

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080322\  
 Data File : VX030361.D  
 Acq On : 03 Aug 2022 11:14  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Aug 03 15:50:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072522W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 25 16:49:17 2022  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |          | Response | Conc    | Units    | Dev(Min) |
|------------------------------|-----------|----------|----------|---------|----------|----------|
| -----                        |           |          |          |         |          |          |
| Internal Standards           |           |          |          |         |          |          |
| 1) Pentafluorobenzene        | 5.556     | 168      | 92906    | 50.000  | ug/l     | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.763     | 114      | 158234   | 50.000  | ug/l     | 0.00     |
| 63) Chlorobenzene-d5         | 10.055    | 117      | 161681   | 50.000  | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152      | 111602   | 50.000  | ug/l     | 0.00     |
| System Monitoring Compounds  |           |          |          |         |          |          |
| 33) 1,2-Dichloroethane-d4    | 5.958     | 65       | 100879   | 54.022  | ug/l     | 0.00     |
| Spiked Amount 50.000         | Range     | 74 - 125 | Recovery | =       | 108.040% |          |
| 35) Dibromofluoromethane     | 5.391     | 113      | 76312    | 50.450  | ug/l     | 0.00     |
| Spiked Amount 50.000         | Range     | 75 - 124 | Recovery | =       | 100.900% |          |
| 50) Toluene-d8               | 8.653     | 98       | 276020   | 47.119  | ug/l     | 0.00     |
| Spiked Amount 50.000         | Range     | 86 - 113 | Recovery | =       | 94.240%  |          |
| 62) 4-Bromofluorobenzene     | 11.085    | 95       | 110877   | 51.001  | ug/l     | 0.00     |
| Spiked Amount 50.000         | Range     | 83 - 123 | Recovery | =       | 102.000% |          |
| Target Compounds             |           |          |          |         |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166     | 85       | 81533    | 53.482  | ug/l     | 96       |
| 3) Chloromethane             | 1.288     | 50       | 64102    | 42.521  | ug/l     | 99       |
| 4) Vinyl Chloride            | 1.374     | 62       | 74479    | 48.949  | ug/l     | 97       |
| 5) Bromomethane              | 1.599     | 94       | 35567    | 68.814  | ug/l     | 99       |
| 6) Chloroethane              | 1.672     | 64       | 47639    | 54.528  | ug/l     | 100      |
| 7) Trichlorofluoromethane    | 1.880     | 101      | 124662   | 62.186  | ug/l     | 98       |
| 8) Diethyl Ether             | 2.136     | 74       | 44613    | 56.831  | ug/l     | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325     | 101      | 77514    | 52.205  | ug/l     | 98       |
| 10) Methyl Iodide            | 2.447     | 142      | 63896    | 44.334  | ug/l     | # 90     |
| 11) Tert butyl alcohol       | 2.989     | 59       | 141745   | 311.185 | ug/l     | 100      |
| 12) 1,1-Dichloroethene       | 2.313     | 96       | 68111    | 46.930  | ug/l     | 87       |
| 13) Acrolein                 | 2.239     | 56       | 21458    | 191.665 | ug/l     | 99       |
| 14) Allyl chloride           | 2.660     | 41       | 145832   | 48.694  | ug/l     | 94       |
| 15) Acrylonitrile            | 3.069     | 53       | 269282   | 239.226 | ug/l     | 96       |
| 16) Acetone                  | 2.386     | 43       | 253784   | 265.455 | ug/l     | 90       |
| 17) Carbon Disulfide         | 2.508     | 76       | 162793   | 41.553  | ug/l     | 98       |
| 18) Methyl Acetate           | 2.709     | 43       | 143763   | 50.839  | ug/l     | 96       |
| 19) Methyl tert-butyl Ether  | 3.117     | 73       | 282205   | 56.765  | ug/l     | 95       |
| 20) Methylene Chloride       | 2.788     | 84       | 81958    | 50.015  | ug/l     | 95       |
| 21) trans-1,2-Dichloroethene | 3.087     | 96       | 76047    | 47.472  | ug/l     | 91       |
| 22) Diisopropyl ether        | 3.764     | 45       | 304221   | 53.688  | ug/l     | 95       |
| 23) Vinyl Acetate            | 3.727     | 43       | 1339179  | 272.446 | ug/l     | 97       |
| 24) 1,1-Dichloroethane       | 3.611     | 63       | 153698   | 51.045  | ug/l     | 100      |
| 25) 2-Butanone               | 4.562     | 43       | 414661   | 258.106 | ug/l     | 94       |
| 26) 2,2-Dichloropropane      | 4.477     | 77       | 138754   | 63.728  | ug/l     | 92       |
| 27) cis-1,2-Dichloroethene   | 4.489     | 96       | 92429    | 49.066  | ug/l     | 90       |
| 28) Bromochloromethane       | 4.898     | 49       | 67207    | 52.833  | ug/l     | 98       |
| 29) Tetrahydrofuran          | 5.013     | 42       | 265782   | 245.878 | ug/l     | 95       |
| 30) Chloroform               | 5.093     | 83       | 163508   | 54.845  | ug/l     | 98       |
| 31) Cyclohexane              | 5.471     | 56       | 126786   | 46.763  | ug/l     | 94       |
| 32) 1,1,1-Trichloroethane    | 5.379     | 97       | 141928   | 58.567  | ug/l     | 99       |
| 36) 1,1-Dichloropropene      | 5.690     | 75       | 111738   | 51.330  | ug/l     | 95       |
| 37) Ethyl Acetate            | 4.715     | 43       | 156034   | 50.616  | ug/l     | 96       |
| 38) Carbon Tetrachloride     | 5.678     | 117      | 122234   | 60.148  | ug/l     | 98       |
| 39) Methylcyclohexane        | 7.379     | 83       | 131763   | 46.893  | ug/l     | 96       |
| 40) Benzene                  | 6.038     | 78       | 331096   | 48.342  | ug/l     | 97       |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Aug 03 15:50:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072522W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 25 16:49:17 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 85035    | 51.460  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 135537   | 57.270  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 247726   | 54.818  | ug/l   | 95       |
| 44) Trichloroethene           | 7.123  | 130  | 91310    | 48.791  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 90844    | 49.730  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 64469    | 51.896  | ug/l   | 93       |
| 47) Bromodichloromethane      | 7.824  | 83   | 132714   | 58.767  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 121842   | 54.778  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 7.671  | 88   | 49519    | 963.899 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 835525   | 272.342 | ug/l   | 96       |
| 52) Toluene                   | 8.720  | 92   | 209751   | 50.196  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 144457   | 59.341  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 147151   | 55.470  | ug/l # | 90       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 90640    | 50.946  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 153991   | 54.751  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 150592   | 51.278  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 397201   | 284.558 | ug/l   | 97       |
| 59) 2-Hexanone                | 9.433  | 43   | 664685   | 274.616 | ug/l   | 94       |
| 60) Dibromochloromethane      | 9.525  | 129  | 100556   | 61.055  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 98019    | 52.762  | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.275  | 164  | 89167    | 51.227  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 227426   | 51.783  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 87985    | 58.932  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 425550   | 50.514  | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.305 | 106  | 318354   | 107.002 | ug/l   | 89       |
| 69) o-Xylene                  | 10.646 | 106  | 156480   | 53.363  | ug/l   | 88       |
| 70) Styrene                   | 10.659 | 104  | 271615   | 56.379  | ug/l   | 94       |
| 71) Bromoform                 | 10.799 | 173  | 71523    | 65.162  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 427288   | 49.044  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.848 | 43   | 230443   | 54.422  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 148950   | 46.709  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 186863   | 63.521  | ug/l   | 86       |
| 77) Bromobenzene              | 11.201 | 156  | 97444    | 47.652  | ug/l   | 94       |
| 78) n-propylbenzene           | 11.305 | 91   | 523016   | 50.297  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 311165   | 47.386  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 373263   | 51.165  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 51340    | 52.355  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 368789   | 51.402  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 351690   | 52.011  | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 382753   | 52.589  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 479055   | 51.762  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 414577   | 55.991  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 203369   | 51.137  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 210312   | 51.949  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.335 | 91   | 402694   | 58.416  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.542 | 117  | 76633    | 60.111  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 209041   | 53.552  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 48498    | 63.410  | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 129253   | 57.098  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 53263    | 58.599  | ug/l   | 98       |
| 95) Naphthalene               | 13.780 | 128  | 509955   | 57.672  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 135855   | 58.518  | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

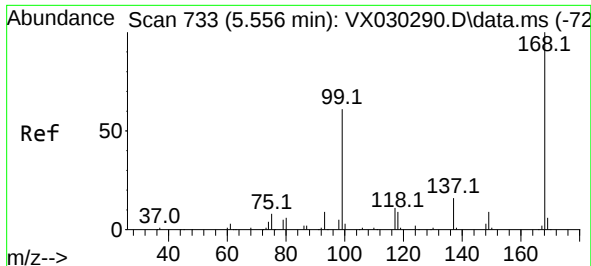
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072522W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 25 16:49:17 2022  
Response via : Initial Calibration

| 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\82X072522W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration

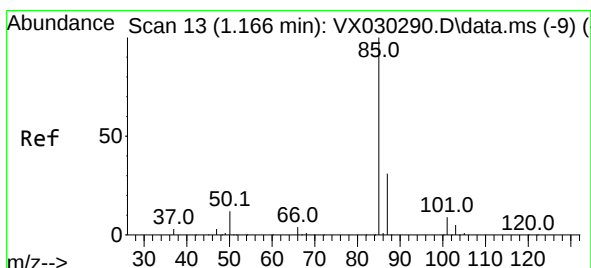
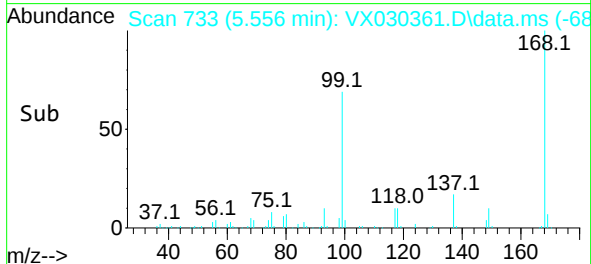
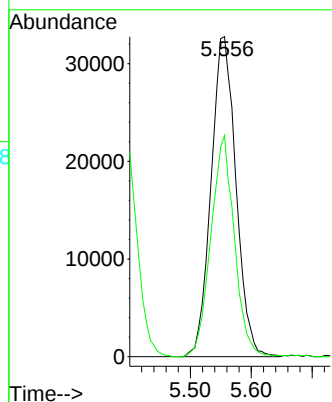
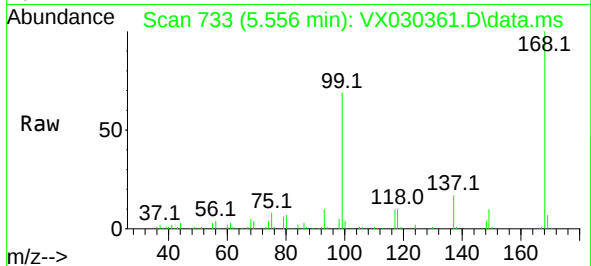




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

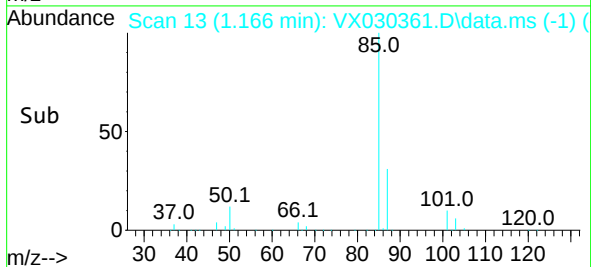
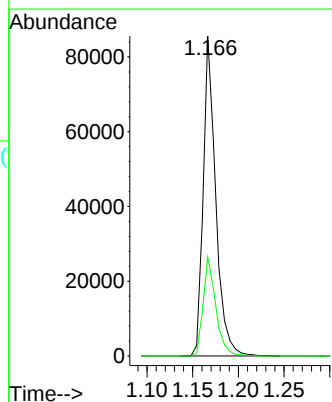
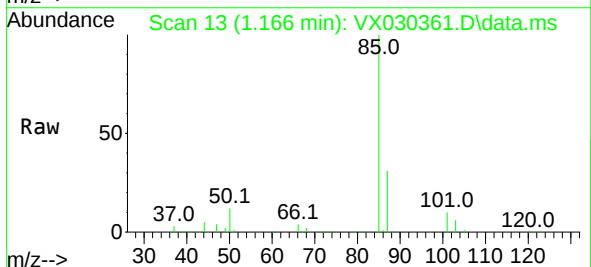
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

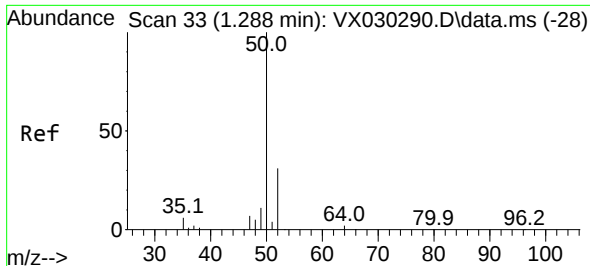
Tgt Ion:168 Resp: 92906  
Ion Ratio Lower Upper  
168 100  
99 69.1 44.0 66.0#



#2  
Dichlorodifluoromethane  
Concen: 53.482 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 85 Resp: 81533  
Ion Ratio Lower Upper  
85 100  
87 31.0 16.5 49.5

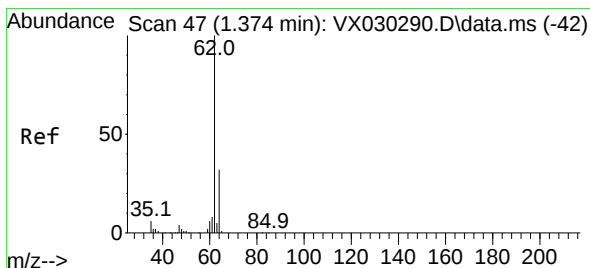
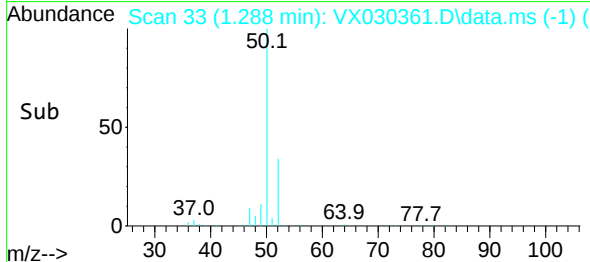
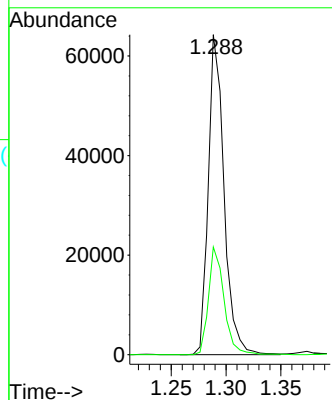
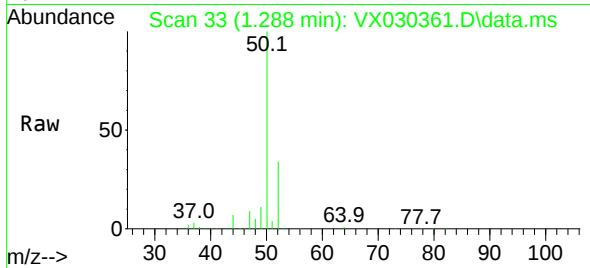




#3  
Chloromethane  
Concen: 42.521 ug/l  
RT: 1.288 min Scan# 33  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

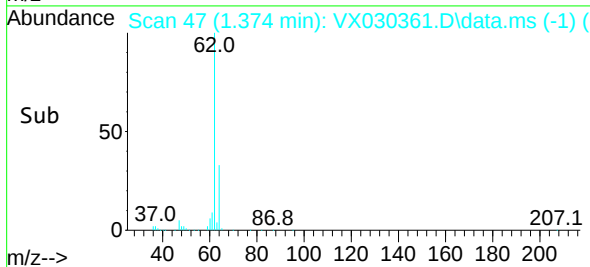
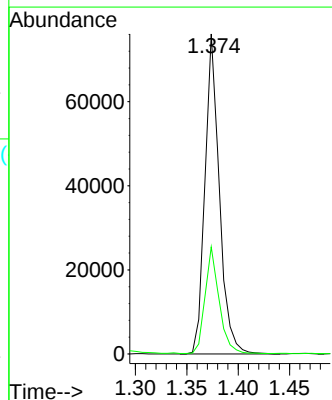
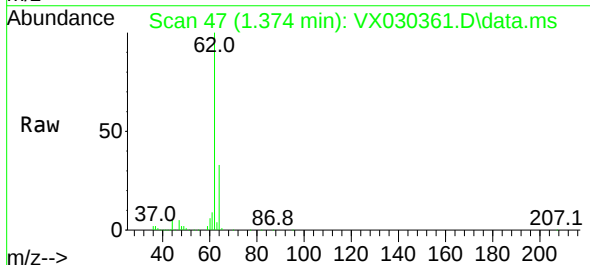
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

