

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121620\  
 Data File : VX020061.D  
 Acq On : 16 Dec 2020 13:17  
 Operator : JC/MD  
 Sample : VX1216WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 17 00:31:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\624X120820W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Dec 09 06:09:21 2020  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-----------|----------|
| -----                        |        |       |          |          |           |          |
| Internal Standards           |        |       |          |          |           |          |
| 1) Bromochloromethane        | 4.977  | 128   | 48969    | 30.00    | ug/l      | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.824  | 114   | 264591   | 30.00    | ug/l      | 0.00     |
| 57) Chlorobenzene-d5         | 10.092 | 117   | 244215   | 30.00    | ug/l      | 0.00     |
| System Monitoring Compounds  |        |       |          |          |           |          |
| 27) 1,2-Dichloroethane-d4    | 6.025  | 65    | 106812   | 31.47    | ug/l      | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 104.90% |          |
| 60) 4-Bromofluorobenzene     | 11.116 | 95    | 122408   | 29.85    | ug/l      | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 99.50%  |          |
| 63) Toluene-d8               | 8.696  | 98    | 324112   | 30.30    | ug/l      | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 101.00% |          |
| Target Compounds             |        |       |          |          |           |          |
|                              |        |       |          |          | Qvalue    |          |
| 2) Dichlorodifluoromethane   | 1.185  | 85    | 42658    | 16.39    | ug/l      | 97       |
| 3) Chloromethane             | 1.313  | 50    | 47307    | 17.03    | ug/l      | 97       |
| 4) Vinyl Chloride            | 1.392  | 62    | 55755    | 17.35    | ug/l      | 98       |
| 5) Bromomethane              | 1.624  | 94    | 30673    | 24.66    | ug/l      | 97       |
| 6) Chloroethane              | 1.709  | 64    | 36962    | 18.24    | ug/l      | 97       |
| 7) Trichlorofluoromethane    | 1.916  | 101   | 82116    | 18.14    | ug/l      | 98       |
| 8) Diethyl Ether             | 2.166  | 74    | 35653    | 18.97    | ug/l      | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 2.367  | 101   | 47563    | 18.27    | ug/l      | 97       |
| 10) 1,1-Dichloroethene       | 2.355  | 96    | 44968    | 17.01    | ug/l      | 97       |
| 11) Methyl Iodide            | 2.489  | 142   | 48298    | 13.98    | ug/l      | 99       |
| 12) Methyl Acetate           | 2.745  | 43    | 75560    | 21.95    | ug/l      | 96       |
| 13) Acrolein                 | 2.270  | 56    | 45581    | 93.47    | ug/l      | 100      |
| 14) Acrylonitrile            | 3.111  | 53    | 172256   | 102.96   | ug/l      | 99       |
| 15) Acetone                  | 2.416  | 58    | 50929    | 102.31   | ug/l      | 99       |
| 16) Carbon Disulfide         | 2.550  | 76    | 109987   | 15.20    | ug/l      | 99       |
| 17) Allyl chloride           | 2.703  | 41    | 80487    | 18.50    | ug/l      | 98       |
| 18) Methylene Chloride       | 2.831  | 84    | 61885    | 18.98    | ug/l      | 98       |
| 19) trans-1,2-Dichloroethene | 3.142  | 96    | 52805    | 17.22    | ug/l      | 94       |
| 20) Diisopropyl ether        | 3.818  | 45    | 182763   | 20.24    | ug/l      | 96       |
| 21) 1,1-Dichloroethane       | 3.666  | 63    | 103882   | 19.22    | ug/l      | 99       |
| 22) cis-1,2-Dichloroethene   | 4.562  | 96    | 65939    | 18.61    | ug/l      | 99       |
| 23) tert-Butyl Alcohol       | 3.008  | 59    | 73622    | 93.46    | ug/l #    | 100      |
| 24) Methyl tert-Butyl Ether  | 3.160  | 73    | 186688   | 19.40    | ug/l      | 100      |
| 25) Chloroform               | 5.172  | 83    | 109341   | 19.60    | ug/l      | 98       |
| 26) Cyclohexane              | 5.544  | 56    | 80745    | 17.40    | ug/l #    | 96       |
| 29) 1,1-Dichloropropene      | 5.763  | 75    | 74036    | 18.03    | ug/l      | 100      |
| 30) 2-Butanone               | 4.629  | 43    | 222515   | 102.27   | ug/l      | 100      |
| 31) 2,2-Dichloropropane      | 4.544  | 77    | 86015    | 18.55    | ug/l      | 99       |
| 32) 1,1,1-Trichloroethane    | 5.458  | 97    | 88893    | 18.69    | ug/l      | 99       |
| 33) Carbon Tetrachloride     | 5.751  | 117   | 73089    | 17.86    | ug/l      | 97       |
| 34) Benzene                  | 6.111  | 78    | 236764   | 18.85    | ug/l      | 99       |
| 35) Methacrylonitrile        | 4.995  | 41    | 46001    | 20.45    | ug/l      | 98       |
| 36) 1,2-Dichloroethane       | 6.153  | 62    | 85533    | 19.82    | ug/l      | 100      |
| 37) Trichloroethene          | 7.184  | 130   | 59786    | 18.14    | ug/l      | 99       |
| 38) Methylcyclohexane        | 7.434  | 83    | 85243    | 17.45    | ug/l      | 98       |
| 39) 1,2-Dichloropropane      | 7.488  | 63    | 63606    | 20.14    | ug/l      | 100      |
| 40) Dibromomethane           | 7.635  | 93    | 41716    | 19.32    | ug/l      | 98       |
| 41) Bromodichloromethane     | 7.873  | 83    | 82482    | 19.21    | ug/l      | 99       |
| 42) Vinyl Acetate            | 3.782  | 43    | 756888   | 99.29    | ug/l      | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121620\  
 Data File : VX020061.D  
 Acq On : 16 Dec 2020 13:17  
 Operator : JC/MD  
 Sample : VX1216WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

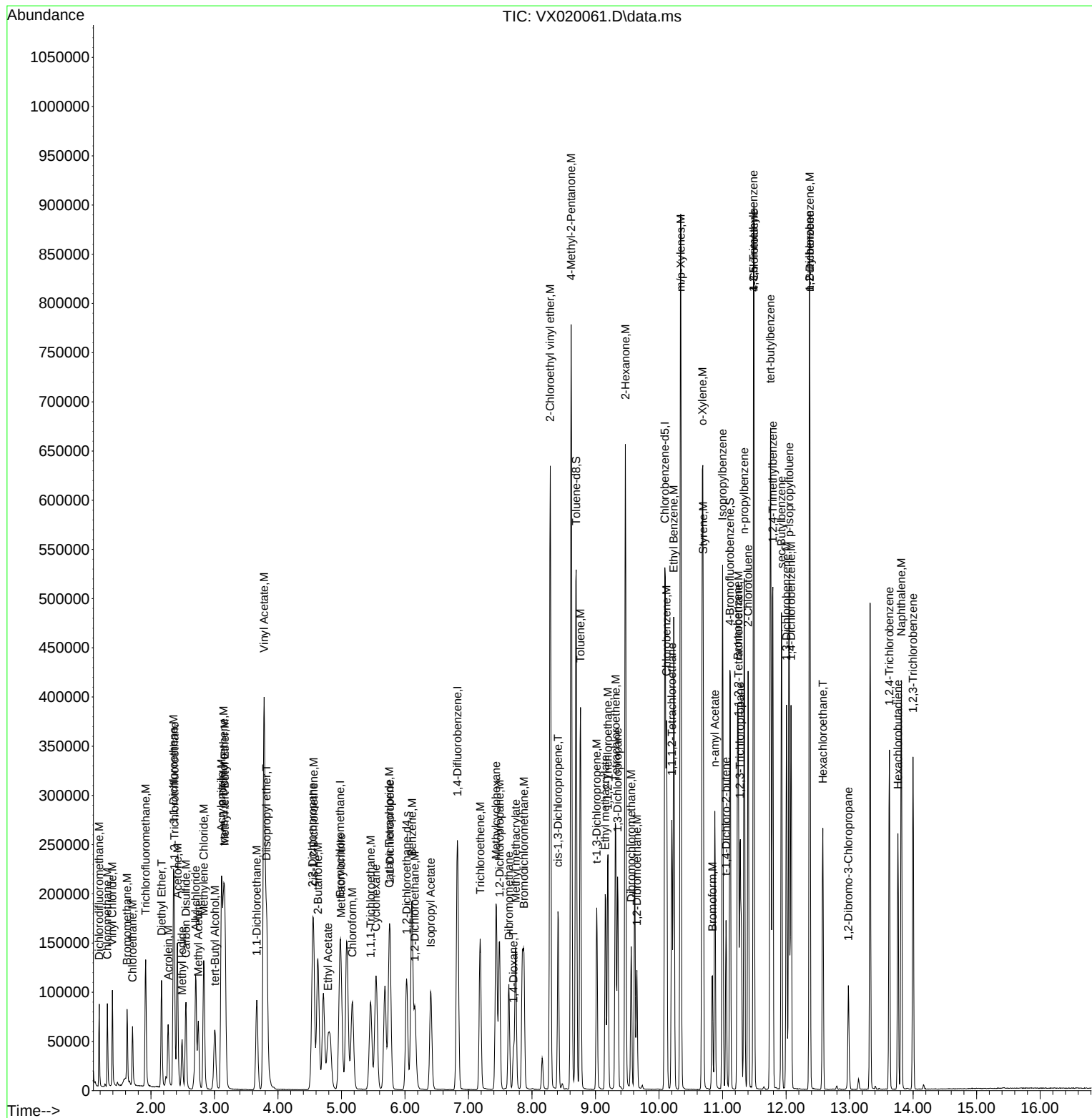
Instrument :  
 MSVOA\_X  
 ClientSampleId :

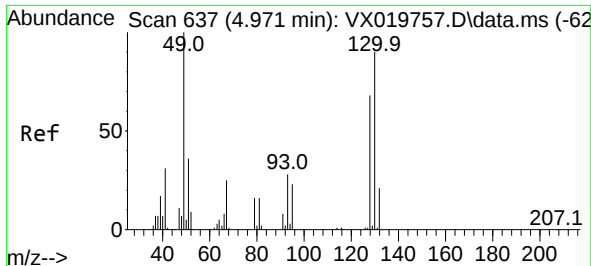
Quant Time: Dec 17 00:31:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\624X120820W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Dec 09 06:09:21 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 43) Ethyl Acetate             | 4.788  | 43   | 80403    | 19.50  | ug/l  | 97       |
| 44) Isopropyl Acetate         | 6.403  | 43   | 130901   | 19.50  | ug/l  | 100      |
| 45) 1,4-Dioxane               | 7.708  | 88   | 30630    | 377.09 | ug/l  | 98       |
| 46) Methyl methacrylate       | 7.745  | 41   | 65742    | 19.88  | ug/l  | 99       |
| 47) n-amyl Acetate            | 10.878 | 43   | 106299   | 18.48  | ug/l  | 98       |
| 48) t-1,3-Dichloropropene     | 9.019  | 75   | 86889    | 18.18  | ug/l  | 98       |
| 49) cis-1,3-Dichloropropene   | 8.409  | 75   | 96248    | 18.41  | ug/l  | 98       |
| 50) 1,1,2-Trichloroethane     | 9.195  | 97   | 65437    | 20.32  | ug/l  | 99       |
| 51) Ethyl methacrylate        | 9.153  | 69   | 90951    | 18.40  | ug/l  | 99       |
| 52) 1,3-Dichloropropane       | 9.348  | 76   | 108906   | 20.09  | ug/l  | 98       |
| 53) Dibromochloromethane      | 9.561  | 129  | 62383    | 18.38  | ug/l  | 98       |
| 54) 1,2-Dibromoethane         | 9.653  | 107  | 65725    | 19.26  | ug/l  | 97       |
| 55) 2-Chloroethyl vinyl ether | 8.287  | 63   | 252512   | 98.74  | ug/l  | 99       |
| 56) Bromoform                 | 10.842 | 173  | 44729    | 17.70  | ug/l  | 99       |
| 58) 4-Methyl-2-Pentanone      | 8.616  | 43   | 424009   | 101.62 | ug/l  | 99       |
| 59) 2-Hexanone                | 9.470  | 43   | 322611   | 99.06  | ug/l  | 99       |
| 61) Tetrachloroethene         | 9.317  | 164  | 55297    | 19.19  | ug/l  | 92       |
| 62) Toluene                   | 8.763  | 91   | 253170   | 18.77  | ug/l  | 100      |
| 64) Chlorobenzene             | 10.116 | 112  | 156426   | 18.50  | ug/l  | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 10.201 | 131  | 57356    | 18.29  | ug/l  | 97       |
| 66) Ethyl Benzene             | 10.232 | 91   | 275316   | 18.18  | ug/l  | 97       |
| 67) m/p-Xylenes               | 10.342 | 106  | 207777   | 36.32  | ug/l  | 98       |
| 68) o-Xylene                  | 10.683 | 106  | 98573    | 17.75  | ug/l  | 95       |
| 69) Styrene                   | 10.695 | 104  | 169482   | 17.96  | ug/l  | 98       |
| 70) Isopropylbenzene          | 11.000 | 105  | 271131   | 18.32  | ug/l  | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 11.250 | 83   | 100262   | 19.58  | ug/l  | 99       |
| 72) 1,2,3-Trichloropropane    | 11.274 | 75   | 113824   | 23.82  | ug/l  | 89       |
| 73) Bromobenzene              | 11.238 | 156  | 67548    | 17.93  | ug/l  | 95       |
| 74) n-propylbenzene           | 11.341 | 91   | 316129   | 18.47  | ug/l  | 98       |
| 75) 2-Chlorotoluene           | 11.402 | 91   | 194912   | 18.76  | ug/l  | 98       |
| 76) 1,3,5-Trimethylbenzene    | 11.488 | 105  | 228780   | 18.24  | ug/l  | 100      |
| 77) t-1,4-Dichloro-2-butene   | 11.055 | 75   | 29030    | 16.83  | ug/l  | 95       |
| 78) 4-Chlorotoluene           | 11.494 | 91   | 224806   | 18.72  | ug/l  | 99       |
| 79) tert-butylbenzene         | 11.756 | 119  | 219808   | 17.90  | ug/l  | 98       |
| 80) 1,2,4-Trimethylbenzene    | 11.793 | 105  | 234036   | 18.58  | ug/l  | 98       |
| 81) sec-Butylbenzene          | 11.927 | 105  | 261478   | 18.40  | ug/l  | 100      |
| 82) p-Isopropyltoluene        | 12.049 | 119  | 232912   | 17.88  | ug/l  | 99       |
| 83) 1,3-Dichlorobenzene       | 12.006 | 146  | 124307   | 18.30  | ug/l  | 99       |
| 84) 1,4-Dichlorobenzene       | 12.079 | 146  | 123277   | 18.04  | ug/l  | 97       |
| 85) n-Butylbenzene            | 12.372 | 91   | 205699   | 17.96  | ug/l  | 99       |
| 86) Hexachloroethane          | 12.579 | 117  | 38726    | 16.89  | ug/l  | 99       |
| 87) 1,2-Dichlorobenzene       | 12.372 | 146  | 125315   | 18.78  | ug/l  | 98       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.981 | 75   | 20492    | 18.40  | ug/l  | 96       |
| 89) 1,2,4-Trichlorobenzene    | 13.628 | 180  | 79945    | 18.15  | ug/l  | 99       |
| 90) Hexachlorobutadiene       | 13.762 | 225  | 36249    | 18.81  | ug/l  | 98       |
| 91) Naphthalene               | 13.817 | 128  | 259943   | 18.02  | ug/l  | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.999 | 180  | 78537    | 18.16  | ug/l  | 98       |

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

Quant Time: Dec 17 00:31:53 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\624X120820W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Wed Dec 09 06:09:21 2020  
Response via : Initial Calibration

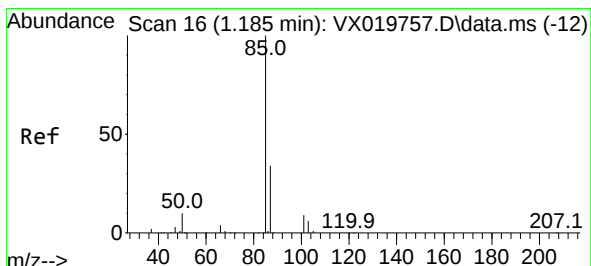
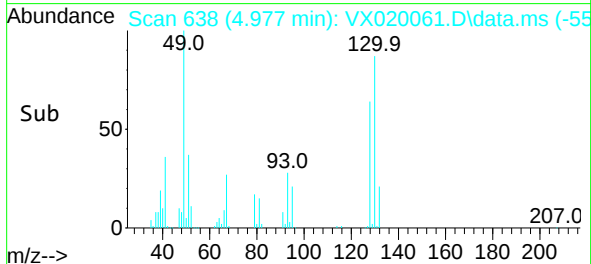
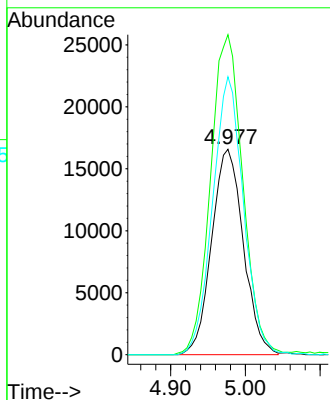
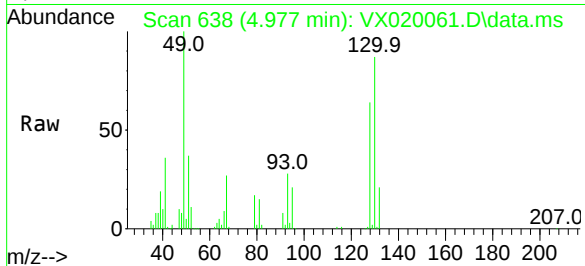




#1  
Bromochloromethane  
Concen: 30.00 ug/l  
RT: 4.977 min Scan# 638  
Delta R.T. 0.006 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

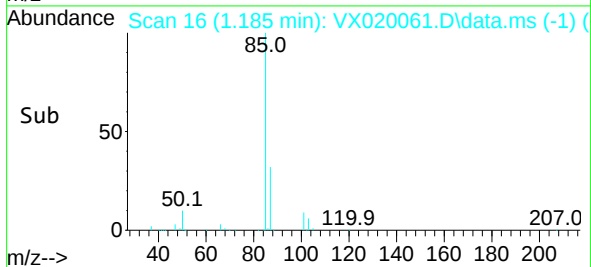
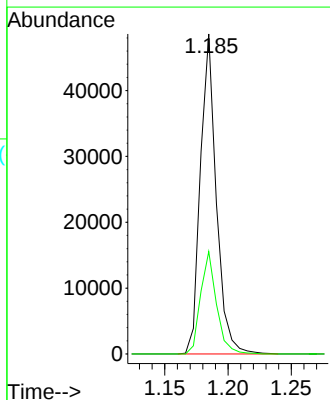
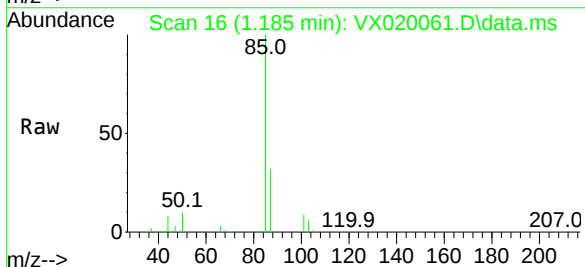
Instrument :  
MSVOA\_X  
ClientSampled :

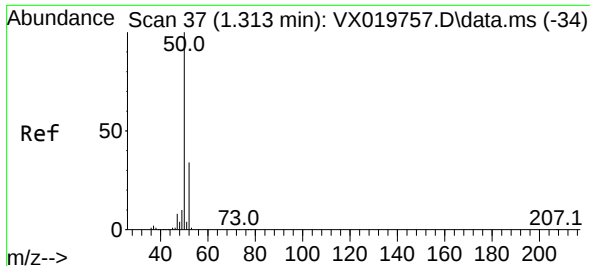
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 49      | 158.2 | 0.0   | 367.5 |
| 130     | 131.6 | 0.0   | 318.8 |



#2  
Dichlorodifluoromethane  
Concen: 16.39 ug/l  
RT: 1.185 min Scan# 16  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 32.0  | 16.8  | 50.4  |

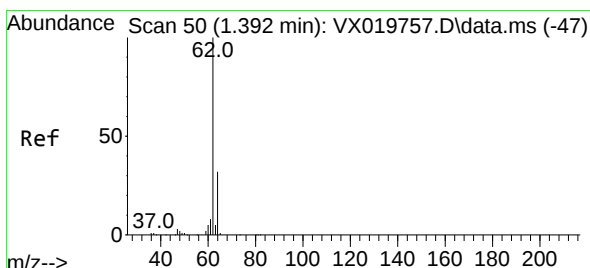
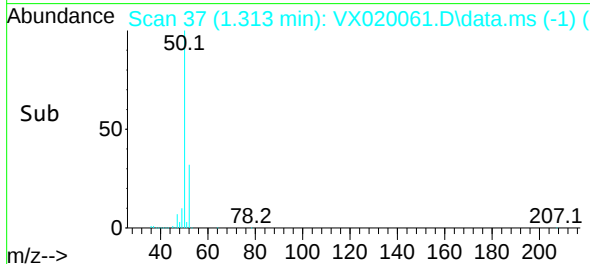
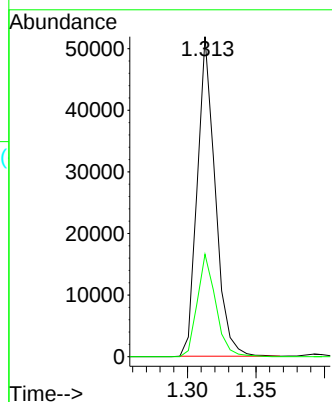
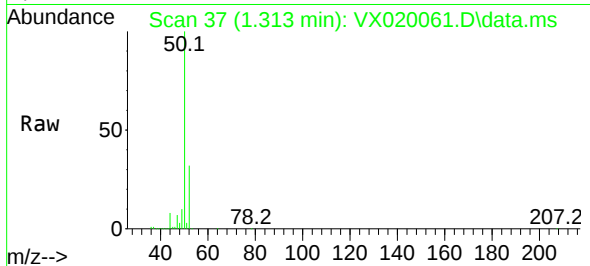




#3  
Chloromethane  
Concen: 17.03 ug/l  
RT: 1.313 min Scan# 37  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

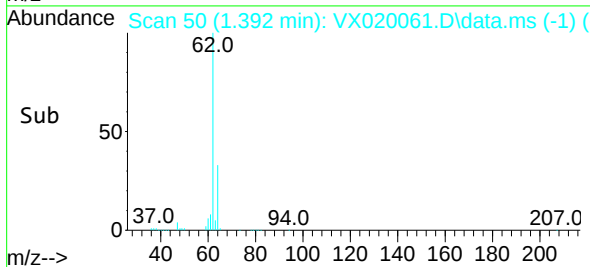
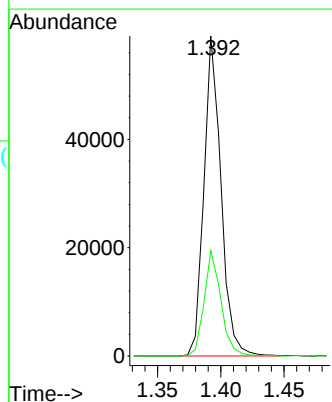
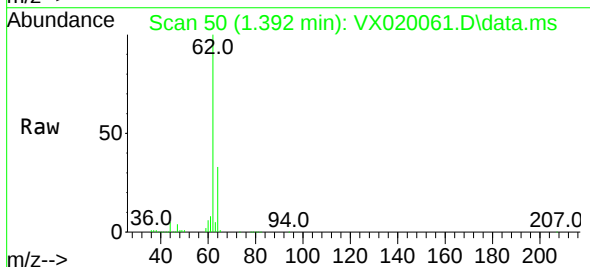
Instrument :  
MSVOA\_X  
ClientSampled :

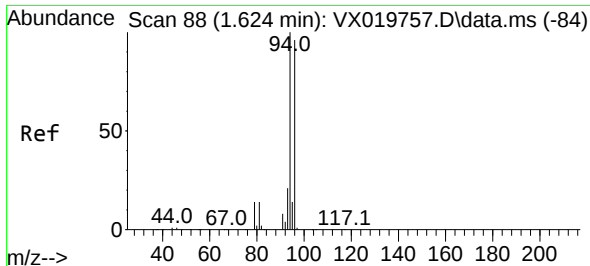
Tgt Ion: 50 Resp: 47307  
Ion Ratio Lower Upper  
50 100  
52 32.0 26.9 40.3



#4  
Vinyl Chloride  
Concen: 17.35 ug/l  
RT: 1.392 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 62 Resp: 55755  
Ion Ratio Lower Upper  
62 100  
64 32.9 25.4 38.2

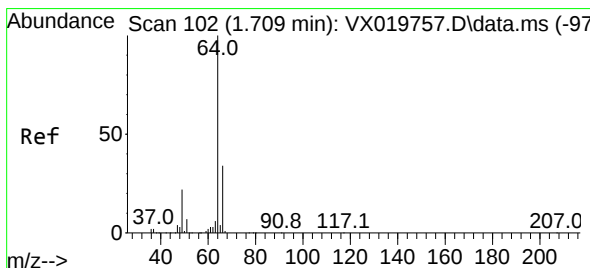
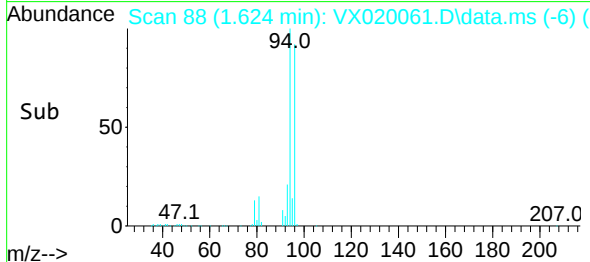
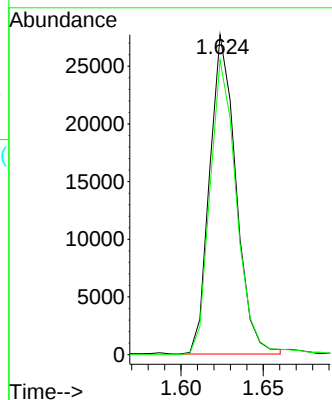
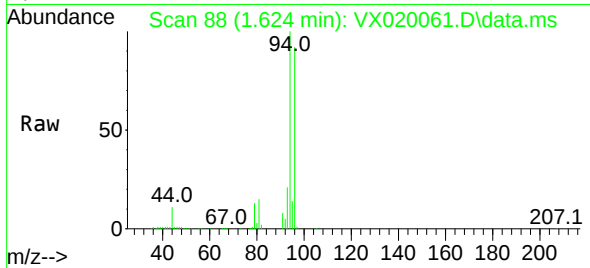




#5  
Bromomethane  
Concen: 24.66 ug/l  
RT: 1.624 min Scan# 88  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

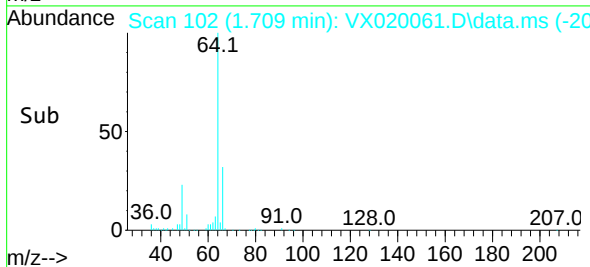
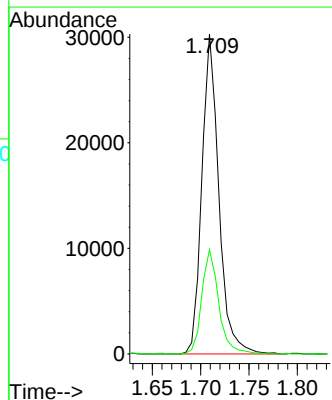
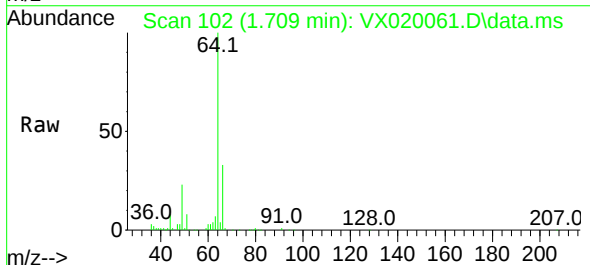
Instrument :  
MSVOA\_X  
ClientSampled :

