

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011321\  
 Data File : VX020586.D  
 Acq On : 13 Jan 2021 11:37  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 1/15/2021 10:05:28 AM

Quant Time: Jan 13 14:19:34 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X011121W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 11 15:05:37 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.623  | 168   | 192844   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.824  | 114   | 279623   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.091 | 117   | 238818   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.060 | 152   | 130802   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 6.025  | 65    | 107238   | 46.30    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =      | 92.60%   |
| 35) Dibromofluoromethane     | 5.458  | 113   | 94134    | 48.59    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =      | 97.18%   |
| 50) Toluene-d8               | 8.695  | 98    | 341231   | 49.22    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =      | 98.44%   |
| 62) 4-Bromofluorobenzene     | 11.122 | 95    | 117878   | 48.15    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =      | 96.30%   |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.184  | 85    | 97274    | 51.13    | ug/l   | 100      |
| 3) Chloromethane             | 1.312  | 50    | 85089    | 48.34    | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.392  | 62    | 98027    | 48.56    | ug/l   | 99       |
| 5) Bromomethane              | 1.635  | 94    | 60228    | 44.18    | ug/l   | 95       |
| 6) Chloroethane              | 1.709  | 64    | 64664    | 53.33    | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.916  | 101   | 165123   | 49.40    | ug/l   | 96       |
| 8) Diethyl Ether             | 2.166  | 74    | 56639    | 47.55    | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 2.367  | 101   | 94854    | 50.57    | ug/l   | 96       |
| 10) Methyl Iodide            | 2.489  | 142   | 125249   | 47.88    | ug/l   | 97       |
| 11) Tert butyl alcohol       | 3.019  | 59    | 85039    | 199.38   | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 2.355  | 96    | 88159    | 47.88    | ug/l   | 94       |
| 13) Acrolein                 | 2.270  | 56    | 68599    | 213.67   | ug/l   | 99       |
| 14) Allyl chloride           | 2.702  | 41    | 116759   | 45.64    | ug/l   | 95       |
| 15) Acrylonitrile            | 3.111  | 53    | 235062   | 239.00   | ug/l   | 99       |
| 16) Acetone                  | 2.416  | 43    | 207300   | 262.09   | ug/l   | 100      |
| 17) Carbon Disulfide         | 2.550  | 76    | 240087   | 47.30    | ug/l   | 100      |
| 18) Methyl Acetate           | 2.745  | 43    | 94950    | 46.27    | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 3.160  | 73    | 289831   | 48.53    | ug/l   | 97       |
| 20) Methylene Chloride       | 2.830  | 84    | 101893   | 46.56    | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 3.141  | 96    | 100940   | 48.81    | ug/l   | 91       |
| 22) Diisopropyl ether        | 3.818  | 45    | 253204   | 49.02    | ug/l   | 97       |
| 23) Vinyl Acetate            | 3.781  | 43    | 1073884  | 243.60   | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 3.666  | 63    | 162964   | 47.51    | ug/l   | 99       |
| 25) 2-Butanone               | 4.629  | 43    | 303339   | 242.31   | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 4.543  | 77    | 148320   | 46.49    | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 4.562  | 96    | 111780   | 48.44    | ug/l   | 93       |
| 28) Bromochloromethane       | 4.976  | 49    | 63592    | 45.53    | ug/l   | 83       |
| 29) Tetrahydrofuran          | 5.080  | 42    | 187095   | 245.36   | ug/l   | 94       |
| 30) Chloroform               | 5.165  | 83    | 182816   | 47.66    | ug/l   | 98       |
| 31) Cyclohexane              | 5.543  | 56    | 134631   | 49.46    | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 5.458  | 97    | 165120   | 47.86    | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.763  | 75    | 132376   | 51.81    | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.787  | 43    | 113010   | 48.70    | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.745  | 117   | 148497   | 49.81    | ug/l   | 97       |
| 39) Methylcyclohexane        | 7.439  | 83    | 153257   | 52.52    | ug/l   | 95       |
| 40) Benzene                  | 6.104  | 78    | 393246   | 51.21    | ug/l   | 99       |

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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 1/15/2021 10:05:28 AM

Quant Time: Jan 13 14:19:34 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X011121W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 11 15:05:37 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.995  | 41   | 61424    | 50.57   | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 6.153  | 62   | 138770   | 50.69   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.403  | 43   | 176302   | 49.00   | ug/l   | 98       |
| 44) Trichloroethene           | 7.183  | 130  | 112910   | 49.48   | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 7.488  | 63   | 95712    | 50.81   | ug/l   | 98       |
| 46) Dibromomethane            | 7.634  | 93   | 71669    | 50.11   | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.872  | 83   | 146828   | 50.29   | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.744  | 41   | 89230    | 51.02   | ug/l   | 95       |
| 49) 1,4-Dioxane               | 7.732  | 88   | 45121    | 1023.42 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 8.616  | 43   | 576221   | 258.23  | ug/l   | 98       |
| 52) Toluene                   | 8.762  | 92   | 255088   | 52.24   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 9.018  | 75   | 149011   | 50.12   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.409  | 75   | 162287   | 50.97   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.195  | 97   | 108598   | 52.64   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.159  | 69   | 143428   | 53.62   | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 9.348  | 76   | 153792   | 45.87   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.287  | 63   | 345317   | 246.67  | ug/l   | 95       |
| 59) 2-Hexanone                | 9.469  | 43   | 386141   | 230.83  | ug/l   | 93       |
| 60) Dibromochloromethane      | 9.561  | 129  | 105167   | 45.13   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.652  | 107  | 100943   | 45.86   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.317  | 164  | 109174   | 50.61   | ug/l   | 96       |
| 65) Chlorobenzene             | 10.116 | 112  | 251909   | 50.12   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.201 | 131  | 96525    | 50.31   | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.232 | 91   | 438040   | 52.94   | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.341 | 106  | 343806   | 107.81  | ug/l   | 98       |
| 69) o-Xylene                  | 10.683 | 106  | 156507   | 53.27   | ug/l   | 100      |
| 70) Styrene                   | 10.695 | 104  | 277084   | 55.25   | ug/l   | 98       |
| 71) Bromoform                 | 10.841 | 173  | 80362    | 51.62   | ug/l # | 100      |
| 73) Isopropylbenzene          | 11.000 | 105  | 440536   | 49.95   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.878 | 43   | 123987   | 40.08   | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 11.250 | 83   | 136534   | 47.53   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.280 | 75   | 131652m  | 47.78   | ug/l   |          |
| 77) Bromobenzene              | 11.237 | 156  | 112989   | 47.82   | ug/l   | 93       |
| 78) n-propylbenzene           | 11.341 | 91   | 501115   | 51.41   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.402 | 91   | 299552   | 49.81   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.487 | 105  | 383206   | 51.86   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.055 | 75   | 45017    | 44.51   | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 11.493 | 91   | 354863   | 49.73   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.756 | 119  | 358393   | 50.49   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.792 | 105  | 396690   | 53.70   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.926 | 105  | 428799   | 51.77   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.048 | 119  | 411502   | 53.50   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 12.006 | 146  | 207736   | 48.11   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.079 | 146  | 209844   | 47.40   | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.371 | 91   | 351741   | 52.84   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.579 | 117  | 75465    | 52.02   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.371 | 146  | 206246   | 48.37   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.981 | 75   | 35050    | 51.97   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.627 | 180  | 149355   | 52.54   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.761 | 225  | 72445    | 49.93   | ug/l   | 99       |
| 95) Naphthalene               | 13.816 | 128  | 467189   | 48.41   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.999 | 180  | 151716   | 52.48   | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011321\  
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Acq On : 13 Jan 2021 11:37  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

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1/15/2021 10:05:28 AM

Quant Time: Jan 13 14:19:34 2021  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X011121W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jan 11 15:05:37 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

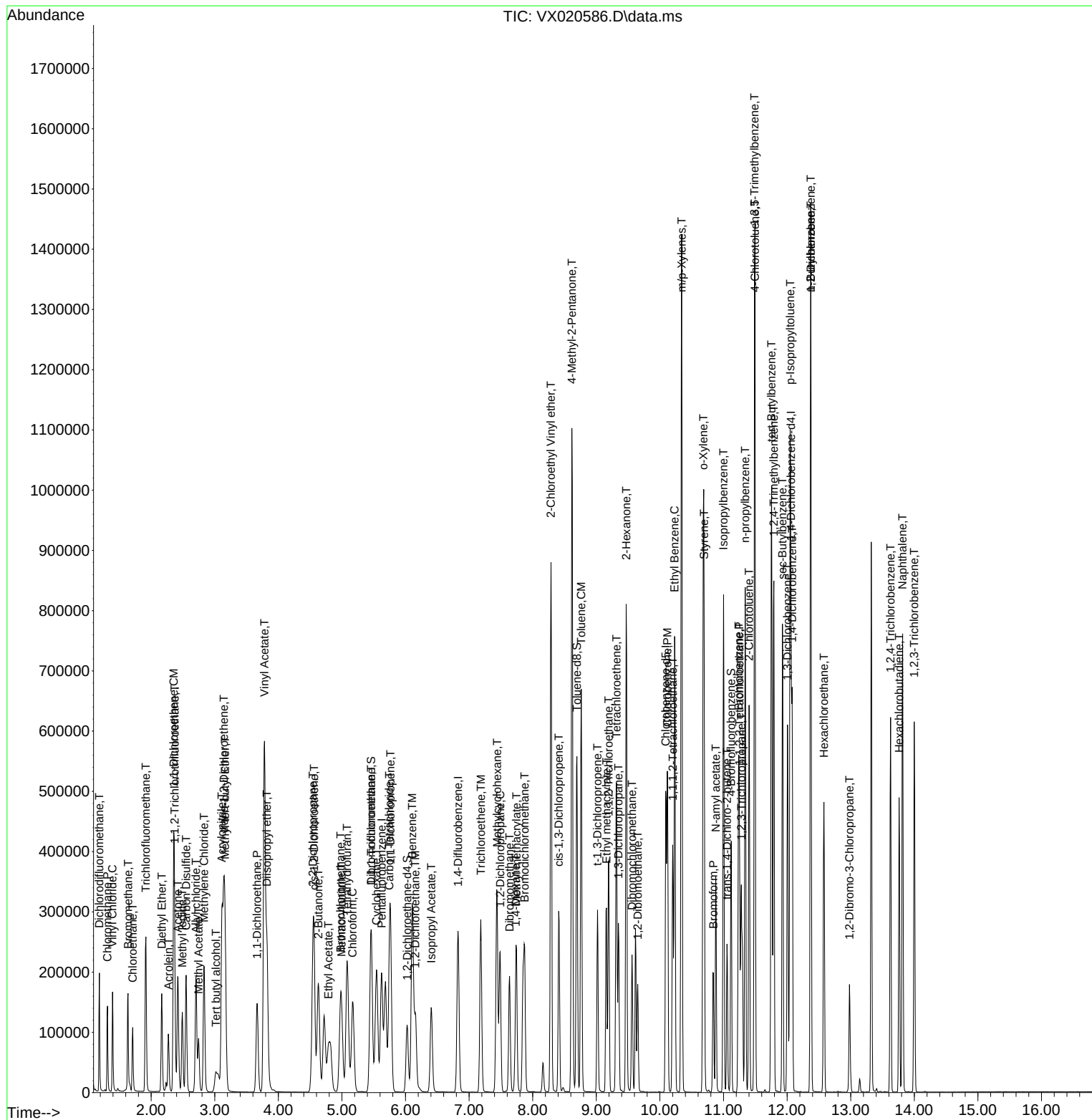
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 Data File : VX020586.D  
 Acq On : 13 Jan 2021 11:37  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

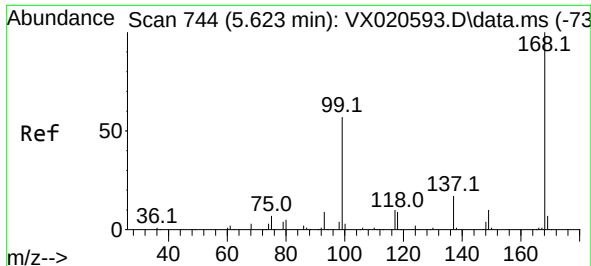
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
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 Quant Title : SW846 8260  
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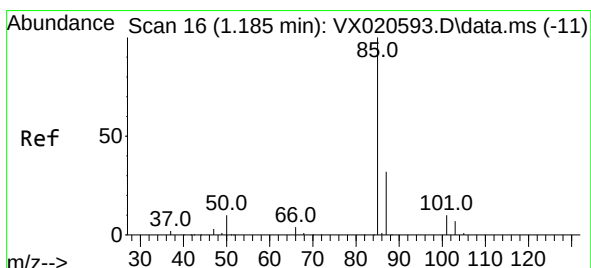
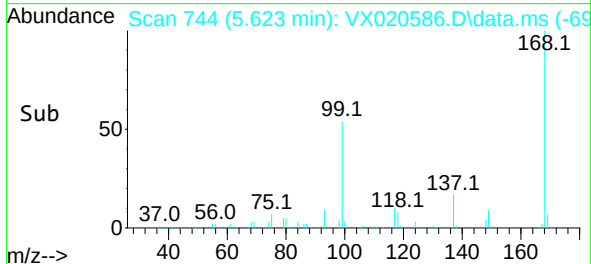
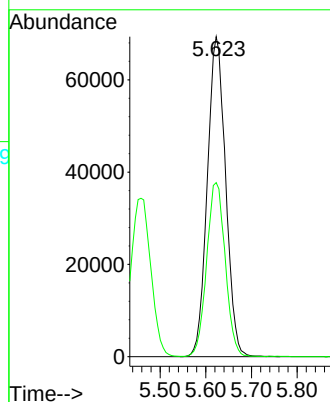
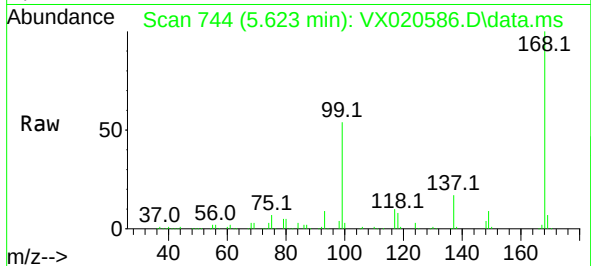
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.623 min Scan# 744  
Delta R.T. -0.006 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 168 Resp: 192844  
Ion Ratio Lower Upper  
168 100  
99 54.3 45.8 68.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

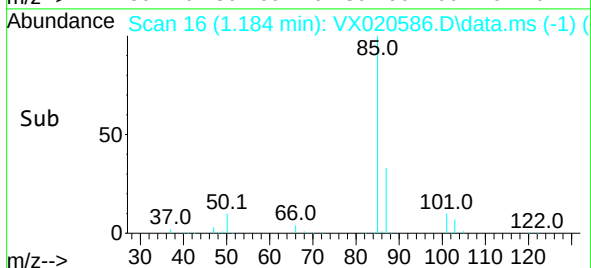
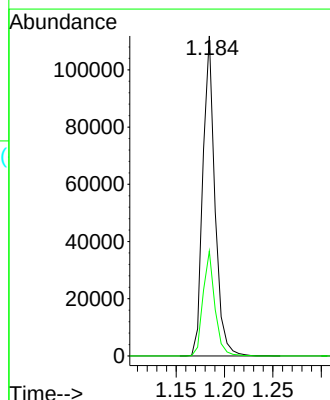
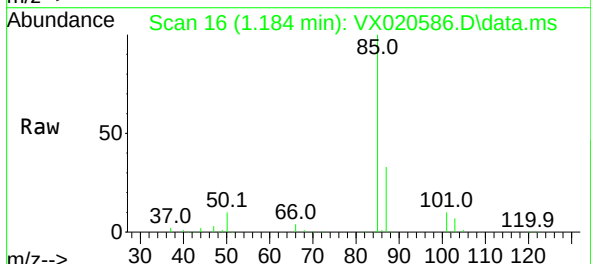
Manual Integrations  
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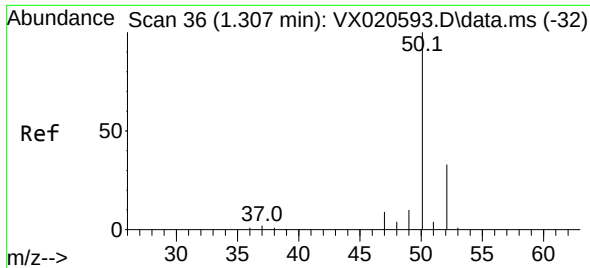
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1/15/2021 10:05:28 AM



#2  
Dichlorodifluoromethane  
Concen: 51.13 ug/l  
RT: 1.184 min Scan# 16  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 85 Resp: 97274  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.4 49.2





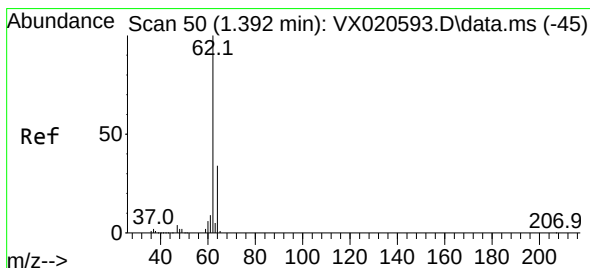
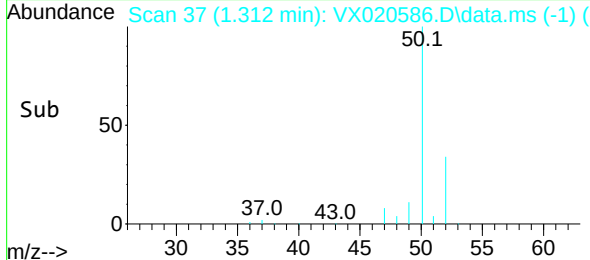
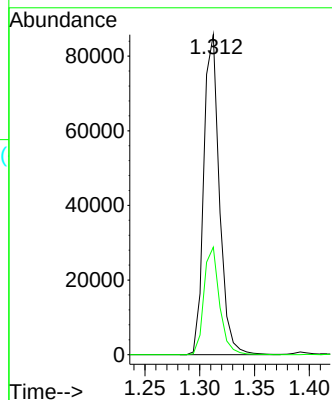
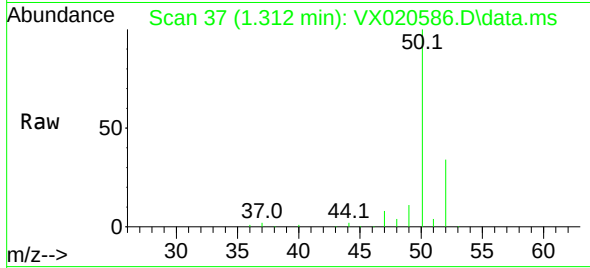
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Chloromethane  
Concen: 48.34 ug/l  
RT: 1.312 min Scan# 37  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 50 Resp: 85089  
Ion Ratio Lower Upper  
50 100  
52 33.6 26.4 39.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

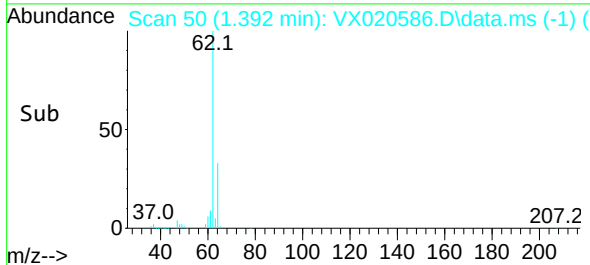
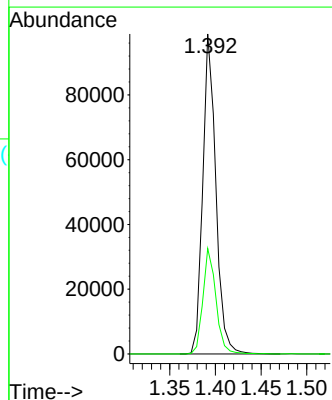
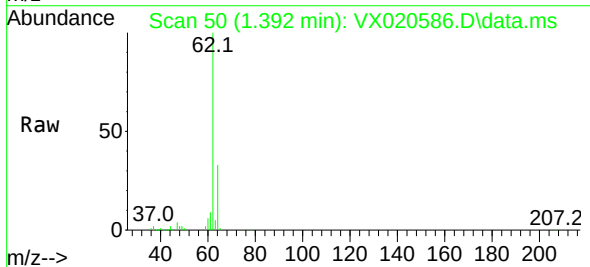
Manual Integrations  
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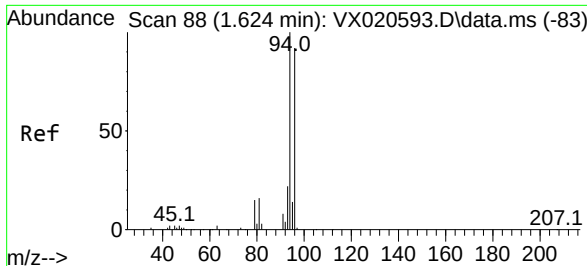
MMDadoda  
1/15/2021 10:05:28 AM



#4  
Vinyl Chloride  
Concen: 48.56 ug/l  
RT: 1.392 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

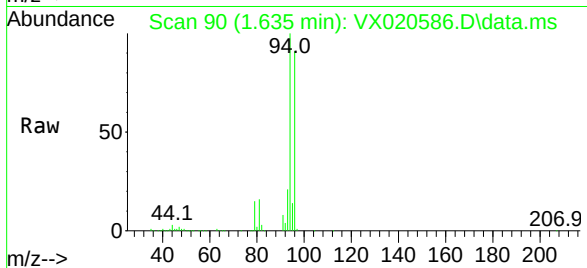
Tgt Ion: 62 Resp: 98027  
Ion Ratio Lower Upper  
62 100  
64 32.9 25.7 38.5





#5  
Bromomethane  
Concen: 44.18 ug/l  
RT: 1.635 min Scan# 90  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

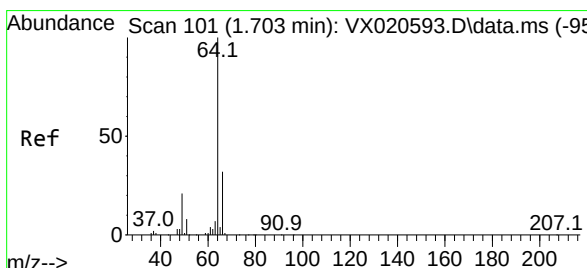
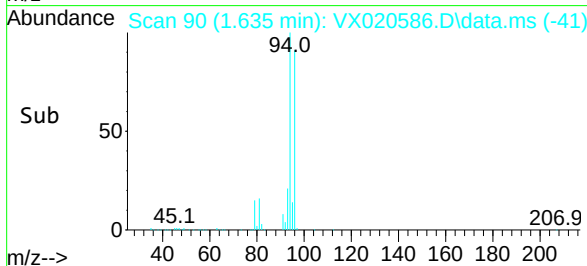
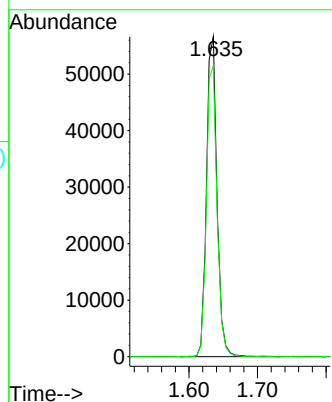
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 94 Resp: 60228  
Ion Ratio Lower Upper  
94 100  
96 90.8 76.4 114.6

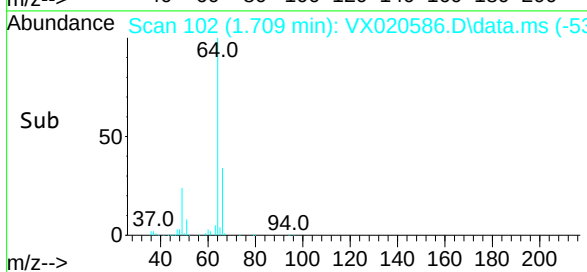
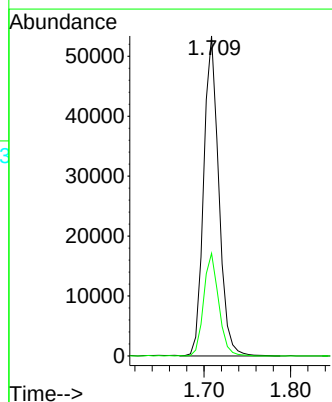
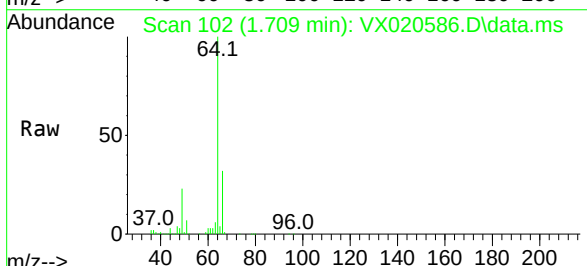
Manual Integrations  
APPROVED

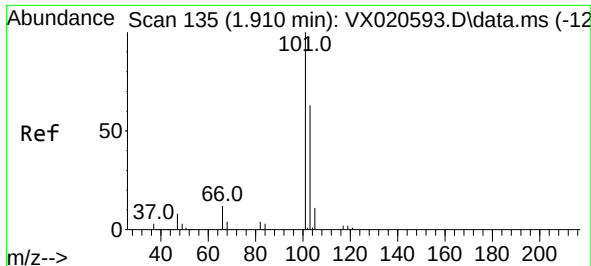
MMDadoda  
1/15/2021 10:05:28 AM



#6  
Chloroethane  
Concen: 53.33 ug/l  
RT: 1.709 min Scan# 102  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

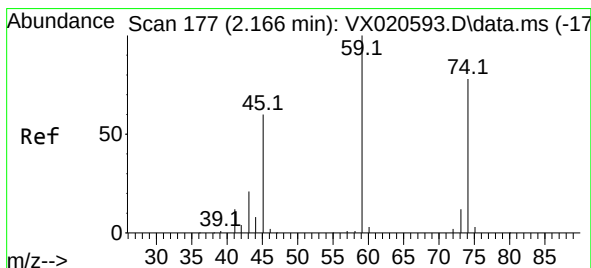
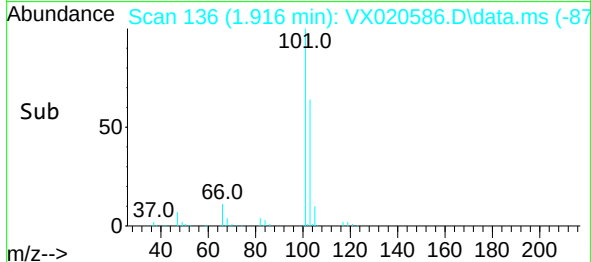
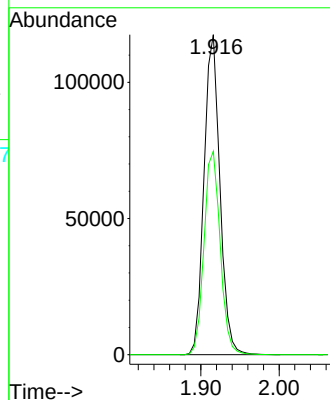
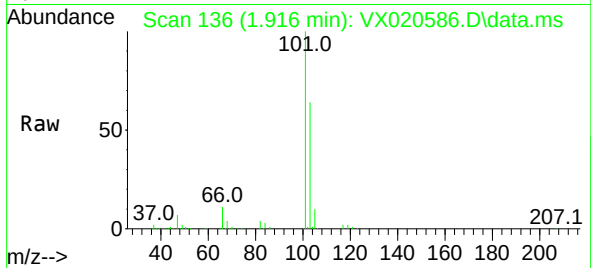
Tgt Ion: 64 Resp: 64664  
Ion Ratio Lower Upper  
64 100  
66 32.0 25.4 38.0





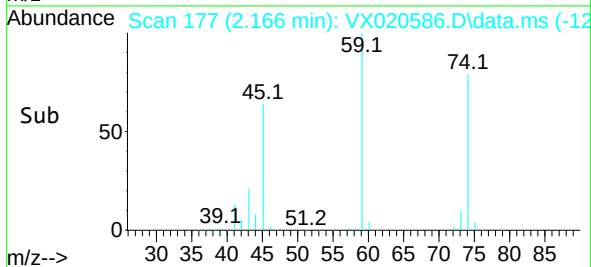
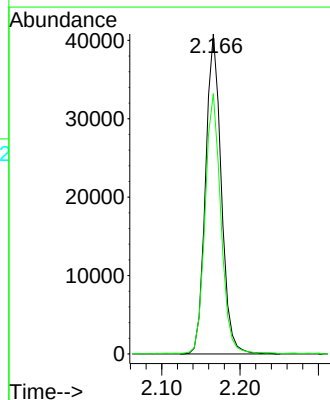
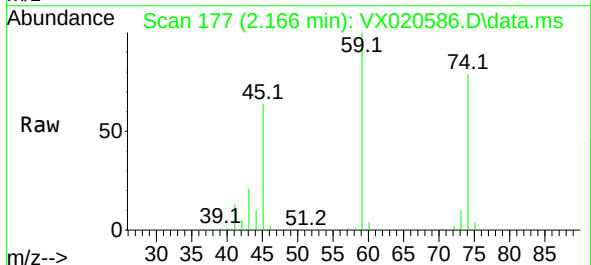
#7  
Trichlorofluoromethane  
Concen: 49.40 ug/l  
RT: 1.916 min Scan# 136  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion:101 Resp: 165123  
Ion Ratio Lower Upper  
101 100  
103 63.6 53.2 79.8