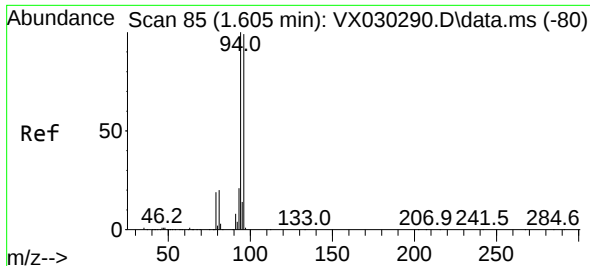
Tgt Ion: 50 Resp: 64102  
Ion Ratio Lower Upper  
50 100  
52 33.6 26.3 39.5



#4  
Vinyl Chloride  
Concen: 48.949 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 62 Resp: 74479  
Ion Ratio Lower Upper  
62 100  
64 33.3 25.2 37.8

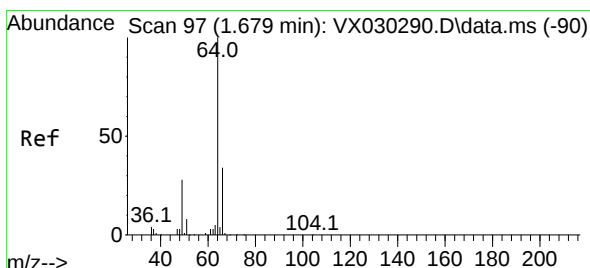
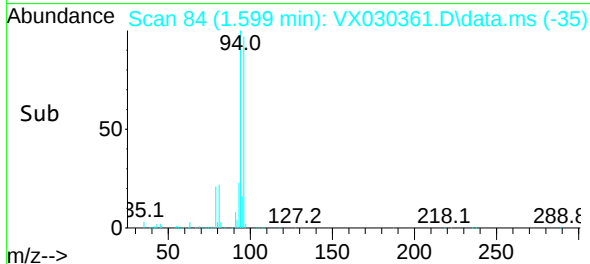
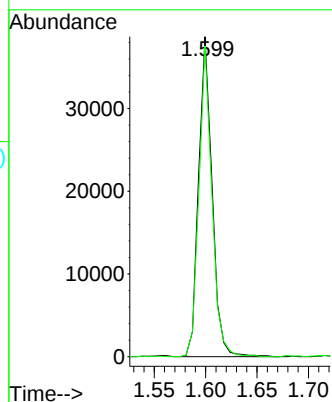
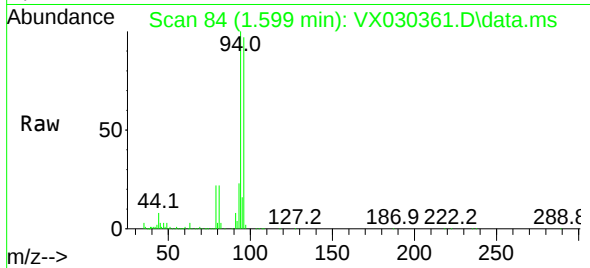




#5  
Bromomethane  
Concen: 68.814 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

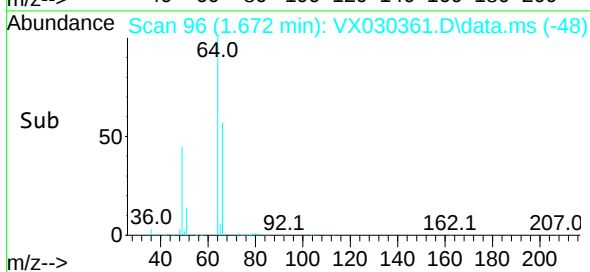
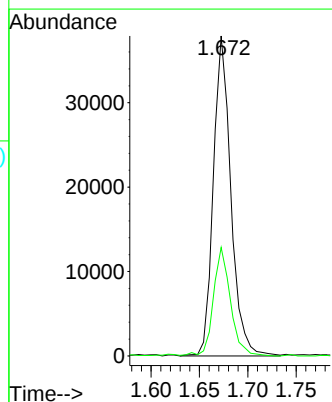
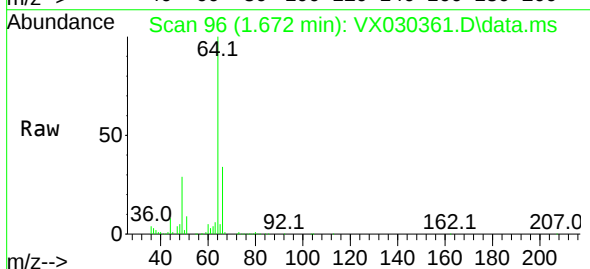
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

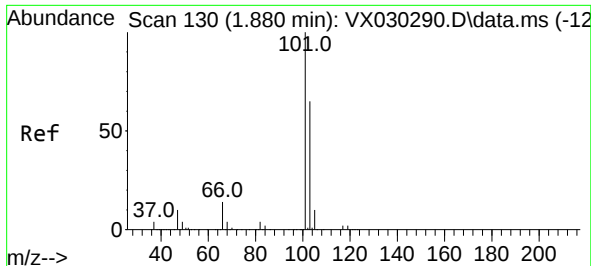
Tgt Ion: 94 Resp: 35567  
Ion Ratio Lower Upper  
94 100  
96 97.1 76.9 115.3



#6  
Chloroethane  
Concen: 54.528 ug/l  
RT: 1.672 min Scan# 96  
Delta R.T. -0.006 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 64 Resp: 47639  
Ion Ratio Lower Upper  
64 100  
66 33.9 27.2 40.8

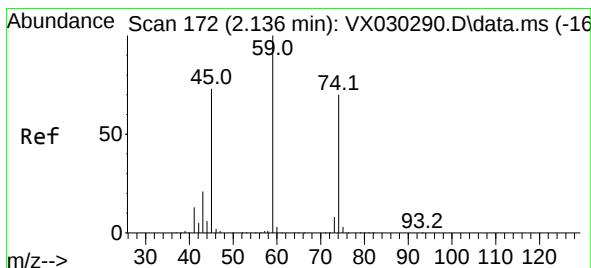
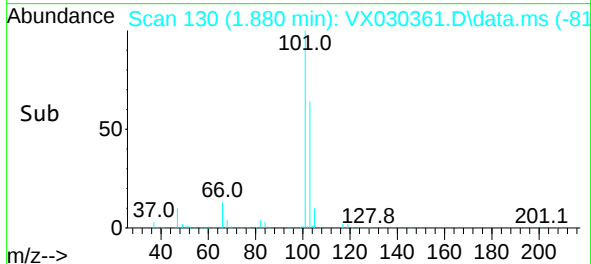
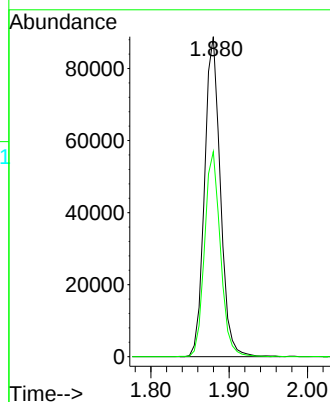
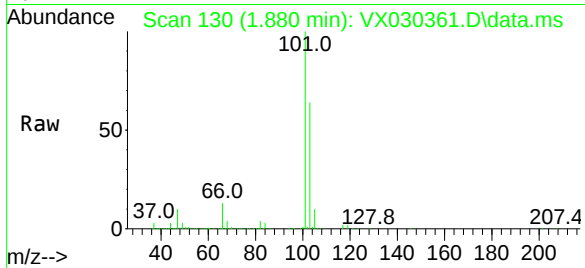




#7  
 Trichlorofluoromethane  
 Concen: 62.186 ug/l  
 RT: 1.880 min Scan# 11  
 Delta R.T. 0.001 min  
 Lab File: VX030361.D  
 Acq: 03 Aug 2022 11:14

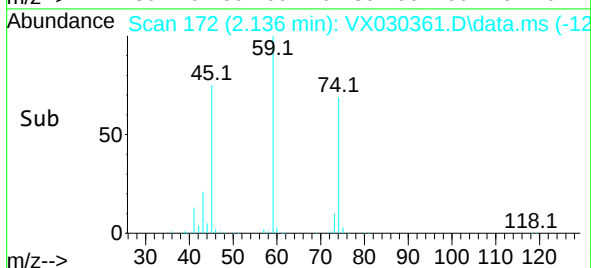
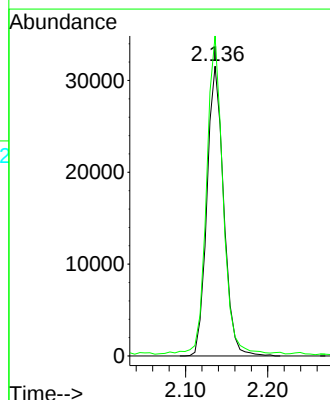
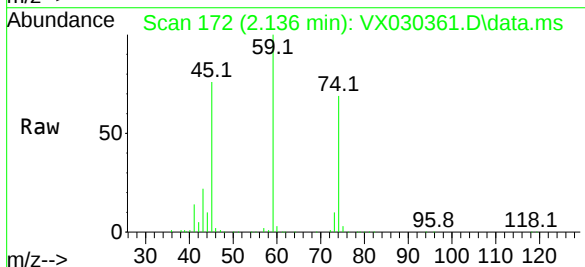
Instrument :  
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 ClientSampleId :  
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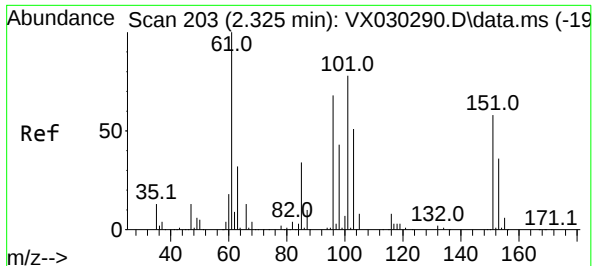
Tgt Ion:101 Resp: 124662  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 49.7 74.5



#8  
 Diethyl Ether  
 Concen: 56.831 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.001 min  
 Lab File: VX030361.D  
 Acq: 03 Aug 2022 11:14

Tgt Ion: 74 Resp: 44613  
 Ion Ratio Lower Upper  
 74 100  
 45 108.0 51.5 154.7

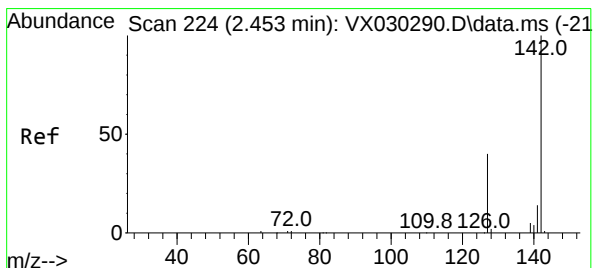
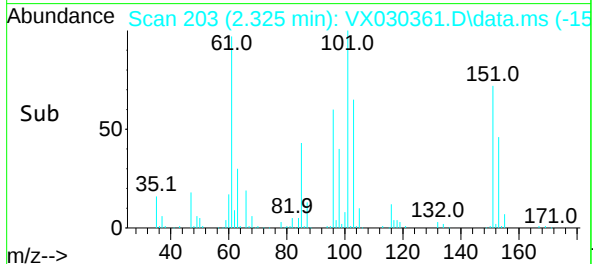
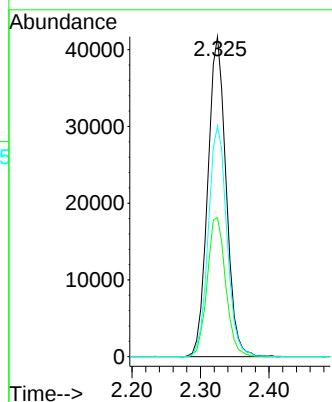
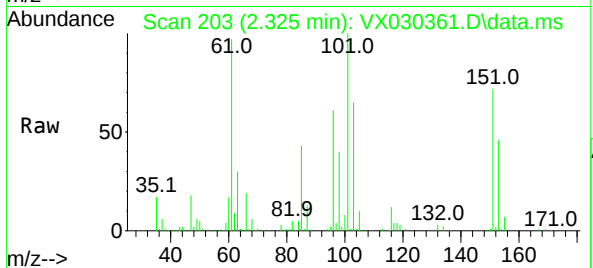




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.205 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

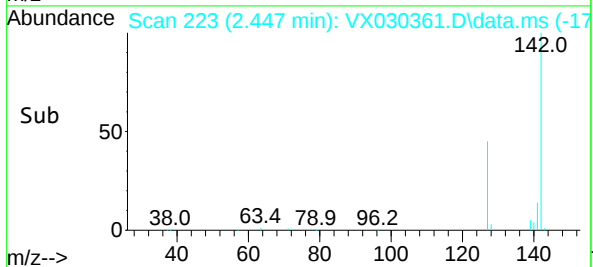
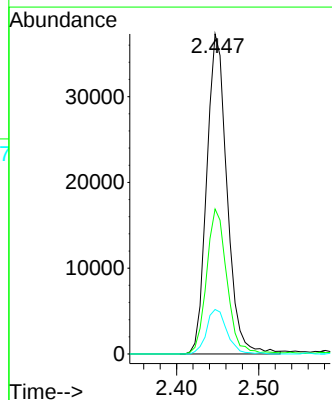
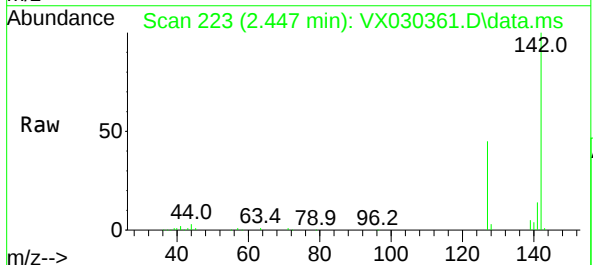
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

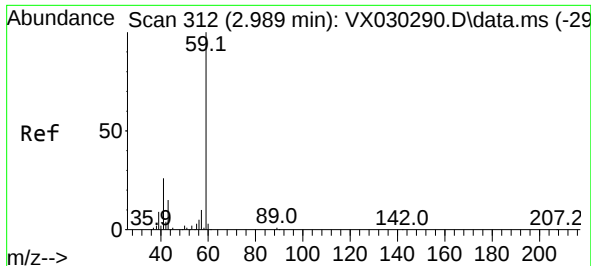
Tgt Ion:101 Resp: 77514  
Ion Ratio Lower Upper  
101 100  
85 44.0 34.0 51.0  
151 73.0 59.4 89.0



#10  
Methyl Iodide  
Concen: 44.334 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion:142 Resp: 63896  
Ion Ratio Lower Upper  
142 100  
127 45.6 30.2 45.2#  
141 14.1 11.3 16.9

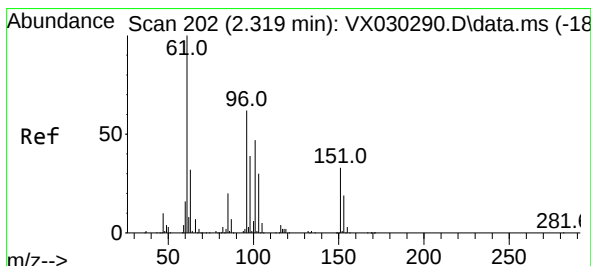
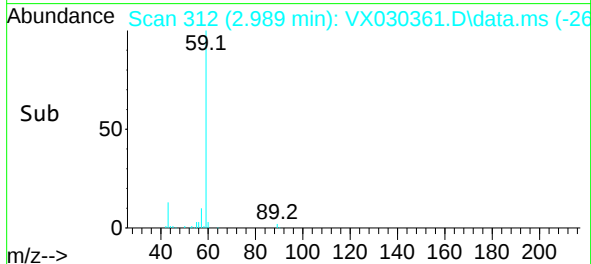
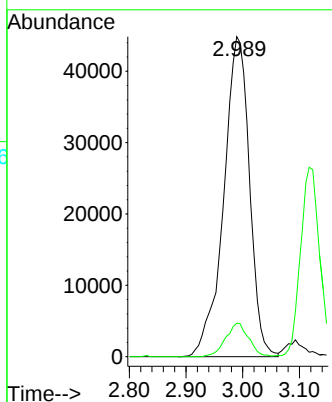
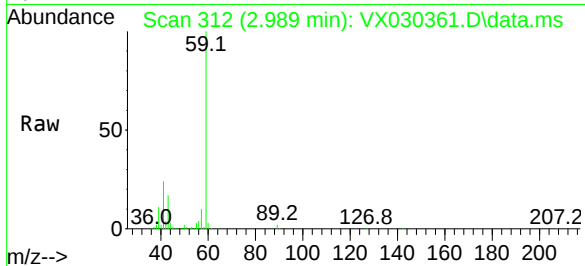




#11  
Tert butyl alcohol  
Concen: 311.185 ug/l  
RT: 2.989 min Scan# 311  
Delta R.T. 0.012 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