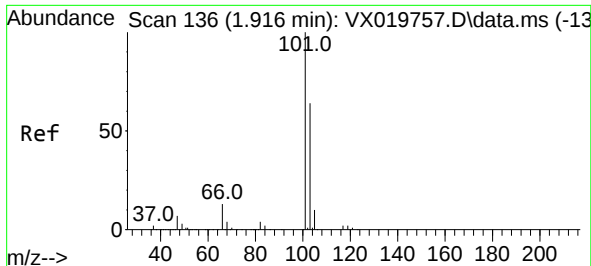
Tgt Ion: 94 Resp: 30673  
Ion Ratio Lower Upper  
94 100  
96 92.3 76.6 114.8



#6  
Chloroethane  
Concen: 18.24 ug/l  
RT: 1.709 min Scan# 102  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 64 Resp: 36962  
Ion Ratio Lower Upper  
64 100  
66 32.6 27.4 41.2

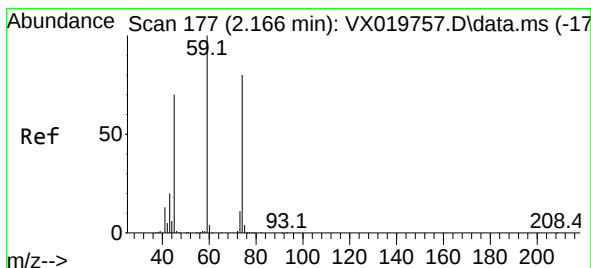
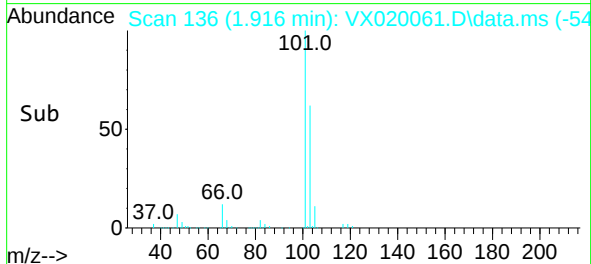
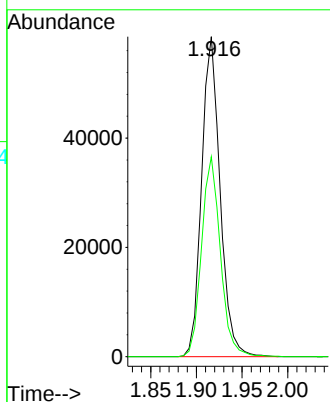
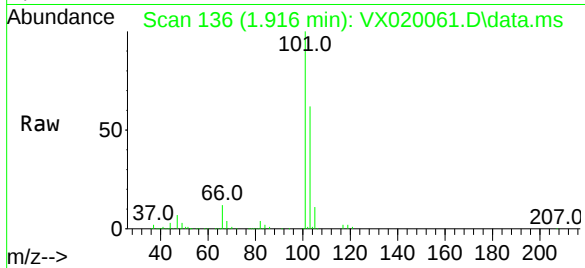




#7  
Trichlorofluoromethane  
Concen: 18.14 ug/l  
RT: 1.916 min Scan# 136  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

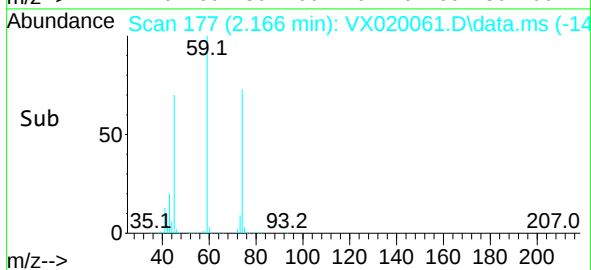
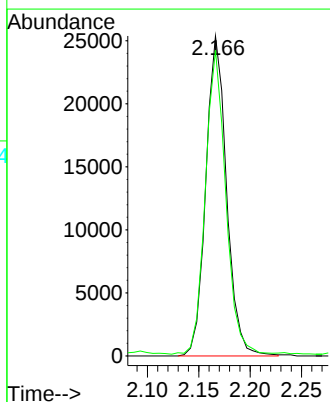
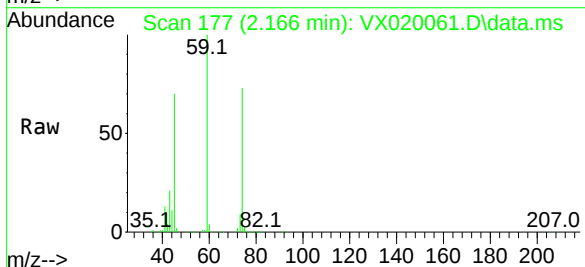
Instrument :  
MSVOA\_X  
ClientSampled :

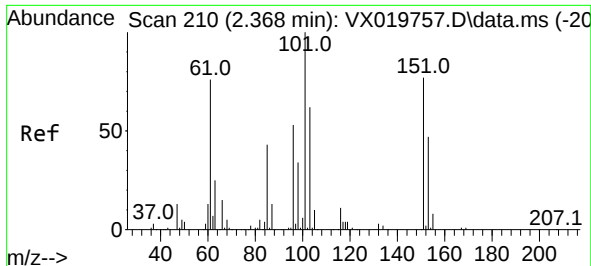
Tgt Ion:101 Resp: 82116  
Ion Ratio Lower Upper  
101 100  
103 62.4 51.4 77.2



#8  
Diethyl Ether  
Concen: 18.97 ug/l  
RT: 2.166 min Scan# 177  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

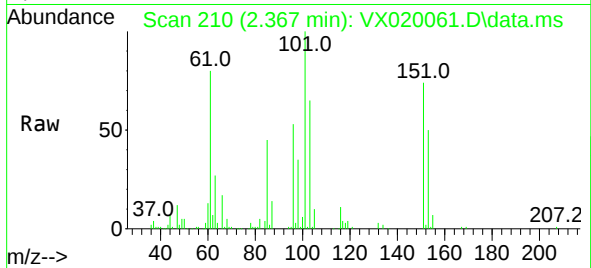
Tgt Ion: 74 Resp: 35653  
Ion Ratio Lower Upper  
74 100  
45 93.3 17.3 155.7



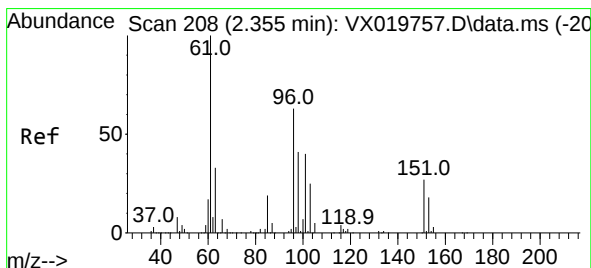
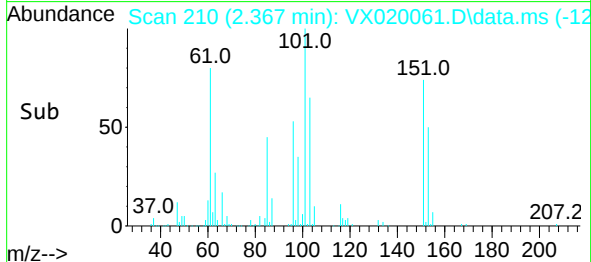
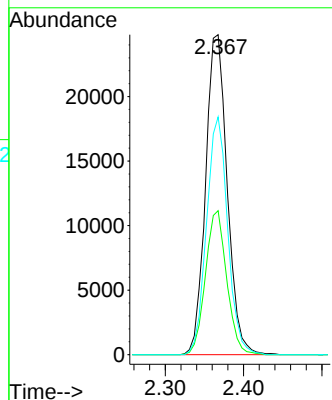


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.27 ug/l  
RT: 2.367 min Scan# 210  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Instrument :  
MSVOA\_X  
ClientSampled :

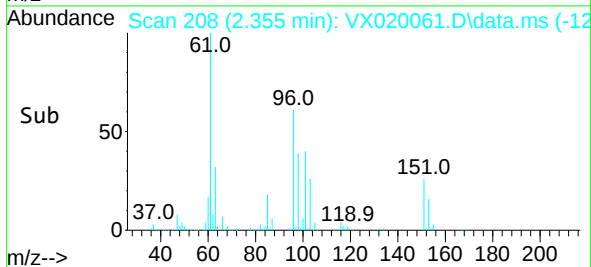
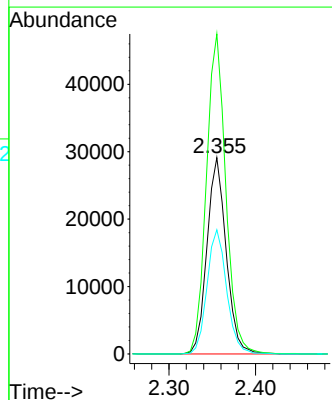
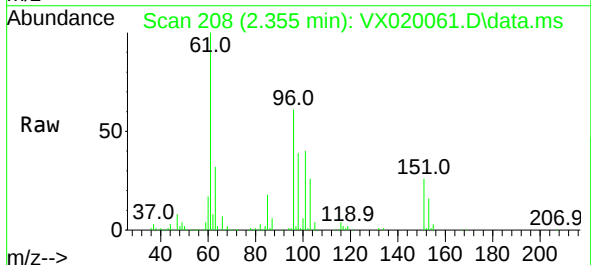


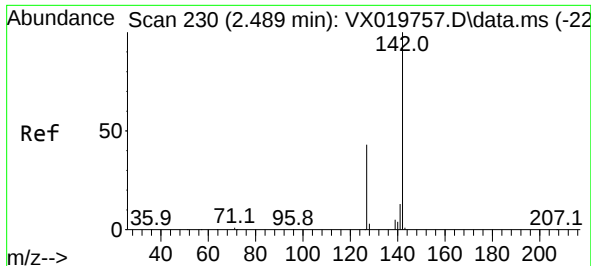
Tgt Ion:101 Resp: 47563  
Ion Ratio Lower Upper  
101 100  
85 44.3 0.0 88.0  
151 72.6 0.0 151.8



#10  
1,1-Dichloroethene  
Concen: 17.01 ug/l  
RT: 2.355 min Scan# 208  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

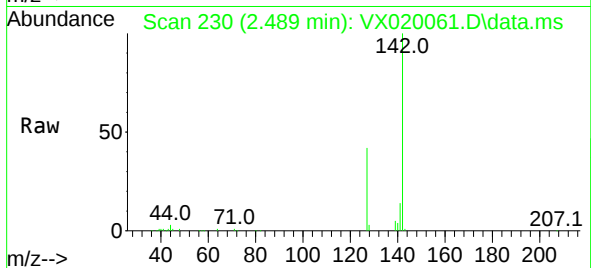
Tgt Ion: 96 Resp: 44968  
Ion Ratio Lower Upper  
96 100  
61 162.9 126.1 189.1  
98 63.2 51.3 76.9



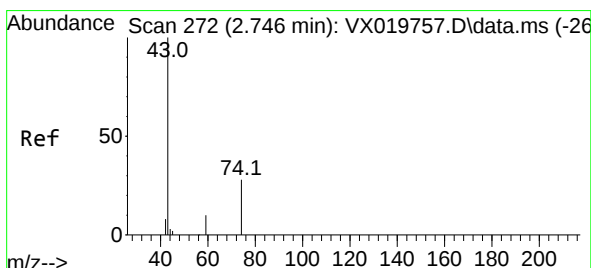
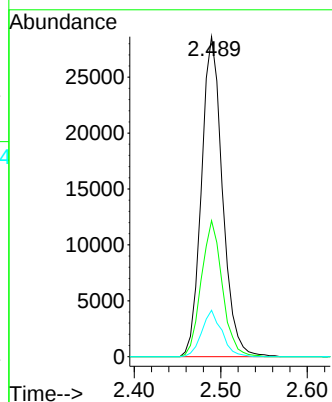
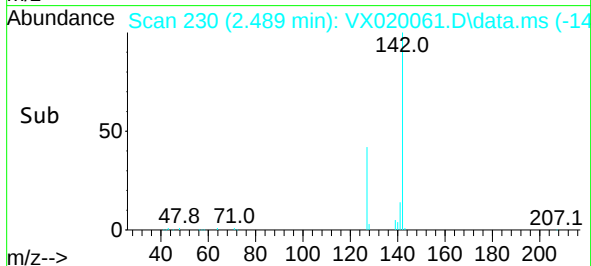


#11  
Methyl Iodide  
Concen: 13.98 ug/l  
RT: 2.489 min Scan# 230  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

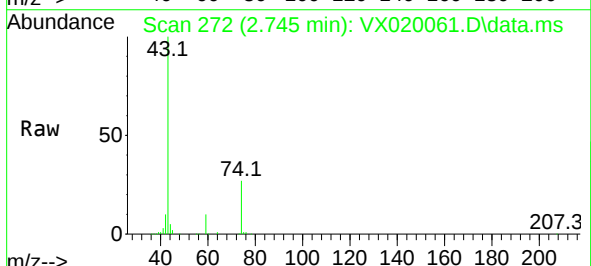
Instrument :  
MSVOA\_X  
ClientSampleId :



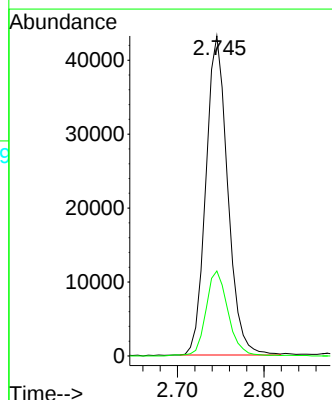
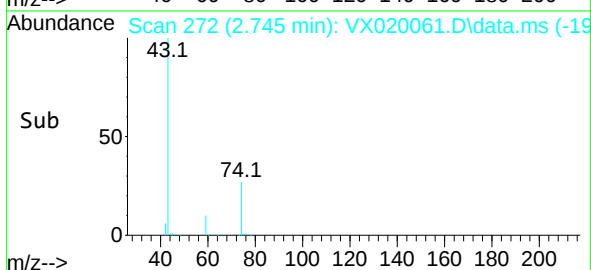
Tgt Ion:142 Resp: 48298  
Ion Ratio Lower Upper  
142 100  
127 42.5 21.4 64.2  
141 14.5 6.5 19.4

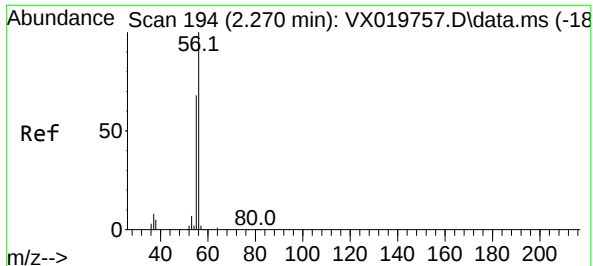


#12  
Methyl Acetate  
Concen: 21.95 ug/l  
RT: 2.745 min Scan# 272  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17



Tgt Ion: 43 Resp: 75560  
Ion Ratio Lower Upper  
43 100  
74 26.4 22.8 34.2

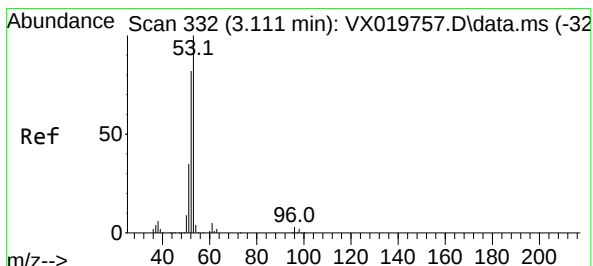
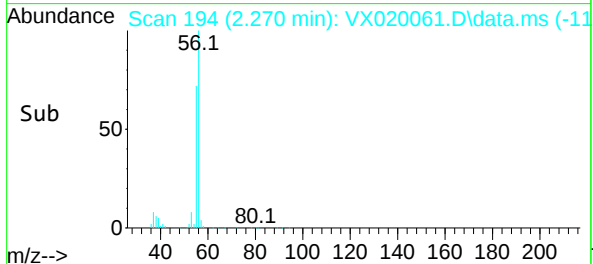
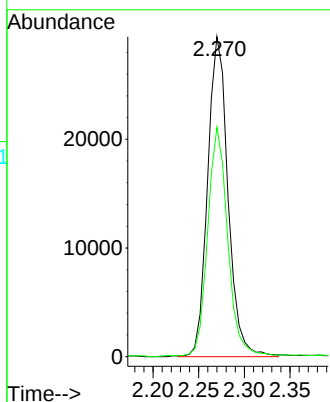
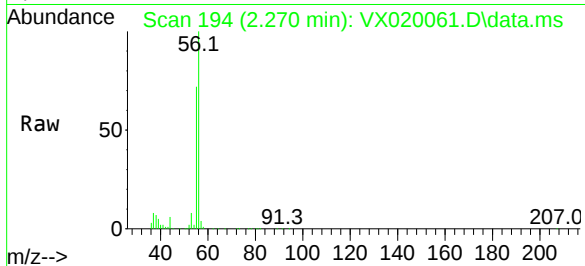




#13  
Acrolein  
Concen: 93.47 ug/l  
RT: 2.270 min Scan# 194  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

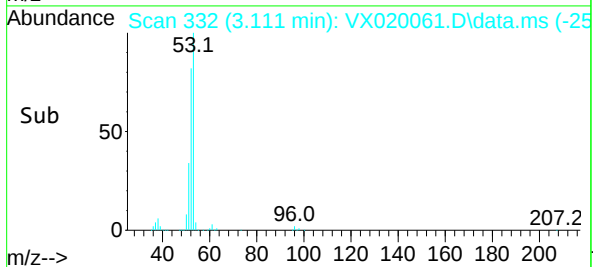
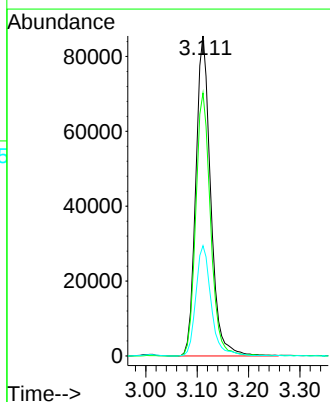
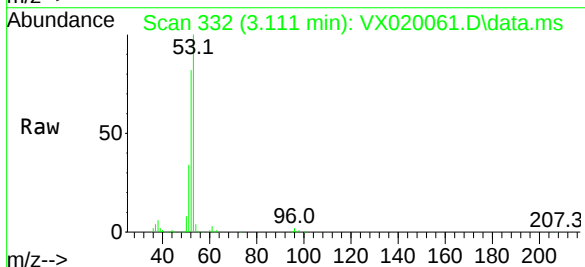
Instrument :  
MSVOA\_X  
ClientSampled :

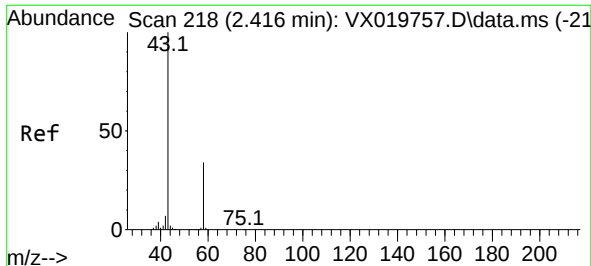
Tgt Ion: 56 Resp: 45581  
Ion Ratio Lower Upper  
56 100  
55 70.8 56.3 84.5



#14  
Acrylonitrile  
Concen: 102.96 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 53 Resp: 172256  
Ion Ratio Lower Upper  
53 100  
52 81.3 41.1 123.3  
51 35.3 17.6 52.9

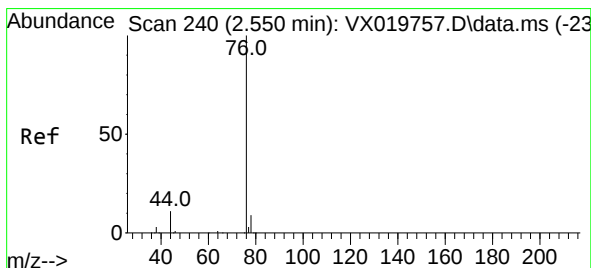
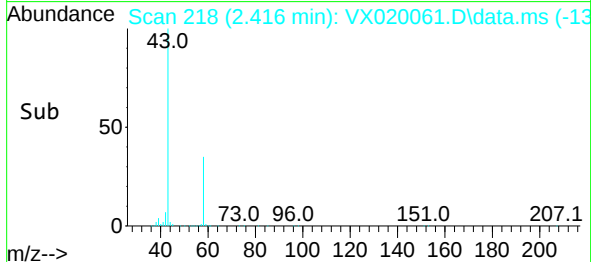
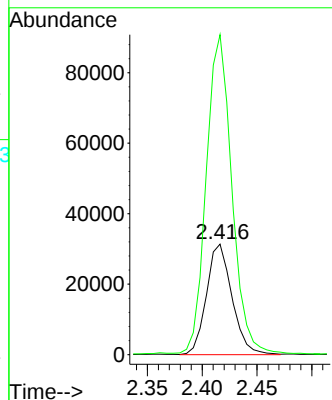
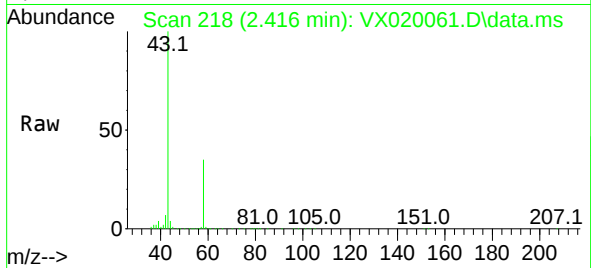




#15  
Acetone  
Concen: 102.31 ug/l  
RT: 2.416 min Scan# 218  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

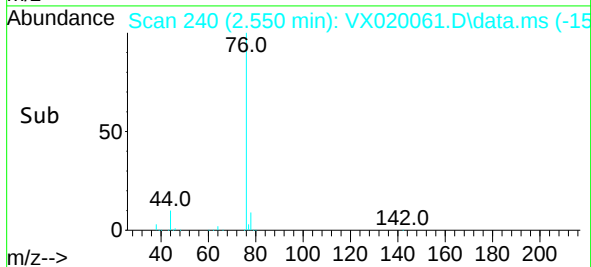
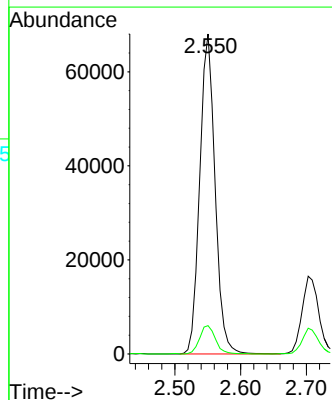
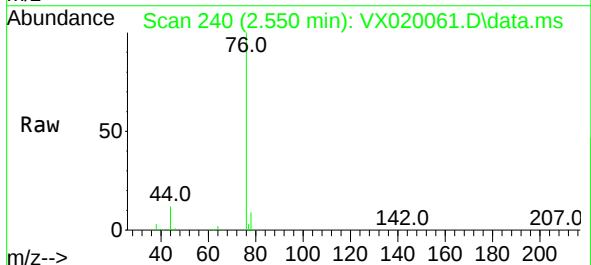
Instrument :  
MSVOA\_X  
ClientSampled :

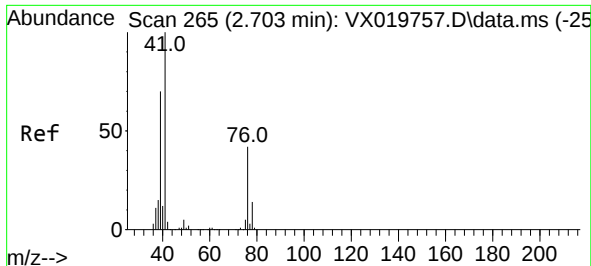
Tgt Ion: 58 Resp: 50929  
Ion Ratio Lower Upper  
58 100  
43 288.4 232.6 348.8



#16  
Carbon Disulfide  
Concen: 15.20 ug/l  
RT: 2.550 min Scan# 240  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 76 Resp: 109987  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0





#17

Allyl chloride

Concen: 18.50 ug/l

RT: 2.703 min Scan# 265

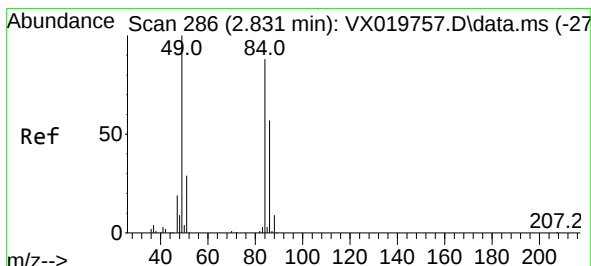
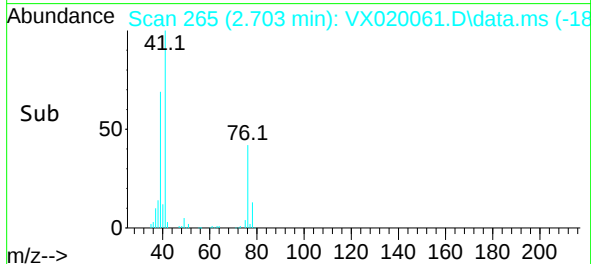
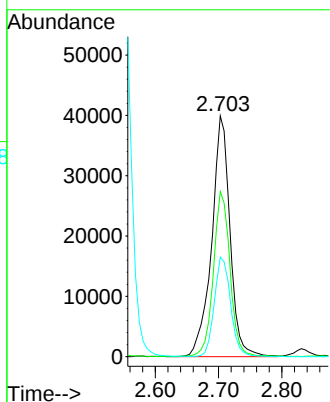
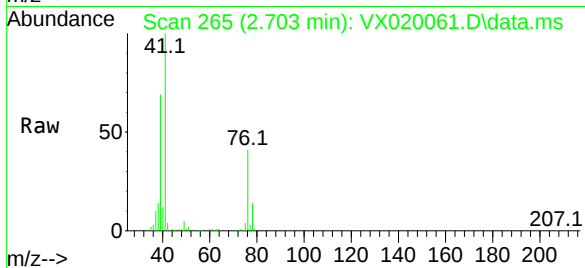
Delta R.T. -0.000 min

Lab File: VX020061.D

Acq: 16 Dec 2020 13:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 80487 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 68.5  | 34.8  | 104.4 |
| 76       | 41.3  | 21.3  | 63.9  |

Instrument :  
MSVOA\_X  
ClientSampleId :



#18

Methylene Chloride

Concen: 18.98 ug/l

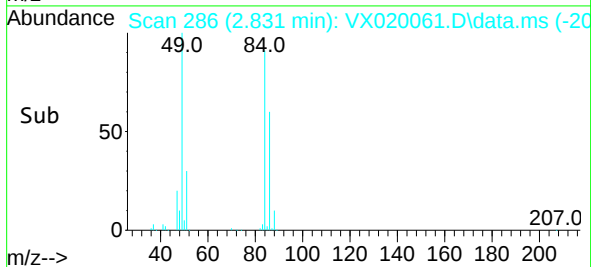
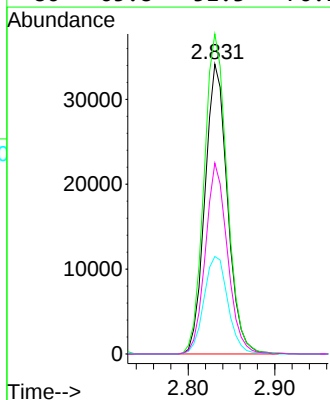
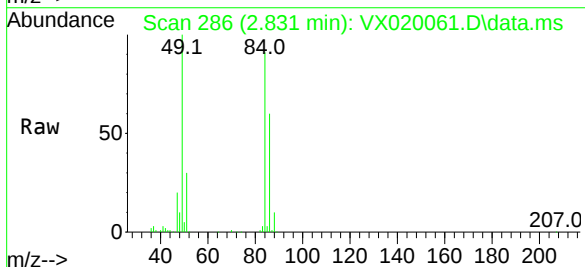
RT: 2.831 min Scan# 286