#8  
Diethyl Ether  
Concen: 47.55 ug/l  
RT: 2.166 min Scan# 177  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 74 Resp: 56639  
Ion Ratio Lower Upper  
74 100  
45 82.7 44.5 133.5

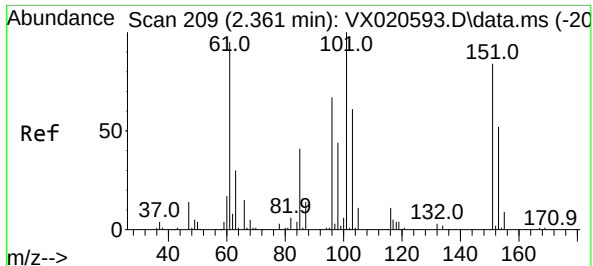


Instrument :  
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ClientSampleId :  
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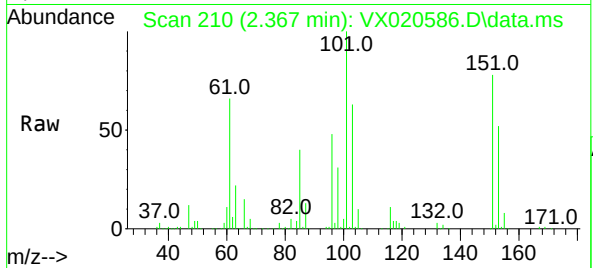
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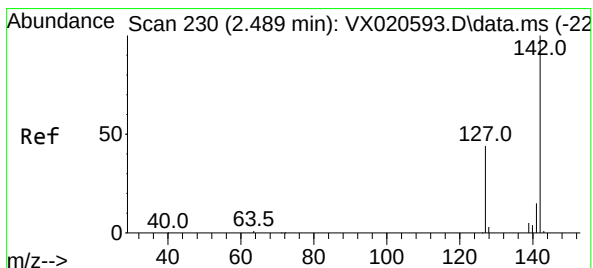
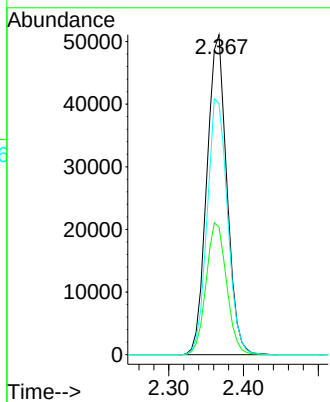
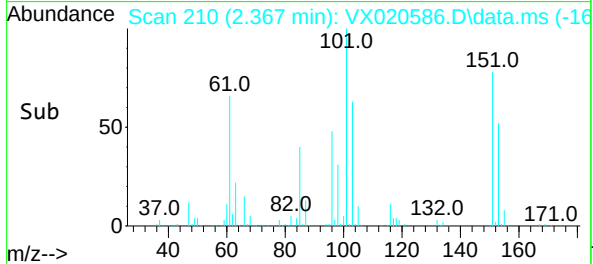




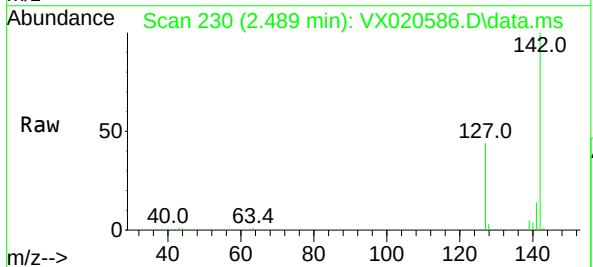
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.57 ug/l  
RT: 2.367 min Scan# 210  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



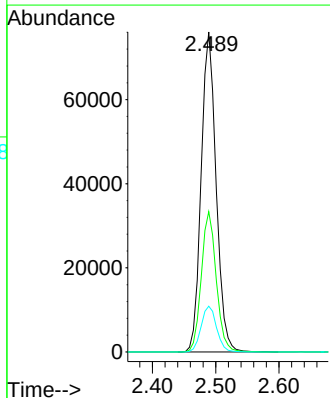
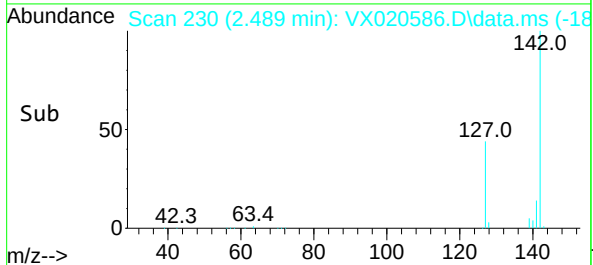
Tgt Ion:101 Resp: 94854  
Ion Ratio Lower Upper  
101 100  
85 42.2 34.9 52.3  
151 81.7 61.4 92.2



#10  
Methyl Iodide  
Concen: 47.88 ug/l  
RT: 2.489 min Scan# 230  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



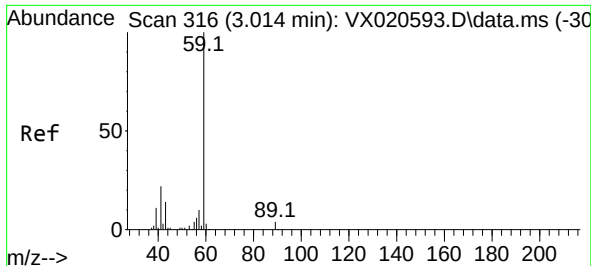
Tgt Ion:142 Resp: 125249  
Ion Ratio Lower Upper  
142 100  
127 43.7 33.3 49.9  
141 14.8 11.4 17.0



Instrument :  
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ClientSampleId :  
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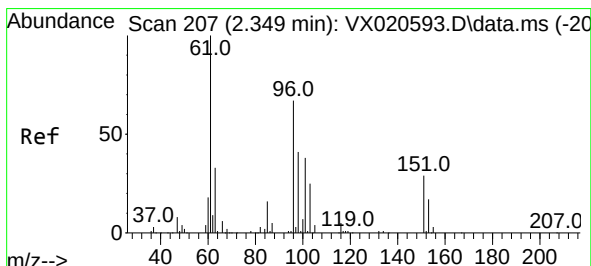
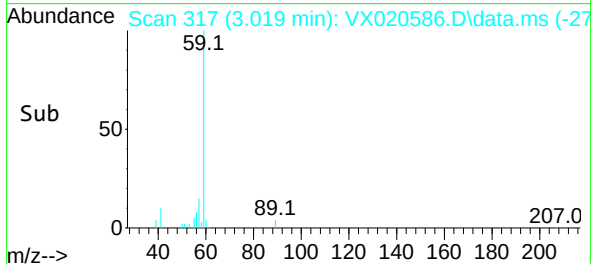
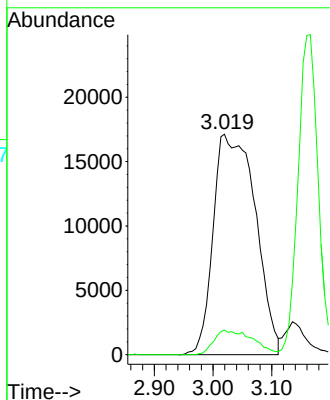
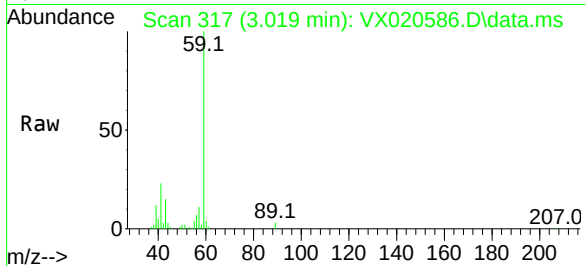
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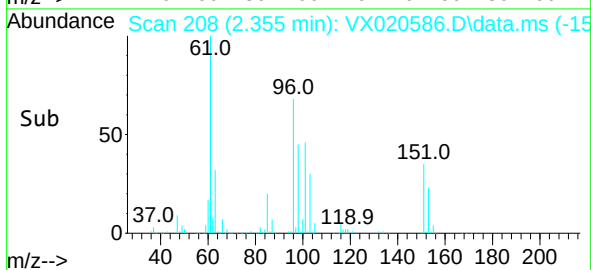
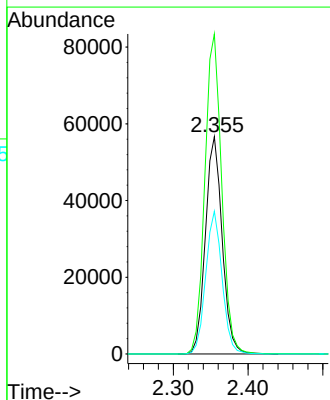
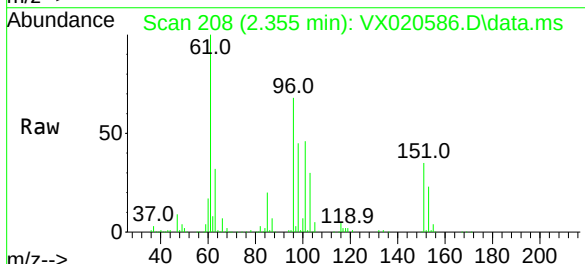
#11  
Tert butyl alcohol  
Concen: 199.38 ug/l  
RT: 3.019 min Scan# 317  
Delta R.T. -0.019 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 59 Resp: 85039  
Ion Ratio Lower Upper  
59 100  
57 10.3 7.8 11.8



#12  
1,1-Dichloroethene  
Concen: 47.88 ug/l  
RT: 2.355 min Scan# 208  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

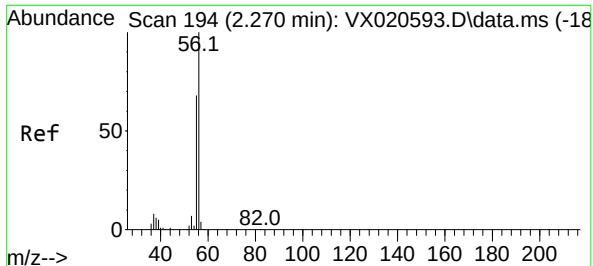
Tgt Ion: 96 Resp: 88159  
Ion Ratio Lower Upper  
96 100  
61 147.3 124.6 187.0  
98 65.7 50.6 76.0



Instrument :  
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ClientSampleId :  
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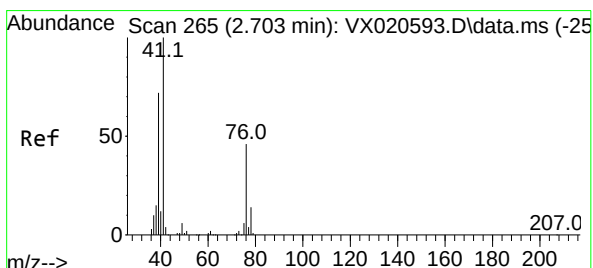
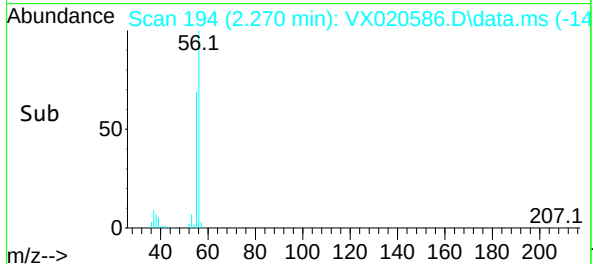
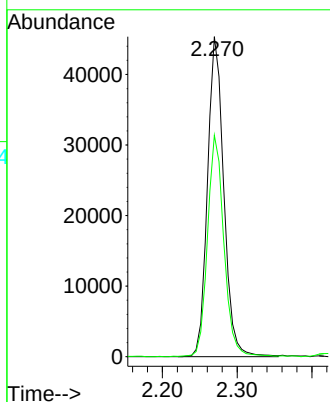
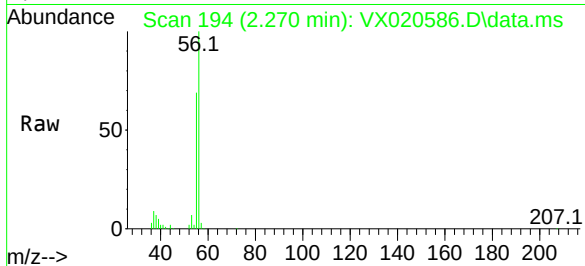
#13  
Acrolein  
Concen: 213.67 ug/l  
RT: 2.270 min Scan# 194  
Delta R.T. -0.006 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 56 Resp: 68599  
Ion Ratio Lower Upper  
56 100  
55 69.8 56.4 84.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

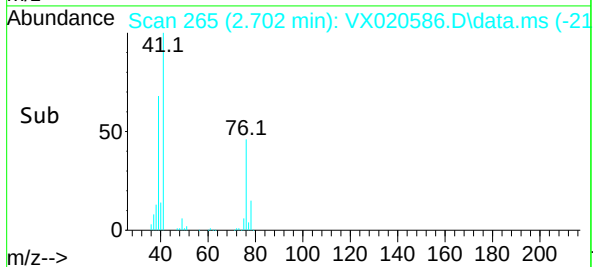
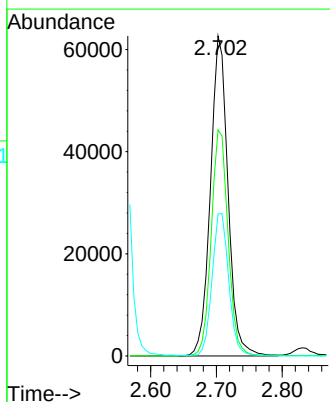
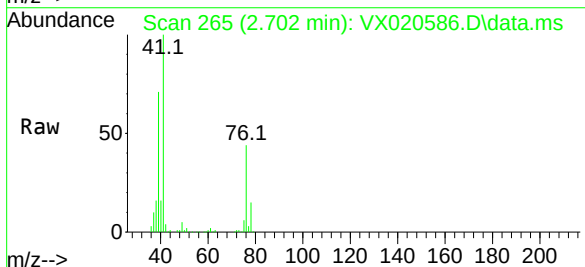
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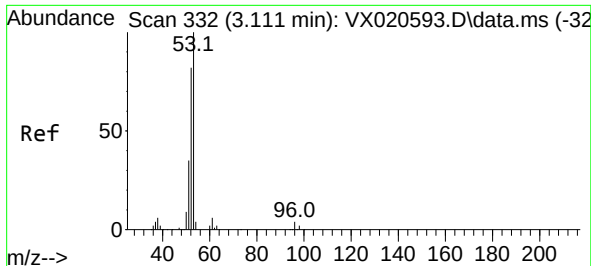
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#14  
Allyl chloride  
Concen: 45.64 ug/l  
RT: 2.702 min Scan# 265  
Delta R.T. -0.007 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 41 Resp: 116759  
Ion Ratio Lower Upper  
41 100  
39 67.7 51.6 77.4  
76 42.3 30.5 45.7





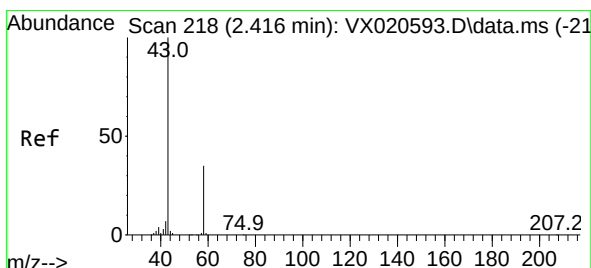
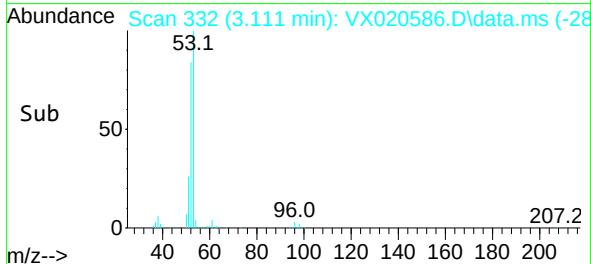
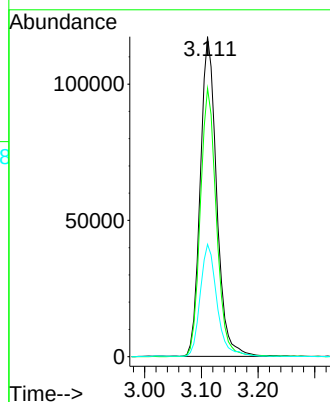
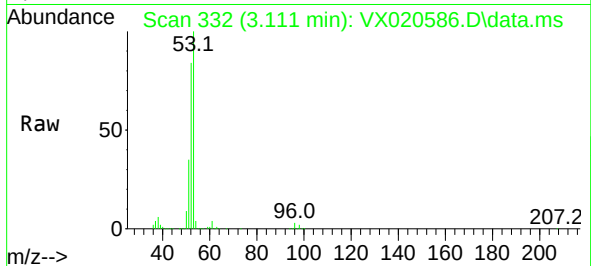
#15  
Acrylonitrile  
Concen: 239.00 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. -0.006 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 53 Resp: 235062  
Ion Ratio Lower Upper  
53 100  
52 82.8 65.3 97.9  
51 36.0 28.2 42.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
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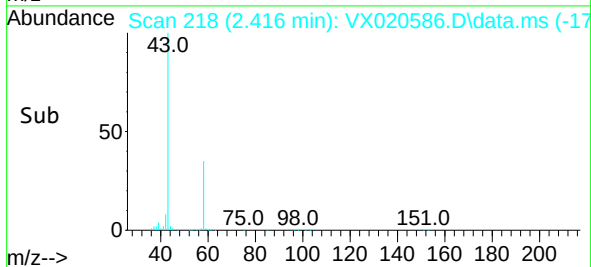
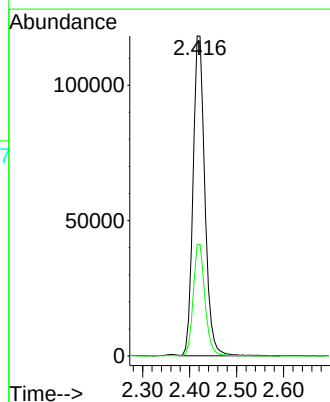
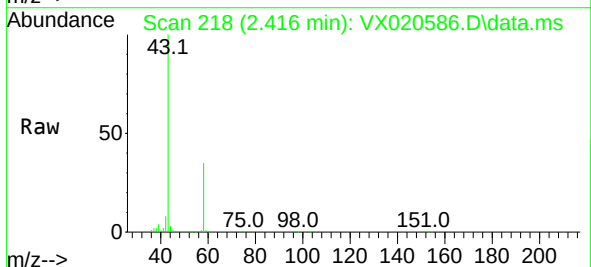
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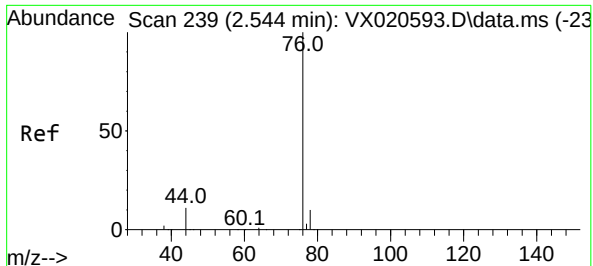
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#16  
Acetone  
Concen: 262.09 ug/l  
RT: 2.416 min Scan# 218  
Delta R.T. -0.012 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

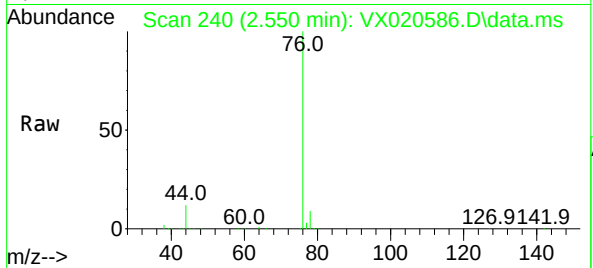
Tgt Ion: 43 Resp: 207300  
Ion Ratio Lower Upper  
43 100  
58 34.8 27.8 41.8





#17  
Carbon Disulfide  
Concen: 47.30 ug/l  
RT: 2.550 min Scan# 240  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

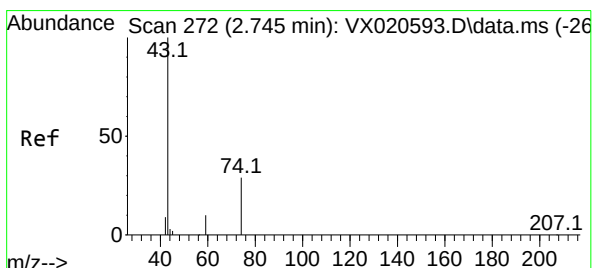
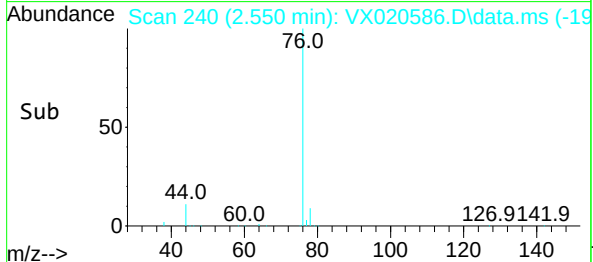
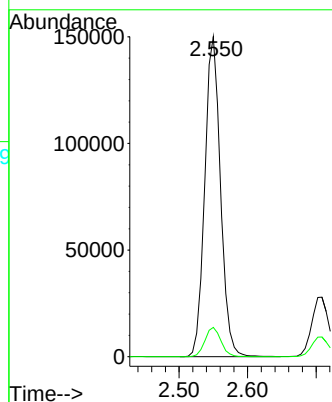
Instrument :  
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ClientSampleId :  
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Tgt Ion: 76 Resp: 240087  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.2 10.8

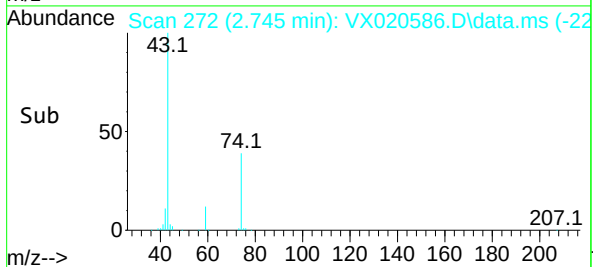
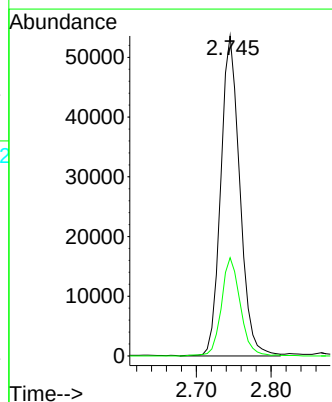
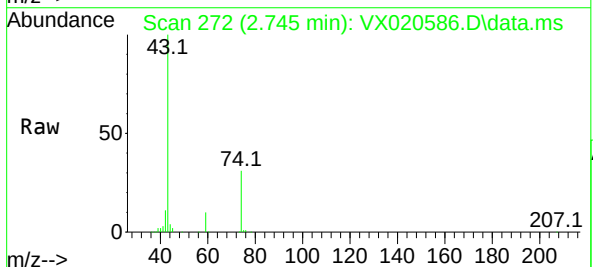
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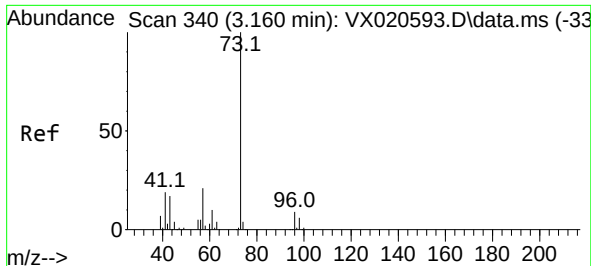
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#18  
Methyl Acetate  
Concen: 46.27 ug/l  
RT: 2.745 min Scan# 272  
Delta R.T. 0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 43 Resp: 94950  
Ion Ratio Lower Upper  
43 100  
74 30.5 21.9 32.9





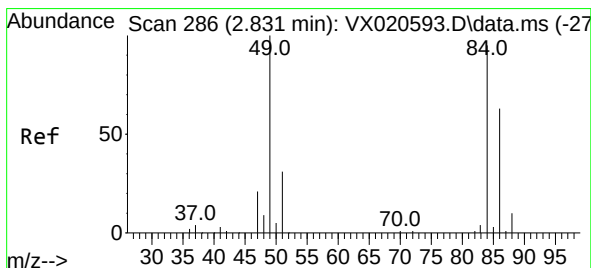
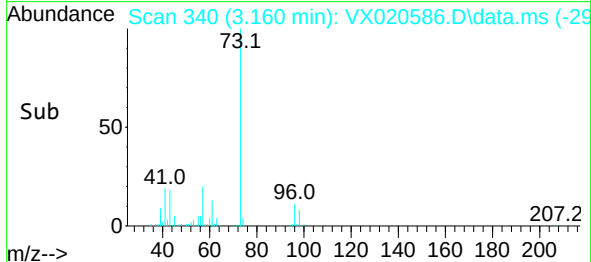
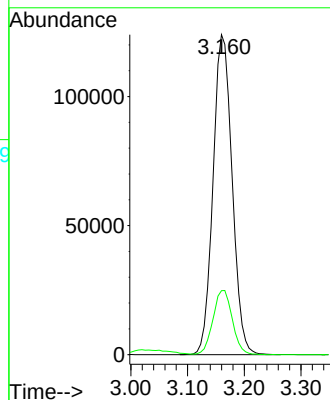
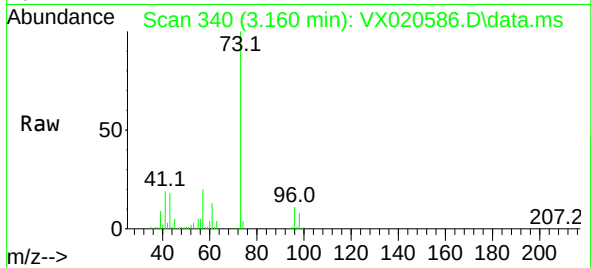
#19  
Methyl tert-butyl Ether  
Concen: 48.53 ug/l  
RT: 3.160 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 73 Resp: 289831  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.1 25.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

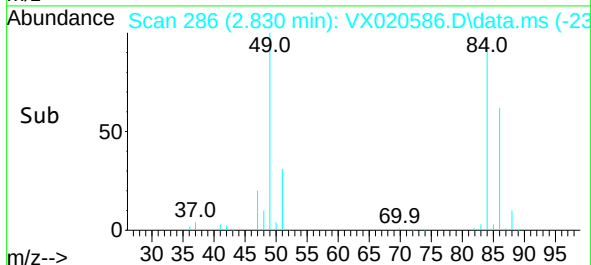
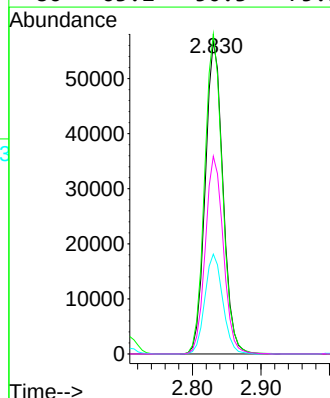
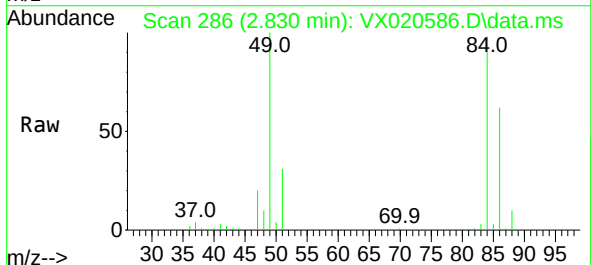
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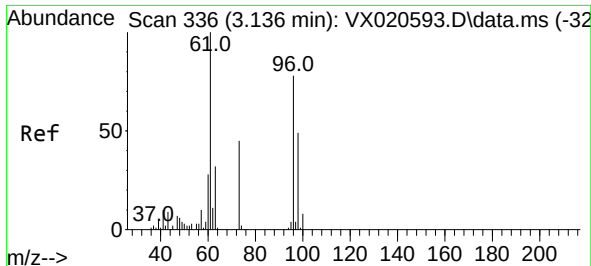
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#20  
Methylene Chloride  
Concen: 46.56 ug/l  
RT: 2.830 min Scan# 286  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 84 Resp: 101893  
Ion Ratio Lower Upper  
84 100  
49 102.3 88.6 132.8  
51 31.9 27.0 40.6  
86 63.2 50.3 75.5