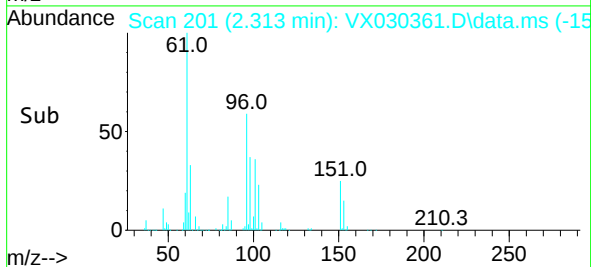
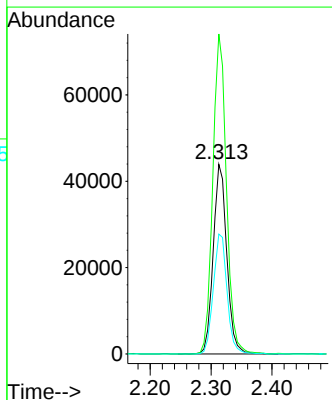
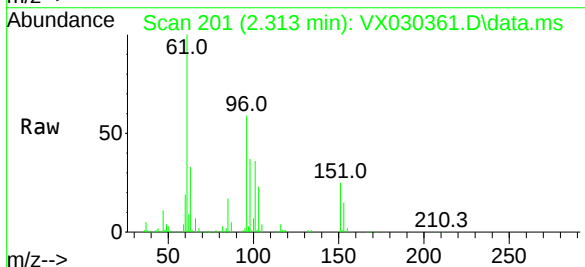
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

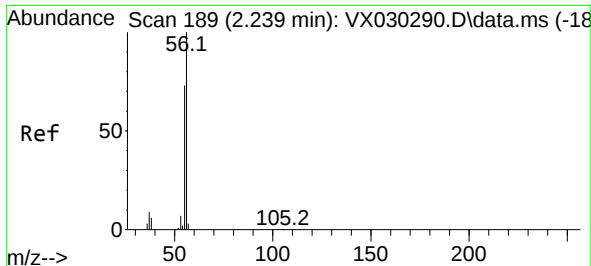
Tgt Ion: 59 Resp: 141745  
Ion Ratio Lower Upper  
59 100  
57 9.4 7.4 11.2



#12  
1,1-Dichloroethene  
Concen: 46.930 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. -0.005 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 96 Resp: 68111  
Ion Ratio Lower Upper  
96 100  
61 168.7 117.4 176.0  
98 63.2 52.2 78.4

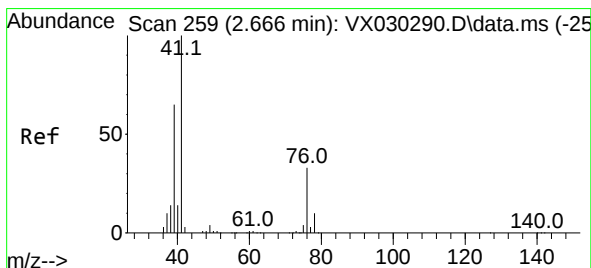
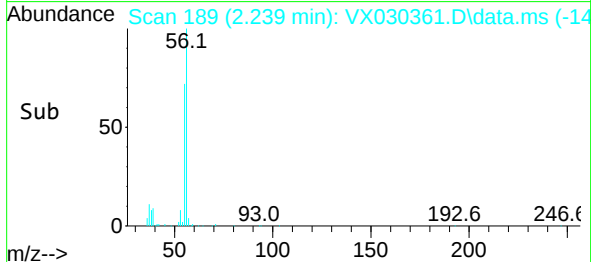
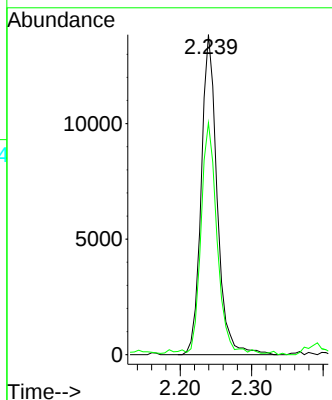
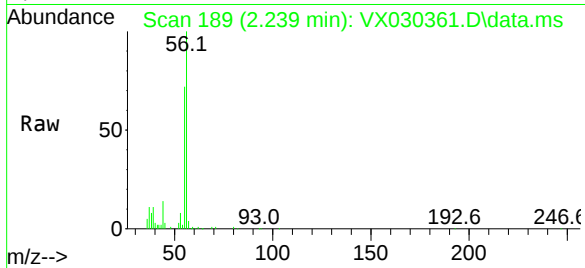




#13  
Acrolein  
Concen: 191.665 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

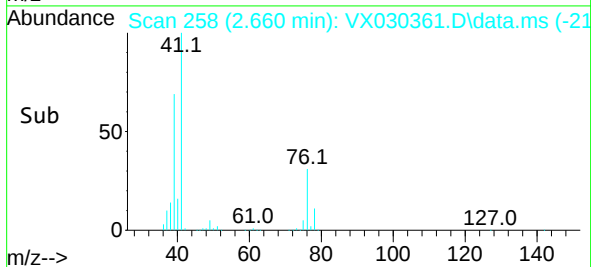
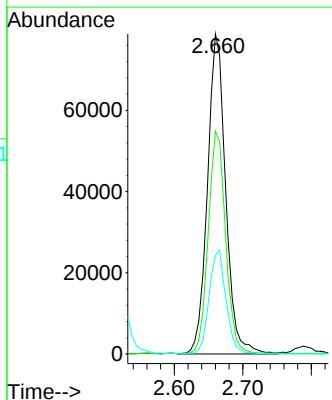
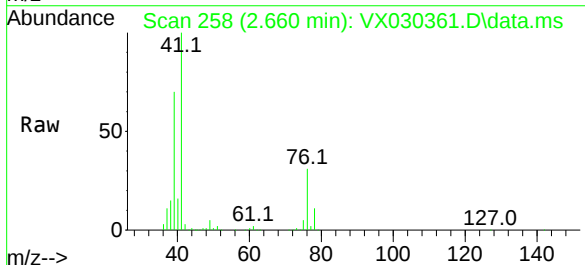
Instrument :  
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ClientSampleId :  
VSTDCCC050

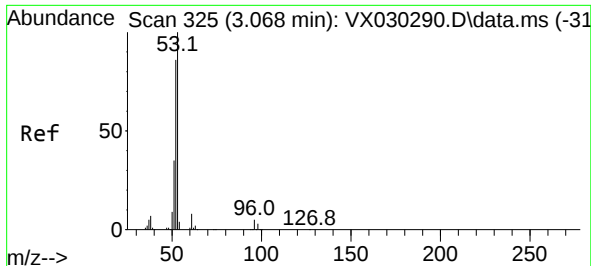
Tgt Ion: 56 Resp: 21458  
Ion Ratio Lower Upper  
56 100  
55 71.9 56.6 84.8



#14  
Allyl chloride  
Concen: 48.694 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.006 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 41 Resp: 145832  
Ion Ratio Lower Upper  
41 100  
39 66.1 48.9 73.3  
76 30.2 26.9 40.3

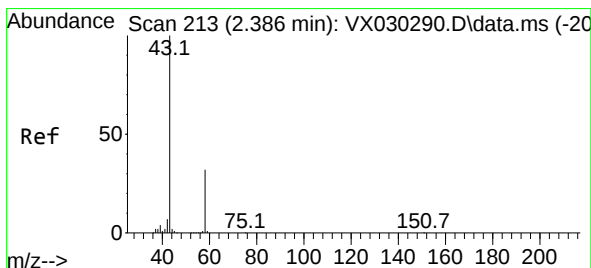
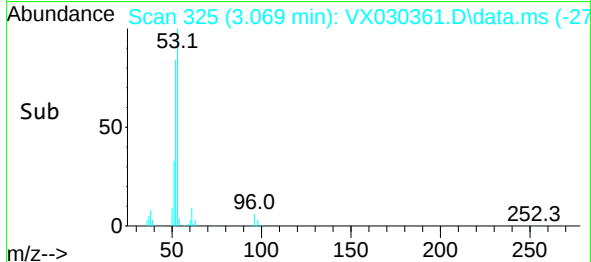
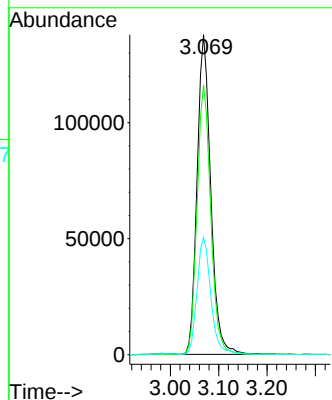
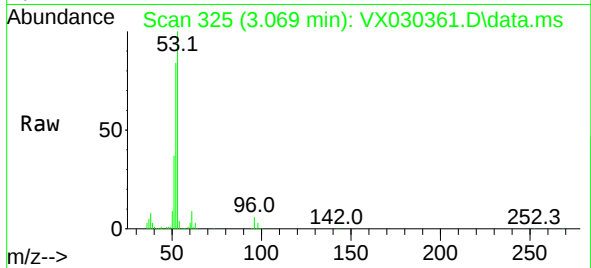




#15  
Acrylonitrile  
Concen: 239.226 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

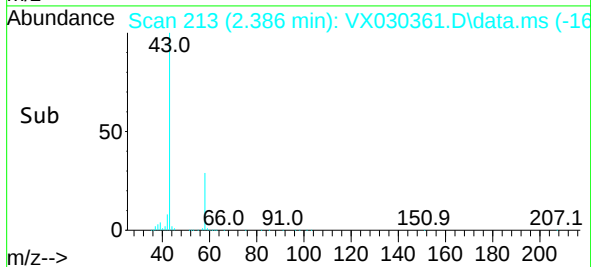
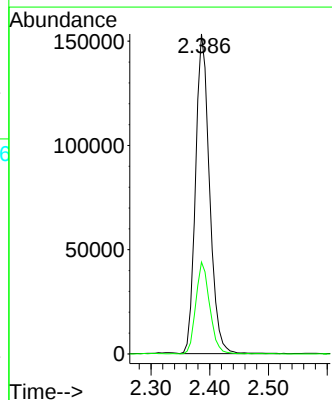
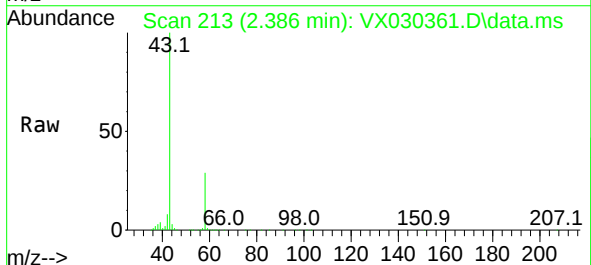
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

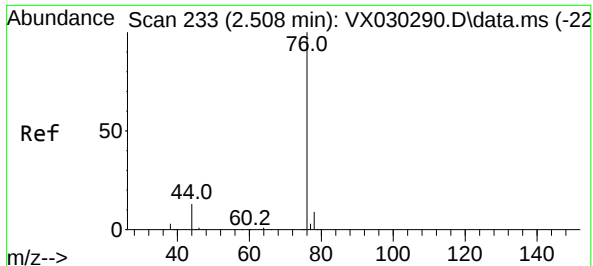
Tgt Ion: 53 Resp: 269282  
Ion Ratio Lower Upper  
53 100  
52 84.9 65.4 98.0  
51 37.1 27.7 41.5



#16  
Acetone  
Concen: 265.455 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 43 Resp: 253784  
Ion Ratio Lower Upper  
43 100  
58 28.7 27.7 41.5

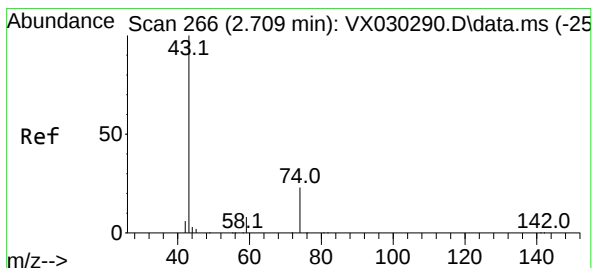
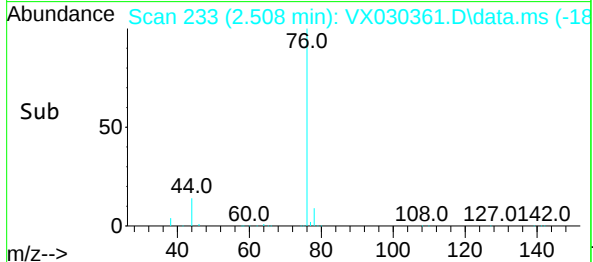
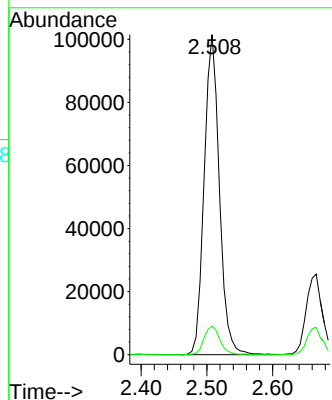
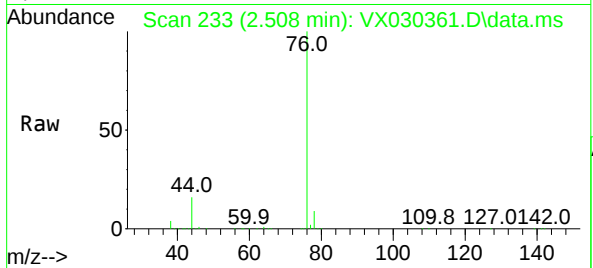




#17  
Carbon Disulfide  
Concen: 41.553 ug/l  
RT: 2.508 min Scan# 211  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

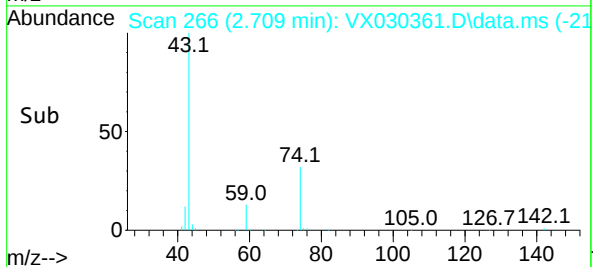
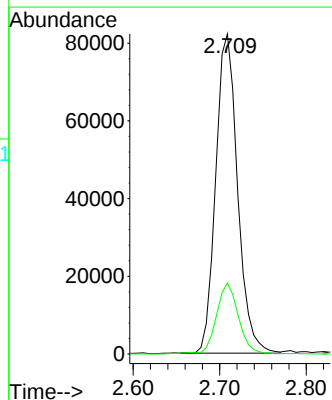
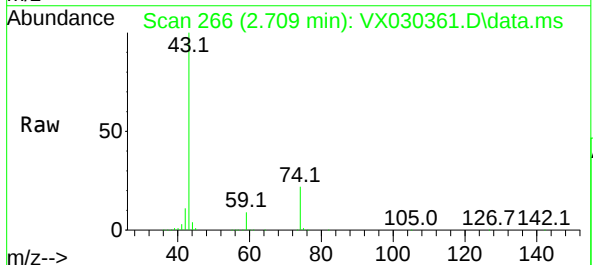
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

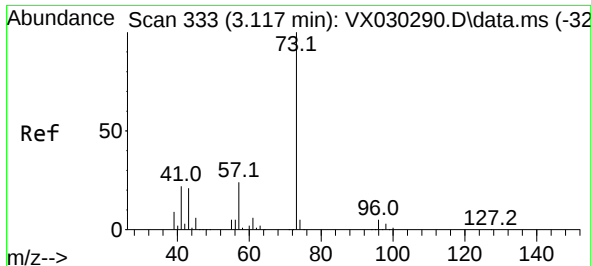
Tgt Ion: 76 Resp: 162793  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.8 11.6



#18  
Methyl Acetate  
Concen: 50.839 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 43 Resp: 143763  
Ion Ratio Lower Upper  
43 100  
74 22.5 19.4 29.2