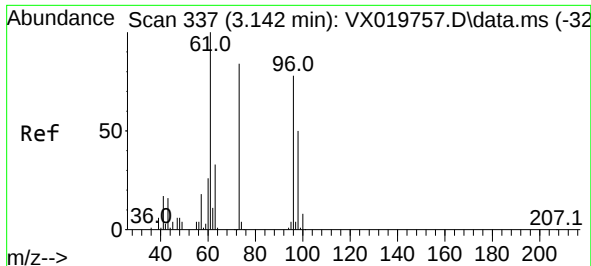
Delta R.T. -0.000 min

Lab File: VX020061.D

Acq: 16 Dec 2020 13:17

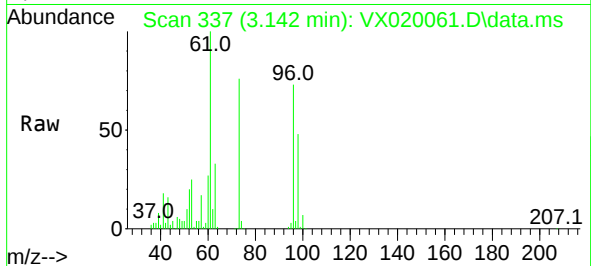
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 61885 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 110.4 | 90.6  | 136.0 |
| 51       | 33.6  | 26.3  | 39.5  |
| 86       | 65.8  | 51.3  | 76.9  |



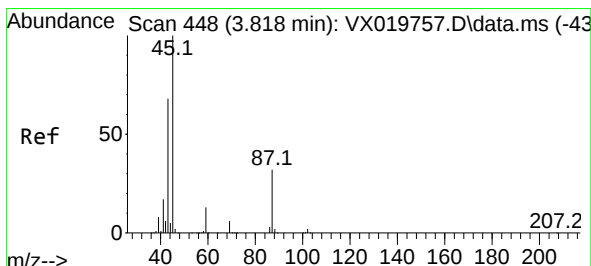
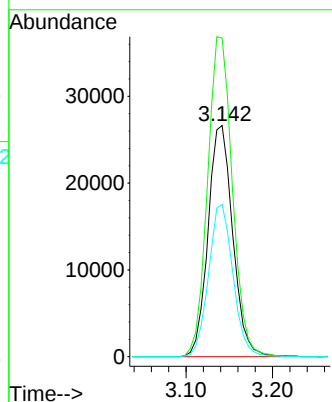
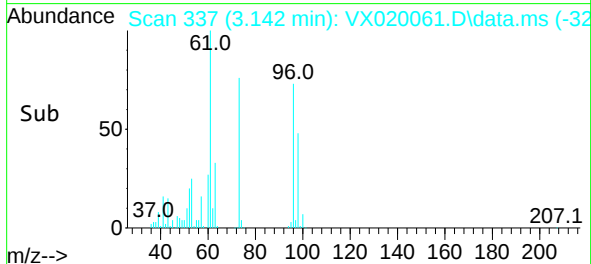


#19  
trans-1,2-Dichloroethene  
Concen: 17.22 ug/l  
RT: 3.142 min Scan# 337  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

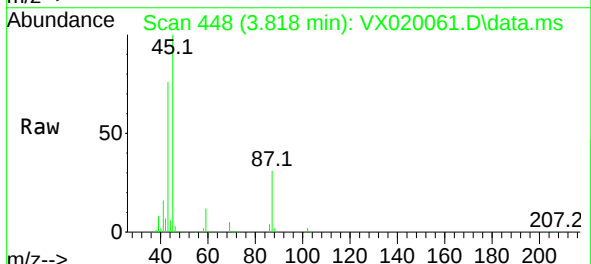
Instrument :  
MSVOA\_X  
ClientSampled :



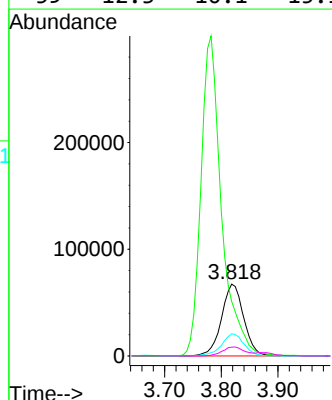
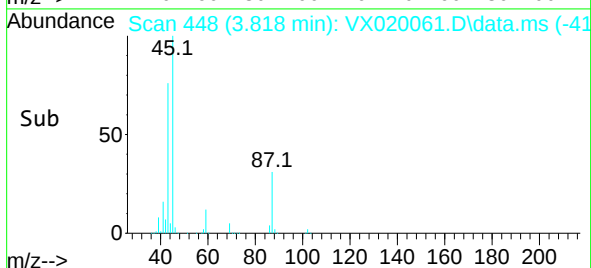
Tgt Ion: 96 Resp: 52805  
Ion Ratio Lower Upper  
96 100  
61 137.8 103.0 154.4  
98 65.9 51.8 77.6

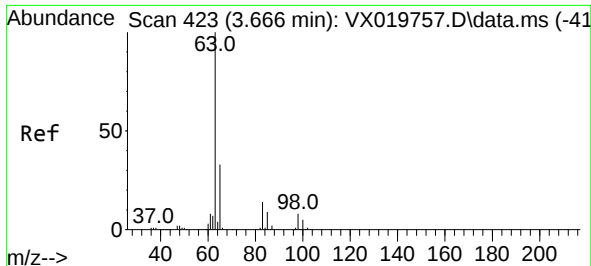


#20  
Diisopropyl ether  
Concen: 20.24 ug/l  
RT: 3.818 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17



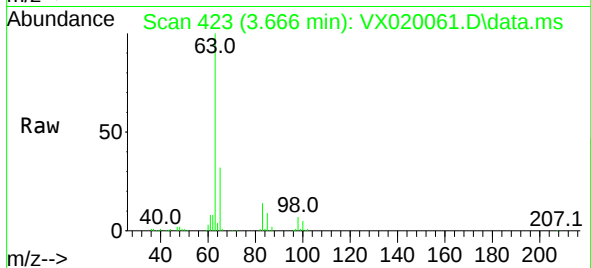
Tgt Ion: 45 Resp: 182763  
Ion Ratio Lower Upper  
45 100  
43 75.3 56.0 84.0  
87 31.1 25.4 38.0  
59 12.3 10.1 15.1



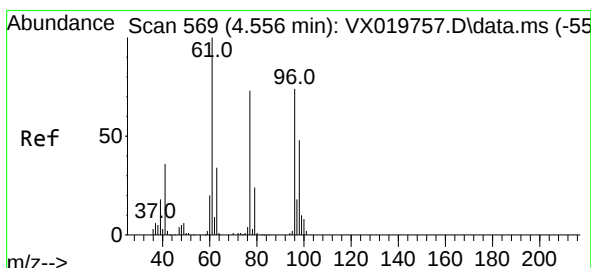
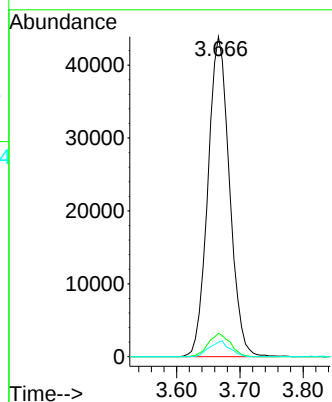
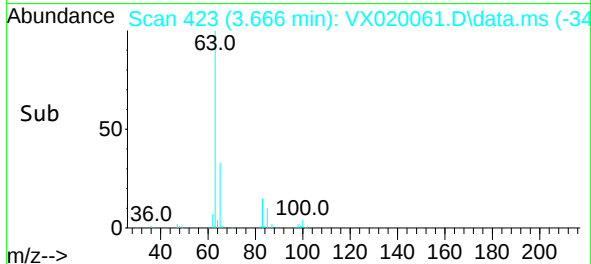


#21  
1,1-Dichloroethane  
Concen: 19.22 ug/l  
RT: 3.666 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

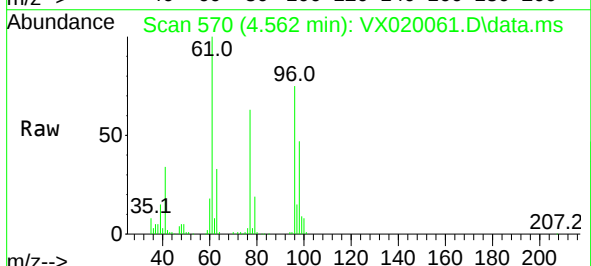
Instrument :  
MSVOA\_X  
ClientSampled :



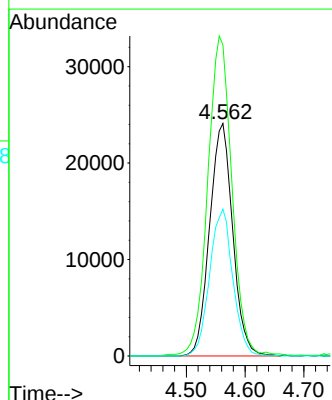
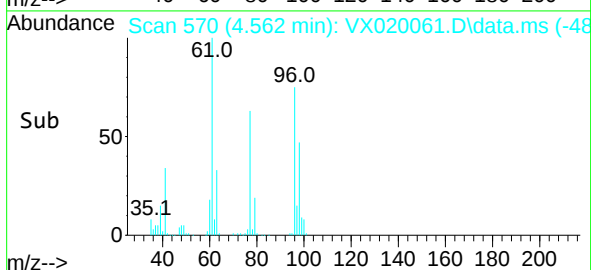
Tgt Ion: 63 Resp: 103882  
Ion Ratio Lower Upper  
63 100  
98 7.3 3.9 11.7  
100 4.5 2.5 7.4

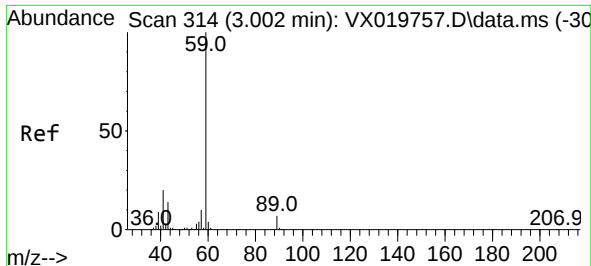


#22  
cis-1,2-Dichloroethene  
Concen: 18.61 ug/l  
RT: 4.562 min Scan# 570  
Delta R.T. 0.006 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17



Tgt Ion: 96 Resp: 65939  
Ion Ratio Lower Upper  
96 100  
61 142.7 114.1 171.1  
98 63.3 51.8 77.8

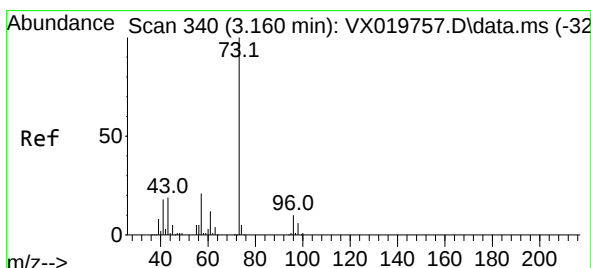
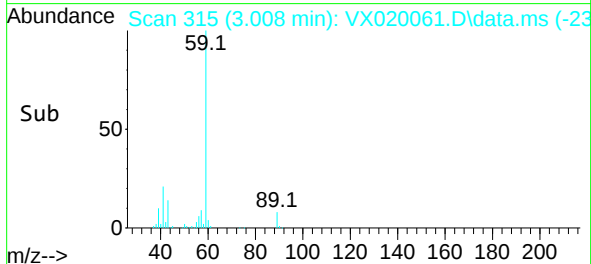
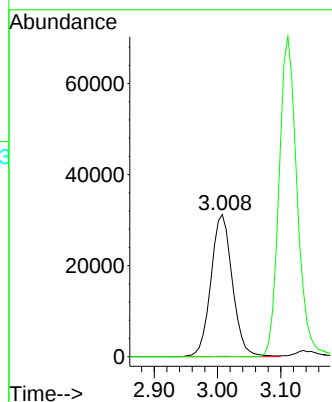
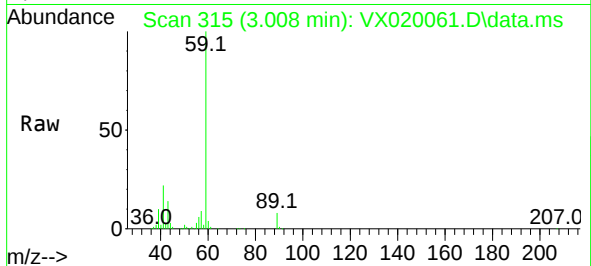




#23  
tert-Butyl Alcohol  
Concen: 93.46 ug/l  
RT: 3.008 min Scan# 315  
Delta R.T. 0.006 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

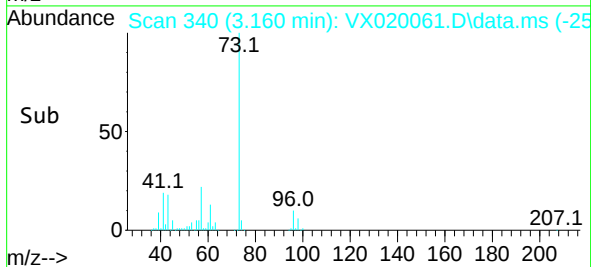
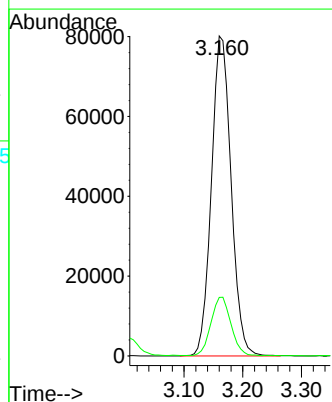
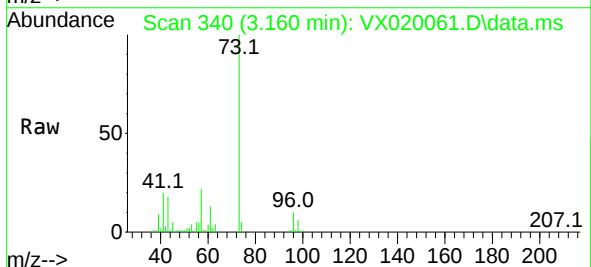
Instrument :  
MSVOA\_X  
ClientSampled :

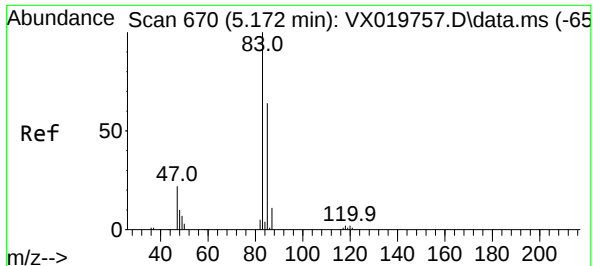
Tgt Ion: 59 Resp: 73622  
Ion Ratio Lower Upper  
59 100  
52 0.1 0.1 0.1#



#24  
Methyl tert-Butyl Ether  
Concen: 19.40 ug/l  
RT: 3.160 min Scan# 340  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 73 Resp: 186688  
Ion Ratio Lower Upper  
73 100  
43 18.6 14.9 22.3

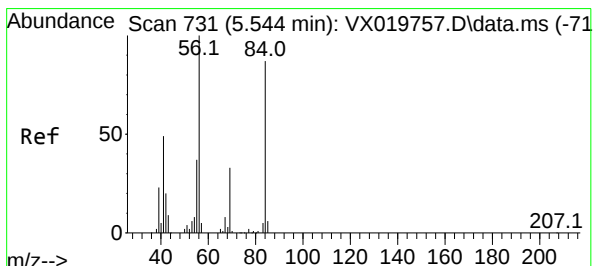
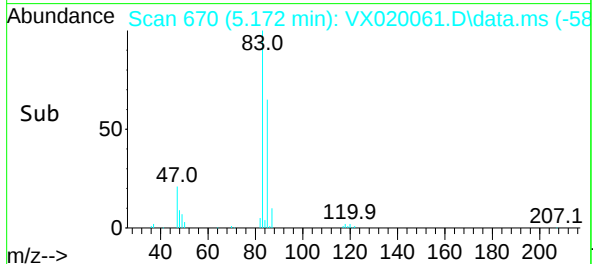
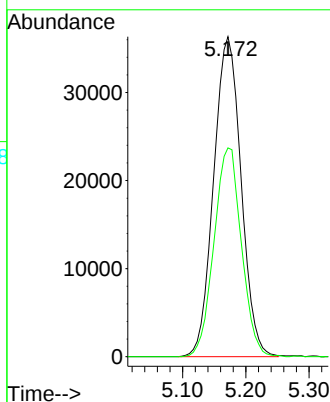
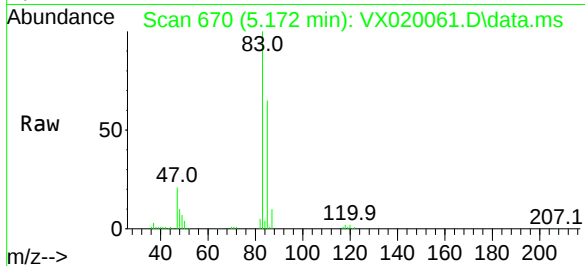




#25  
Chloroform  
Concen: 19.60 ug/l  
RT: 5.172 min Scan# 670  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

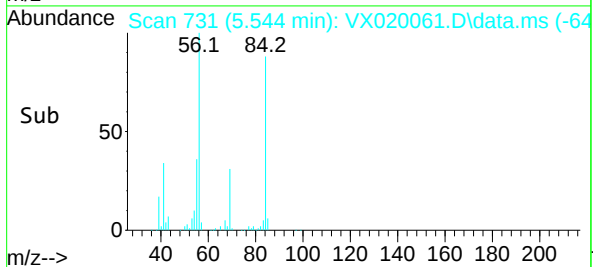
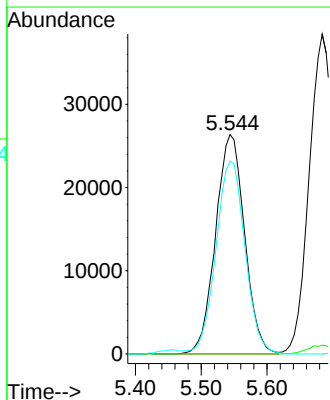
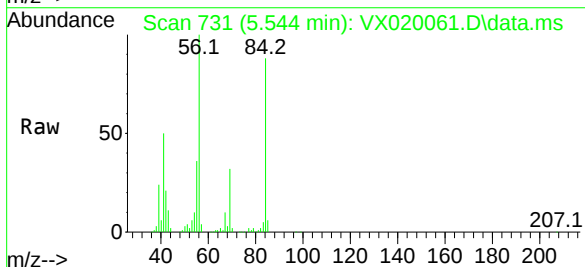
Instrument :  
MSVOA\_X  
ClientSampled :

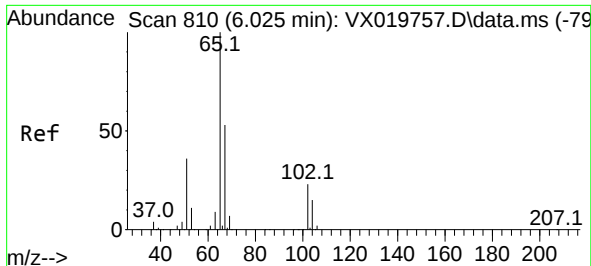
Tgt Ion: 83 Resp: 109341  
Ion Ratio Lower Upper  
83 100  
85 65.2 51.2 76.8



#26  
Cyclohexane  
Concen: 17.40 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 56 Resp: 80745  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 88.6 74.1 111.1



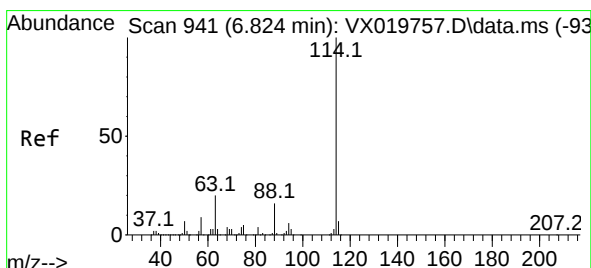
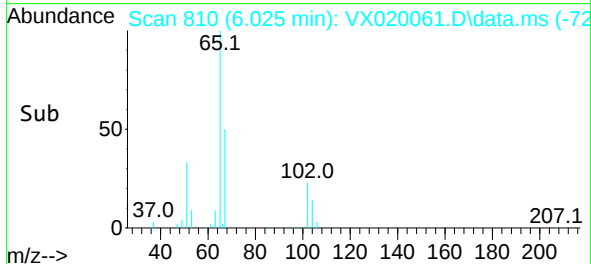
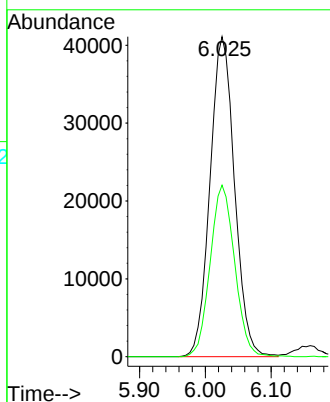
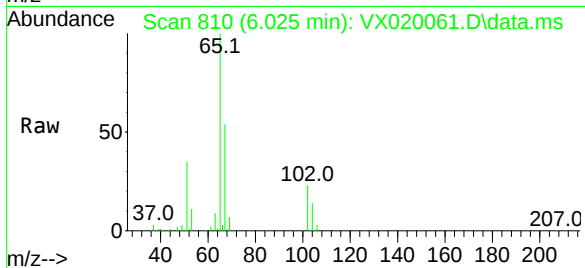


#27

1,2-Dichloroethane-d4  
Concen: 31.47 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Instrument :  
MSVOA\_X  
ClientSampled :

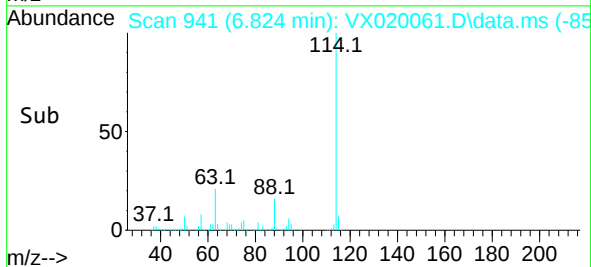
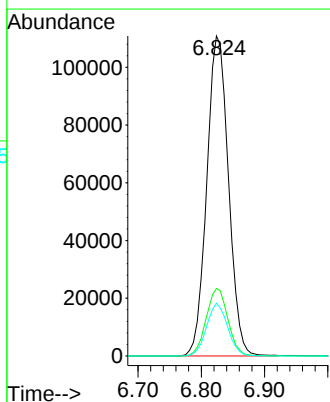
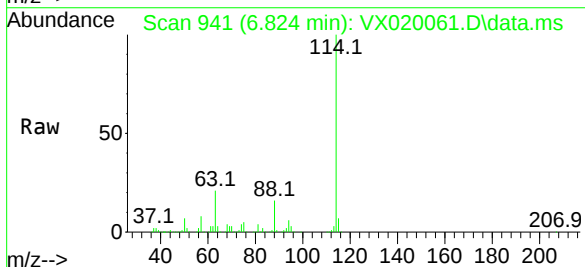
Tgt Ion: 65 Resp: 106812  
Ion Ratio Lower Upper  
65 100  
67 53.5 41.9 62.9

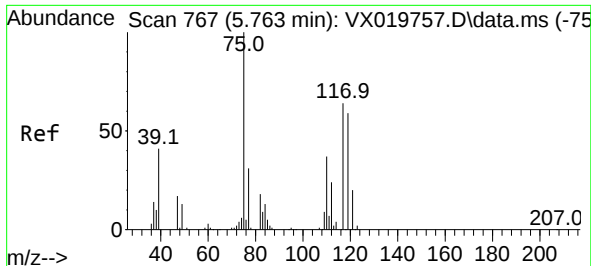


#28

1,4-Difluorobenzene  
Concen: 30.00 ug/l  
RT: 6.824 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 114 Resp: 264591  
Ion Ratio Lower Upper  
114 100  
63 21.0 16.2 24.2  
88 15.9 13.0 19.6





#29

1,1-Dichloropropene

Concen: 18.03 ug/l

RT: 5.763 min Scan# 767

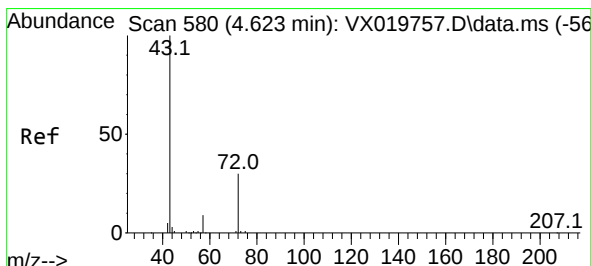
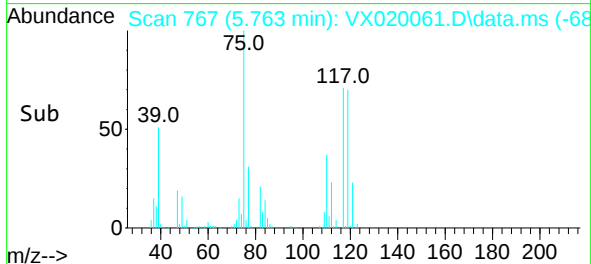
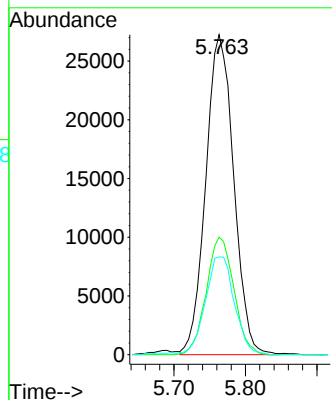
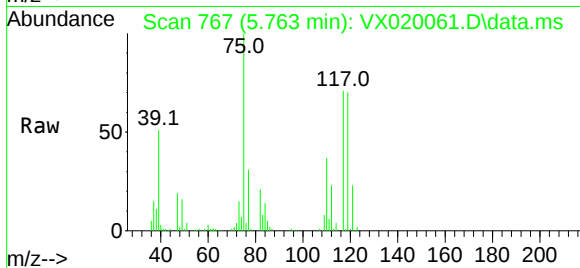
Delta R.T. -0.000 min

Lab File: VX020061.D

Acq: 16 Dec 2020 13:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 74036 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 36.3  | 0.0   | 72.4  |
| 77       | 31.7  | 0.0   | 62.4  |

Instrument :  
MSVOA\_X  
ClientSampleId :



#30

2-Butanone

Concen: 102.27 ug/l

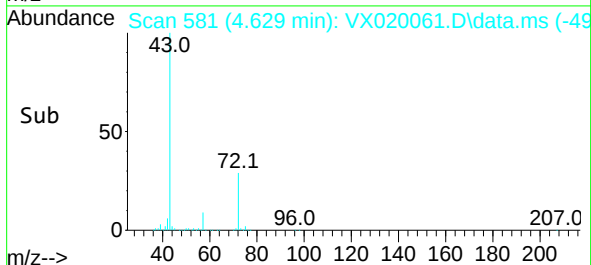
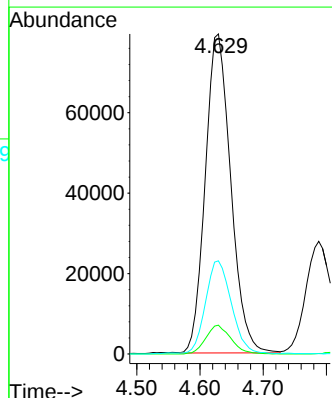
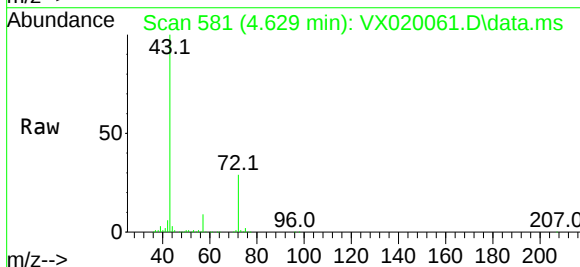
RT: 4.629 min Scan# 581

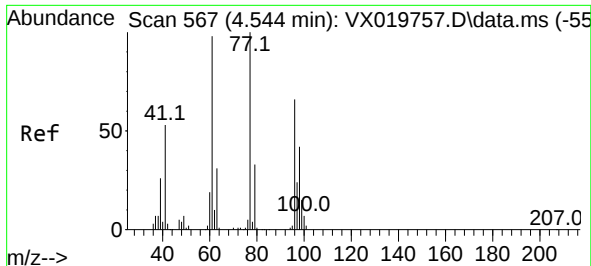
Delta R.T. 0.006 min

Lab File: VX020061.D

Acq: 16 Dec 2020 13:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 222515 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 57       | 8.9   | 7.2   | 10.8   |
| 72       | 29.7  | 23.7  | 35.5   |