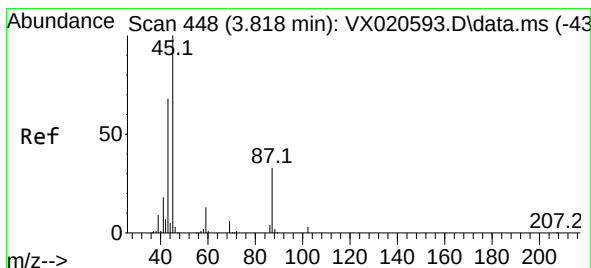
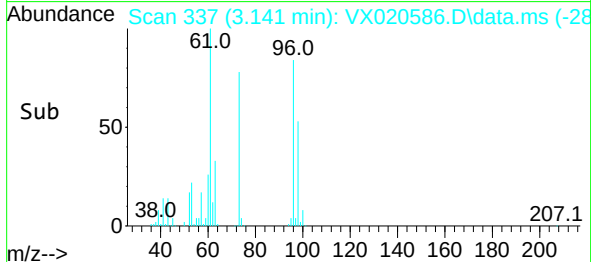
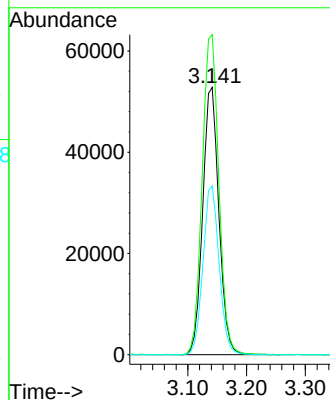
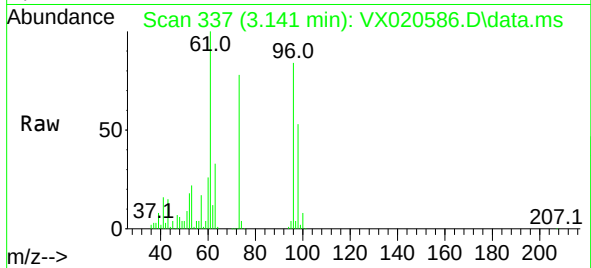
#21  
trans-1,2-Dichloroethene  
Concen: 48.81 ug/l  
RT: 3.141 min Scan# 337  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 96 Resp: 100940  
Ion Ratio Lower Upper  
96 100  
61 119.7 107.7 161.5  
98 63.2 50.4 75.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

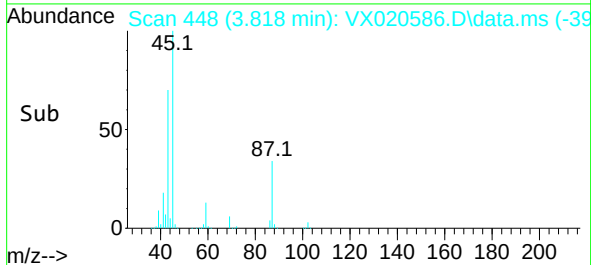
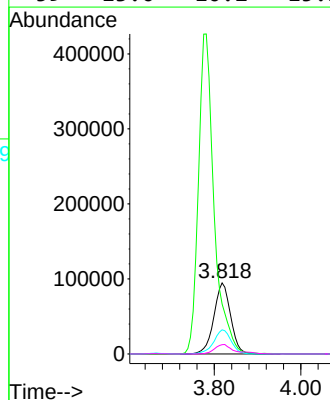
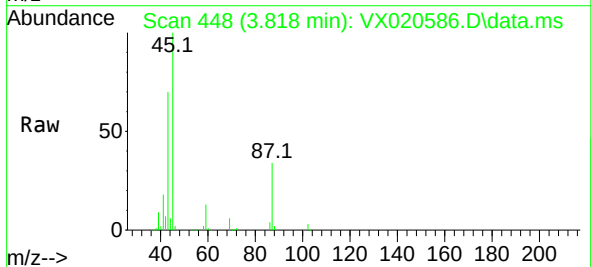
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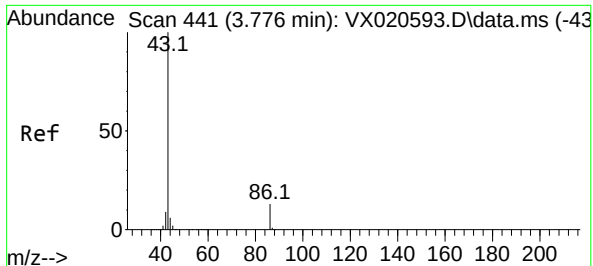
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#22  
Diisopropyl ether  
Concen: 49.02 ug/l  
RT: 3.818 min Scan# 448  
Delta R.T. 0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 45 Resp: 253204  
Ion Ratio Lower Upper  
45 100  
43 70.0 58.0 87.0  
87 34.1 25.4 38.0  
59 13.0 10.2 15.2





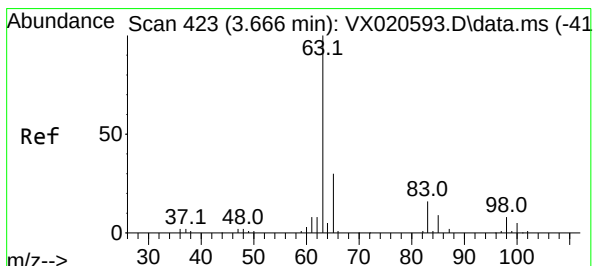
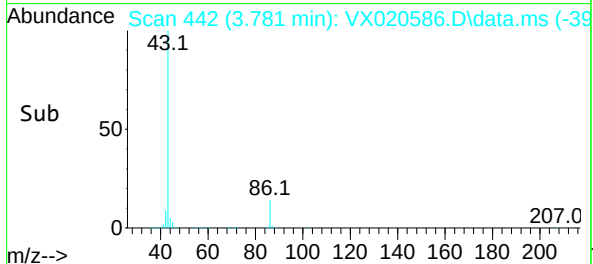
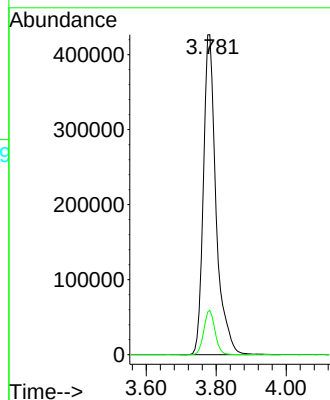
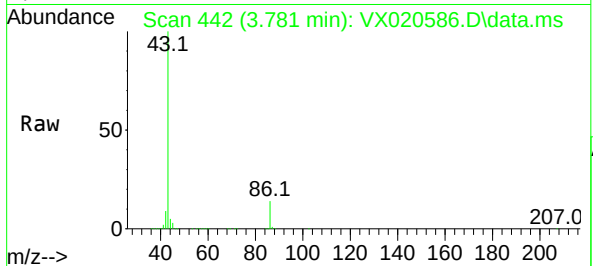
#23  
 Vinyl Acetate  
 Concen: 243.60 ug/l  
 RT: 3.781 min Scan# 442  
 Delta R.T. -0.001 min  
 Lab File: VX020586.D  
 Acq: 13 Jan 2021 11:37

Tgt Ion: 43 Resp: 1073884  
 Ion Ratio Lower Upper  
 43 100  
 86 13.8 9.9 14.9

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

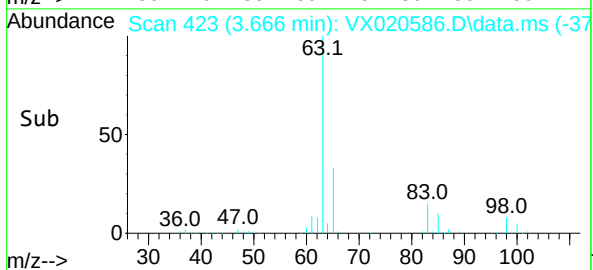
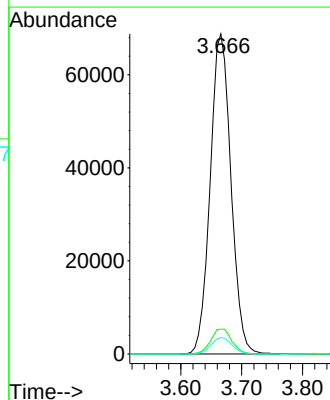
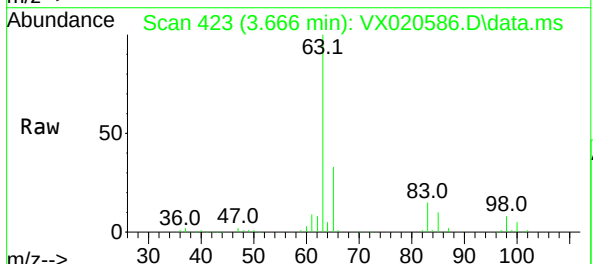
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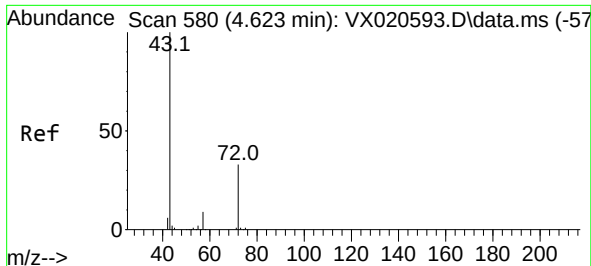


#24  
 1,1-Dichloroethane  
 Concen: 47.51 ug/l  
 RT: 3.666 min Scan# 423  
 Delta R.T. -0.000 min  
 Lab File: VX020586.D  
 Acq: 13 Jan 2021 11:37

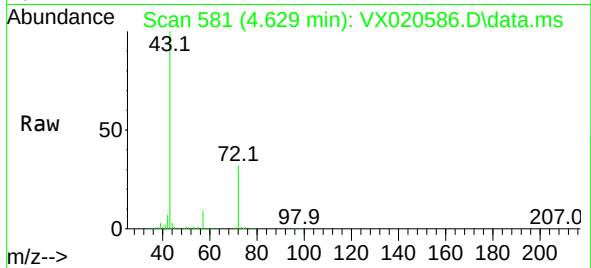
Tgt Ion: 63 Resp: 162964  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 3.8 11.2  
 100 5.2 2.5 7.5



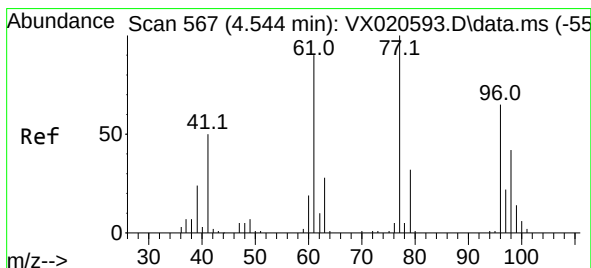
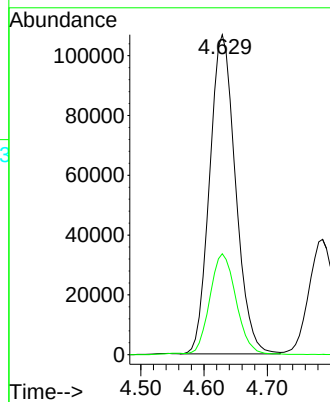
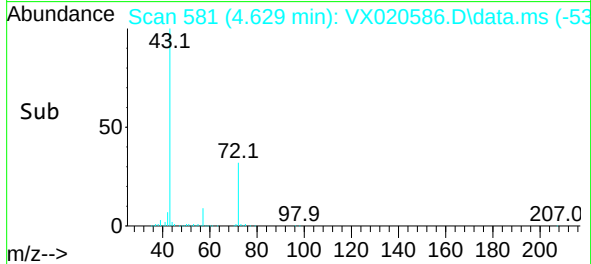




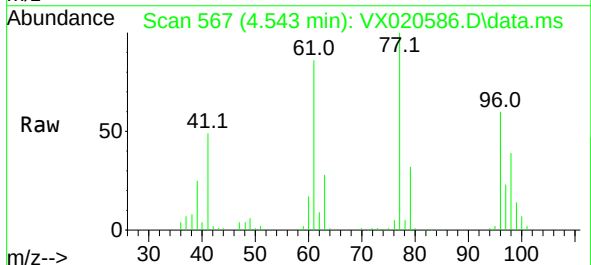
#25  
2-Butanone  
Concen: 242.31 ug/l  
RT: 4.629 min Scan# 581  
Delta R.T. -0.006 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



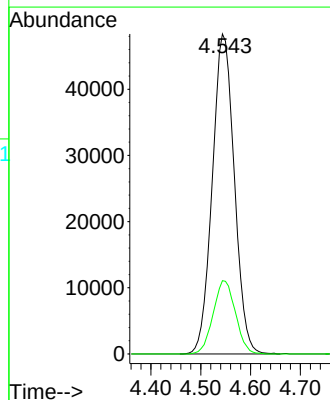
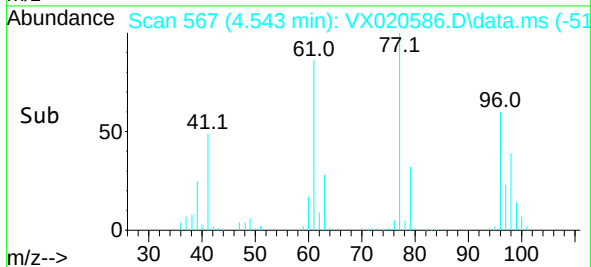
Tgt Ion: 43 Resp: 303339  
Ion Ratio Lower Upper  
43 100  
72 31.4 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 46.49 ug/l  
RT: 4.543 min Scan# 567  
Delta R.T. -0.006 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



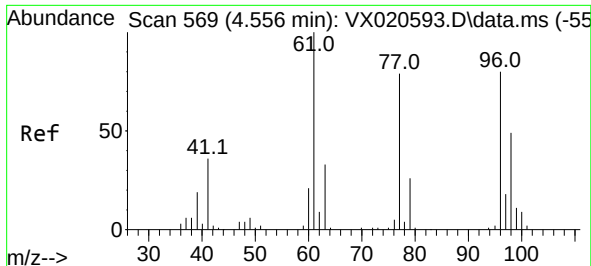
Tgt Ion: 77 Resp: 148320  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.7 35.1



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

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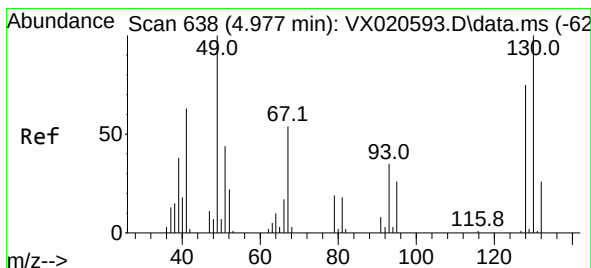
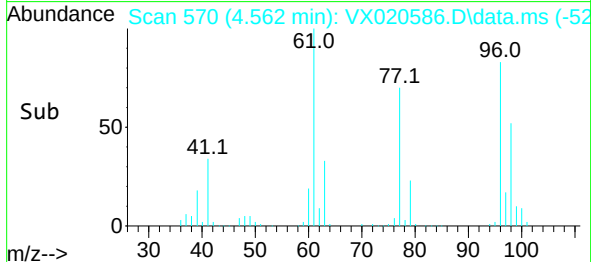
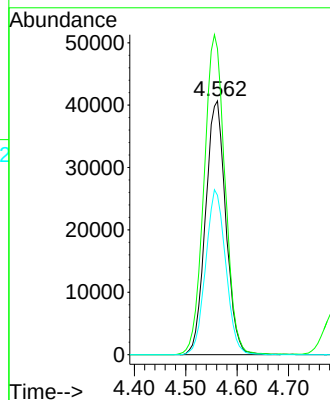
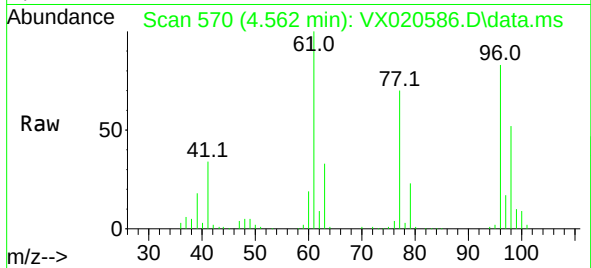
#27  
cis-1,2-Dichloroethene  
Concen: 48.44 ug/l  
RT: 4.562 min Scan# 570  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 96 Resp: 111780  
Ion Ratio Lower Upper  
96 100  
61 130.5 0.0 285.6  
98 64.4 0.0 129.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

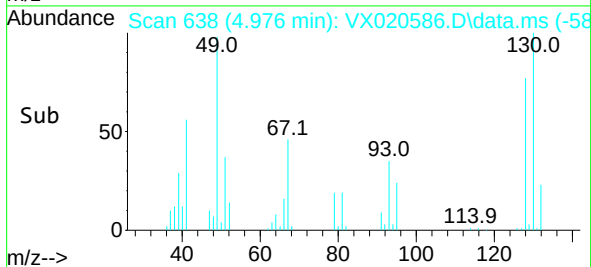
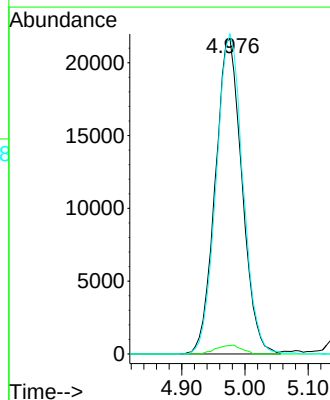
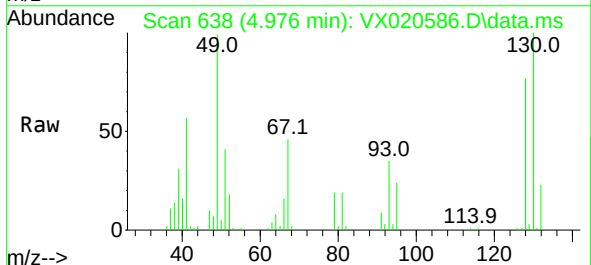
Manual Integrations  
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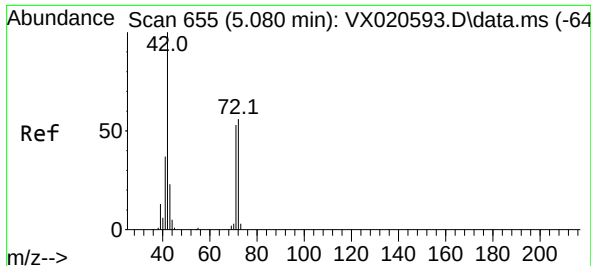
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#28  
Bromochloromethane  
Concen: 45.53 ug/l  
RT: 4.976 min Scan# 638  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 49 Resp: 63592  
Ion Ratio Lower Upper  
49 100  
129 2.6 0.0 4.0  
130 101.2 68.2 102.2





#29

Tetrahydrofuran

Concen: 245.36 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.013 min

Lab File: VX020586.D

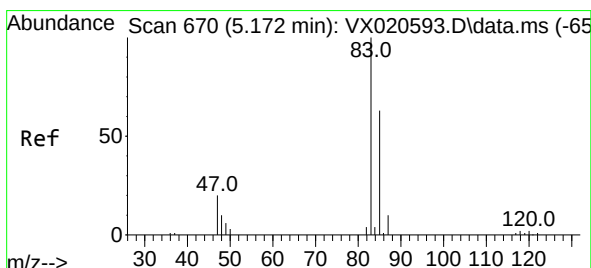
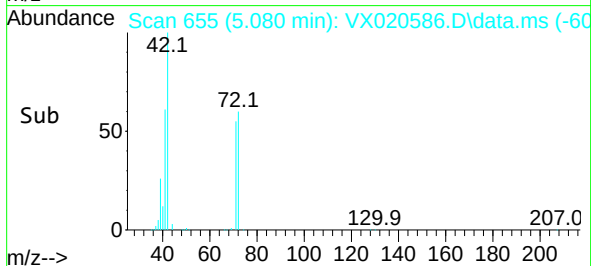
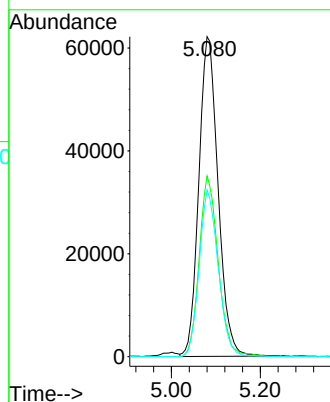
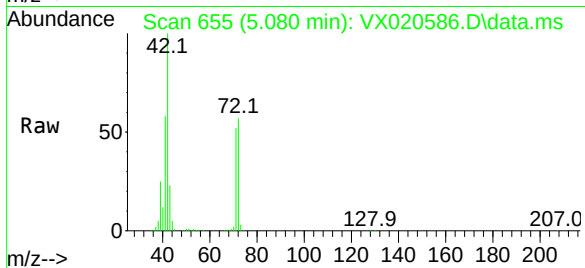
Acq: 13 Jan 2021 11:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 187095 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 56.1  | 41.7  | 62.5   |
| 71       | 51.7  | 38.4  | 57.6   |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

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#30

Chloroform

Concen: 47.66 ug/l

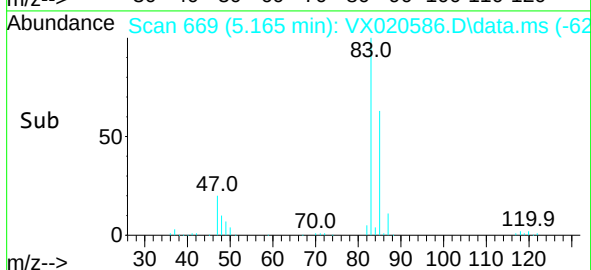
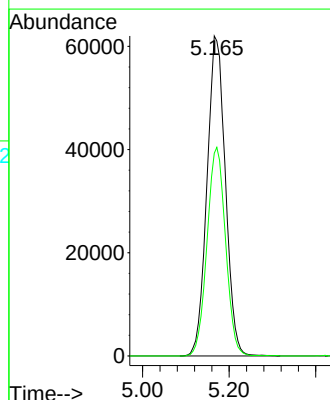
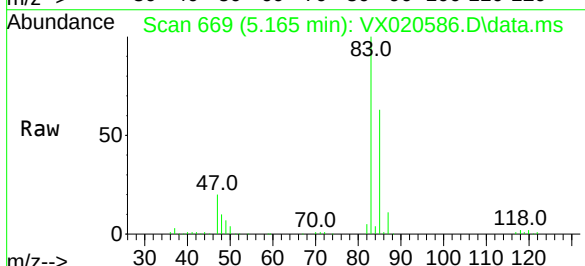
RT: 5.165 min Scan# 669

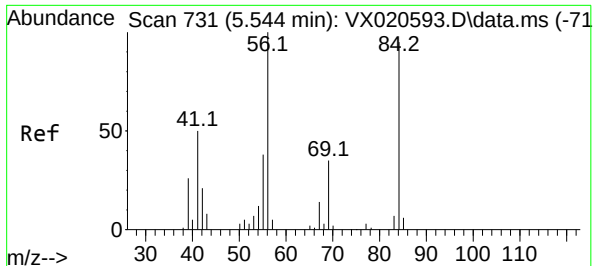
Delta R.T. -0.007 min

Lab File: VX020586.D

Acq: 13 Jan 2021 11:37

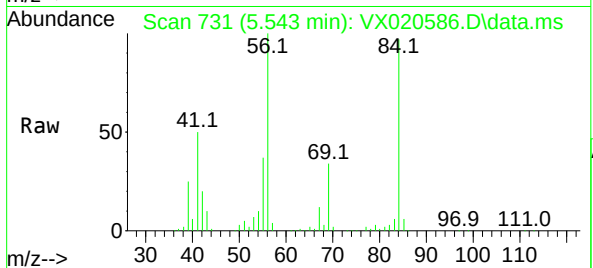
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 182816 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.4  | 52.0  | 78.0   |





#31  
Cyclohexane  
Concen: 49.46 ug/l  
RT: 5.543 min Scan# 731  
Delta R.T. -0.007 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

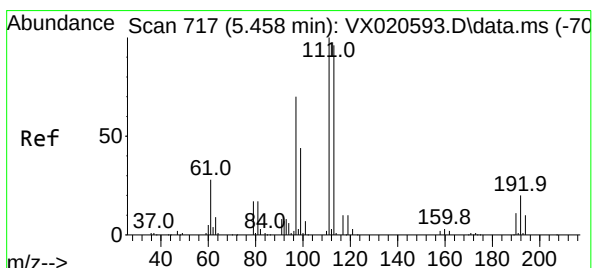
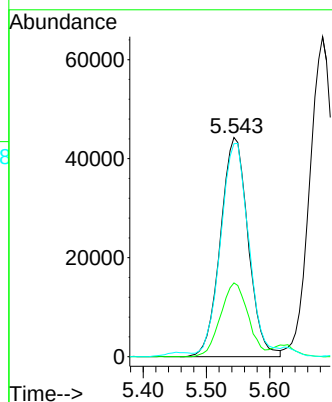
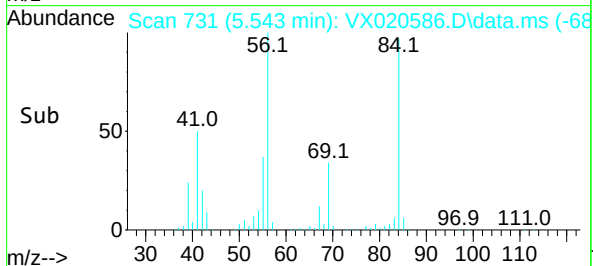
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



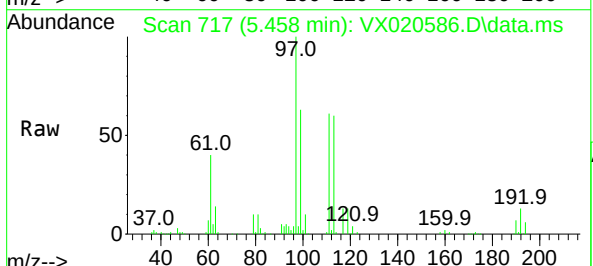
Tgt Ion: 56 Resp: 134631  
Ion Ratio Lower Upper  
56 100  
69 33.7 25.3 37.9  
84 95.4 71.4 107.0

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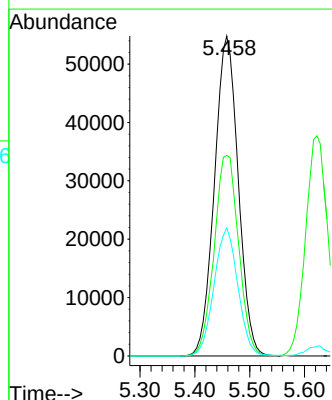
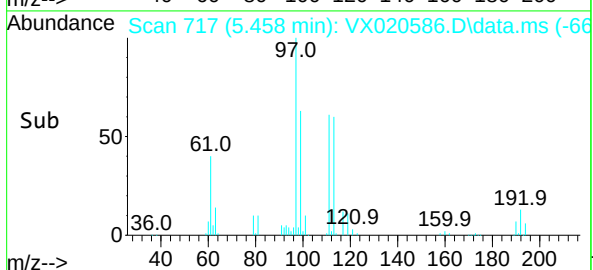
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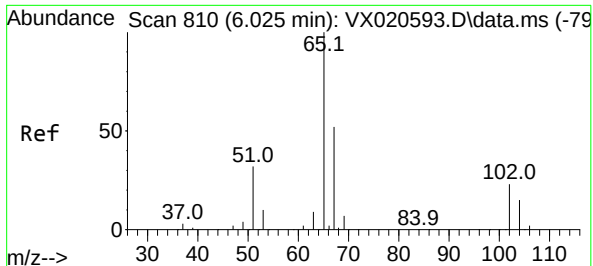


#32  
1,1,1-Trichloroethane  
Concen: 47.86 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.007 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



Tgt Ion: 97 Resp: 165120  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.5 77.3  
61 40.2 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 46.30 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX020586.D