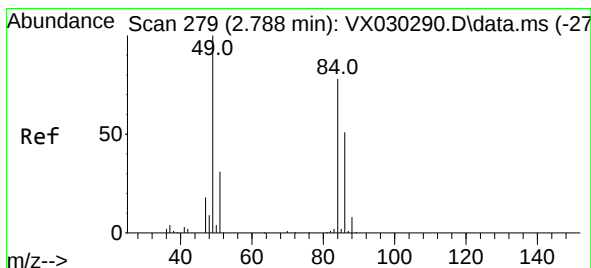
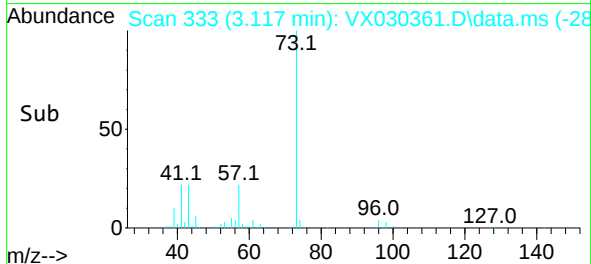
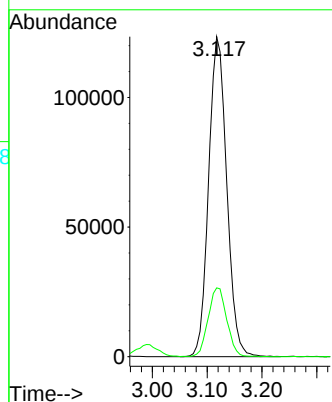
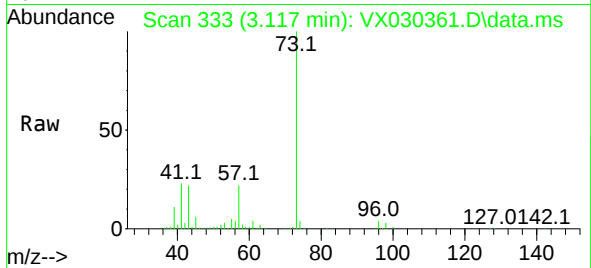




#19  
Methyl tert-butyl Ether  
Concen: 56.765 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

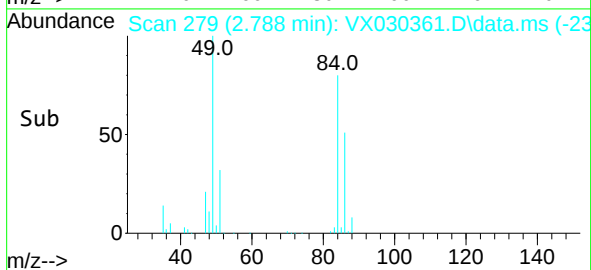
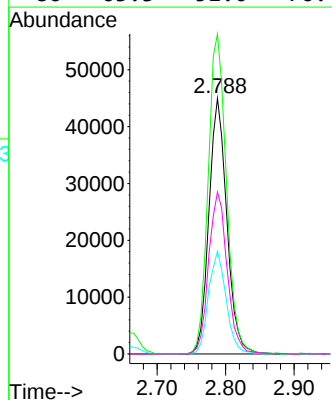
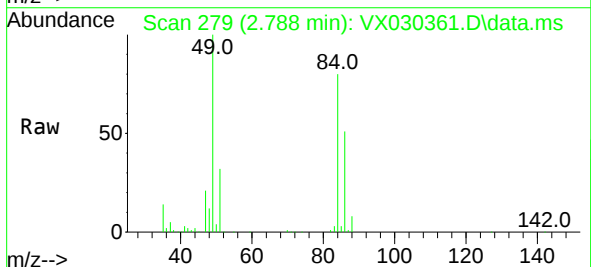
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ClientSampleId :  
VSTDCCC050

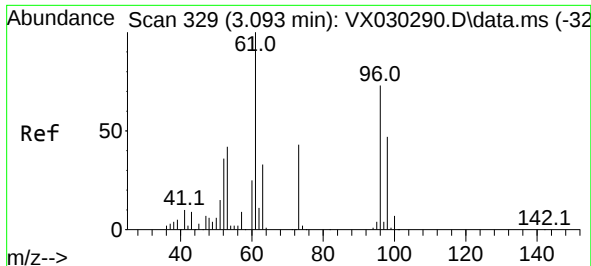
Tgt Ion: 73 Resp: 282205  
Ion Ratio Lower Upper  
73 100  
57 21.5 19.0 28.6



#20  
Methylene Chloride  
Concen: 50.015 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 84 Resp: 81958  
Ion Ratio Lower Upper  
84 100  
49 125.1 93.8 140.6  
51 40.2 29.4 44.0  
86 63.3 51.0 76.4

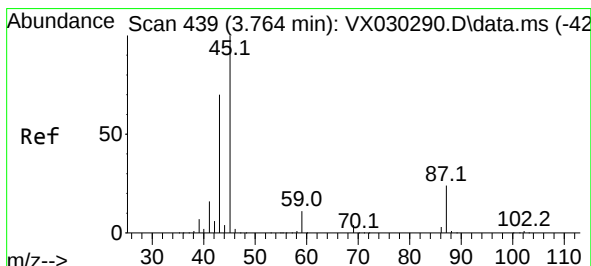
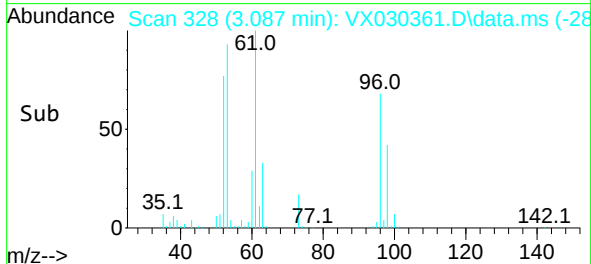
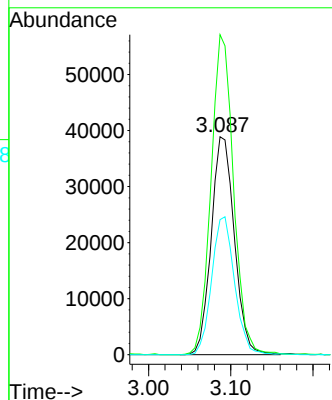
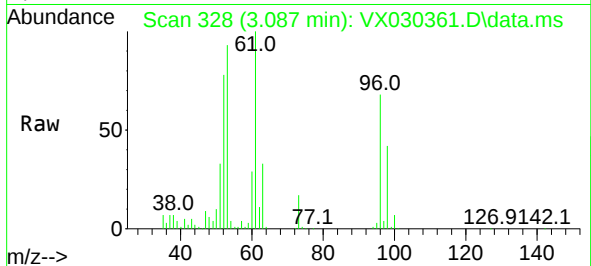




#21  
trans-1,2-Dichloroethene  
Concen: 47.472 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

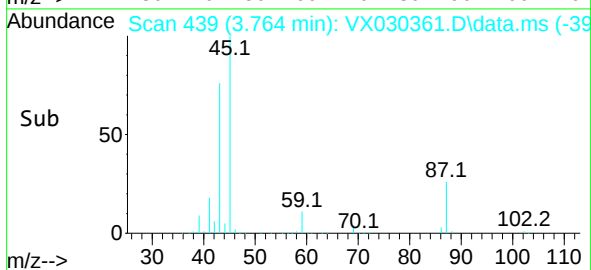
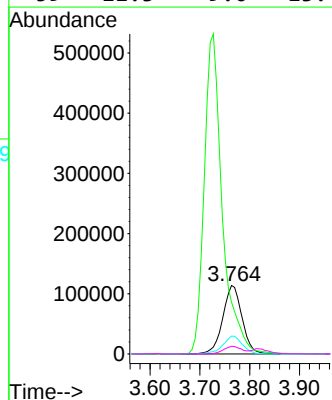
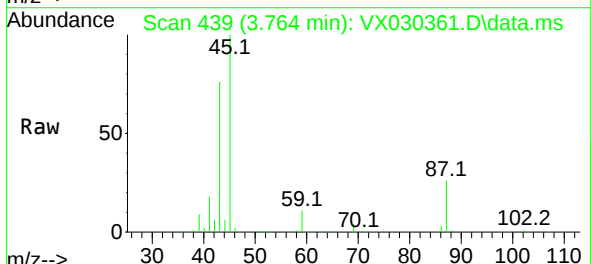
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ClientSampleId :  
VSTDCCC050

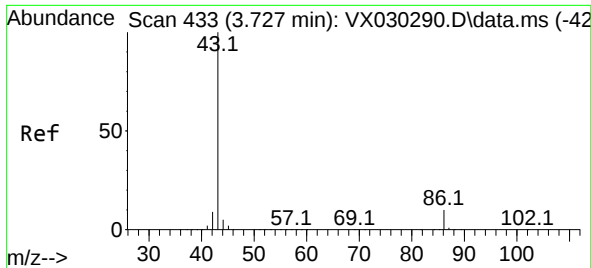
Tgt Ion: 96 Resp: 76047  
Ion Ratio Lower Upper  
96 100  
61 146.9 105.6 158.4  
98 62.0 50.1 75.1



#22  
Diisopropyl ether  
Concen: 53.688 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. -0.005 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 45 Resp: 304221  
Ion Ratio Lower Upper  
45 100  
43 75.5 65.4 98.0  
87 26.2 22.3 33.5  
59 11.3 9.0 13.4

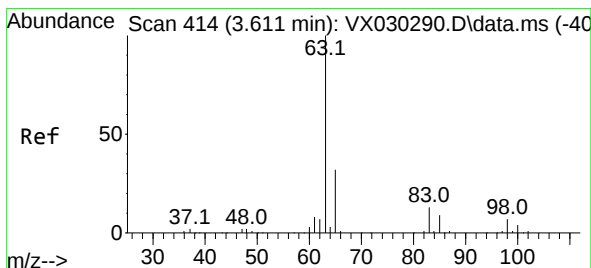
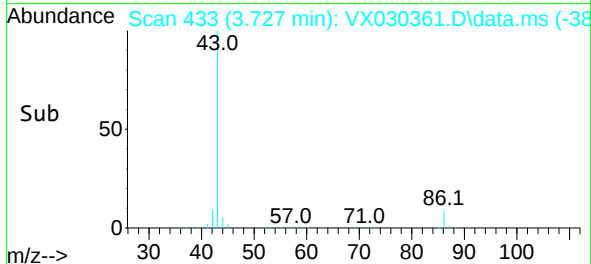
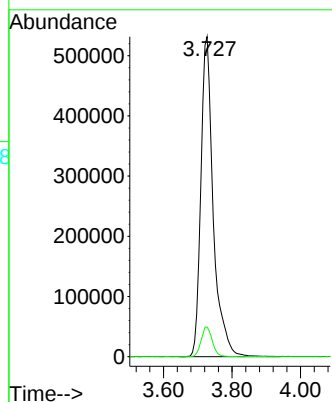
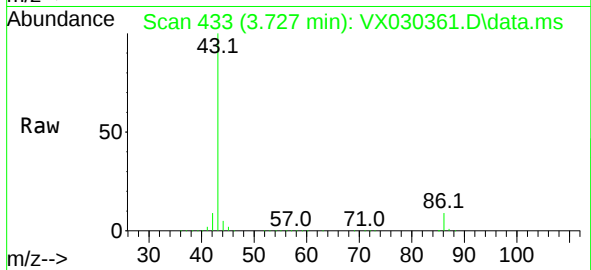




#23  
 Vinyl Acetate  
 Concen: 272.446 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX030361.D  
 Acq: 03 Aug 2022 11:14

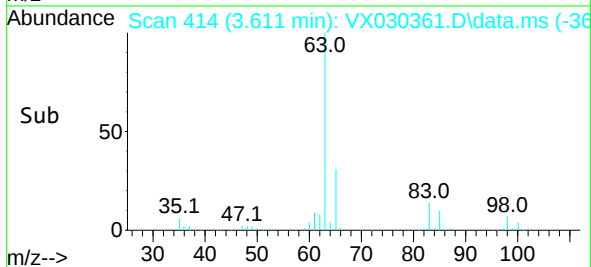
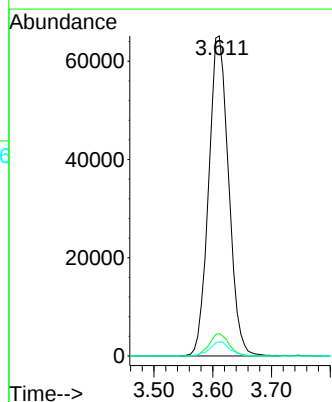
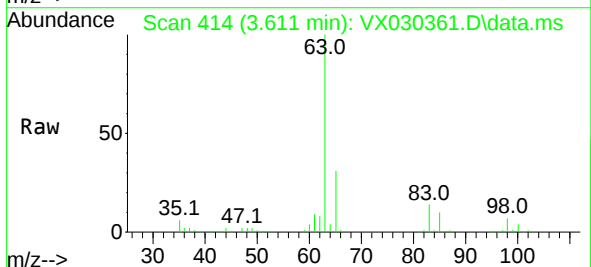
Instrument :  
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 ClientSampleId :  
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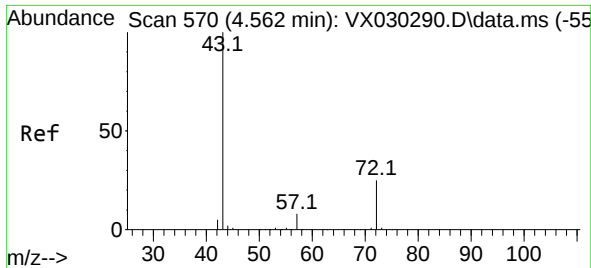
Tgt Ion: 43 Resp: 1339179  
 Ion Ratio Lower Upper  
 43 100  
 86 9.3 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 51.045 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX030361.D  
 Acq: 03 Aug 2022 11:14

Tgt Ion: 63 Resp: 153698  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.5 10.5  
 100 4.4 2.3 6.9

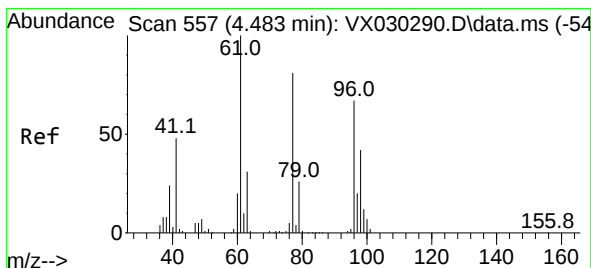
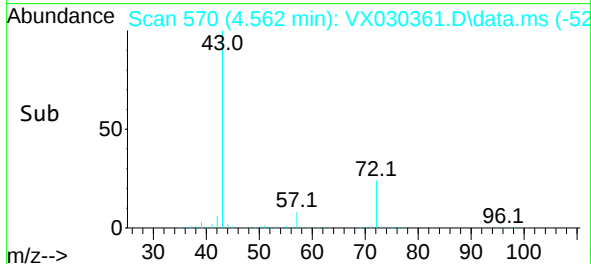
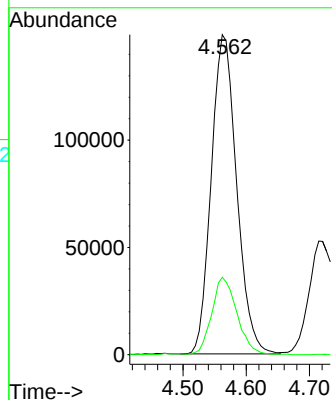
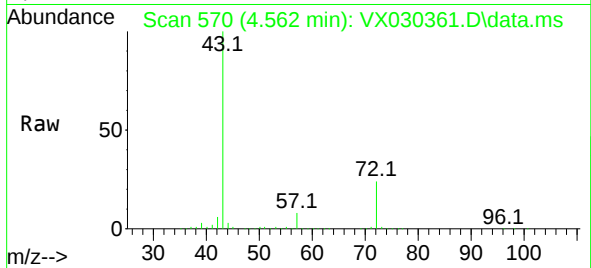




#25  
2-Butanone  
Concen: 258.106 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

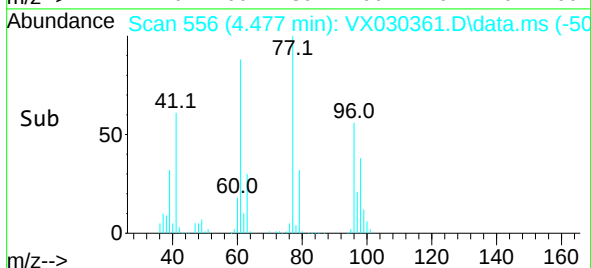
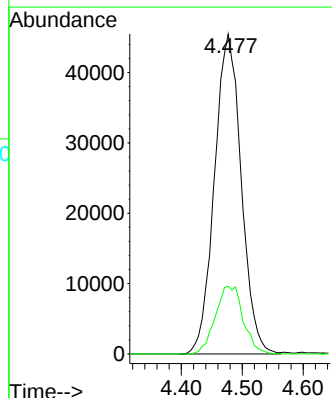
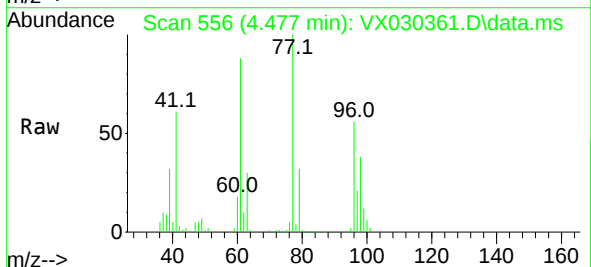
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

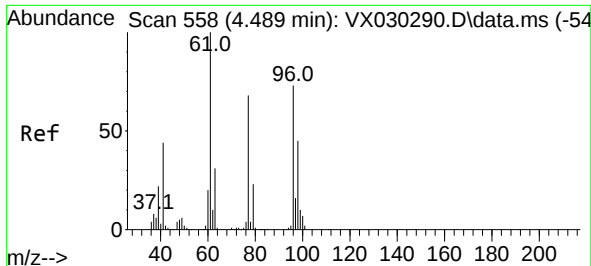
Tgt Ion: 43 Resp: 414661  
Ion Ratio Lower Upper  
43 100  
72 24.1 21.7 32.5