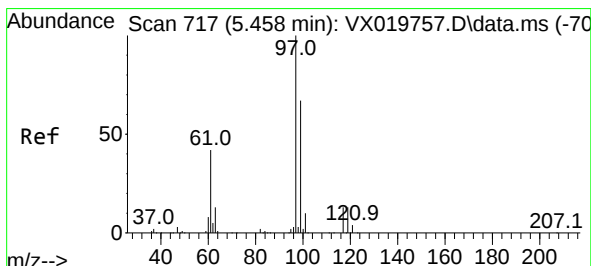
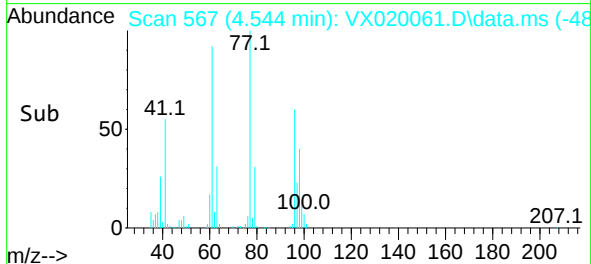
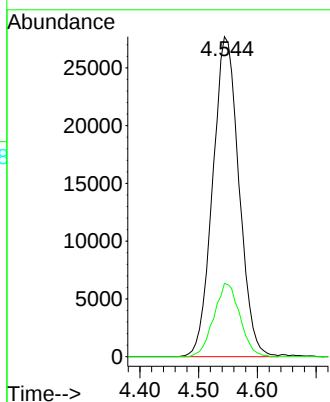
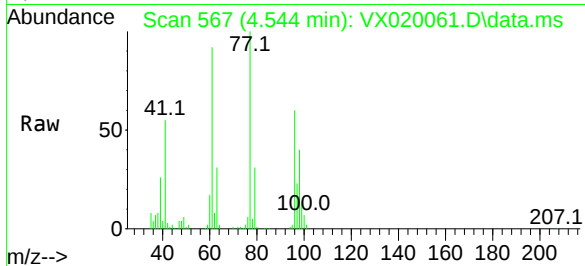




#31  
2,2-Dichloropropane  
Concen: 18.55 ug/l  
RT: 4.544 min Scan# 567  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

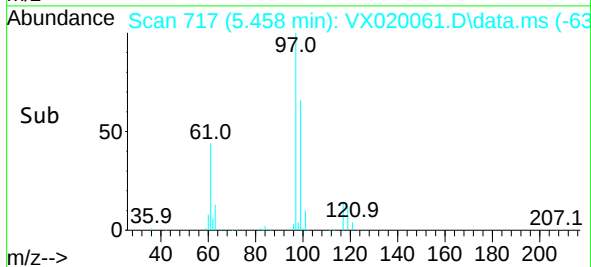
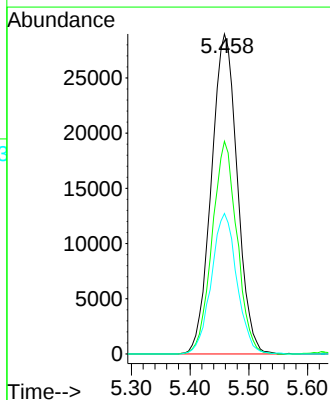
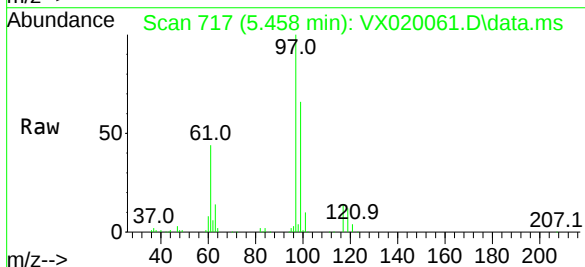
Instrument :  
MSVOA\_X  
ClientSampled :

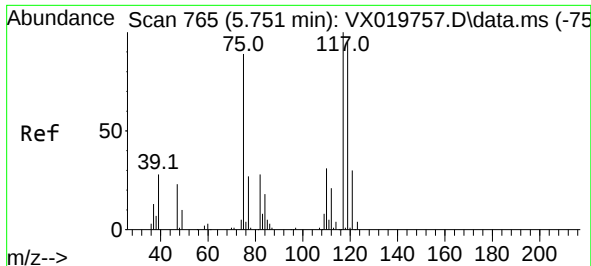
Tgt Ion: 77 Resp: 86015  
Ion Ratio Lower Upper  
77 100  
97 22.7 18.6 28.0



#32  
1,1,1-Trichloroethane  
Concen: 18.69 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

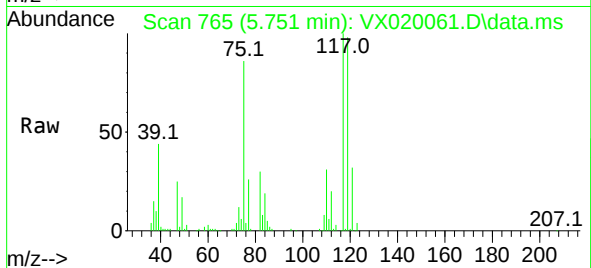
Tgt Ion: 97 Resp: 88893  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.7 77.5  
61 43.2 34.3 51.5



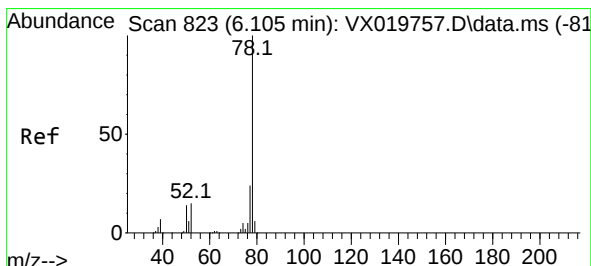
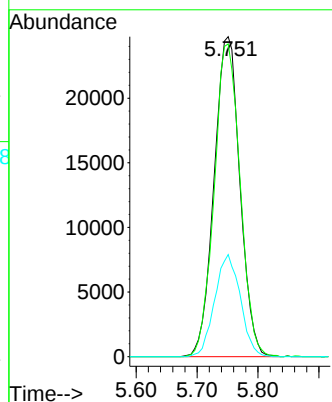
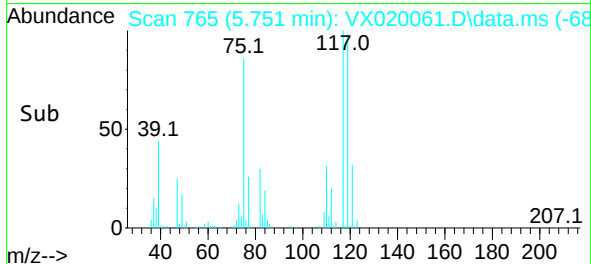


#33  
Carbon Tetrachloride  
Concen: 17.86 ug/l  
RT: 5.751 min Scan# 765  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

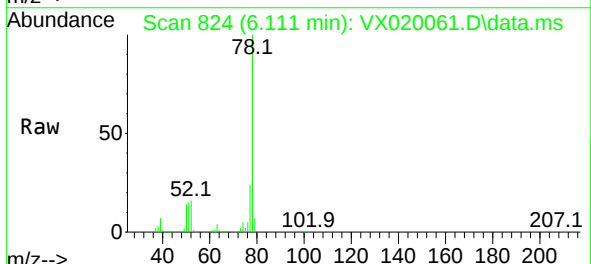
Instrument :  
MSVOA\_X  
ClientSampleId :



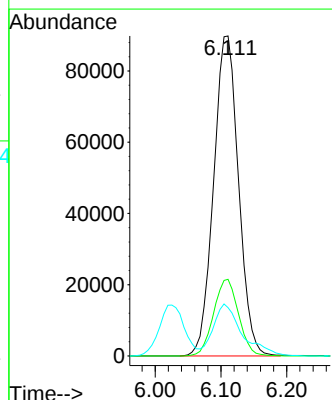
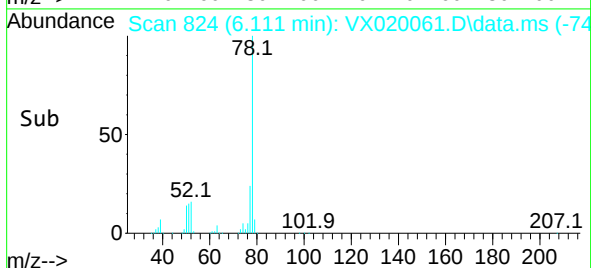
Tgt Ion:117 Resp: 73089  
Ion Ratio Lower Upper  
117 100  
119 97.7 76.1 114.1  
121 31.9 24.1 36.1

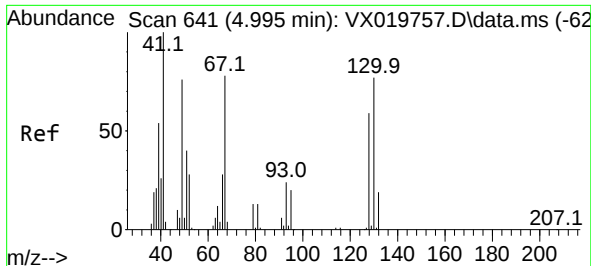


#34  
Benzene  
Concen: 18.85 ug/l  
RT: 6.111 min Scan# 824  
Delta R.T. 0.006 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17



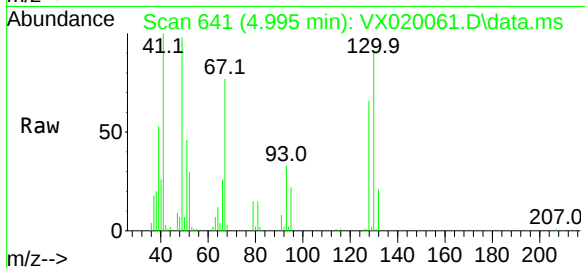
Tgt Ion: 78 Resp: 236764  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.0 28.4  
51 14.4 12.5 18.7



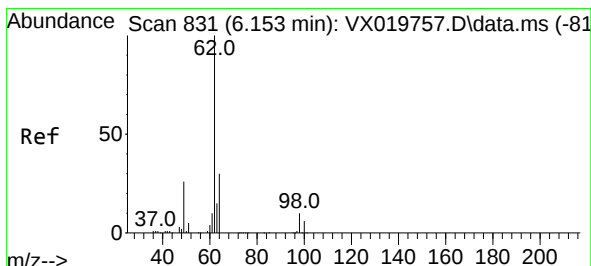
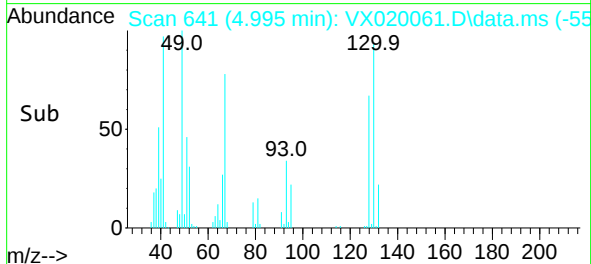
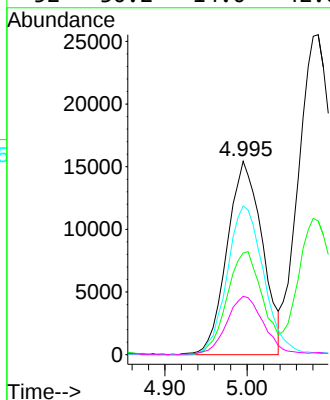


#35  
Methacrylonitrile  
Concen: 20.45 ug/l  
RT: 4.995 min Scan# 641  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Instrument :  
MSVOA\_X  
ClientSampleId :

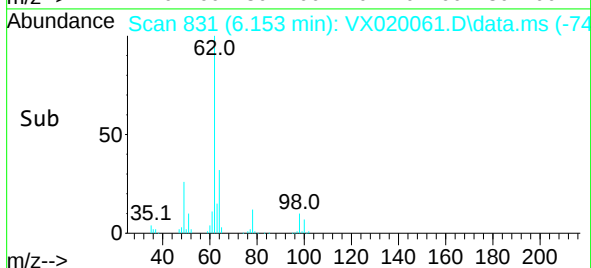
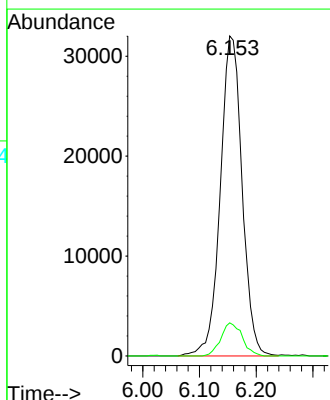
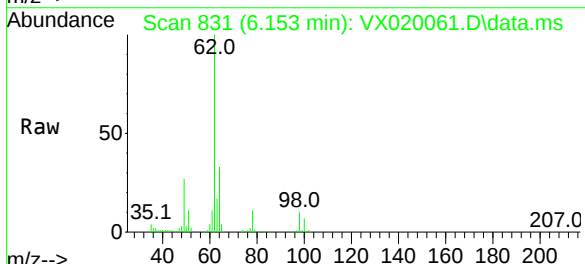


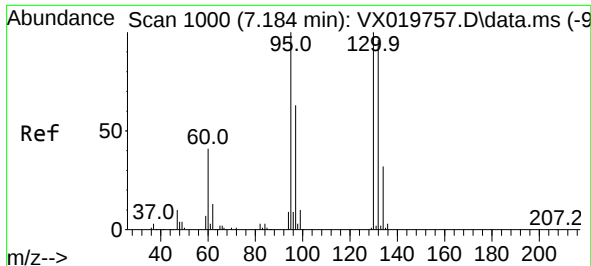
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 46001 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.5  | 26.8  | 80.3  |
| 67       | 76.8  | 39.1  | 117.2 |
| 52       | 30.2  | 14.0  | 42.0  |



#36  
1,2-Dichloroethane  
Concen: 19.82 ug/l  
RT: 6.153 min Scan# 831  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 85533 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.1  | 8.1   | 12.1  |





#37

Trichloroethene

Concen: 18.14 ug/l

RT: 7.184 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VX020061.D

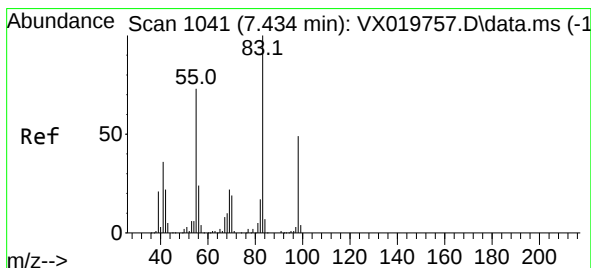
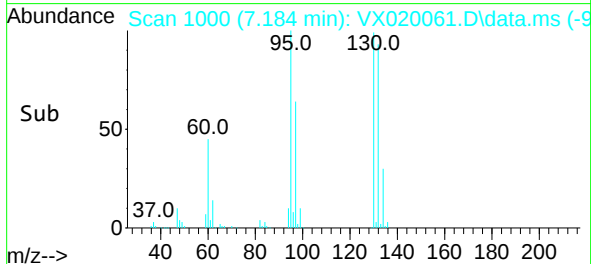
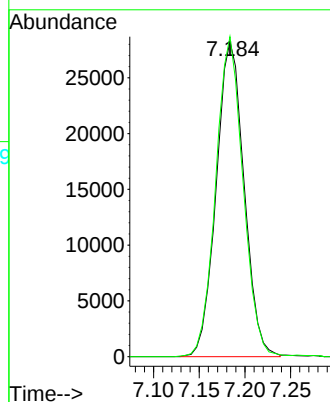
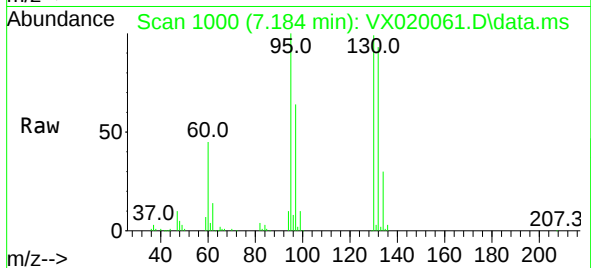
Acq: 16 Dec 2020 13:17

Tgt Ion:130 Resp: 59786

Ion Ratio Lower Upper

130 100

95 101.2 80.2 120.4



#38

Methylcyclohexane

Concen: 17.45 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX020061.D

Acq: 16 Dec 2020 13:17

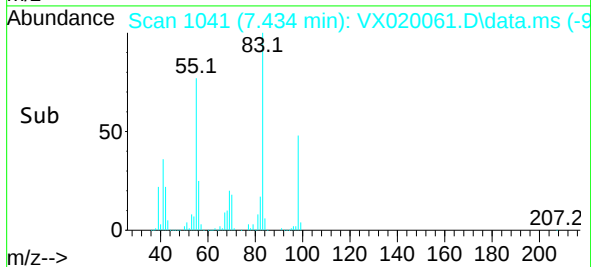
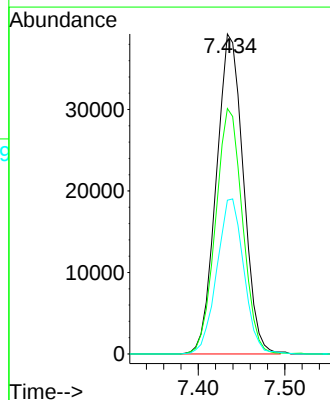
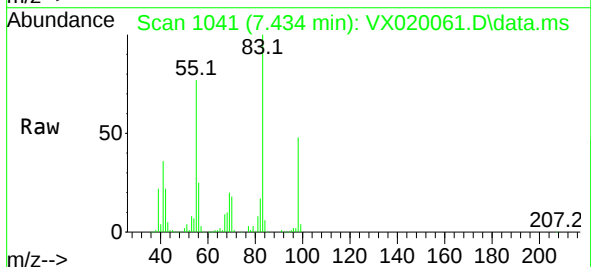
Tgt Ion: 83 Resp: 85243

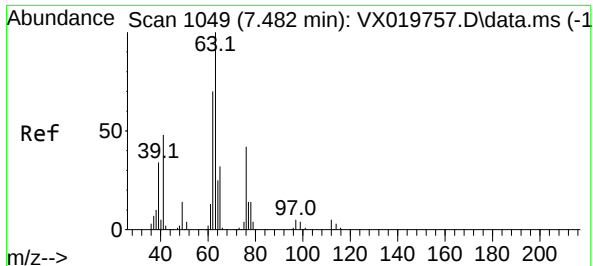
Ion Ratio Lower Upper

83 100

55 76.3 37.4 112.1

98 48.5 24.7 74.1





#39

1,2-Dichloropropane

Concen: 20.14 ug/l

RT: 7.488 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VX020061.D

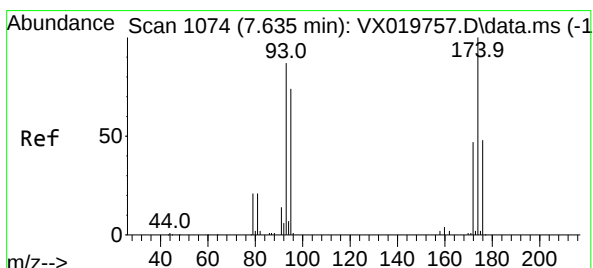
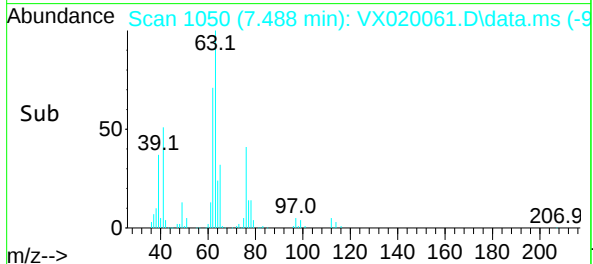
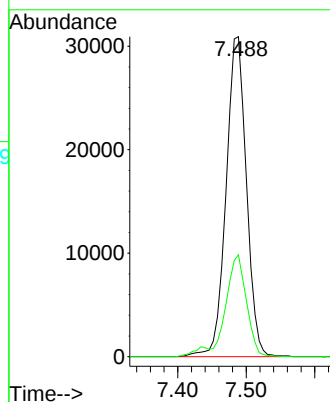
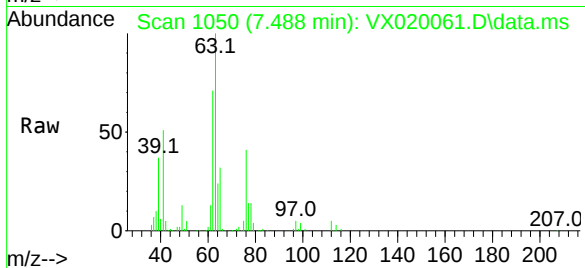
Acq: 16 Dec 2020 13:17

Tgt Ion: 63 Resp: 63606

Ion Ratio Lower Upper

63 100

65 31.9 25.6 38.4



#40

Dibromomethane

Concen: 19.32 ug/l

RT: 7.635 min Scan# 1074

Delta R.T. -0.000 min

Lab File: VX020061.D

Acq: 16 Dec 2020 13:17

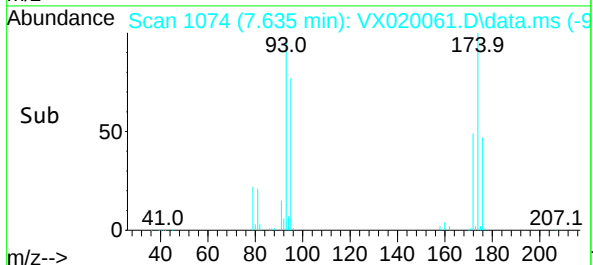
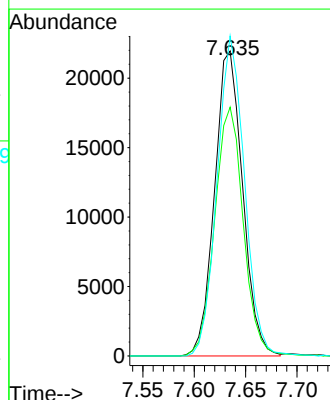
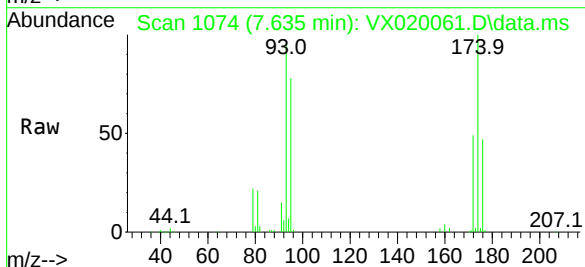
Tgt Ion: 93 Resp: 41716

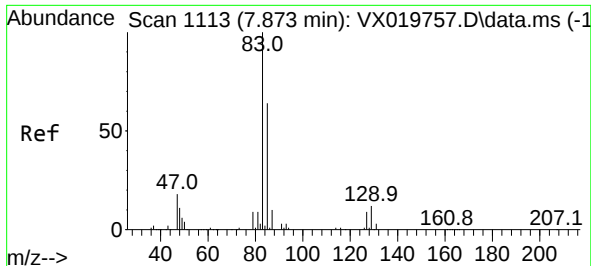
Ion Ratio Lower Upper

93 100

95 82.8 0.0 167.4

174 102.5 0.0 211.8

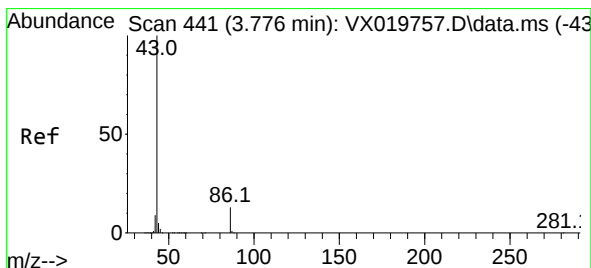
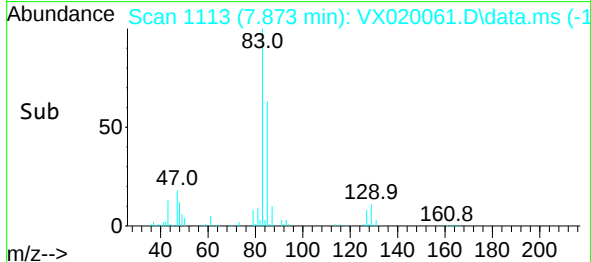
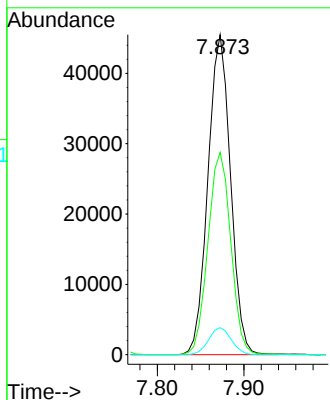
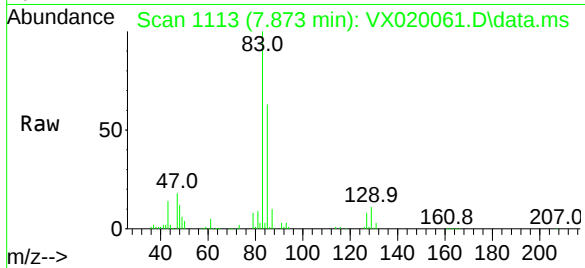




#41  
Bromodichloromethane  
Concen: 19.21 ug/l  
RT: 7.873 min Scan# 1113  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

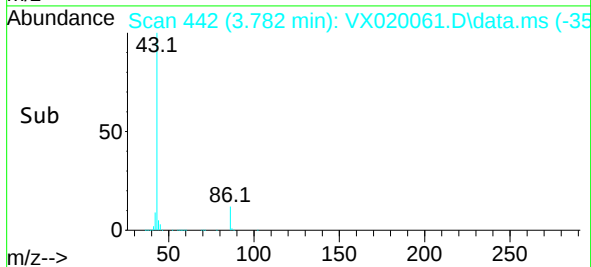
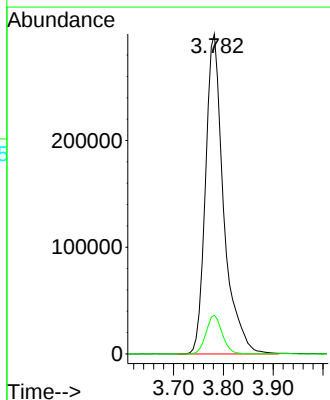
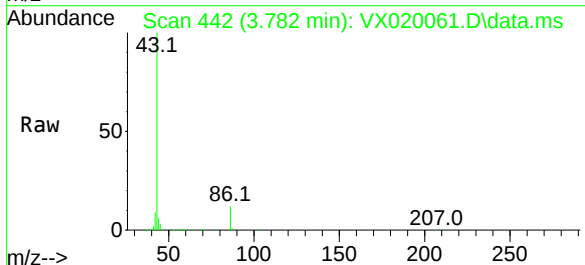
Instrument :  
MSVOA\_X  
ClientSampled :

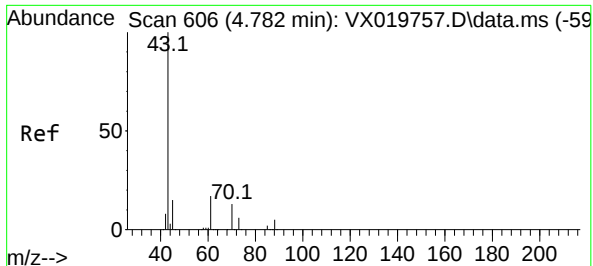
Tgt Ion: 83 Resp: 82482  
Ion Ratio Lower Upper  
83 100  
85 63.2 51.4 77.0  
127 8.4 7.1 10.7



#42  
Vinyl Acetate  
Concen: 99.29 ug/l  
RT: 3.782 min Scan# 442  
Delta R.T. 0.006 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 43 Resp: 756888  
Ion Ratio Lower Upper  
43 100  
86 10.8 9.0 13.4