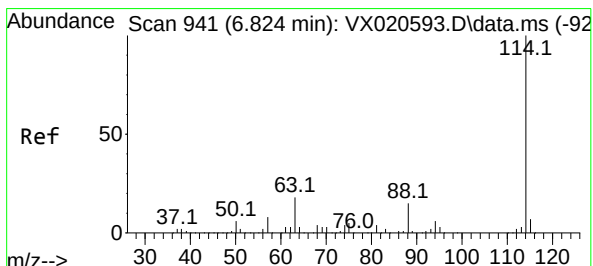
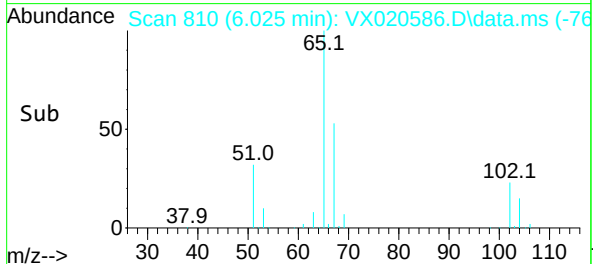
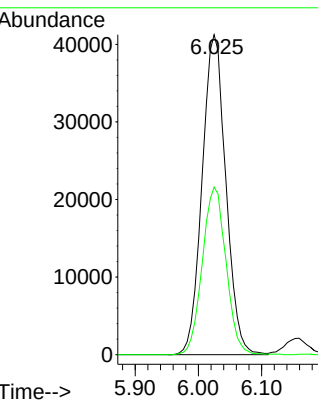
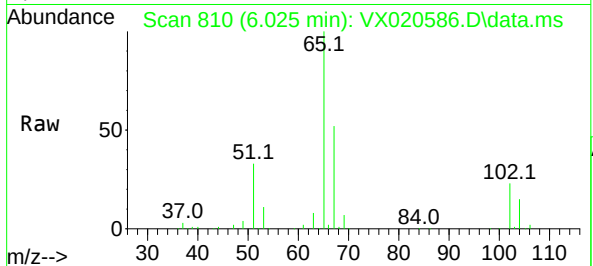
Acq: 13 Jan 2021 11:37

Tgt Ion: 65 Resp: 107238

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. -0.006 min

Lab File: VX020586.D

Acq: 13 Jan 2021 11:37

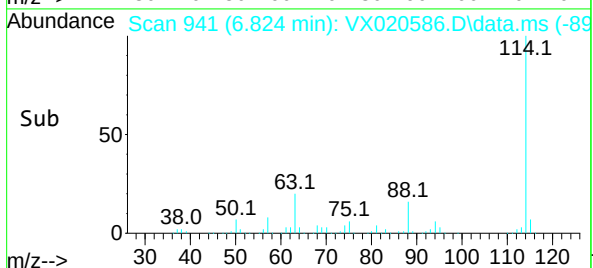
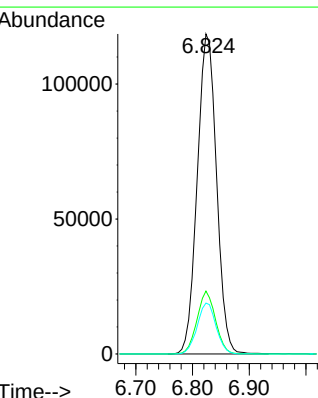
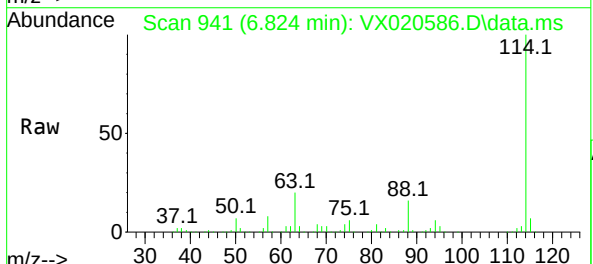
Tgt Ion: 114 Resp: 279623

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 15.9 0.0 32.8



Instrument :

MSVOA\_X

ClientSampleId :

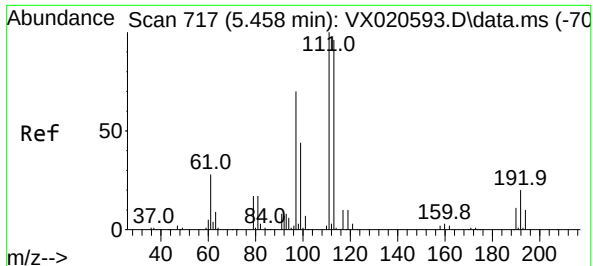
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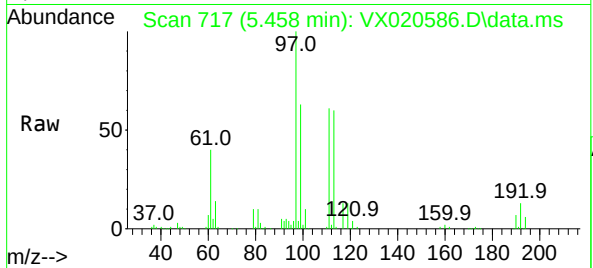
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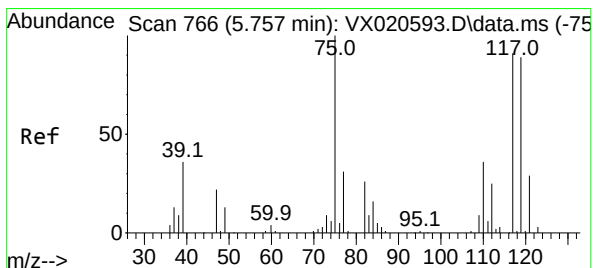
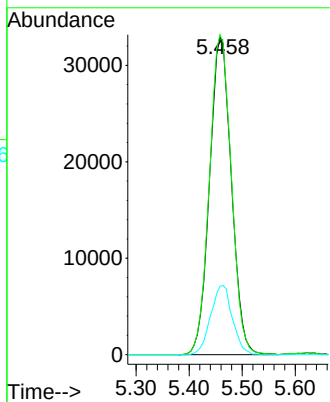
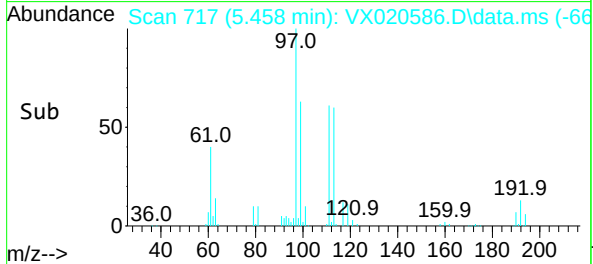
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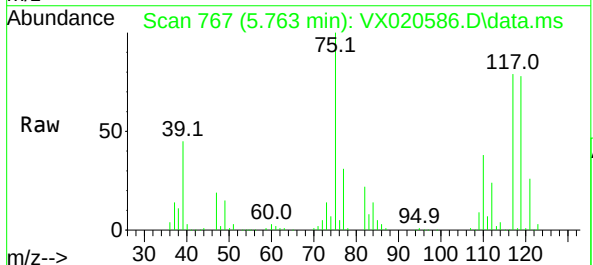
#35  
Dibromofluoromethane  
Concen: 48.59 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.007 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



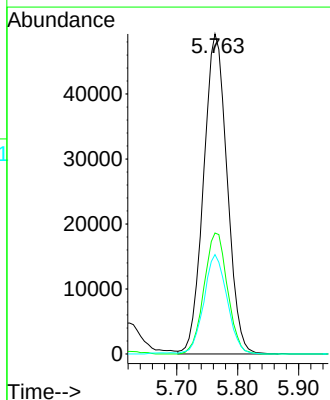
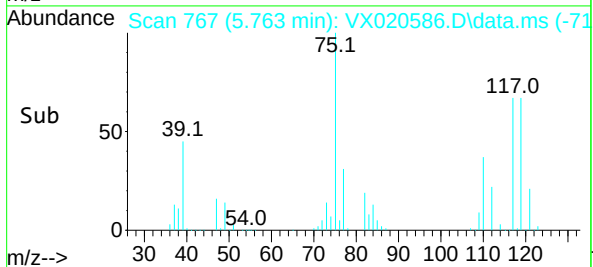
Tgt Ion: 113 Resp: 94134  
Ion Ratio Lower Upper  
113 100  
111 101.3 81.9 122.9  
192 21.7 16.7 25.1



#36  
1,1-Dichloropropene  
Concen: 51.81 ug/l  
RT: 5.763 min Scan# 767  
Delta R.T. -0.006 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



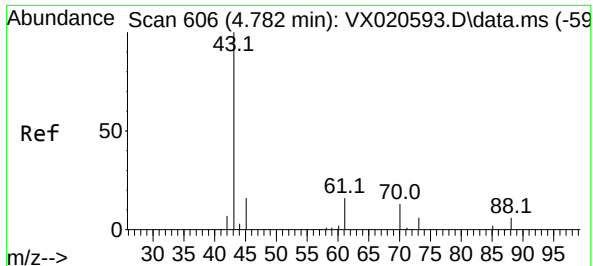
Tgt Ion: 75 Resp: 132376  
Ion Ratio Lower Upper  
75 100  
110 37.5 18.1 54.4  
77 30.7 25.3 37.9



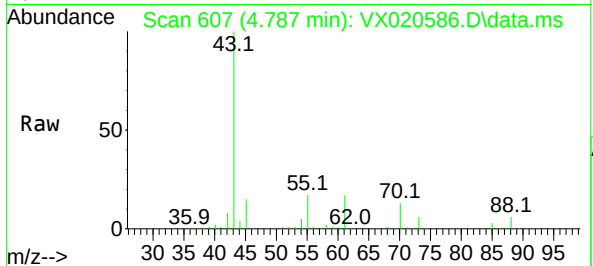
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

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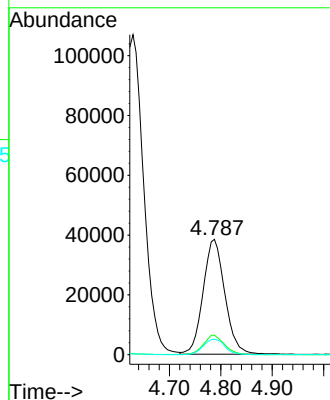
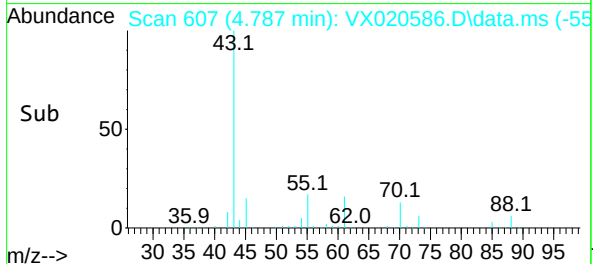
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#37  
Ethyl Acetate  
Concen: 48.70 ug/l  
RT: 4.787 min Scan# 607  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



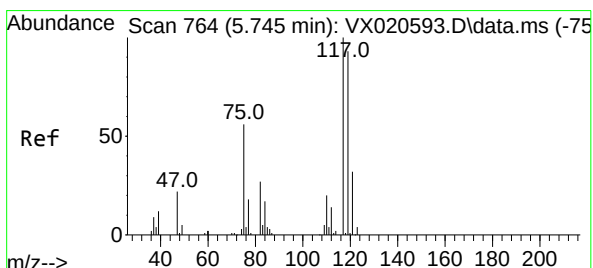
Tgt Ion: 43 Resp: 113010  
Ion Ratio Lower Upper  
43 100  
61 16.5 12.8 19.2  
70 13.3 10.5 15.7



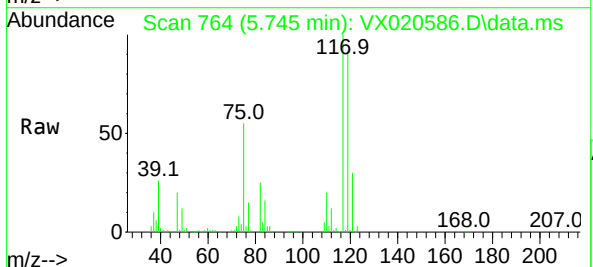
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

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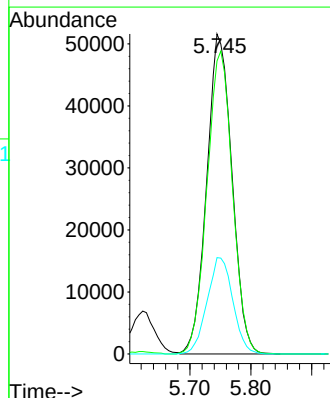
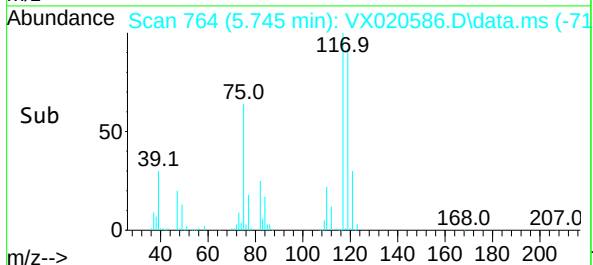
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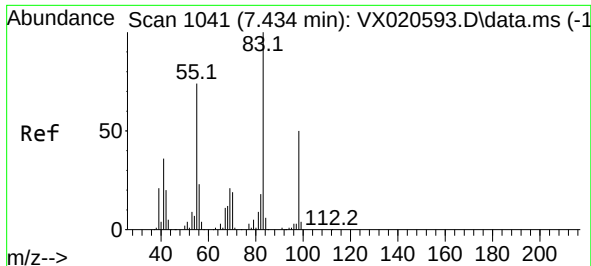


#38  
Carbon Tetrachloride  
Concen: 49.81 ug/l  
RT: 5.745 min Scan# 764  
Delta R.T. -0.006 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



Tgt Ion: 117 Resp: 148497  
Ion Ratio Lower Upper  
117 100  
119 91.6 76.2 114.2  
121 30.1 24.8 37.2





#39

Methylcyclohexane

Concen: 52.52 ug/l

RT: 7.439 min Scan# 1042

Delta R.T. -0.001 min

Lab File: VX020586.D

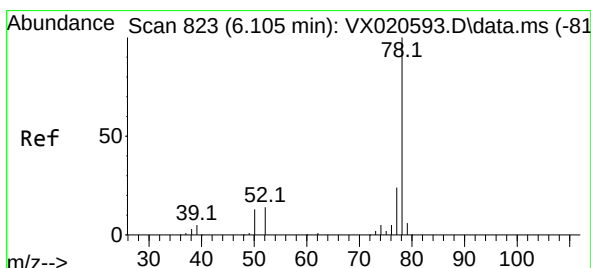
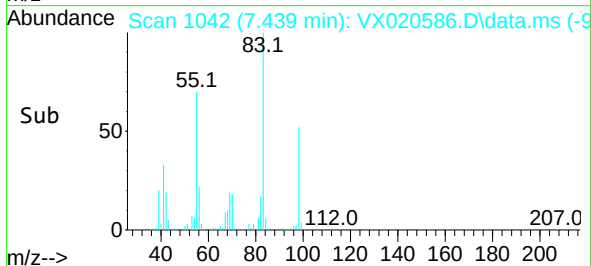
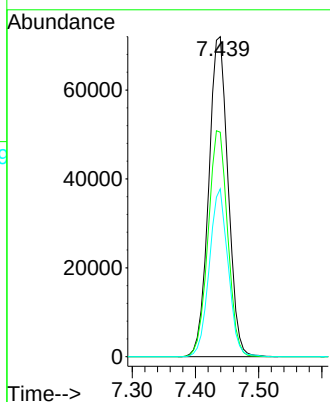
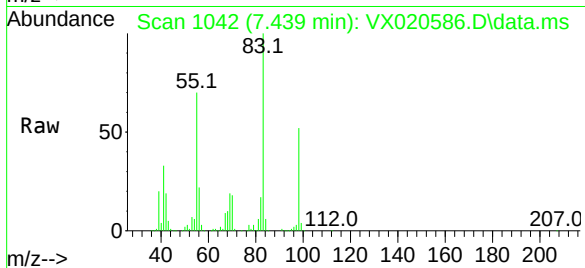
Acq: 13 Jan 2021 11:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 153257 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 70.2  | 58.9  | 88.3   |
| 98       | 52.5  | 38.1  | 57.1   |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

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#40

Benzene

Concen: 51.21 ug/l

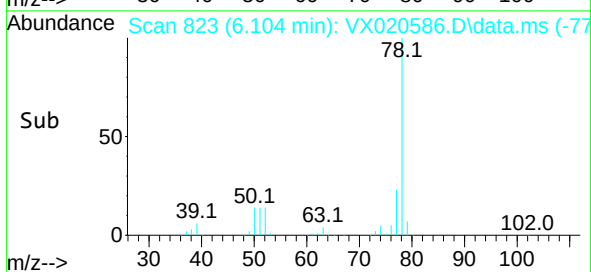
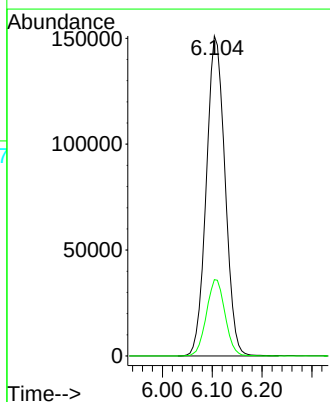
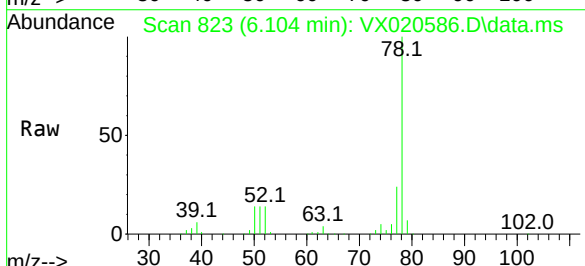
RT: 6.104 min Scan# 823

Delta R.T. -0.007 min

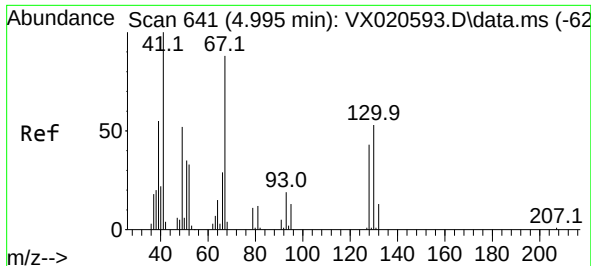
Lab File: VX020586.D

Acq: 13 Jan 2021 11:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 393246 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 23.9  | 18.9  | 28.3   |

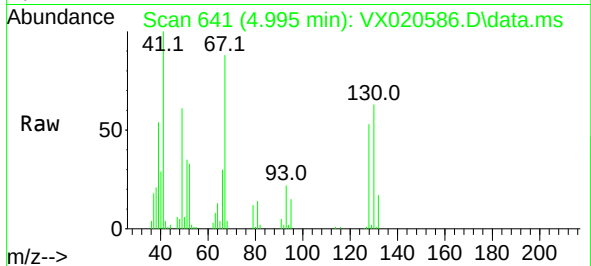






#41  
Methacrylonitrile  
Concen: 50.57 ug/l  
RT: 4.995 min Scan# 641  
Delta R.T. -0.006 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

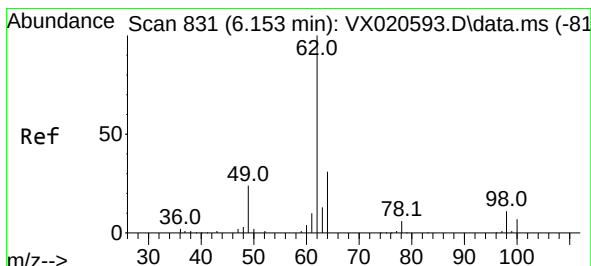
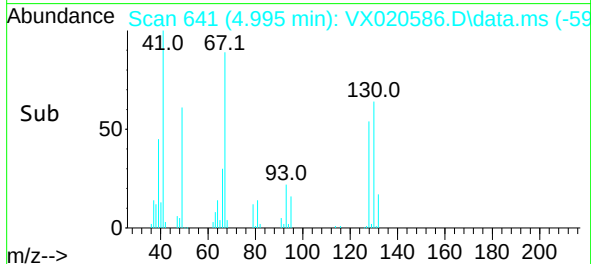
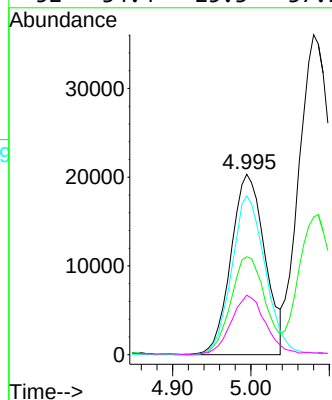
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 61424 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 54.8  | 42.5  | 63.7  |
| 67        | 87.5  | 65.0  | 97.6  |
| 52        | 34.4  | 25.3  | 37.9  |

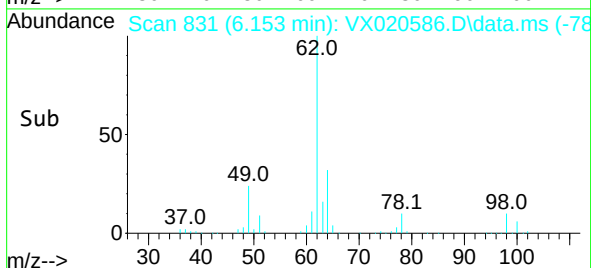
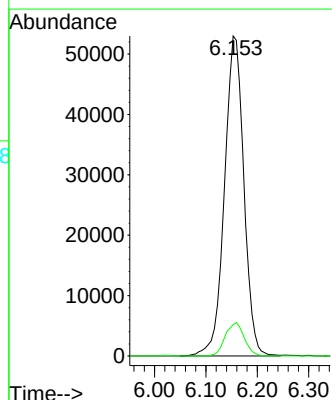
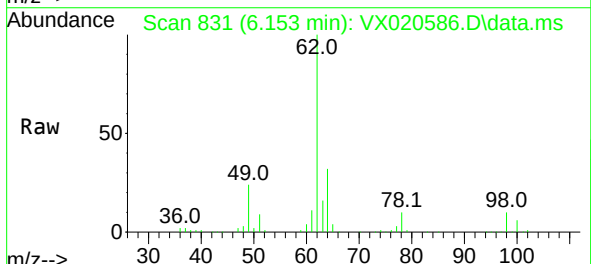
Manual Integrations  
APPROVED

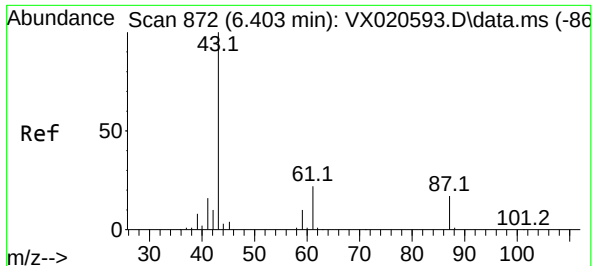
MMDadoda  
1/15/2021 10:05:28 AM



#42  
1,2-Dichloroethane  
Concen: 50.69 ug/l  
RT: 6.153 min Scan# 831  
Delta R.T. -0.007 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 62    | Resp: | 138770 |
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 10.2  | 0.0   | 20.2   |





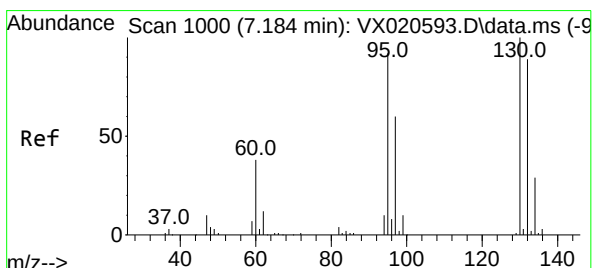
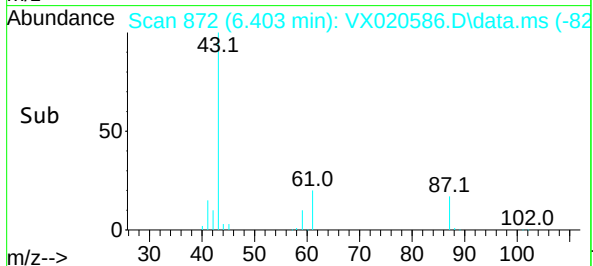
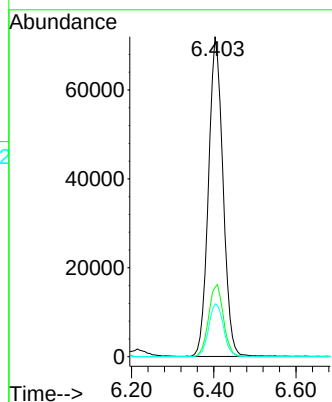
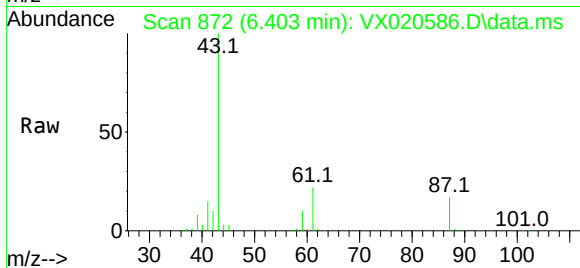
#43  
Isopropyl Acetate  
Concen: 49.00 ug/l  
RT: 6.403 min Scan# 872  
Delta R.T. -0.006 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 43 Resp: 176302  
Ion Ratio Lower Upper  
43 100  
61 23.1 18.2 27.4  
87 16.9 12.5 18.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

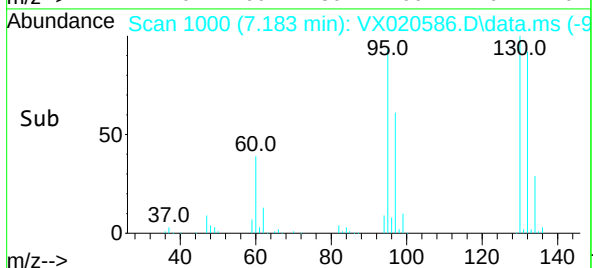
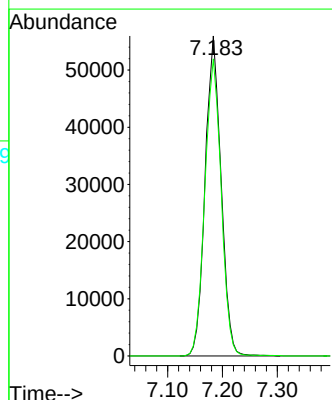
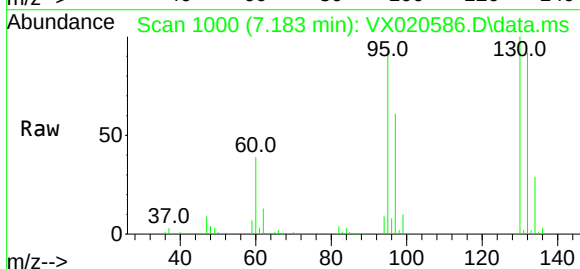
Manual Integrations  
APPROVED

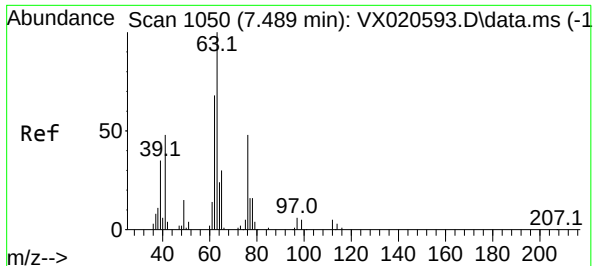
MMDadoda  
1/15/2021 10:05:28 AM



#44  
Trichloroethene  
Concen: 49.48 ug/l  
RT: 7.183 min Scan# 1000  
Delta R.T. -0.007 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

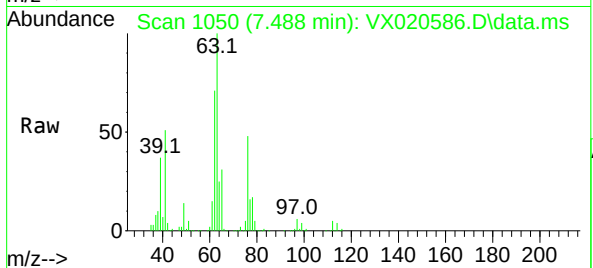
Tgt Ion:130 Resp: 112910  
Ion Ratio Lower Upper  
130 100  
95 92.9 0.0 198.0





#45  
1,2-Dichloropropane  
Concen: 50.81 ug/l  
RT: 7.488 min Scan# 1050  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

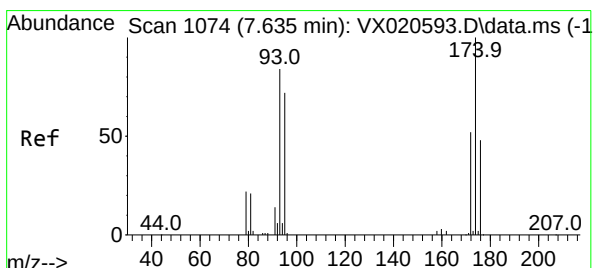
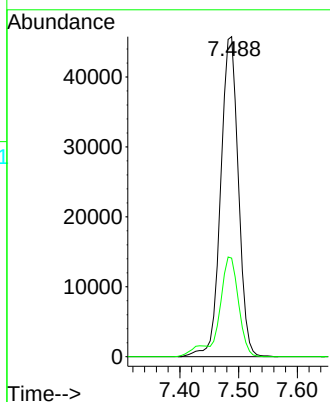
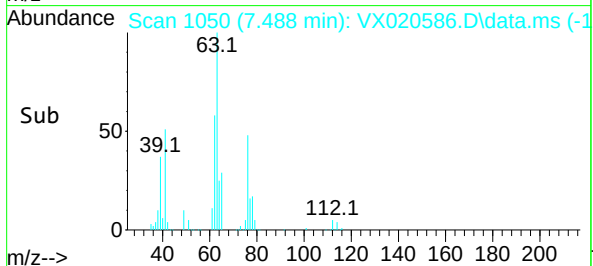
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