#26  
2,2-Dichloropropane  
Concen: 63.728 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 77 Resp: 138754  
Ion Ratio Lower Upper  
77 100  
97 22.0 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 49.066 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

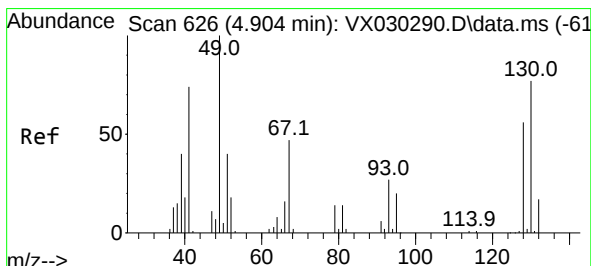
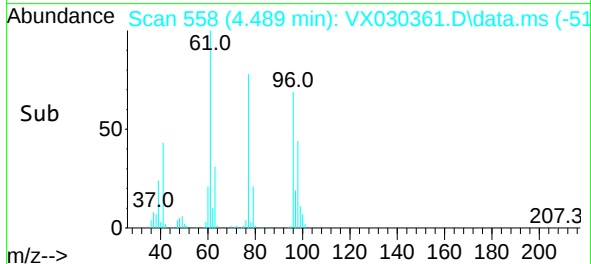
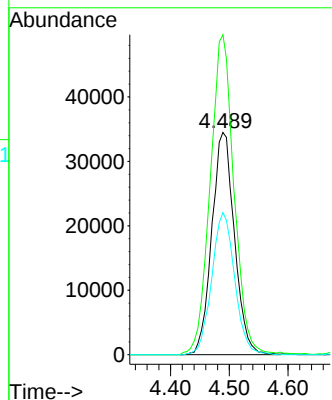
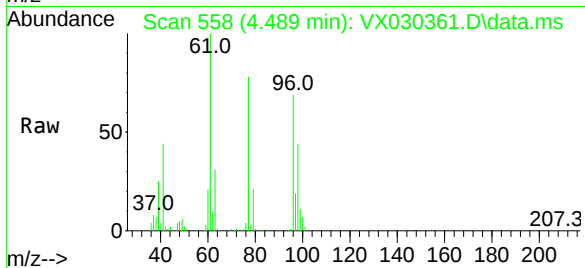
Tgt Ion: 96 Resp: 92429

Ion Ratio Lower Upper

96 100

61 151.3 0.0 270.0

98 64.8 0.0 127.8



#28

Bromochloromethane

Concen: 52.833 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.005 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

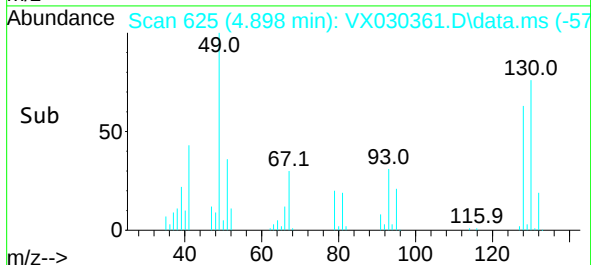
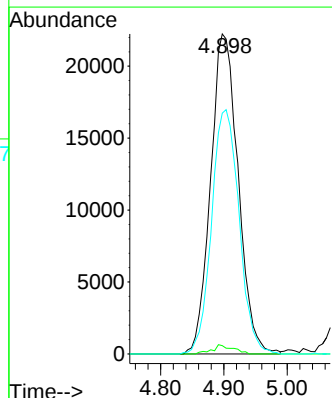
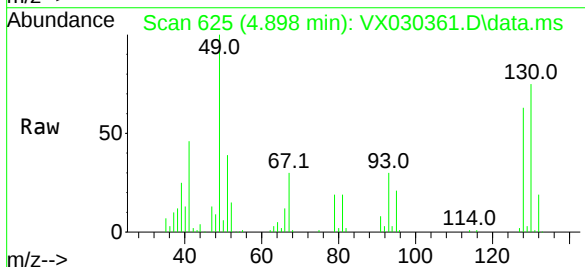
Tgt Ion: 49 Resp: 67207

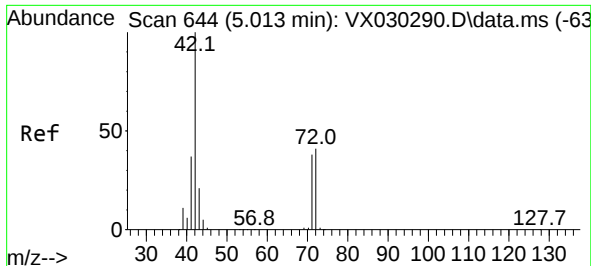
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 76.3 62.8 94.2





#29

Tetrahydrofuran

Concen: 245.878 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

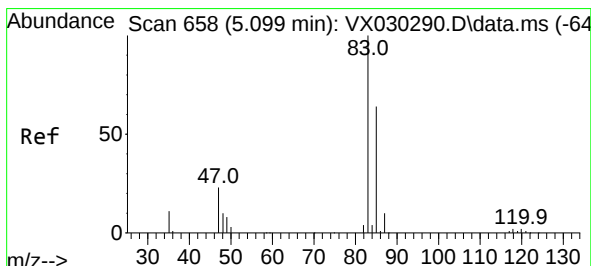
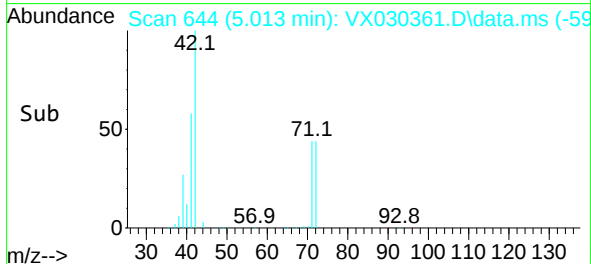
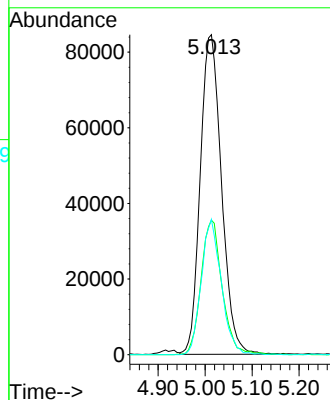
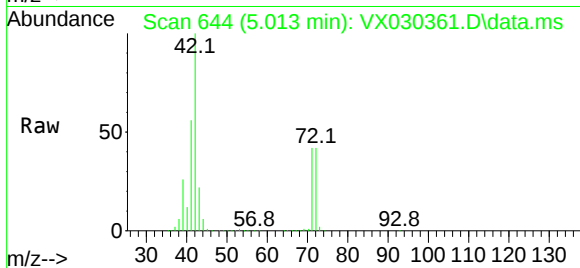
Tgt Ion: 42 Resp: 265782

Ion Ratio Lower Upper

42 100

72 41.8 36.5 54.7

71 39.7 33.9 50.9



#30

Chloroform

Concen: 54.845 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.005 min

Lab File: VX030361.D

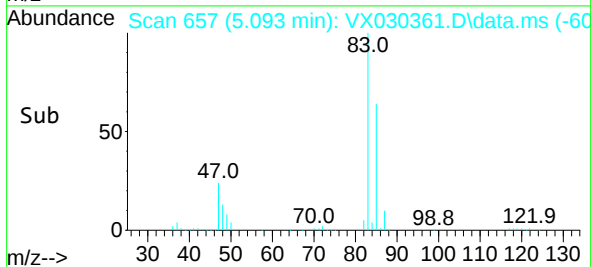
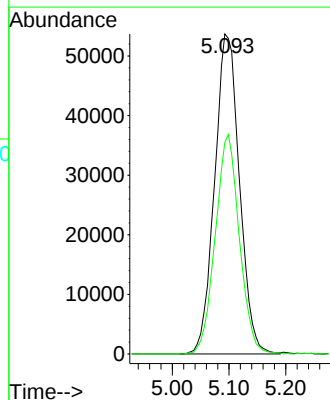
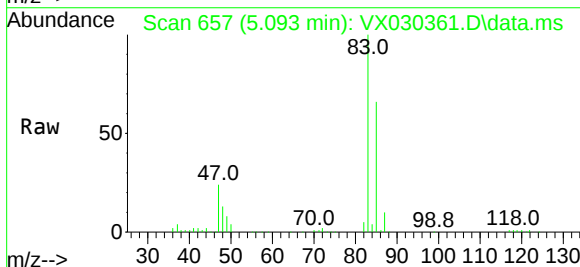
Acq: 03 Aug 2022 11:14

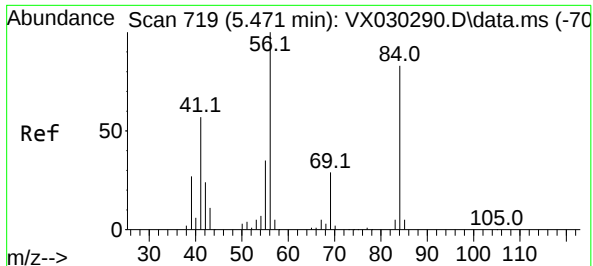
Tgt Ion: 83 Resp: 163508

Ion Ratio Lower Upper

83 100

85 66.1 51.5 77.3

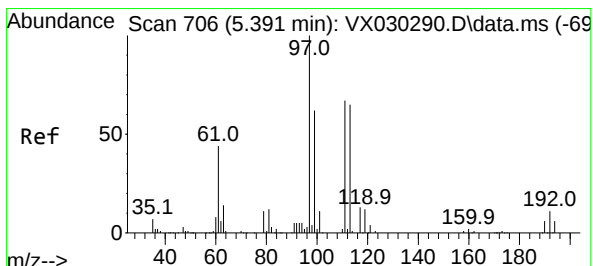
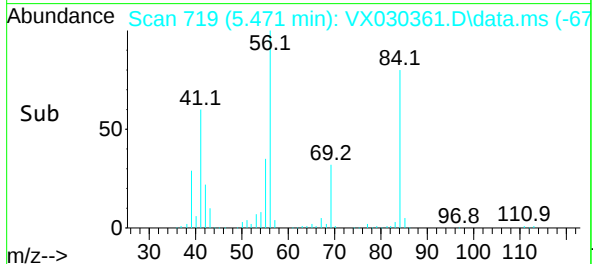
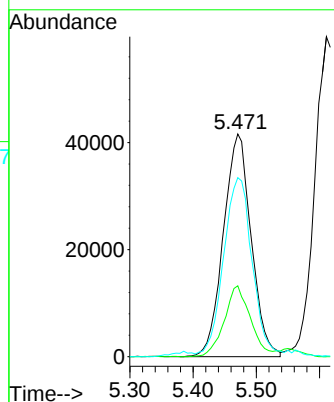
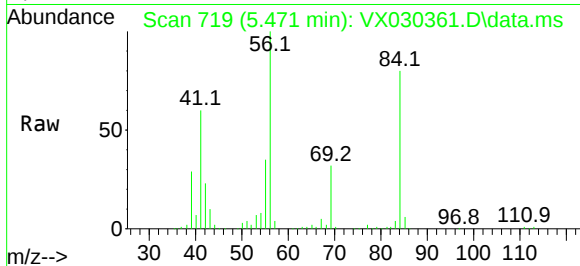




#31  
Cyclohexane  
Concen: 46.763 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

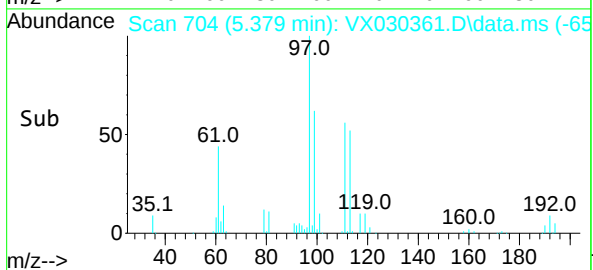
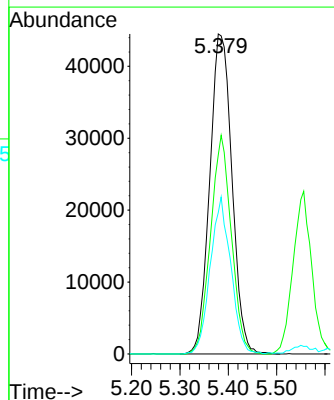
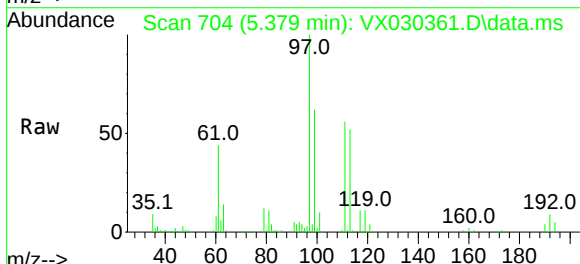
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

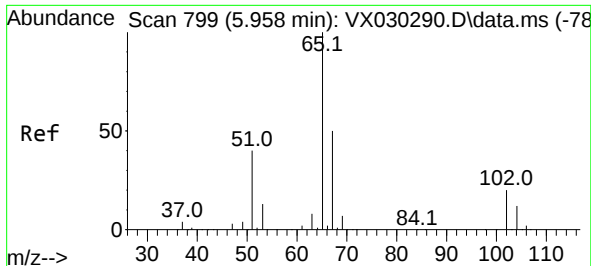
Tgt Ion: 56 Resp: 126786  
Ion Ratio Lower Upper  
56 100  
69 31.8 25.4 38.0  
84 78.9 68.9 103.3



#32  
1,1,1-Trichloroethane  
Concen: 58.567 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.012 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 97 Resp: 141928  
Ion Ratio Lower Upper  
97 100  
99 63.9 51.4 77.0  
61 45.4 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 54.022 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

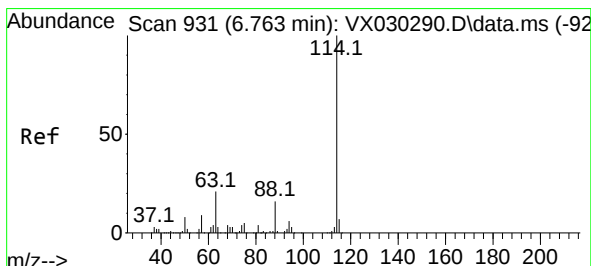
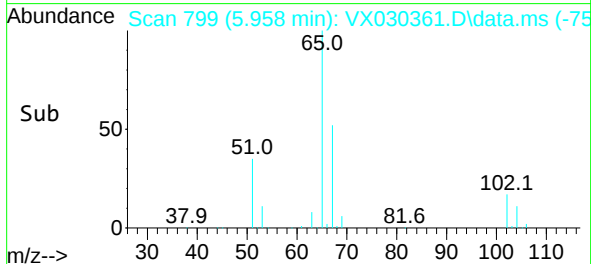
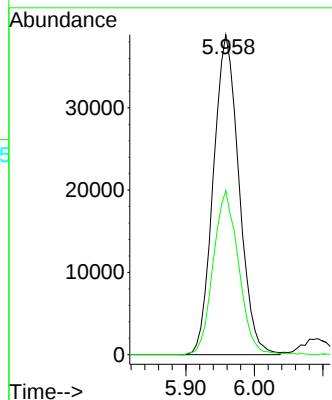
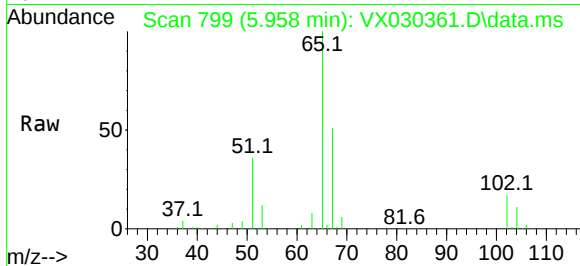
VSTDCCC050

Tgt Ion: 65 Resp: 100879

Ion Ratio Lower Upper

65 100

67 50.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

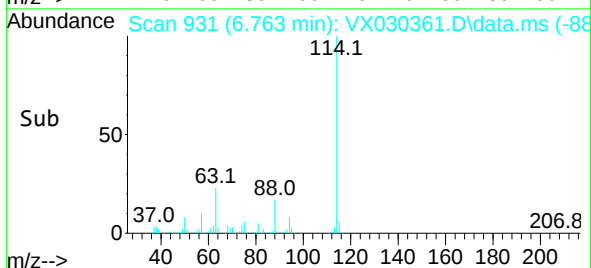
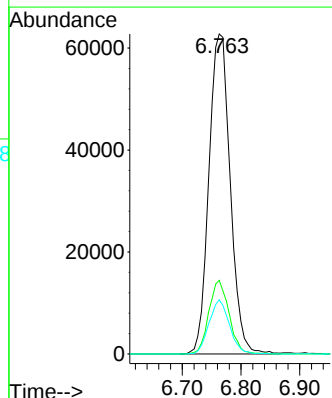
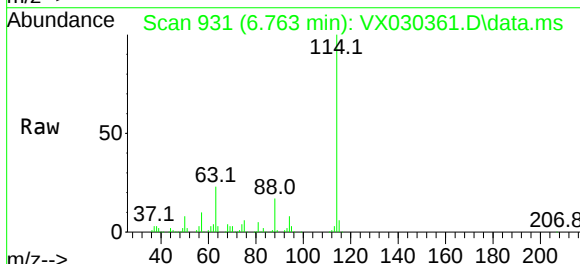
Tgt Ion: 114 Resp: 158234

