

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041222\  
 Data File : VX028077.D  
 Acq On : 12 Apr 2022 23:22  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 13 01:16:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041222W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 12 22:07:23 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 169286   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 279719   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 264854   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 153325   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 112711   | 49.076   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =      | 98.160%  |
| 35) Dibromofluoromethane     | 5.391  | 113   | 92641    | 50.543   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =      | 101.080% |
| 50) Toluene-d8               | 8.653  | 98    | 350833   | 51.322   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =      | 102.640% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 130620   | 51.175   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =      | 102.360% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 73829    | 44.917   | ug/l   | 98       |
| 3) Chloromethane             | 1.288  | 50    | 86061    | 47.309   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374  | 62    | 101832   | 46.563   | ug/l   | 100      |
| 5) Bromomethane              | 1.599  | 94    | 116742   | 50.633   | ug/l   | 100      |
| 6) Chloroethane              | 1.678  | 64    | 80461    | 45.009   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 197016   | 45.934   | ug/l   | 98       |
| 8) Diethyl Ether             | 2.136  | 74    | 71099    | 43.256   | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 79899    | 46.825   | ug/l   | 97       |
| 10) Methyl Iodide            | 2.453  | 142   | 73069    | 36.772   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 2.983  | 59    | 116743   | 218.985  | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 76907    | 46.026   | ug/l   | 97       |
| 13) Acrolein                 | 2.233  | 56    | 62664    | 221.236  | ug/l   | 99       |
| 14) Allyl chloride           | 2.666  | 41    | 126165   | 42.663   | ug/l # | 88       |
| 15) Acrylonitrile            | 3.062  | 53    | 254008   | 229.935  | ug/l   | 98       |
| 16) Acetone                  | 2.380  | 43    | 212740   | 222.326  | ug/l   | 92       |
| 17) Carbon Disulfide         | 2.514  | 76    | 208017   | 47.373   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.703  | 43    | 113055   | 44.278   | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 297248   | 47.368   | ug/l   | 98       |
| 20) Methylene Chloride       | 2.788  | 84    | 89254    | 46.830   | ug/l   | 89       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 91984    | 45.955   | ug/l   | 99       |
| 22) Diisopropyl ether        | 3.763  | 45    | 302215   | 47.623   | ug/l   | 90       |
| 23) Vinyl Acetate            | 3.721  | 43    | 1366161  | 242.277  | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 164162   | 47.786   | ug/l   | 99       |
| 25) 2-Butanone               | 4.556  | 43    | 373012   | 225.519  | ug/l   | 95       |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 131161   | 41.125   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 106288   | 47.107   | ug/l   | 98       |
| 28) Bromochloromethane       | 4.897  | 49    | 71912    | 48.700   | ug/l   | 92       |
| 29) Tetrahydrofuran          | 5.001  | 42    | 246784   | 228.277  | ug/l   | 91       |
| 30) Chloroform               | 5.099  | 83    | 181005   | 47.382   | ug/l   | 96       |
| 31) Cyclohexane              | 5.476  | 56    | 148349   | 46.977   | ug/l   | 92       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 164857   | 47.648   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 131194   | 46.899   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.714  | 43    | 150863   | 46.294   | ug/l # | 95       |
| 38) Carbon Tetrachloride     | 5.684  | 117   | 142718   | 47.788   | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.385  | 83    | 155918   | 47.150   | ug/l   | 99       |
| 40) Benzene                  | 6.043  | 78    | 390275   | 47.978   | ug/l   | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 13 01:16:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041222W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 12 22:07:23 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 74839    | 43.166  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 147303   | 47.956  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 244283   | 44.995  | ug/l   | 94       |
| 44) Trichloroethene           | 7.129  | 130  | 105029   | 48.555  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 94423    | 46.060  | ug/l   | 96       |
| 46) Dibromomethane            | 7.580  | 93   | 72824    | 48.153  | ug/l   | 94       |
| 47) Bromodichloromethane      | 7.824  | 83   | 141210   | 48.312  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 111021   | 44.795  | ug/l # | 82       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 53750    | 971.458 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 790531   | 228.375 | ug/l   | 90       |
| 52) Toluene                   | 8.720  | 92   | 261385   | 48.164  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 154789   | 46.885  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 157310   | 45.940  | ug/l # | 84       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 103430   | 47.013  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 161756   | 46.775  | ug/l # | 79       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 172213   | 47.219  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 362721   | 232.388 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 633058   | 233.514 | ug/l   | 88       |
| 60) Dibromochloromethane      | 9.525  | 129  | 112809   | 47.968  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 113369   | 47.315  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 102501   | 48.777  | ug/l   | 96       |
| 65) Chlorobenzene             | 10.079 | 112  | 278081   | 48.119  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 105288   | 49.309  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 499771   | 49.110  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 400536   | 94.256  | ug/l   | 100      |
| 69) o-Xylene                  | 10.646 | 106  | 197558   | 47.826  | ug/l   | 97       |
| 70) Styrene                   | 10.659 | 104  | 332925   | 41.720  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 83947    | 41.515  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.963 | 105  | 514161   | 47.204  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 233551   | 49.614  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 179762   | 47.241  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 191289   | 56.041  | ug/l   | 89       |
| 77) Bromobenzene              | 11.201 | 156  | 125023   | 46.986  | ug/l   | 96       |
| 78) n-propylbenzene           | 11.305 | 91   | 608036   | 48.033  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 354253   | 46.146  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 449076   | 47.729  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 46061    | 38.006  | ug/l   | 87       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 423702   | 46.885  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 436169   | 47.913  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 449336   | 48.779  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 556607   | 47.906  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 473126   | 48.057  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 246884   | 47.618  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 255893   | 47.050  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 408331   | 48.456  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.542 | 117  | 74267    | 44.897  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 251942   | 48.632  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 39490    | 47.172  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 148131   | 51.134  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 57652    | 49.320  | ug/l   | 94       |
| 95) Naphthalene               | 13.774 | 128  | 524870   | 51.877  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 147729   | 51.529  | ug/l   | 96       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 34 Sample Multiplier: 1

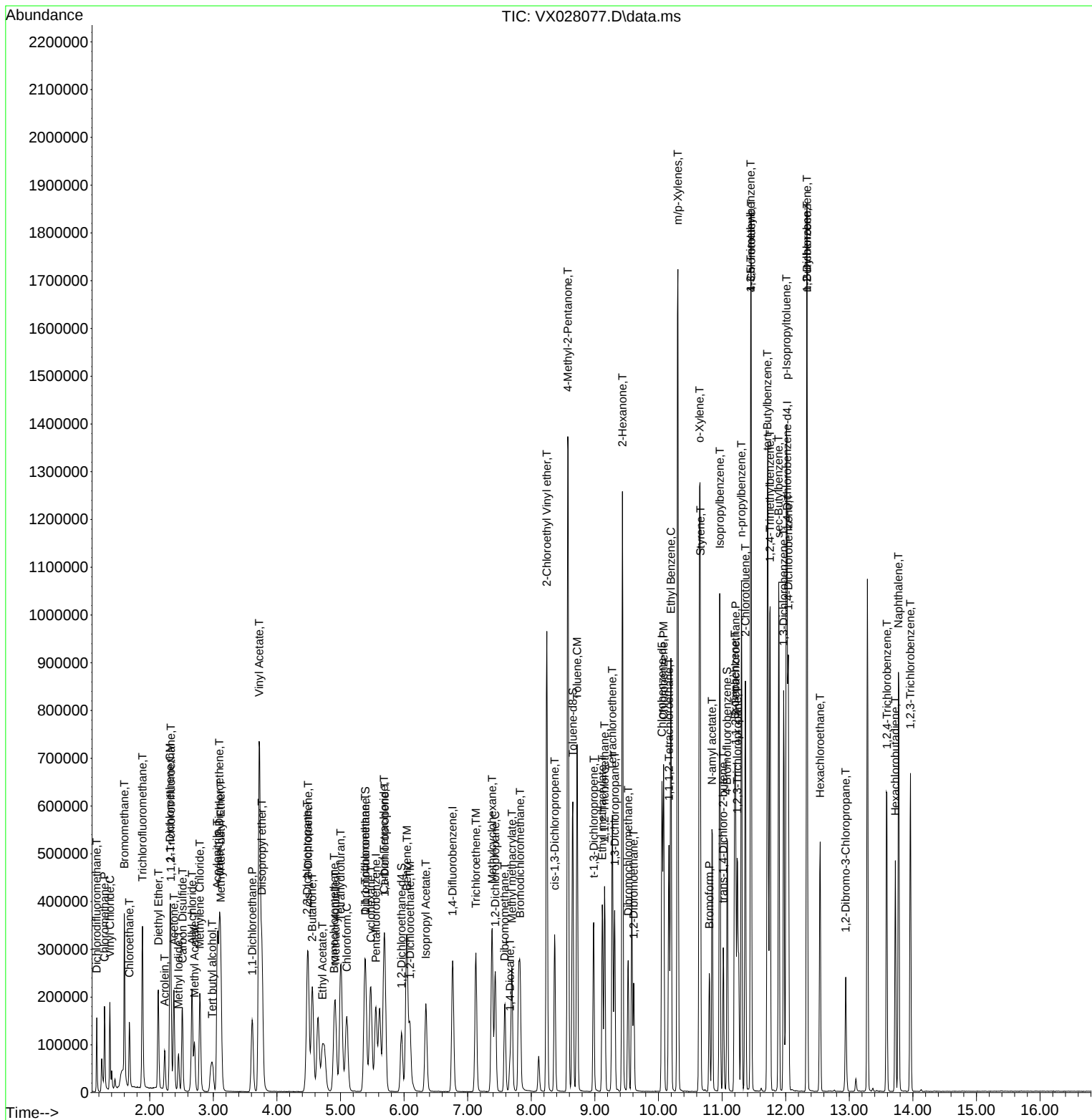
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

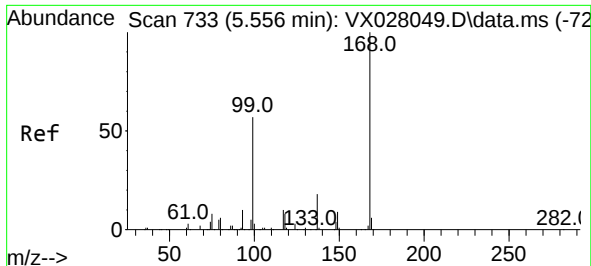
Quant Time: Apr 13 01:16:16 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041222W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 12 22:07:23 2022  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041222W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 12 22:07:23 2022  
Response via : Initial Calibration

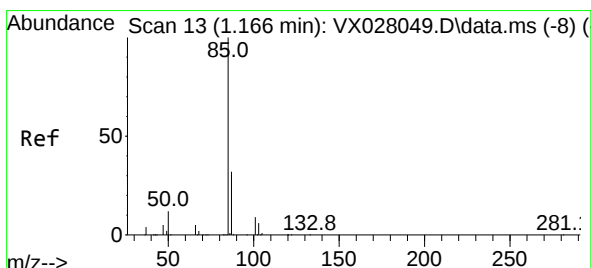
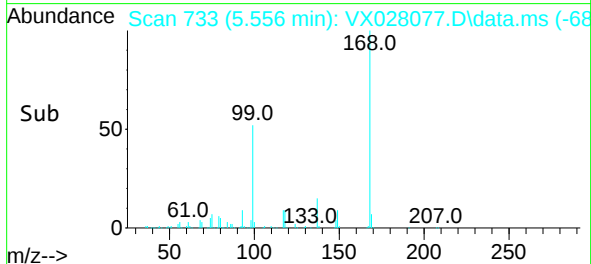
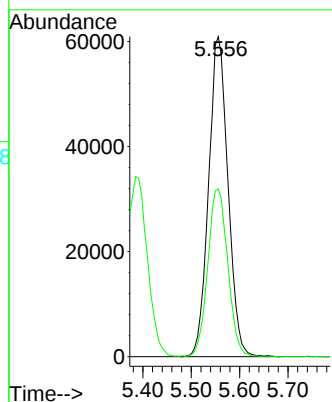
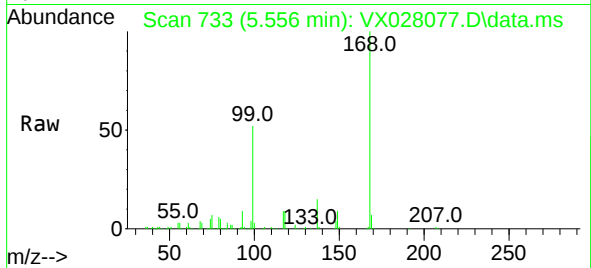




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

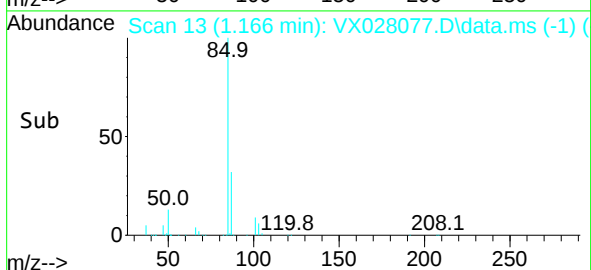
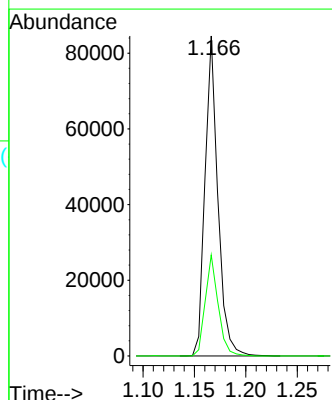
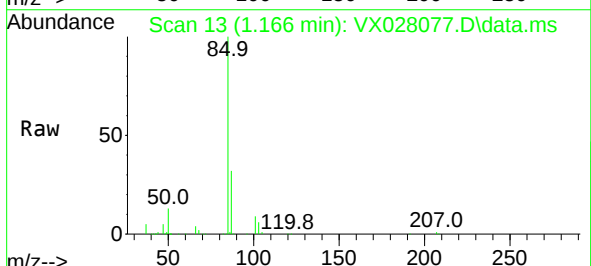
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

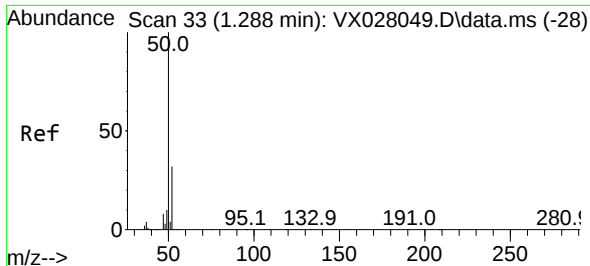
Tgt Ion:168 Resp: 169286  
Ion Ratio Lower Upper  
168 100  
99 52.4 41.7 62.5



#2  
Dichlorodifluoromethane  
Concen: 44.917 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 85 Resp: 73829  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.2 48.6

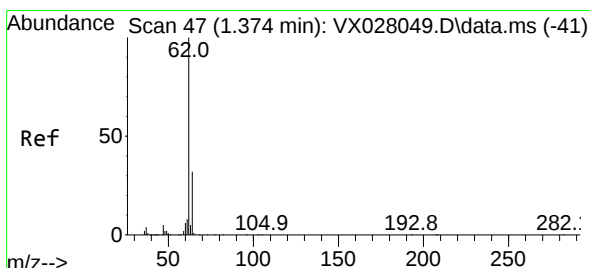
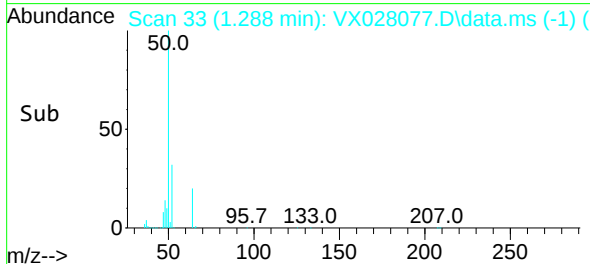
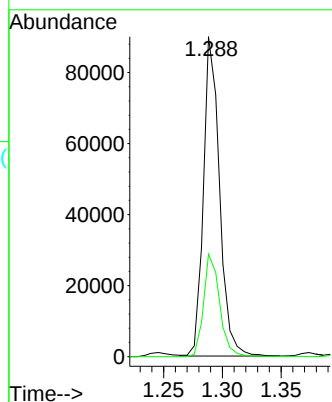
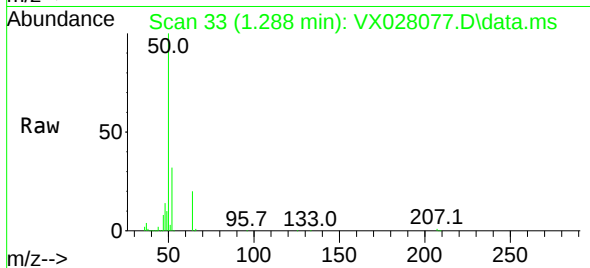




#3  
Chloromethane  
Concen: 47.309 ug/l  
RT: 1.288 min Scan# 33  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

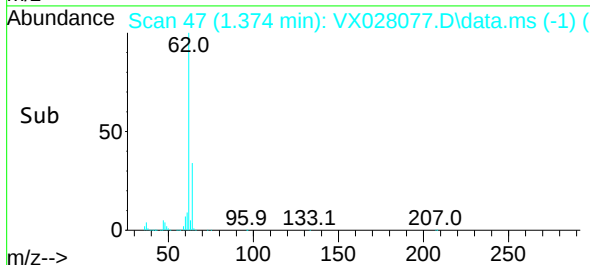
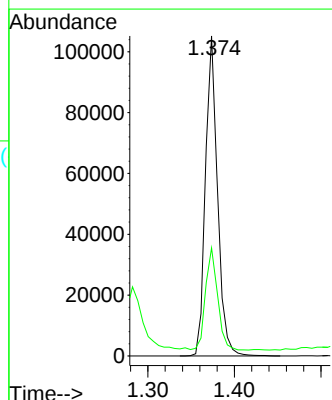
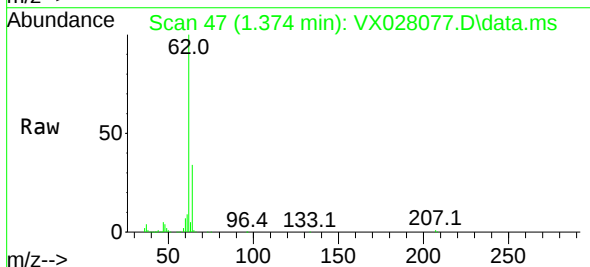
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

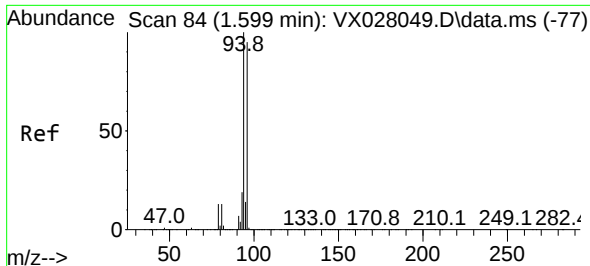
Tgt Ion: 50 Resp: 86061  
Ion Ratio Lower Upper  
50 100  
52 32.1 26.4 39.6



#4  
Vinyl Chloride  
Concen: 46.563 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 62 Resp: 101832  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.5 38.3

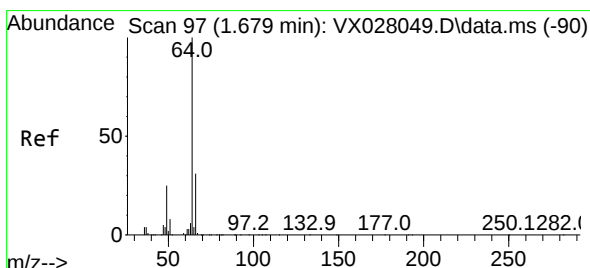
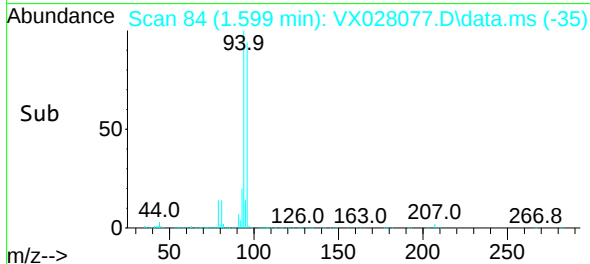
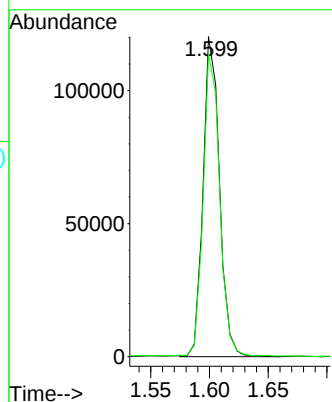
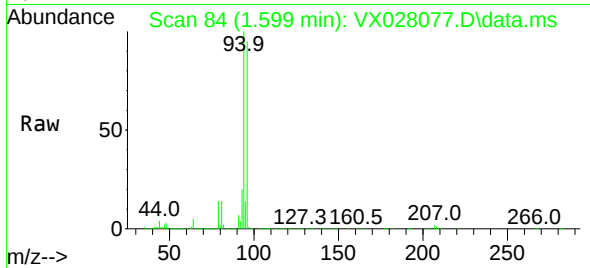




#5  
 Bromomethane  
 Concen: 50.633 ug/l  
 RT: 1.599 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: VX028077.D  
 Acq: 12 Apr 2022 23:22

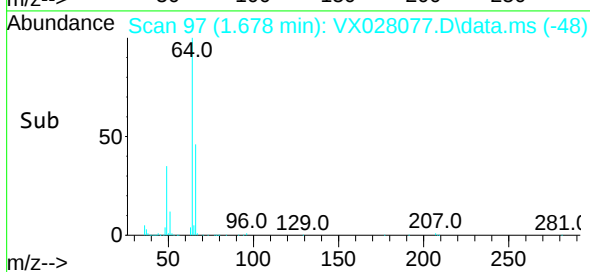
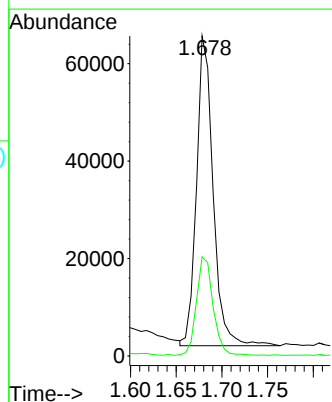
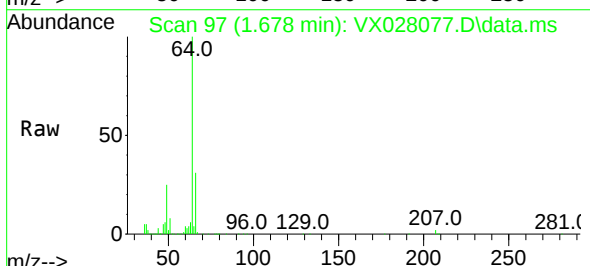
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

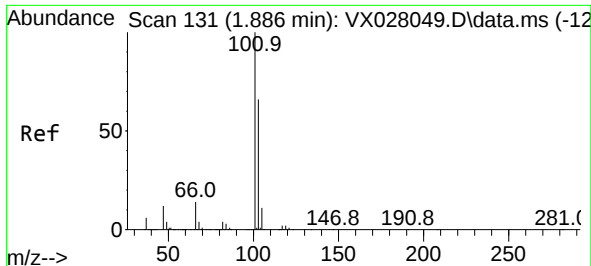
Tgt Ion: 94 Resp: 116742  
 Ion Ratio Lower Upper  
 94 100  
 96 94.3 75.3 112.9



#6  
 Chloroethane  
 Concen: 45.009 ug/l  
 RT: 1.678 min Scan# 97  
 Delta R.T. -0.001 min  
 Lab File: VX028077.D  
 Acq: 12 Apr 2022 23:22

Tgt Ion: 64 Resp: 80461  
 Ion Ratio Lower Upper  
 64 100  
 66 31.8 25.3 37.9

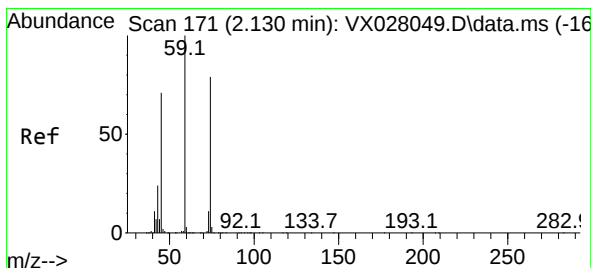
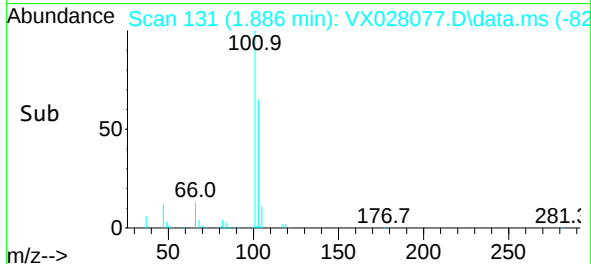
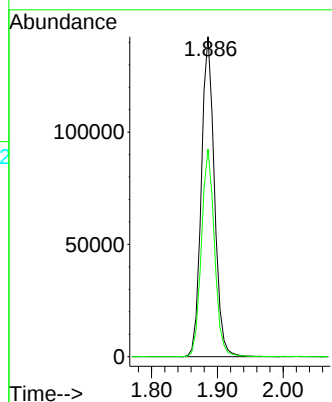
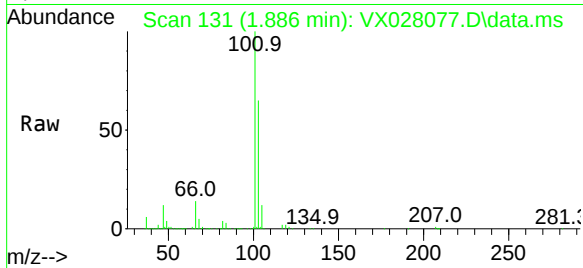




#7  
 Trichlorofluoromethane  
 Concen: 45.934 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX028077.D  
 Acq: 12 Apr 2022 23:22

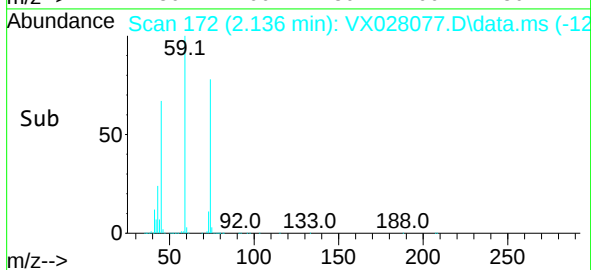
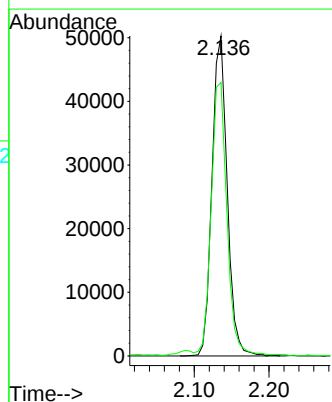
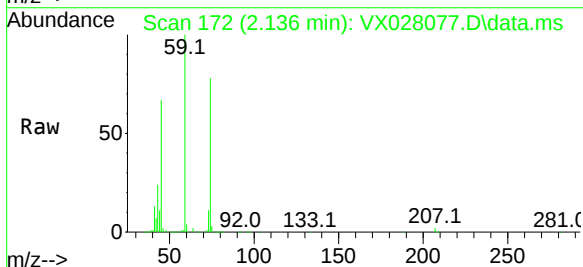
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

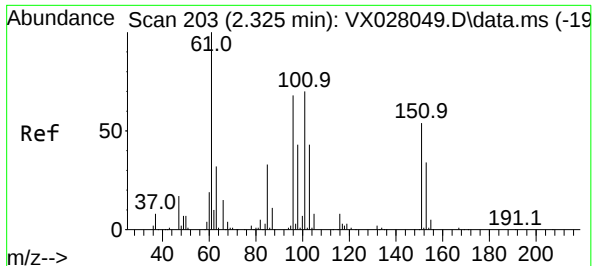
Tgt Ion:101 Resp: 197016  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 50.5 75.7



