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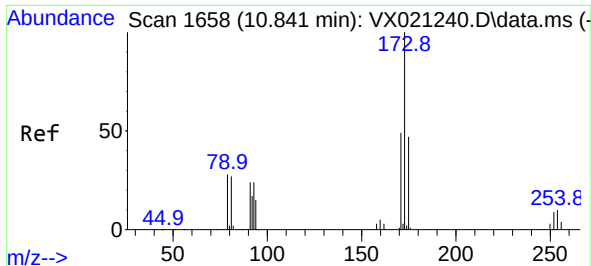
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#70  
Styrene  
Concen: 53.10 ug/l  
RT: 10.694 min Scan# 1633  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion:104 Resp: 139336  
Ion Ratio Lower Upper  
104 100  
78 56.0 40.0 60.0  
103 55.3 43.4 65.0





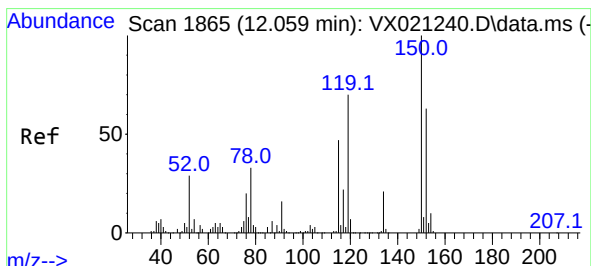
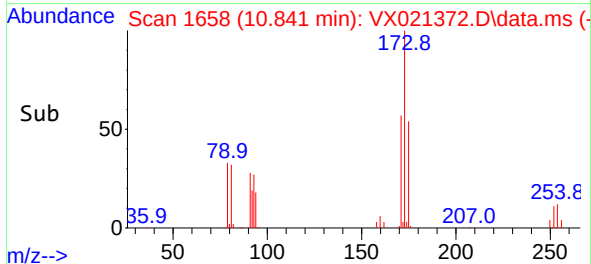
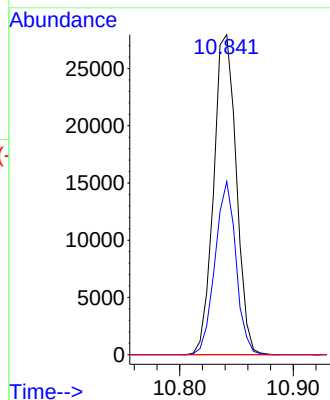
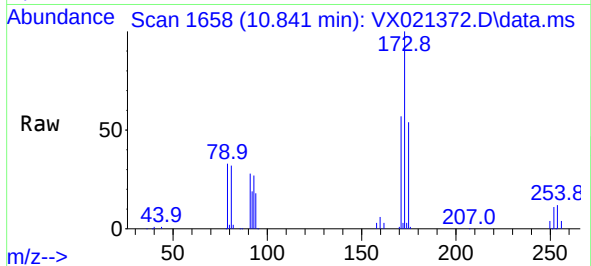
#71  
Bromoform  
Concen: 53.07 ug/l  
RT: 10.841 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion:173 Resp: 38777  
Ion Ratio Lower Upper  
173 100  
175 50.0 23.9 71.8  
254 0.0 0.1 0.1#

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

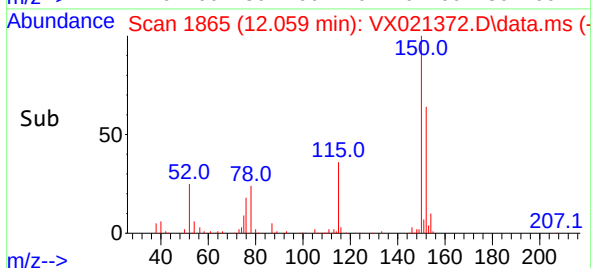
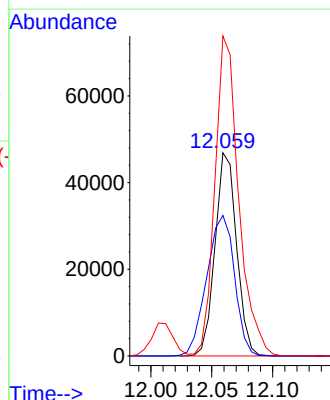
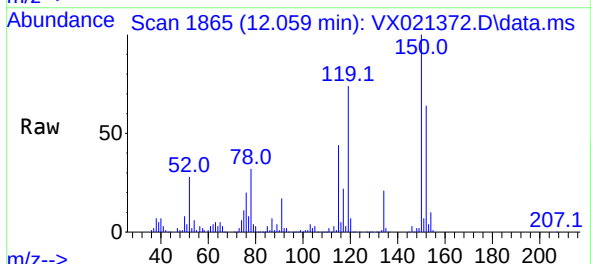
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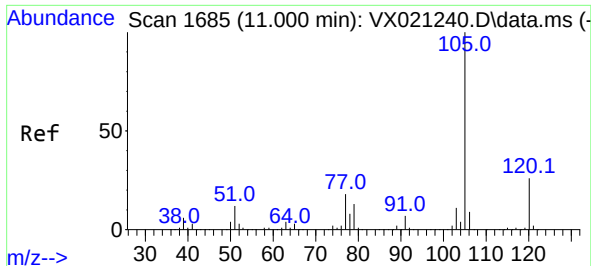


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.059 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion:152 Resp: 57770  
Ion Ratio Lower Upper  
152 100  
115 89.1 41.1 123.3  
150 173.7 0.0 349.0







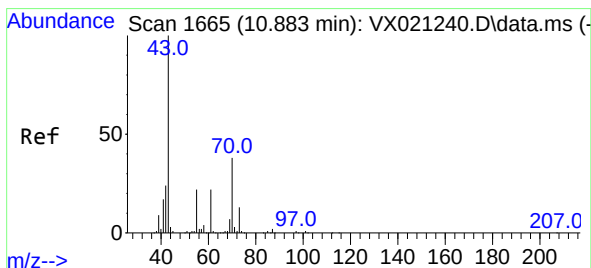
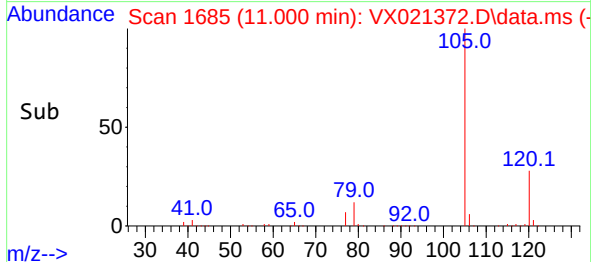
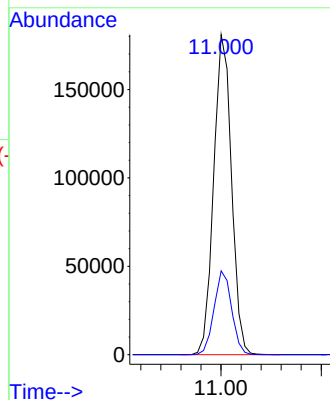
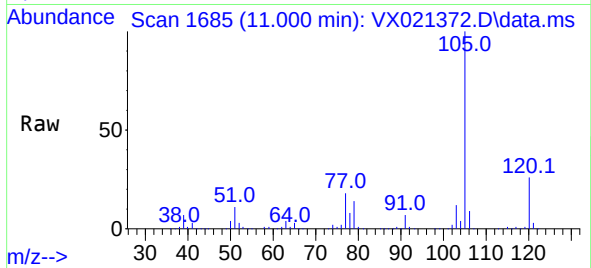
#73  
Isopropylbenzene  
Concen: 52.00 ug/l  
RT: 11.000 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 105 Resp: 223132  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.2 39.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