#43

Ethyl Acetate

Concen: 19.50 ug/l

RT: 4.788 min Scan# 607

Delta R.T. 0.006 min

Lab File: VX020061.D

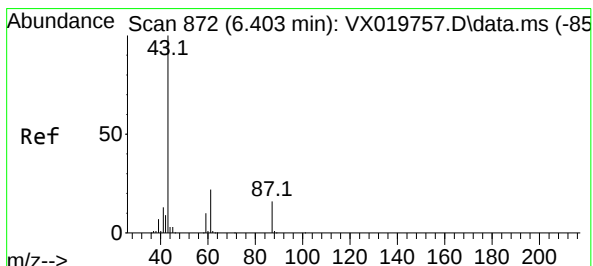
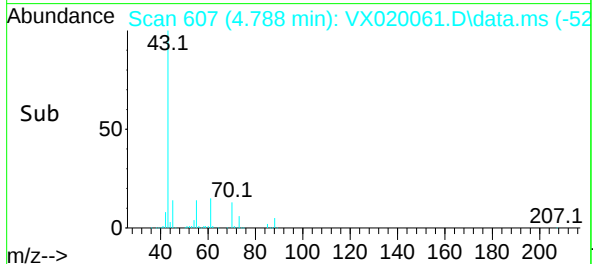
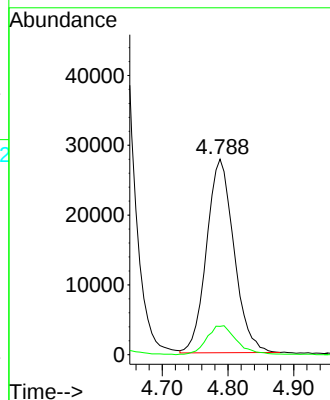
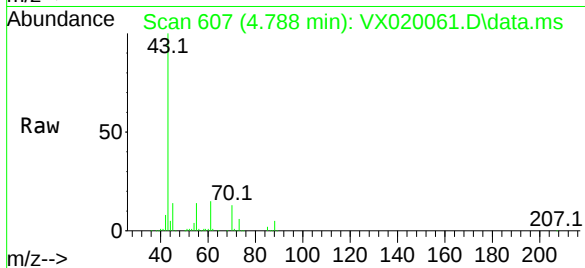
Acq: 16 Dec 2020 13:17

Tgt Ion: 43 Resp: 80403

Ion Ratio Lower Upper

43 100

45 16.5 12.2 18.4



#44

Isopropyl Acetate

Concen: 19.50 ug/l

RT: 6.403 min Scan# 872

Delta R.T. -0.000 min

Lab File: VX020061.D

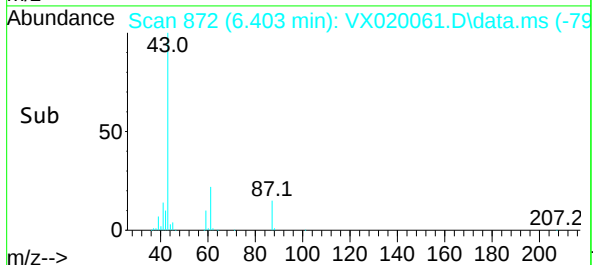
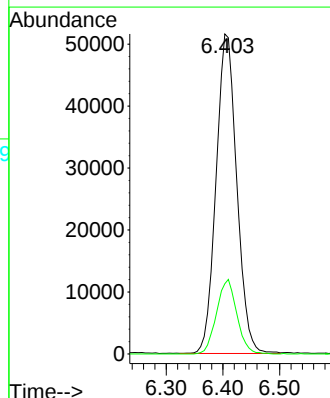
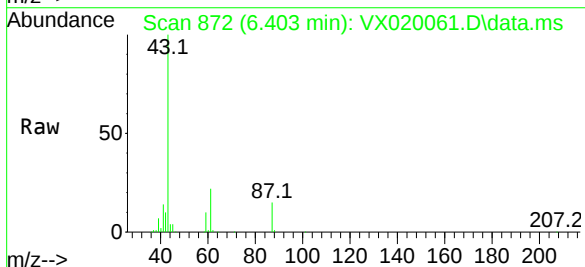
Acq: 16 Dec 2020 13:17

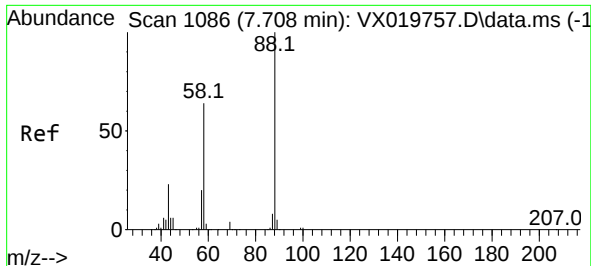
Tgt Ion: 43 Resp: 130901

Ion Ratio Lower Upper

43 100

61 22.8 18.1 27.1

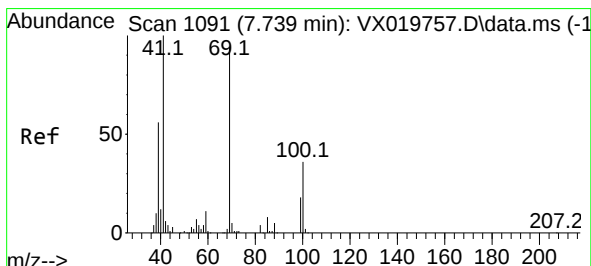
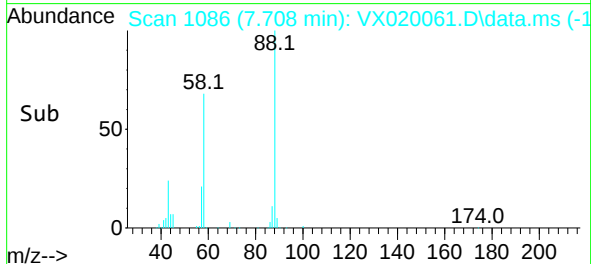
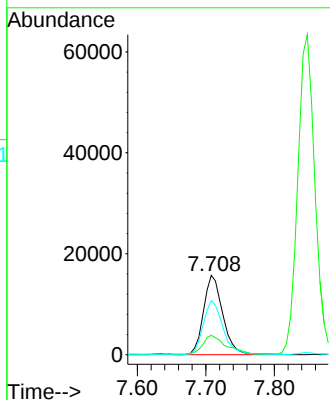
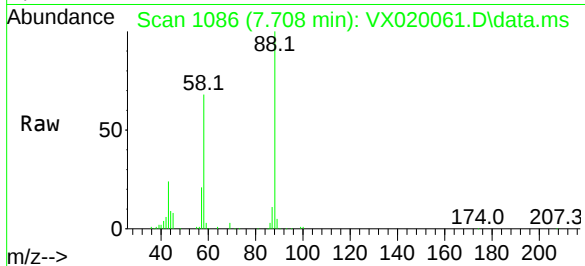




#45  
1,4-Dioxane  
Concen: 377.09 ug/l  
RT: 7.708 min Scan# 1086  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

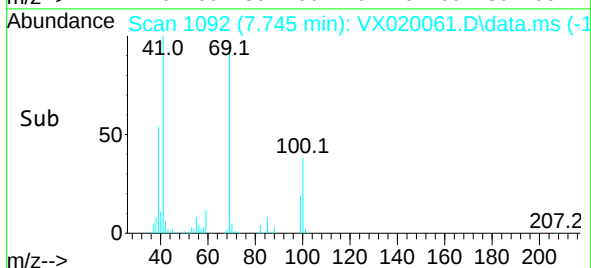
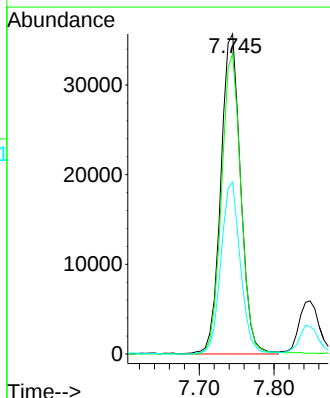
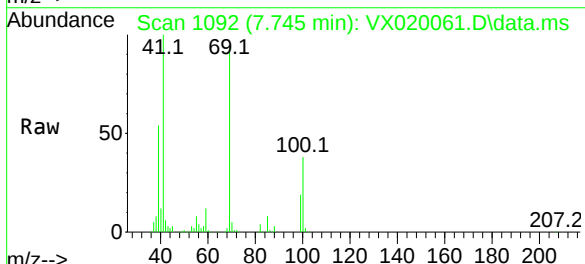
Instrument :  
MSVOA\_X  
ClientSampled :

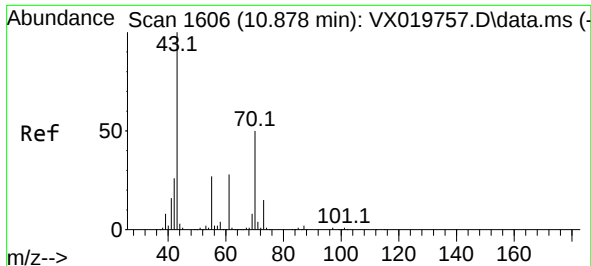
Tgt Ion: 88 Resp: 30630  
Ion Ratio Lower Upper  
88 100  
43 28.6 22.2 33.2  
58 69.4 53.9 80.9



#46  
Methyl methacrylate  
Concen: 19.88 ug/l  
RT: 7.745 min Scan# 1092  
Delta R.T. 0.006 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 41 Resp: 65742  
Ion Ratio Lower Upper  
41 100  
69 93.9 46.9 140.6  
39 53.7 28.0 83.9

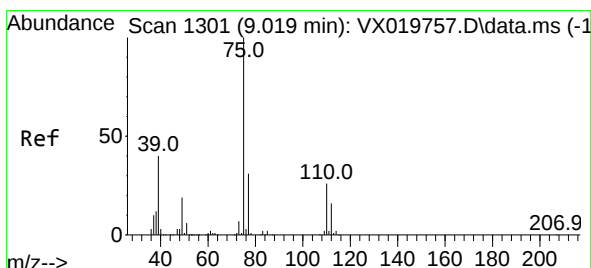
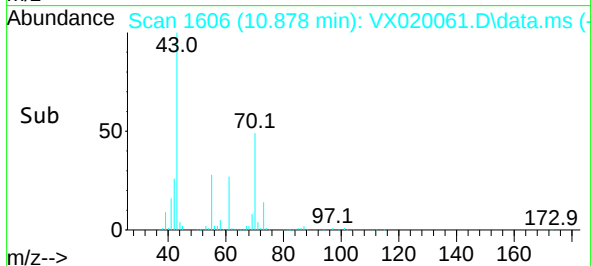
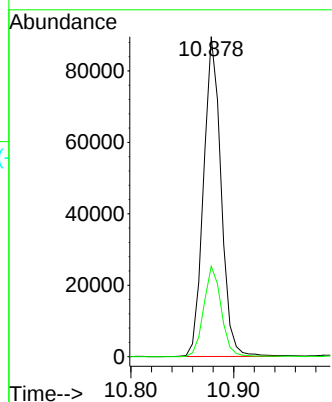
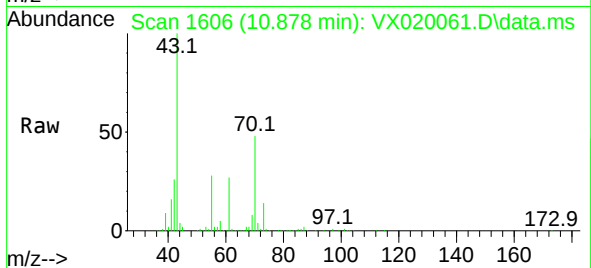




#47  
n-amy1 Acetate  
Concen: 18.48 ug/l  
RT: 10.878 min Scan# 1606  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

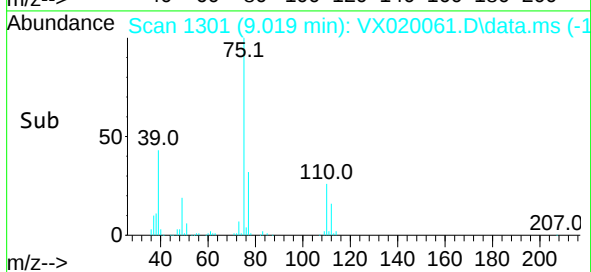
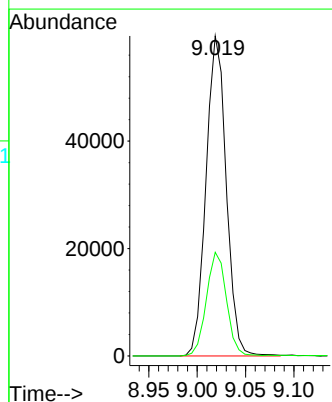
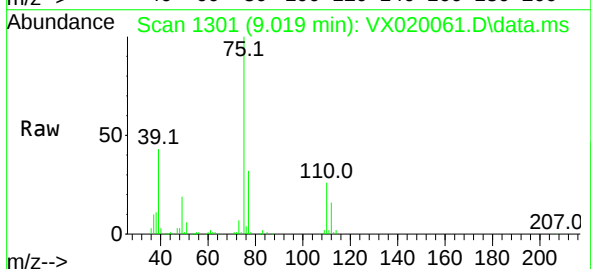
Instrument :  
MSVOA\_X  
ClientSampled :

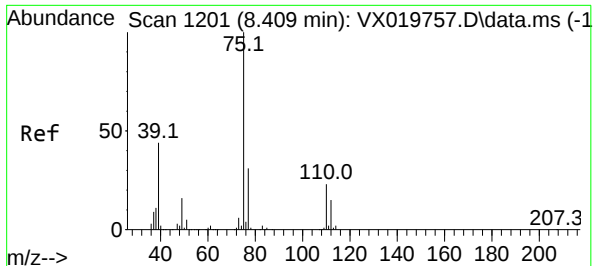
Tgt Ion: 43 Resp: 106299  
Ion Ratio Lower Upper  
43 100  
55 28.4 21.8 32.6



#48  
t-1,3-Dichloropropene  
Concen: 18.18 ug/l  
RT: 9.019 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 75 Resp: 86889  
Ion Ratio Lower Upper  
75 100  
77 32.4 25.0 37.6

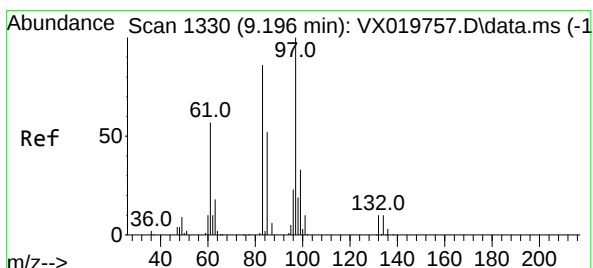
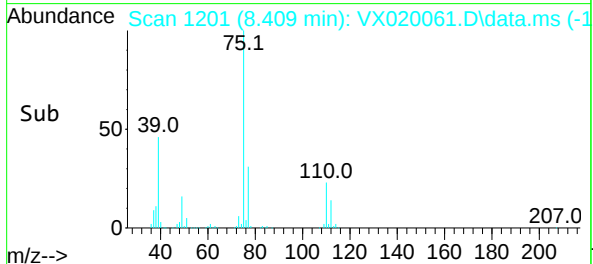
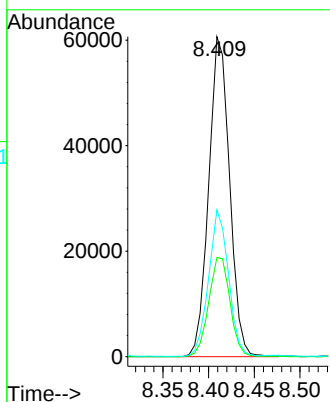
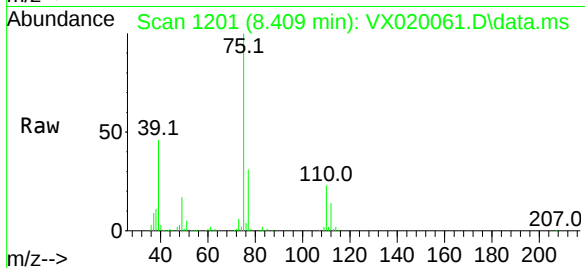




#49  
cis-1,3-Dichloropropene  
Concen: 18.41 ug/l  
RT: 8.409 min Scan# 1201  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

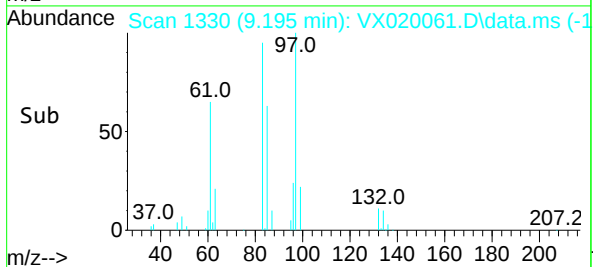
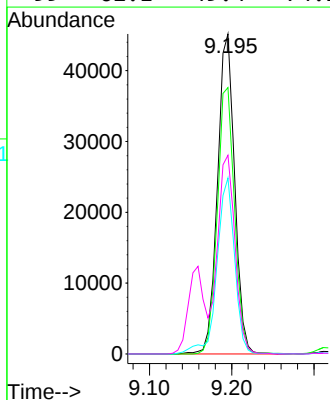
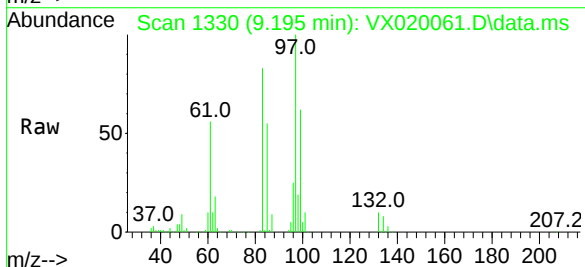
Instrument :  
MSVOA\_X  
ClientSampleId :

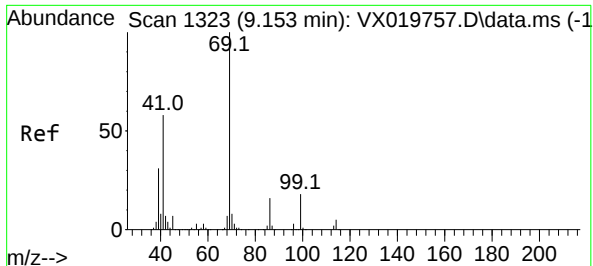
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 96248 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 31.0  | 24.4  | 36.6  |
| 39       | 45.7  | 35.4  | 53.0  |



#50  
1,1,2-Trichloroethane  
Concen: 20.32 ug/l  
RT: 9.195 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 65437 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.2  | 68.5  | 102.7 |
| 85       | 54.9  | 43.8  | 65.6  |
| 99       | 62.1  | 49.4  | 74.2  |

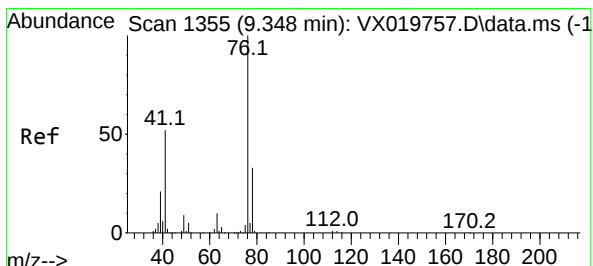
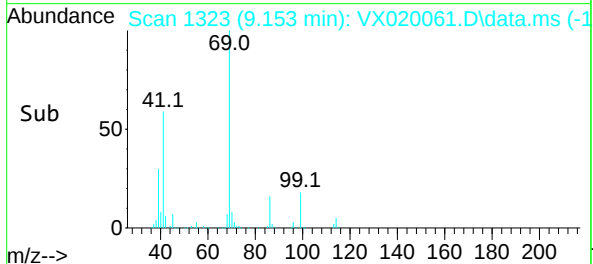
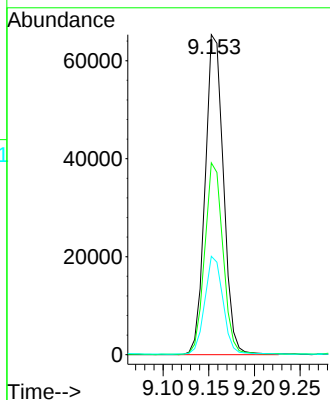
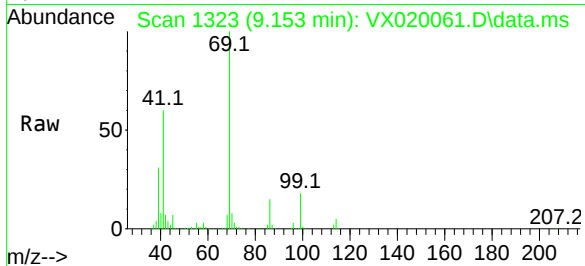




#51  
Ethyl methacrylate  
Concen: 18.40 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

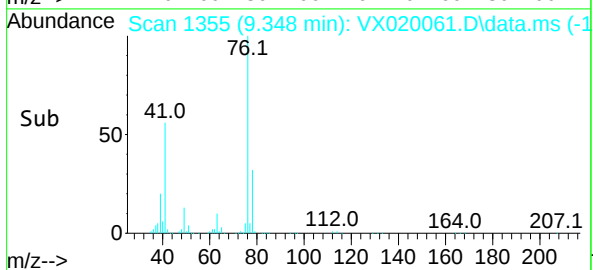
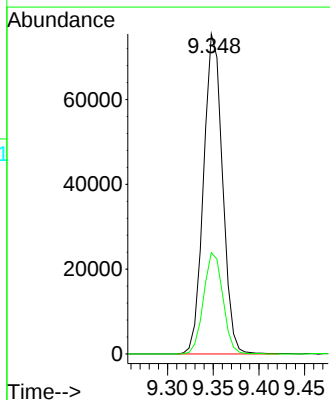
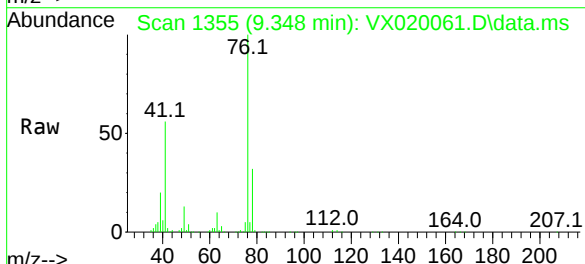
Instrument :  
MSVOA\_X  
ClientSampleId :

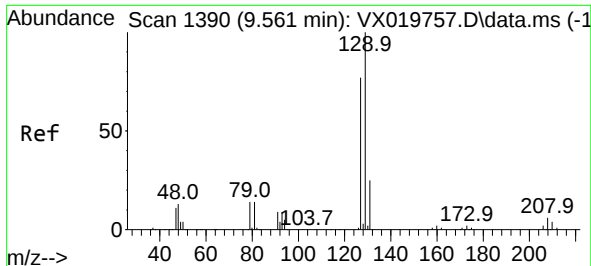
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 90951 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 59.9  | 29.1  | 87.4  |
| 39       | 30.5  | 15.4  | 46.1  |



#52  
1,3-Dichloropropane  
Concen: 20.09 ug/l  
RT: 9.348 min Scan# 1355  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 76    | Resp: | 108906 |
| Ion      | Ratio | Lower | Upper  |
| 76       | 100   |       |        |
| 78       | 32.1  | 0.0   | 66.0   |

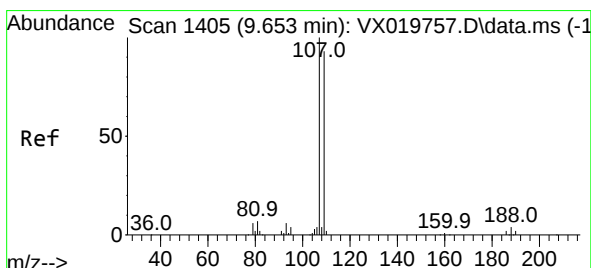
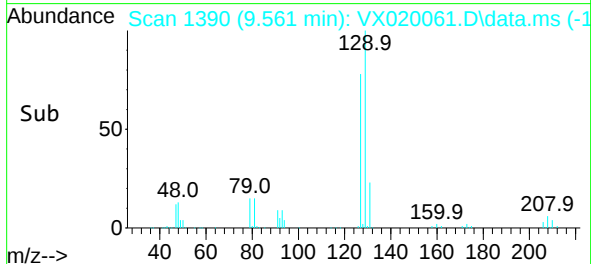
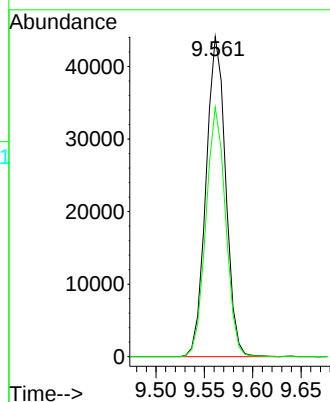
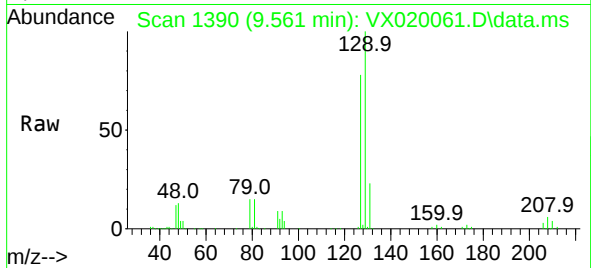




#53  
Dibromochloromethane  
Concen: 18.38 ug/l  
RT: 9.561 min Scan# 1390  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

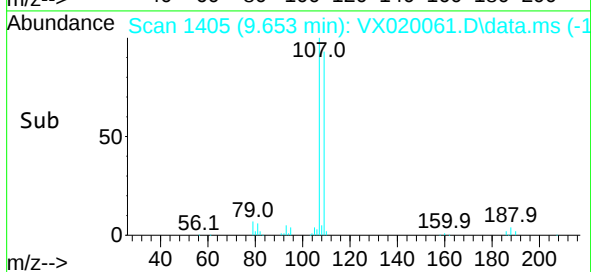
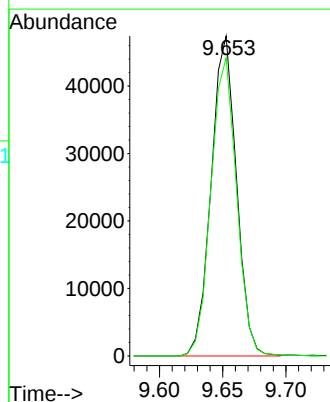
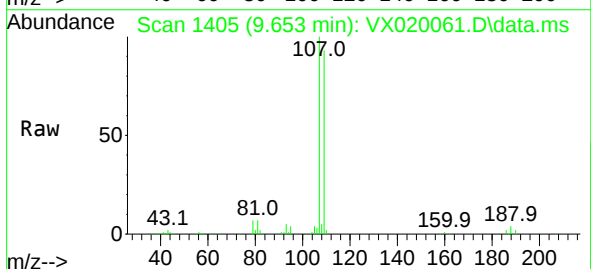
Instrument :  
MSVOA\_X  
ClientSampled :

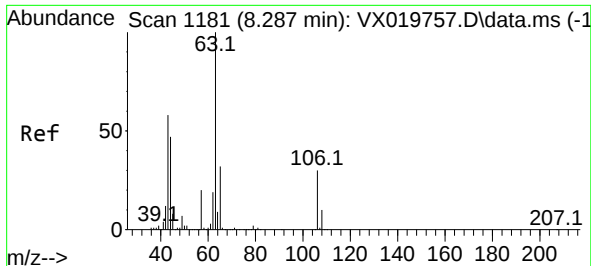
Tgt Ion:129 Resp: 62383  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.4 115.2



#54  
1,2-Dibromoethane  
Concen: 19.26 ug/l  
RT: 9.653 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion:107 Resp: 65725  
Ion Ratio Lower Upper  
107 100  
109 94.6 73.6 110.4

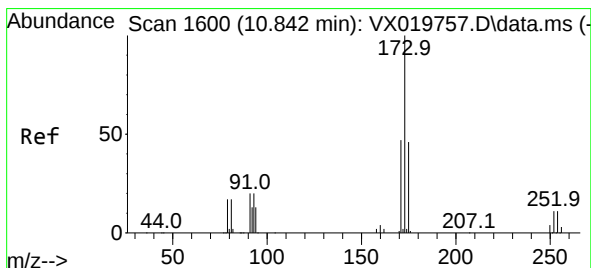
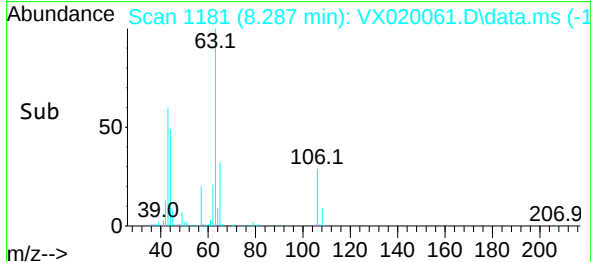
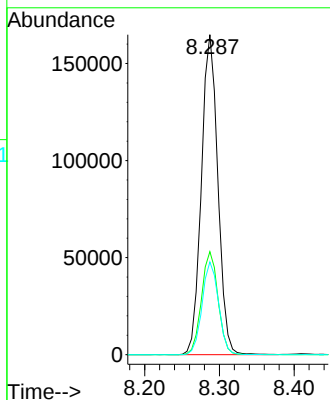
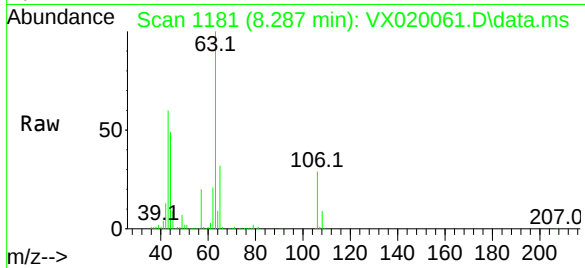