#8  
 Diethyl Ether  
 Concen: 43.256 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.006 min  
 Lab File: VX028077.D  
 Acq: 12 Apr 2022 23:22

Tgt Ion: 74 Resp: 71099  
 Ion Ratio Lower Upper  
 74 100  
 45 87.0 42.0 126.0

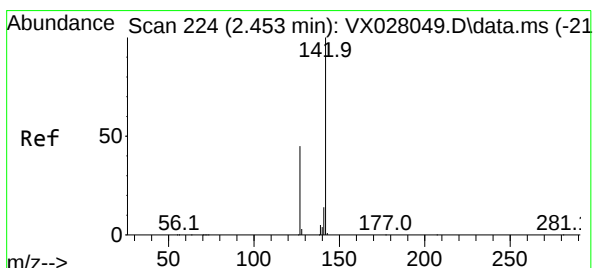
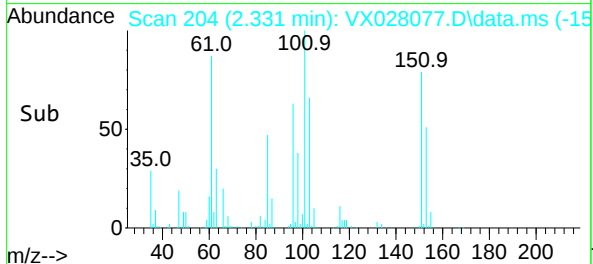
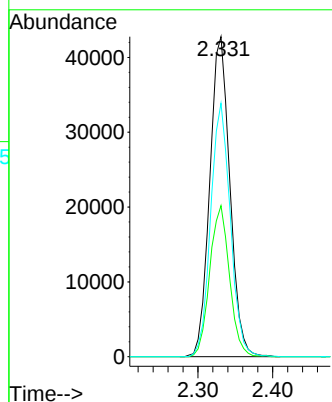
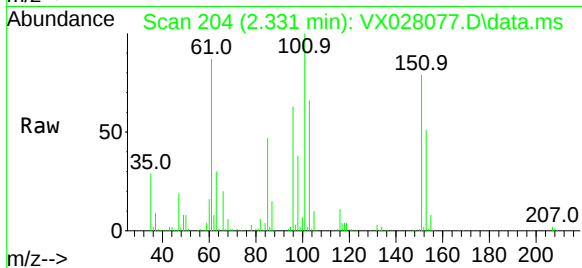




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.825 ug/l  
RT: 2.331 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

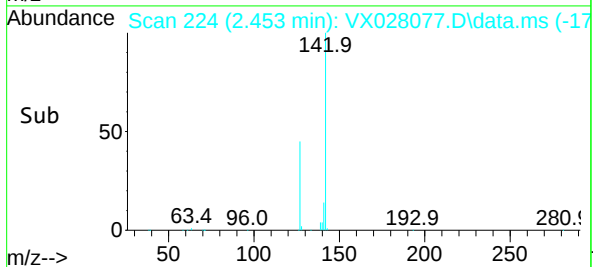
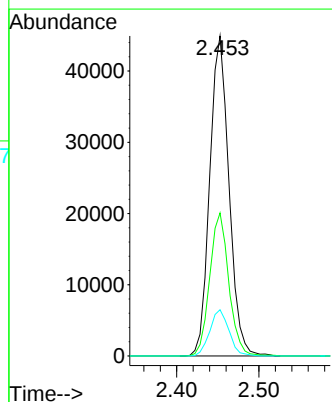
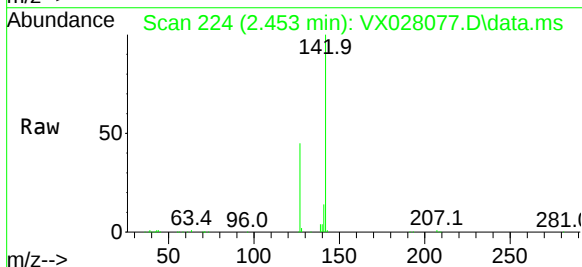
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

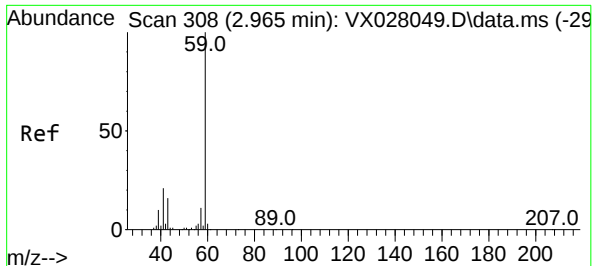
Tgt Ion:101 Resp: 79899  
Ion Ratio Lower Upper  
101 100  
85 46.3 33.5 50.3  
151 77.6 61.8 92.6



#10  
Methyl Iodide  
Concen: 36.772 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion:142 Resp: 73069  
Ion Ratio Lower Upper  
142 100  
127 44.4 33.9 50.9  
141 14.4 11.4 17.2

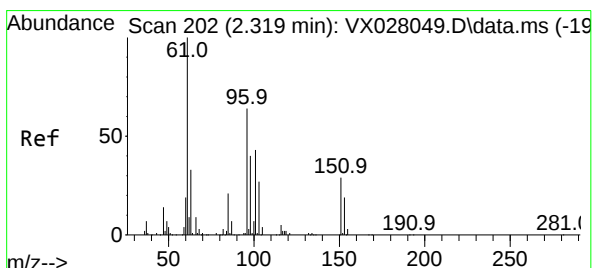
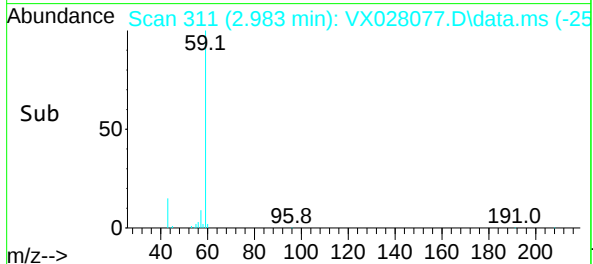
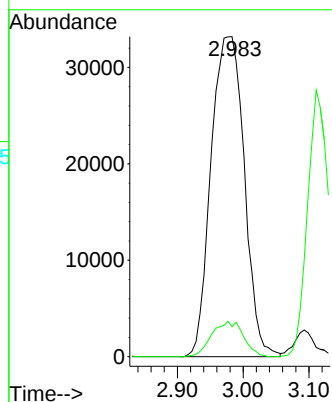
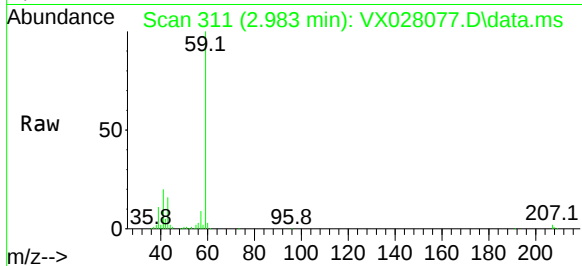




#11  
Tert butyl alcohol  
Concen: 218.985 ug/l  
RT: 2.983 min Scan# 311  
Delta R.T. 0.018 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

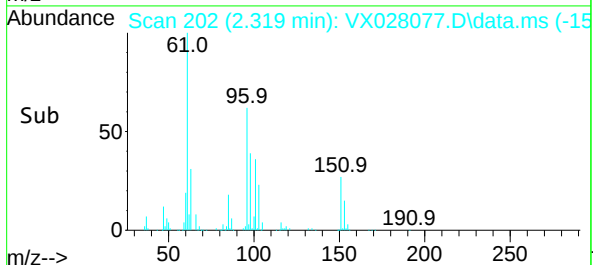
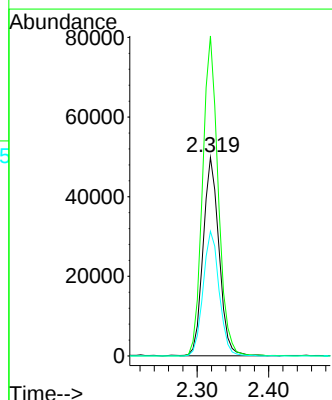
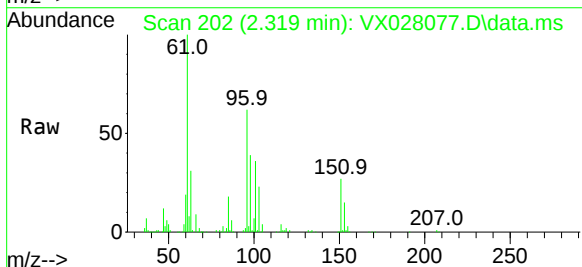
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

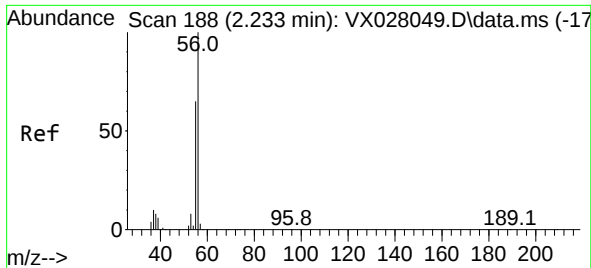
Tgt Ion: 59 Resp: 116743  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 46.026 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 96 Resp: 76907  
Ion Ratio Lower Upper  
96 100  
61 161.3 124.6 187.0  
98 62.9 51.0 76.4

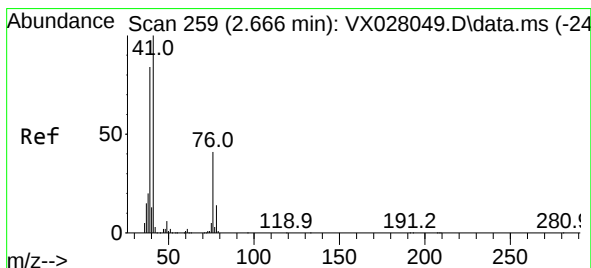
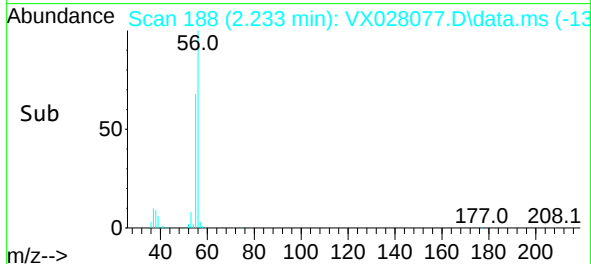
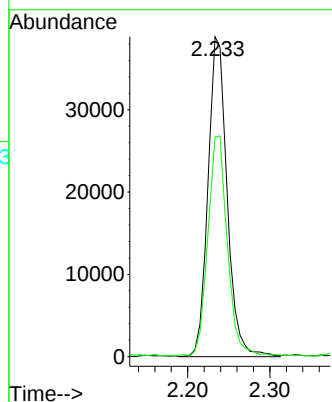
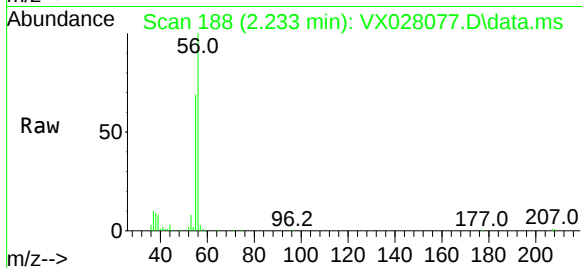




#13  
Acrolein  
Concen: 221.236 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

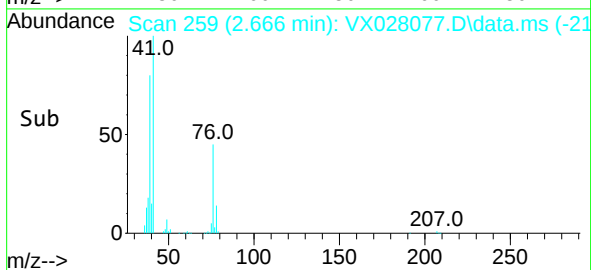
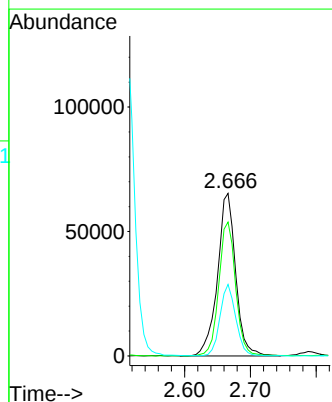
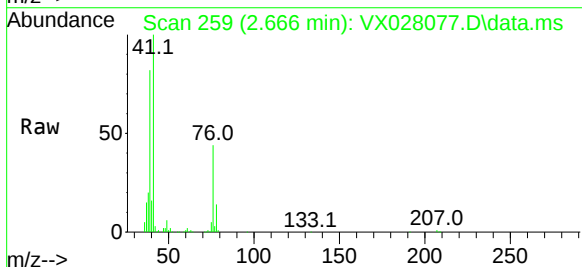
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

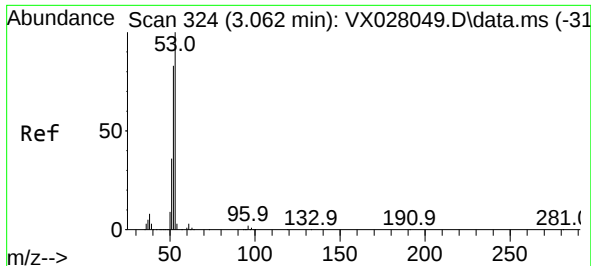
Tgt Ion: 56 Resp: 62664  
Ion Ratio Lower Upper  
56 100  
55 69.8 55.0 82.6



#14  
Allyl chloride  
Concen: 42.663 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 41 Resp: 126165  
Ion Ratio Lower Upper  
41 100  
39 75.8 50.4 75.6  
76 37.8 32.7 49.1

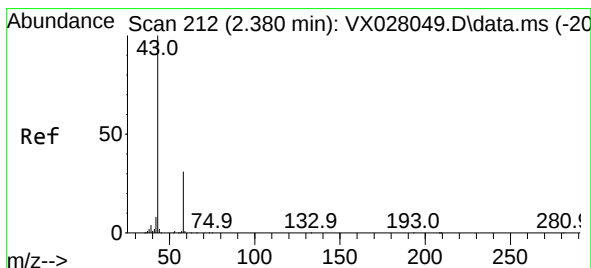
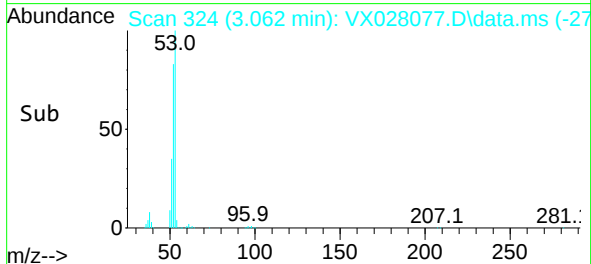
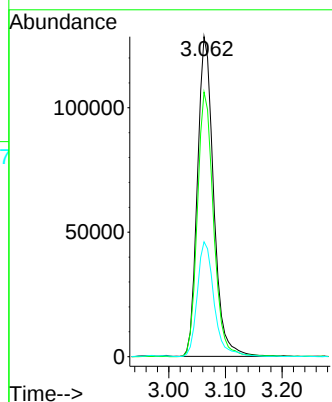
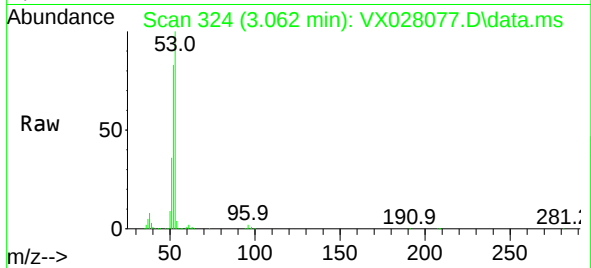




#15  
Acrylonitrile  
Concen: 229.935 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

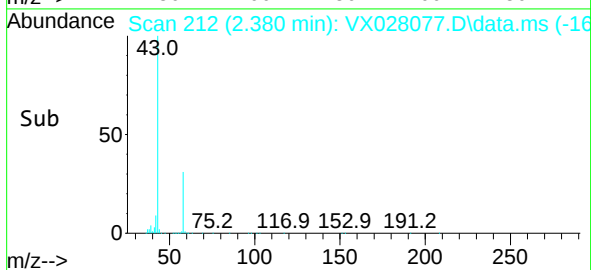
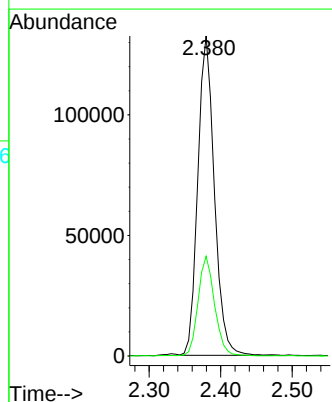
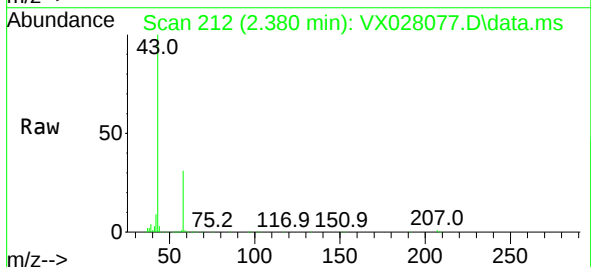
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

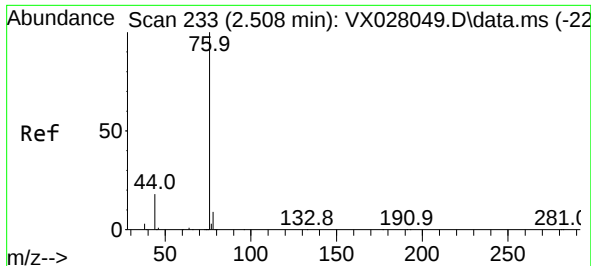
Tgt Ion: 53 Resp: 254008  
Ion Ratio Lower Upper  
53 100  
52 83.3 65.7 98.5  
51 37.3 28.4 42.6



#16  
Acetone  
Concen: 222.326 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 43 Resp: 212740  
Ion Ratio Lower Upper  
43 100  
58 31.2 28.8 43.2

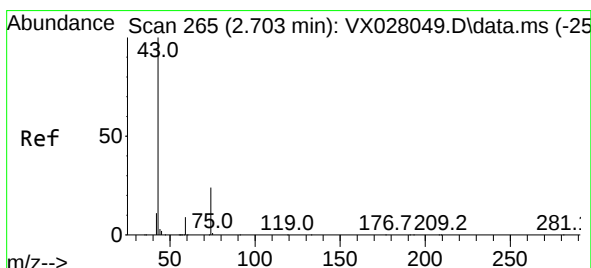
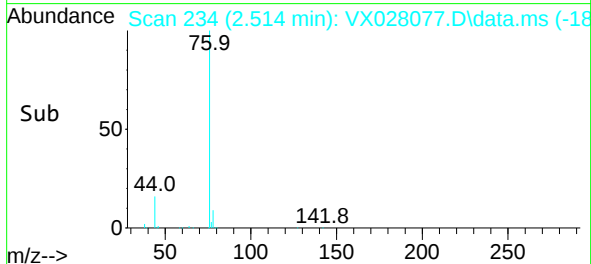
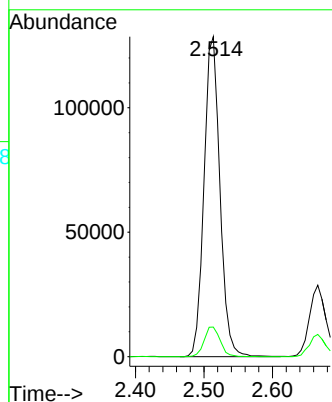
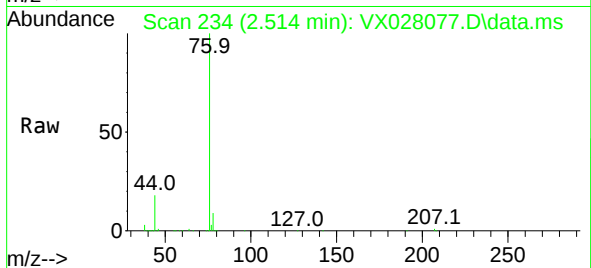




#17  
Carbon Disulfide  
Concen: 47.373 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

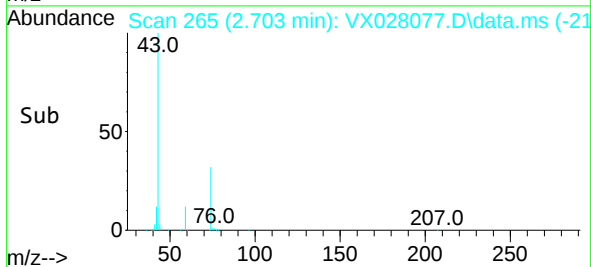
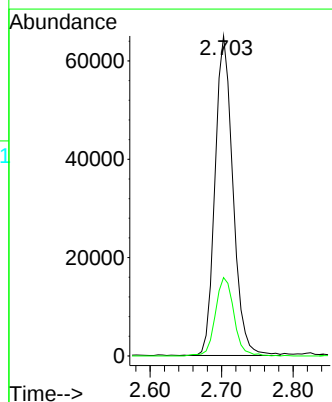
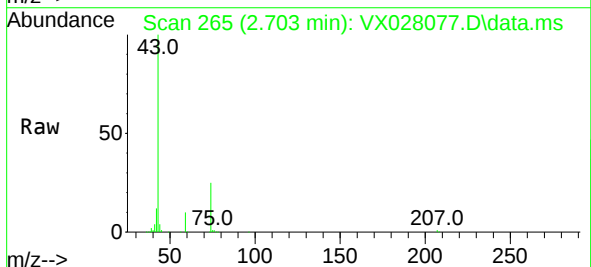
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

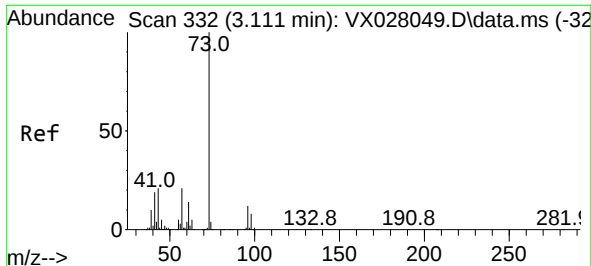
Tgt Ion: 76 Resp: 208017  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.2 10.8



#18  
Methyl Acetate  
Concen: 44.278 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 43 Resp: 113055  
Ion Ratio Lower Upper  
43 100  
74 25.5 22.8 34.2





#19

Methyl tert-butyl Ether

Concen: 47.368 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

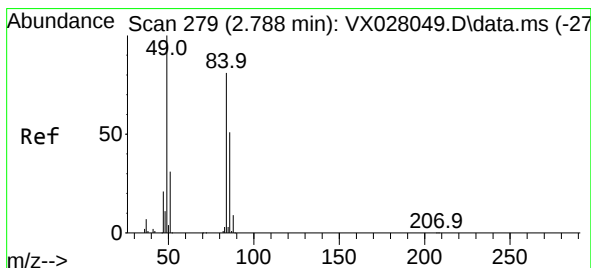
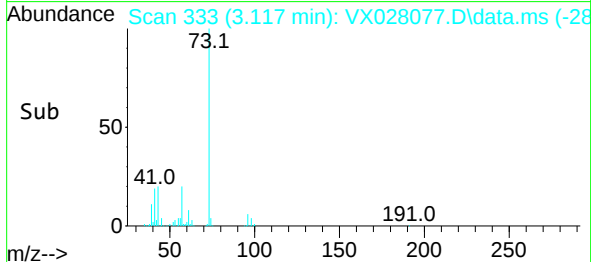
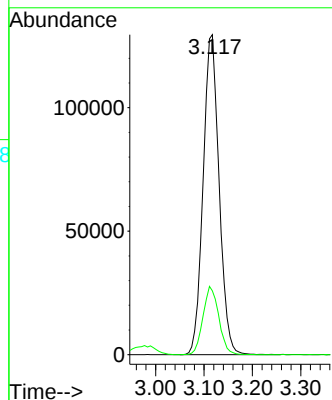
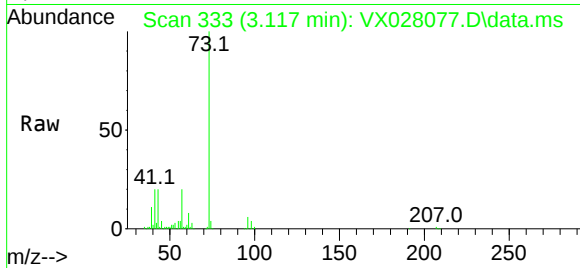
VSTDCCC050EC

Tgt Ion: 73 Resp: 297248

Ion Ratio Lower Upper

73 100

57 20.0 16.8 25.2



#20

Methylene Chloride

Concen: 46.830 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Tgt Ion: 84 Resp: 89254

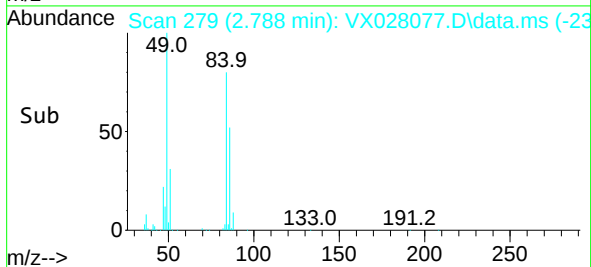
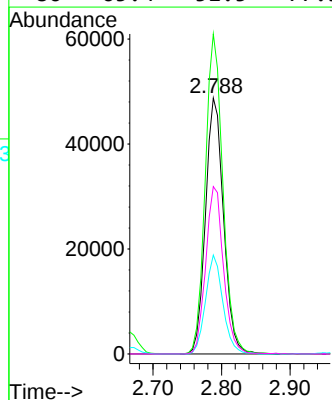
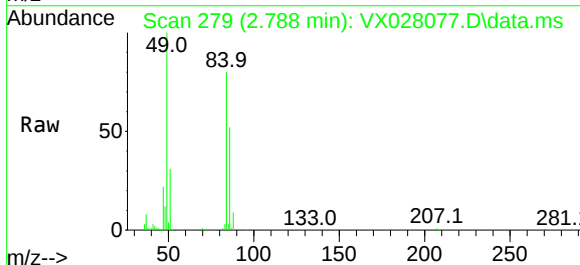
Ion Ratio Lower Upper