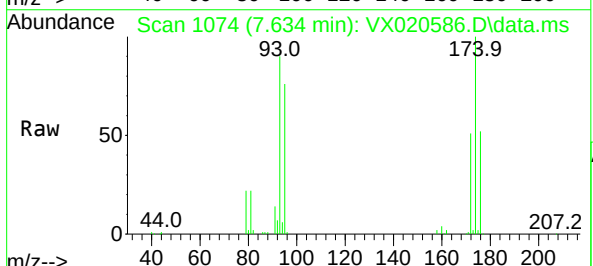
Tgt Ion: 63 Resp: 95712  
Ion Ratio Lower Upper  
63 100  
65 30.8 25.7 38.5

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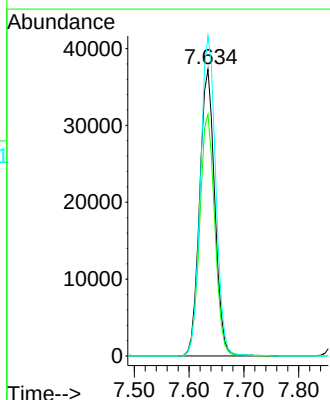
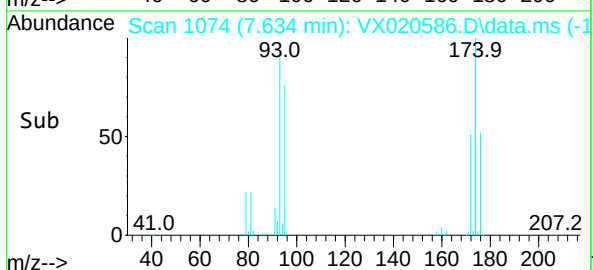
MMDadoda  
1/15/2021 10:05:28 AM

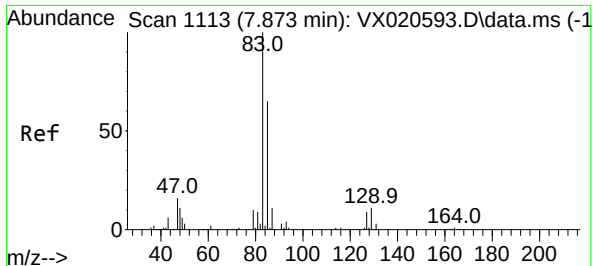


#46  
Dibromomethane  
Concen: 50.11 ug/l  
RT: 7.634 min Scan# 1074  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



Tgt Ion: 93 Resp: 71669  
Ion Ratio Lower Upper  
93 100  
95 83.5 66.8 100.2  
174 112.1 83.1 124.7





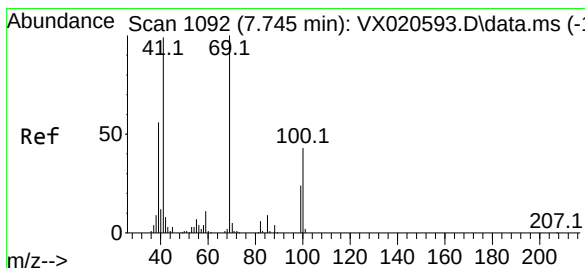
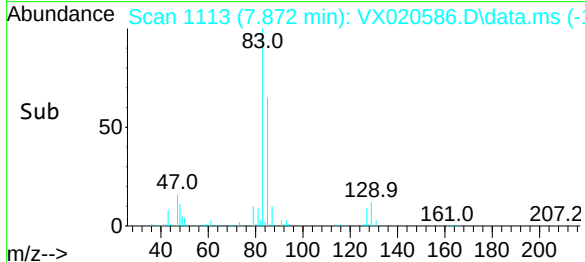
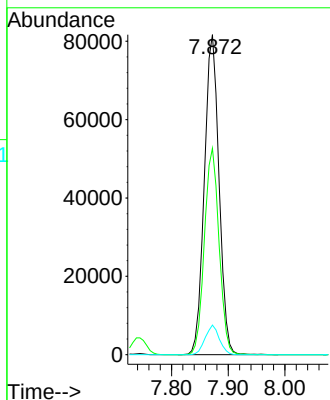
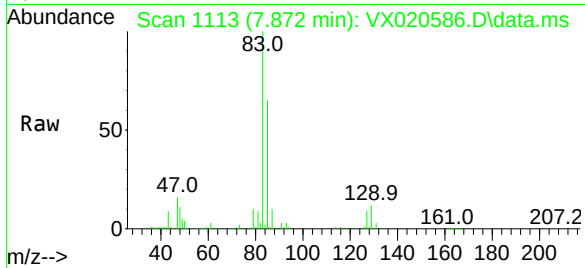
#47  
Bromodichloromethane  
Concen: 50.29 ug/l  
RT: 7.872 min Scan# 1113  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 83 Resp: 146828  
Ion Ratio Lower Upper  
83 100  
85 64.5 51.4 77.0  
127 9.3 6.8 10.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

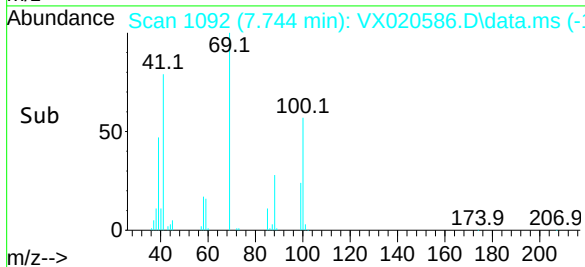
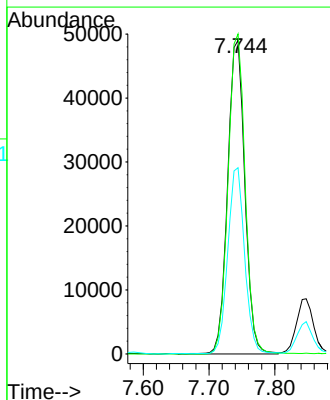
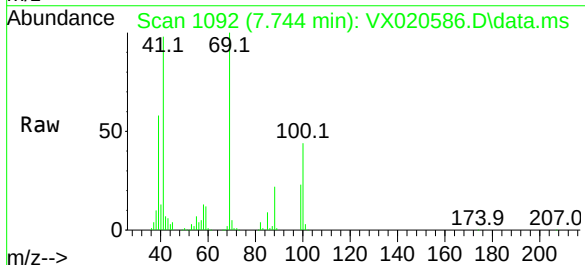
Manual Integrations  
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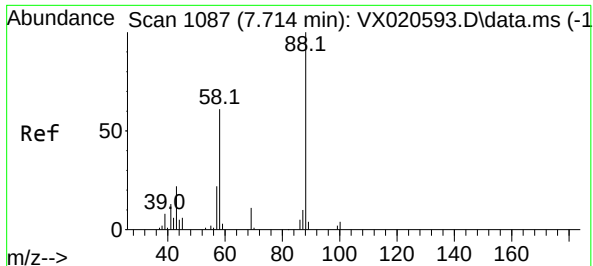
MMDadoda  
1/15/2021 10:05:28 AM



#48  
Methyl methacrylate  
Concen: 51.02 ug/l  
RT: 7.744 min Scan# 1092  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 41 Resp: 89230  
Ion Ratio Lower Upper  
41 100  
69 101.1 76.0 114.0  
39 58.2 44.6 67.0





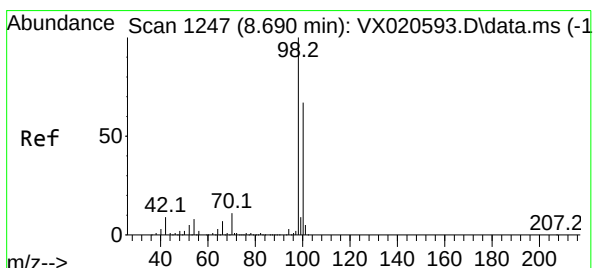
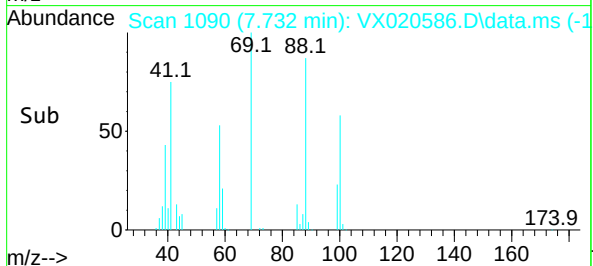
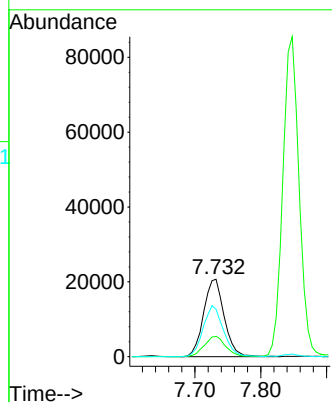
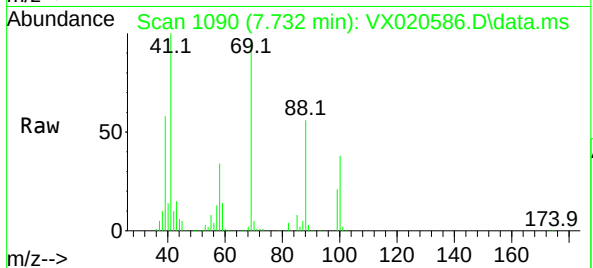
#49  
1,4-Dioxane  
Concen: 1023.42 ug/l  
RT: 7.732 min Scan# 1090  
Delta R.T. -0.013 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 45121 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 27.5  | 23.2  | 34.8  |
| 58       | 64.5  | 55.0  | 82.4  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

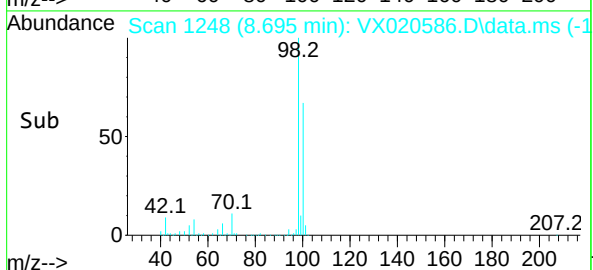
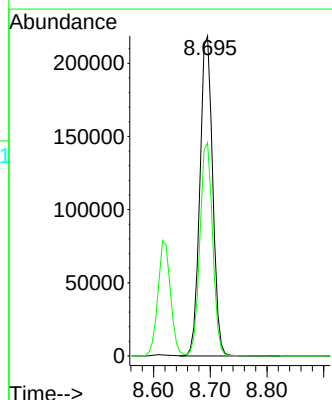
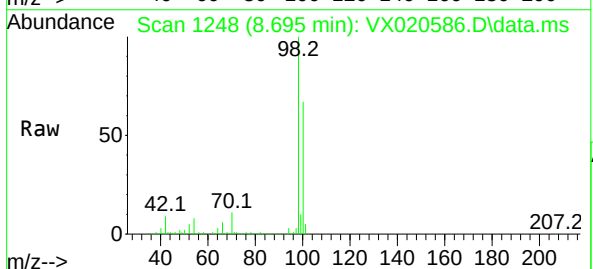
Manual Integrations  
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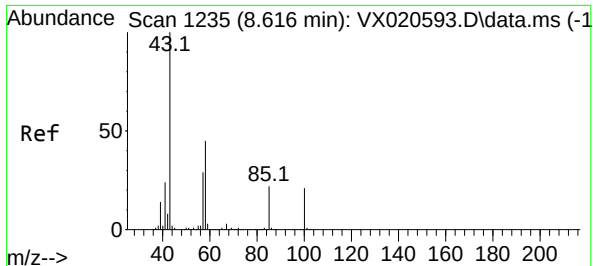
MMDadoda  
1/15/2021 10:05:28 AM



#50  
Toluene-d8  
Concen: 49.22 ug/l  
RT: 8.695 min Scan# 1248  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 341231 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.7  | 51.9  | 77.9   |





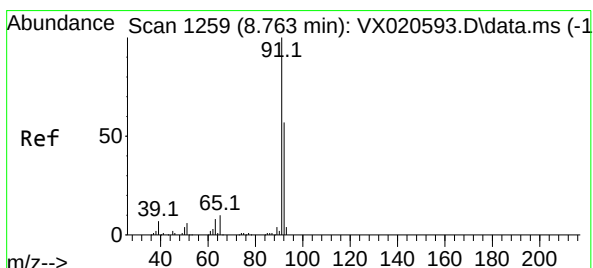
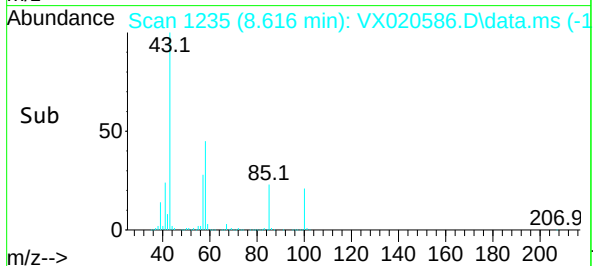
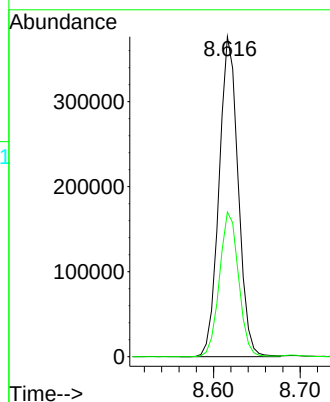
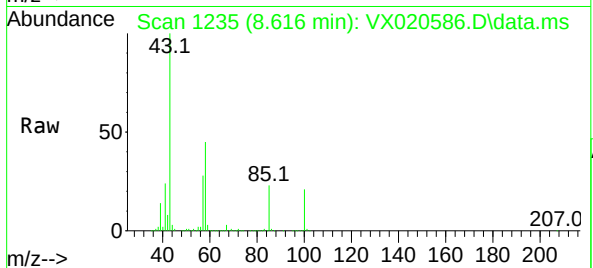
#51  
4-Methyl-2-Pentanone  
Concen: 258.23 ug/l  
RT: 8.616 min Scan# 1235  
Delta R.T. -0.006 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 43 Resp: 576221  
Ion Ratio Lower Upper  
43 100  
58 45.2 35.4 53.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

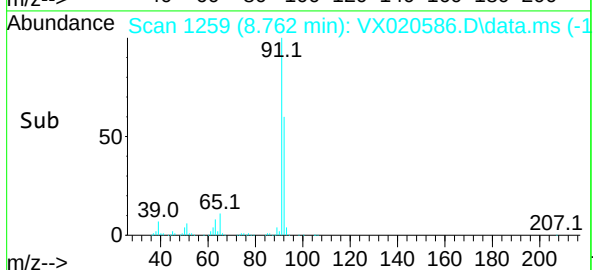
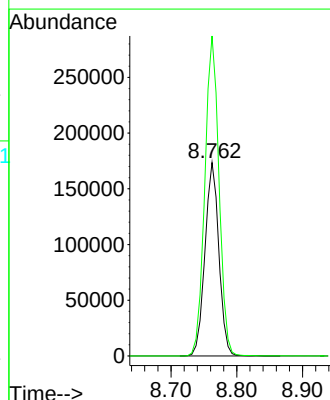
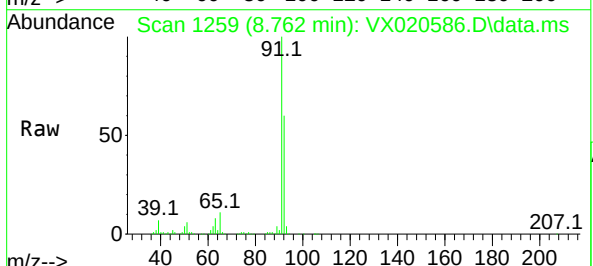
Manual Integrations  
APPROVED

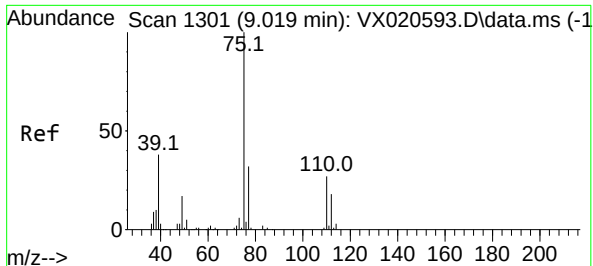
MMDadoda  
1/15/2021 10:05:28 AM



#52  
Toluene  
Concen: 52.24 ug/l  
RT: 8.762 min Scan# 1259  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 92 Resp: 255088  
Ion Ratio Lower Upper  
92 100  
91 168.8 137.1 205.7





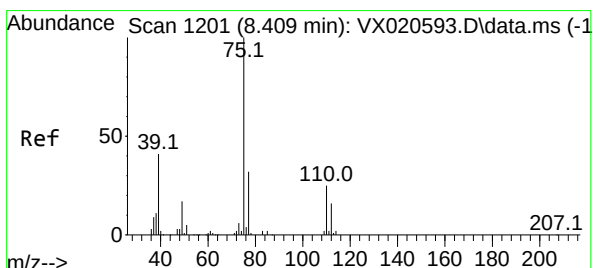
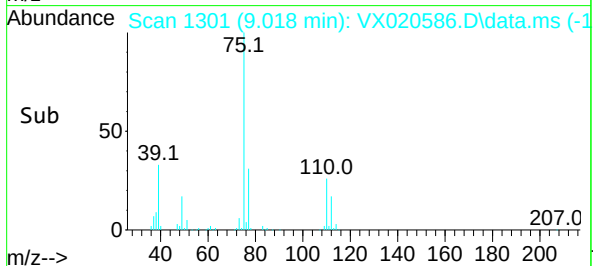
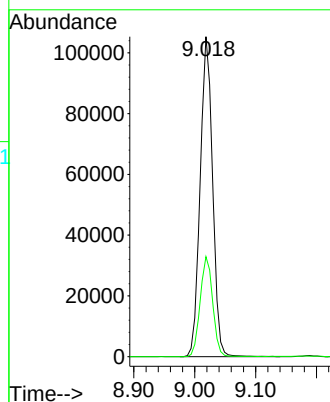
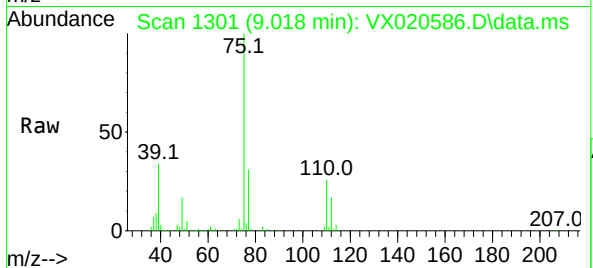
#53  
t-1,3-Dichloropropene  
Concen: 50.12 ug/l  
RT: 9.018 min Scan# 1301  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 75 Resp: 149011  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.9 37.3

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

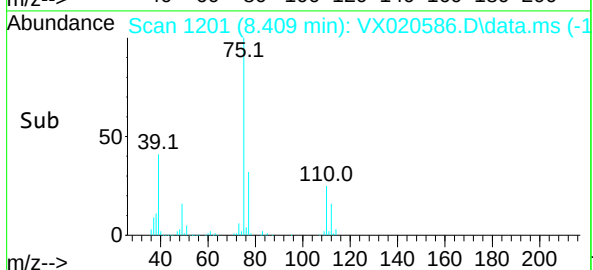
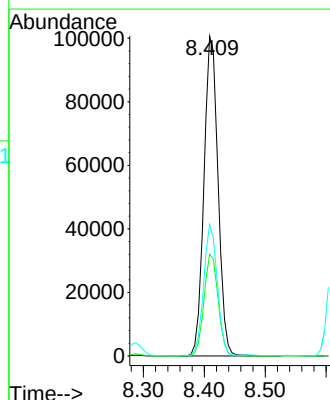
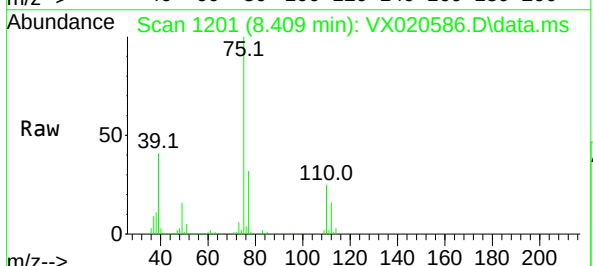
Manual Integrations  
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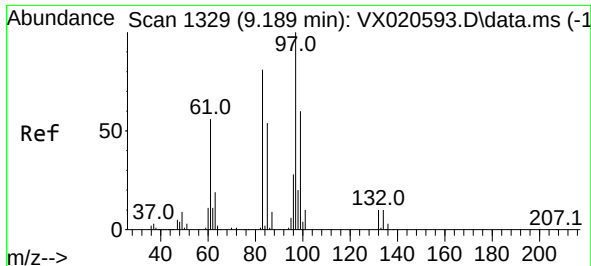
MMDadoda  
1/15/2021 10:05:28 AM



#54  
cis-1,3-Dichloropropene  
Concen: 50.97 ug/l  
RT: 8.409 min Scan# 1201  
Delta R.T. -0.006 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

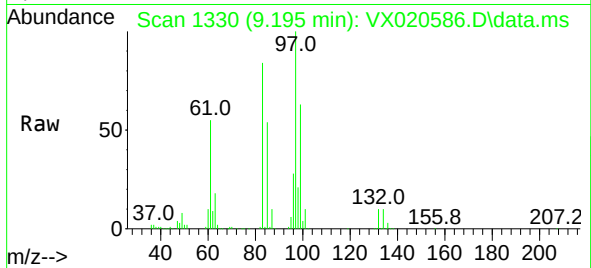
Tgt Ion: 75 Resp: 162287  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.7 38.5  
39 41.1 35.1 52.7





#55  
1,1,2-Trichloroethane  
Concen: 52.64 ug/l  
RT: 9.195 min Scan# 1330  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

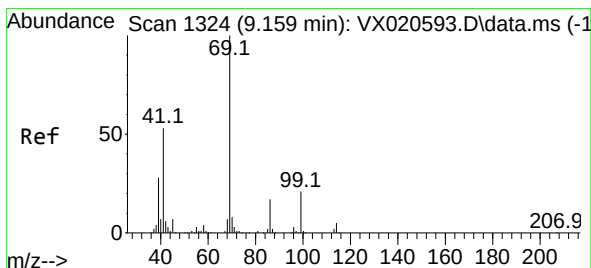
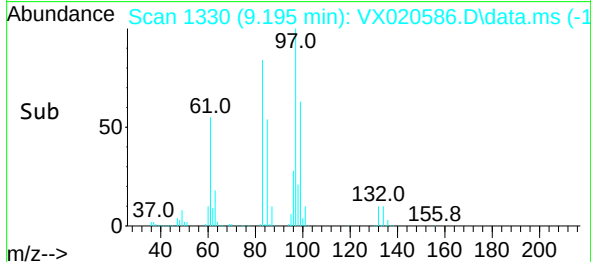
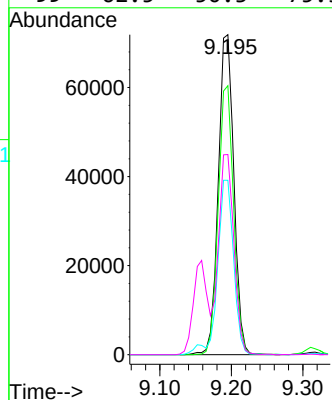
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



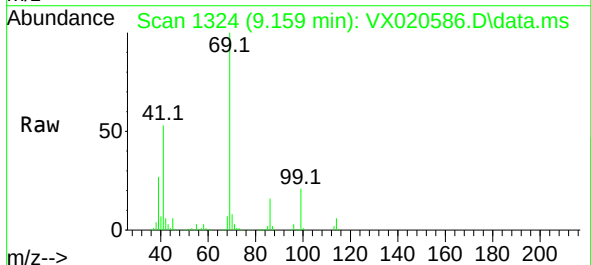
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 84.0  | 69.3  | 103.9 |
| 85      | 54.5  | 44.3  | 66.5  |
| 99      | 62.5  | 50.3  | 75.5  |

Manual Integrations  
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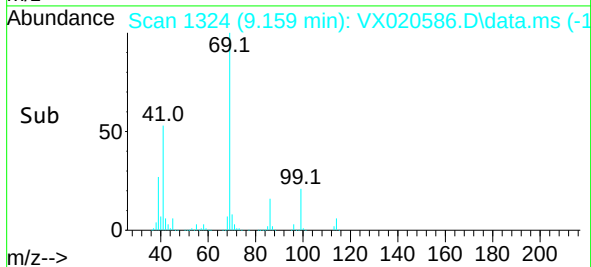
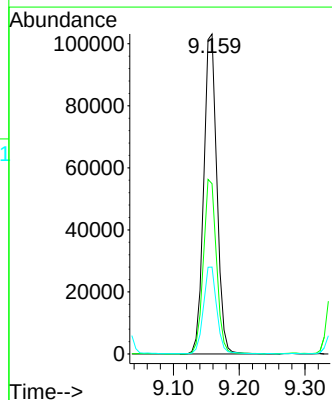
MMDadoda  
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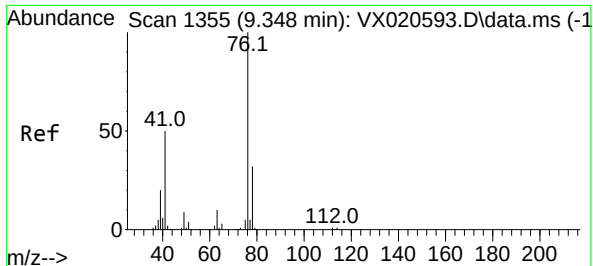
#56  
Ethyl methacrylate  
Concen: 53.62 ug/l  
RT: 9.159 min Scan# 1324  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 54.6  | 46.8  | 70.2  |
| 39      | 27.5  | 24.7  | 37.1  |







#57

1,3-Dichloropropane

Concen: 45.87 ug/l

RT: 9.348 min Scan# 1355

Delta R.T. -0.001 min

Lab File: VX020586.D

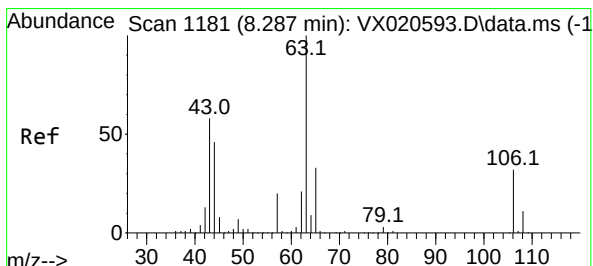
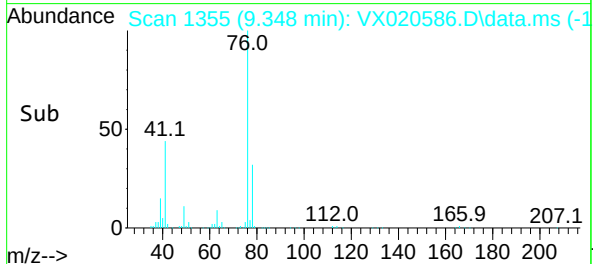
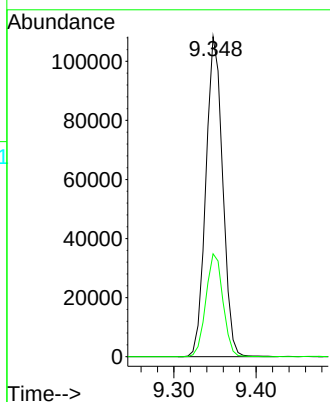
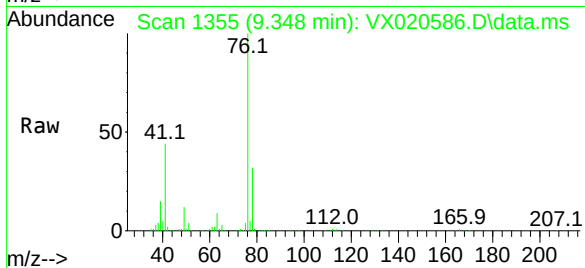
Acq: 13 Jan 2021 11:37