#55  
2-Chloroethyl vinyl ether  
Concen: 98.74 ug/l  
RT: 8.287 min Scan# 1181  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

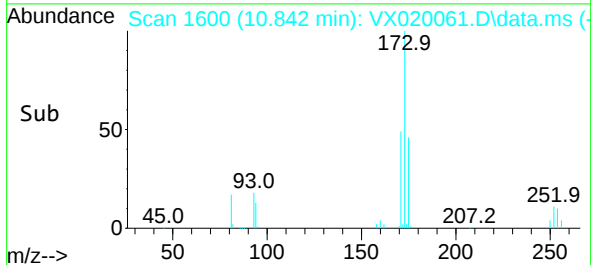
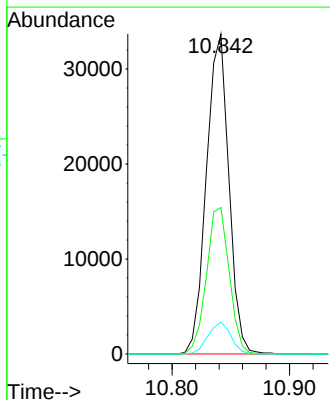
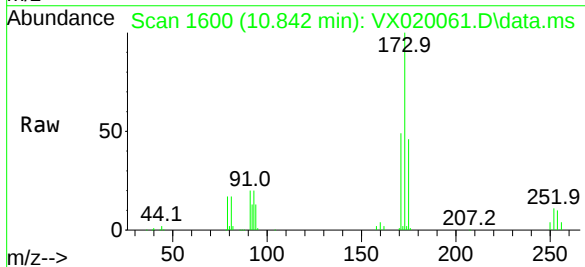
Instrument :  
MSVOA\_X  
ClientSampled :

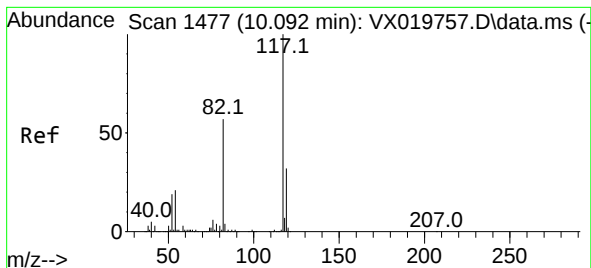
Tgt Ion: 63 Resp: 252512  
Ion Ratio Lower Upper  
63 100  
65 32.3 25.9 38.9  
106 28.9 23.9 35.9



#56  
Bromoform  
Concen: 17.70 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 173 Resp: 44729  
Ion Ratio Lower Upper  
173 100  
175 46.5 38.1 57.1  
254 10.1 8.2 12.4

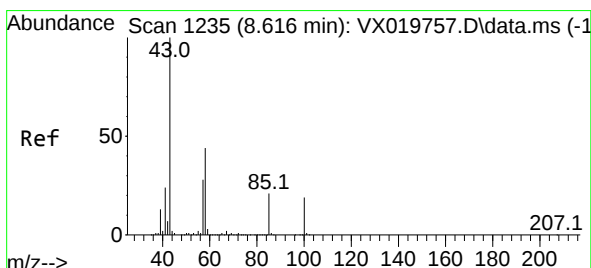
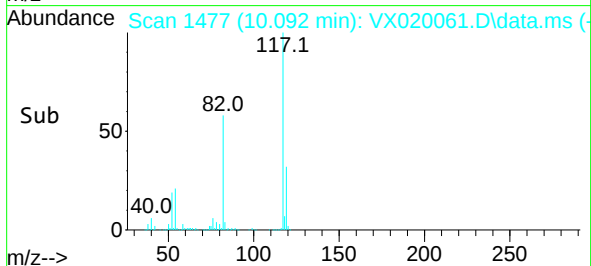
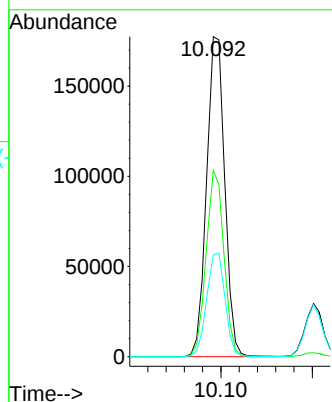
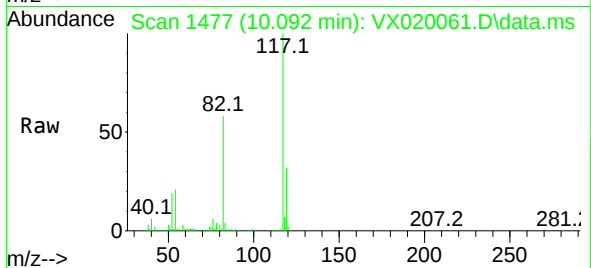




#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 10.092 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

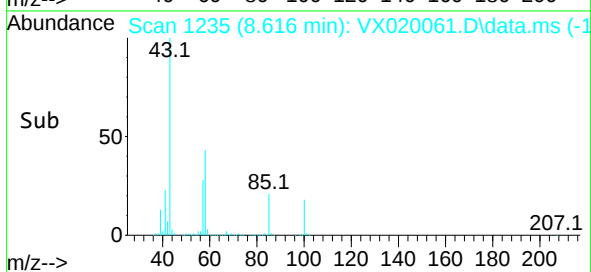
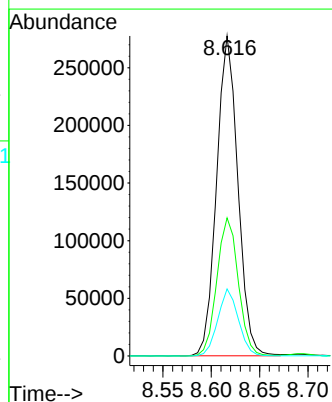
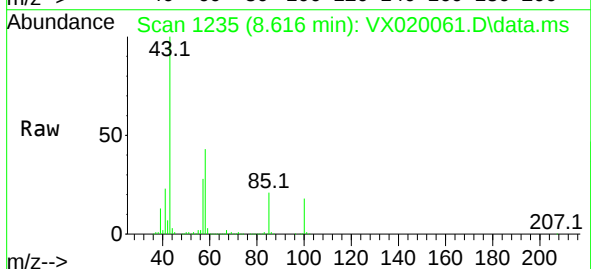
Instrument :  
MSVOA\_X  
ClientSampleId :

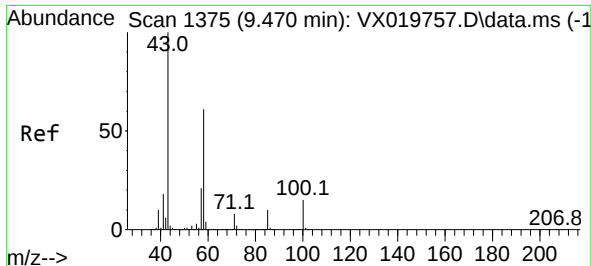
Tgt Ion:117 Resp: 244215  
Ion Ratio Lower Upper  
117 100  
82 57.2 45.0 67.6  
119 32.7 25.6 38.4



#58  
4-Methyl-2-Pentanone  
Concen: 101.62 ug/l  
RT: 8.616 min Scan# 1235  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 43 Resp: 424009  
Ion Ratio Lower Upper  
43 100  
58 43.5 35.2 52.8  
85 20.3 16.8 25.2

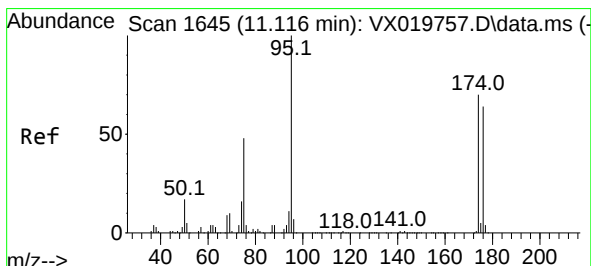
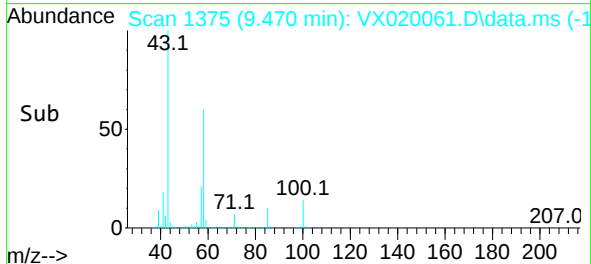
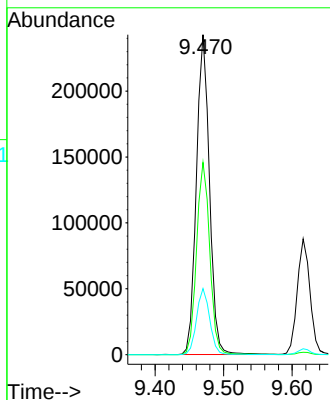
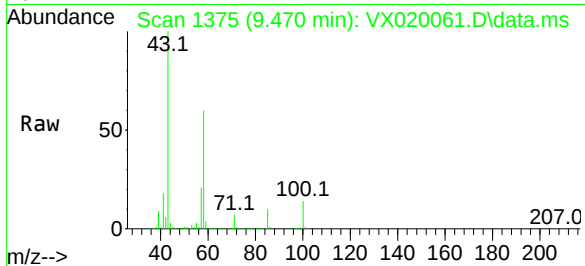




#59  
2-Hexanone  
Concen: 99.06 ug/l  
RT: 9.470 min Scan# 1375  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

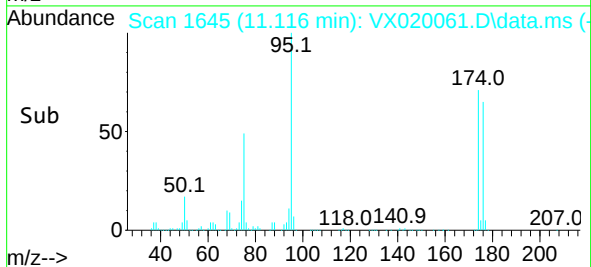
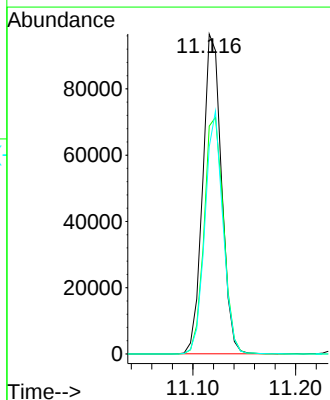
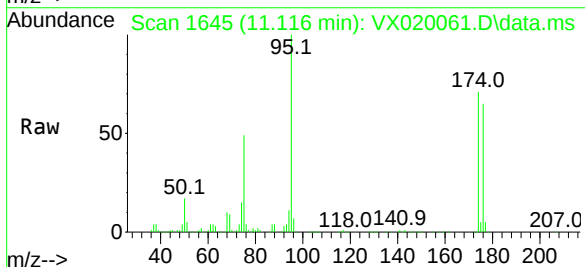
Instrument :  
MSVOA\_X  
ClientSampled :

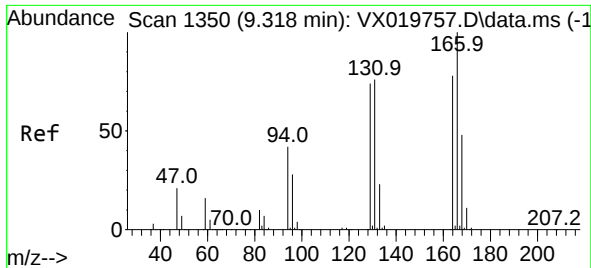
Tgt Ion: 43 Resp: 322611  
Ion Ratio Lower Upper  
43 100  
58 60.6 49.0 73.6  
57 20.7 17.1 25.7



#60  
4-Bromofluorobenzene  
Concen: 29.85 ug/l  
RT: 11.116 min Scan# 1645  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

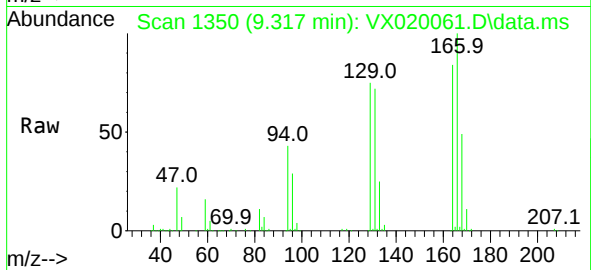
Tgt Ion: 95 Resp: 122408  
Ion Ratio Lower Upper  
95 100  
174 76.5 63.0 94.4  
176 72.8 59.9 89.9



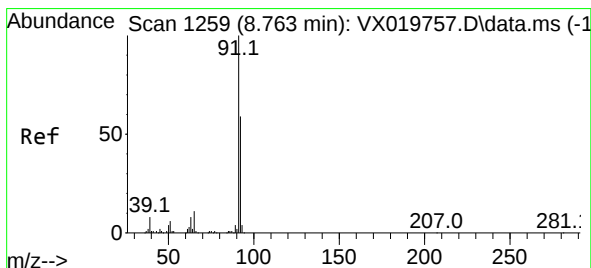
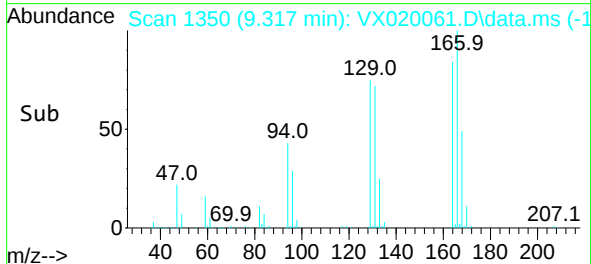
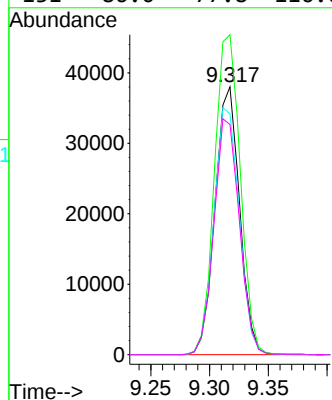


#61  
Tetrachloroethene  
Concen: 19.19 ug/l  
RT: 9.317 min Scan# 1350  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

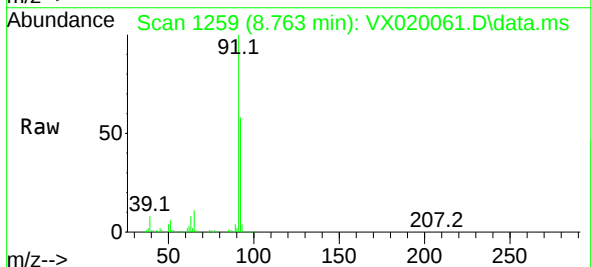
Instrument :  
MSVOA\_X  
ClientSampled :



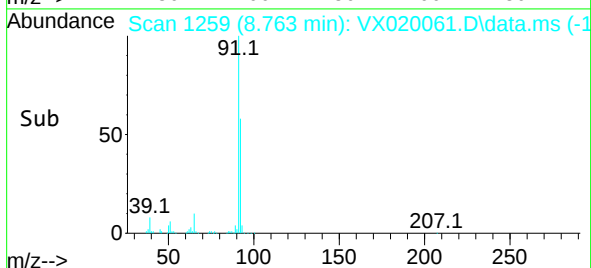
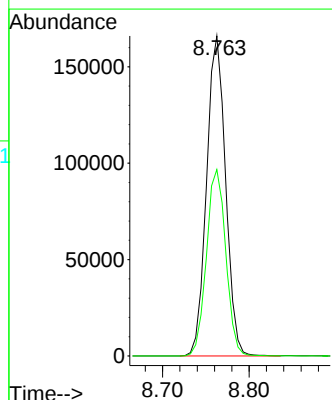
Tgt Ion:164 Resp: 55297  
Ion Ratio Lower Upper  
164 100  
166 119.5 102.8 154.2  
129 89.9 75.8 113.8  
131 86.0 77.8 116.6

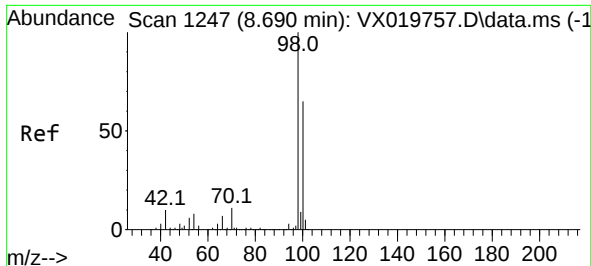


#62  
Toluene  
Concen: 18.77 ug/l  
RT: 8.763 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17



Tgt Ion: 91 Resp: 253170  
Ion Ratio Lower Upper  
91 100  
92 59.3 47.2 70.8

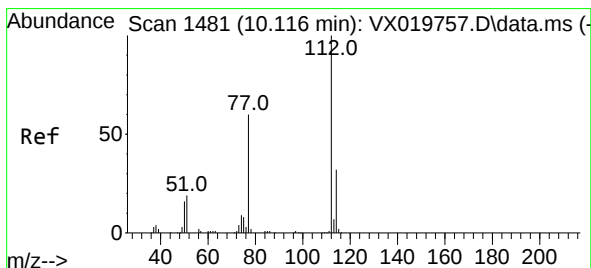
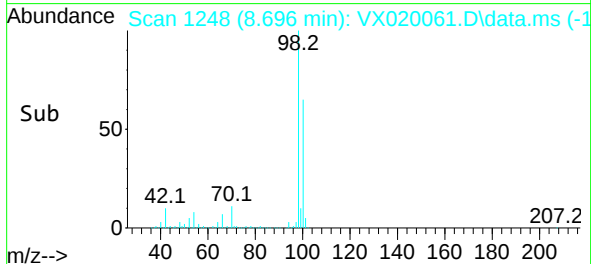
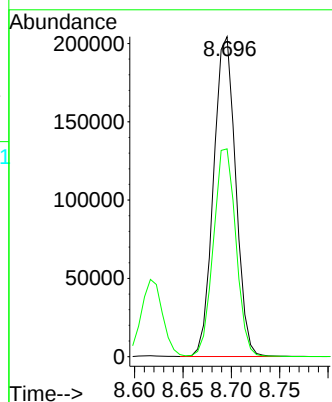
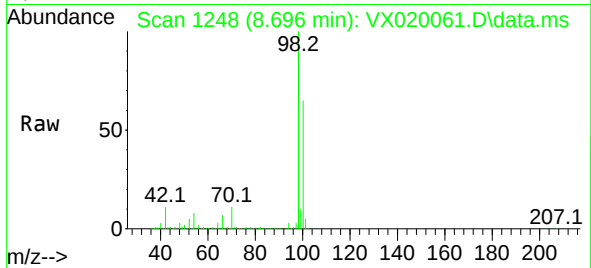




#63  
Toluene-d8  
Concen: 30.30 ug/l  
RT: 8.696 min Scan# 1248  
Delta R.T. 0.006 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

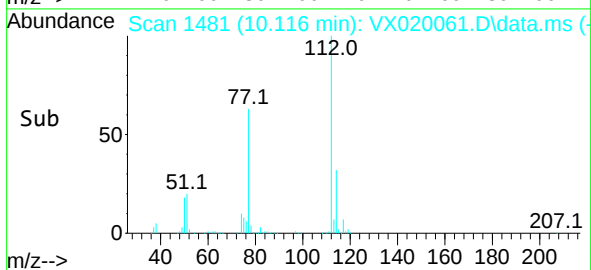
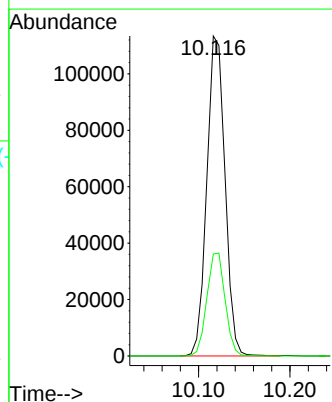
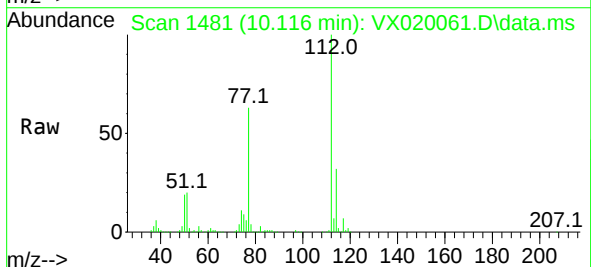
Instrument :  
MSVOA\_X  
ClientSampled :

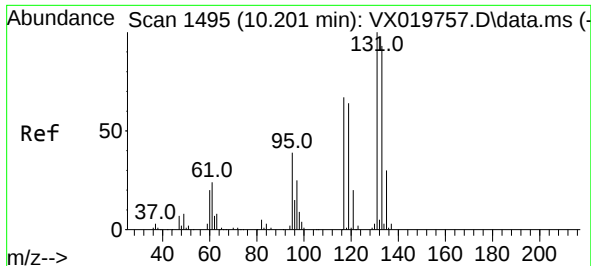
Tgt Ion: 98 Resp: 324112  
Ion Ratio Lower Upper  
98 100  
100 66.4 53.0 79.4



#64  
Chlorobenzene  
Concen: 18.50 ug/l  
RT: 10.116 min Scan# 1481  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 112 Resp: 156426  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.7 38.5

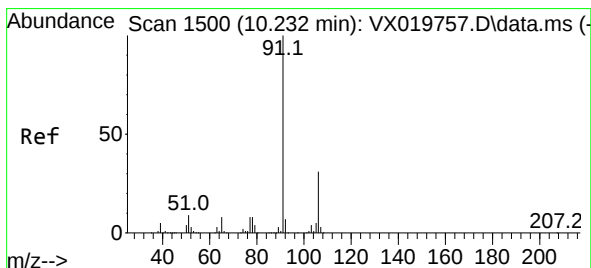
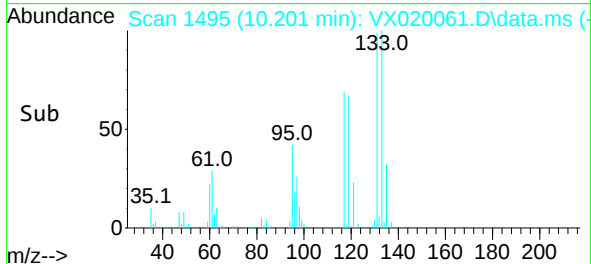
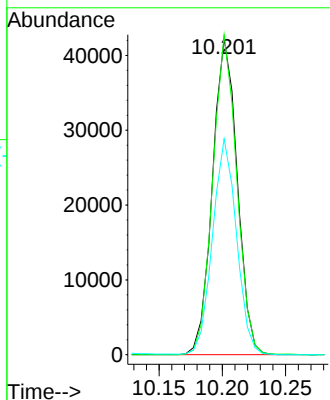
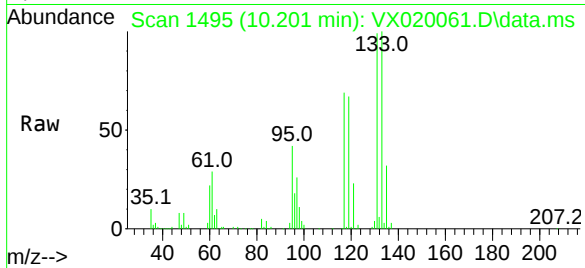




#65  
1,1,1,2-Tetrachloroethane  
Concen: 18.29 ug/l  
RT: 10.201 min Scan# 1495  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

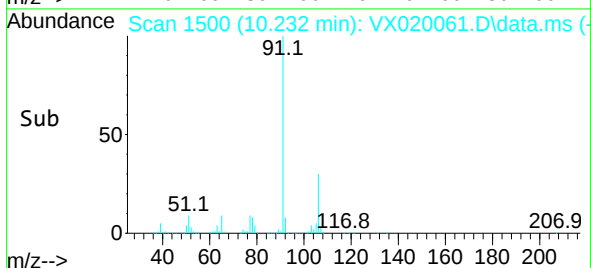
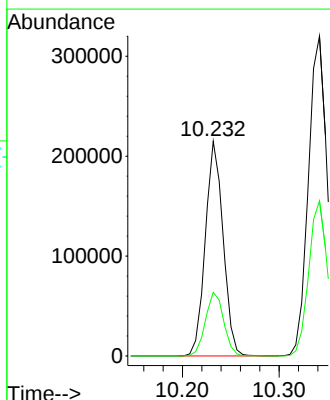
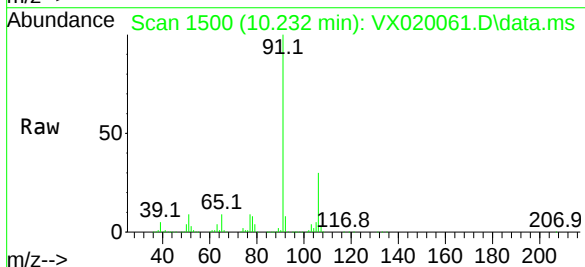
Instrument :  
MSVOA\_X  
ClientSampled :

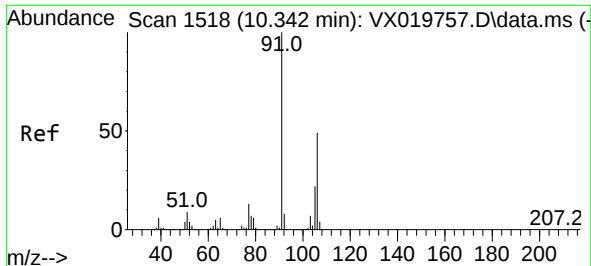
Tgt Ion:131 Resp: 57356  
Ion Ratio Lower Upper  
131 100  
133 97.9 0.0 189.6  
119 66.2 0.0 129.0



#66  
Ethyl Benzene  
Concen: 18.18 ug/l  
RT: 10.232 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 91 Resp: 275316  
Ion Ratio Lower Upper  
91 100  
106 29.6 25.0 37.4

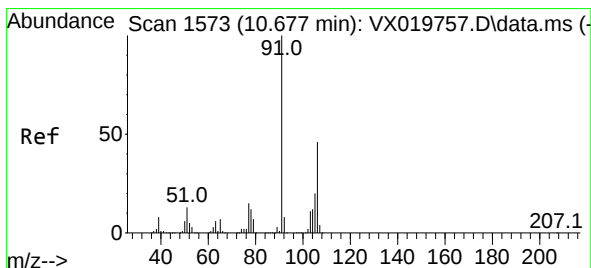
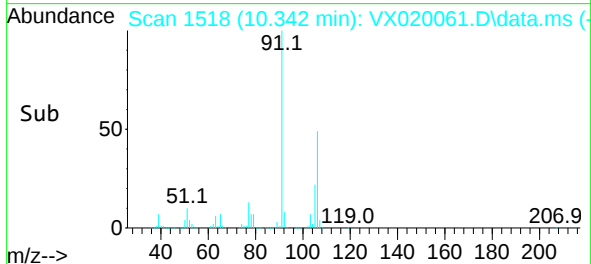
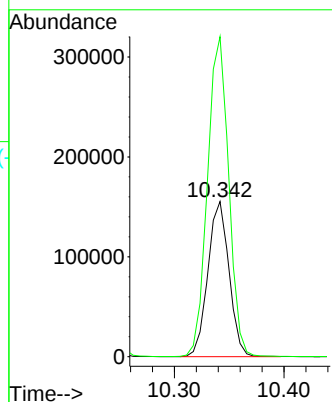
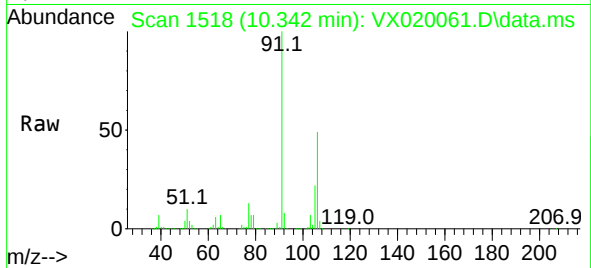