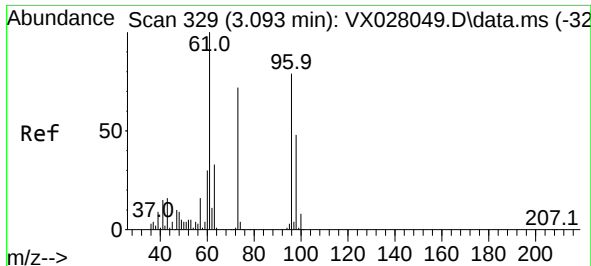
84 100

49 125.0 85.5 128.3

51 38.6 26.6 39.8

86 65.4 51.5 77.3

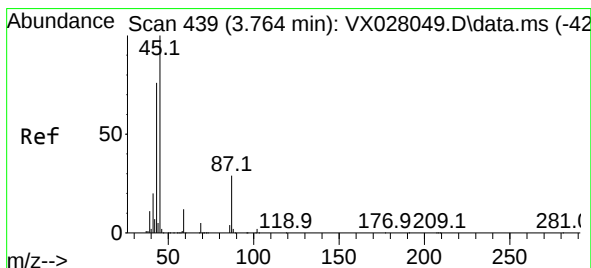
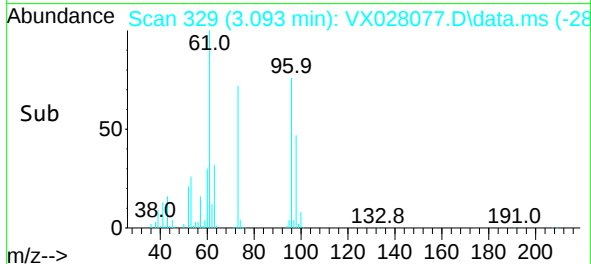
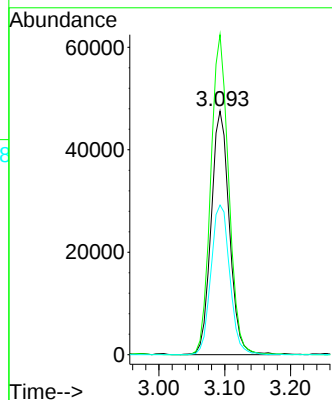
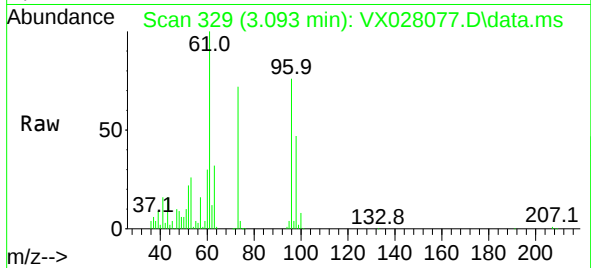




#21  
trans-1,2-Dichloroethene  
Concen: 45.955 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

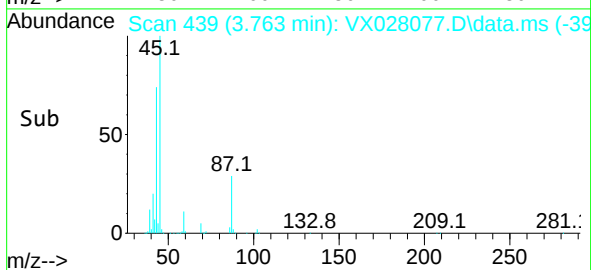
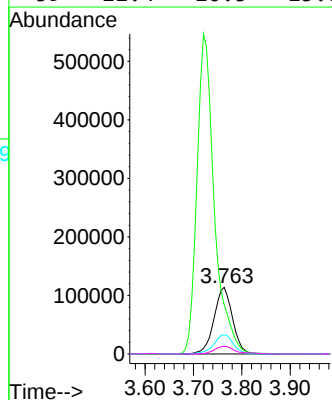
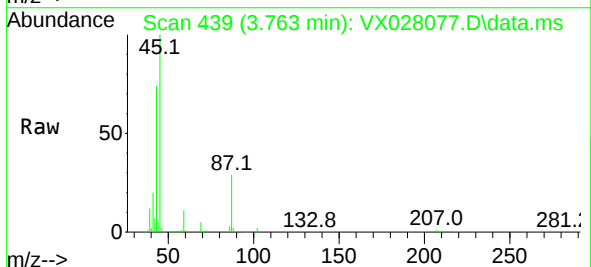
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

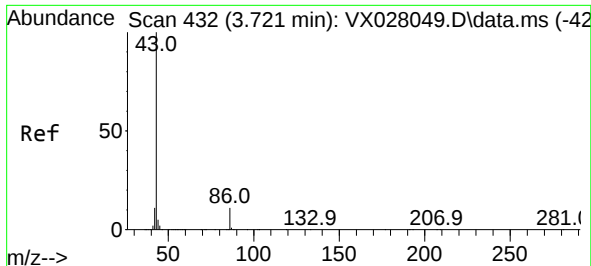
Tgt Ion: 96 Resp: 91984  
Ion Ratio Lower Upper  
96 100  
61 131.4 105.4 158.2  
98 61.4 50.0 75.0



#22  
Diisopropyl ether  
Concen: 47.623 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.001 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 45 Resp: 302215  
Ion Ratio Lower Upper  
45 100  
43 73.5 50.8 76.2  
87 29.1 26.6 39.8  
59 11.4 10.5 15.7

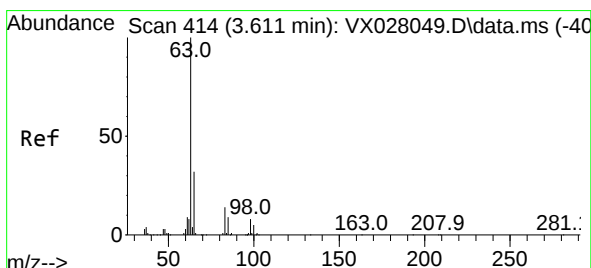
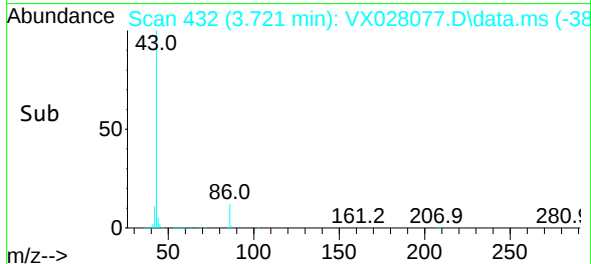
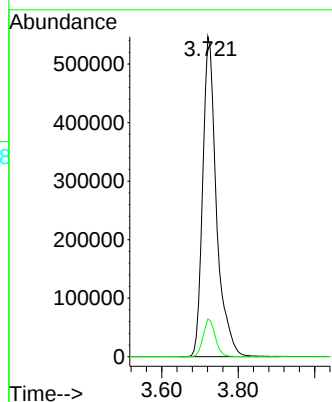
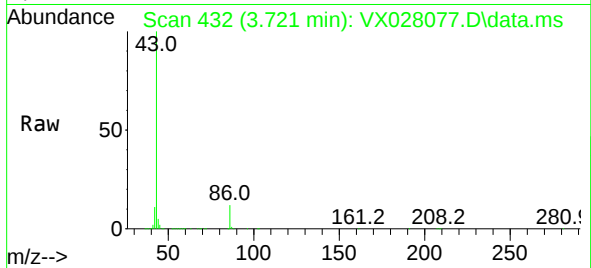




#23  
 Vinyl Acetate  
 Concen: 242.277 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX028077.D  
 Acq: 12 Apr 2022 23:22

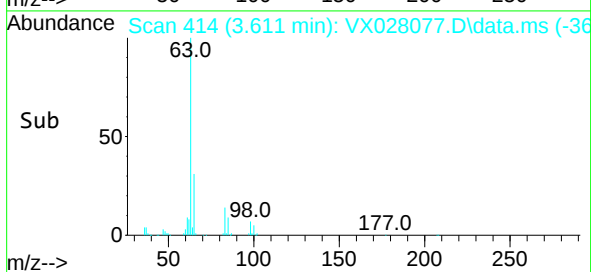
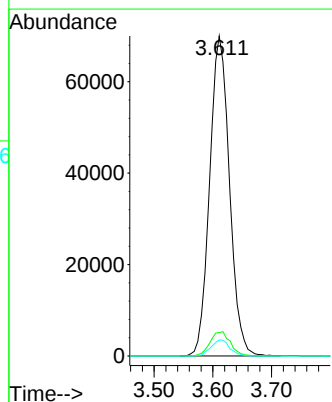
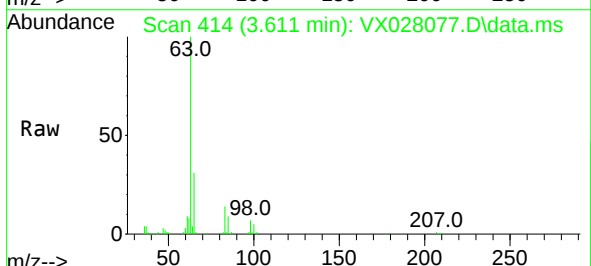
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

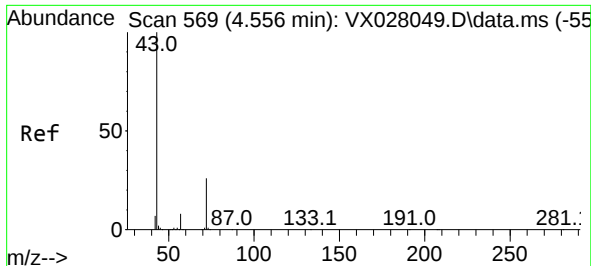
Tgt Ion: 43 Resp: 1366161  
 Ion Ratio Lower Upper  
 43 100  
 86 11.7 10.8 16.2



#24  
 1,1-Dichloroethane  
 Concen: 47.786 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX028077.D  
 Acq: 12 Apr 2022 23:22

Tgt Ion: 63 Resp: 164162  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.9 11.7  
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 225.519 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

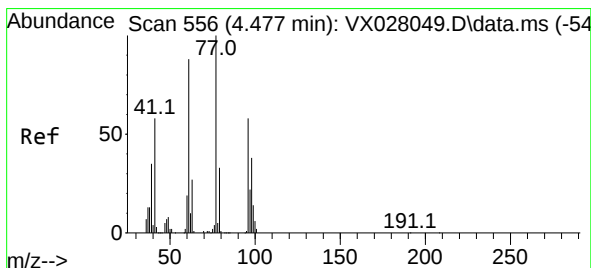
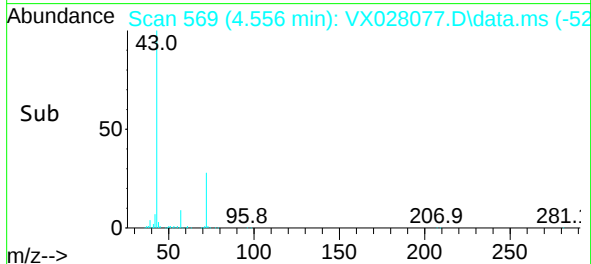
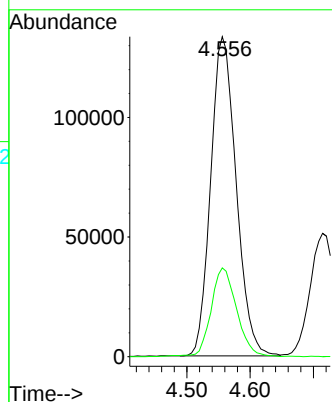
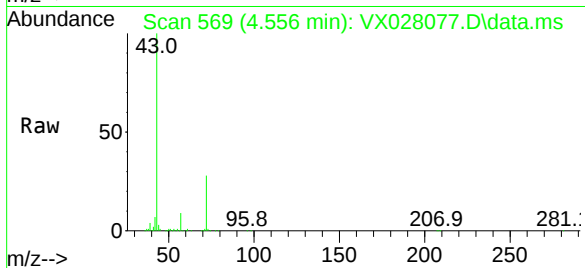
VSTDCCC050EC

Tgt Ion: 43 Resp: 373012

Ion Ratio Lower Upper

43 100

72 27.7 24.4 36.6



#26

2,2-Dichloropropane

Concen: 41.125 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX028077.D

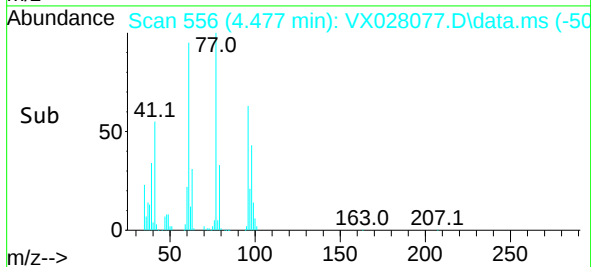
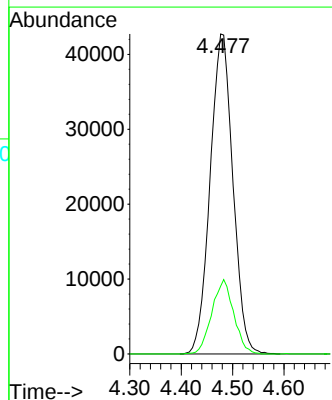
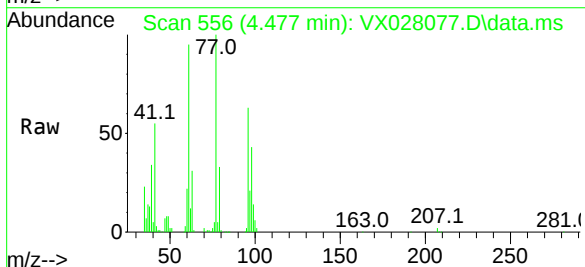
Acq: 12 Apr 2022 23:22

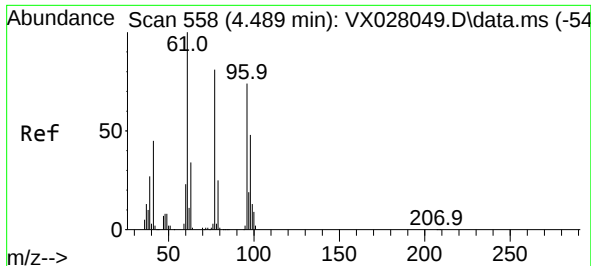
Tgt Ion: 77 Resp: 131161

Ion Ratio Lower Upper

77 100

97 22.4 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 47.107 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

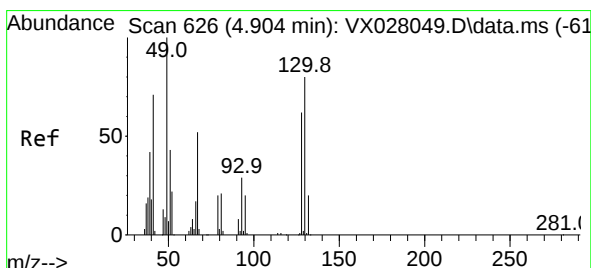
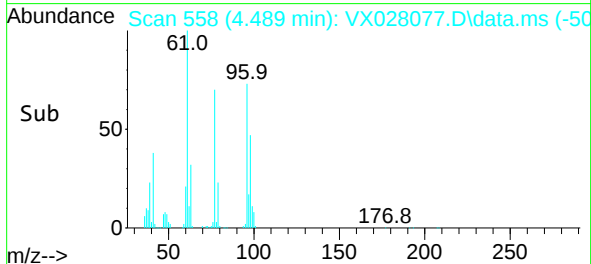
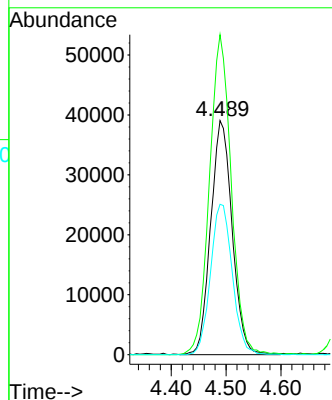
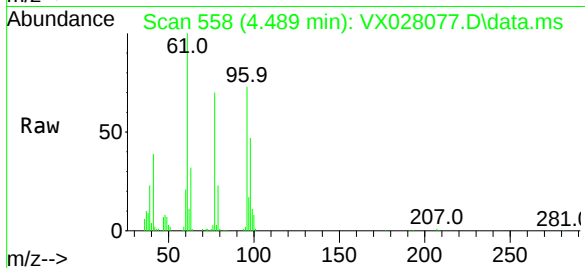
Tgt Ion: 96 Resp: 106288

Ion Ratio Lower Upper

96 100

61 138.3 0.0 283.8

98 65.1 0.0 129.8



#28

Bromochloromethane

Concen: 48.700 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.007 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

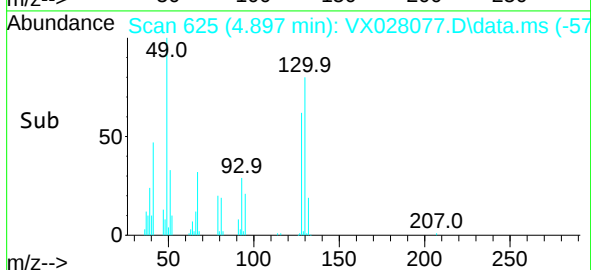
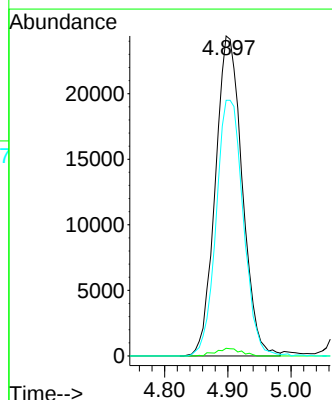
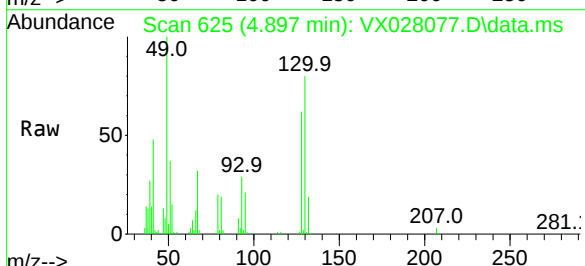
Tgt Ion: 49 Resp: 71912

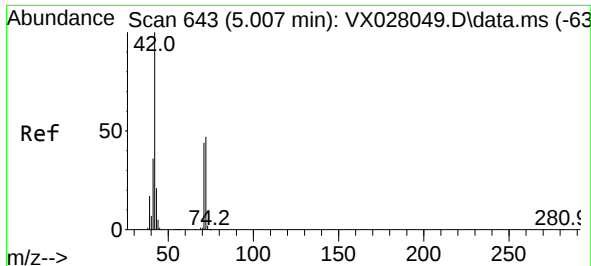
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 80.6 70.7 106.1





#29

Tetrahydrofuran

Concen: 228.277 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

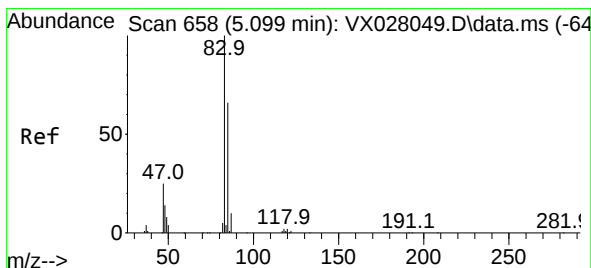
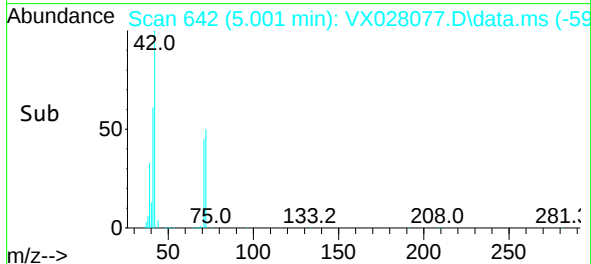
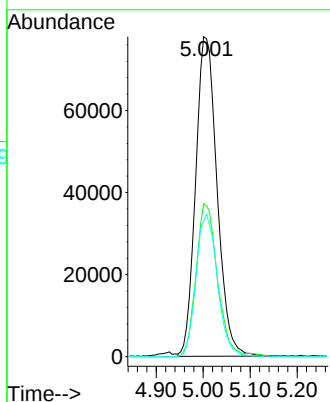
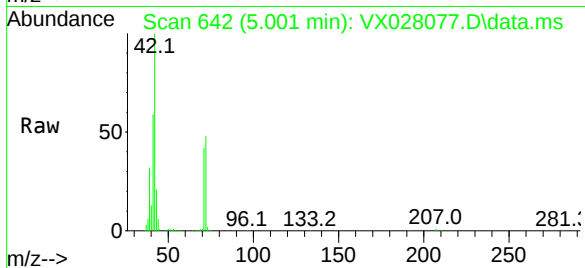
Tgt Ion: 42 Resp: 246784

Ion Ratio Lower Upper

42 100

72 48.2 44.1 66.1

71 44.5 40.5 60.7



#30

Chloroform

Concen: 47.382 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX028077.D

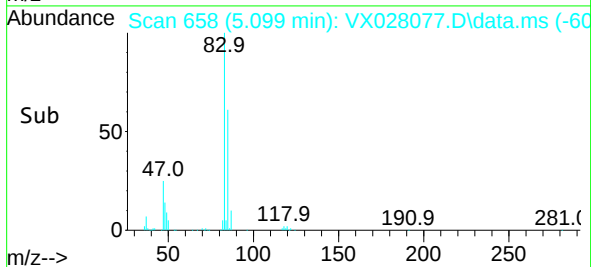
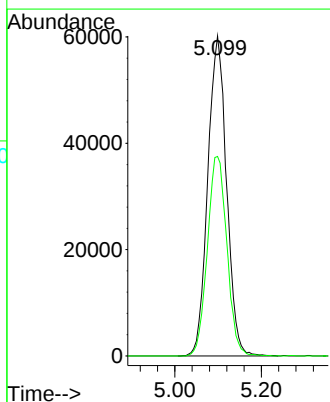
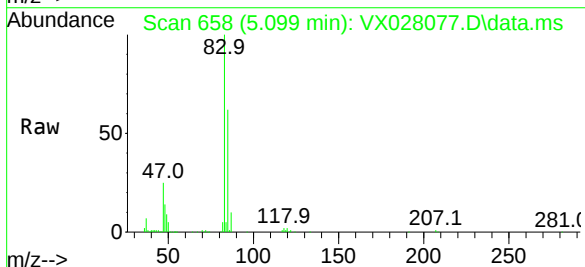
Acq: 12 Apr 2022 23:22

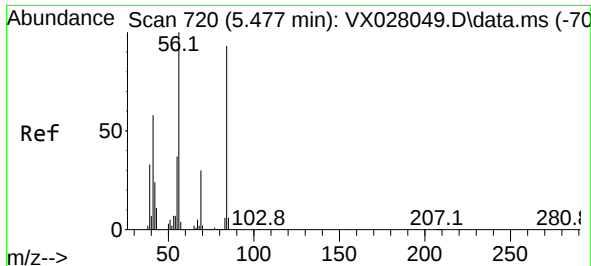
Tgt Ion: 83 Resp: 181005

Ion Ratio Lower Upper

83 100

85 62.3 52.7 79.1

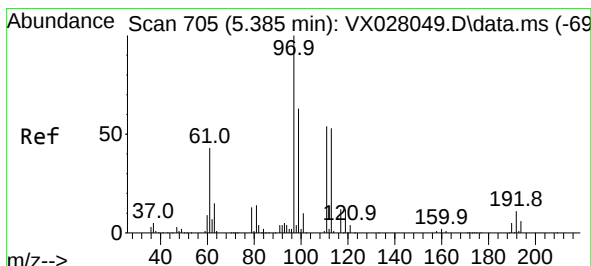
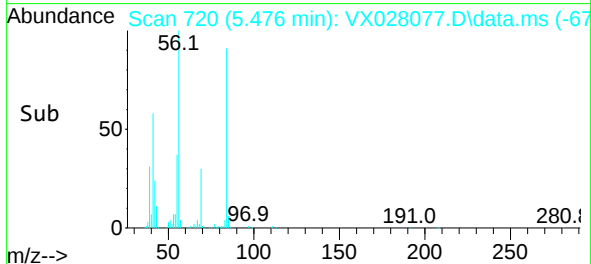
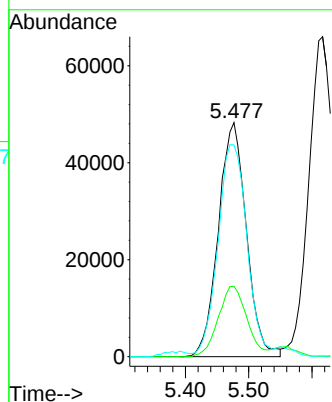
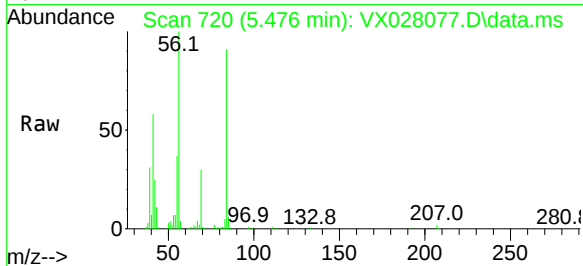




#31  
Cyclohexane  
Concen: 46.977 ug/l  
RT: 5.476 min Scan# 720  
Delta R.T. -0.001 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

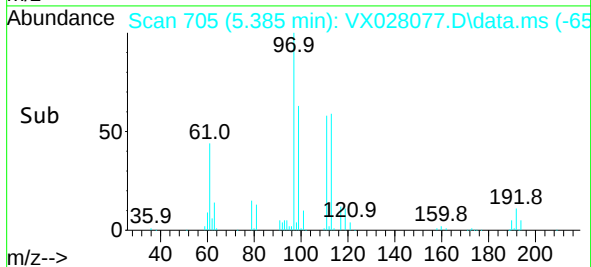
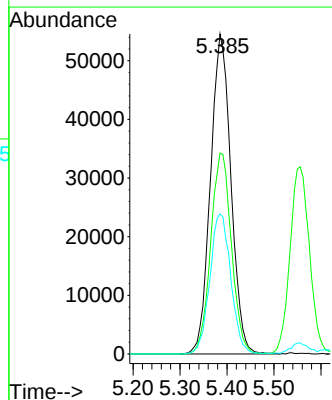
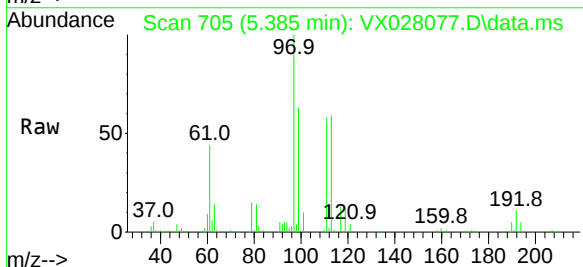
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

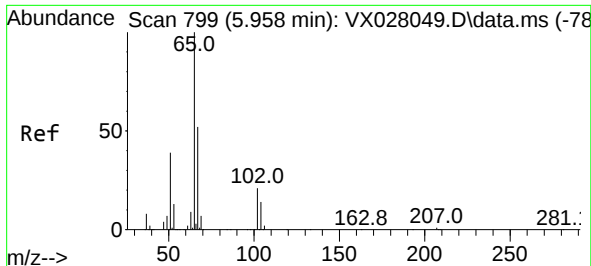
Tgt Ion: 56 Resp: 148349  
Ion Ratio Lower Upper  
56 100  
69 30.1 26.7 40.1  
84 88.1 77.2 115.8



#32  
1,1,1-Trichloroethane  
Concen: 47.648 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 97 Resp: 164857  
Ion Ratio Lower Upper  
97 100  
99 63.6 51.8 77.6  
61 44.9 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 49.076 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

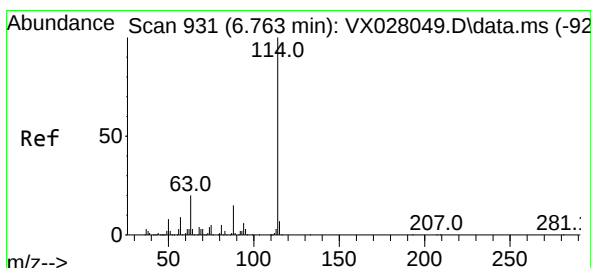
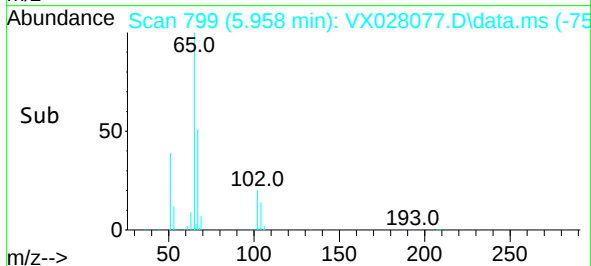
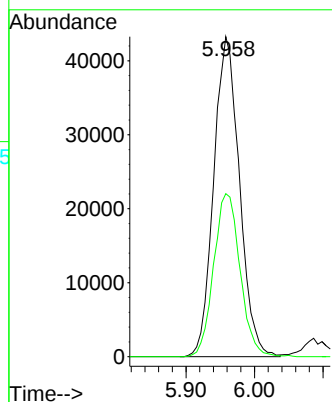
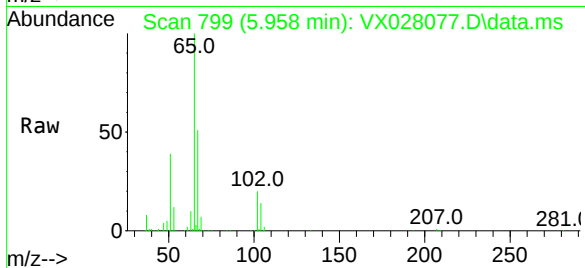
VSTDCCC050EC