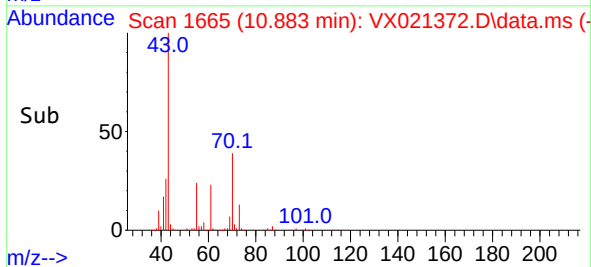
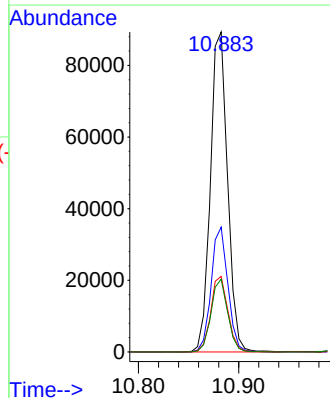
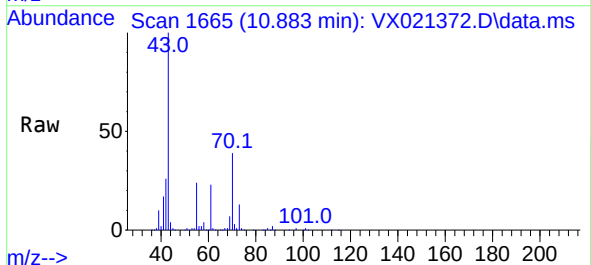
Manual Integrations  
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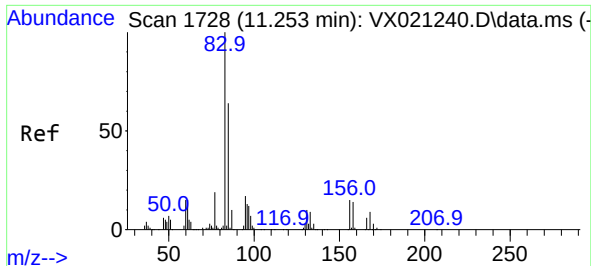
MMDadoda  
3/23/2021 10:48:41 AM



#74  
N-ethyl acetate  
Concen: 48.91 ug/l  
RT: 10.883 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 43 Resp: 106468  
Ion Ratio Lower Upper  
43 100  
70 38.0 39.0 58.6#  
55 23.7 21.5 32.3  
61 22.0 22.1 33.1#





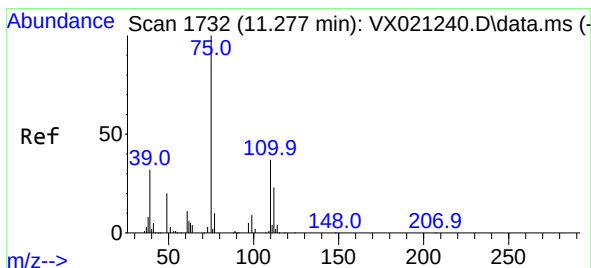
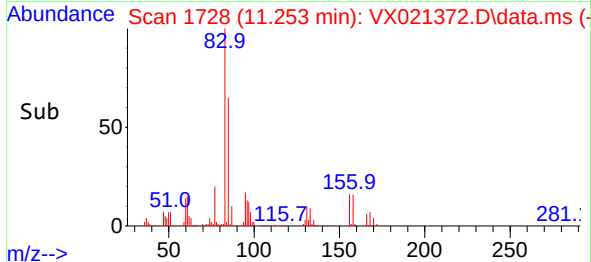
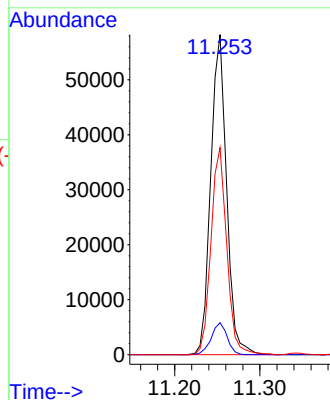
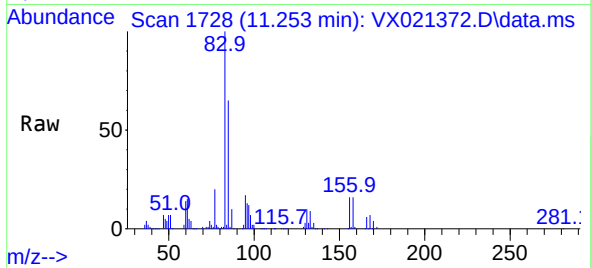
#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.81 ug/l  
RT: 11.253 min Scan# 1728  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 83 Resp: 75225  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.1 15.2  
85 64.5 31.8 95.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

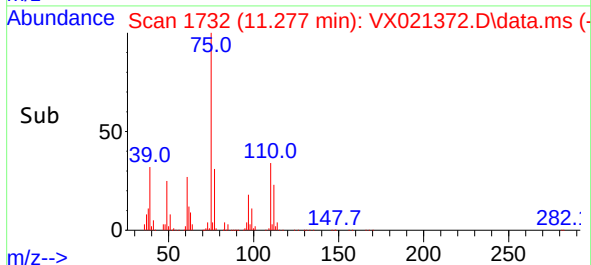
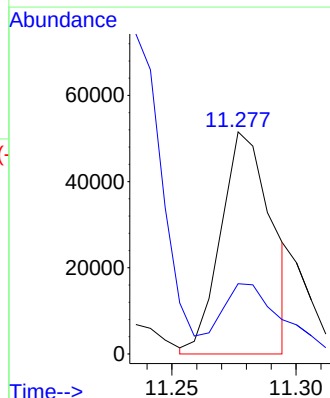
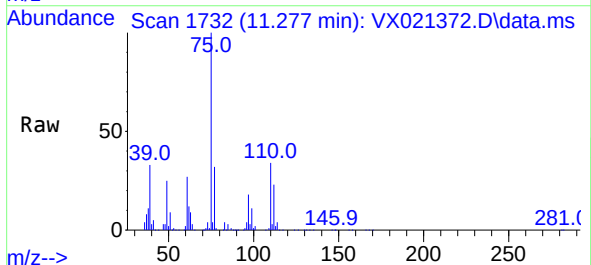
Manual Integrations  
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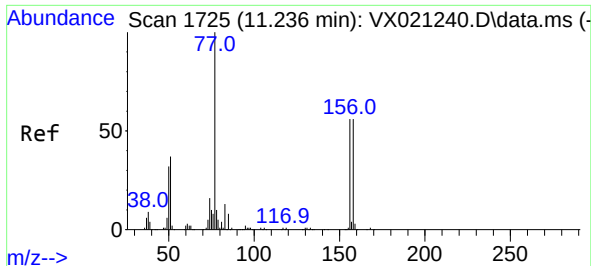
MMDadoda  
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#76  
1,2,3-Trichloropropane  
Concen: 54.39 ug/l m  
RT: 11.277 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 75 Resp: 72892  
Ion Ratio Lower Upper  
75 100  
77 38.5 19.1 57.5