Tgt Ion: 76 Resp: 153792

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 246.67 ug/l

RT: 8.287 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VX020586.D

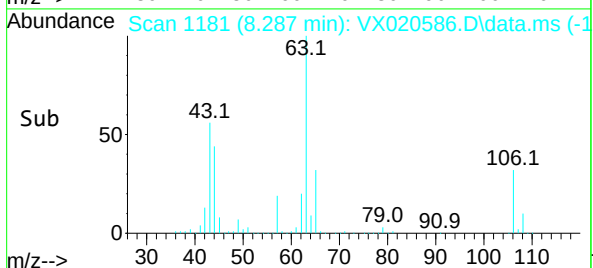
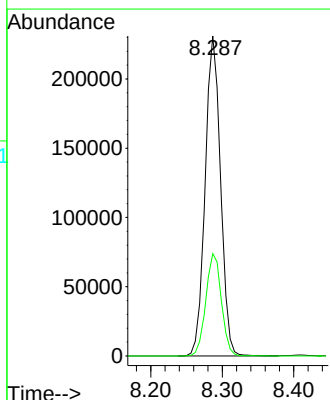
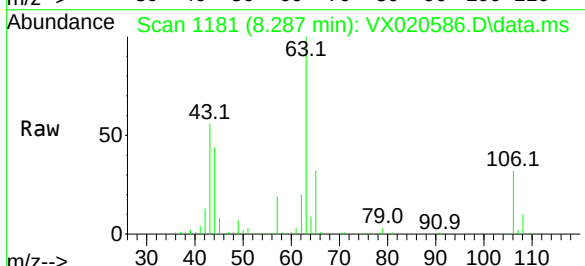
Acq: 13 Jan 2021 11:37

Tgt Ion: 63 Resp: 345317

Ion Ratio Lower Upper

63 100

106 32.2 23.5 35.3



Instrument :

MSVOA\_X

ClientSampleId :

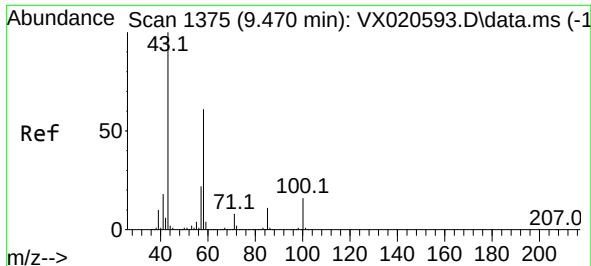
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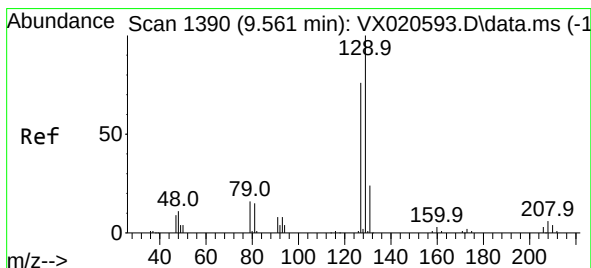
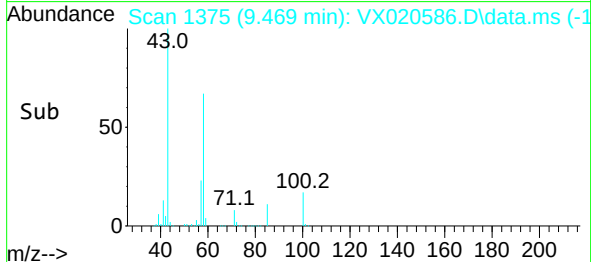
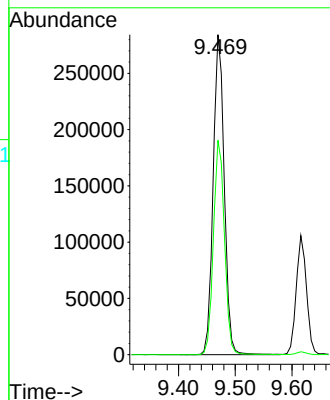
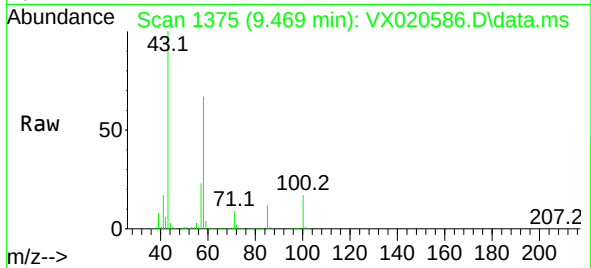
#59  
2-Hexanone  
Concen: 230.83 ug/l  
RT: 9.469 min Scan# 1375  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 43 Resp: 386141  
Ion Ratio Lower Upper  
43 100  
58 66.9 30.9 92.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

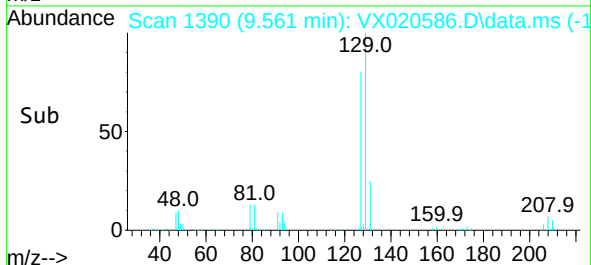
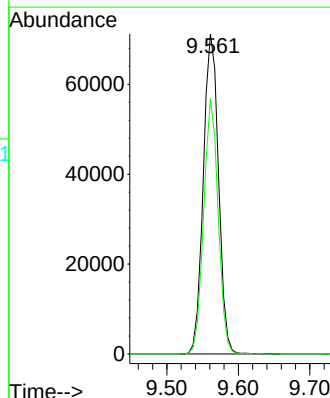
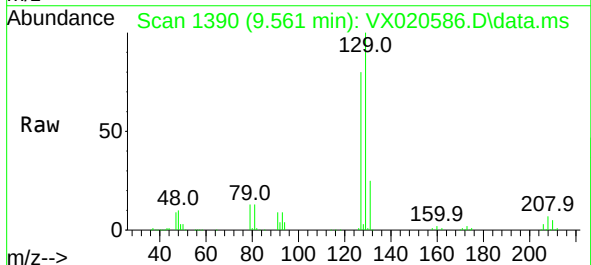
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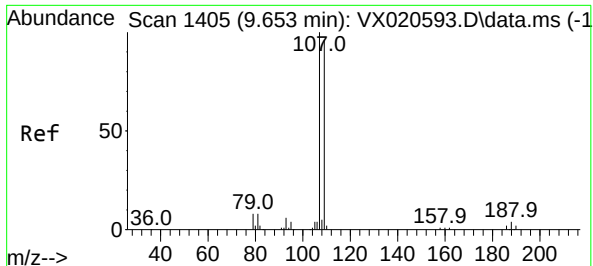
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#60  
Dibromochloromethane  
Concen: 45.13 ug/l  
RT: 9.561 min Scan# 1390  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

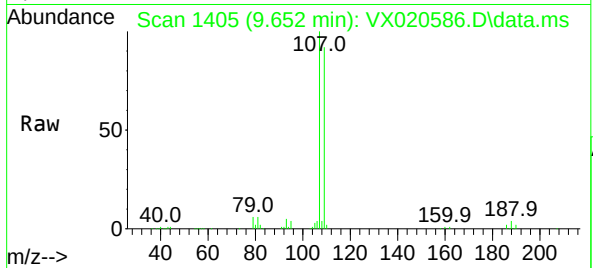
Tgt Ion: 129 Resp: 105167  
Ion Ratio Lower Upper  
129 100  
127 76.3 38.4 115.2





#61  
1,2-Dibromoethane  
Concen: 45.86 ug/l  
RT: 9.652 min Scan# 1405  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

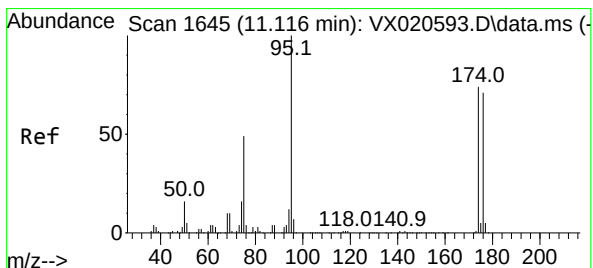
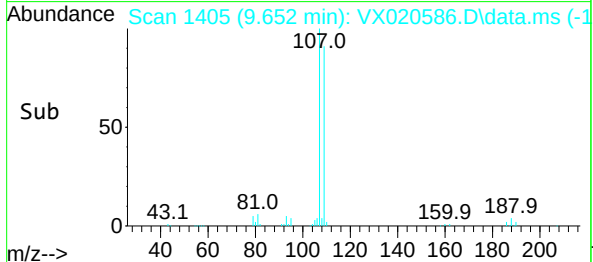
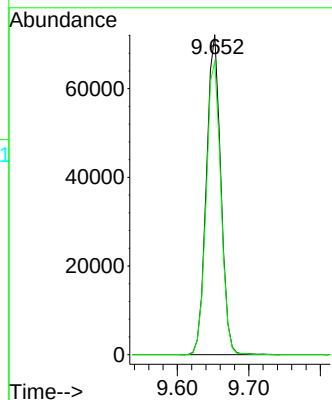
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 107 Resp: 100943  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.8 113.6

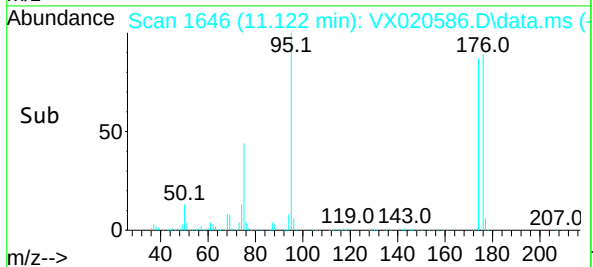
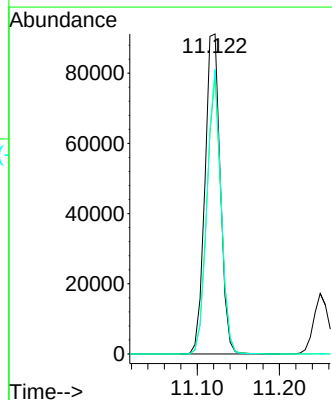
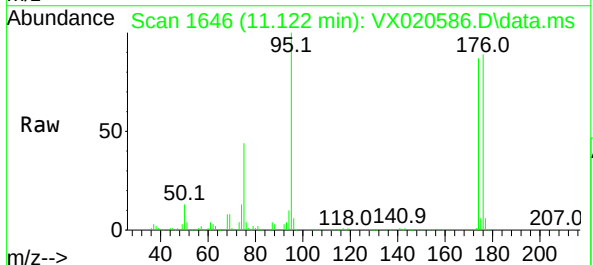
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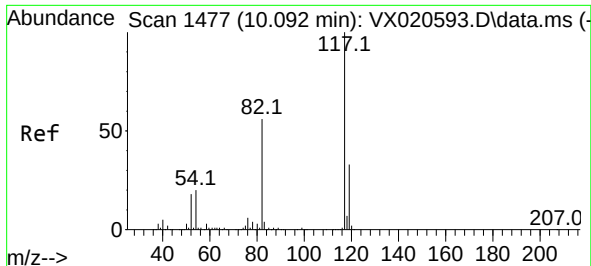
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#62  
4-Bromofluorobenzene  
Concen: 48.15 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

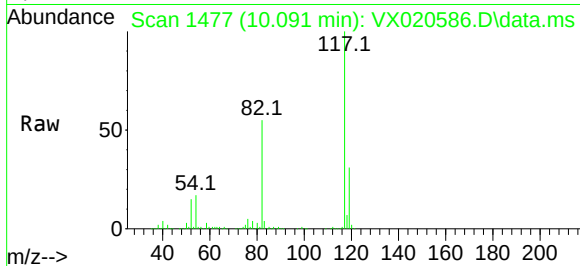
Tgt Ion: 95 Resp: 117878  
Ion Ratio Lower Upper  
95 100  
174 80.2 0.0 154.6  
176 81.3 0.0 155.8





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.091 min Scan# 1477  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

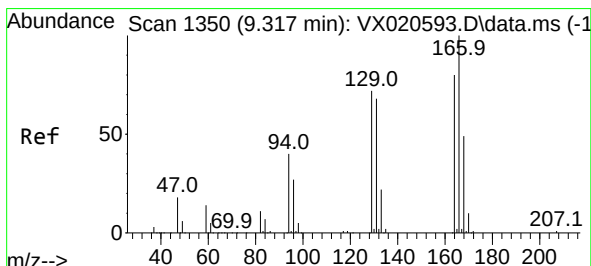
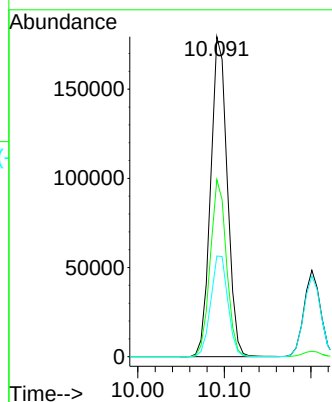
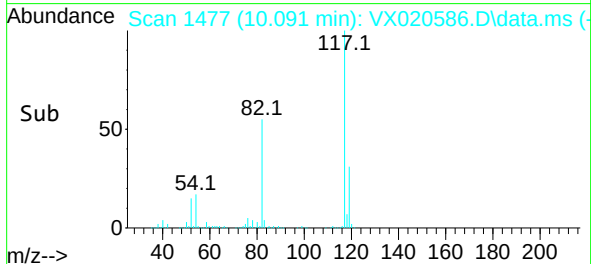
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



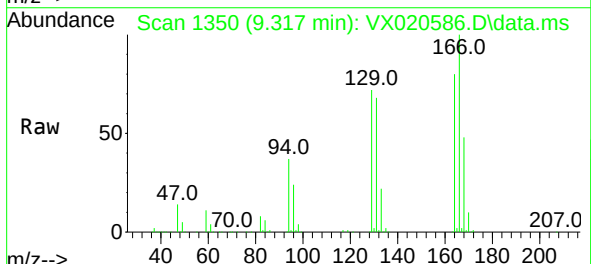
Tgt Ion:117 Resp: 238818  
Ion Ratio Lower Upper  
117 100  
82 55.3 47.4 71.2  
119 31.5 26.6 39.8

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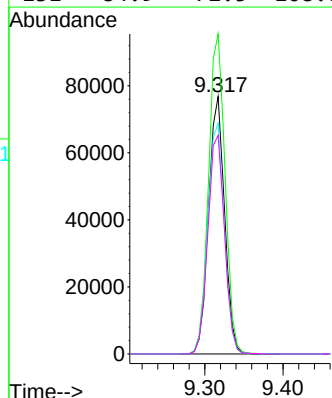
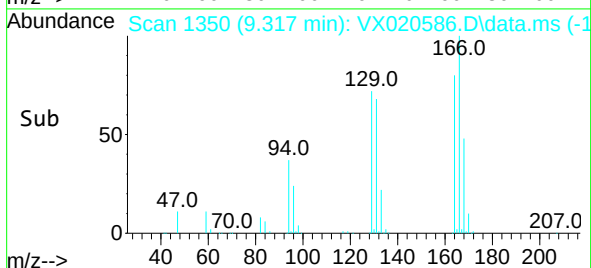
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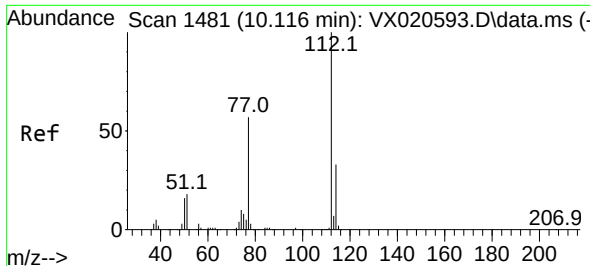


#64  
Tetrachloroethene  
Concen: 50.61 ug/l  
RT: 9.317 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



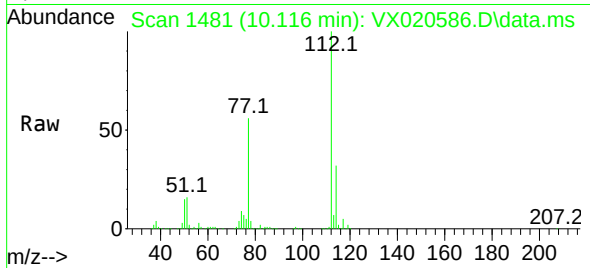
Tgt Ion:164 Resp: 109174  
Ion Ratio Lower Upper  
164 100  
166 124.3 103.4 155.2  
129 89.5 70.8 106.2  
131 84.9 72.5 108.7





#65  
Chlorobenzene  
Concen: 50.12 ug/l  
RT: 10.116 min Scan# 1481  
Delta R.T. -0.006 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

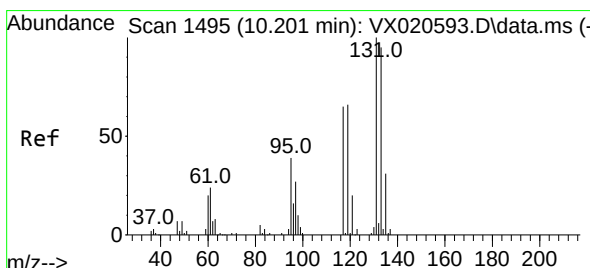
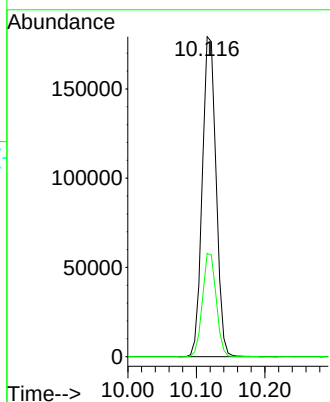
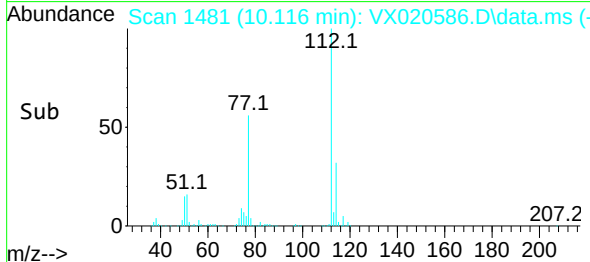
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



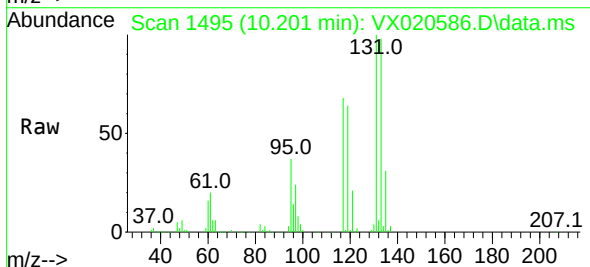
Tgt Ion:112 Resp: 251909  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.8 38.6

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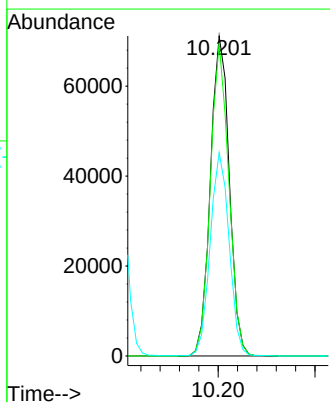
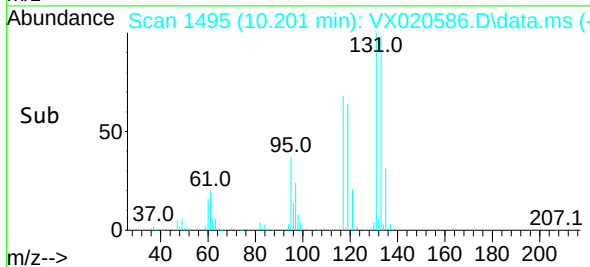
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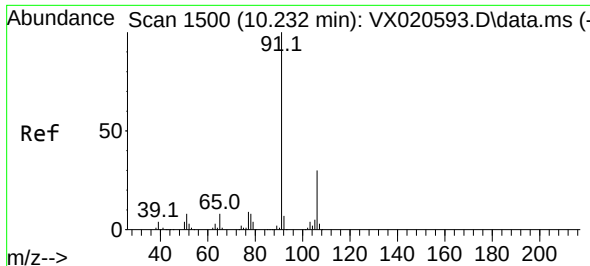


#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.31 ug/l  
RT: 10.201 min Scan# 1495  
Delta R.T. 0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



Tgt Ion:131 Resp: 96525  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.7 143.1  
119 63.8 32.1 96.5





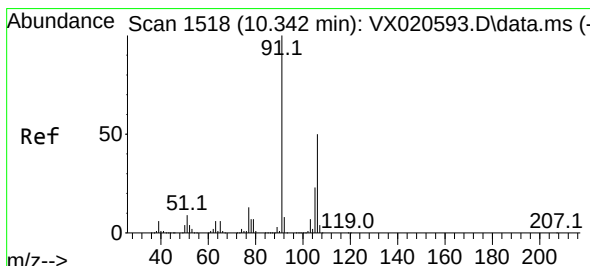
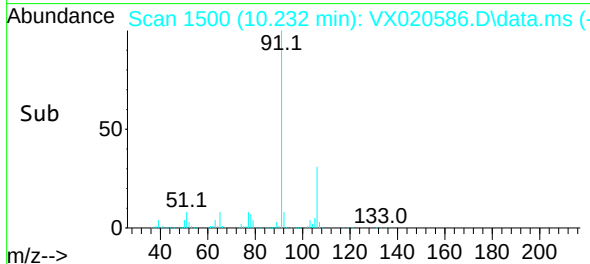
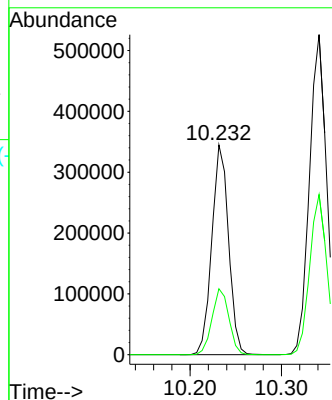
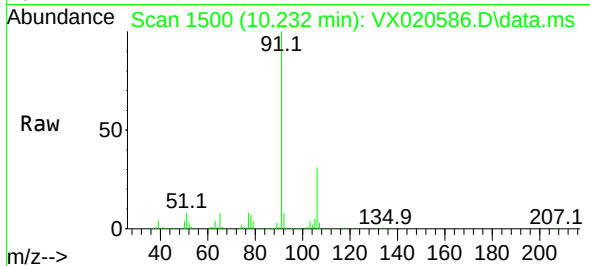
#67  
Ethyl Benzene  
Concen: 52.94 ug/l  
RT: 10.232 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 91 Resp: 438040  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.6 37.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

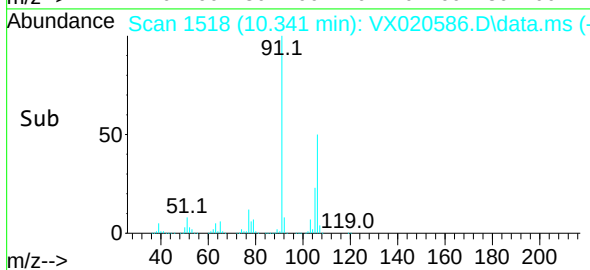
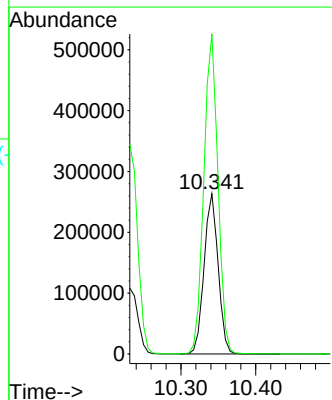
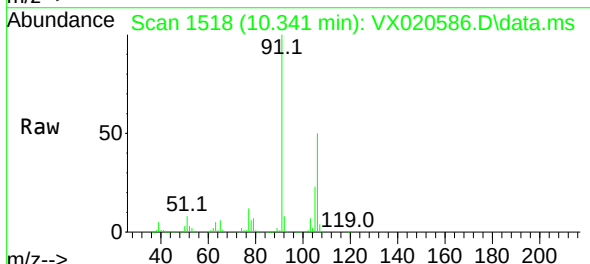
Manual Integrations  
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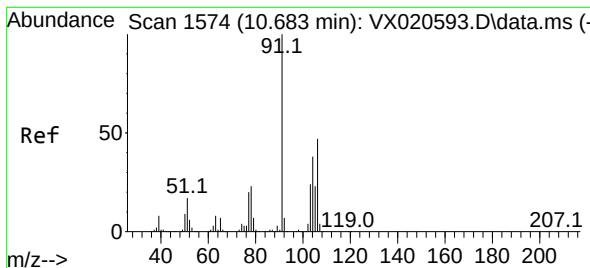
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#68  
m/p-Xylenes  
Concen: 107.81 ug/l  
RT: 10.341 min Scan# 1518  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

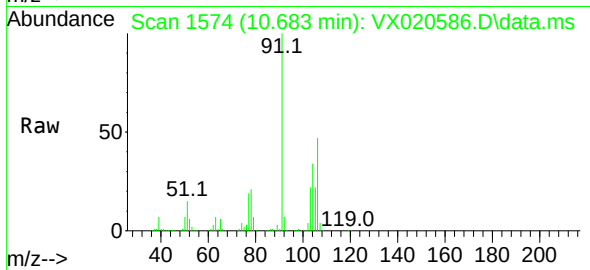
Tgt Ion: 106 Resp: 343806  
Ion Ratio Lower Upper  
106 100  
91 200.2 162.8 244.2





#69  
o-Xylene  
Concen: 53.27 ug/l  
RT: 10.683 min Scan# 1574  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

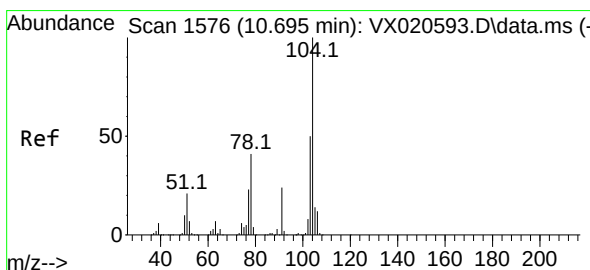
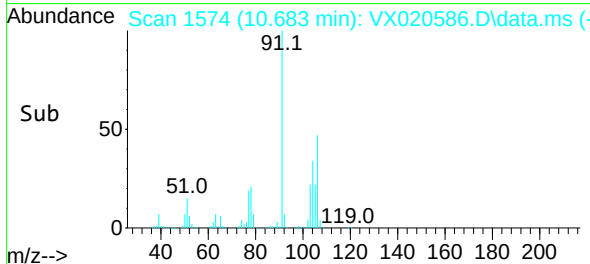
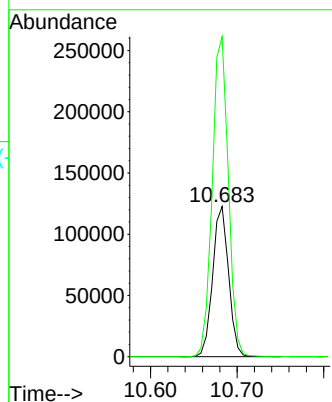
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion:106 Resp: 156507  
Ion Ratio Lower Upper  
106 100  
91 215.7 108.1 324.2

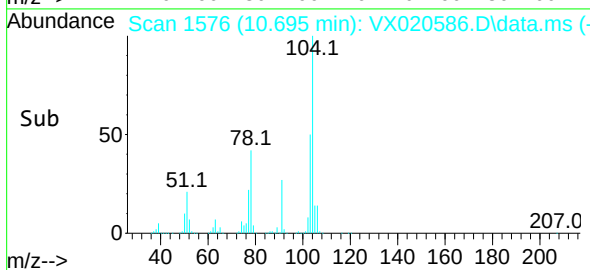
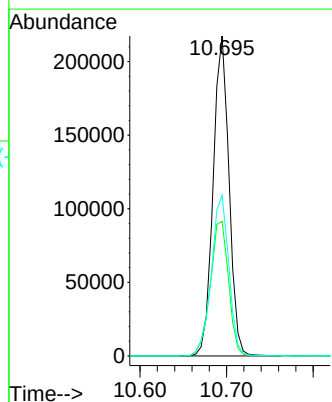
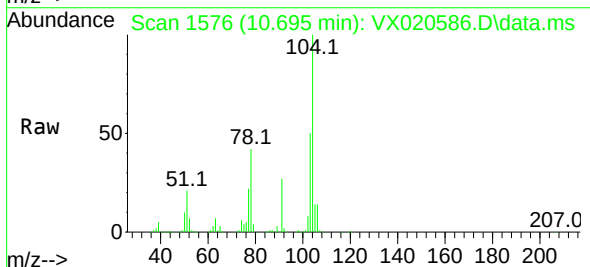
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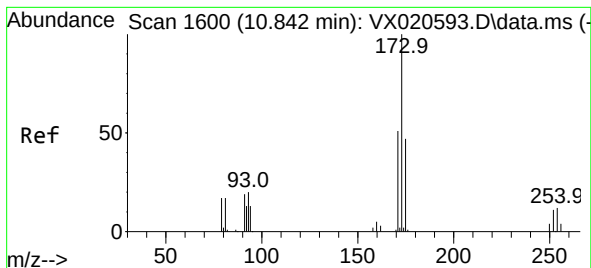
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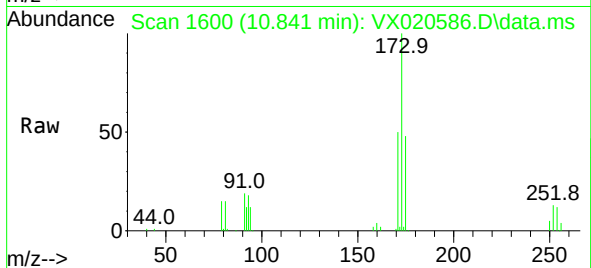
#70  
Styrene  
Concen: 55.25 ug/l  
RT: 10.695 min Scan# 1576  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion:104 Resp: 277084  
Ion Ratio Lower Upper  
104 100  
78 48.5 40.0 60.0  
103 55.2 43.4 65.0