Tgt Ion: 65 Resp: 112711

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

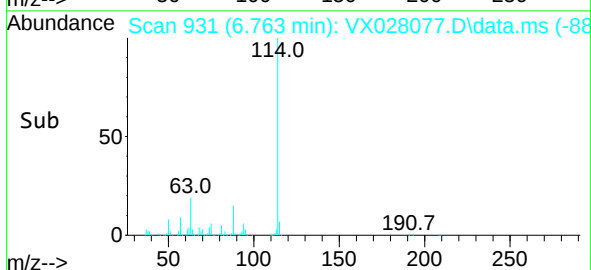
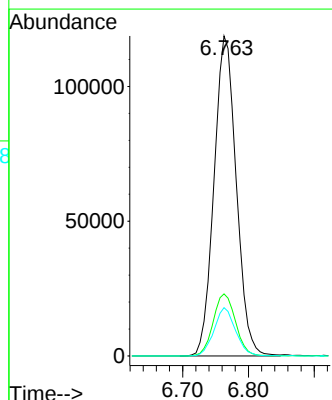
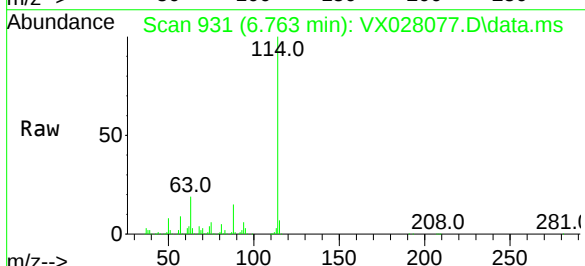
Tgt Ion: 114 Resp: 279719

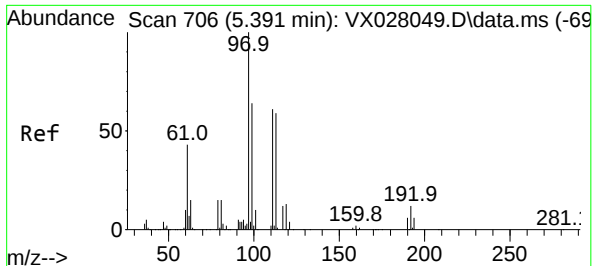
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 15.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.543 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

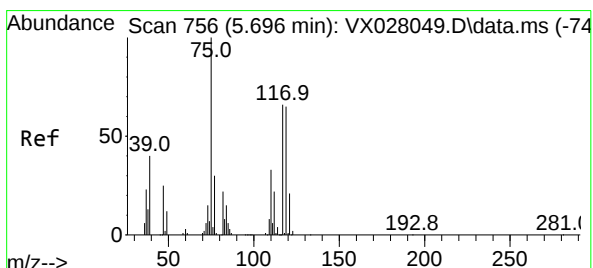
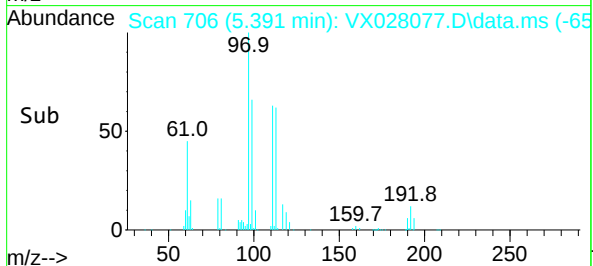
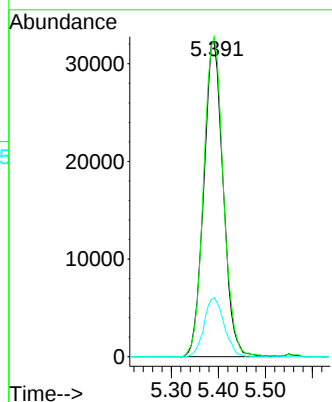
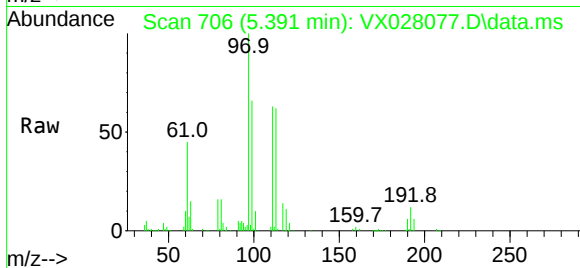
Tgt Ion:113 Resp: 92641

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 19.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 46.899 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

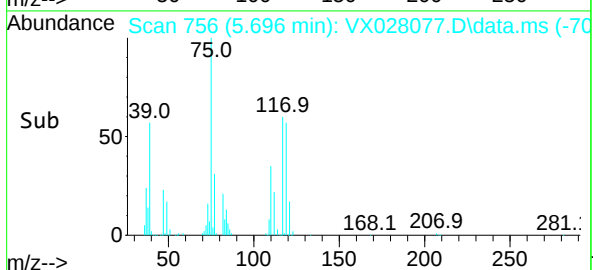
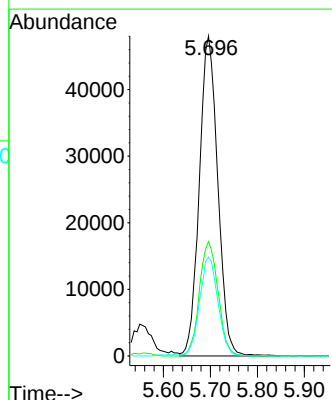
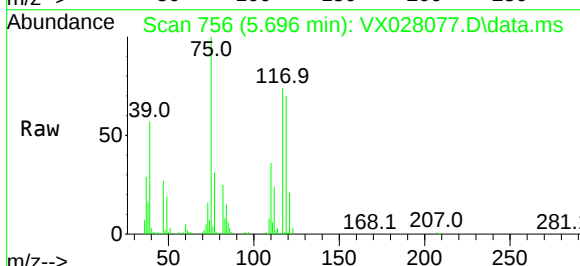
Tgt Ion: 75 Resp: 131194

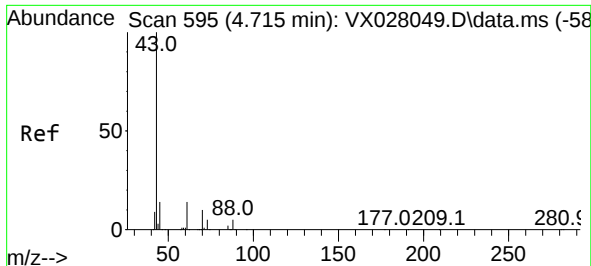
Ion Ratio Lower Upper

75 100

110 36.1 18.3 54.8

77 30.8 24.8 37.2

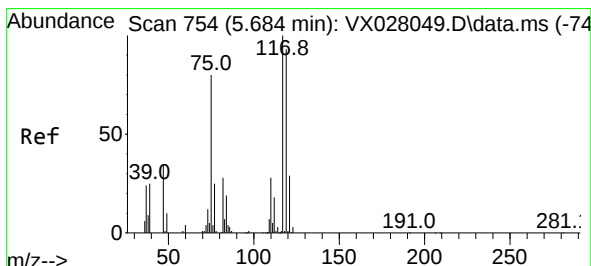
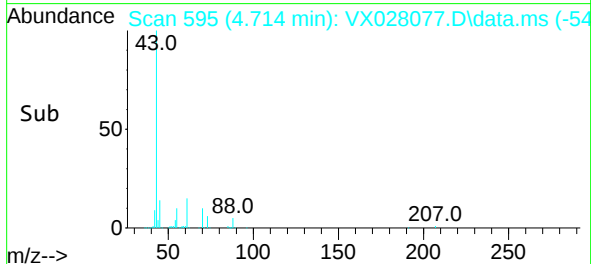
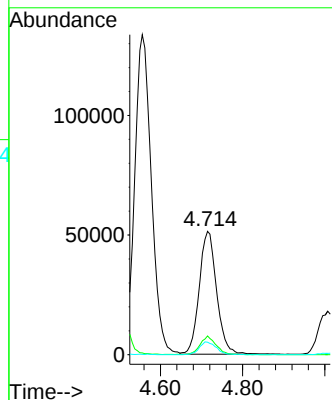
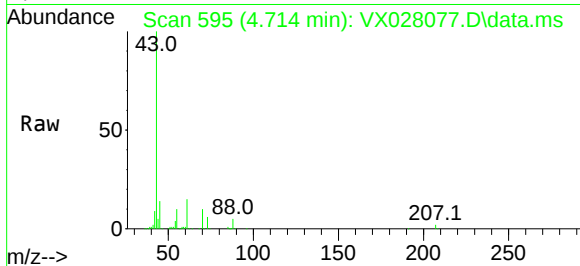




#37  
Ethyl Acetate  
Concen: 46.294 ug/l  
RT: 4.714 min Scan# 595  
Delta R.T. -0.001 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

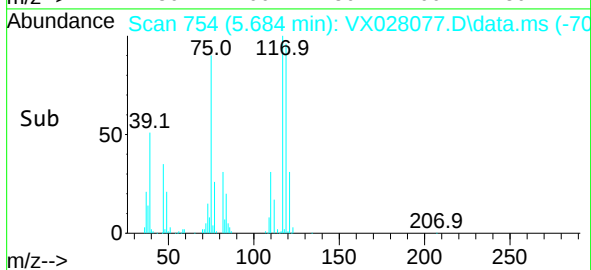
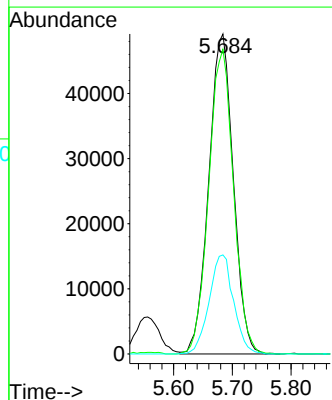
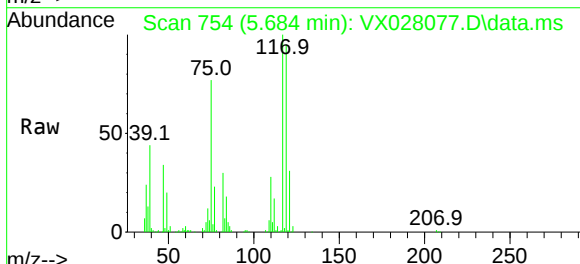
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

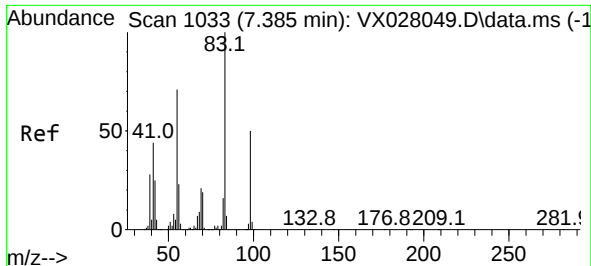
Tgt Ion: 43 Resp: 150863  
Ion Ratio Lower Upper  
43 100  
61 13.9 12.6 19.0  
70 10.2 10.2 15.2#



#38  
Carbon Tetrachloride  
Concen: 47.788 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 117 Resp: 142718  
Ion Ratio Lower Upper  
117 100  
119 95.2 77.3 115.9  
121 31.0 24.2 36.2





#39

Methylcyclohexane

Concen: 47.150 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

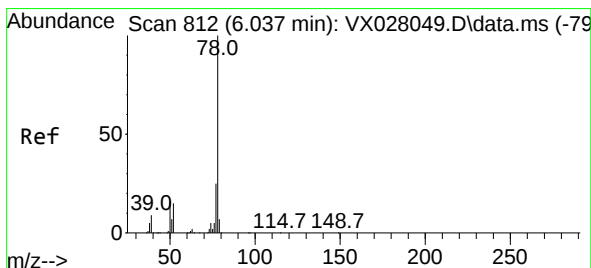
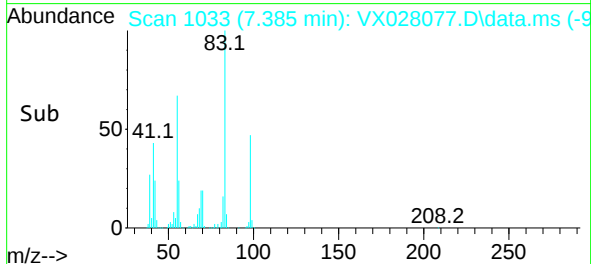
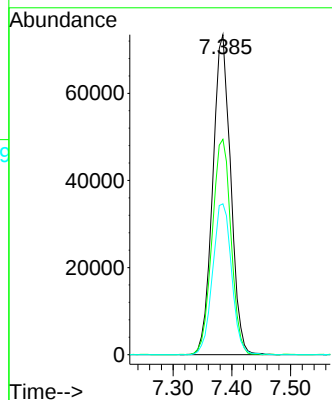
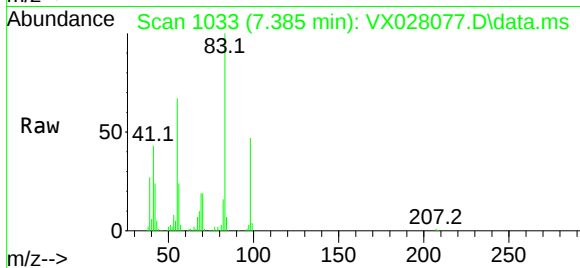
Tgt Ion: 83 Resp: 155918

Ion Ratio Lower Upper

83 100

55 67.3 54.6 81.8

98 47.2 37.4 56.2



#40

Benzene

Concen: 47.978 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX028077.D

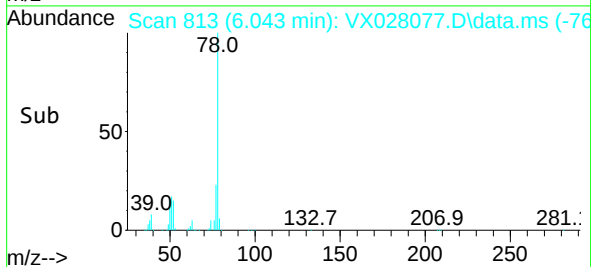
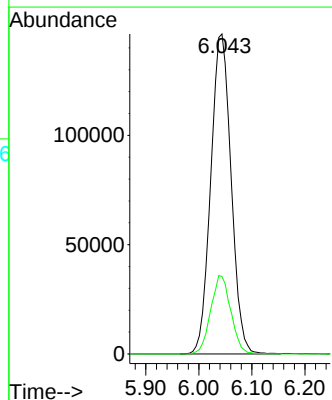
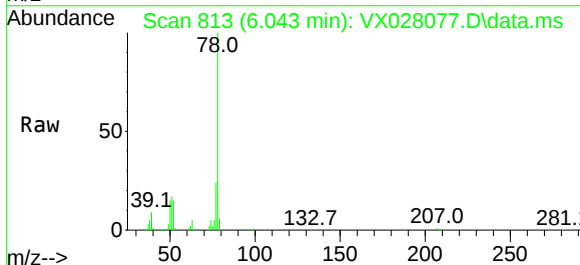
Acq: 12 Apr 2022 23:22

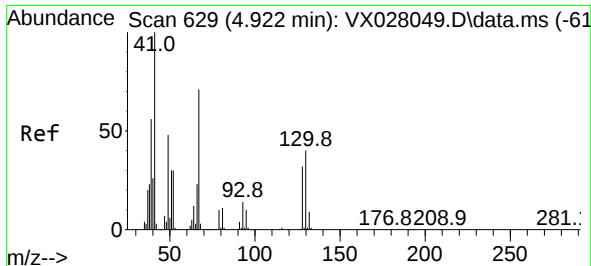
Tgt Ion: 78 Resp: 390275

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9



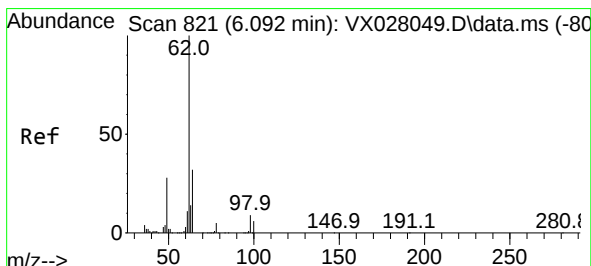
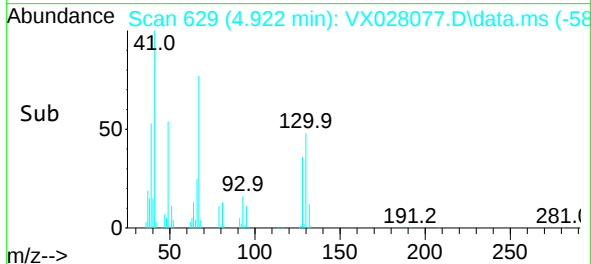
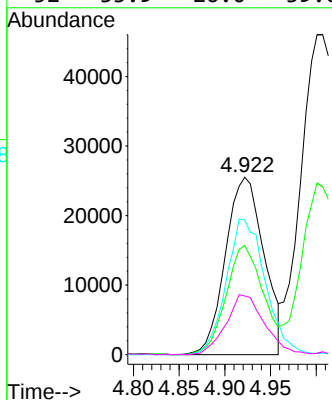
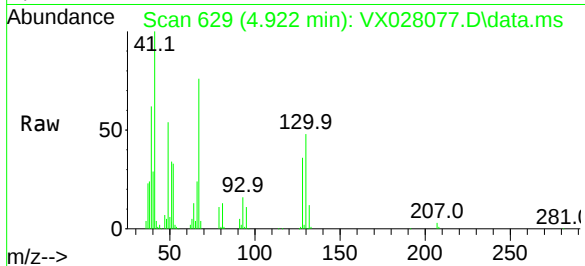


#41  
Methacrylonitrile  
Concen: 43.166 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 74839

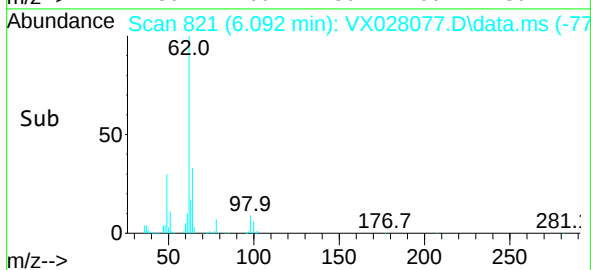
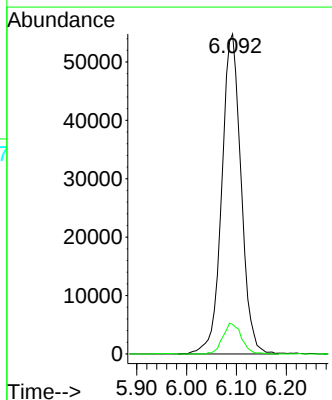
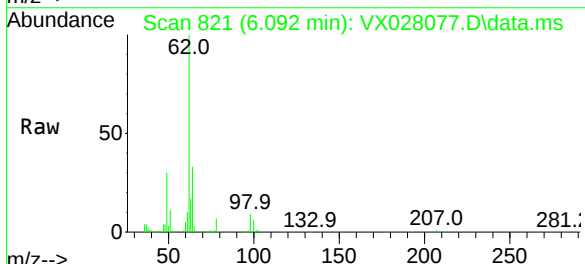
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 59.2  | 43.0  | 64.4  |
| 67  | 77.9  | 70.2  | 105.4 |
| 52  | 33.9  | 26.0  | 39.0  |

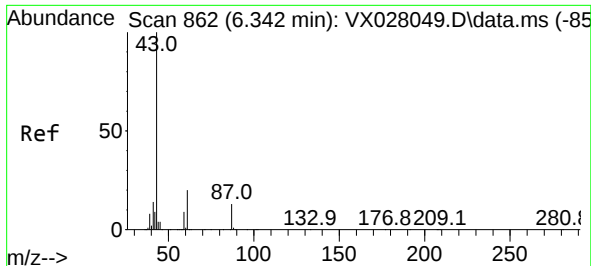


#42  
1,2-Dichloroethane  
Concen: 47.956 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 62 Resp: 147303

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.3   | 0.0   | 20.4  |

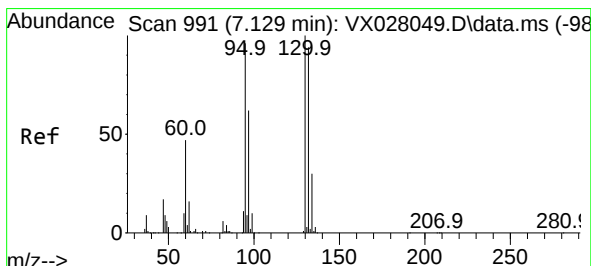
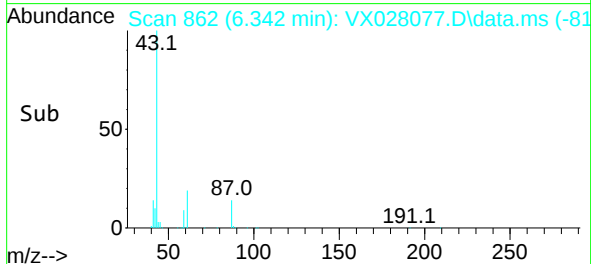
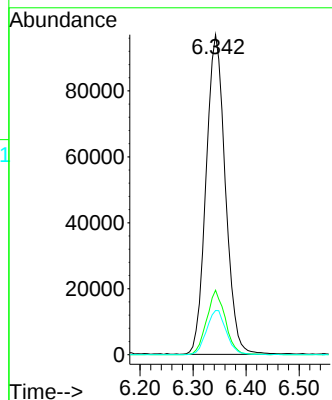
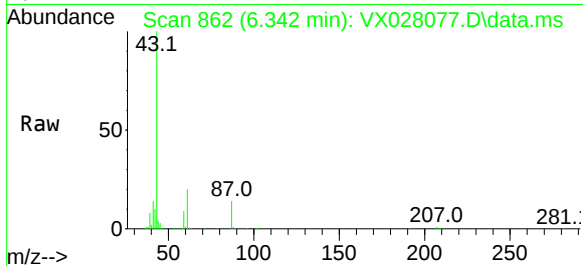




#43  
Isopropyl Acetate  
Concen: 44.995 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

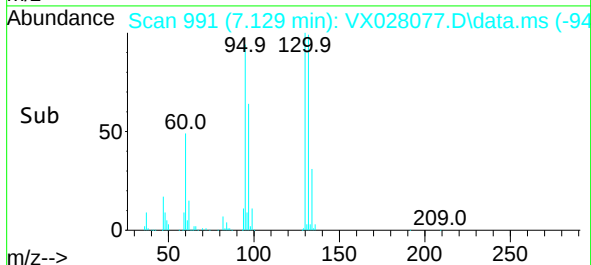
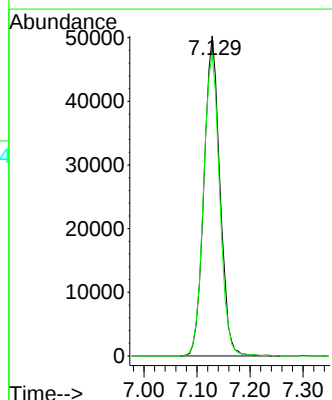
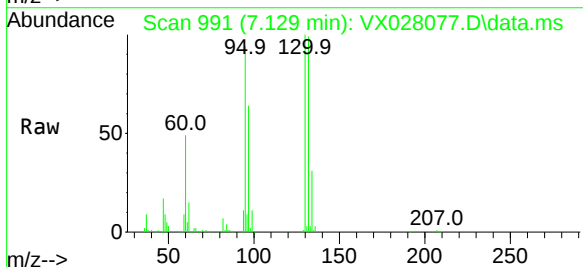
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

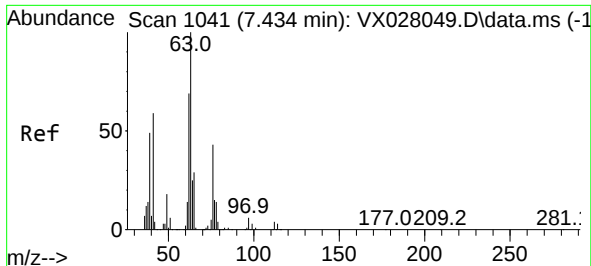
Tgt Ion: 43 Resp: 244283  
Ion Ratio Lower Upper  
43 100  
61 19.5 18.5 27.7  
87 14.2 13.0 19.6



#44  
Trichloroethene  
Concen: 48.555 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion:130 Resp: 105029  
Ion Ratio Lower Upper  
130 100  
95 94.0 0.0 188.8





#45

1,2-Dichloropropane

Concen: 46.060 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.001 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

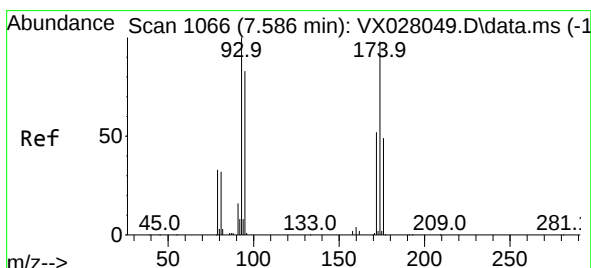
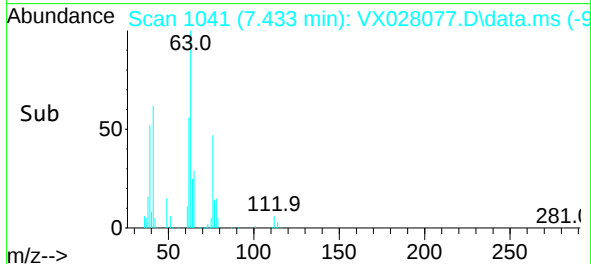
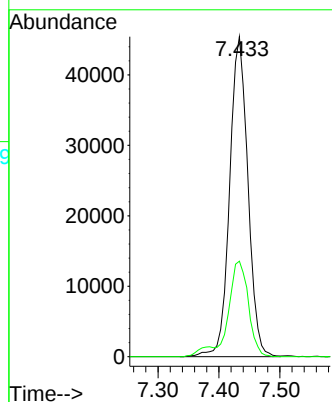
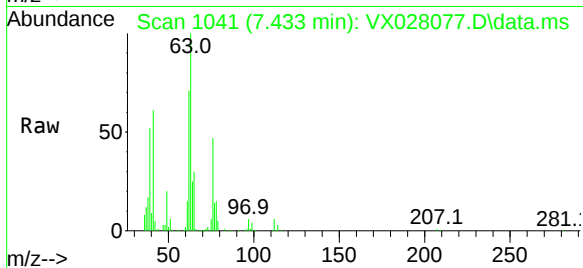
VSTDCCC050EC

Tgt Ion: 63 Resp: 94423

Ion Ratio Lower Upper

63 100

65 29.8 25.8 38.6



#46

Dibromomethane

Concen: 48.153 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

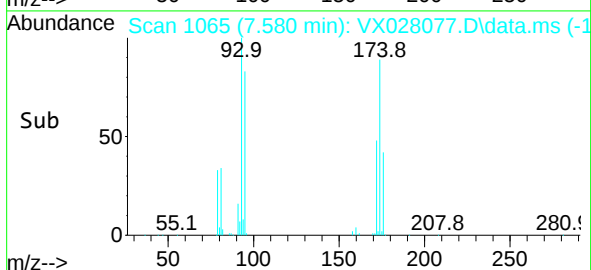
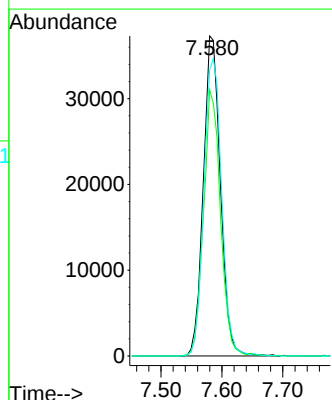
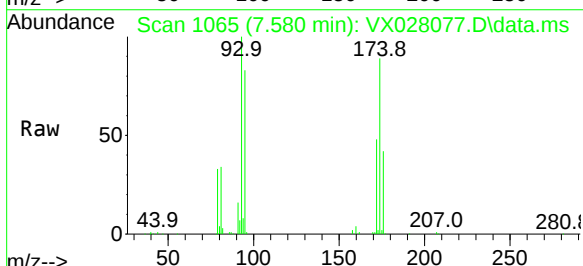
Tgt Ion: 93 Resp: 72824