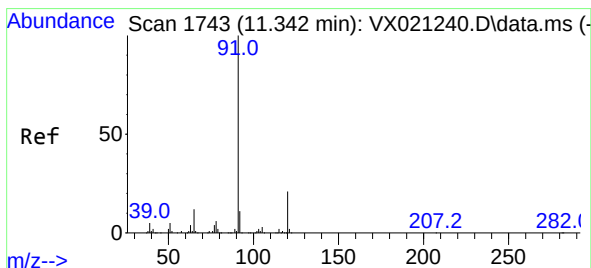
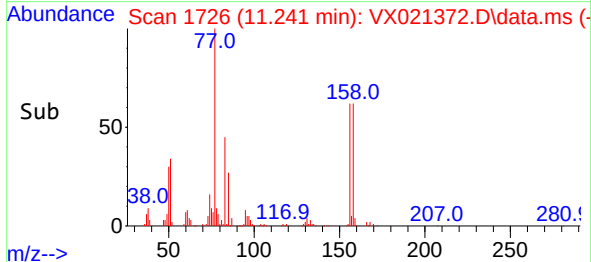
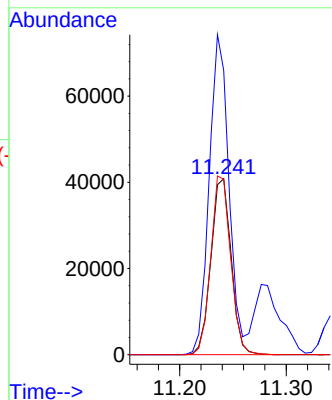
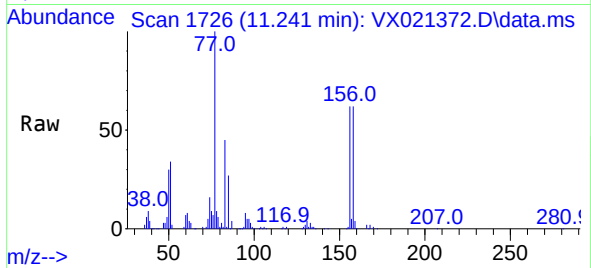
#77  
Bromobenzene  
Concen: 52.76 ug/l  
RT: 11.241 min Scan# 1726  
Delta R.T. 0.005 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 156 Resp: 53722  
Ion Ratio Lower Upper  
156 100  
77 176.2 82.8 248.6  
158 100.2 49.1 147.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

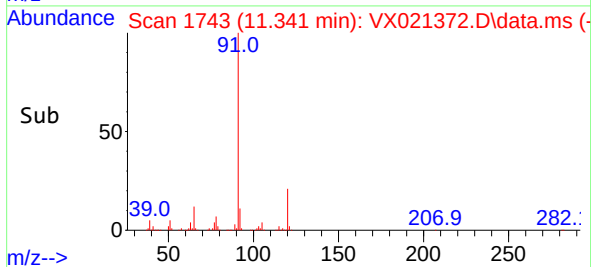
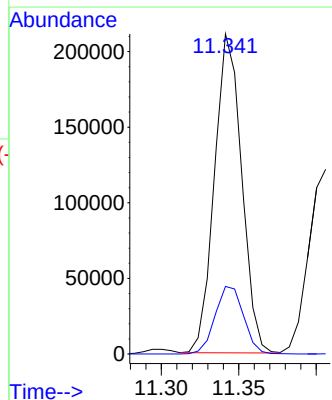
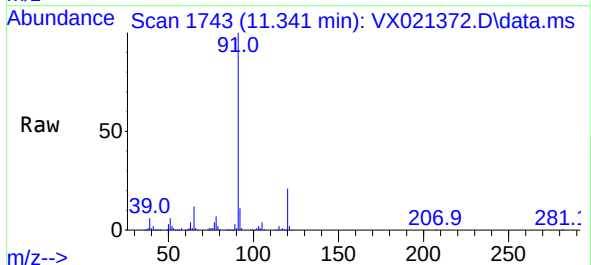
Manual Integrations  
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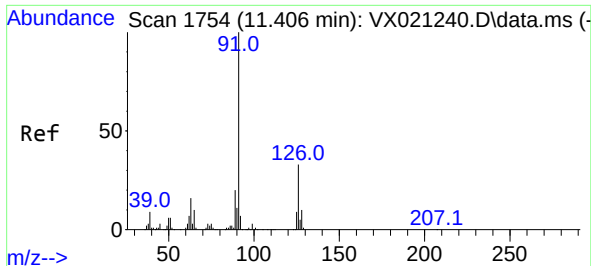
MMDadoda  
3/23/2021 10:48:41 AM



#78  
n-propylbenzene  
Concen: 51.28 ug/l  
RT: 11.341 min Scan# 1743  
Delta R.T. -0.001 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 91 Resp: 257344  
Ion Ratio Lower Upper  
91 100  
120 22.2 11.5 34.5





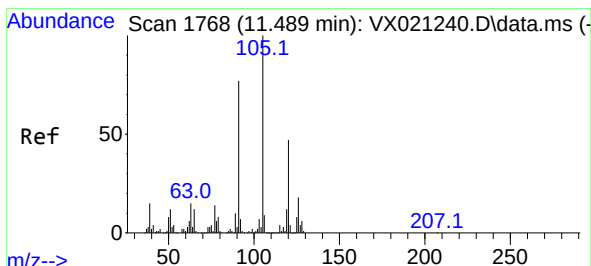
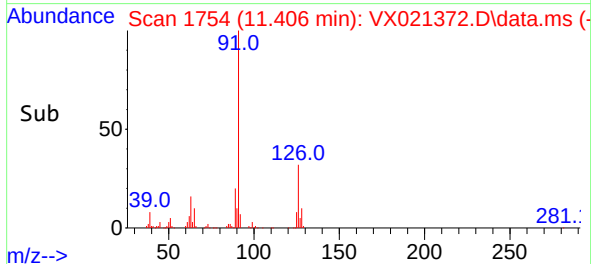
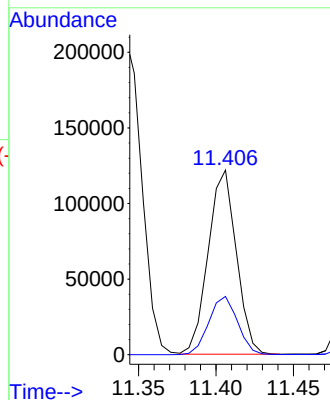
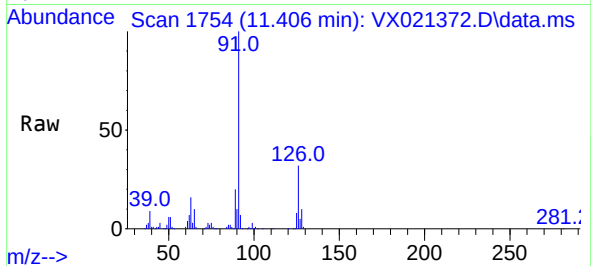
#79  
2-Chlorotoluene  
Concen: 50.57 ug/l  
RT: 11.406 min Scan# 1754  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

Tgt Ion: 91 Resp: 154114  
Ion Ratio Lower Upper  
91 100  
126 32.3 16.6 49.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