#67  
m/p-Xylenes  
Concen: 36.32 ug/l  
RT: 10.342 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

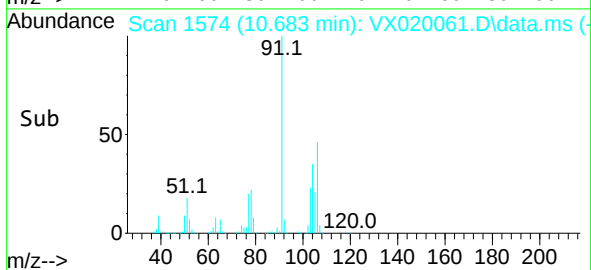
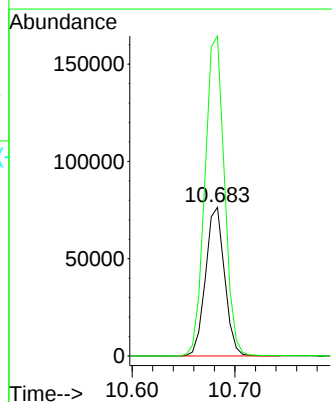
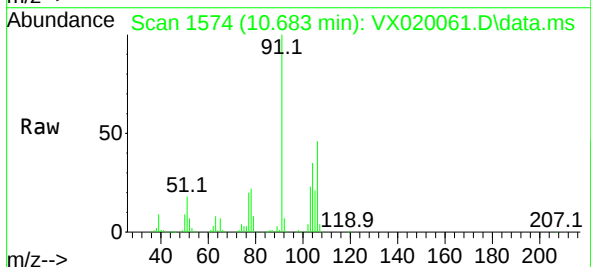
Instrument :  
MSVOA\_X  
ClientSampled :

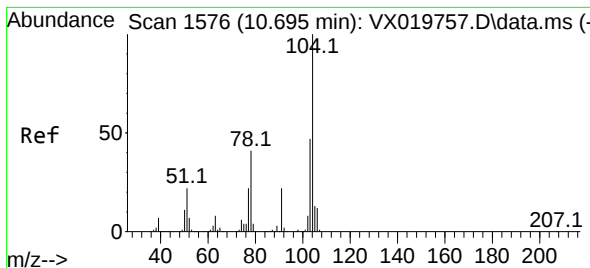
Tgt Ion:106 Resp: 207777  
Ion Ratio Lower Upper  
106 100  
91 207.8 164.0 246.0



#68  
o-Xylene  
Concen: 17.75 ug/l  
RT: 10.683 min Scan# 1574  
Delta R.T. 0.006 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion:106 Resp: 98573  
Ion Ratio Lower Upper  
106 100  
91 221.5 106.5 319.6





#69

Styrene

Concen: 17.96 ug/l

RT: 10.695 min Scan# 1576

Delta R.T. -0.000 min

Lab File: VX020061.D

Acq: 16 Dec 2020 13:17

Tgt Ion:104 Resp: 169482

Ion Ratio Lower Upper

104 100

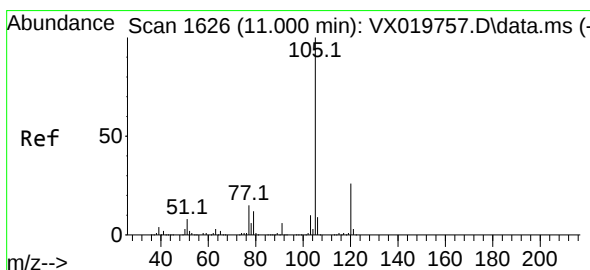
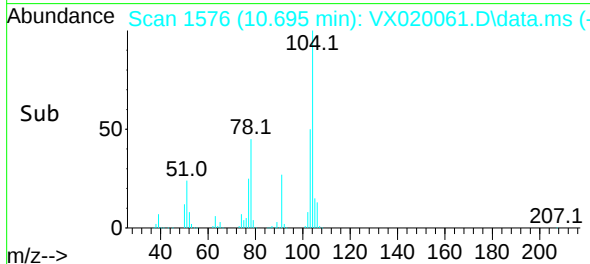
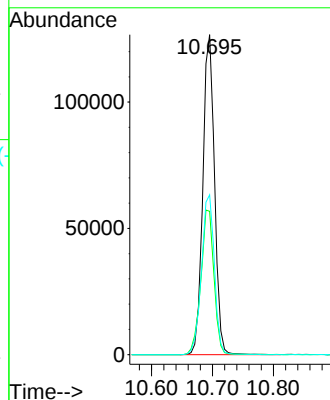
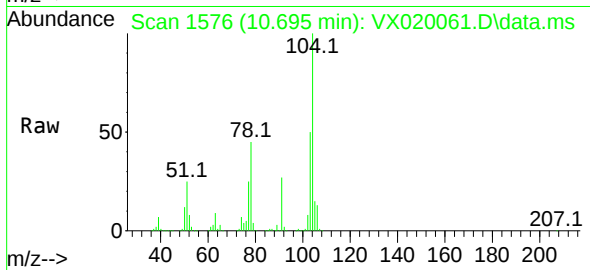
78 50.5 39.2 58.8

103 55.0 43.0 64.4

Instrument :

MSVOA\_X

ClientSampled :



#70

Isopropylbenzene

Concen: 18.32 ug/l

RT: 11.000 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VX020061.D

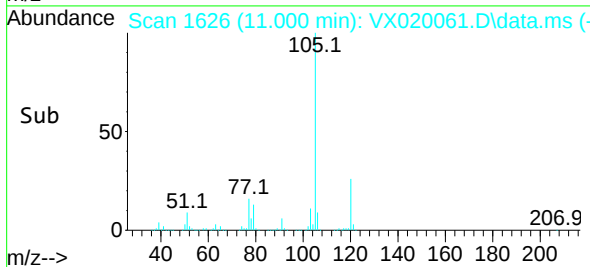
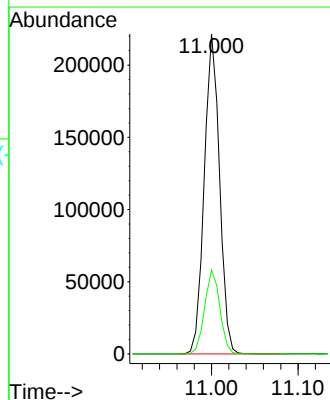
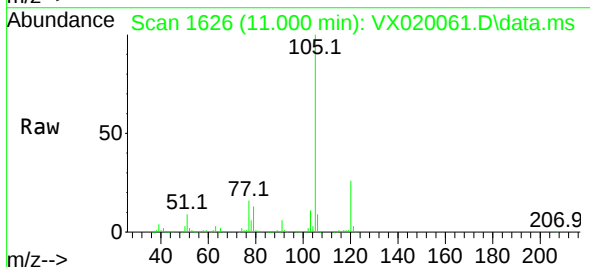
Acq: 16 Dec 2020 13:17

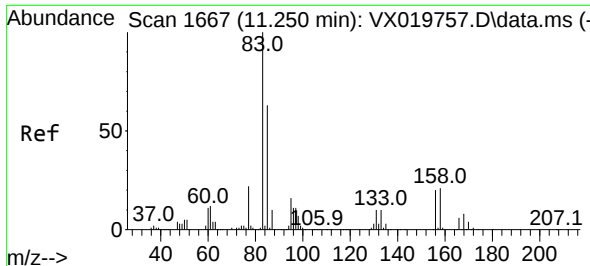
Tgt Ion:105 Resp: 271131

Ion Ratio Lower Upper

105 100

120 26.2 18.4 34.2

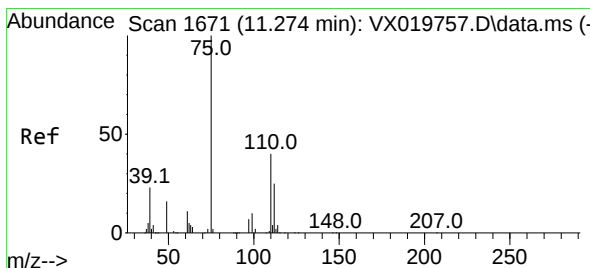
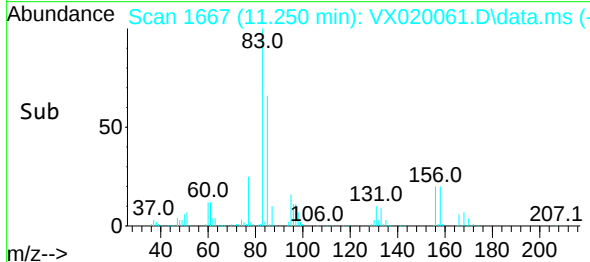
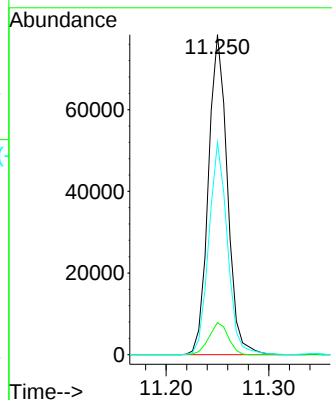
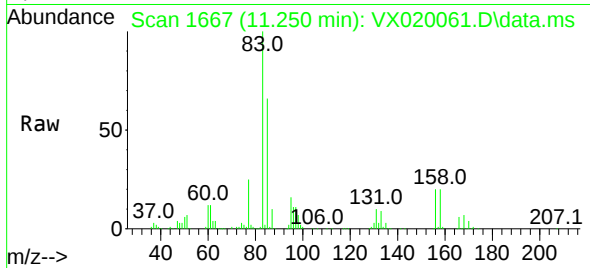




#71  
1,1,2,2-Tetrachloroethane  
Concen: 19.58 ug/l  
RT: 11.250 min Scan# 1667  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

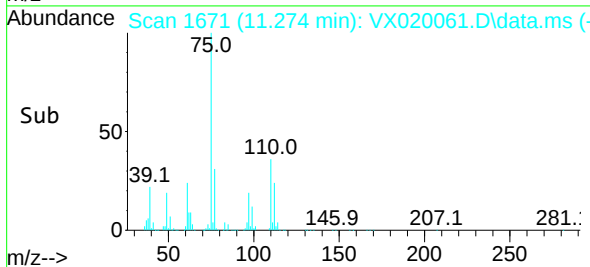
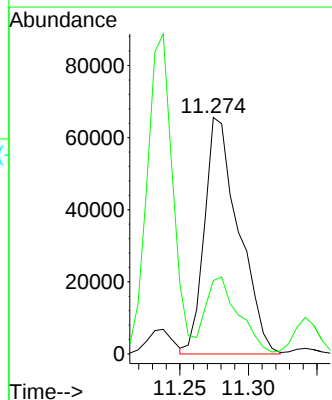
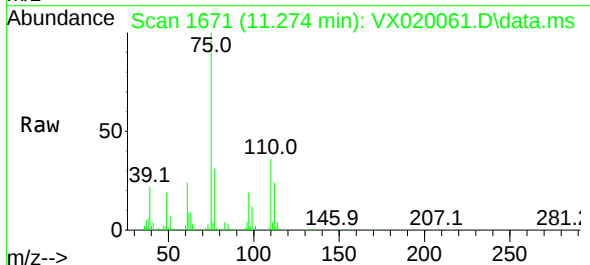
Instrument :  
MSVOA\_X  
ClientSampleId :

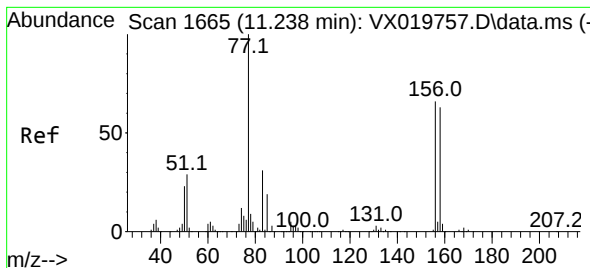
Tgt Ion: 83 Resp: 100262  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.1 15.3  
85 65.0 32.0 96.0



#72  
1,2,3-Trichloropropane  
Concen: 23.82 ug/l  
RT: 11.274 min Scan# 1671  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 75 Resp: 113824  
Ion Ratio Lower Upper  
75 100  
77 30.8 0.0 74.6

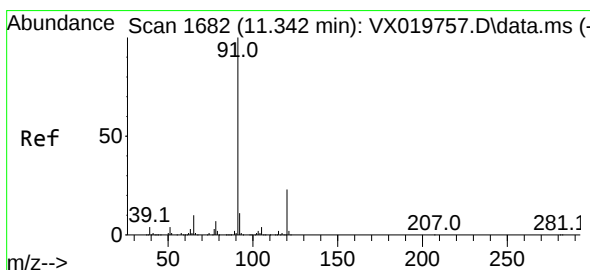
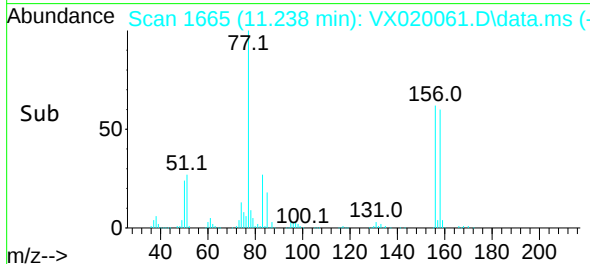
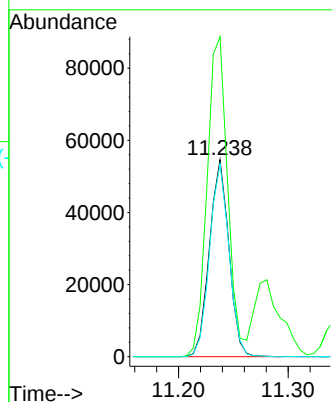
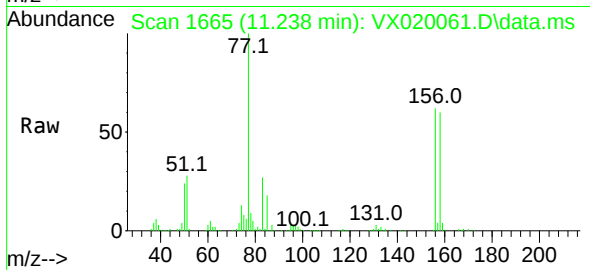




#73  
Bromobenzene  
Concen: 17.93 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

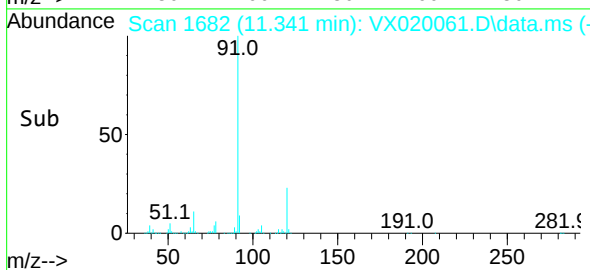
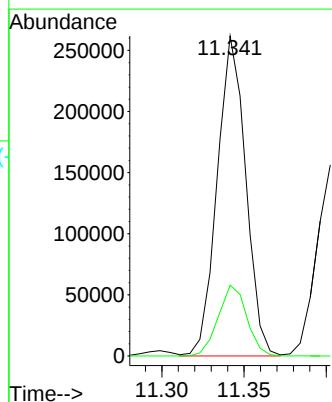
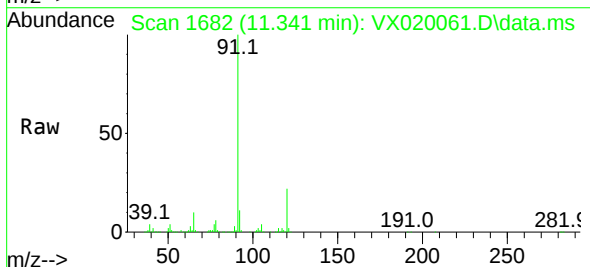
Instrument :  
MSVOA\_X  
ClientSampleId :

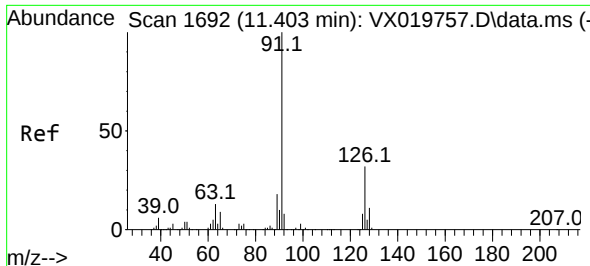
Tgt Ion:156 Resp: 67548  
Ion Ratio Lower Upper  
156 100  
77 171.5 0.0 324.8  
158 97.5 0.0 192.0



#74  
n-propylbenzene  
Concen: 18.47 ug/l  
RT: 11.341 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 91 Resp: 316129  
Ion Ratio Lower Upper  
91 100  
120 22.1 0.0 45.8

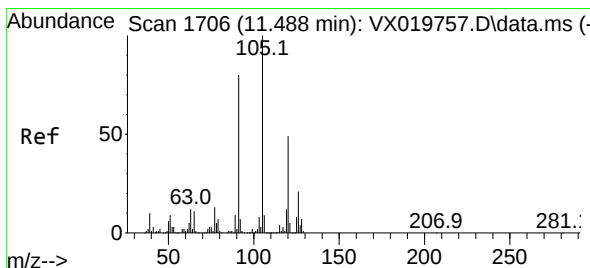
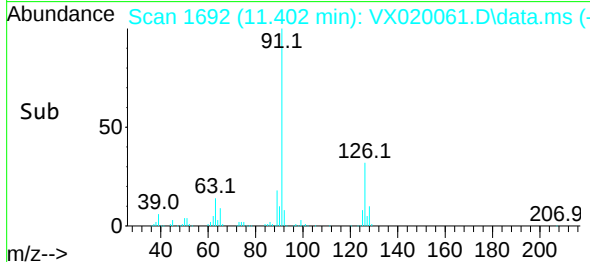
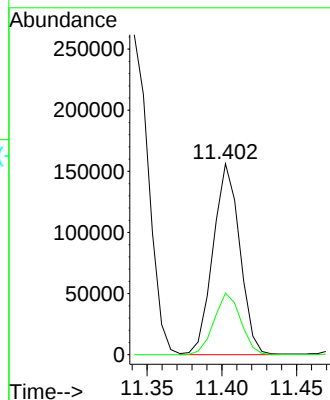
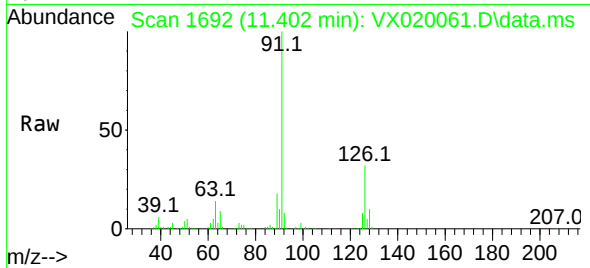




#75  
2-Chlorotoluene  
Concen: 18.76 ug/l  
RT: 11.402 min Scan# 1692  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

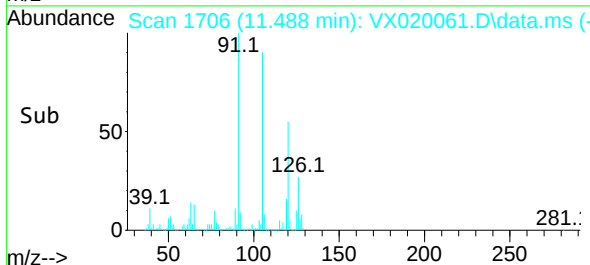
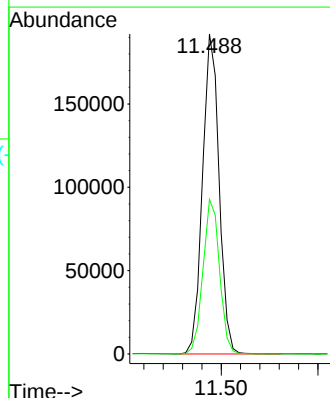
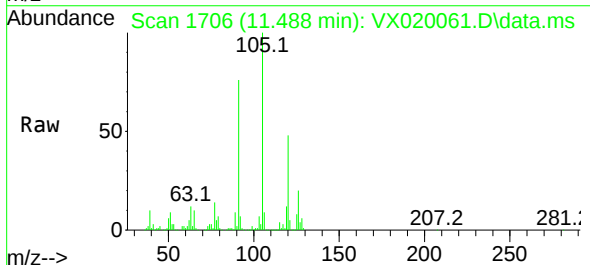
Instrument :  
MSVOA\_X  
ClientSampled :

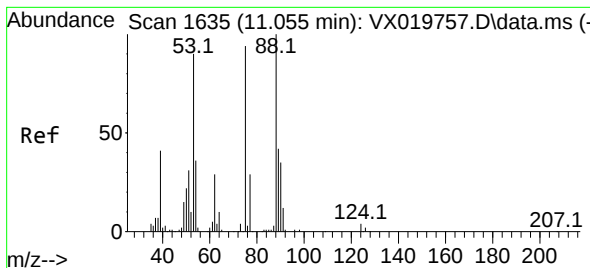
Tgt Ion: 91 Resp: 194912  
Ion Ratio Lower Upper  
91 100  
126 32.0 0.0 66.6



#76  
1,3,5-Trimethylbenzene  
Concen: 18.24 ug/l  
RT: 11.488 min Scan# 1706  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 105 Resp: 228780  
Ion Ratio Lower Upper  
105 100  
120 48.3 0.0 96.2

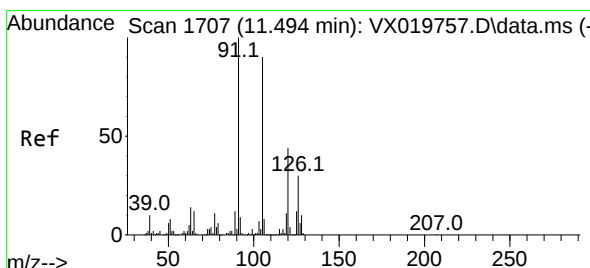
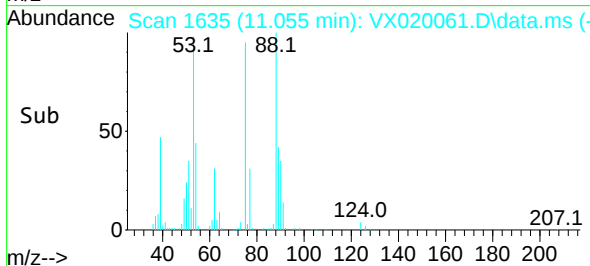
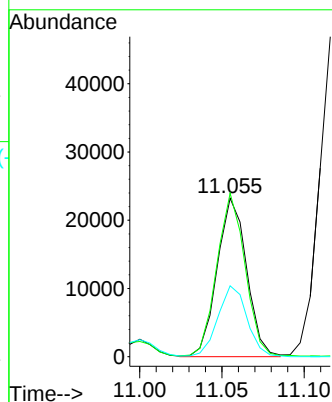
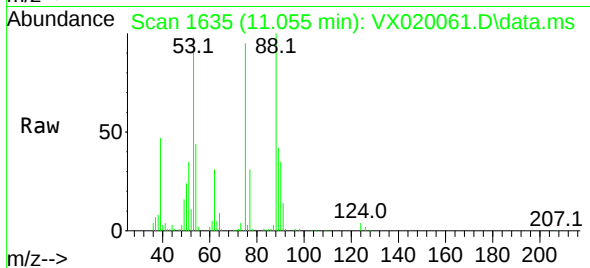




#77  
t-1,4-Dichloro-2-butene  
Concen: 16.83 ug/l  
RT: 11.055 min Scan# 1635  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

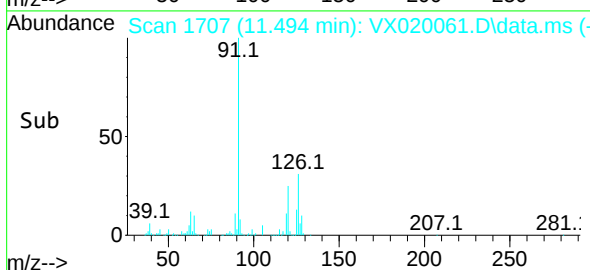
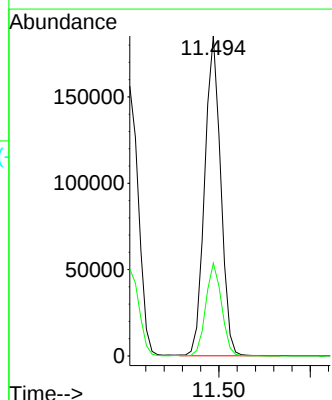
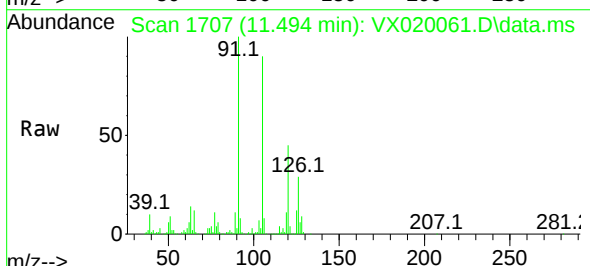
Instrument :  
MSVOA\_X  
ClientSampleId :

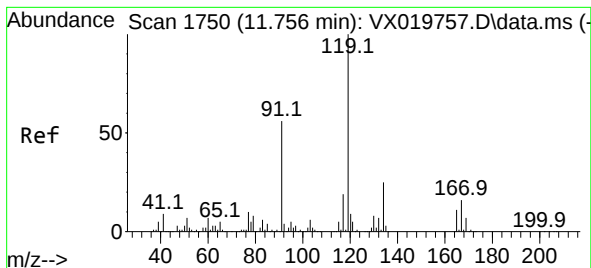
Tgt Ion: 75 Resp: 29030  
Ion Ratio Lower Upper  
75 100  
53 103.1 48.4 145.0  
89 44.6 22.7 68.0



#78  
4-Chlorotoluene  
Concen: 18.72 ug/l  
RT: 11.494 min Scan# 1707  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 91 Resp: 224806  
Ion Ratio Lower Upper  
91 100  
126 28.3 0.0 57.8

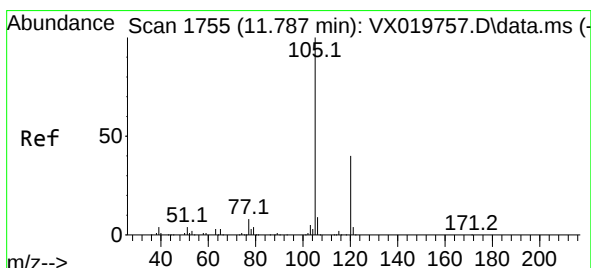
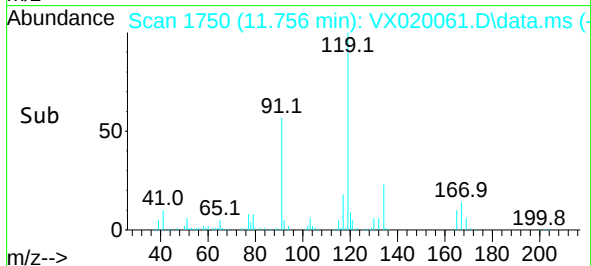
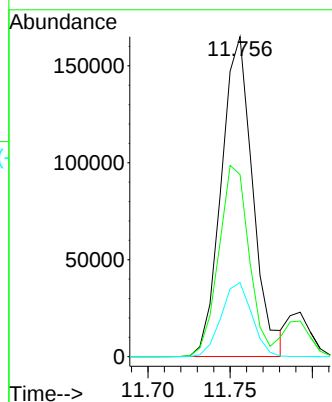
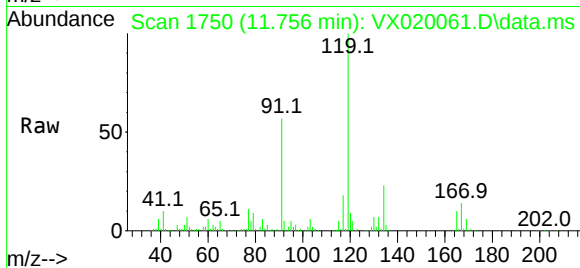