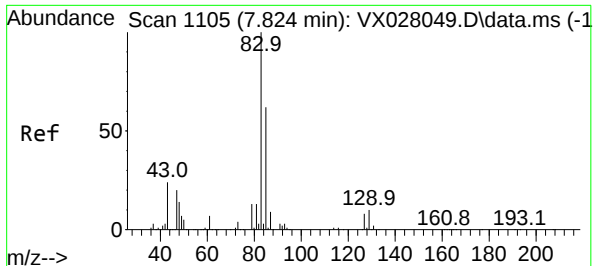
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.6

174 96.1 85.4 128.2

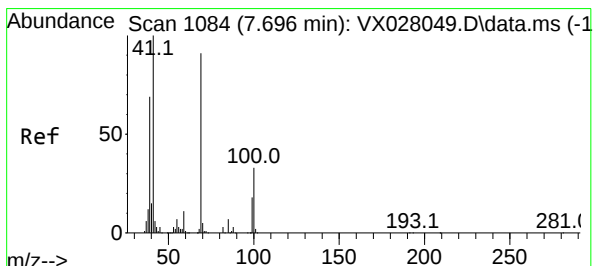
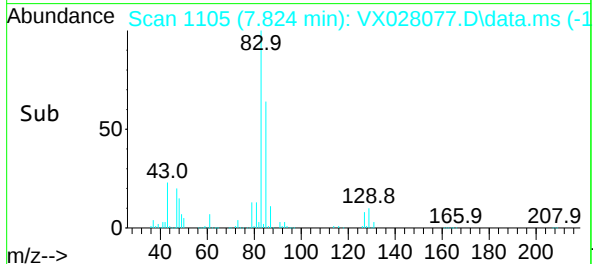
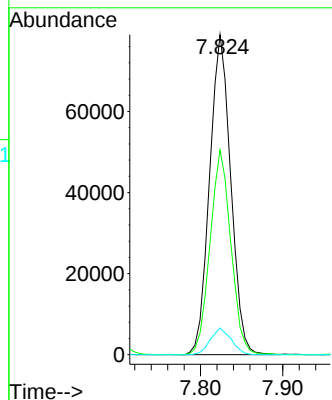
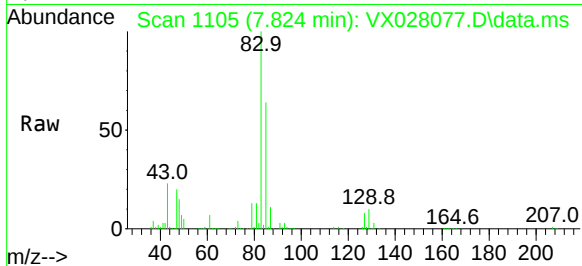




#47  
Bromodichloromethane  
Concen: 48.312 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

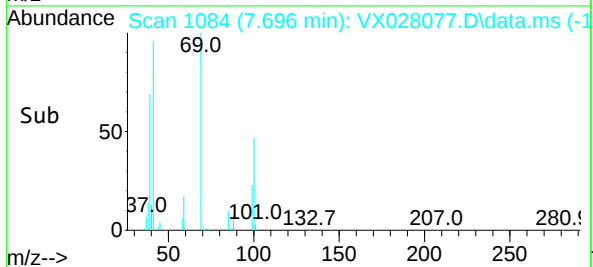
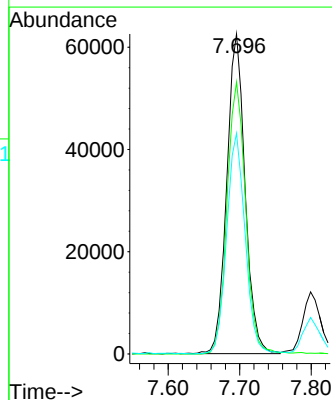
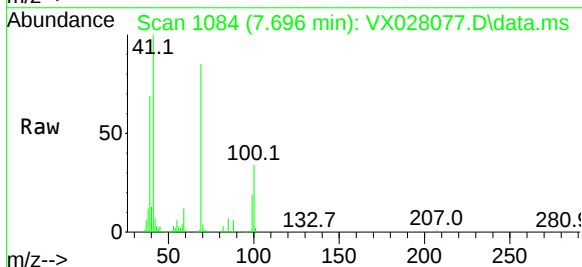
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

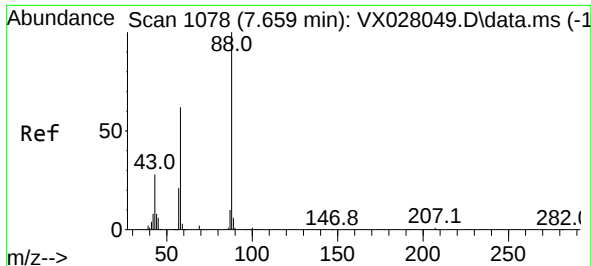
Tgt Ion: 83 Resp: 141210  
Ion Ratio Lower Upper  
83 100  
85 64.0 52.2 78.2  
127 8.3 6.8 10.2



#48  
Methyl methacrylate  
Concen: 44.795 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 41 Resp: 111021  
Ion Ratio Lower Upper  
41 100  
69 86.3 82.5 123.7  
39 70.0 43.8 65.8

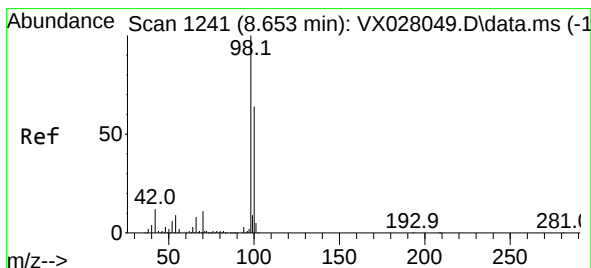
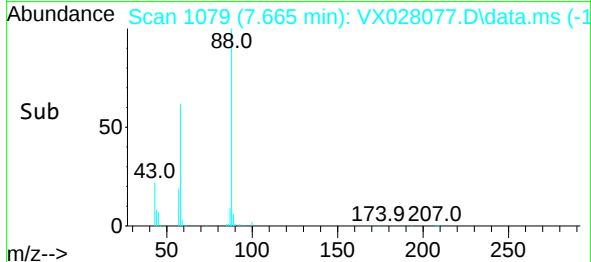
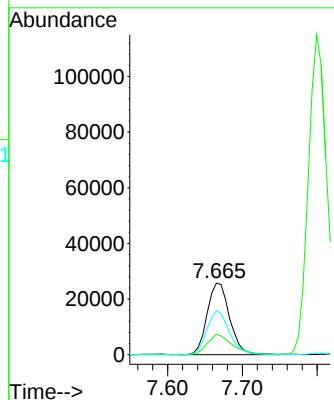
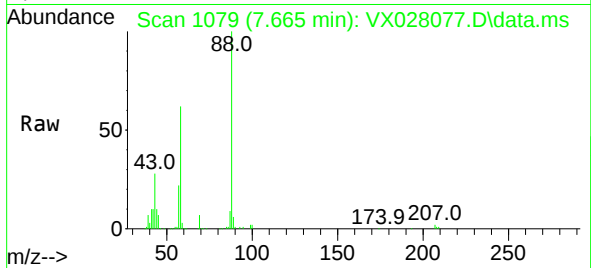




#49  
1,4-Dioxane  
Concen: 971.458 ug/l  
RT: 7.665 min Scan# 1078  
Delta R.T. 0.006 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

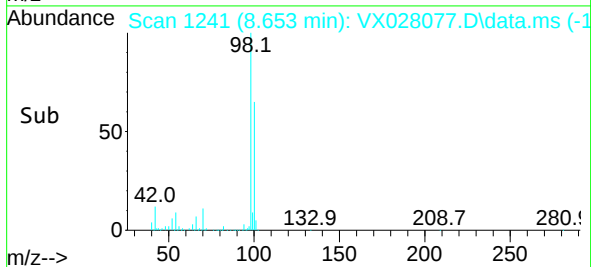
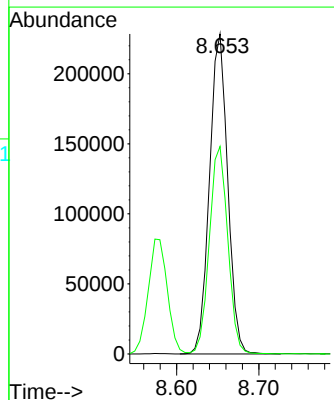
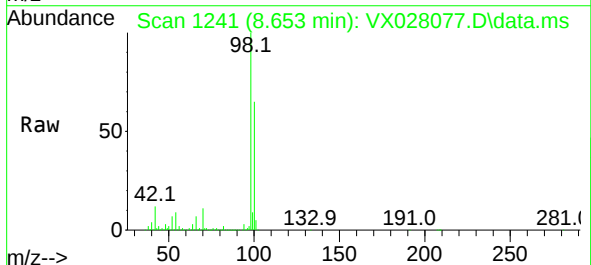
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

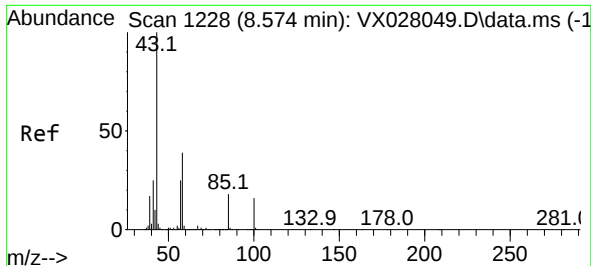
Tgt Ion: 88 Resp: 53750  
Ion Ratio Lower Upper  
88 100  
43 31.4 21.9 32.9  
58 61.8 53.7 80.5



#50  
Toluene-d8  
Concen: 51.322 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 98 Resp: 350833  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.6 78.8

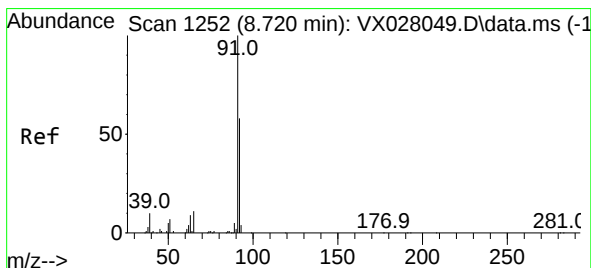
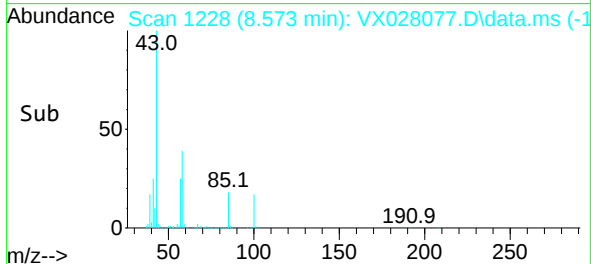
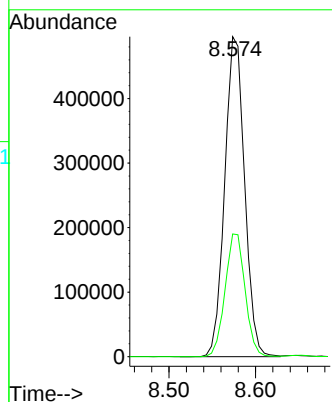
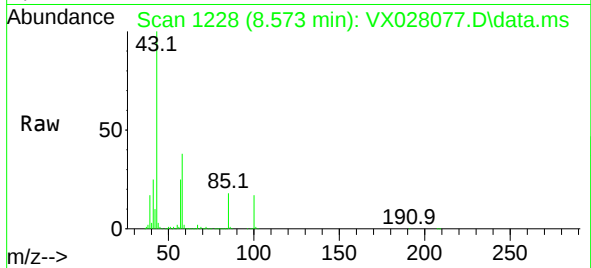




#51  
4-Methyl-2-Pentanone  
Concen: 228.375 ug/l  
RT: 8.573 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

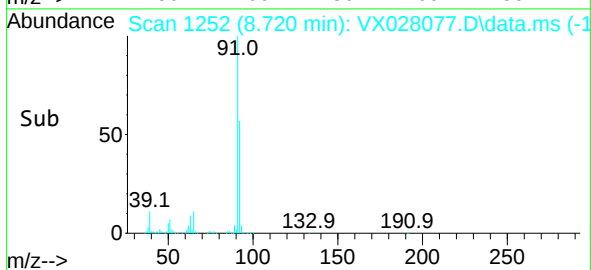
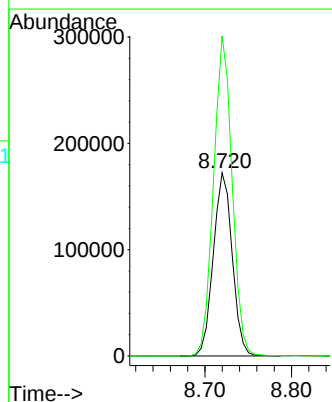
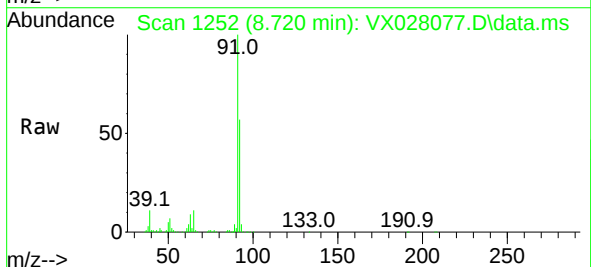
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

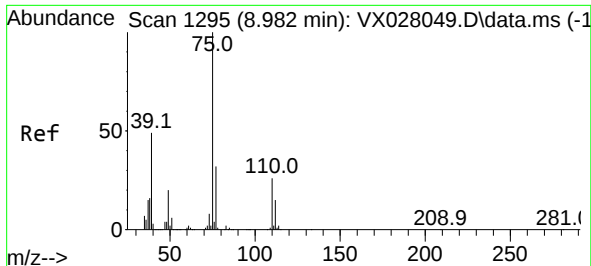
Tgt Ion: 43 Resp: 790531  
Ion Ratio Lower Upper  
43 100  
58 38.6 36.1 54.1



#52  
Toluene  
Concen: 48.164 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 92 Resp: 261385  
Ion Ratio Lower Upper  
92 100  
91 171.7 137.5 206.3

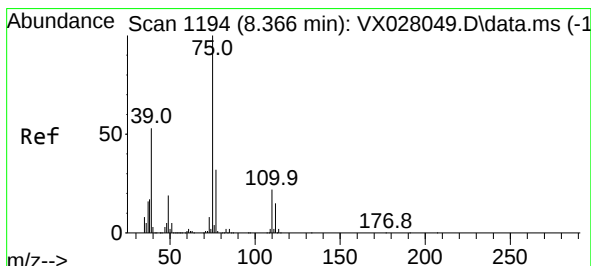
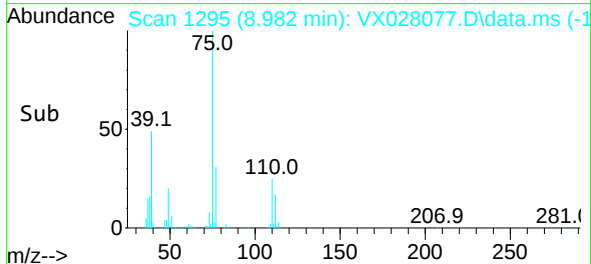
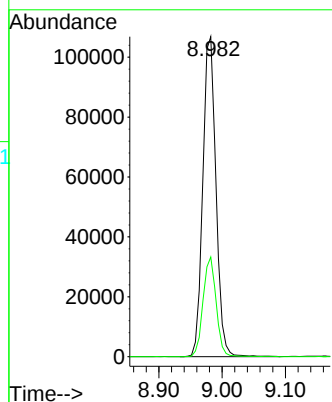
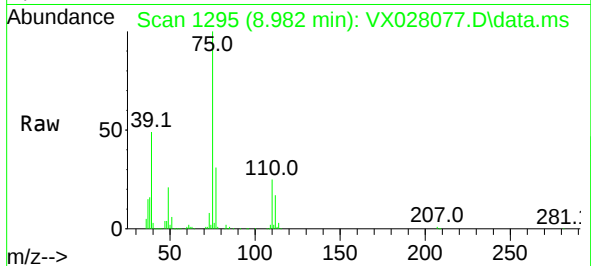




#53  
 t-1,3-Dichloropropene  
 Concen: 46.885 ug/l  
 RT: 8.982 min Scan# 1295  
 Delta R.T. -0.000 min  
 Lab File: VX028077.D  
 Acq: 12 Apr 2022 23:22

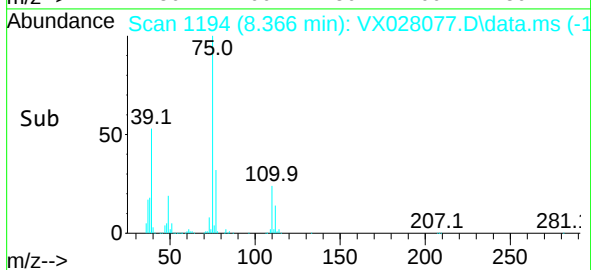
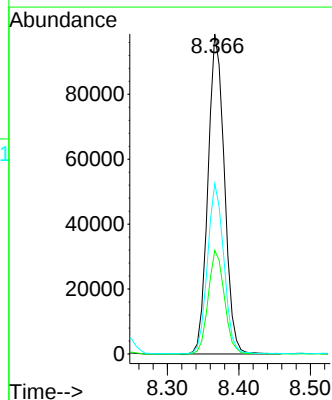
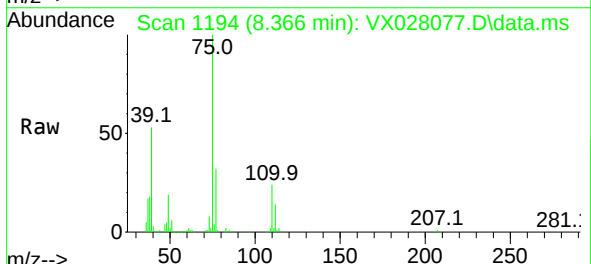
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

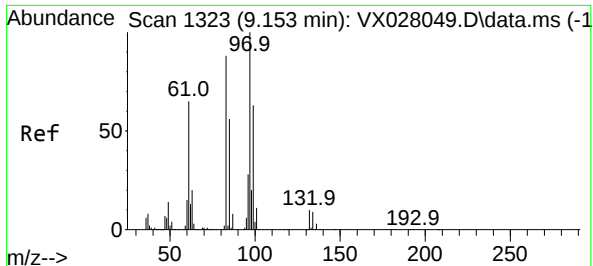
Tgt Ion: 75 Resp: 154789  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 45.940 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX028077.D  
 Acq: 12 Apr 2022 23:22

Tgt Ion: 75 Resp: 157310  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 24.8 37.2  
 39 53.1 29.6 44.4#

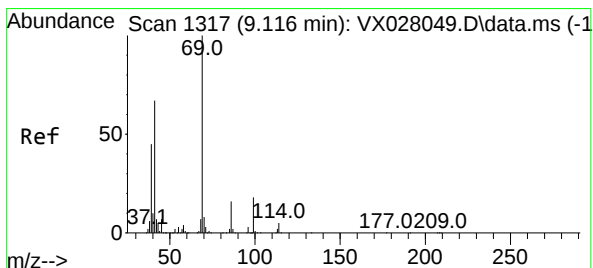
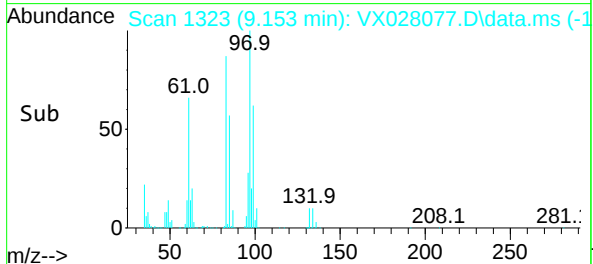
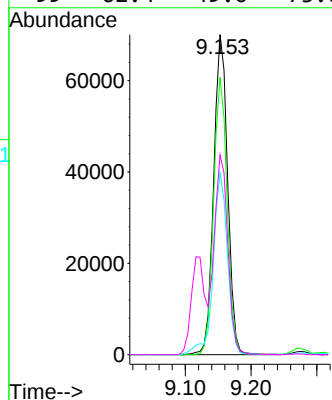
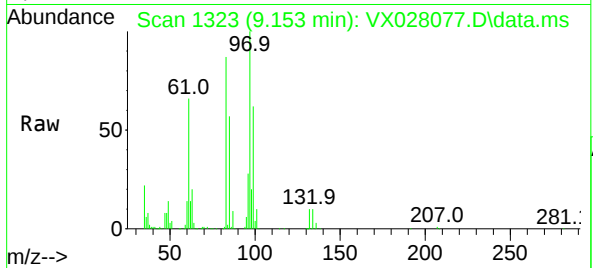




#55  
1,1,2-Trichloroethane  
Concen: 47.013 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

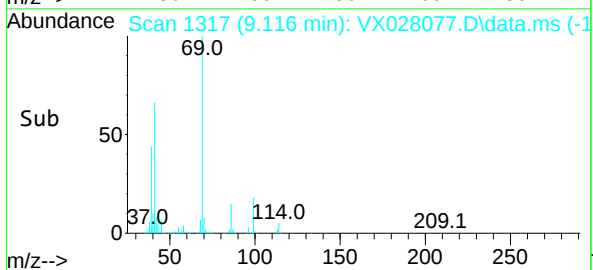
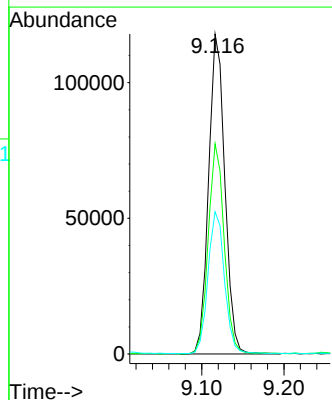
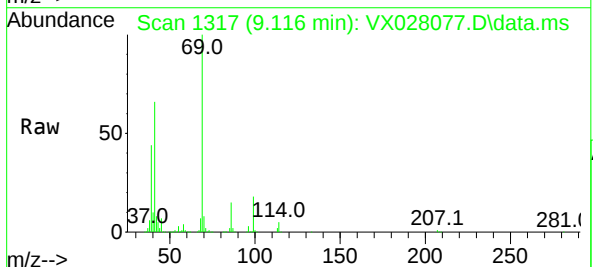
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

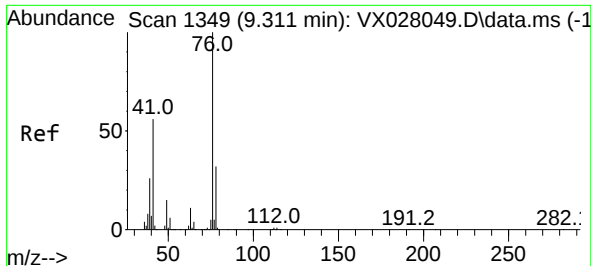
|             |              |
|-------------|--------------|
| Tgt Ion: 97 | Resp: 103430 |
| Ion Ratio   | Lower Upper  |
| 97 100      |              |
| 83 86.7     | 66.2 99.4    |
| 85 56.9     | 42.9 64.3    |
| 99 62.4     | 49.0 73.6    |



#56  
Ethyl methacrylate  
Concen: 46.775 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 161756 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 65.0     | 43.8 65.6    |
| 39 45.1     | 22.2 33.2#   |





#57

1,3-Dichloropropane

Concen: 47.219 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

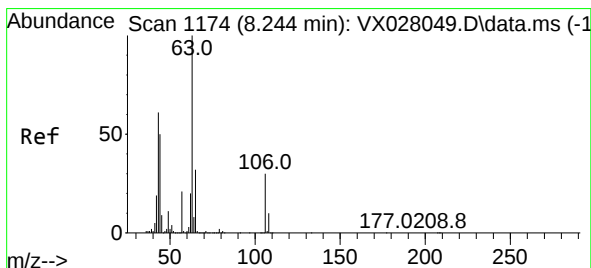
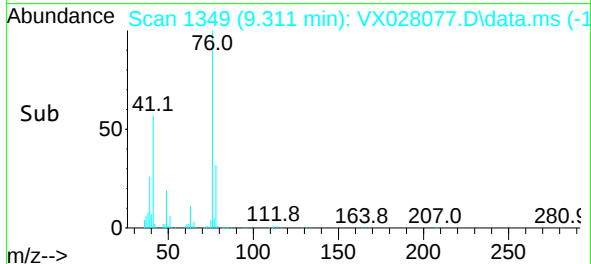
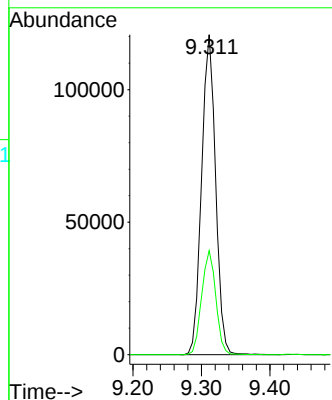
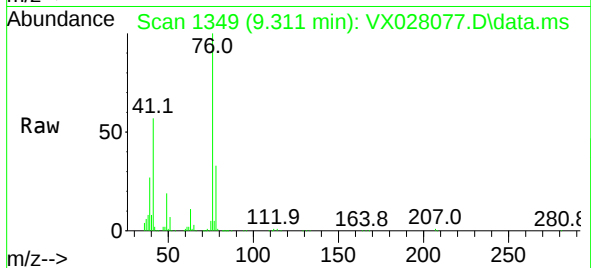
VSTDCCC050EC

Tgt Ion: 76 Resp: 172213

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 232.388 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028077.D

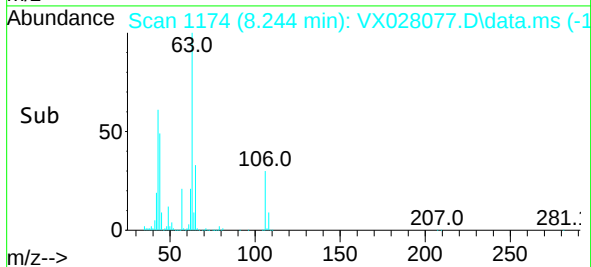
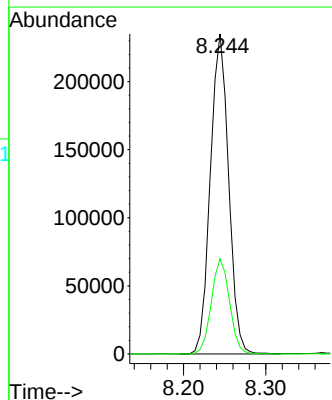
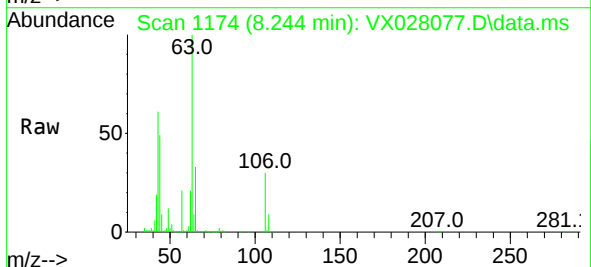
Acq: 12 Apr 2022 23:22