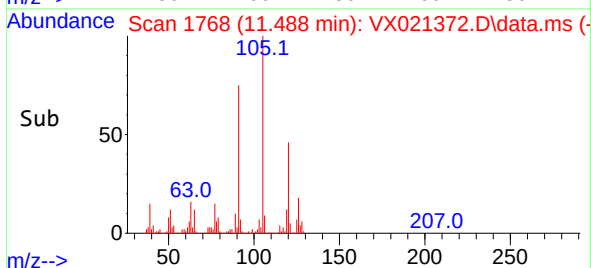
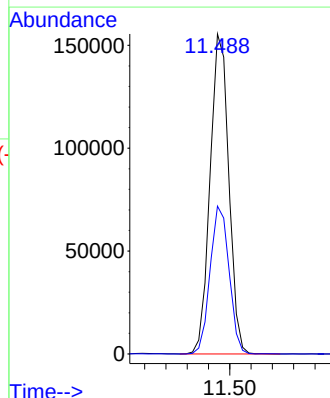
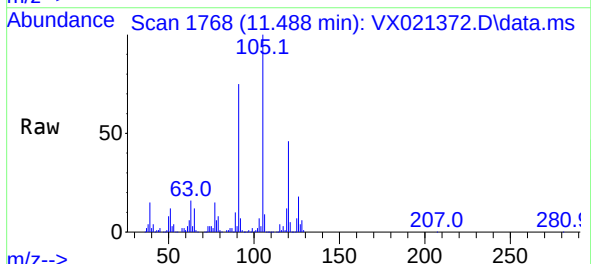
Manual Integrations  
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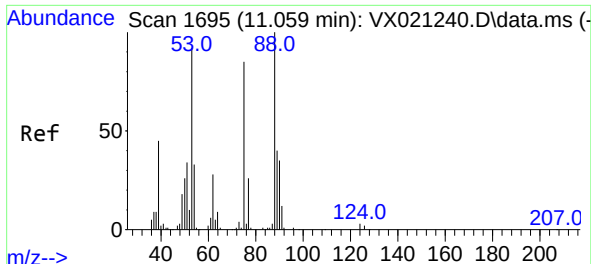
MMDadoda  
3/23/2021 10:48:41 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 52.34 ug/l  
RT: 11.488 min Scan# 1768  
Delta R.T. -0.001 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

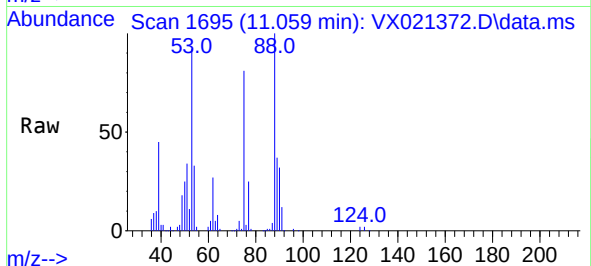
Tgt Ion: 105 Resp: 190042  
Ion Ratio Lower Upper  
105 100  
120 46.8 23.8 71.5





#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.28 ug/l  
RT: 11.059 min Scan# 1695  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

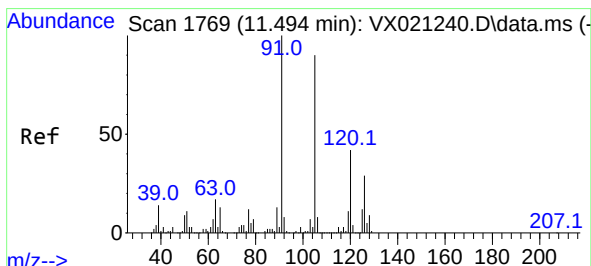
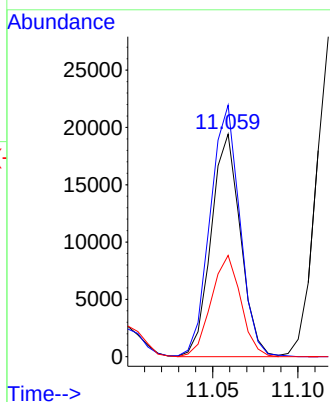
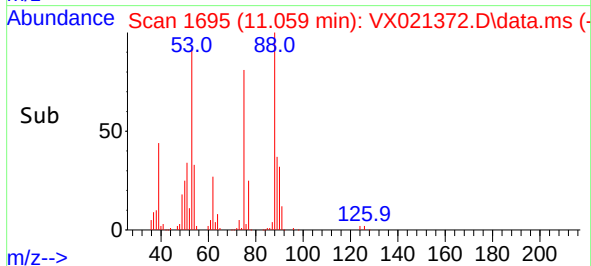
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



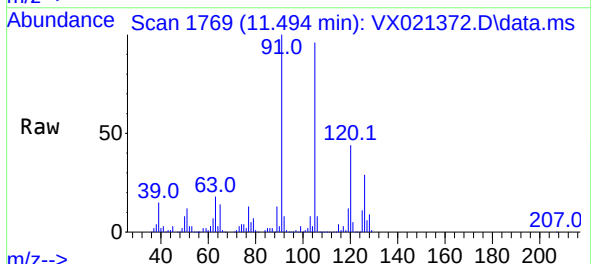
Tgt Ion: 75 Resp: 23336  
Ion Ratio Lower Upper  
75 100  
53 113.9 74.5 111.7#  
89 45.7 37.9 56.9

Manual Integrations  
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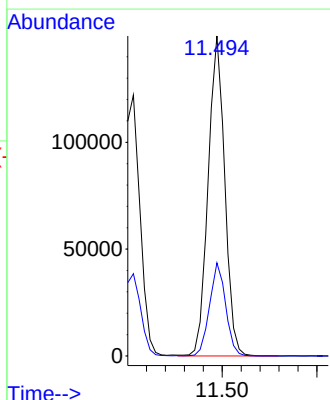
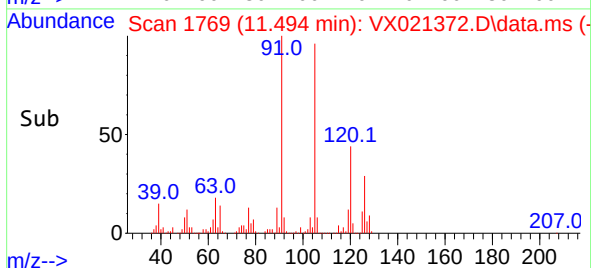
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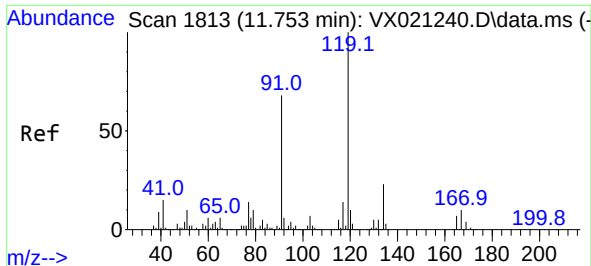


#82  
4-Chlorotoluene  
Concen: 50.84 ug/l  
RT: 11.494 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



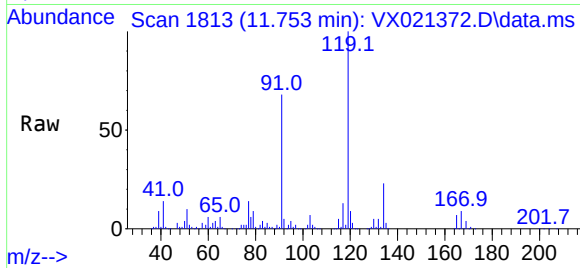
Tgt Ion: 91 Resp: 182437  
Ion Ratio Lower Upper  
91 100  
126 28.2 14.9 44.5





#83  
tert-Butylbenzene  
Concen: 54.38 ug/l  
RT: 11.753 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