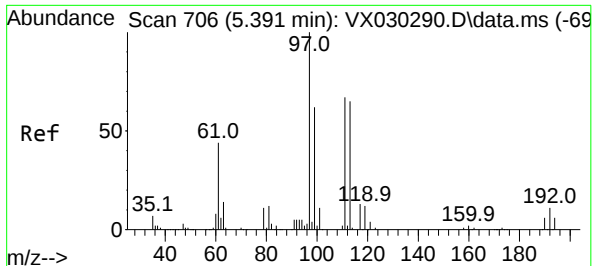
Ion Ratio Lower Upper

114 100

63 23.0 0.0 38.4

88 16.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.450 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

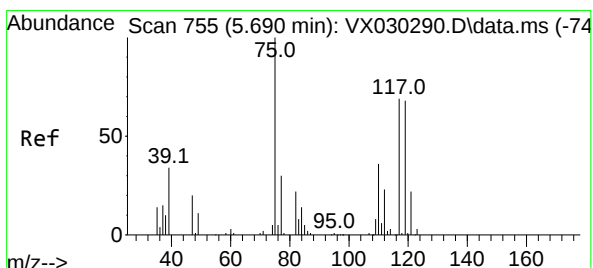
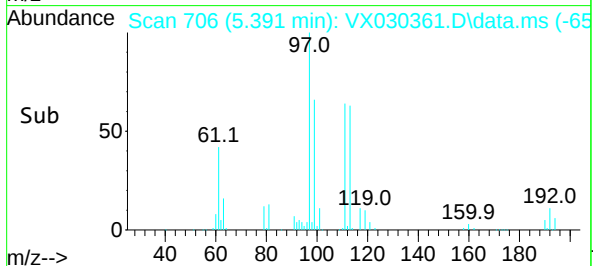
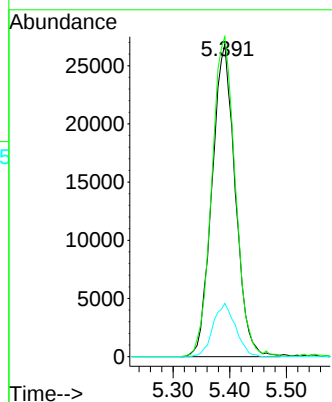
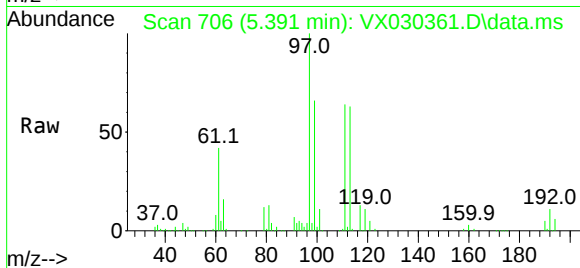
Tgt Ion:113 Resp: 76312

Ion Ratio Lower Upper

113 100

111 104.4 83.2 124.8

192 16.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 51.330 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

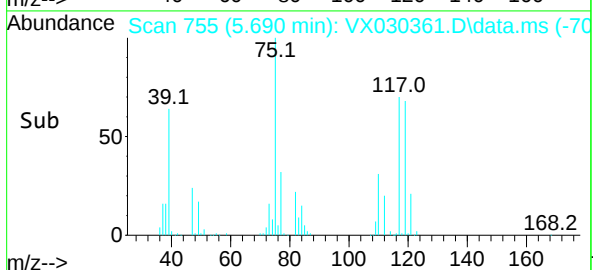
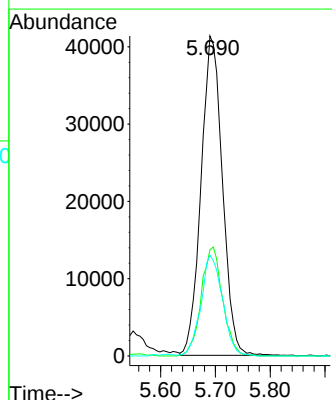
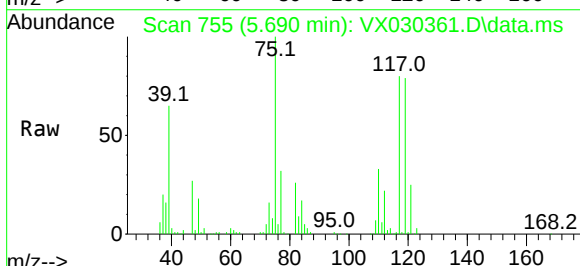
Tgt Ion: 75 Resp: 111738

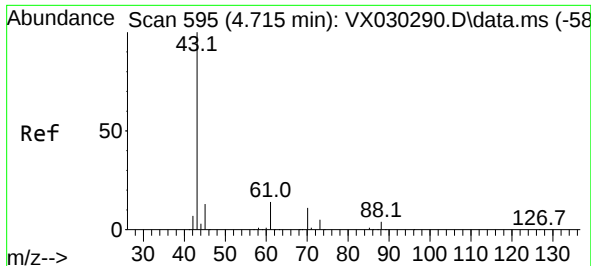
Ion Ratio Lower Upper

75 100

110 34.1 19.3 57.9

77 32.0 24.4 36.6

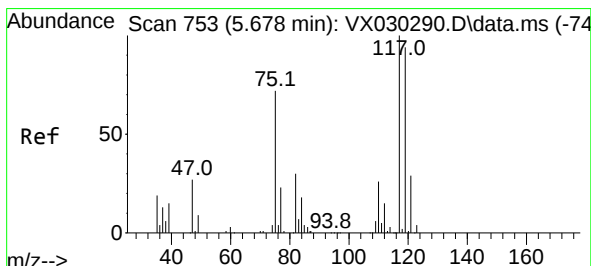
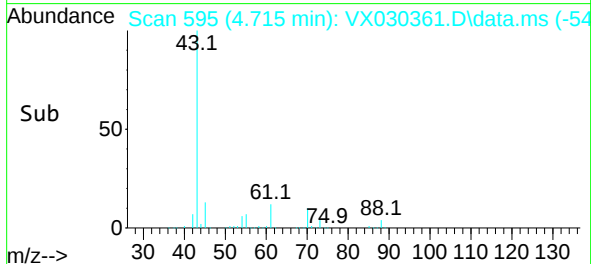
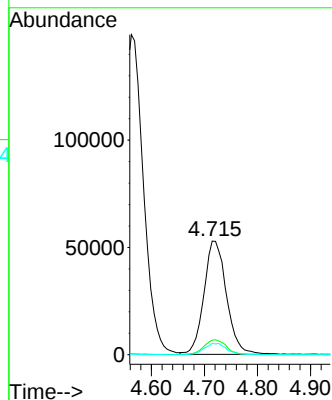
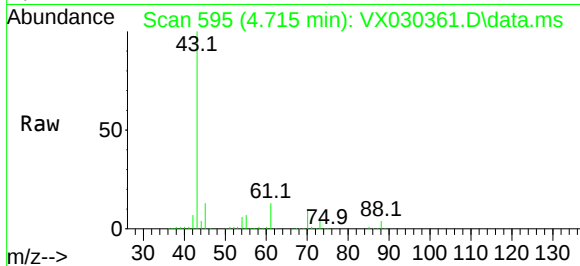




#37  
Ethyl Acetate  
Concen: 50.616 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. -0.005 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

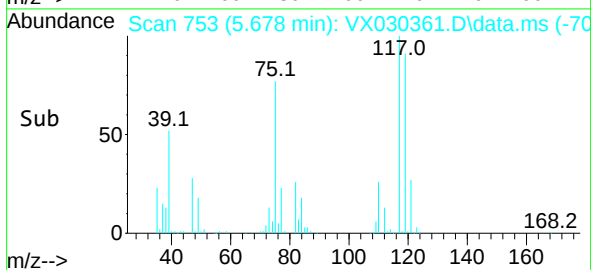
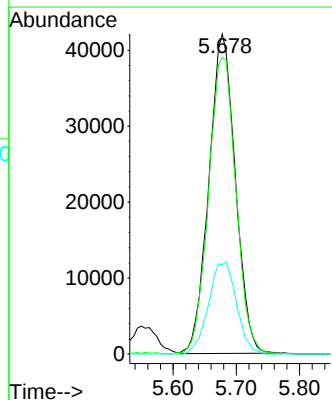
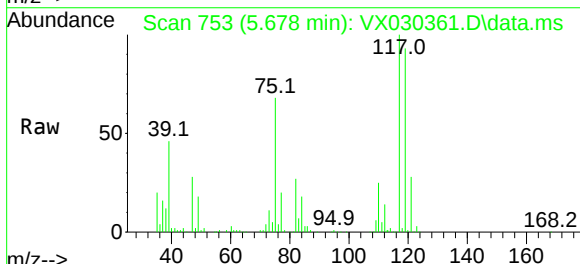
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

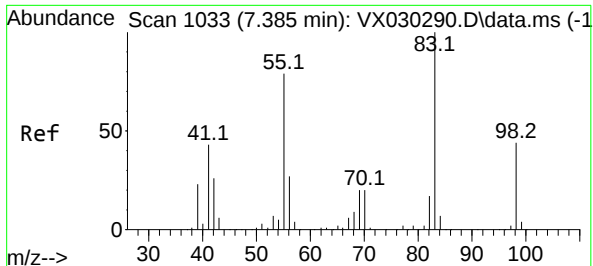
Tgt Ion: 43 Resp: 156034  
Ion Ratio Lower Upper  
43 100  
61 12.8 11.7 17.5  
70 9.8 9.3 13.9



#38  
Carbon Tetrachloride  
Concen: 60.148 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. -0.005 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 117 Resp: 122234  
Ion Ratio Lower Upper  
117 100  
119 92.9 74.1 111.1  
121 28.0 25.8 38.8





#39

Methylcyclohexane

Concen: 46.893 ug/l

RT: 7.379 min Scan# 1

Delta R.T. -0.005 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

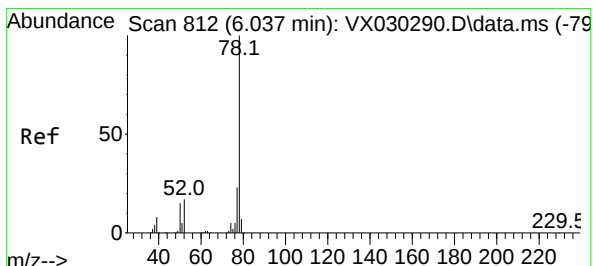
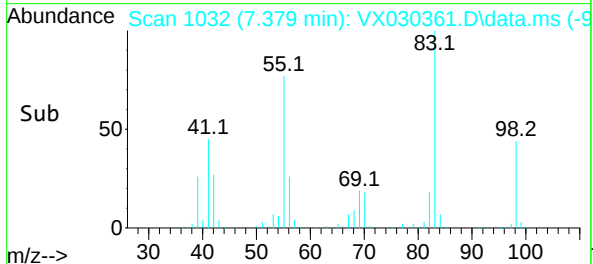
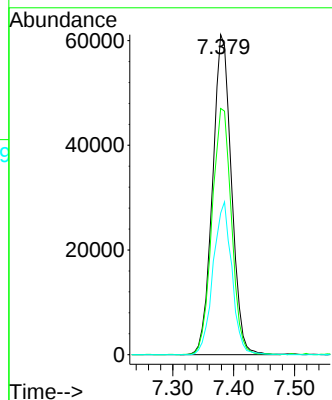
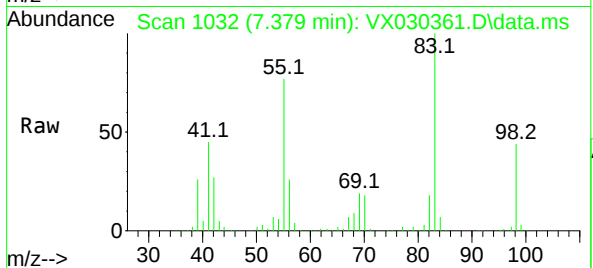
Tgt Ion: 83 Resp: 131763

Ion Ratio Lower Upper

83 100

55 76.9 57.7 86.5

98 44.3 36.5 54.7



#40

Benzene

Concen: 48.342 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.005 min

Lab File: VX030361.D

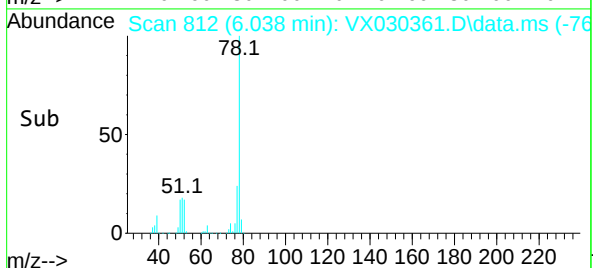
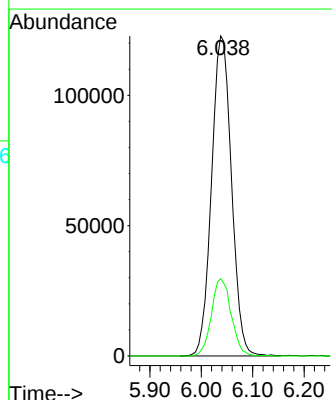
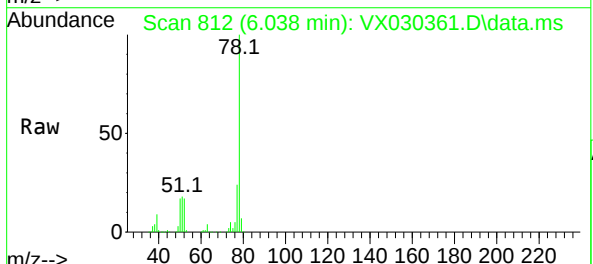
Acq: 03 Aug 2022 11:14

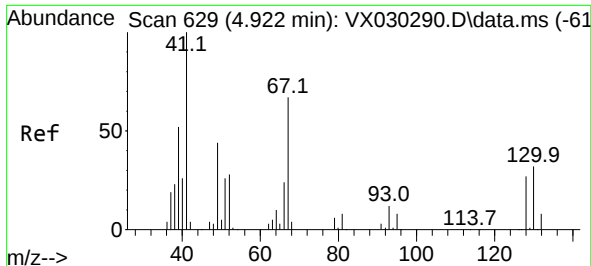
Tgt Ion: 78 Resp: 331096

Ion Ratio Lower Upper

78 100

77 24.2 18.0 27.0

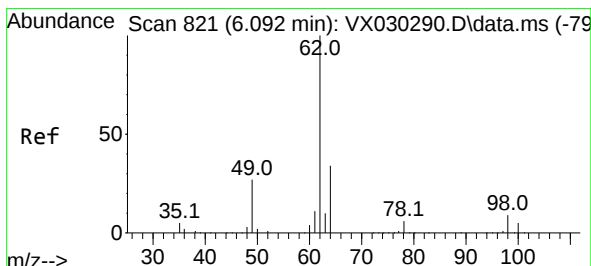
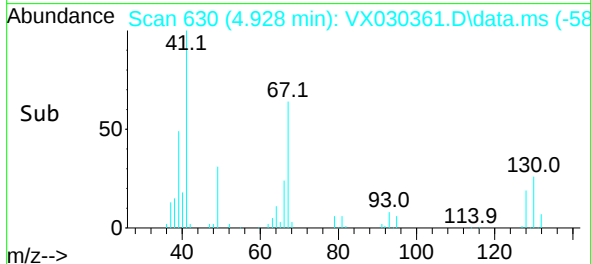
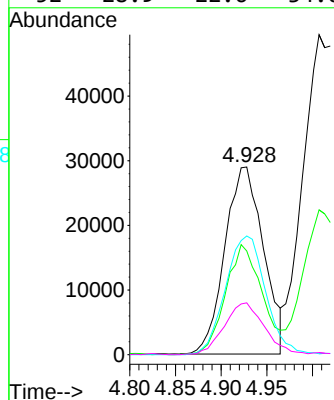
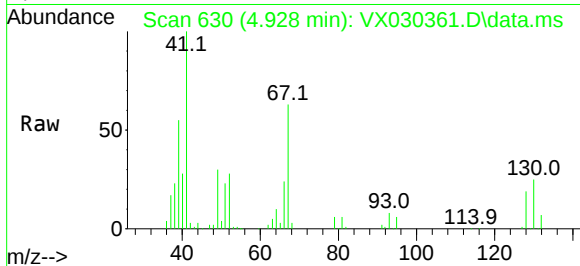