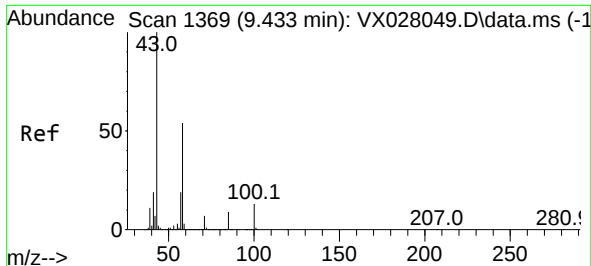
Tgt Ion: 63 Resp: 362721

Ion Ratio Lower Upper

63 100

106 29.5 23.9 35.9





#59

2-Hexanone

Concen: 233.514 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

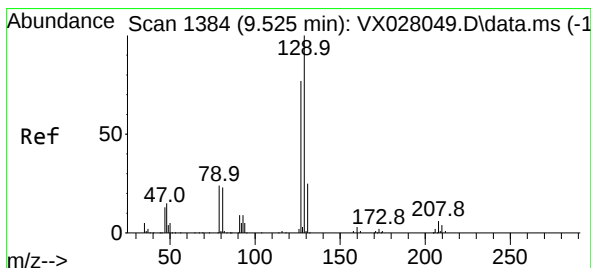
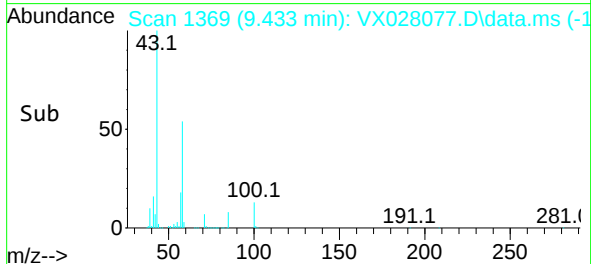
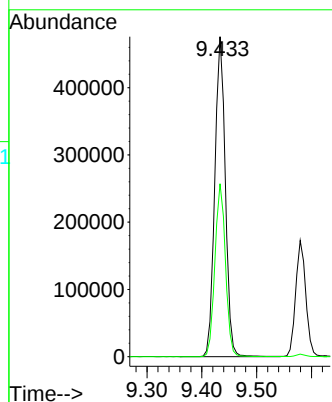
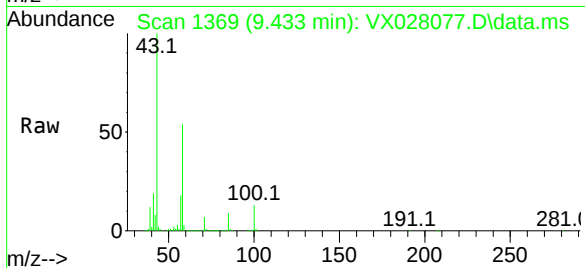
VSTDCCC050EC

Tgt Ion: 43 Resp: 633058

Ion Ratio Lower Upper

43 100

58 54.1 31.9 95.7



#60

Dibromochloromethane

Concen: 47.968 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX028077.D

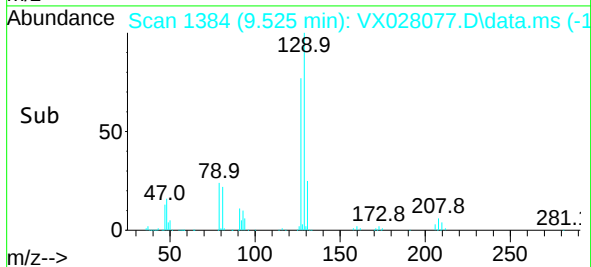
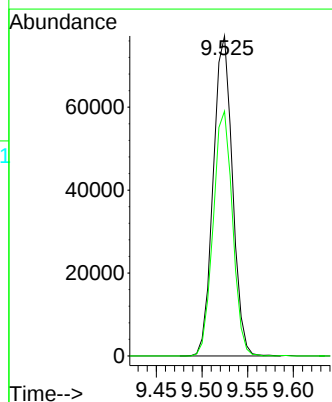
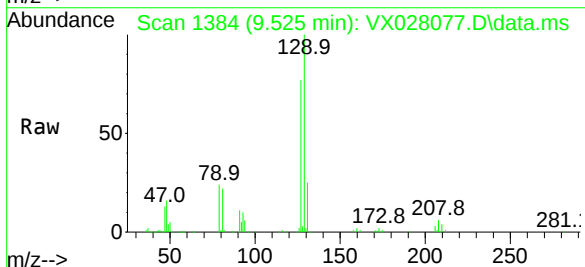
Acq: 12 Apr 2022 23:22

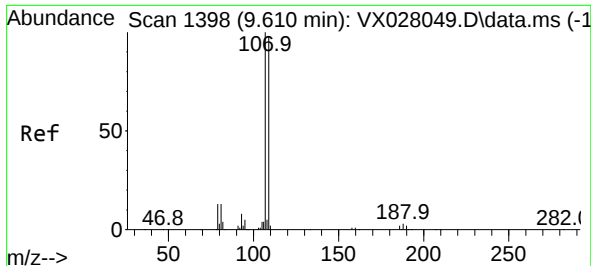
Tgt Ion: 129 Resp: 112809

Ion Ratio Lower Upper

129 100

127 76.9 40.3 120.8

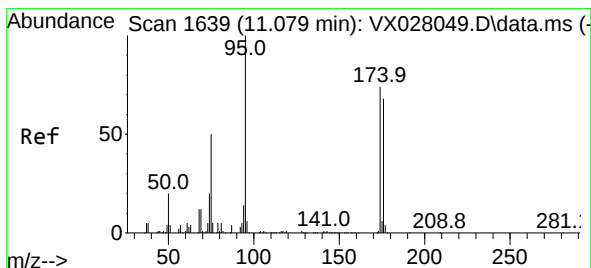
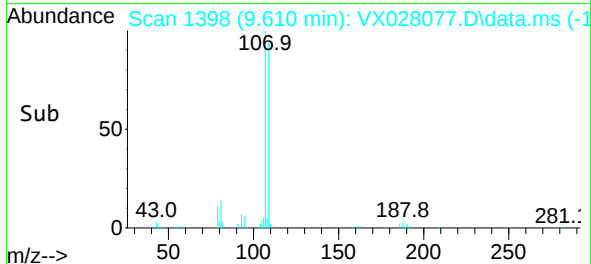
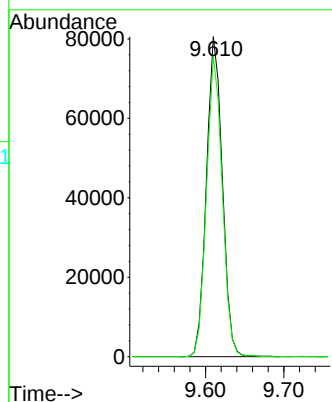
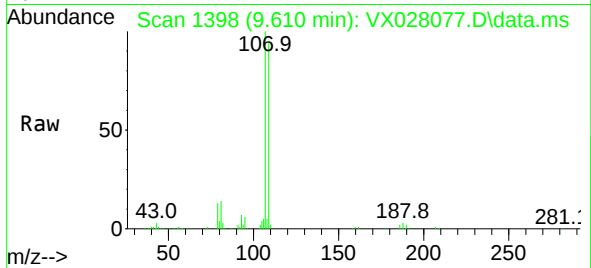




#61  
1,2-Dibromoethane  
Concen: 47.315 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

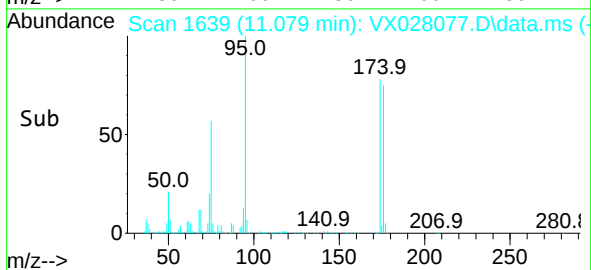
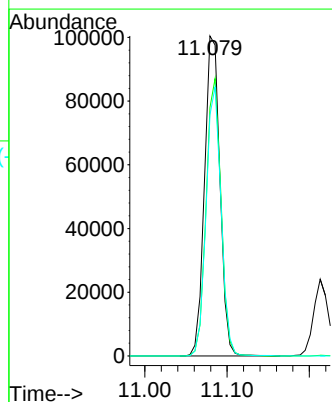
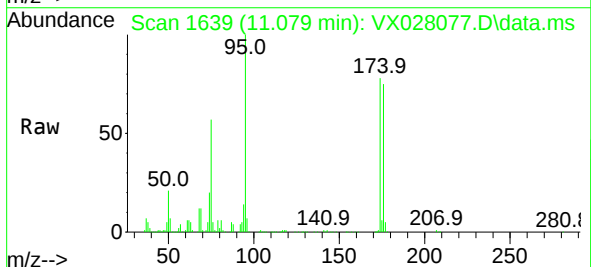
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

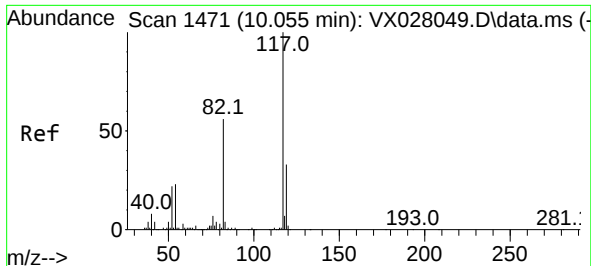
Tgt Ion:107 Resp: 113369  
Ion Ratio Lower Upper  
107 100  
109 93.2 74.4 111.6



#62  
4-Bromofluorobenzene  
Concen: 51.175 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 95 Resp: 130620  
Ion Ratio Lower Upper  
95 100  
174 83.8 0.0 163.0  
176 81.8 0.0 155.0

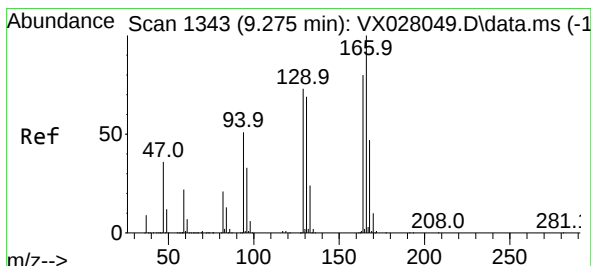
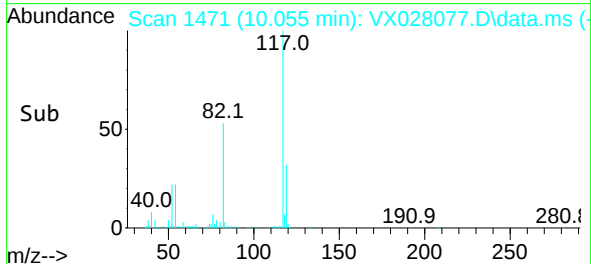
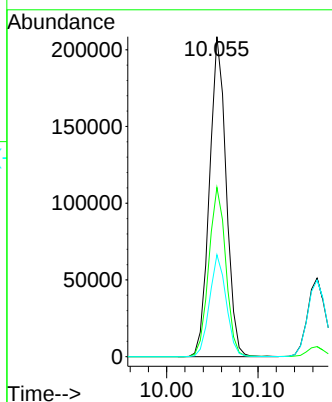
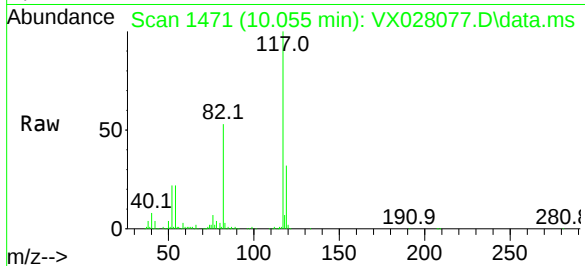




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

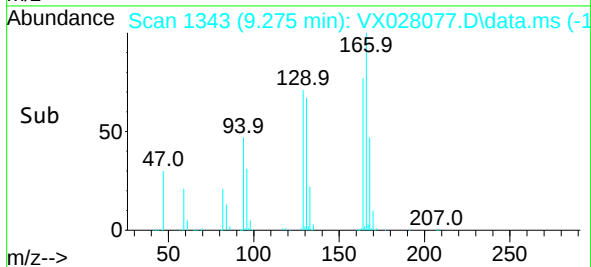
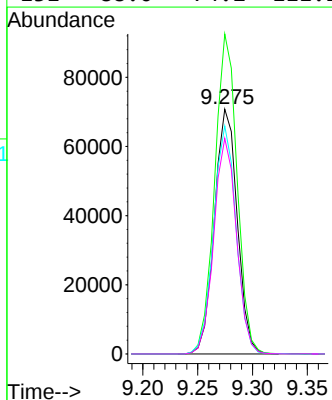
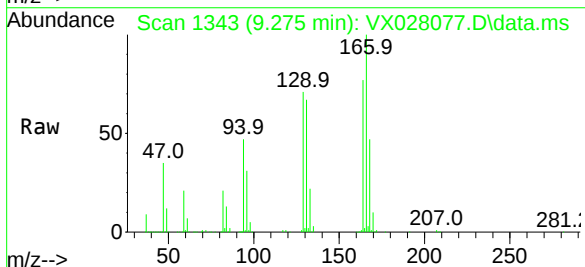
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

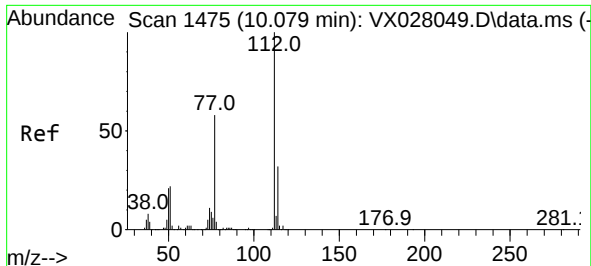
Tgt Ion:117 Resp: 264854  
Ion Ratio Lower Upper  
117 100  
82 52.9 41.8 62.8  
119 31.8 24.8 37.2



#64  
Tetrachloroethene  
Concen: 48.777 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion:164 Resp: 102501  
Ion Ratio Lower Upper  
164 100  
166 130.7 101.2 151.8  
129 93.1 73.0 109.4  
131 88.0 74.2 111.2

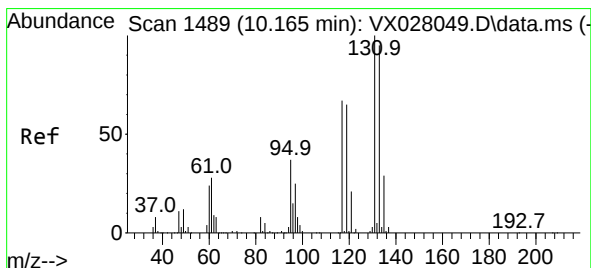
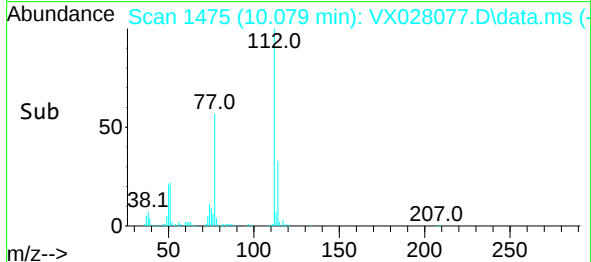
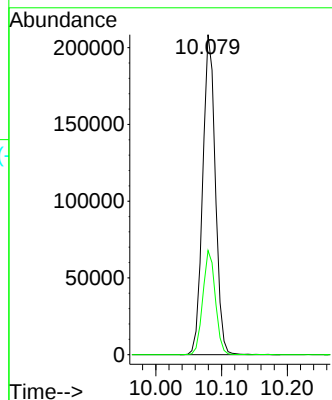
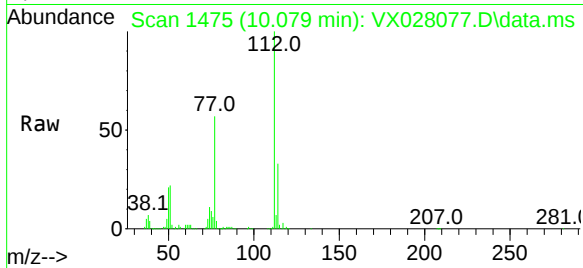




#65  
Chlorobenzene  
Concen: 48.119 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

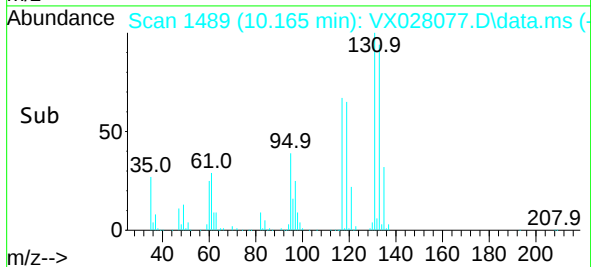
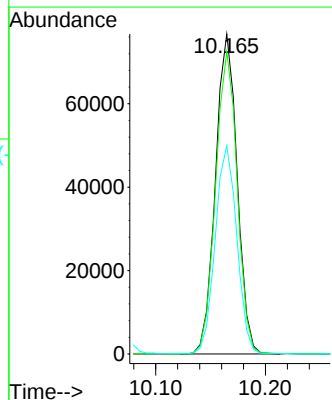
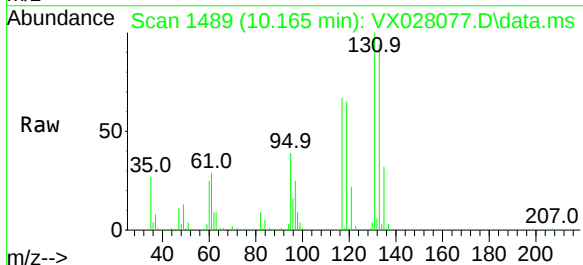
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

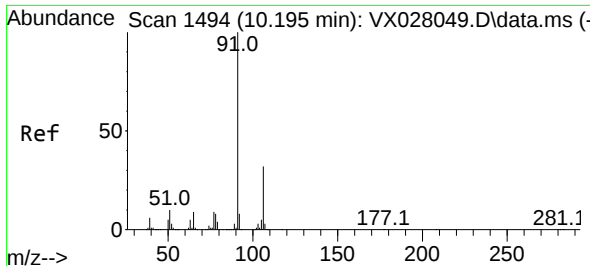
Tgt Ion:112 Resp: 278081  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.309 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion:131 Resp: 105288  
Ion Ratio Lower Upper  
131 100  
133 94.3 48.3 144.8  
119 65.2 32.6 98.0

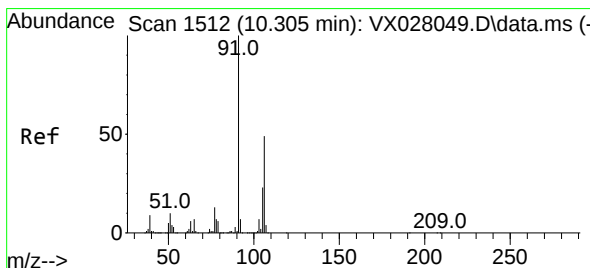
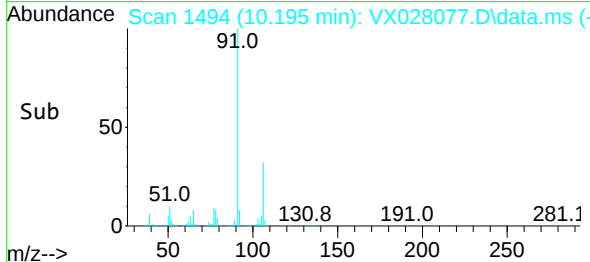
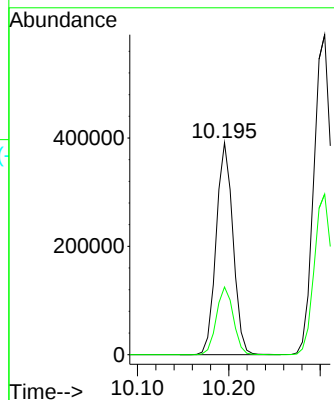
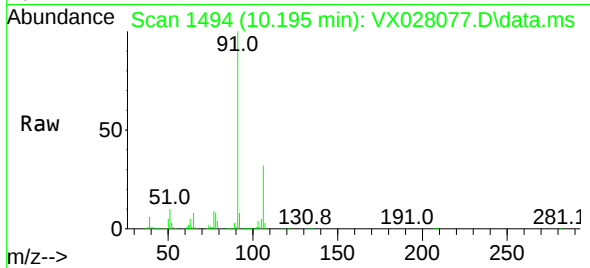




#67  
Ethyl Benzene  
Concen: 49.110 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

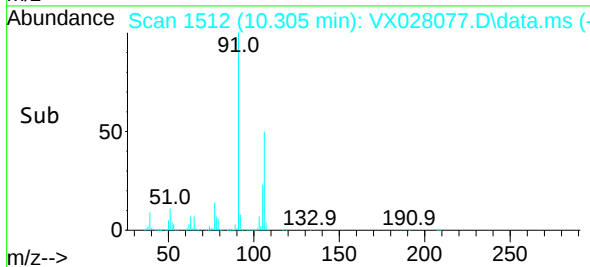
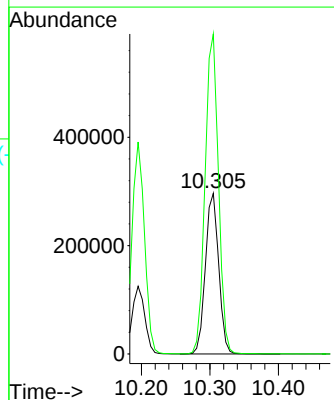
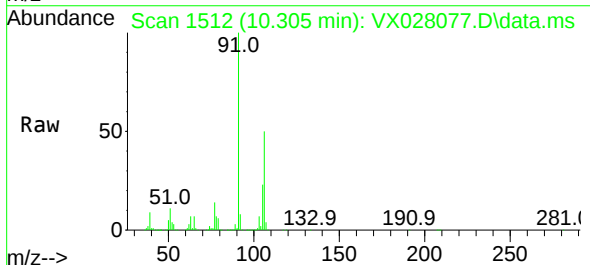
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

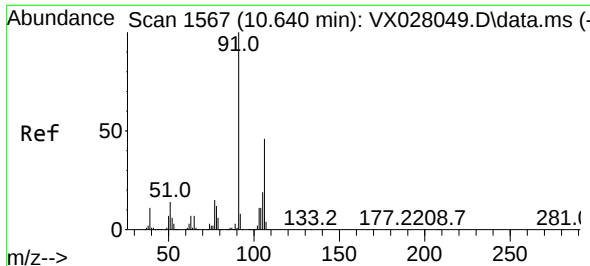
Tgt Ion: 91 Resp: 499771  
Ion Ratio Lower Upper  
91 100  
106 31.9 24.6 36.8



#68  
m/p-Xylenes  
Concen: 94.256 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion:106 Resp: 400536  
Ion Ratio Lower Upper  
106 100  
91 200.1 160.4 240.6

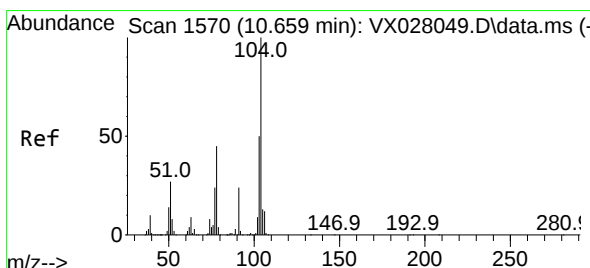
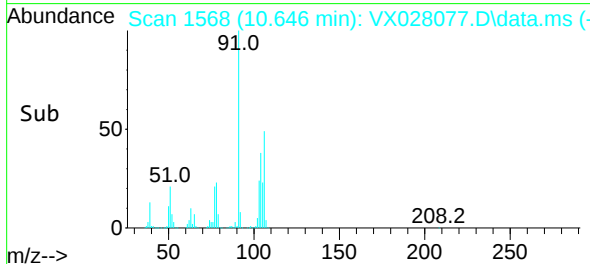
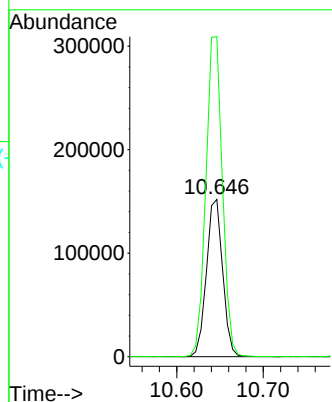
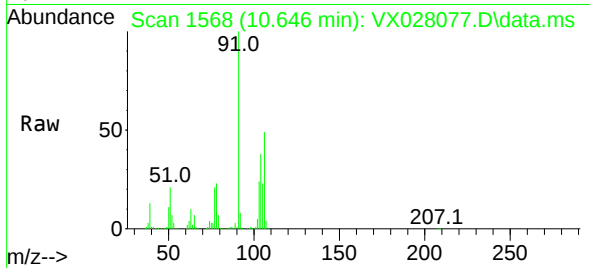




#69  
o-Xylene  
Concen: 47.826 ug/l  
RT: 10.646 min Scan# 1567  
Delta R.T. 0.006 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

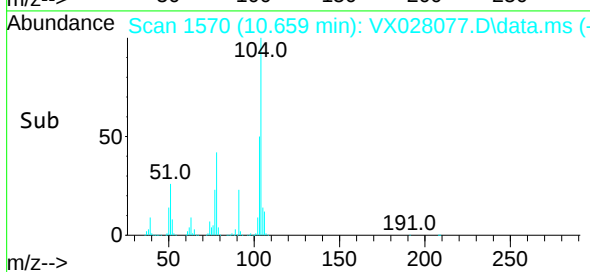
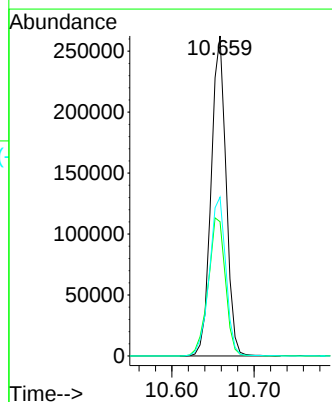
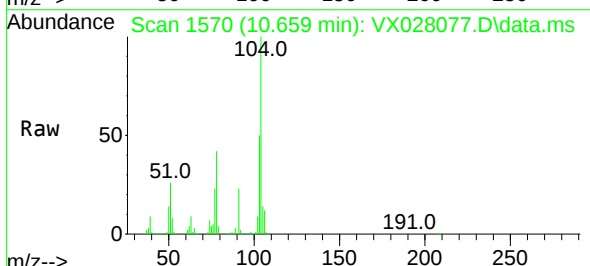
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

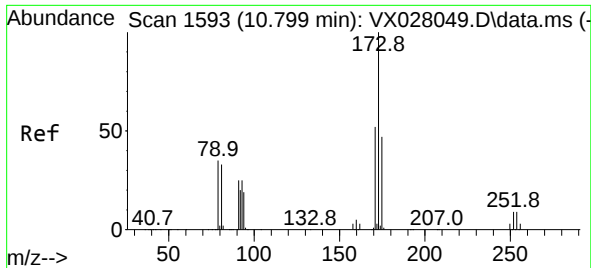
Tgt Ion:106 Resp: 197558  
Ion Ratio Lower Upper  
106 100  
91 207.6 106.1 318.1



#70  
Styrene  
Concen: 41.720 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. -0.001 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion:104 Resp: 332925  
Ion Ratio Lower Upper  
104 100  
78 49.7 38.6 57.8  
103 54.9 43.8 65.8