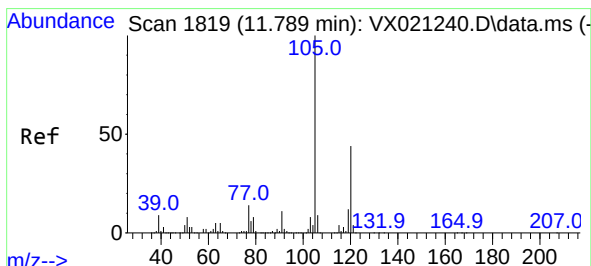
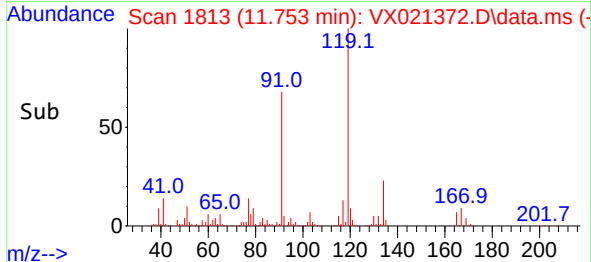
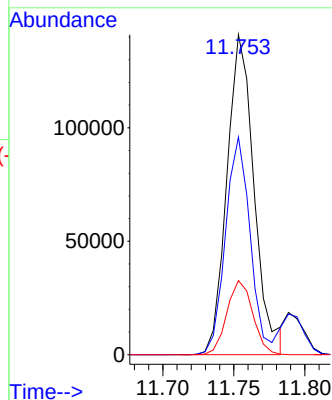
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



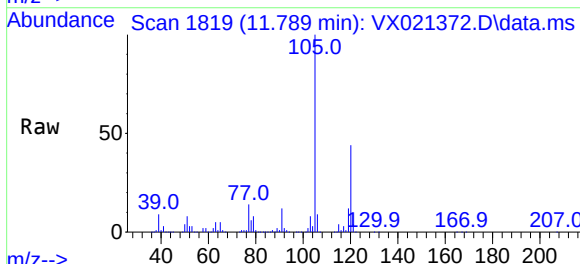
Tgt Ion:119 Resp: 187968  
Ion Ratio Lower Upper  
119 100  
91 61.9 27.9 83.7  
134 22.0 11.3 33.9

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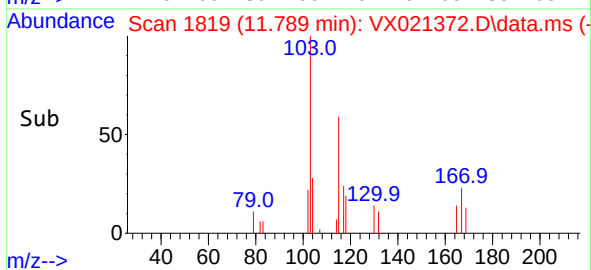
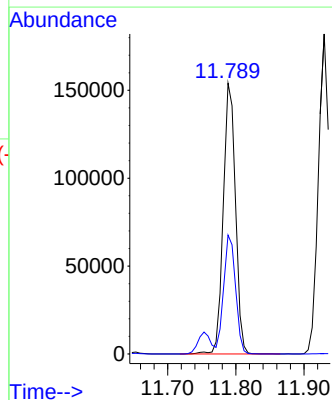
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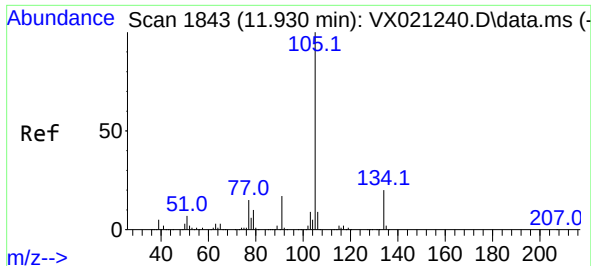


#84  
1,2,4-Trimethylbenzene  
Concen: 51.97 ug/l  
RT: 11.789 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



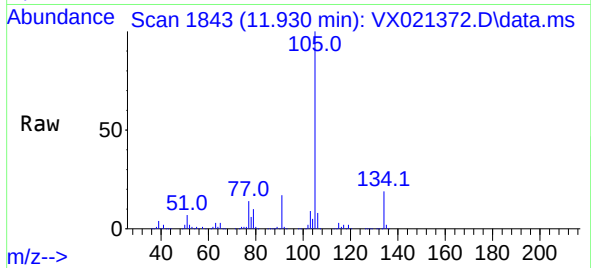
Tgt Ion:105 Resp: 191908  
Ion Ratio Lower Upper  
105 100  
120 42.8 22.4 67.3





#85  
 sec-Butylbenzene  
 Concen: 51.92 ug/l  
 RT: 11.930 min Scan# 1843  
 Delta R.T. -0.000 min  
 Lab File: VX021372.D  
 Acq: 22 Mar 2021 20:34

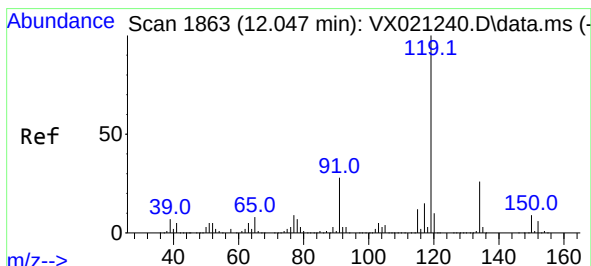
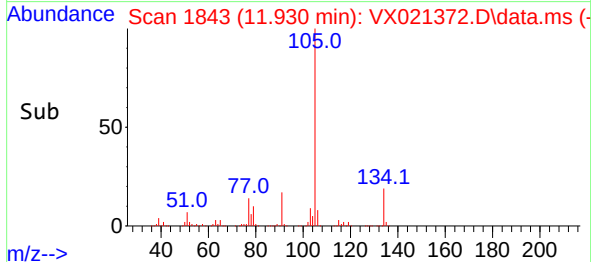
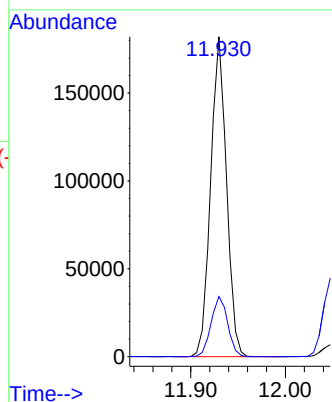
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion:105 Resp: 211550  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 10.0 29.8

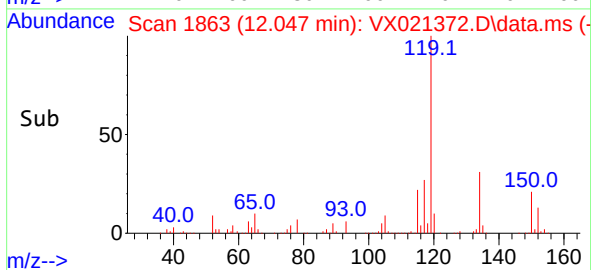
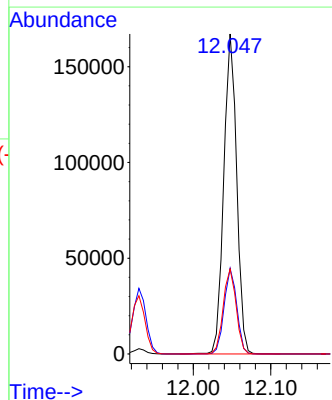
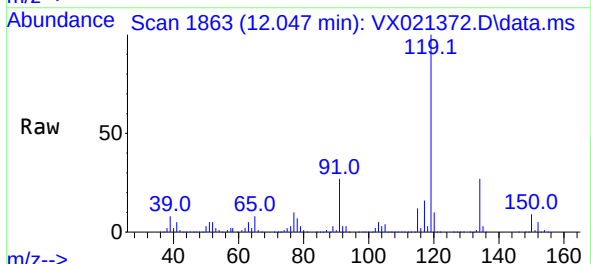
Manual Integrations  
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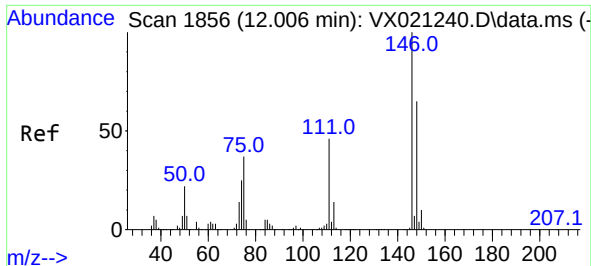
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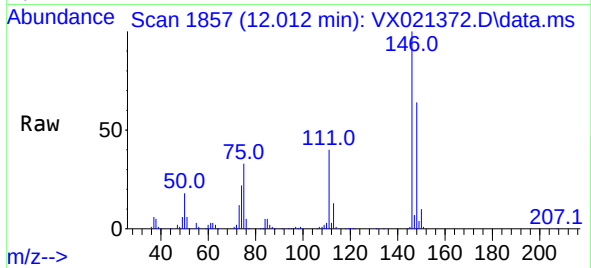
#86  
 p-Isopropyltoluene  
 Concen: 51.96 ug/l  
 RT: 12.047 min Scan# 1863  
 Delta R.T. 0.000 min  
 Lab File: VX021372.D  
 Acq: 22 Mar 2021 20:34