#41  
Methacrylonitrile  
Concen: 51.460 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

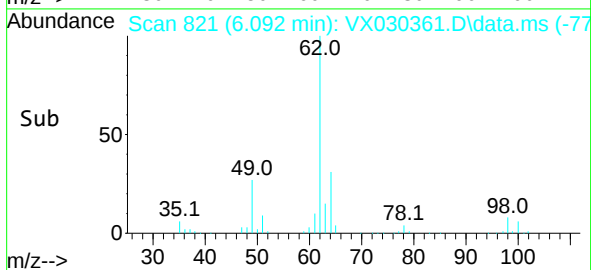
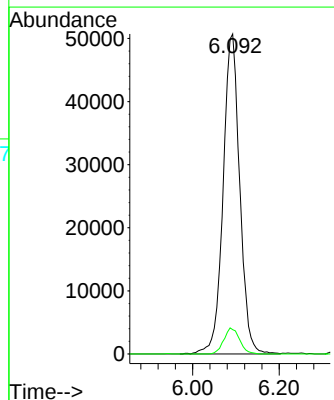
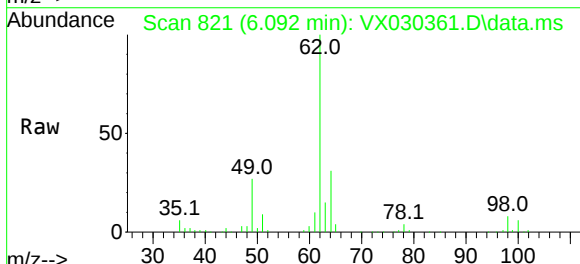
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

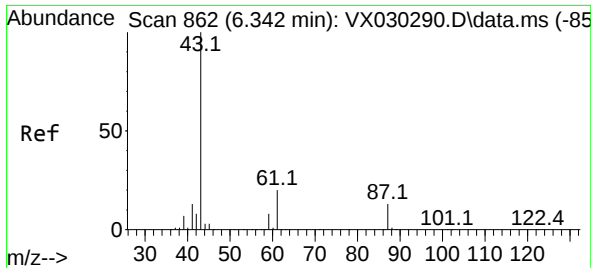
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 85035 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.8  | 42.9  | 64.3  |
| 67       | 66.4  | 60.1  | 90.1  |
| 52       | 28.9  | 22.6  | 34.0  |



#42  
1,2-Dichloroethane  
Concen: 57.270 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 135537 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 7.7   | 0.0   | 20.2   |





#43

Isopropyl Acetate

Concen: 54.818 ug/l

RT: 6.342 min Scan# 8

Delta R.T. -0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

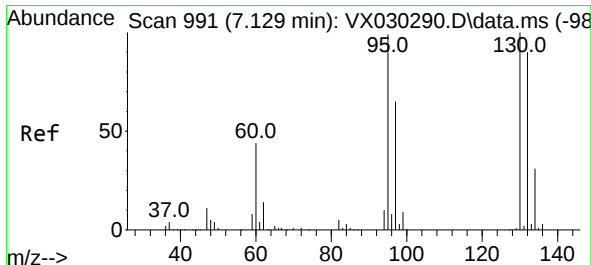
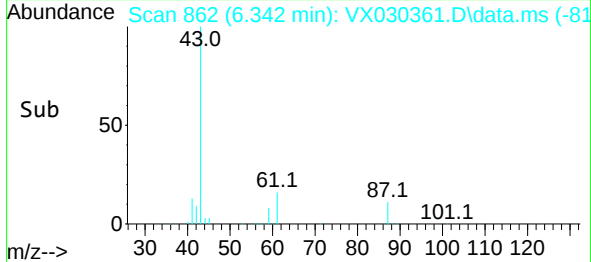
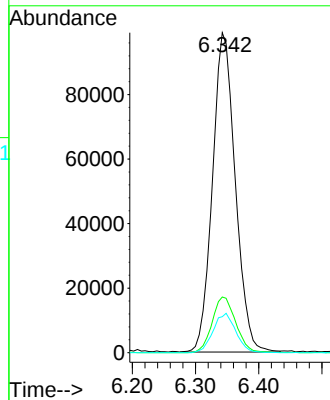
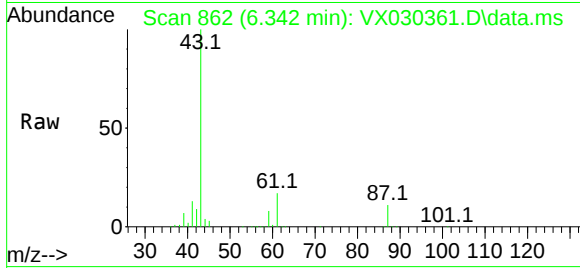
Tgt Ion: 43 Resp: 247726

Ion Ratio Lower Upper

43 100

61 18.1 16.5 24.7

87 12.3 11.1 16.7



#44

Trichloroethene

Concen: 48.791 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.005 min

Lab File: VX030361.D

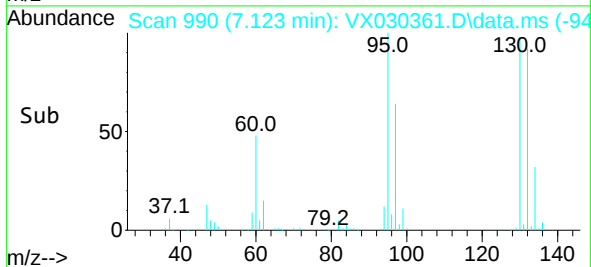
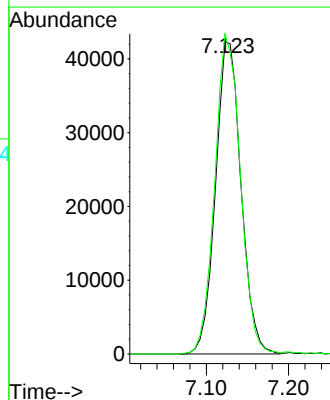
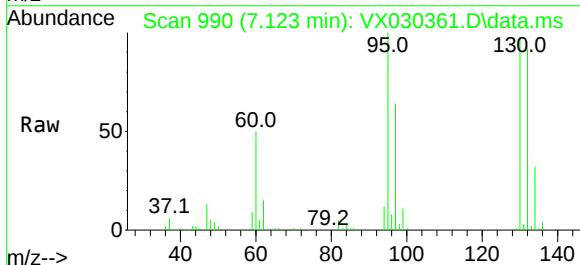
Acq: 03 Aug 2022 11:14

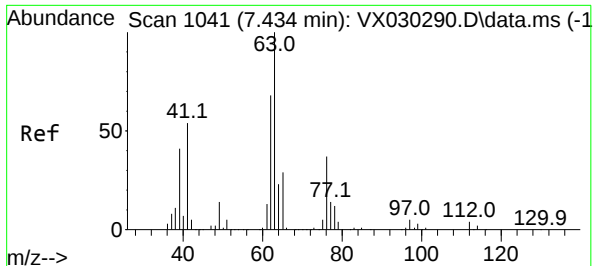
Tgt Ion:130 Resp: 91310

Ion Ratio Lower Upper

130 100

95 102.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 49.730 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

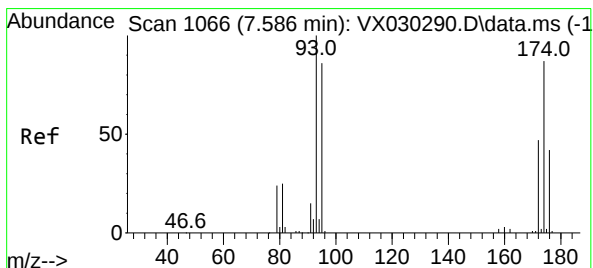
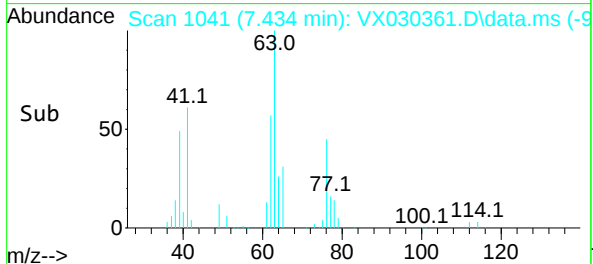
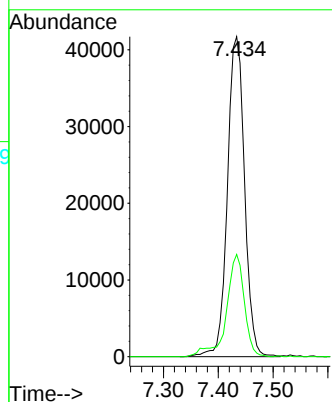
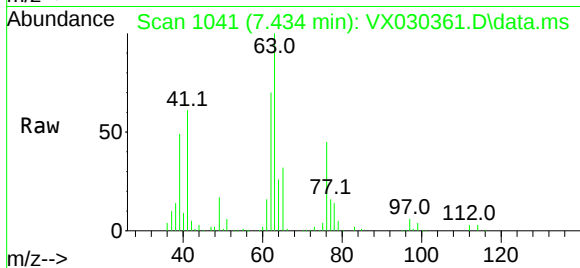
VSTDCCC050

Tgt Ion: 63 Resp: 90844

Ion Ratio Lower Upper

63 100

65 31.9 25.2 37.8



#46

Dibromomethane

Concen: 51.896 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

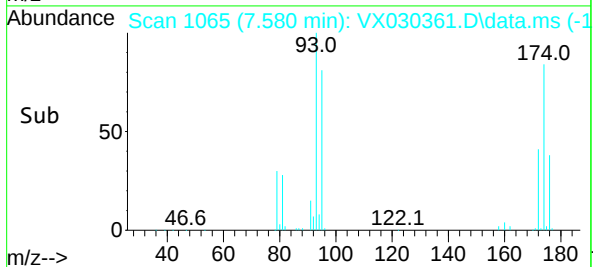
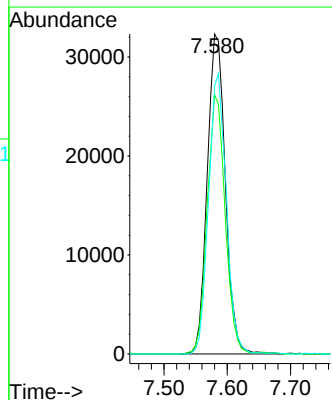
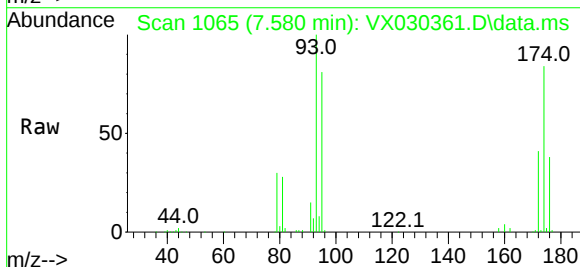
Tgt Ion: 93 Resp: 64469

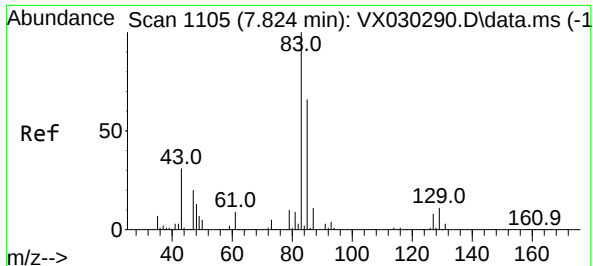
Ion Ratio Lower Upper

93 100

95 80.6 67.4 101.0

174 85.7 75.6 113.4

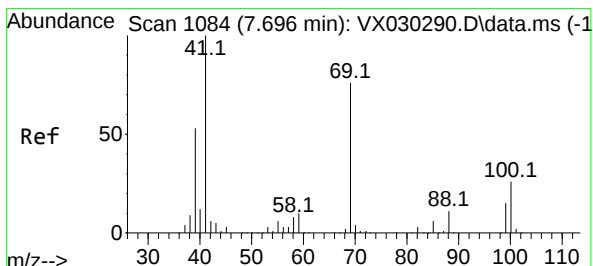
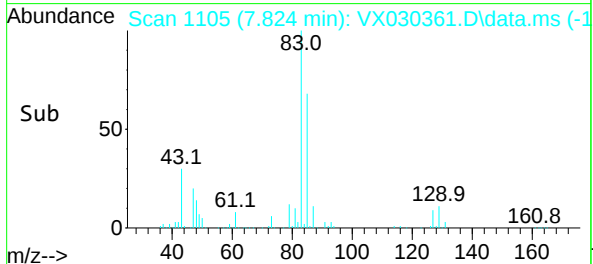
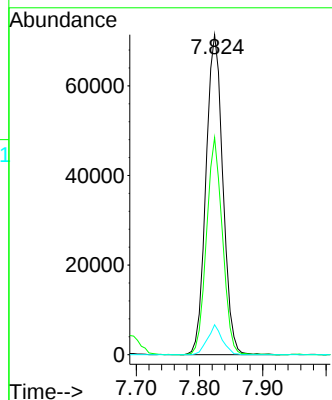
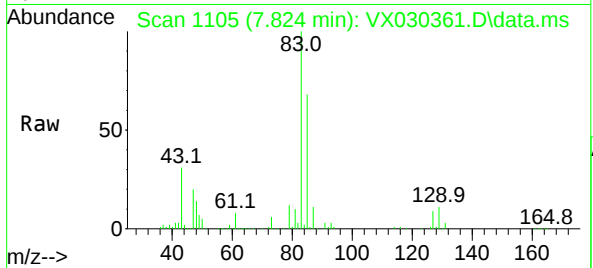




#47  
Bromodichloromethane  
Concen: 58.767 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.005 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

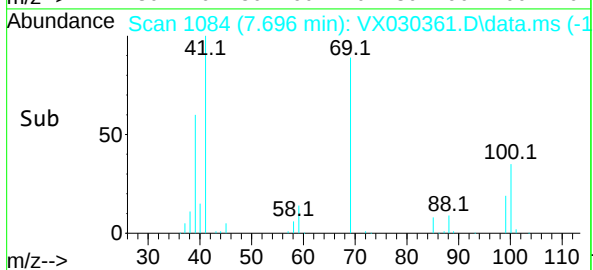
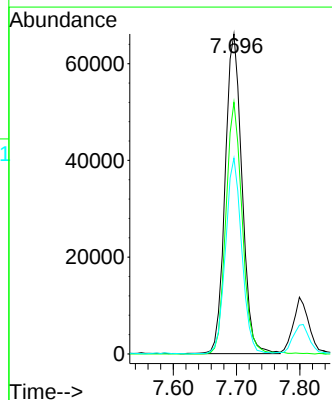
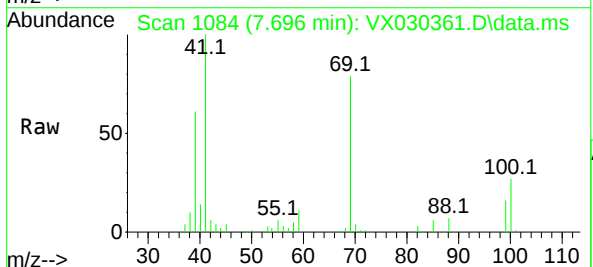
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

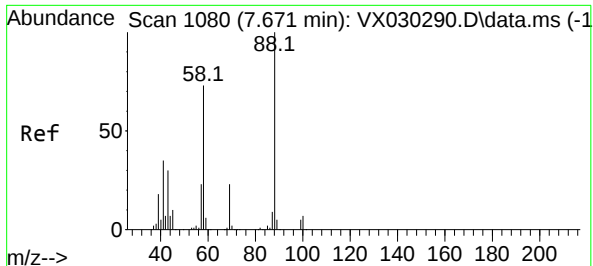
Tgt Ion: 83 Resp: 132714  
Ion Ratio Lower Upper  
83 100  
85 67.8 53.5 80.3  
127 9.4 6.6 10.0



#48  
Methyl methacrylate  
Concen: 54.778 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 41 Resp: 121842  
Ion Ratio Lower Upper  
41 100  
69 76.2 68.8 103.2  
39 59.4 44.6 66.8