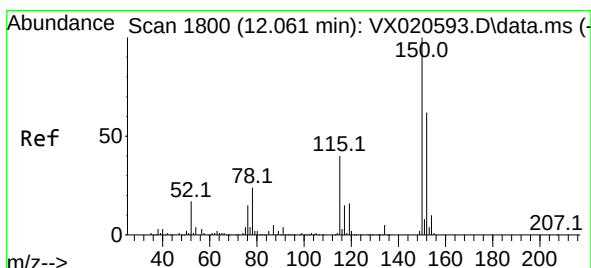
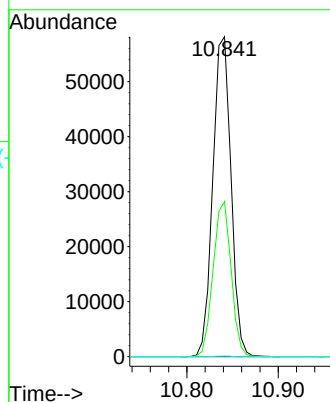
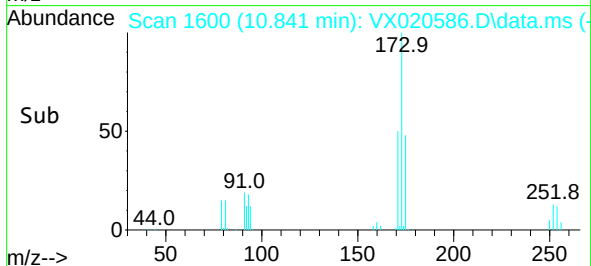




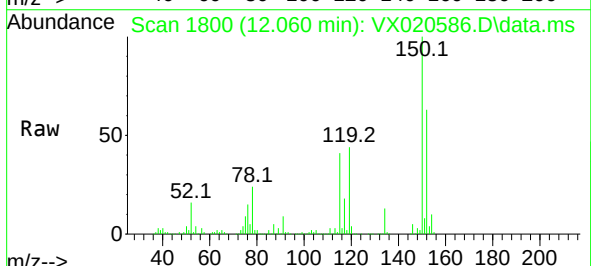
#71  
Bromoform  
Concen: 51.62 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



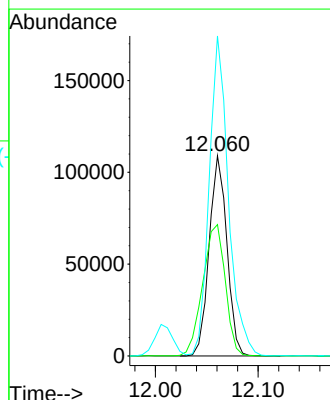
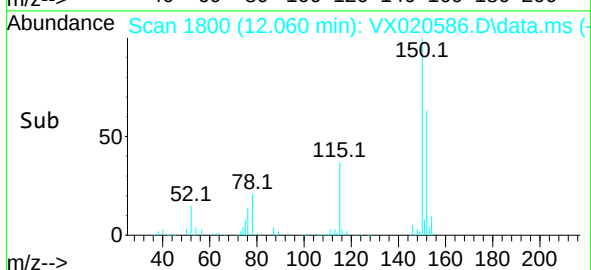
Tgt Ion:173 Resp: 80362  
Ion Ratio Lower Upper  
173 100  
175 48.0 23.9 71.8  
254 0.2 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.060 min Scan# 1800  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



Tgt Ion:152 Resp: 130802  
Ion Ratio Lower Upper  
152 100  
115 83.5 41.1 123.3  
150 173.2 0.0 349.0

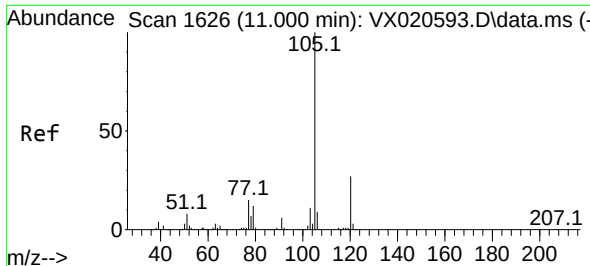


Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

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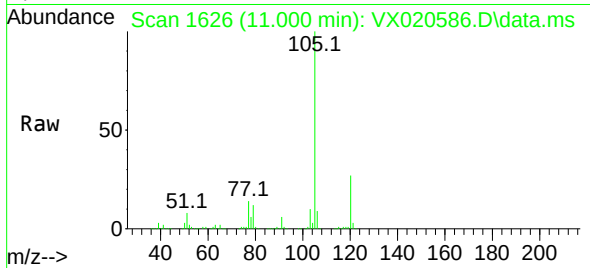
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#73  
Isopropylbenzene  
Concen: 49.95 ug/l  
RT: 11.000 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

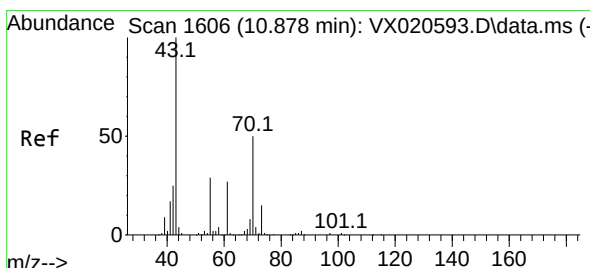
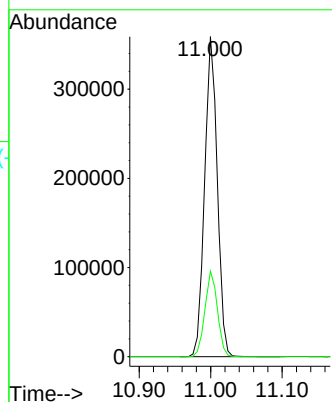
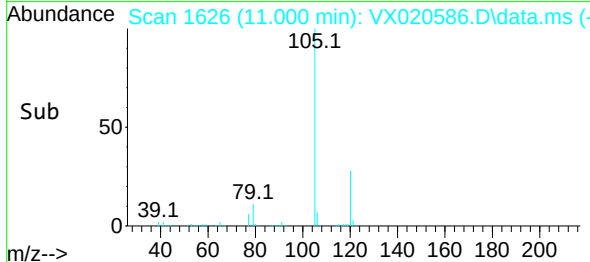
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



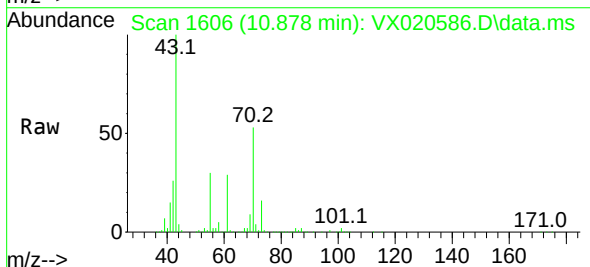
Tgt Ion:105 Resp: 440536  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.2 39.6

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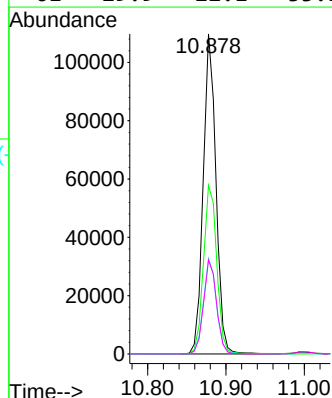
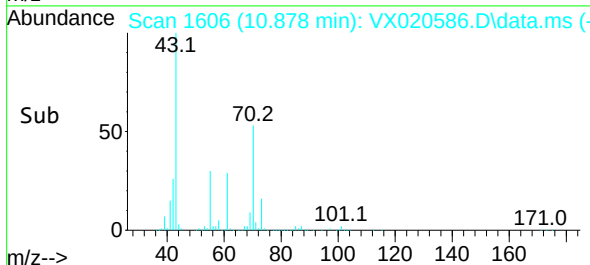
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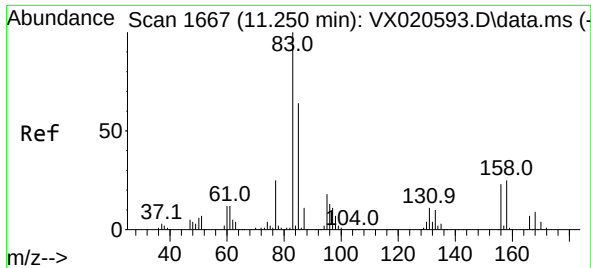


#74  
N-ethyl acetate  
Concen: 40.08 ug/l  
RT: 10.878 min Scan# 1606  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



Tgt Ion: 43 Resp: 123987  
Ion Ratio Lower Upper  
43 100  
70 55.2 39.0 58.6  
55 30.8 21.5 32.3  
61 29.9 22.1 33.1





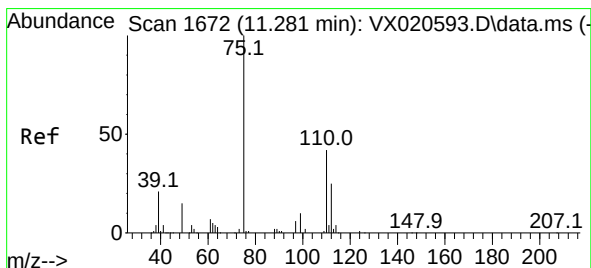
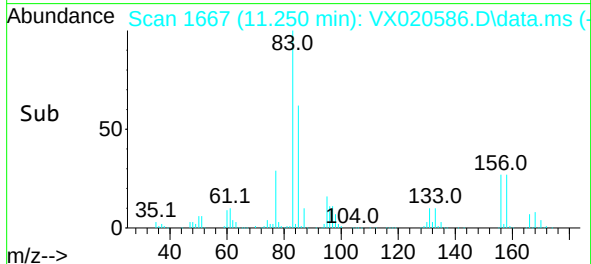
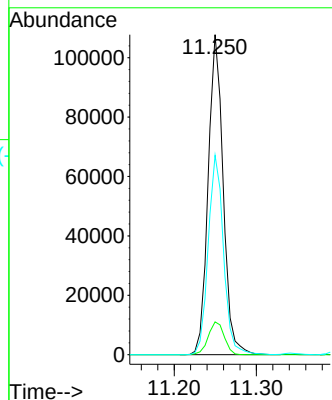
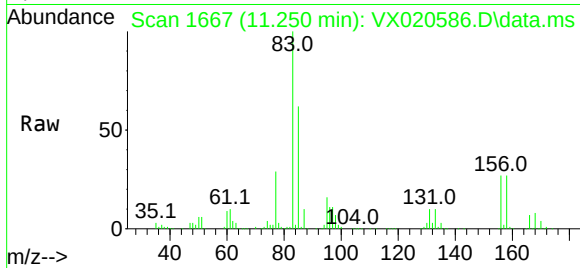
#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.53 ug/l  
RT: 11.250 min Scan# 1667  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 83 Resp: 136534  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.1 15.2  
85 63.7 31.8 95.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

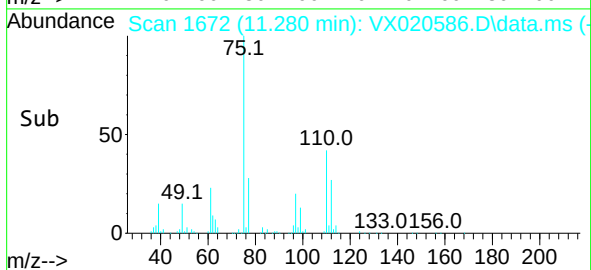
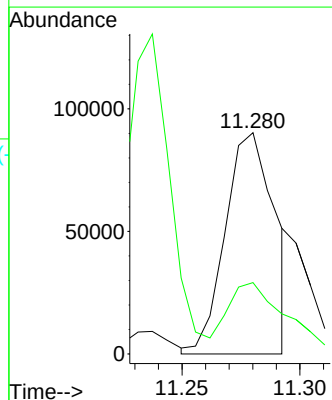
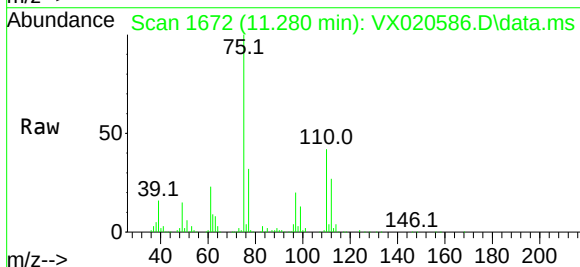
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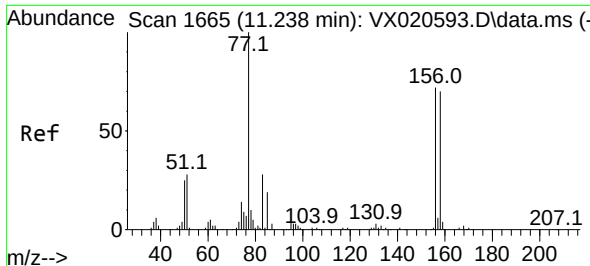
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#76  
1,2,3-Trichloropropane  
Concen: 47.78 ug/l m  
RT: 11.280 min Scan# 1672  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

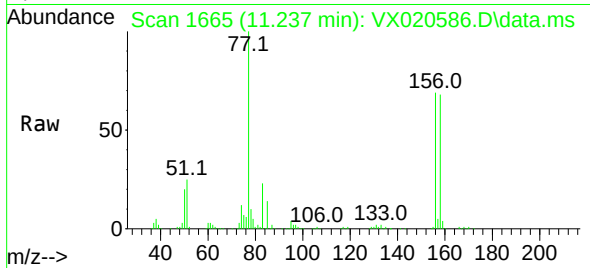
Tgt Ion: 75 Resp: 131652  
Ion Ratio Lower Upper  
75 100  
77 38.0 19.1 57.5





#77  
Bromobenzene  
Concen: 47.82 ug/l  
RT: 11.237 min Scan# 1665  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

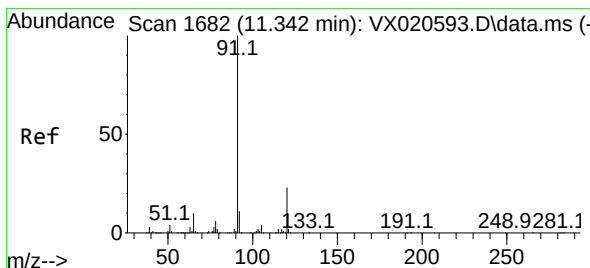
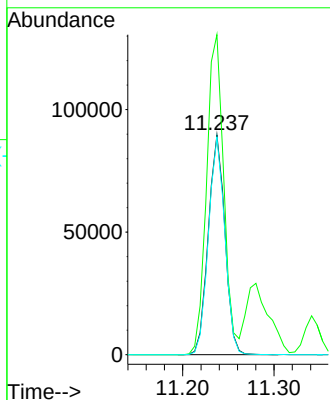
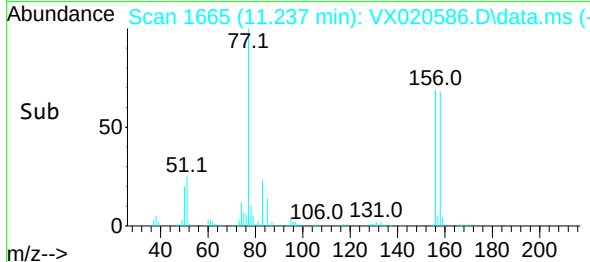
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



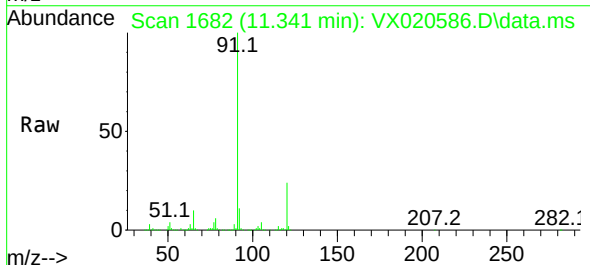
Tgt Ion:156 Resp: 112989  
Ion Ratio Lower Upper  
156 100  
77 150.7 82.8 248.6  
158 97.4 49.1 147.4

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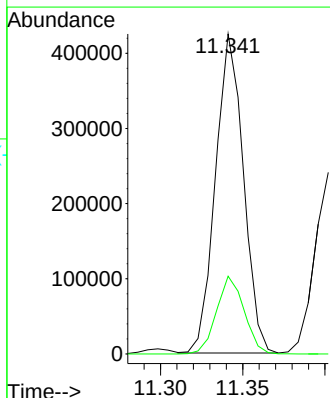
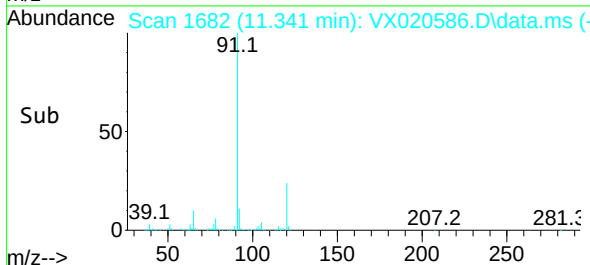
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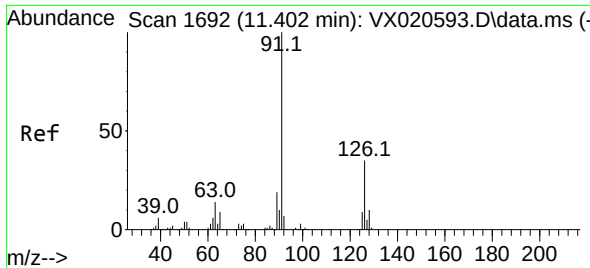


#78  
n-propylbenzene  
Concen: 51.41 ug/l  
RT: 11.341 min Scan# 1682  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



Tgt Ion: 91 Resp: 501115  
Ion Ratio Lower Upper  
91 100  
120 24.1 11.5 34.5





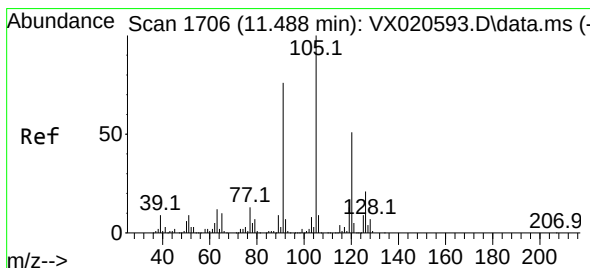
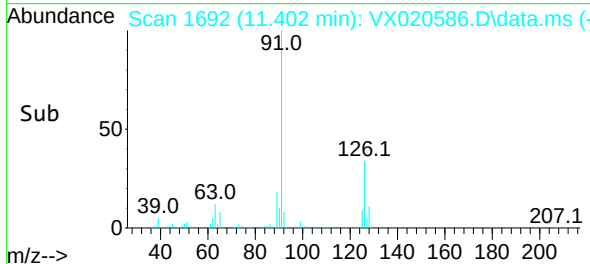
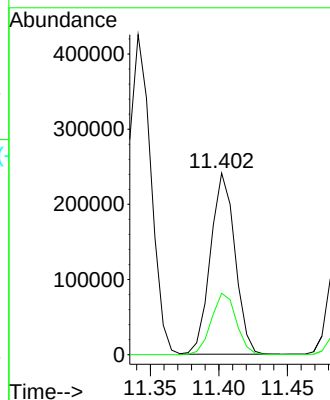
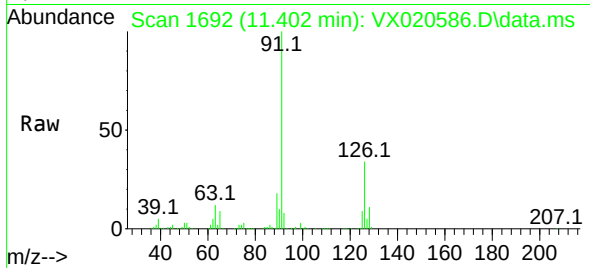
#79  
2-Chlorotoluene  
Concen: 49.81 ug/l  
RT: 11.402 min Scan# 1692  
Delta R.T. 0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 91 Resp: 299552  
Ion Ratio Lower Upper  
91 100  
126 34.5 16.6 49.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

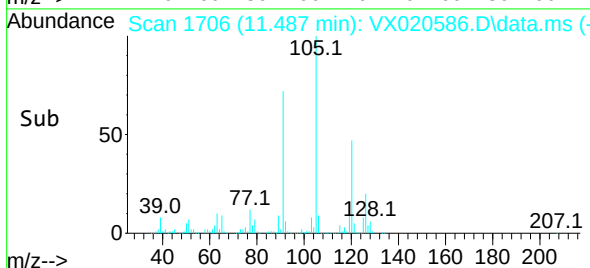
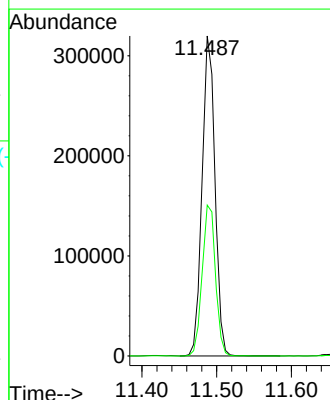
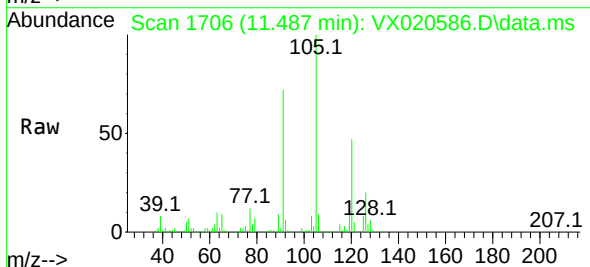
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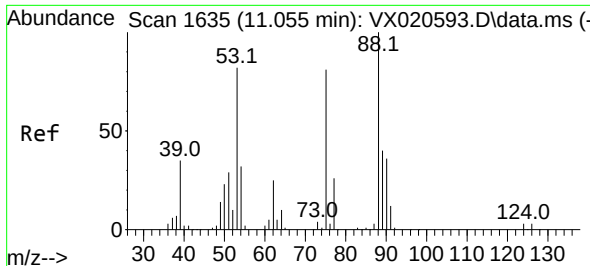
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#80  
1,3,5-Trimethylbenzene  
Concen: 51.86 ug/l  
RT: 11.487 min Scan# 1706  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 105 Resp: 383206  
Ion Ratio Lower Upper  
105 100  
120 48.8 23.8 71.5





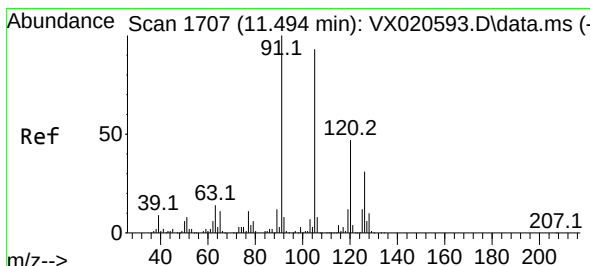
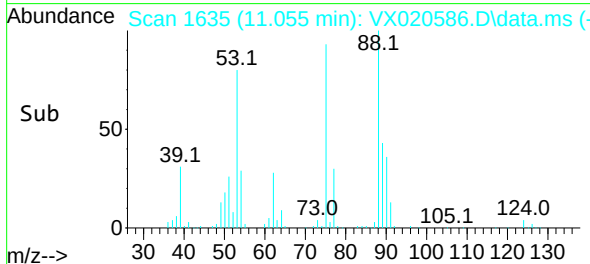
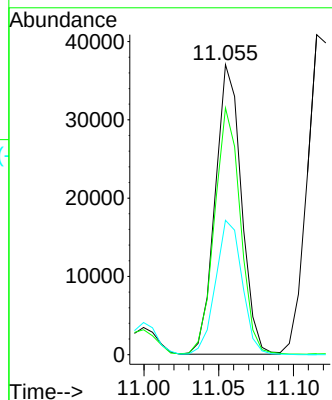
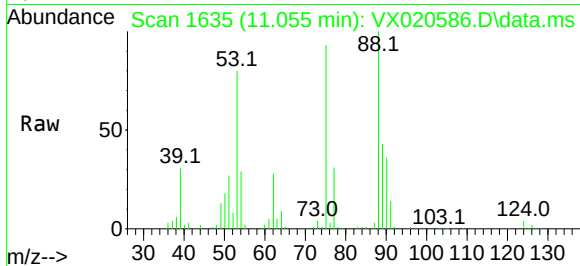
#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.51 ug/l  
RT: 11.055 min Scan# 1635  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 84.1  | 74.5  | 111.7 |
| 89      | 47.3  | 37.9  | 56.9  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

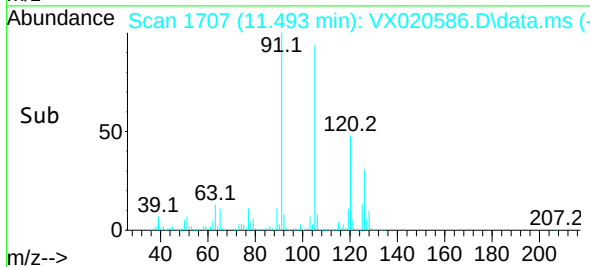
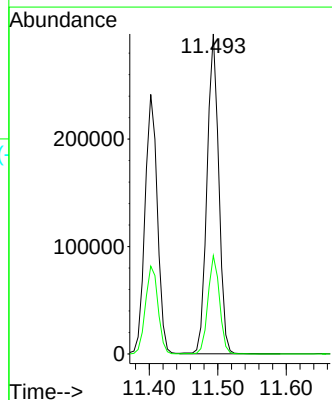
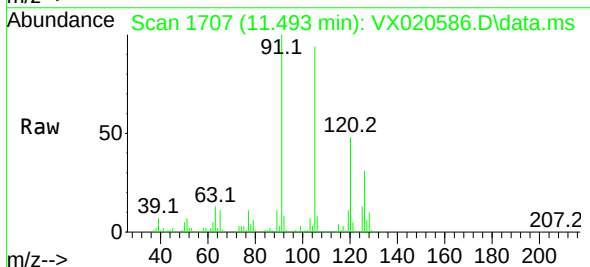
Manual Integrations  
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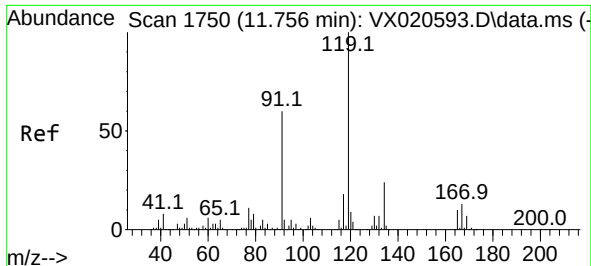
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#82  
4-Chlorotoluene  
Concen: 49.73 ug/l  
RT: 11.493 min Scan# 1707  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.3  | 14.9  | 44.5  |





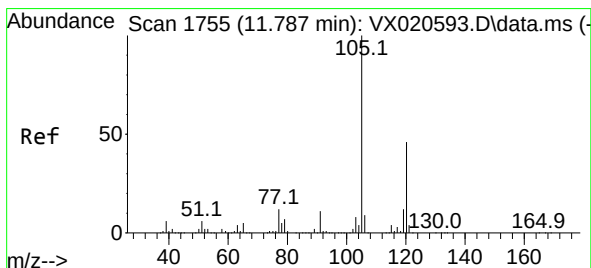
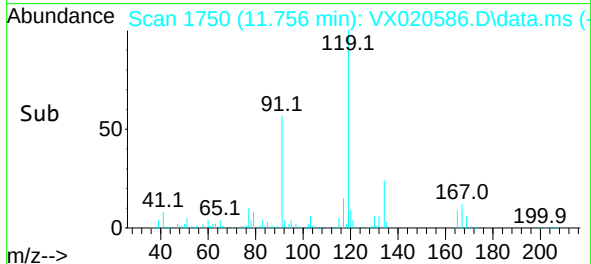
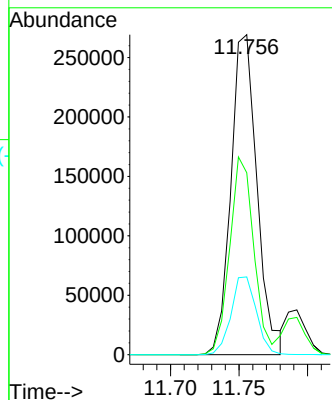
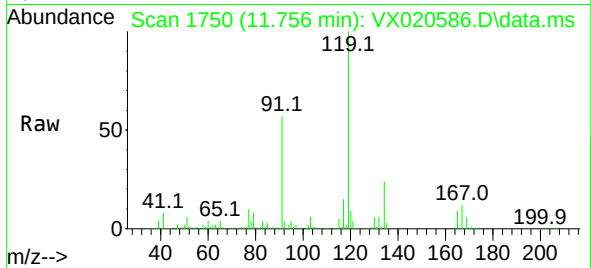
#83  
tert-Butylbenzene  
Concen: 50.49 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion:119 Resp: 358393  
Ion Ratio Lower Upper  
119 100  
91 56.9 27.9 83.7  
134 23.6 11.3 33.9