Tgt Ion:119 Resp: 193984  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 12.9 38.7  
 91 26.7 11.7 35.0

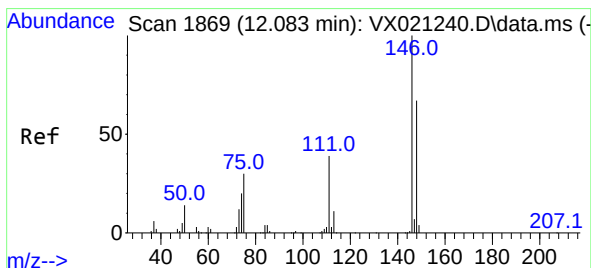
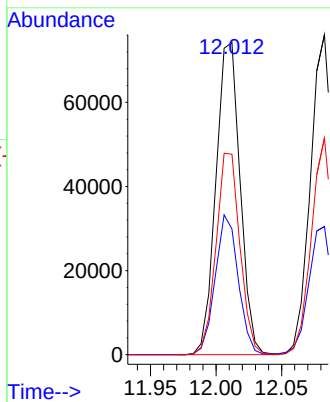
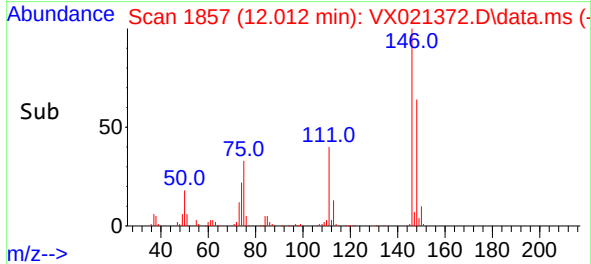




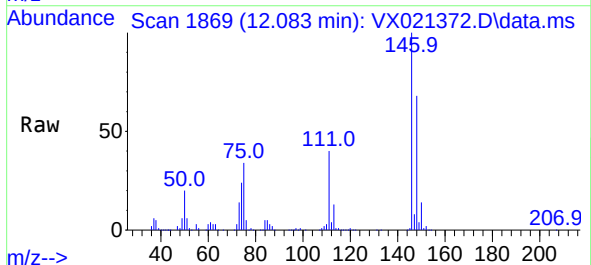
#87  
1,3-Dichlorobenzene  
Concen: 51.36 ug/l  
RT: 12.012 min Scan# 1857  
Delta R.T. 0.006 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



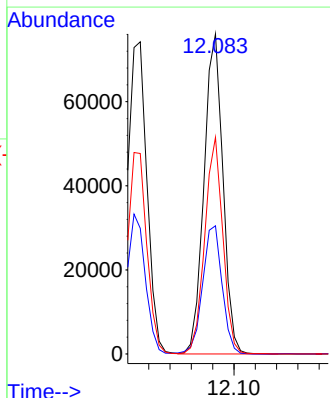
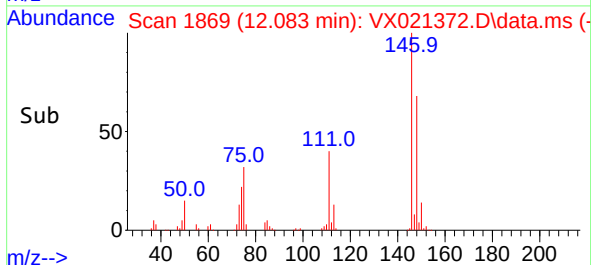
Tgt Ion:146 Resp: 95370  
Ion Ratio Lower Upper  
146 100  
111 42.7 20.2 60.5  
148 63.8 31.9 95.7



#88  
1,4-Dichlorobenzene  
Concen: 49.42 ug/l  
RT: 12.083 min Scan# 1869  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



Tgt Ion:146 Resp: 93860  
Ion Ratio Lower Upper  
146 100  
111 41.5 19.6 58.8  
148 64.7 31.6 95.0

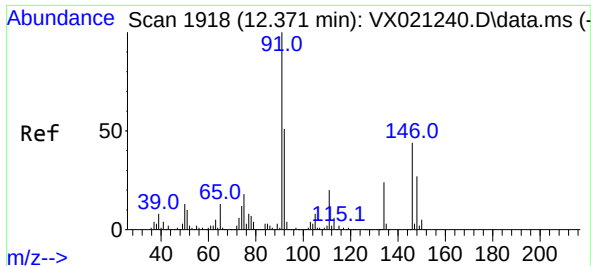


Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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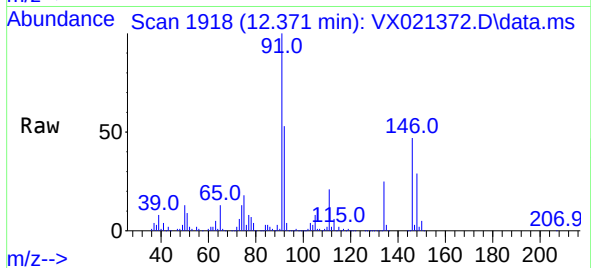
MMDadoda  
3/23/2021 10:48:41 AM





#89  
n-Butylbenzene  
Concen: 50.50 ug/l  
RT: 12.371 min Scan# 1918  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

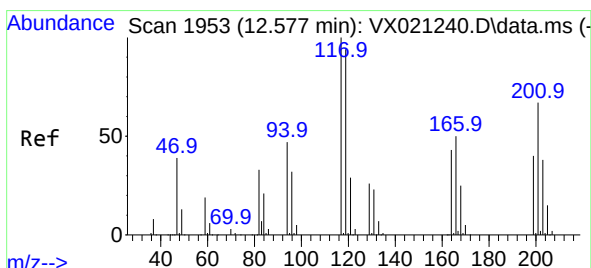
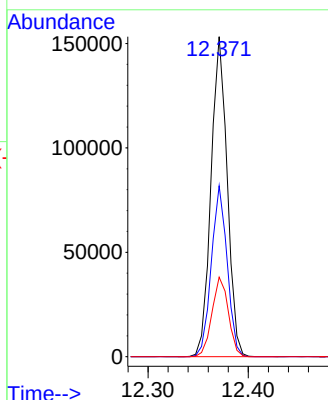
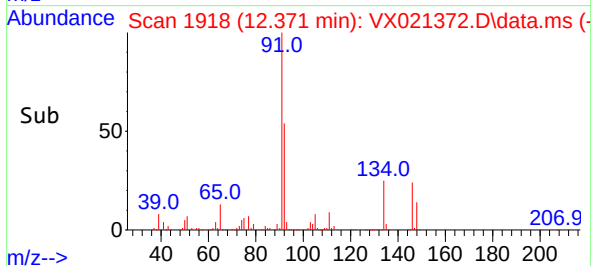
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