#79  
tert-butylbenzene  
Concen: 17.90 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

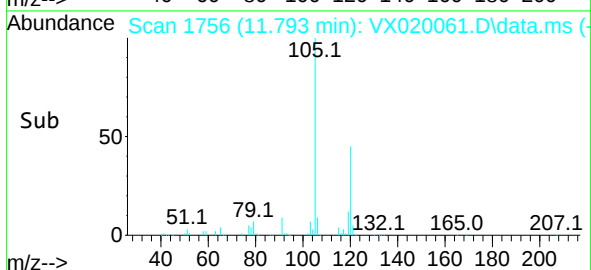
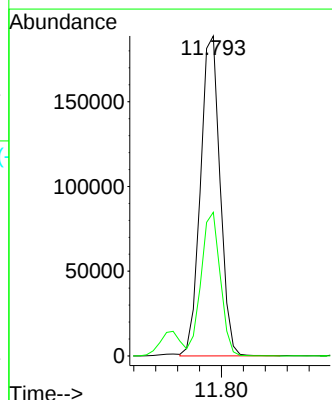
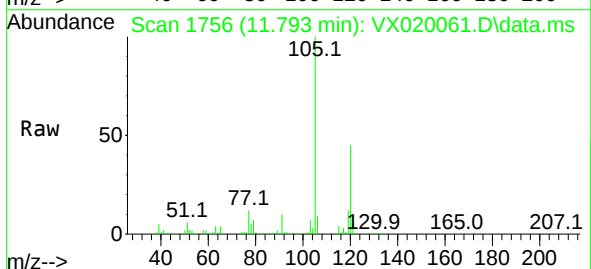
Instrument :  
MSVOA\_X  
ClientSampleId :

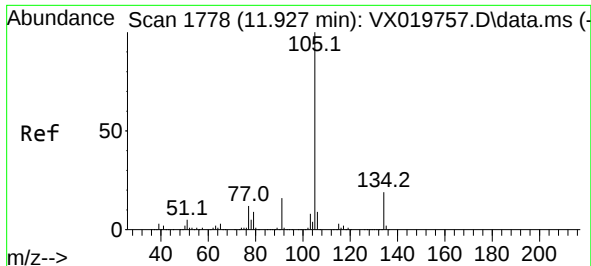
Tgt Ion:119 Resp: 219808  
Ion Ratio Lower Upper  
119 100  
91 57.6 0.0 118.0  
134 22.6 0.0 48.0



#80  
1,2,4-Trimethylbenzene  
Concen: 18.58 ug/l  
RT: 11.793 min Scan# 1756  
Delta R.T. 0.006 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion:105 Resp: 234036  
Ion Ratio Lower Upper  
105 100  
120 43.9 0.0 89.8

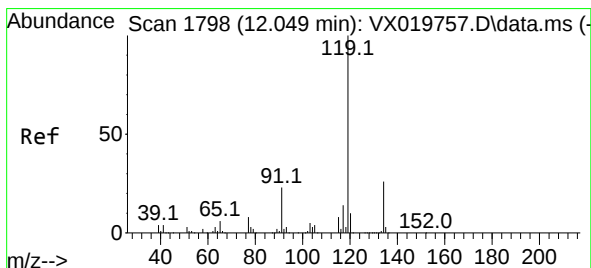
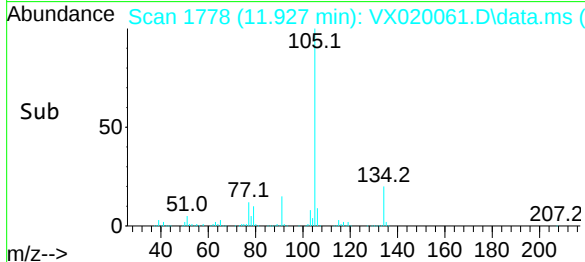
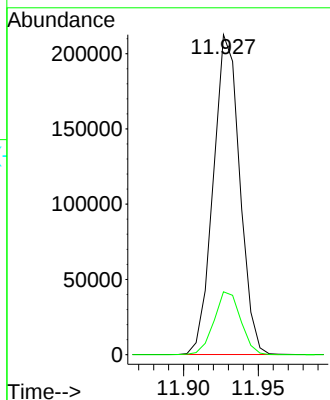
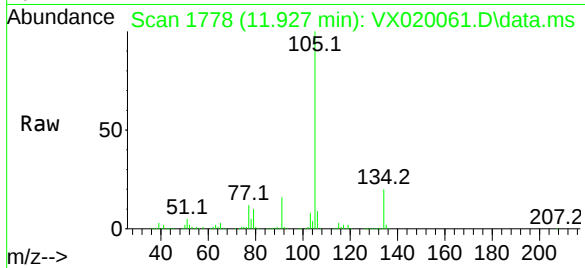




#81  
 sec-Butylbenzene  
 Concen: 18.40 ug/l  
 RT: 11.927 min Scan# 1778  
 Delta R.T. -0.000 min  
 Lab File: VX020061.D  
 Acq: 16 Dec 2020 13:17

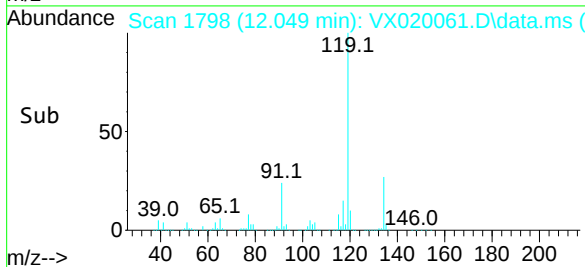
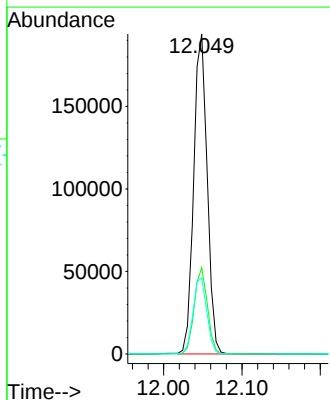
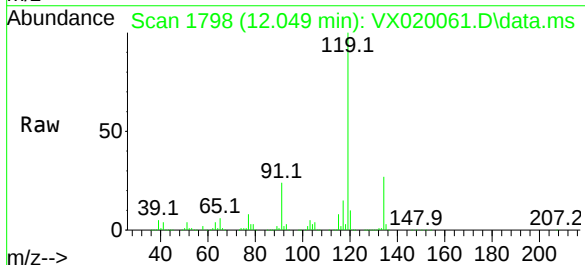
Instrument :  
 MSVOA\_X  
 ClientSampleId :

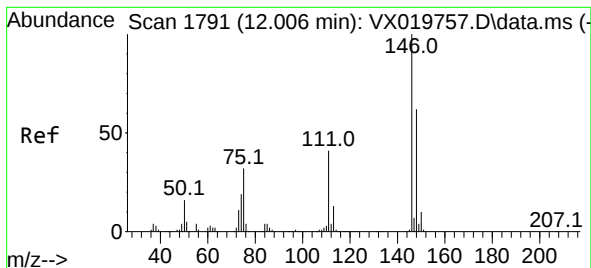
Tgt Ion:105 Resp: 261478  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 0.0 39.6



#82  
 p-Isopropyltoluene  
 Concen: 17.88 ug/l  
 RT: 12.049 min Scan# 1798  
 Delta R.T. -0.000 min  
 Lab File: VX020061.D  
 Acq: 16 Dec 2020 13:17

Tgt Ion:119 Resp: 232912  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 0.0 52.8  
 91 24.3 0.0 47.4





#83

1,3-Dichlorobenzene

Concen: 18.30 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX020061.D

Acq: 16 Dec 2020 13:17

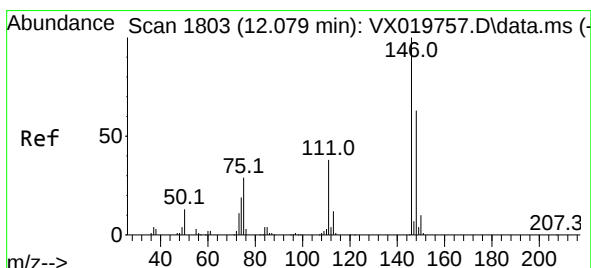
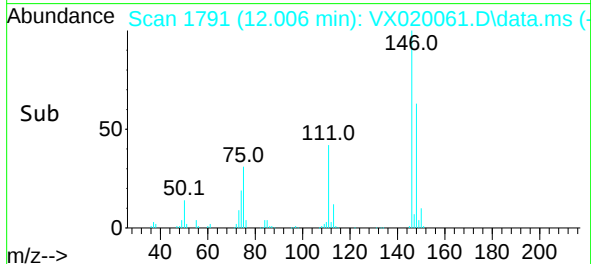
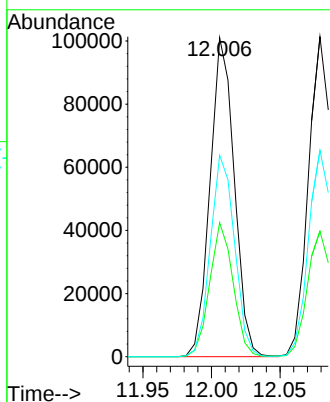
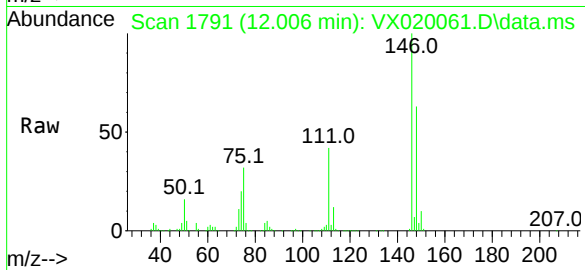
Tgt Ion:146 Resp: 124307

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.9

148 63.2 31.9 95.9



#84

1,4-Dichlorobenzene

Concen: 18.04 ug/l

RT: 12.079 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VX020061.D

Acq: 16 Dec 2020 13:17

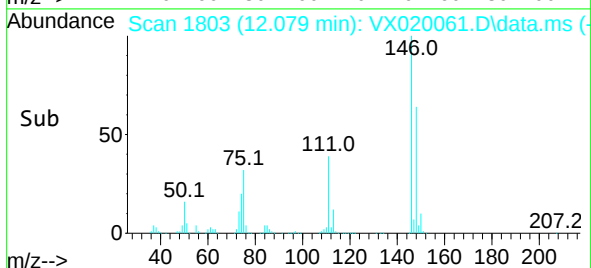
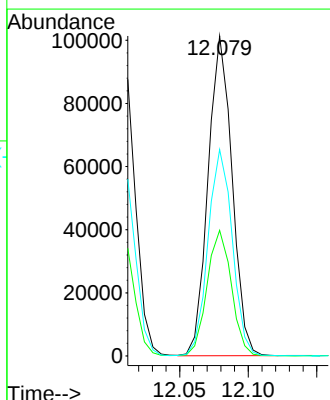
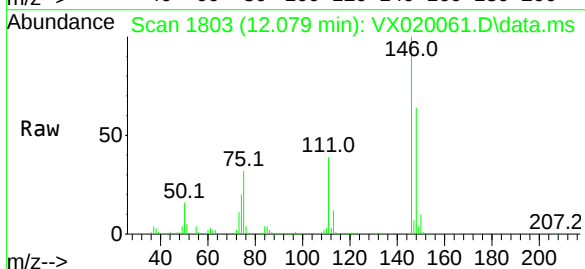
Tgt Ion:146 Resp: 123277

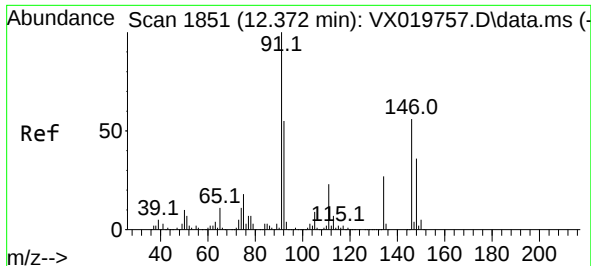
Ion Ratio Lower Upper

146 100

111 39.9 19.1 57.3

148 65.5 31.9 95.5

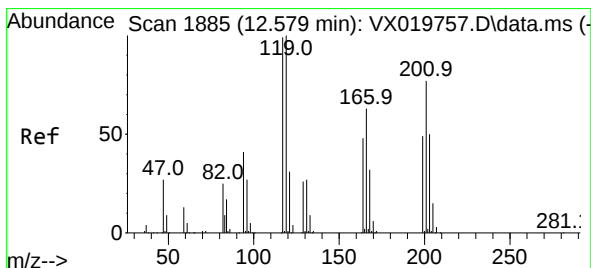
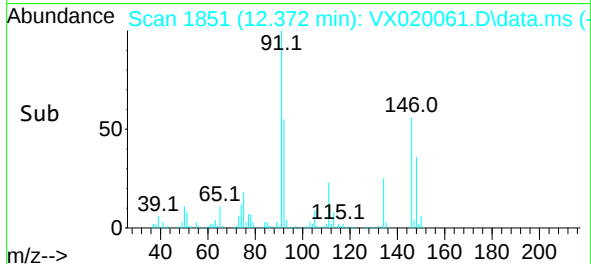
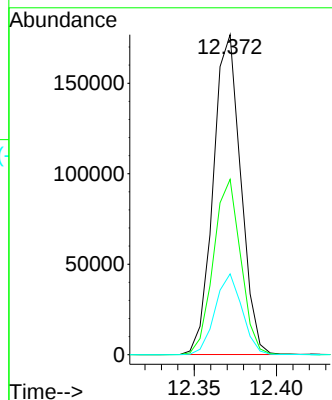
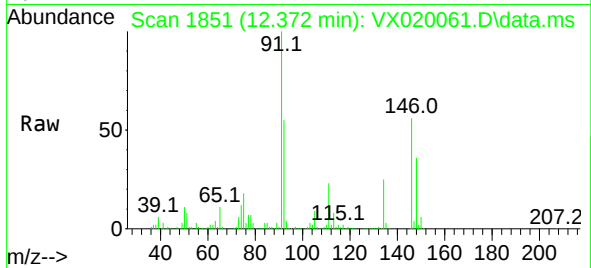




#85  
n-Butylbenzene  
Concen: 17.96 ug/l  
RT: 12.372 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

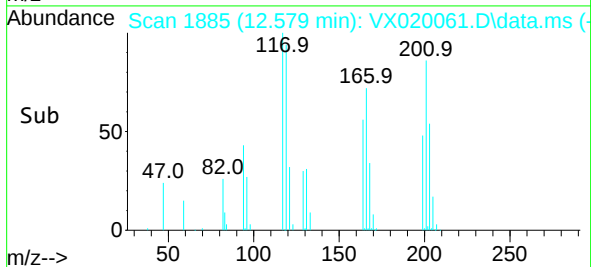
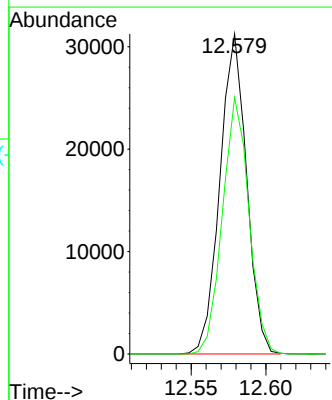
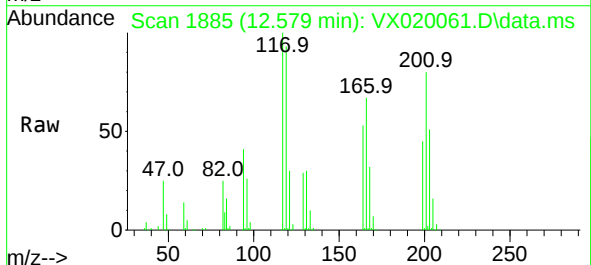
Instrument :  
MSVOA\_X  
ClientSampled :

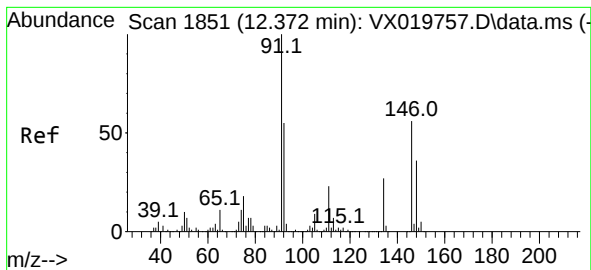
Tgt Ion: 91 Resp: 205699  
Ion Ratio Lower Upper  
91 100  
92 54.4 0.0 109.0  
134 24.8 0.0 51.8



#86  
Hexachloroethane  
Concen: 16.89 ug/l  
RT: 12.579 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 117 Resp: 38726  
Ion Ratio Lower Upper  
117 100  
201 79.7 40.5 121.4

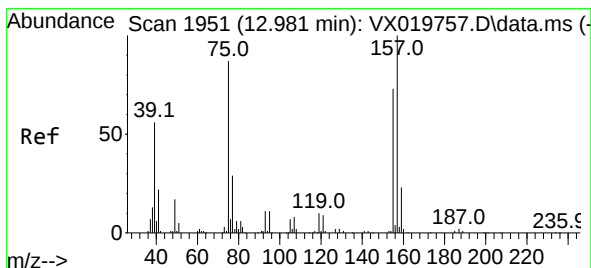
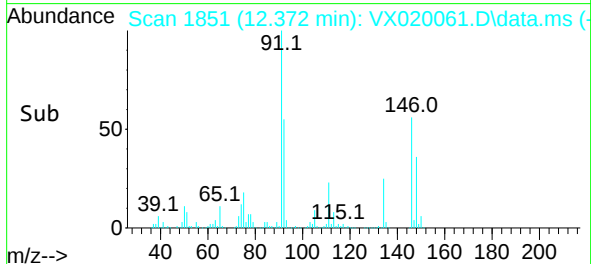
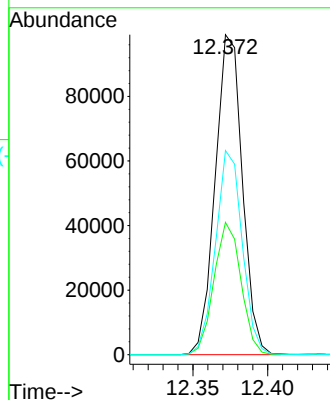
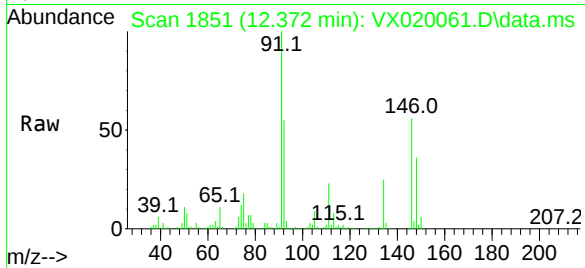




#87  
1,2-Dichlorobenzene  
Concen: 18.78 ug/l  
RT: 12.372 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

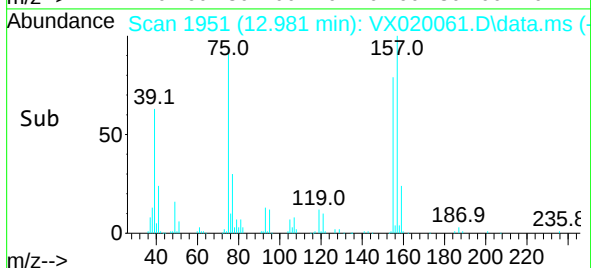
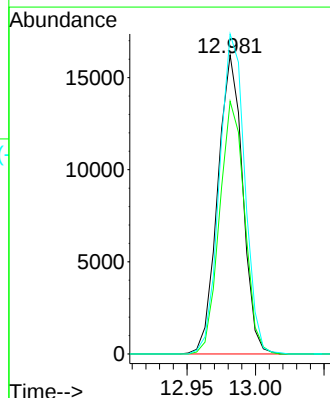
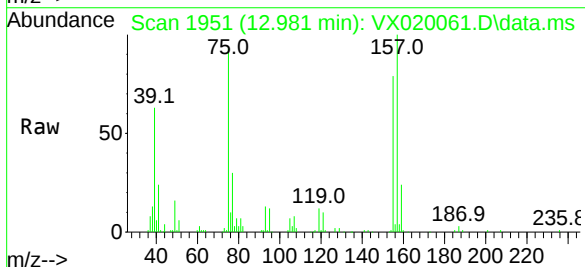
Instrument :  
MSVOA\_X  
ClientSampleId :

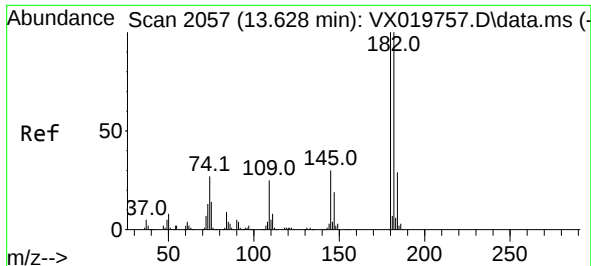
Tgt Ion:146 Resp: 125315  
Ion Ratio Lower Upper  
146 100  
111 41.1 20.8 62.5  
148 62.9 32.4 97.0



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 18.40 ug/l  
RT: 12.981 min Scan# 1951  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion: 75 Resp: 20492  
Ion Ratio Lower Upper  
75 100  
155 84.3 68.9 103.3  
157 108.3 91.3 136.9

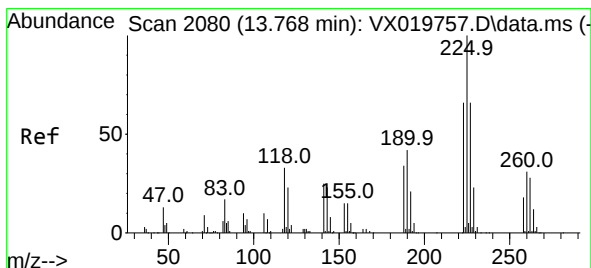
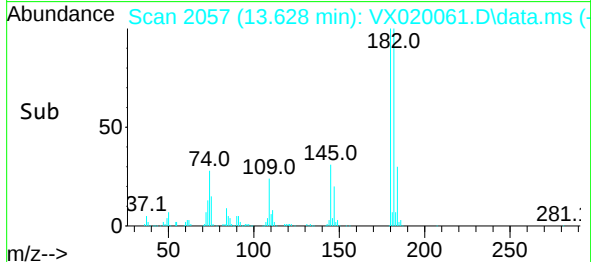
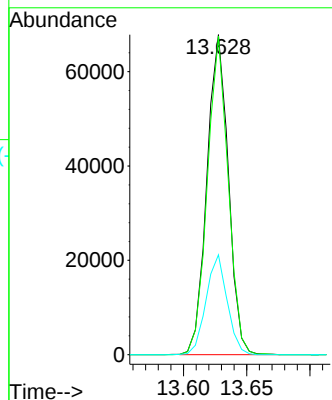
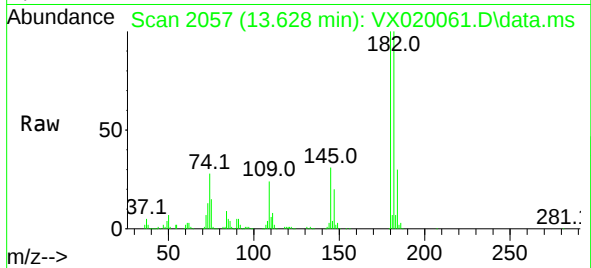




#89  
1,2,4-Trichlorobenzene  
Concen: 18.15 ug/l  
RT: 13.628 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

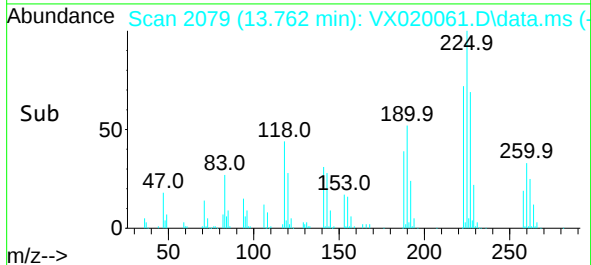
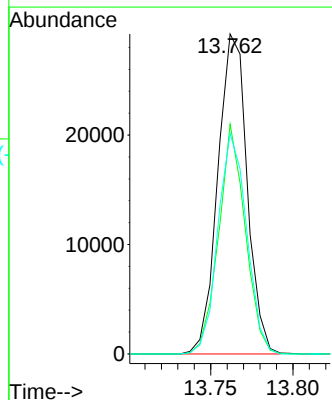
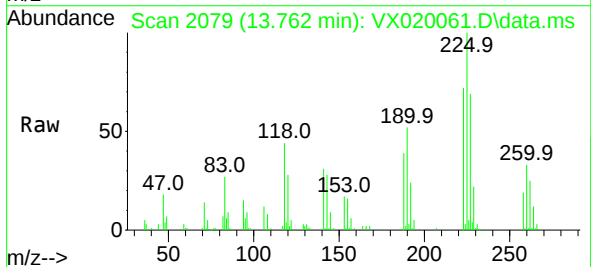
Instrument :  
MSVOA\_X  
ClientSampled :

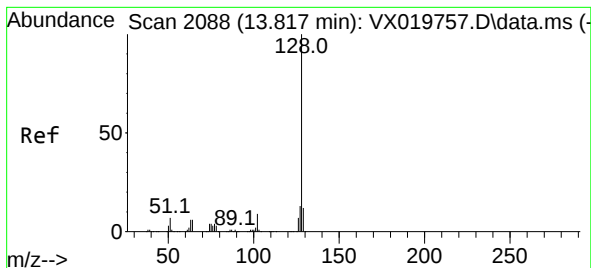
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 77.9  | 116.9 |
| 145     | 30.7  | 24.3  | 36.5  |



#90  
Hexachlorobutadiene  
Concen: 18.81 ug/l  
RT: 13.762 min Scan# 2079  
Delta R.T. -0.006 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.0  | 0.0   | 129.4 |
| 227     | 67.5  | 0.0   | 130.4 |

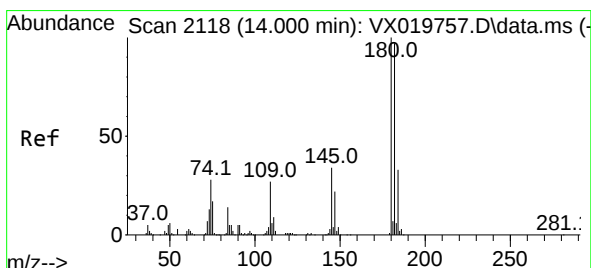
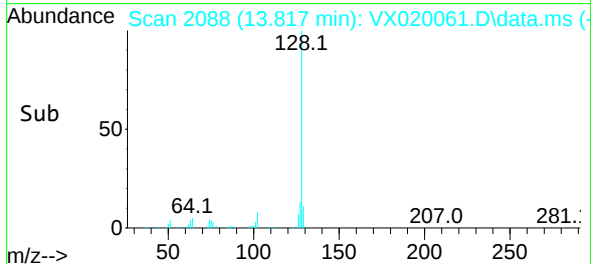
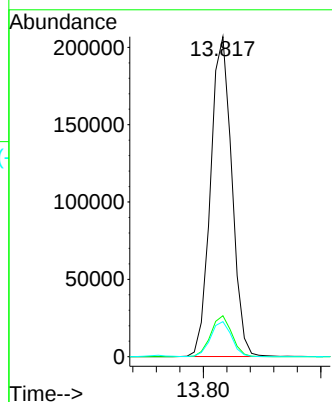
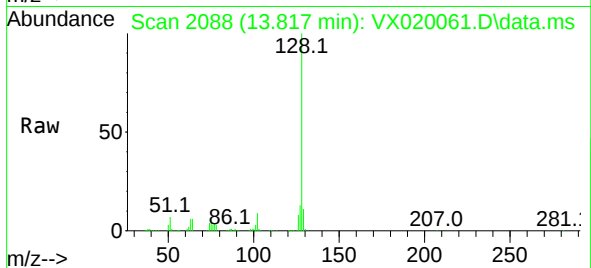




#91  
Naphthalene  
Concen: 18.02 ug/l  
RT: 13.817 min Scan# 2088  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion:128 Resp: 259943  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.4  
129 10.9 8.8 13.2



#92  
1,2,3-Trichlorobenzene  
Concen: 18.16 ug/l  
RT: 13.999 min Scan# 2118  
Delta R.T. -0.000 min  
Lab File: VX020061.D  
Acq: 16 Dec 2020 13:17

Tgt Ion:180 Resp: 78537  
Ion Ratio Lower Upper  
180 100  
182 98.3 0.0 192.4  
145 34.0 0.0 66.4