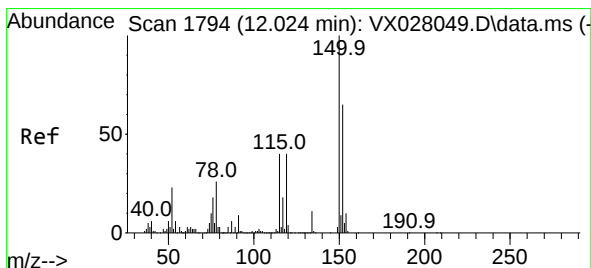
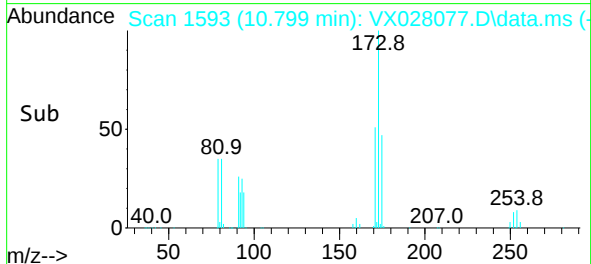
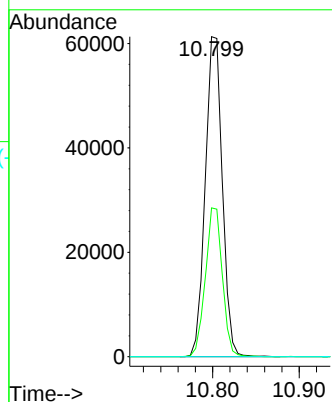
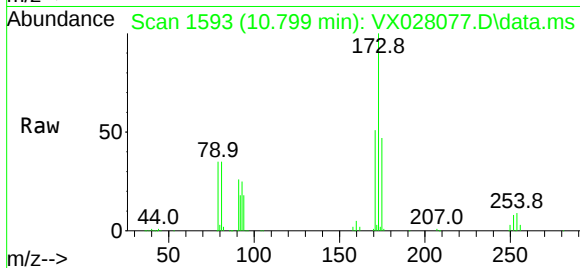




#71  
Bromoform  
Concen: 41.515 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

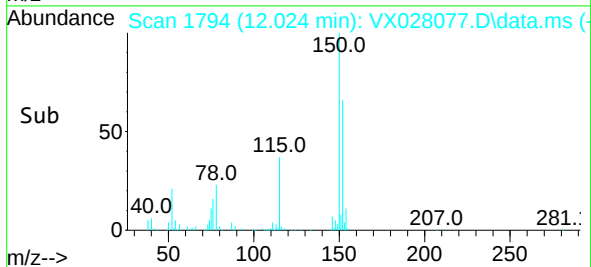
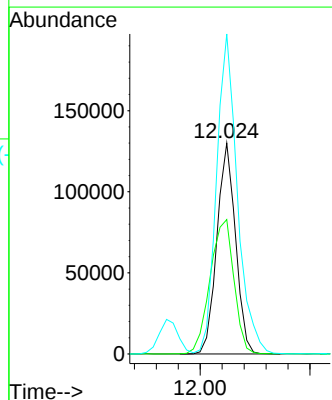
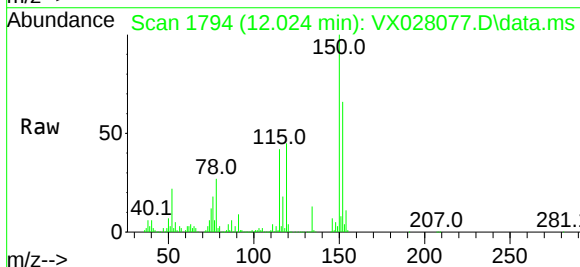
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

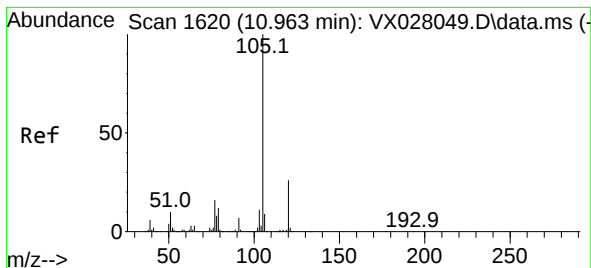
Tgt Ion:173 Resp: 83947  
Ion Ratio Lower Upper  
173 100  
175 46.3 24.1 72.2  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion:152 Resp: 153325  
Ion Ratio Lower Upper  
152 100  
115 81.7 37.5 112.7  
150 169.9 0.0 338.2





#73

Isopropylbenzene

Concen: 47.204 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

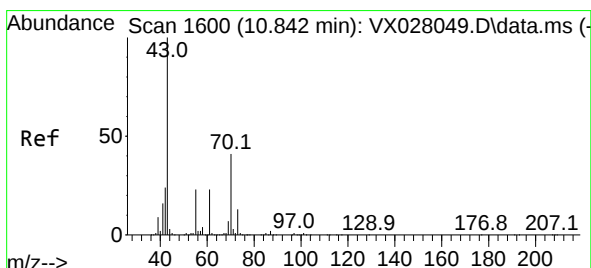
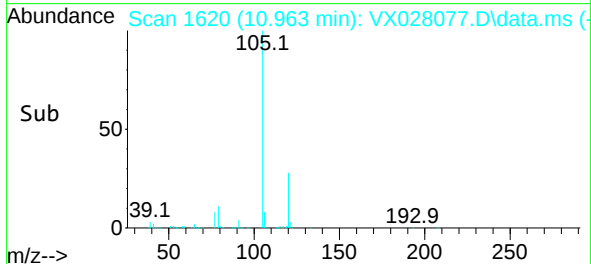
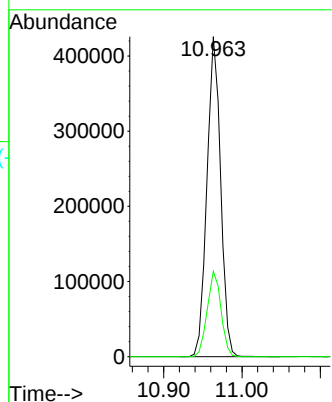
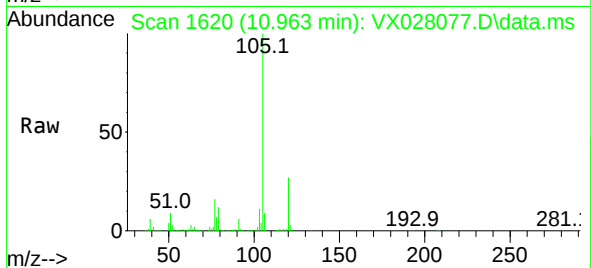
VSTDCCC050EC

Tgt Ion:105 Resp: 514161

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#74

N-ethyl acetate

Concen: 49.614 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Tgt Ion: 43 Resp: 233551

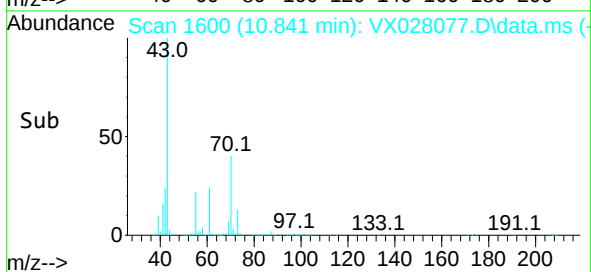
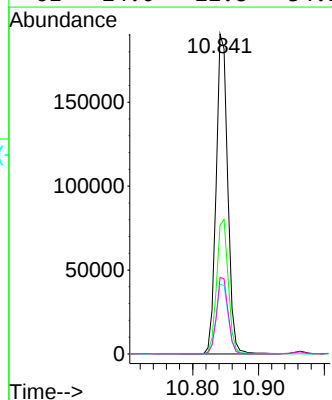
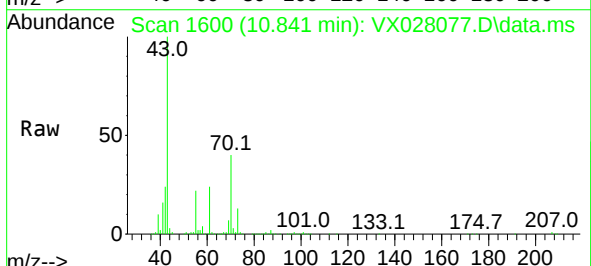
Ion Ratio Lower Upper

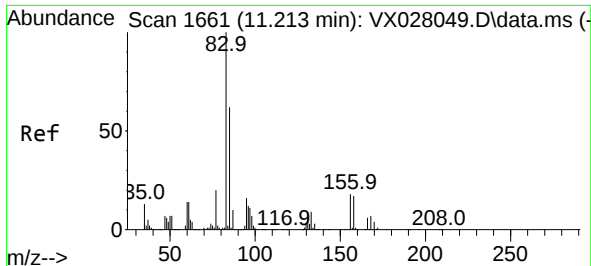
43 100

70 42.3 42.5 63.7#

55 22.8 23.1 34.7#

61 24.0 22.8 34.2

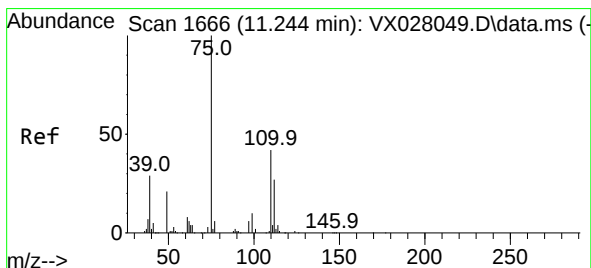
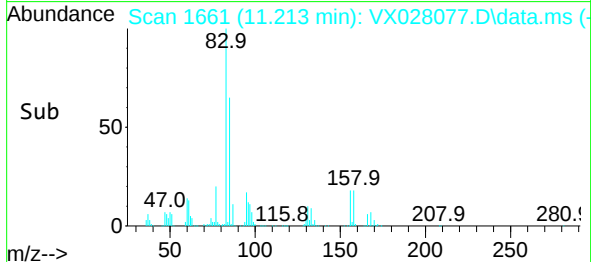
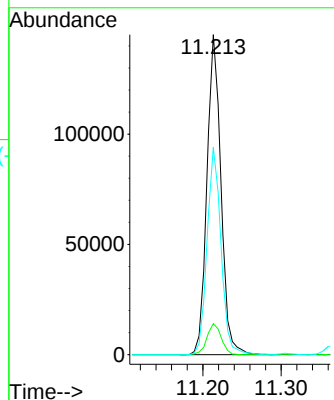
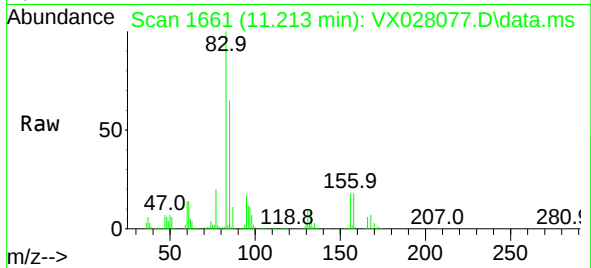




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 47.241 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX028077.D  
 Acq: 12 Apr 2022 23:22

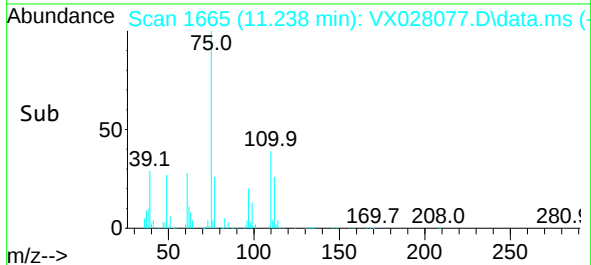
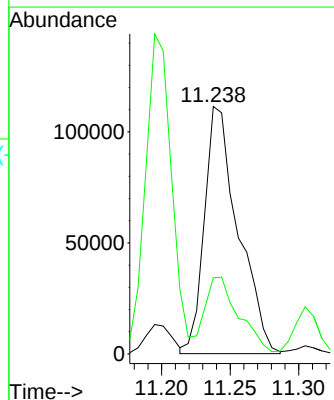
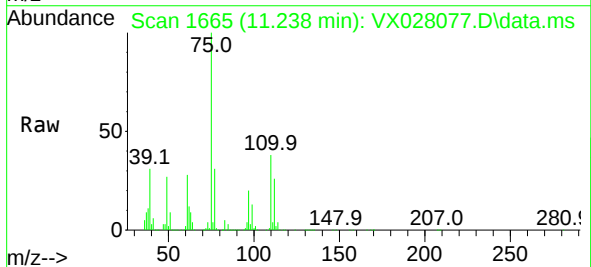
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

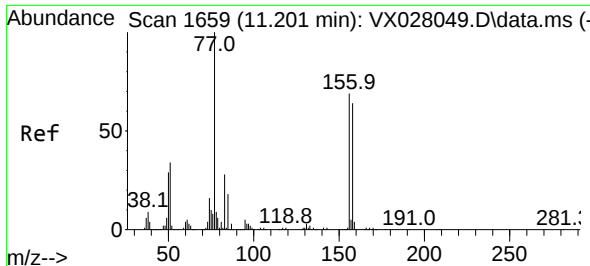
Tgt Ion: 83 Resp: 179762  
 Ion Ratio Lower Upper  
 83 100  
 131 10.0 5.1 15.3  
 85 64.6 32.6 97.7



#76  
 1,2,3-Trichloropropane  
 Concen: 56.041 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. -0.006 min  
 Lab File: VX028077.D  
 Acq: 12 Apr 2022 23:22

Tgt Ion: 75 Resp: 191289  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 19.4 58.2

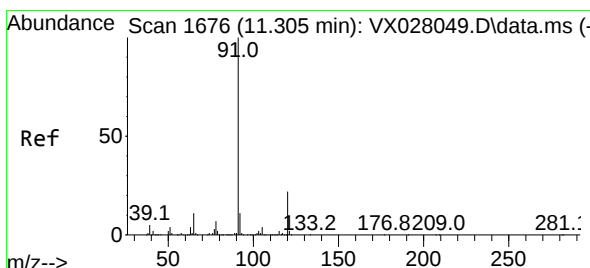
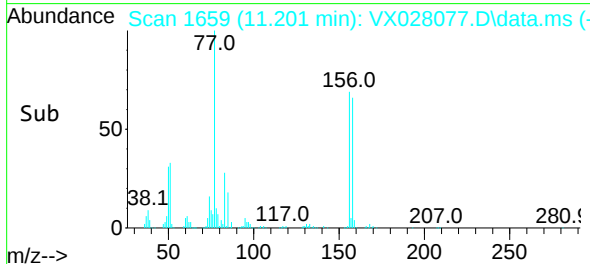
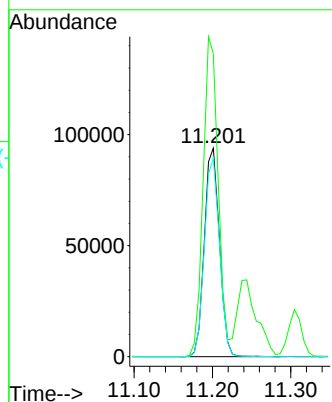
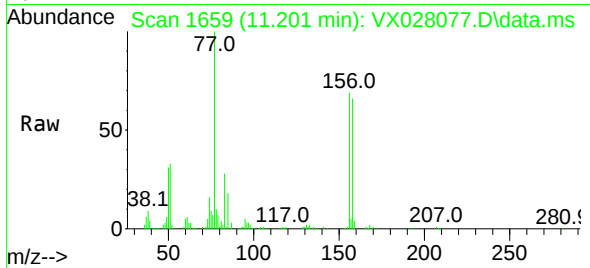




#77  
Bromobenzene  
Concen: 46.986 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

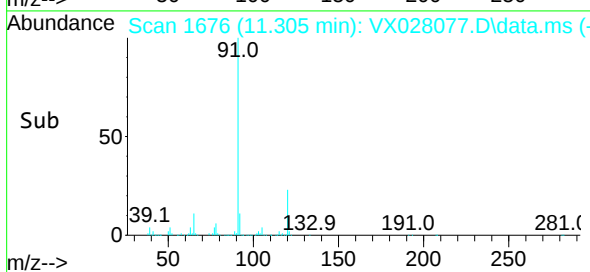
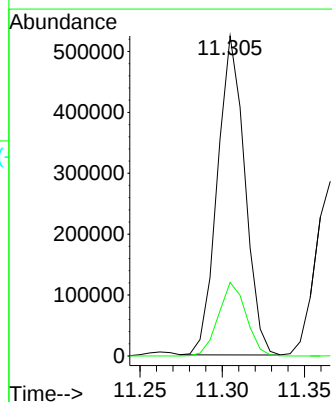
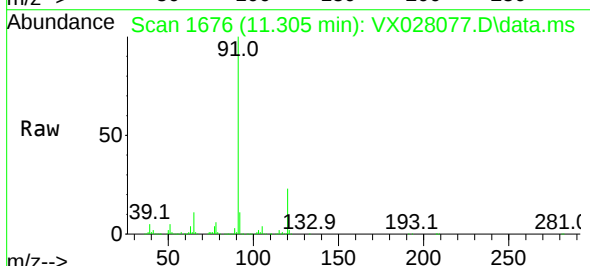
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

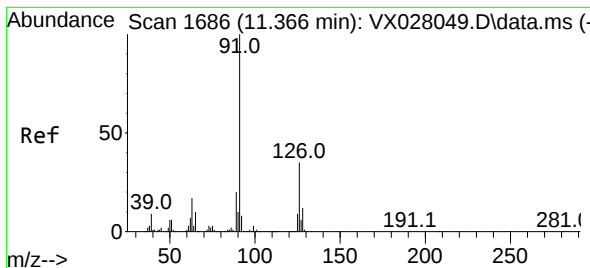
Tgt Ion:156 Resp: 125023  
Ion Ratio Lower Upper  
156 100  
77 152.4 78.5 235.3  
158 95.5 50.2 150.7



#78  
n-propylbenzene  
Concen: 48.033 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 91 Resp: 608036  
Ion Ratio Lower Upper  
91 100  
120 23.3 11.6 34.8





#79

2-Chlorotoluene

Concen: 46.146 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

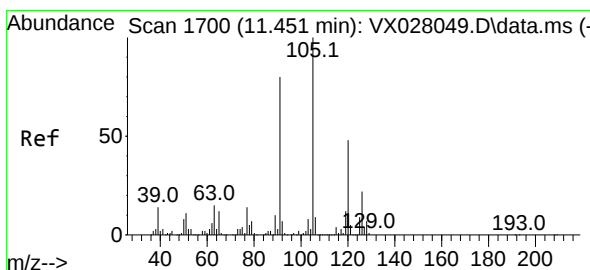
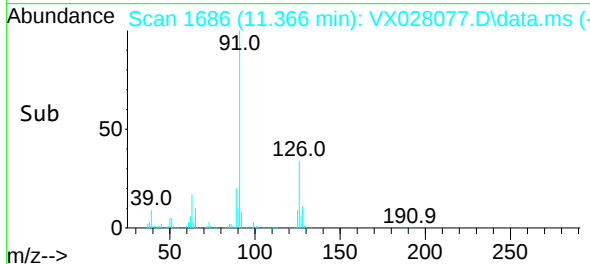
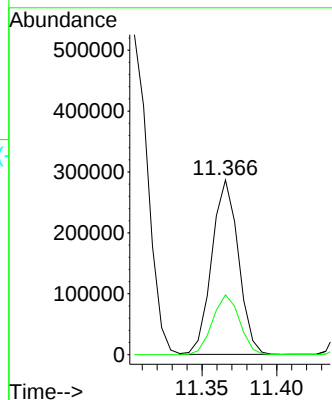
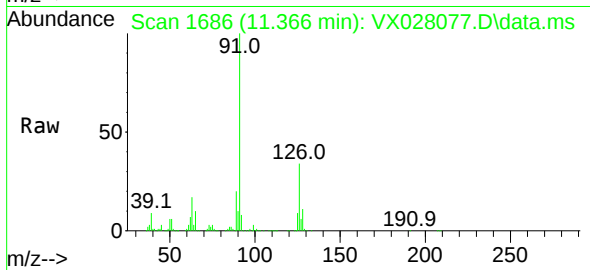
VSTDCCC050EC

Tgt Ion: 91 Resp: 354253

Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 47.729 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX028077.D

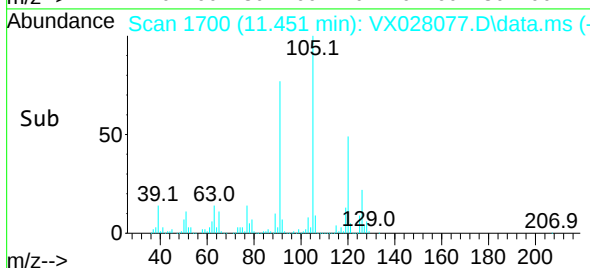
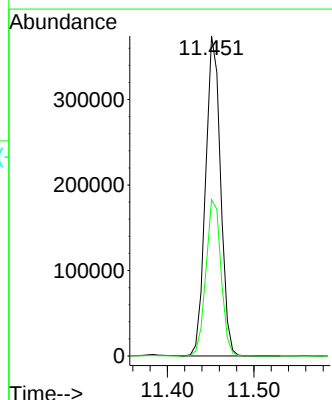
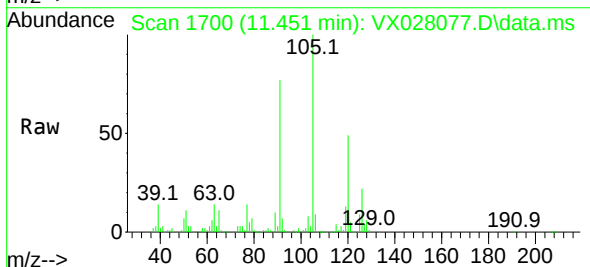
Acq: 12 Apr 2022 23:22

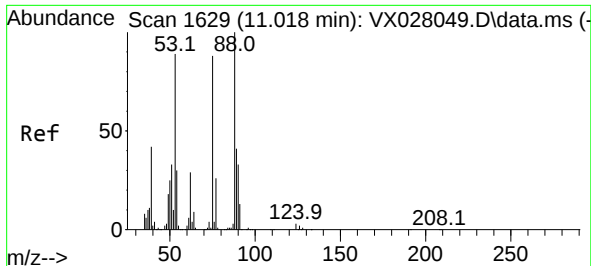
Tgt Ion: 105 Resp: 449076

Ion Ratio Lower Upper

105 100

120 49.4 24.3 72.9

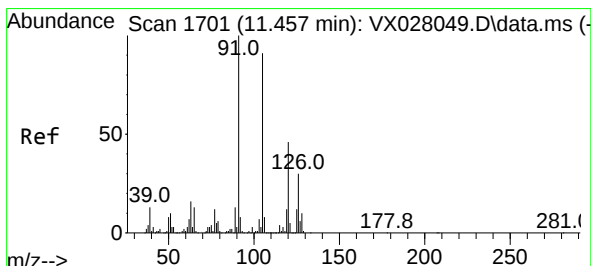
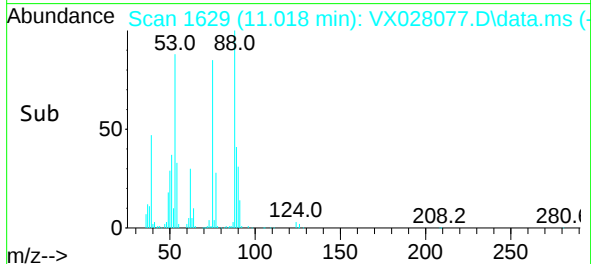
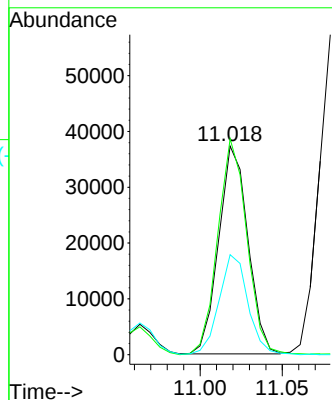
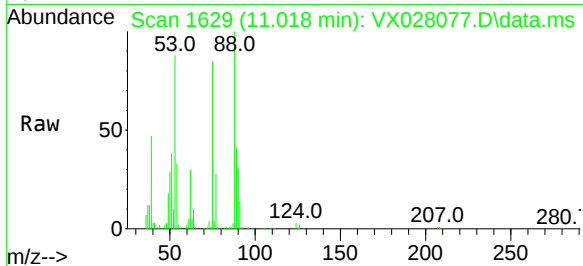




#81  
trans-1,4-Dichloro-2-butene  
Concen: 38.006 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

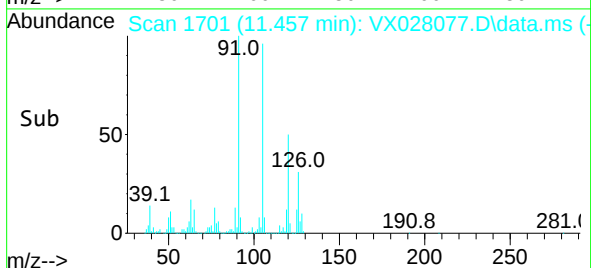
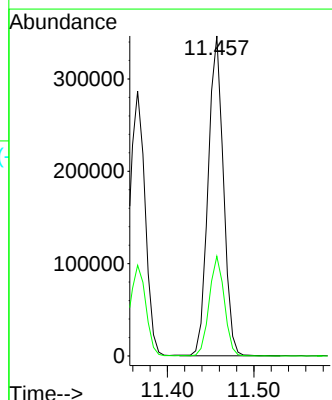
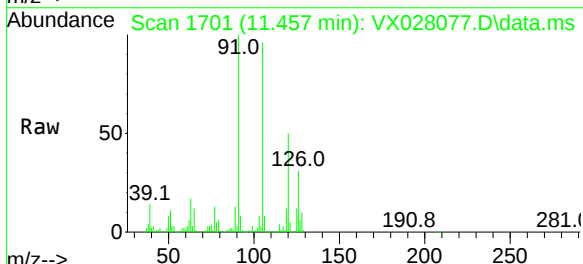
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

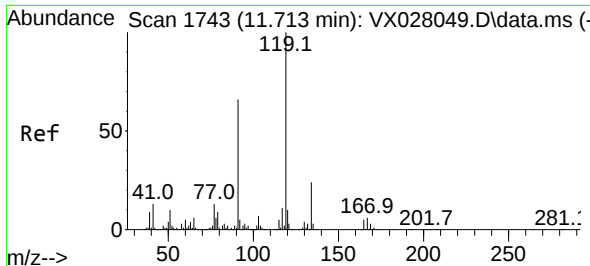
Tgt Ion: 75 Resp: 46061  
Ion Ratio Lower Upper  
75 100  
53 103.4 69.0 103.4  
89 47.6 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 46.885 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 91 Resp: 423702  
Ion Ratio Lower Upper  
91 100  
126 30.8 14.9 44.5

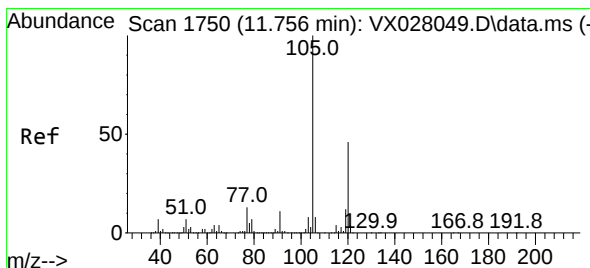
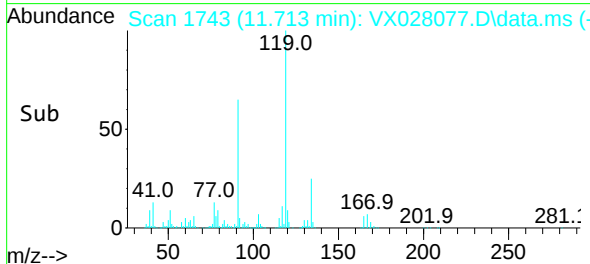
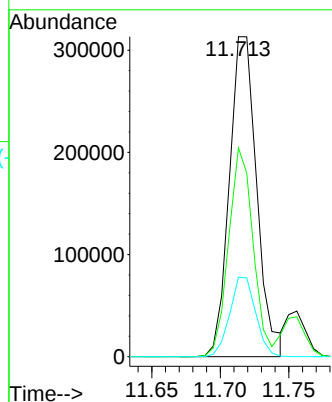
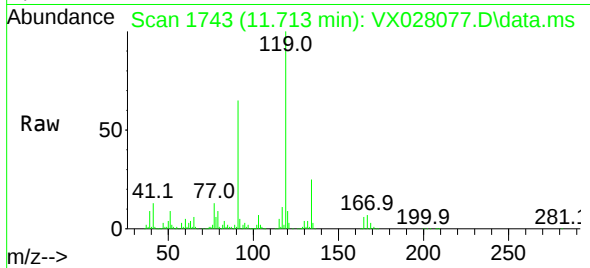