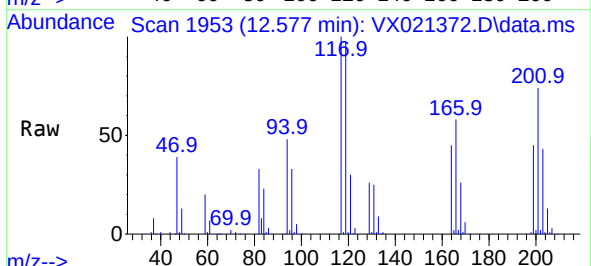
Tgt Ion: 91 Resp: 171817  
Ion Ratio Lower Upper  
91 100  
92 52.2 27.4 82.0  
134 25.2 13.2 39.5

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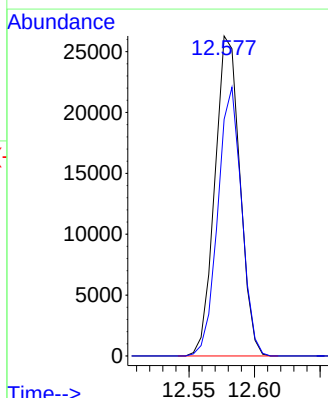
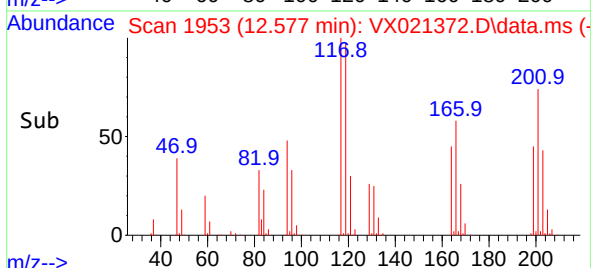
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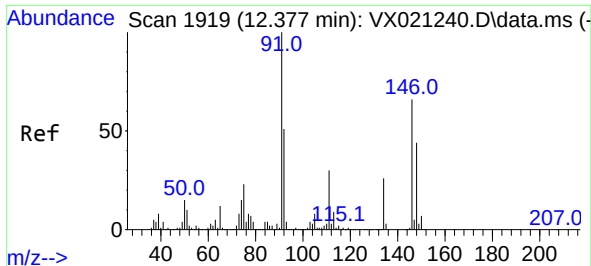


#90  
Hexachloroethane  
Concen: 61.35 ug/l  
RT: 12.577 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

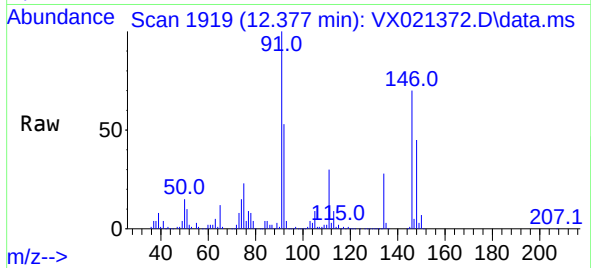


Tgt Ion: 117 Resp: 34883  
Ion Ratio Lower Upper  
117 100  
201 79.7 40.4 121.2

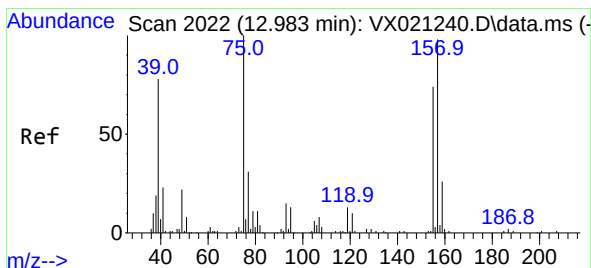
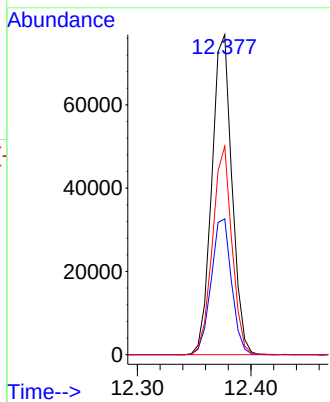
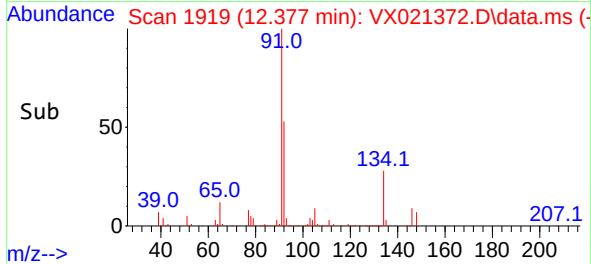




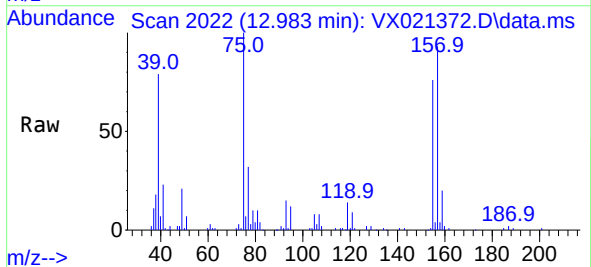
#91  
1,2-Dichlorobenzene  
Concen: 52.31 ug/l  
RT: 12.377 min Scan# 1919  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



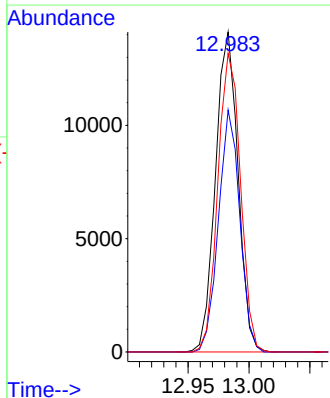
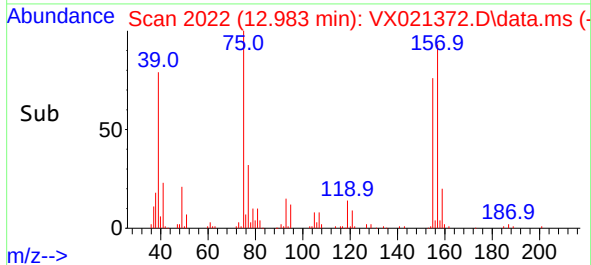
Tgt Ion:146 Resp: 94734  
Ion Ratio Lower Upper  
146 100  
111 43.0 20.8 62.2  
148 63.0 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.78 ug/l  
RT: 12.983 min Scan# 2022  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



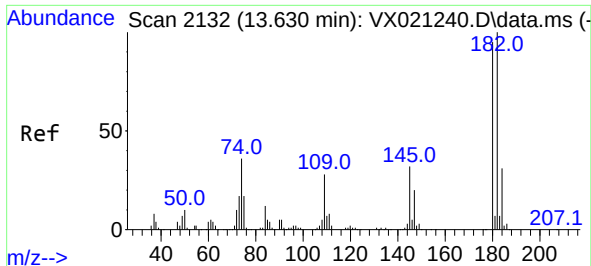
Tgt Ion: 75 Resp: 18187  
Ion Ratio Lower Upper  
75 100  
155 71.6 45.3 135.9  
157 94.0 57.7 173.1