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

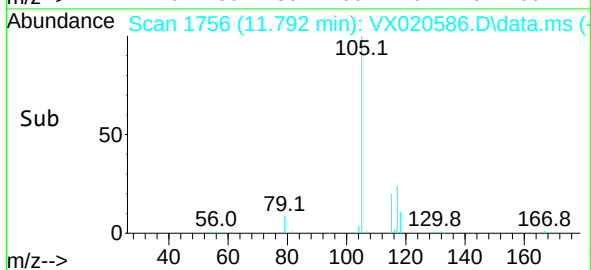
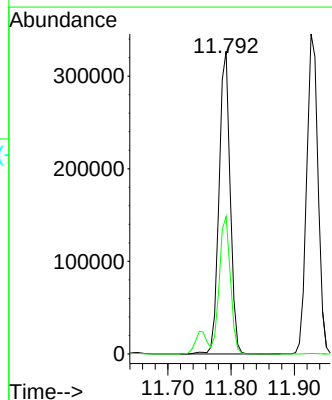
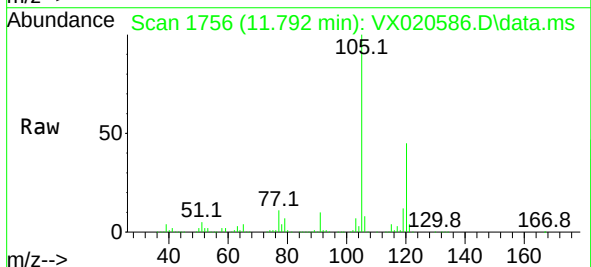
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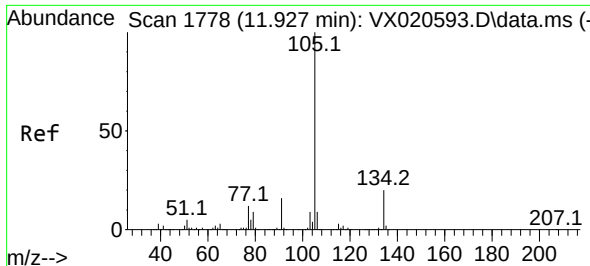
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#84  
1,2,4-Trimethylbenzene  
Concen: 53.70 ug/l  
RT: 11.792 min Scan# 1756  
Delta R.T. 0.005 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

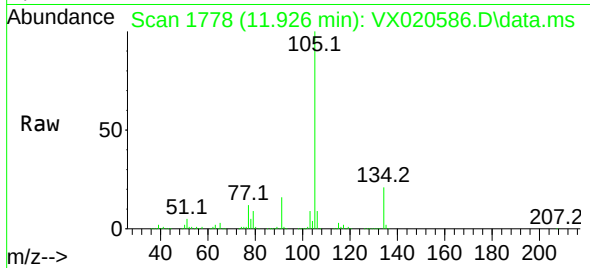
Tgt Ion:105 Resp: 396690  
Ion Ratio Lower Upper  
105 100  
120 45.2 22.4 67.3





#85  
 sec-Butylbenzene  
 Concen: 51.77 ug/l  
 RT: 11.926 min Scan# 1778  
 Delta R.T. -0.001 min  
 Lab File: VX020586.D  
 Acq: 13 Jan 2021 11:37

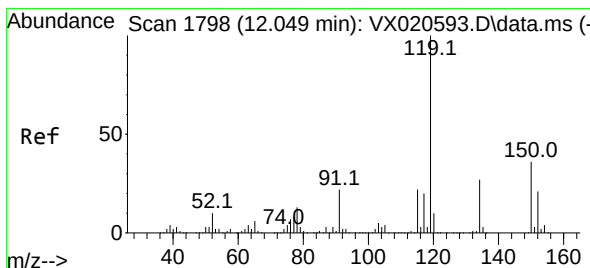
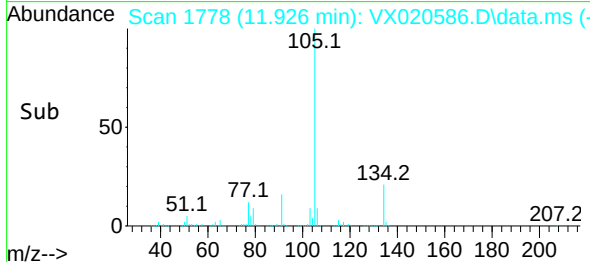
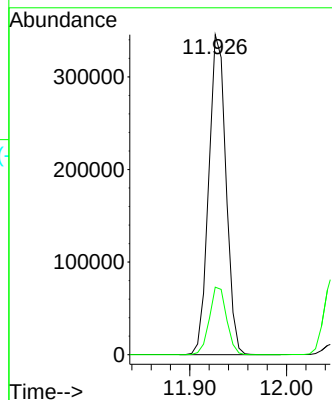
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050



Tgt Ion:105 Resp: 428799  
 Ion Ratio Lower Upper  
 105 100  
 134 21.0 10.0 29.8

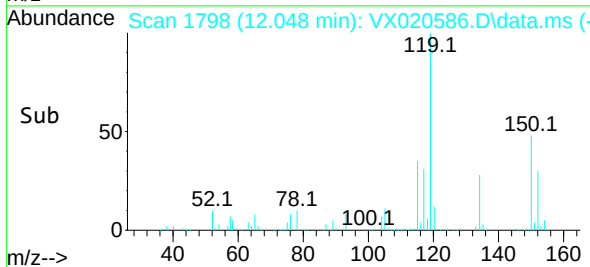
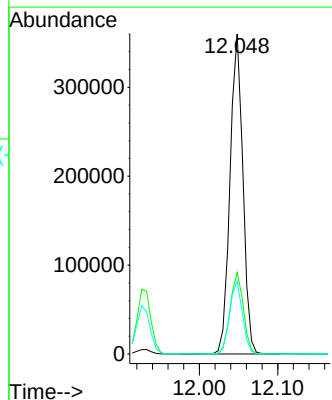
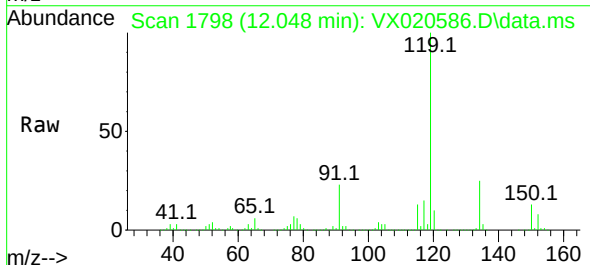
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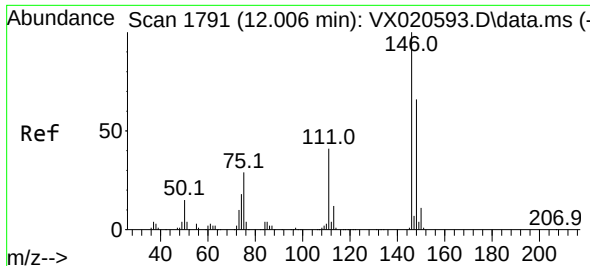
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#86  
 p-Isopropyltoluene  
 Concen: 53.50 ug/l  
 RT: 12.048 min Scan# 1798  
 Delta R.T. -0.001 min  
 Lab File: VX020586.D  
 Acq: 13 Jan 2021 11:37

Tgt Ion:119 Resp: 411502  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.9 38.7  
 91 22.9 11.7 35.0





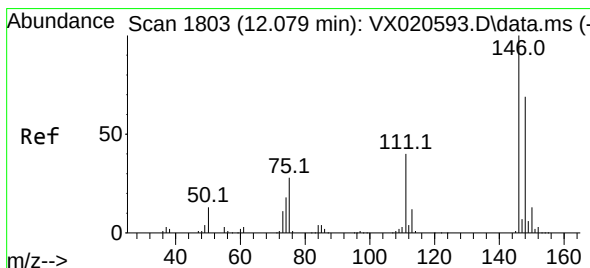
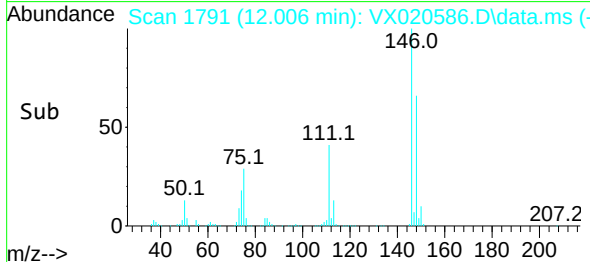
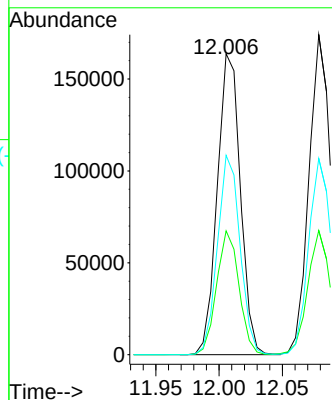
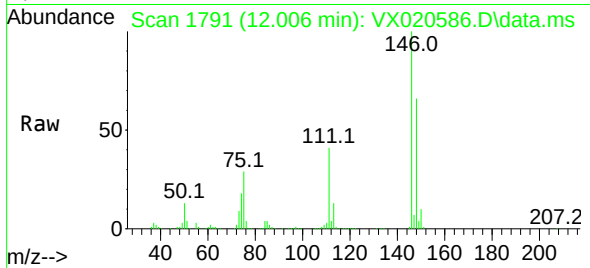
#87  
1,3-Dichlorobenzene  
Concen: 48.11 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion:146 Resp: 207736  
Ion Ratio Lower Upper  
146 100  
111 39.9 20.2 60.5  
148 64.7 31.9 95.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

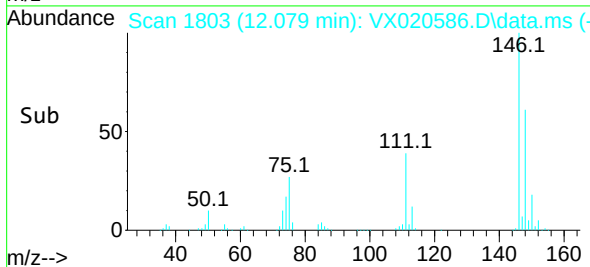
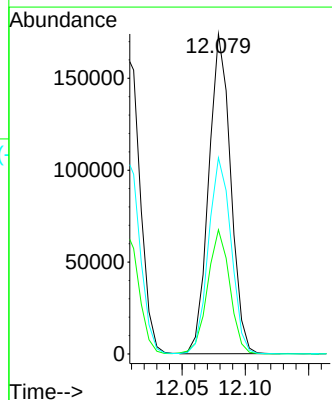
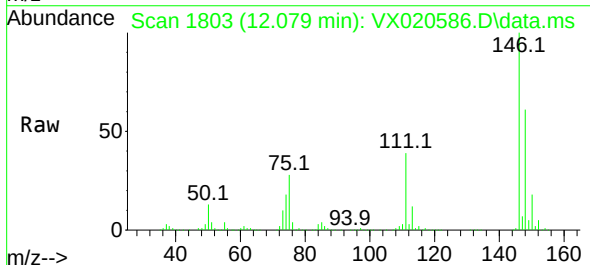
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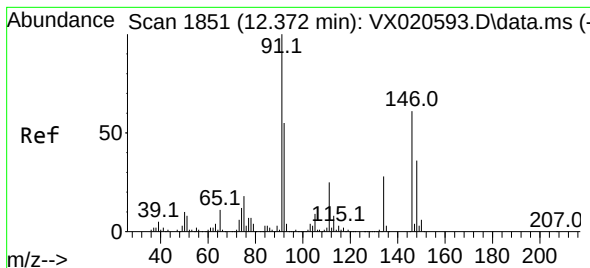


#88  
1,4-Dichlorobenzene  
Concen: 47.40 ug/l  
RT: 12.079 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion:146 Resp: 209844  
Ion Ratio Lower Upper  
146 100  
111 39.3 19.6 58.8  
148 63.7 31.6 95.0

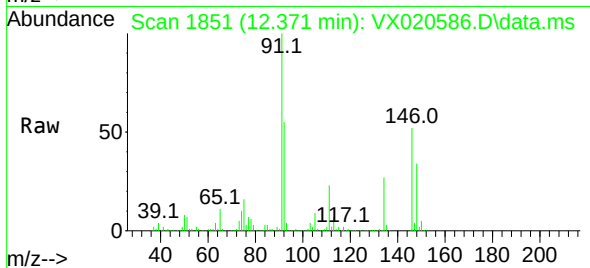






#89  
n-Butylbenzene  
Concen: 52.84 ug/l  
RT: 12.371 min Scan# 1851  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

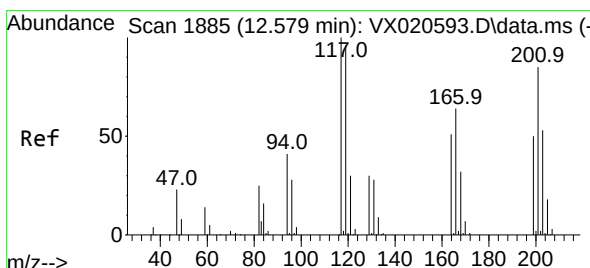
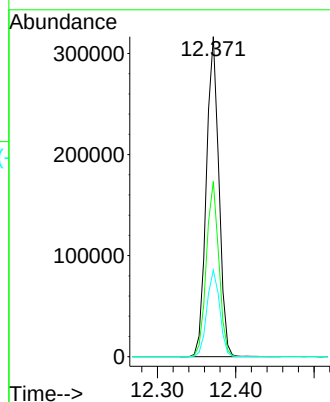
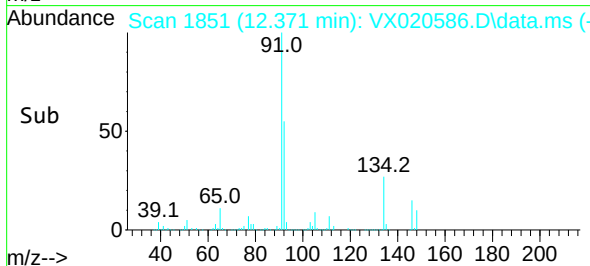
Instrument :  
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ClientSampleId :  
VSTDCCC050



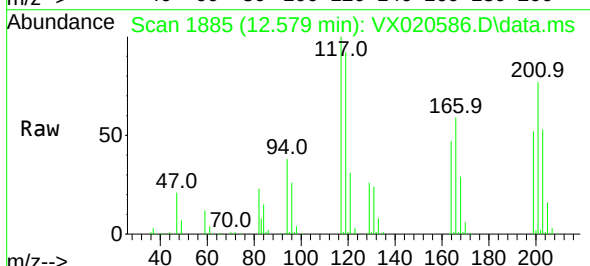
Tgt Ion: 91 Resp: 351741  
Ion Ratio Lower Upper  
91 100  
92 54.2 27.4 82.0  
134 27.4 13.2 39.5

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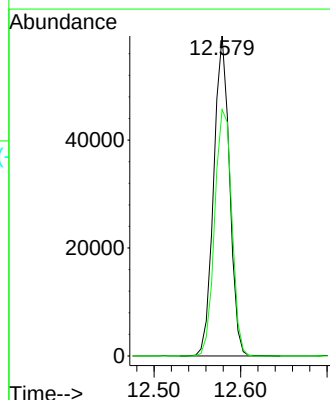
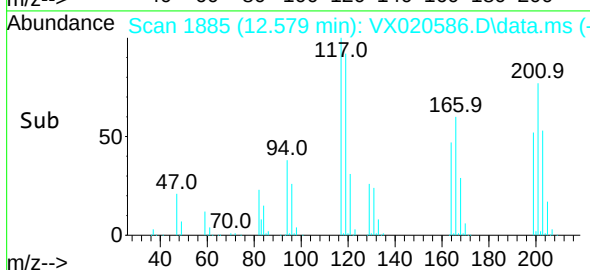
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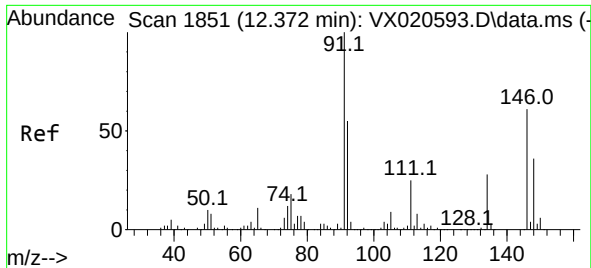


#90  
Hexachloroethane  
Concen: 52.02 ug/l  
RT: 12.579 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VX020586.D  
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Tgt Ion: 117 Resp: 75465  
Ion Ratio Lower Upper  
117 100  
201 82.8 40.4 121.2





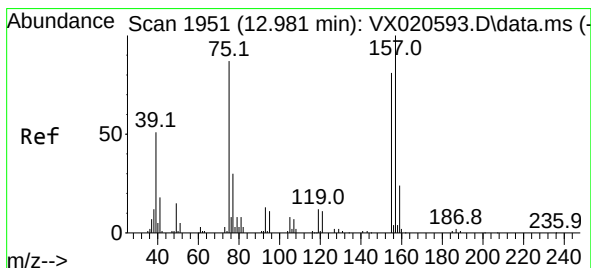
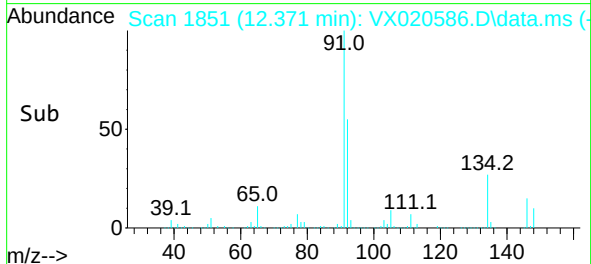
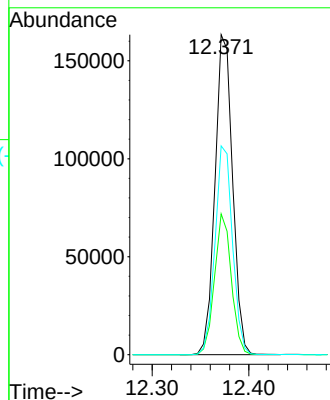
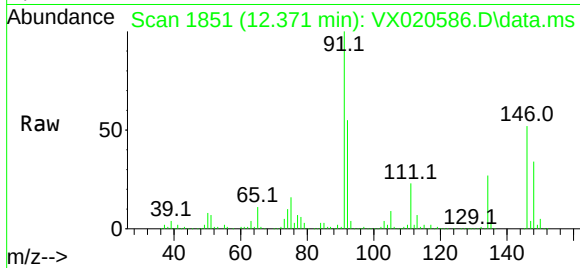
#91  
1,2-Dichlorobenzene  
Concen: 48.37 ug/l  
RT: 12.371 min Scan# 1851  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion: 146 Resp: 206246  
Ion Ratio Lower Upper  
146 100  
111 42.1 20.8 62.2  
148 64.9 31.9 95.5

Instrument :  
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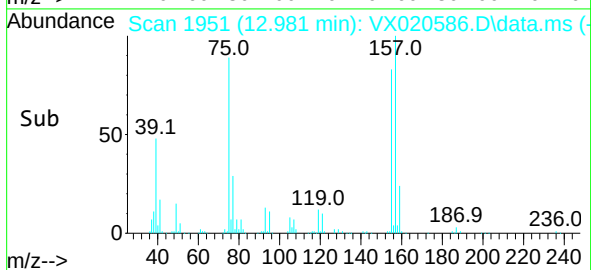
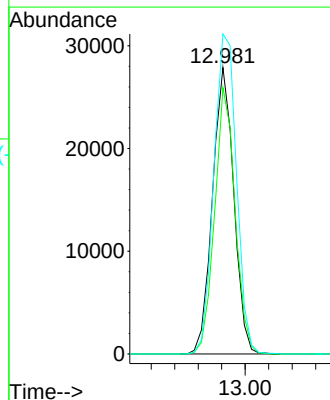
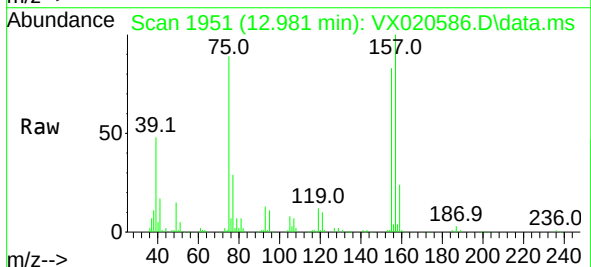
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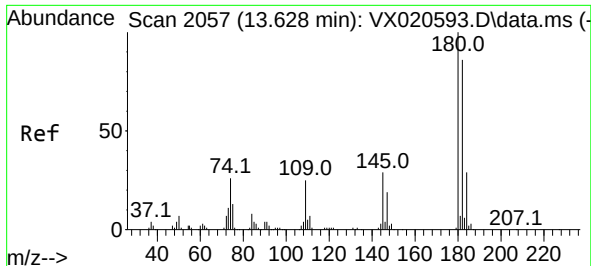
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.97 ug/l  
RT: 12.981 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

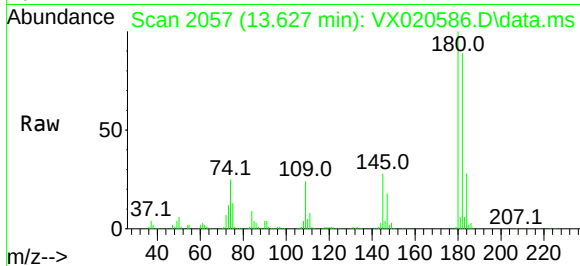
Tgt Ion: 75 Resp: 35050  
Ion Ratio Lower Upper  
75 100  
155 89.3 45.3 135.9  
157 118.8 57.7 173.1





#93  
1,2,4-Trichlorobenzene  
Concen: 52.54 ug/l  
RT: 13.627 min Scan# 2057  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

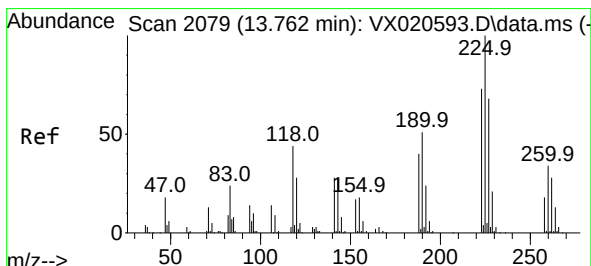
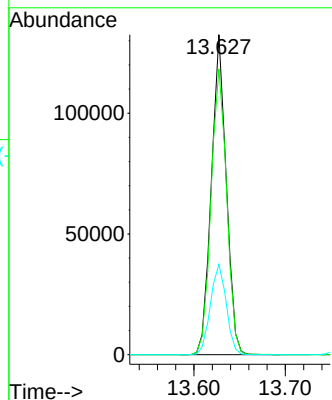
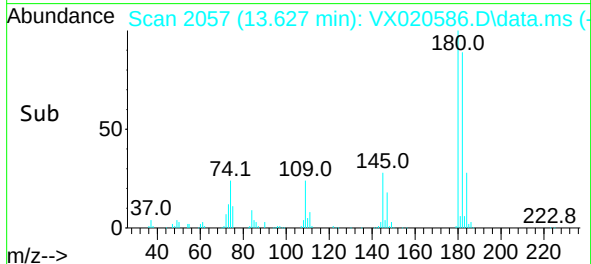
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



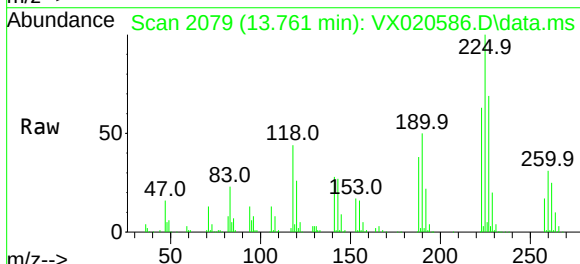
Tgt Ion:180 Resp: 149355  
Ion Ratio Lower Upper  
180 100  
182 93.7 47.7 143.1  
145 30.0 15.0 45.0

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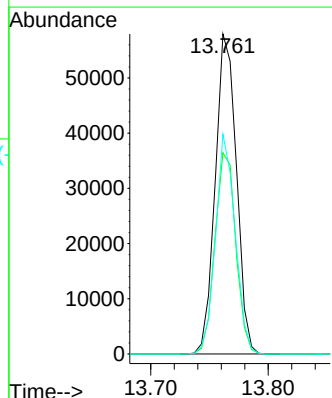
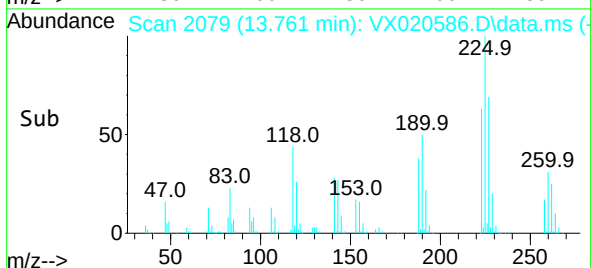
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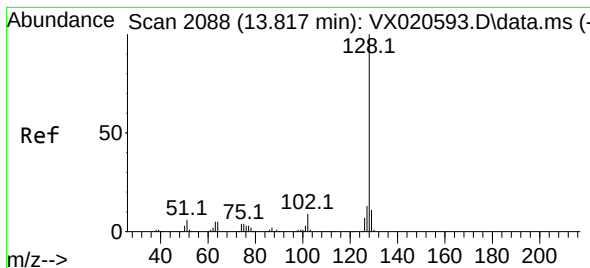


#94  
Hexachlorobutadiene  
Concen: 49.93 ug/l  
RT: 13.761 min Scan# 2079  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37



Tgt Ion:225 Resp: 72445  
Ion Ratio Lower Upper  
225 100  
223 62.2 31.1 93.2  
227 64.0 31.6 95.0





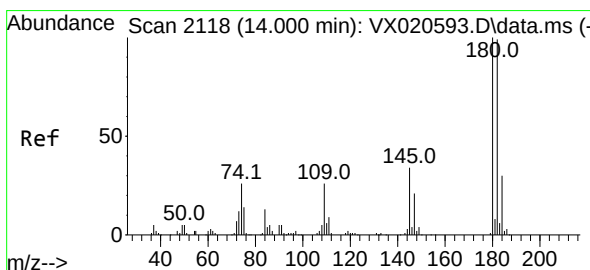
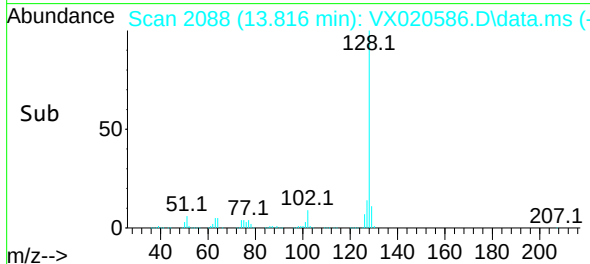
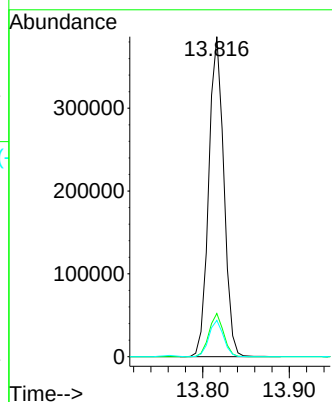
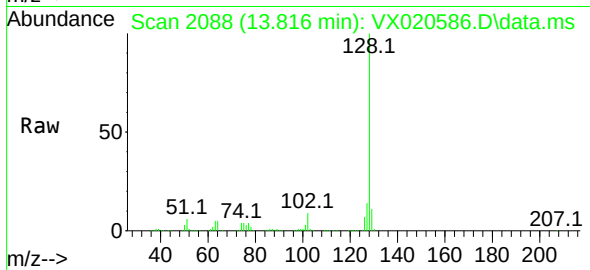
#95  
Naphthalene  
Concen: 48.41 ug/l  
RT: 13.816 min Scan# 2088  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion:128 Resp: 467189  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.3 15.5  
129 11.0 8.8 13.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

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#96  
1,2,3-Trichlorobenzene  
Concen: 52.48 ug/l  
RT: 13.999 min Scan# 2118  
Delta R.T. -0.001 min  
Lab File: VX020586.D  
Acq: 13 Jan 2021 11:37

Tgt Ion:180 Resp: 151716  
Ion Ratio Lower Upper  
180 100  
182 92.2 47.6 142.9  
145 31.0 16.1 48.3