#83  
 tert-Butylbenzene  
 Concen: 47.913 ug/l  
 RT: 11.713 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX028077.D  
 Acq: 12 Apr 2022 23:22

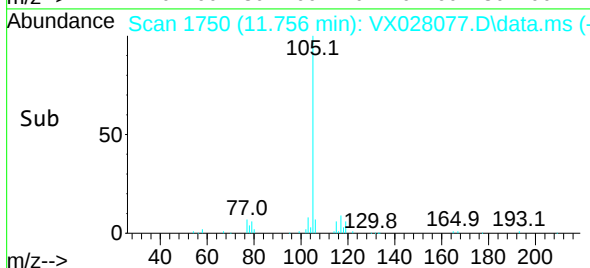
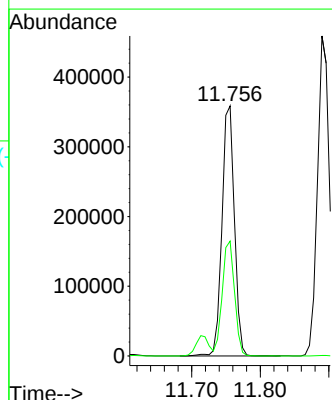
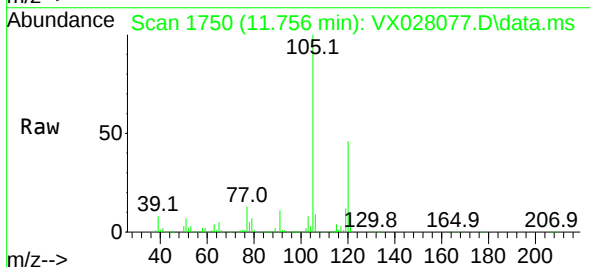
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

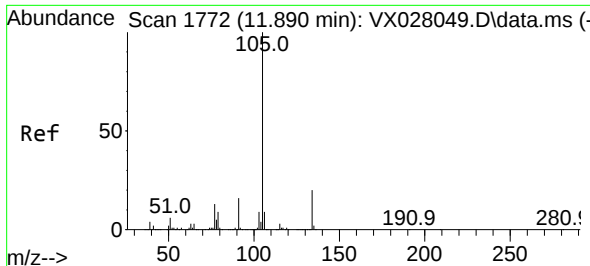
Tgt Ion:119 Resp: 436169  
 Ion Ratio Lower Upper  
 119 100  
 91 58.1 26.9 80.6  
 134 23.5 11.4 34.2



#84  
 1,2,4-Trimethylbenzene  
 Concen: 48.779 ug/l  
 RT: 11.756 min Scan# 1750  
 Delta R.T. -0.000 min  
 Lab File: VX028077.D  
 Acq: 12 Apr 2022 23:22

Tgt Ion:105 Resp: 449336  
 Ion Ratio Lower Upper  
 105 100  
 120 45.4 22.6 67.8

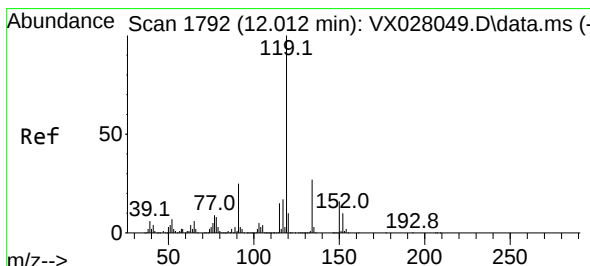
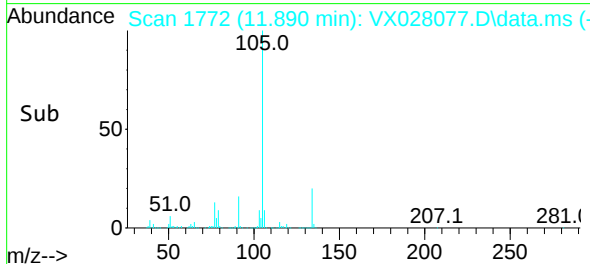
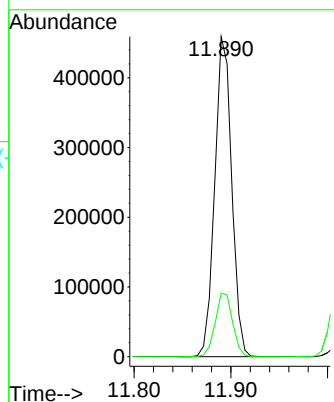
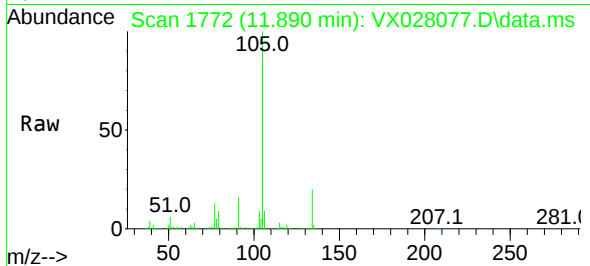




#85  
 sec-Butylbenzene  
 Concen: 47.906 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX028077.D  
 Acq: 12 Apr 2022 23:22

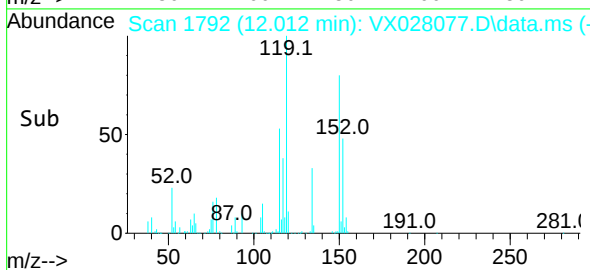
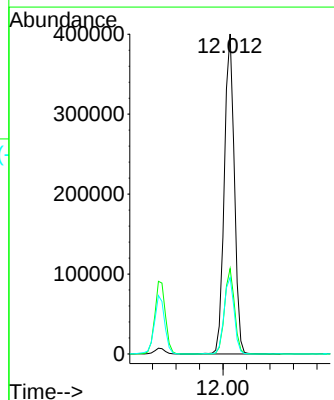
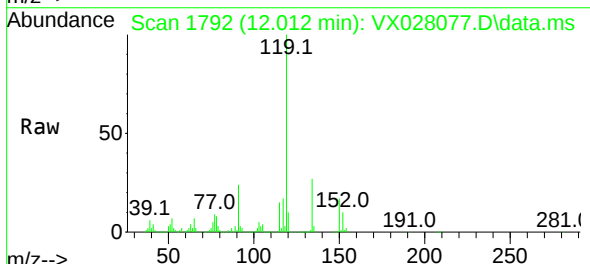
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

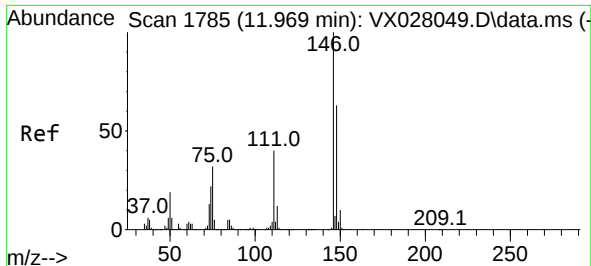
Tgt Ion:105 Resp: 556607  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 48.057 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. -0.000 min  
 Lab File: VX028077.D  
 Acq: 12 Apr 2022 23:22

Tgt Ion:119 Resp: 473126  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.0 39.0  
 91 24.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 47.618 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

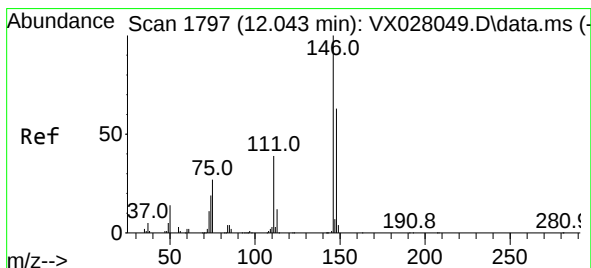
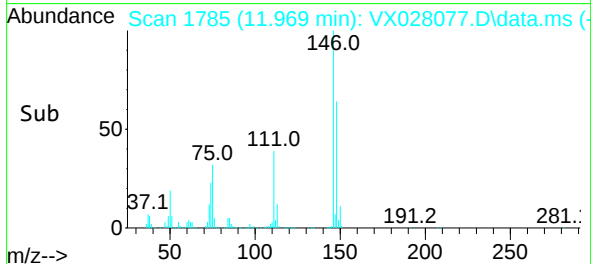
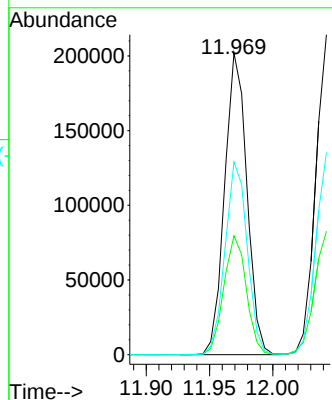
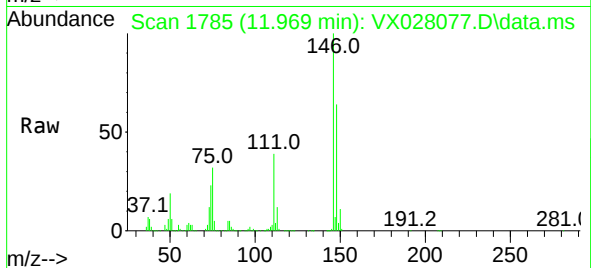
Tgt Ion:146 Resp: 246884

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.1

148 63.8 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 47.050 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

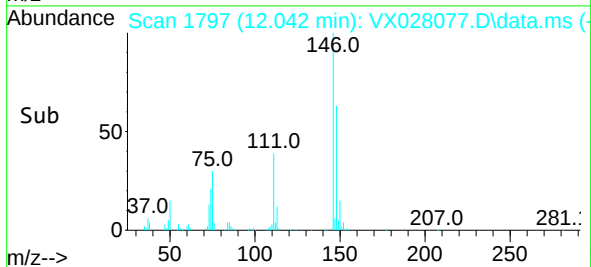
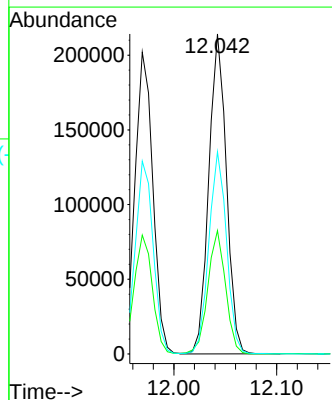
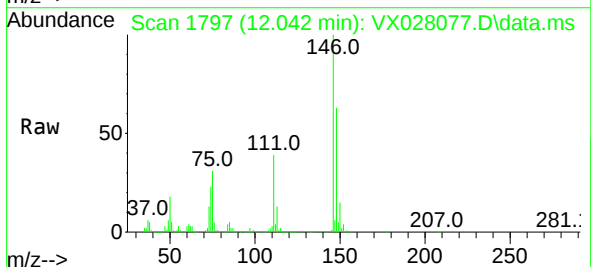
Tgt Ion:146 Resp: 255893

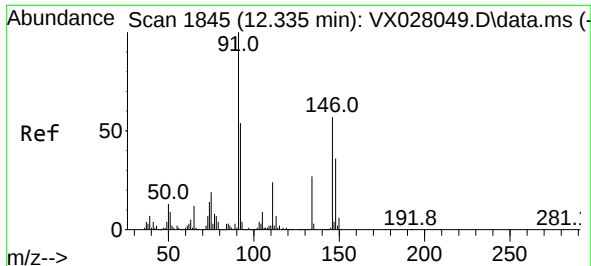
Ion Ratio Lower Upper

146 100

111 38.8 19.2 57.6

148 63.8 32.3 96.9

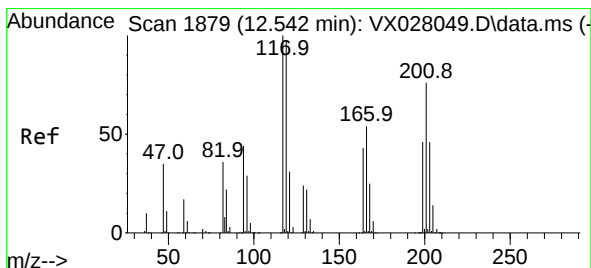
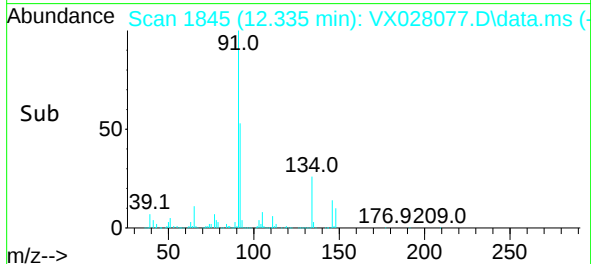
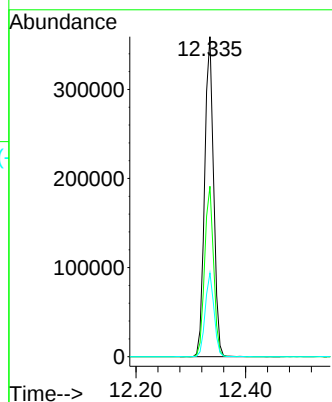
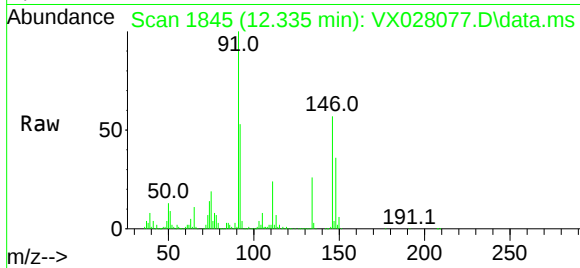




#89  
n-Butylbenzene  
Concen: 48.456 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

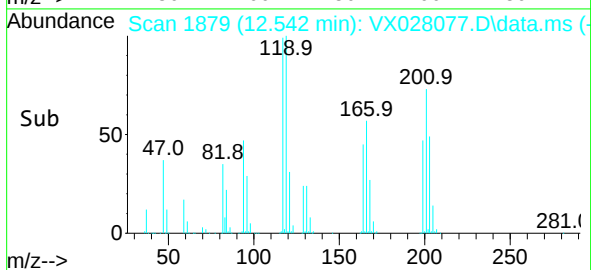
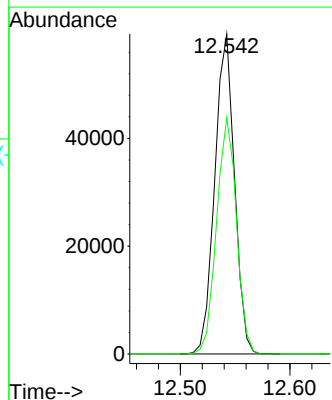
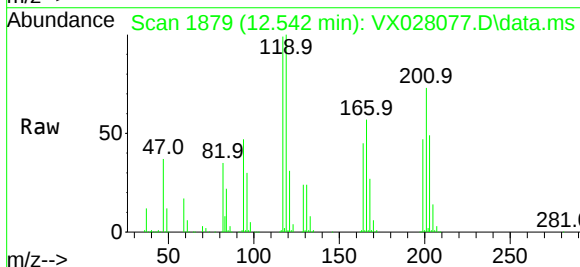
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

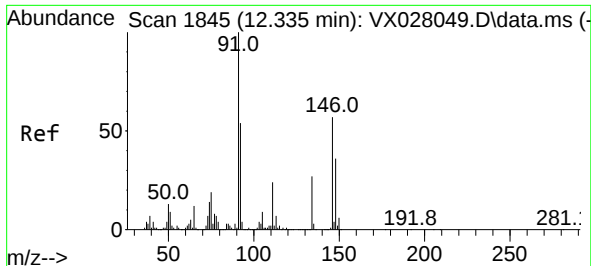
Tgt Ion: 91 Resp: 408331  
Ion Ratio Lower Upper  
91 100  
92 53.2 27.8 83.3  
134 25.7 13.3 39.8



#90  
Hexachloroethane  
Concen: 44.897 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX028077.D  
Acq: 12 Apr 2022 23:22

Tgt Ion: 117 Resp: 74267  
Ion Ratio Lower Upper  
117 100  
201 74.5 39.5 118.5





#91

1,2-Dichlorobenzene

Concen: 48.632 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

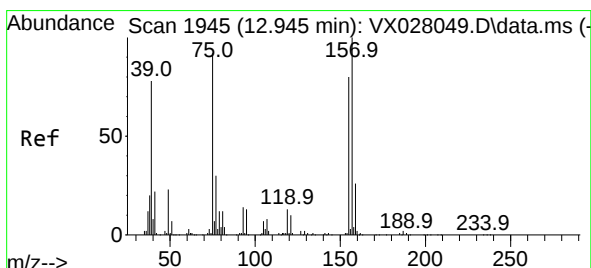
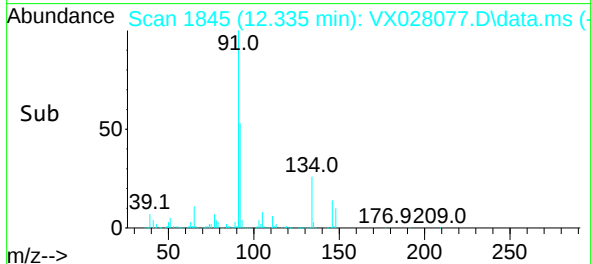
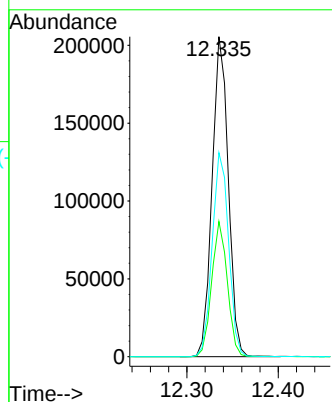
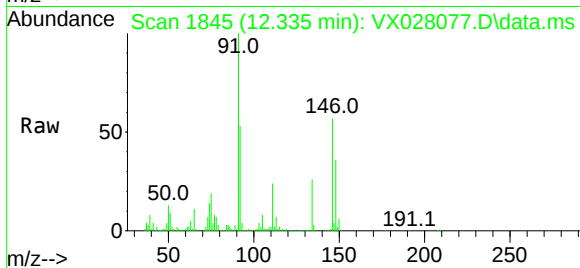
Tgt Ion:146 Resp: 251942

Ion Ratio Lower Upper

146 100

111 40.9 21.0 63.0

148 64.8 32.6 97.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.172 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

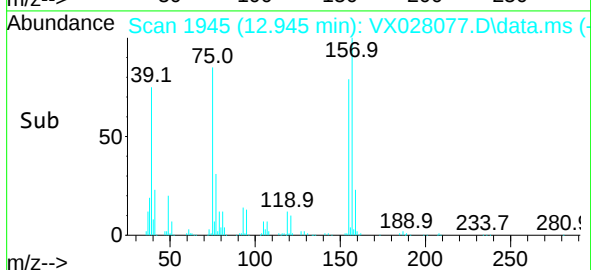
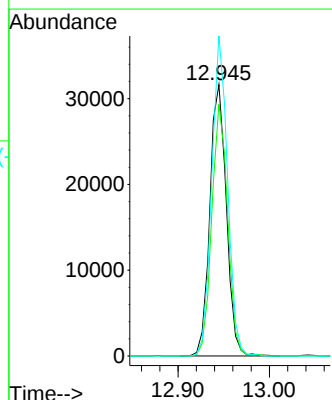
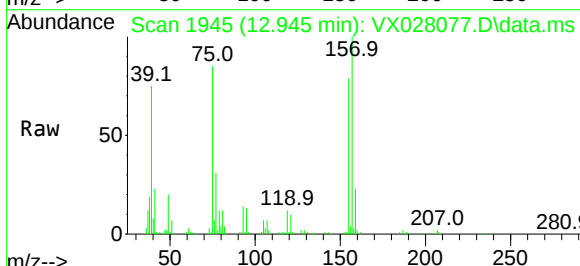
Tgt Ion: 75 Resp: 39490

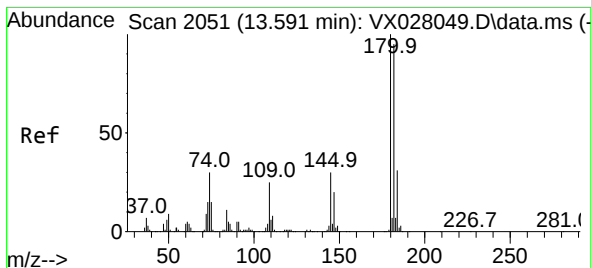
Ion Ratio Lower Upper

75 100

155 89.7 47.0 141.2

157 113.4 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 51.134 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

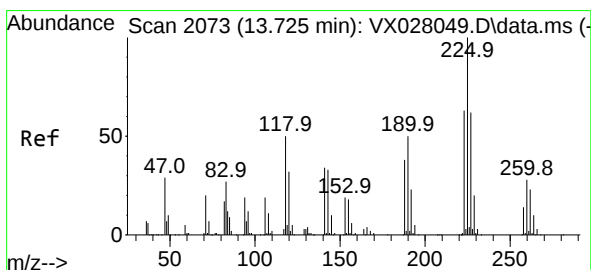
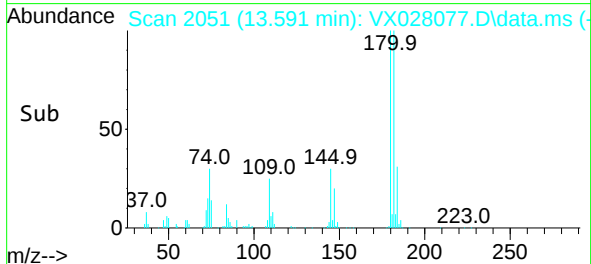
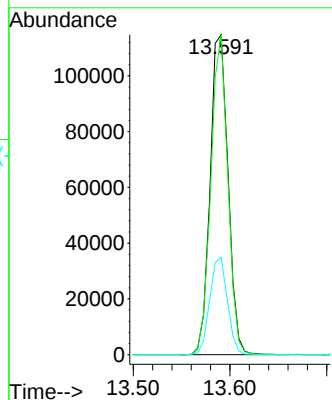
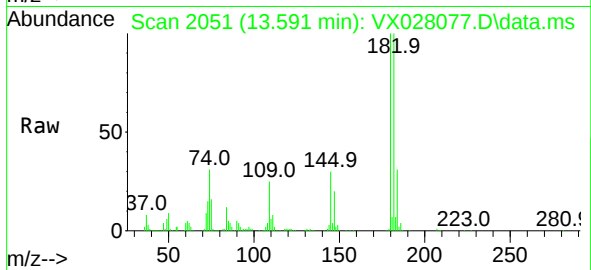
Tgt Ion:180 Resp: 148131

Ion Ratio Lower Upper

180 100

182 94.6 47.7 143.1

145 30.0 15.2 45.5



#94

Hexachlorobutadiene

Concen: 49.320 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

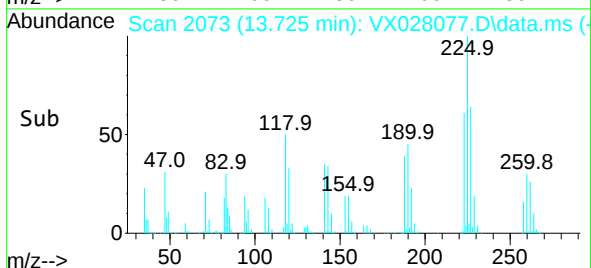
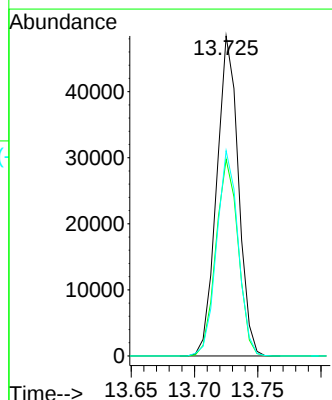
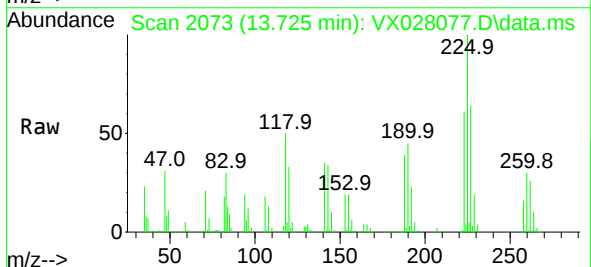
Tgt Ion:225 Resp: 57652

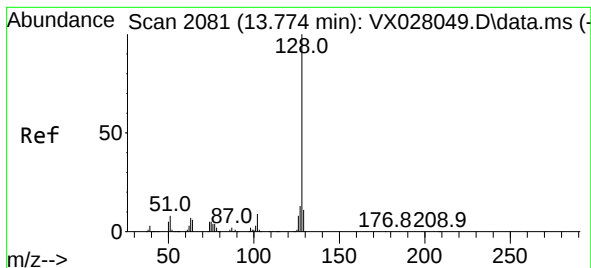
Ion Ratio Lower Upper

225 100

223 62.6 34.2 102.5

227 63.4 33.9 101.7





#95

Naphthalene

Concen: 51.877 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

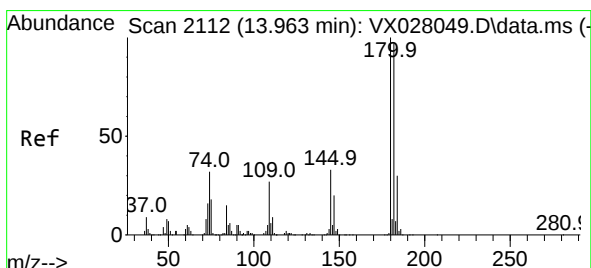
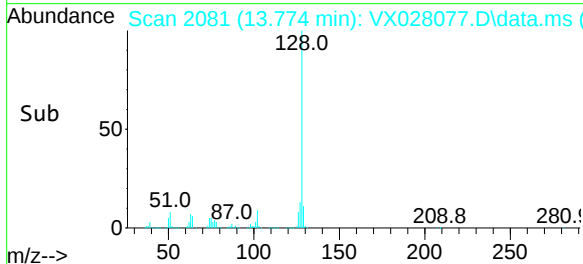
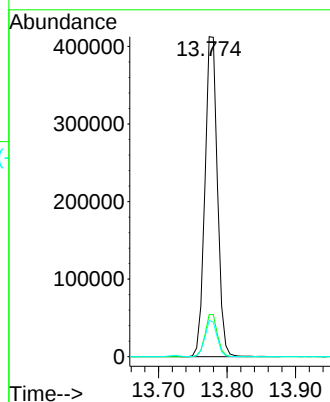
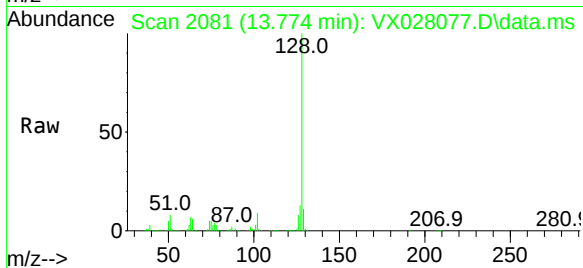
Tgt Ion:128 Resp: 524870

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.529 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX028077.D

Acq: 12 Apr 2022 23:22

Tgt Ion:180 Resp: 147729

Ion Ratio Lower Upper

180 100

182 94.3 50.0 149.8

145 32.1 16.2 48.5