Instrument :  
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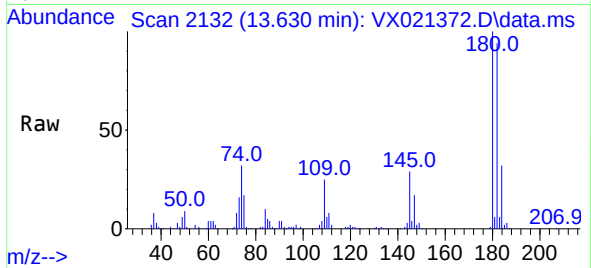
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#93  
1,2,4-Trichlorobenzene  
Concen: 51.50 ug/l  
RT: 13.630 min Scan# 2132  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

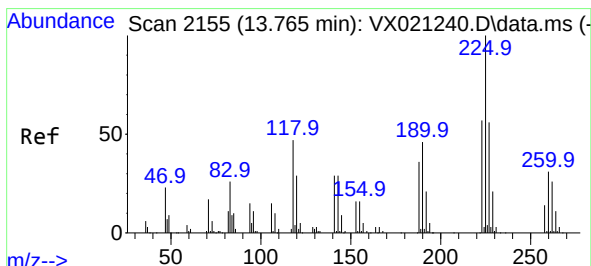
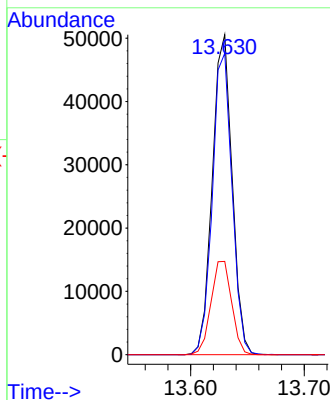
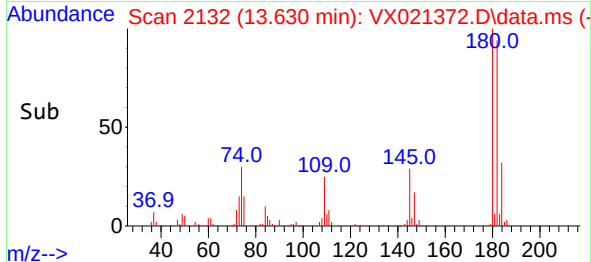
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



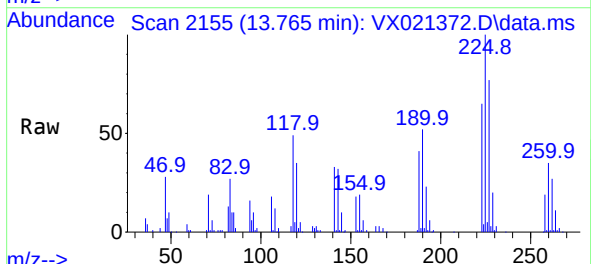
Tgt Ion:180 Resp: 61309  
Ion Ratio Lower Upper  
180 100  
182 93.6 47.7 143.1  
145 30.5 15.0 45.0

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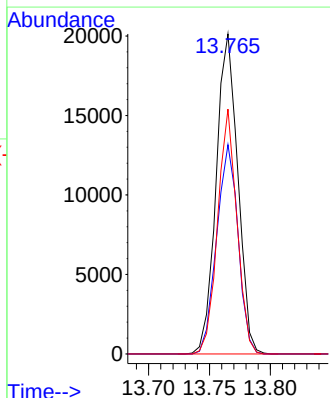
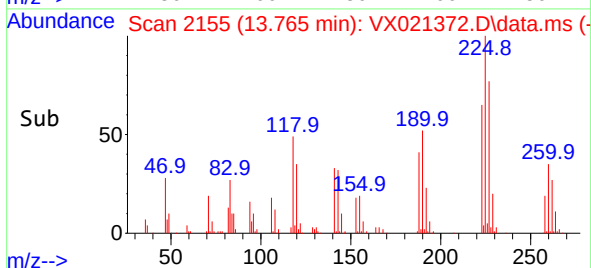
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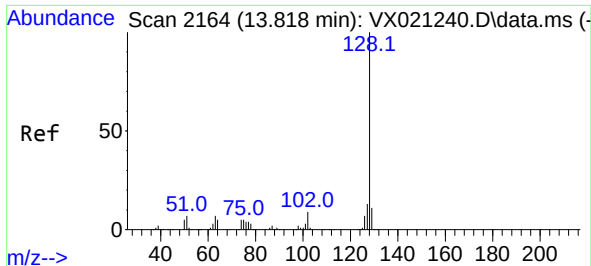


#94  
Hexachlorobutadiene  
Concen: 49.90 ug/l  
RT: 13.765 min Scan# 2155  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34



Tgt Ion:225 Resp: 24930  
Ion Ratio Lower Upper  
225 100  
223 64.3 31.1 93.2  
227 68.1 31.6 95.0





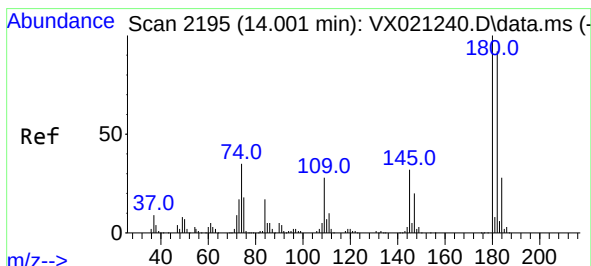
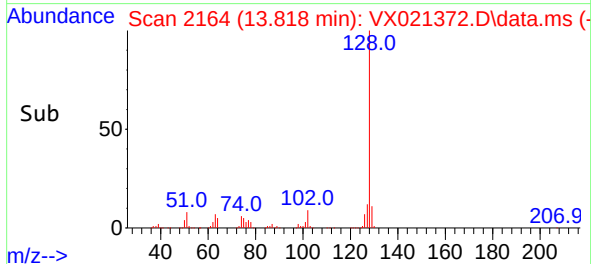
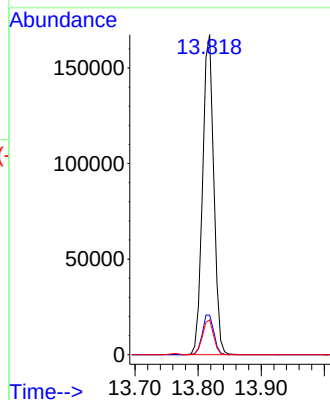
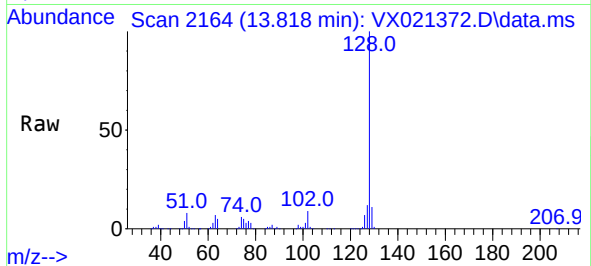
#95  
Naphthalene  
Concen: 50.23 ug/l  
RT: 13.818 min Scan# 2164  
Delta R.T. 0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 205816 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.8  | 10.3  | 15.5   |
| 129       | 10.8  | 8.8   | 13.2   |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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#96  
1,2,3-Trichlorobenzene  
Concen: 50.30 ug/l  
RT: 14.001 min Scan# 2195  
Delta R.T. -0.000 min  
Lab File: VX021372.D  
Acq: 22 Mar 2021 20:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 59648 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 98.7  | 47.6  | 142.9 |
| 145       | 33.1  | 16.1  | 48.3  |