#49

1,4-Dioxane

Concen: 963.899 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

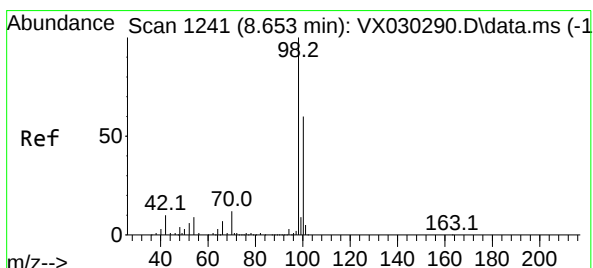
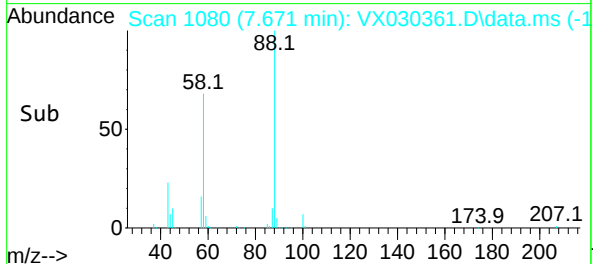
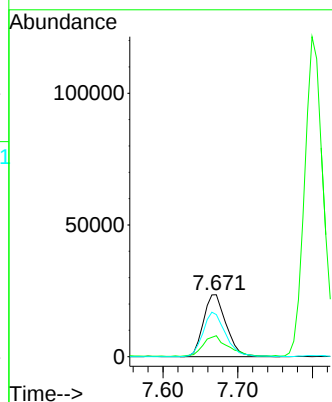
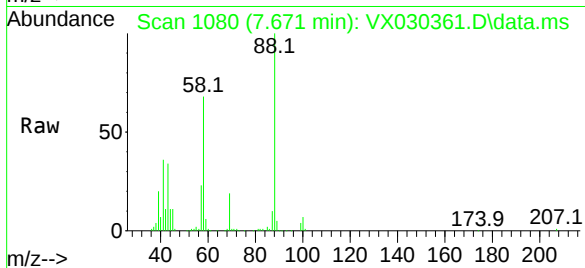
Tgt Ion: 88 Resp: 49519

Ion Ratio Lower Upper

88 100

43 36.1 23.8 35.8#

58 71.7 53.8 80.6



#50

Toluene-d8

Concen: 47.119 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.001 min

Lab File: VX030361.D

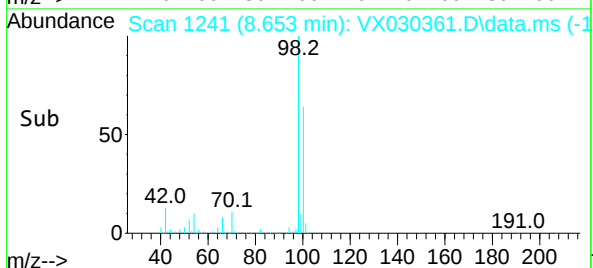
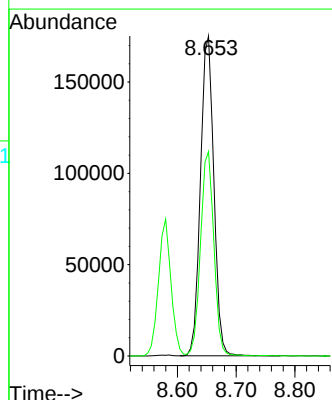
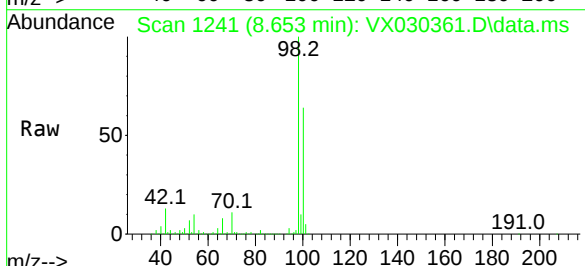
Acq: 03 Aug 2022 11:14

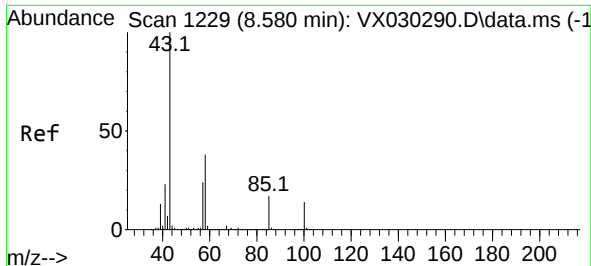
Tgt Ion: 98 Resp: 276020

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 272.342 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

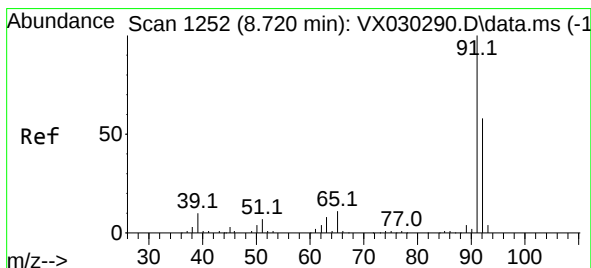
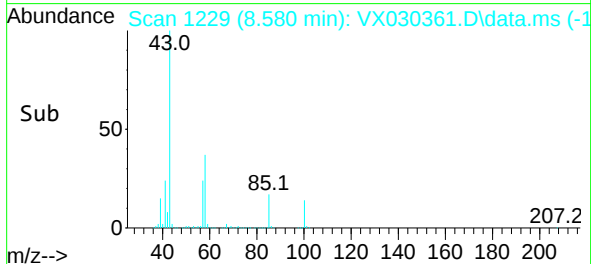
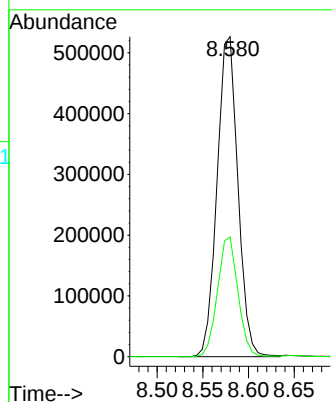
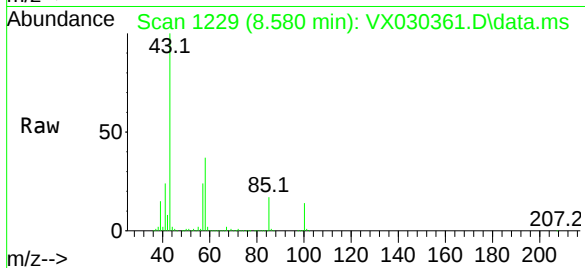
VSTDCCC050

Tgt Ion: 43 Resp: 835525

Ion Ratio Lower Upper

43 100

58 36.8 31.4 47.2



#52

Toluene

Concen: 50.196 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX030361.D

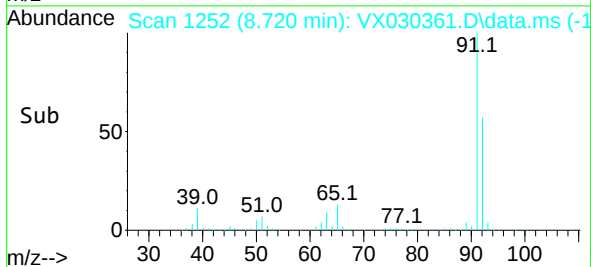
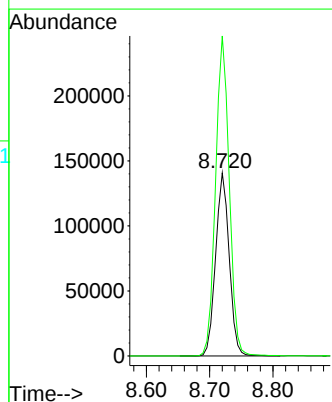
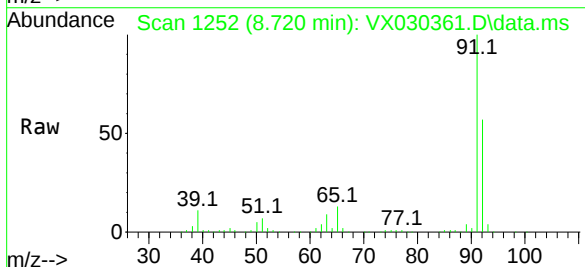
Acq: 03 Aug 2022 11:14

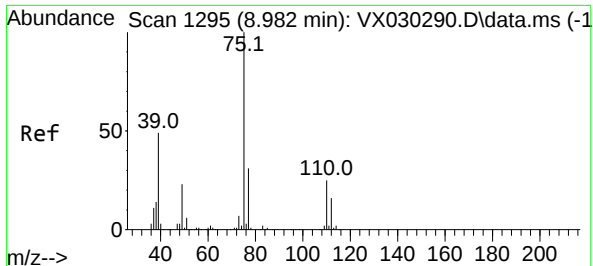
Tgt Ion: 92 Resp: 209751

Ion Ratio Lower Upper

92 100

91 176.0 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 59.341 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

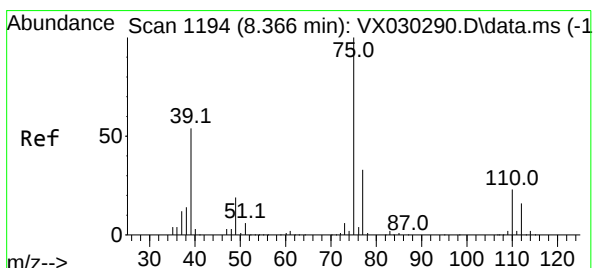
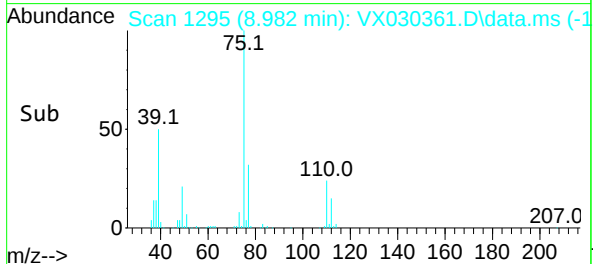
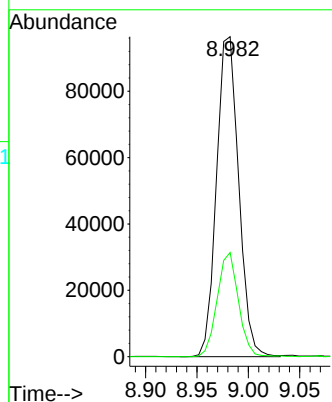
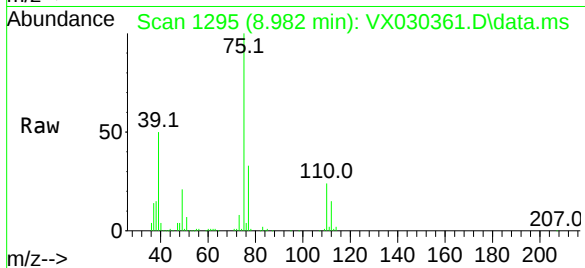
VSTDCCC050

Tgt Ion: 75 Resp: 144457

Ion Ratio Lower Upper

75 100

77 32.6 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 55.470 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

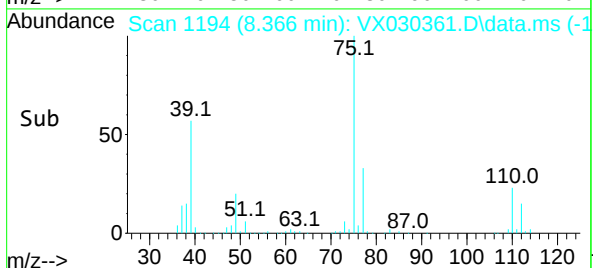
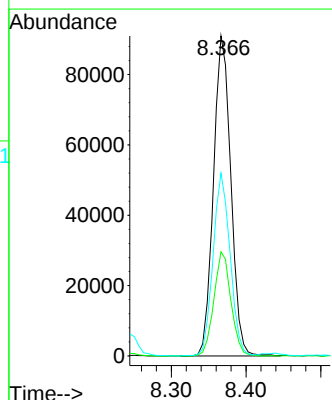
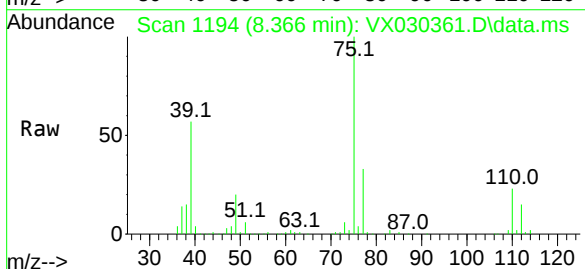
Tgt Ion: 75 Resp: 147151

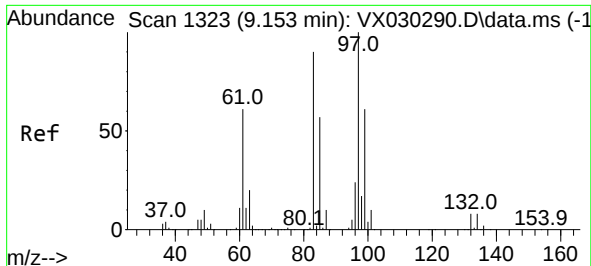
Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.4

39 57.1 37.5 56.3#





#55

1,1,2-Trichloroethane

Concen: 50.946 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.005 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 90640

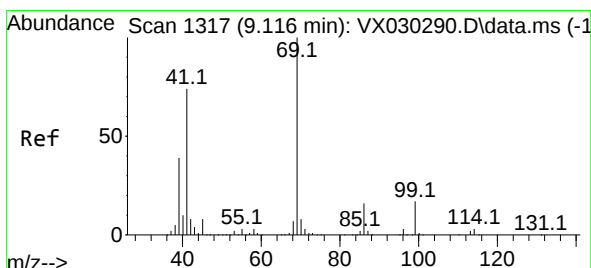
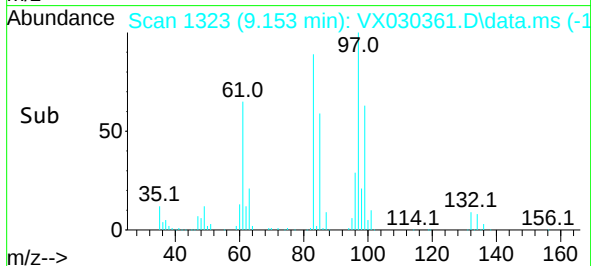
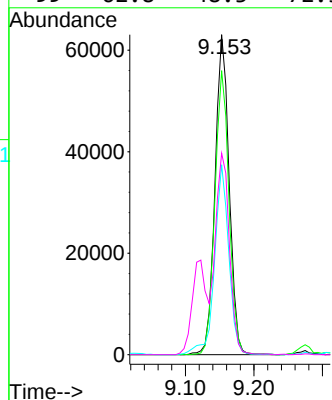
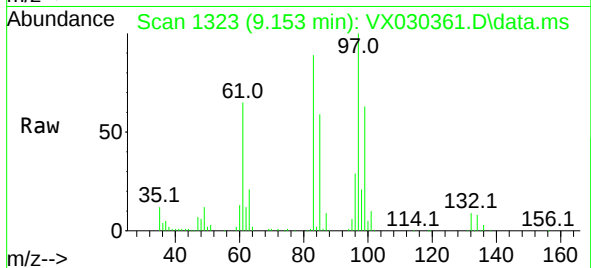
Ion Ratio Lower Upper

97 100

83 88.7 68.9 103.3

85 59.4 44.0 66.0

99 62.8 48.3 72.5



#56

Ethyl methacrylate

Concen: 54.751 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

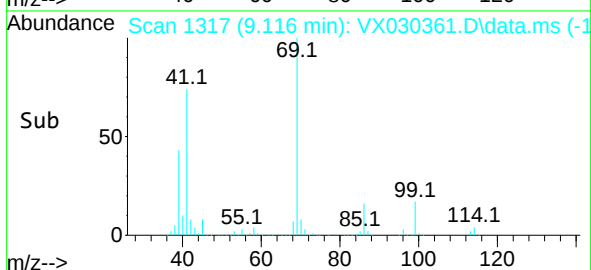
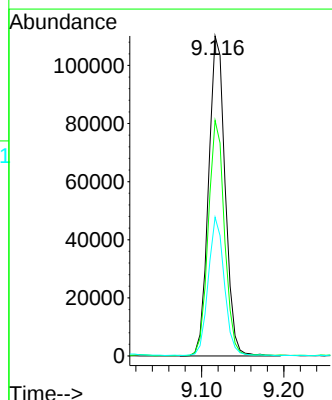
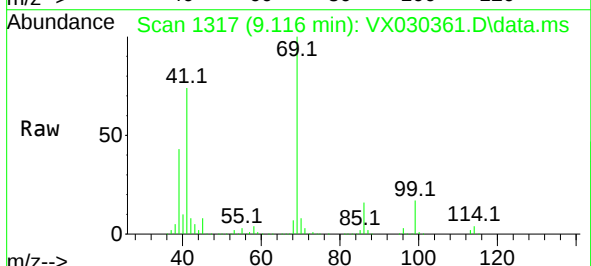
Tgt Ion: 69 Resp: 153991

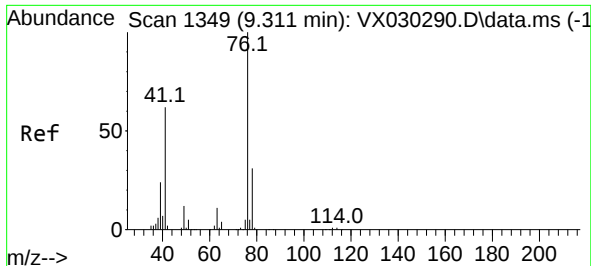
Ion Ratio Lower Upper

69 100

41 71.8 52.3 78.5

39 42.2 28.2 42.4





#57

1,3-Dichloropropane

Concen: 51.278 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

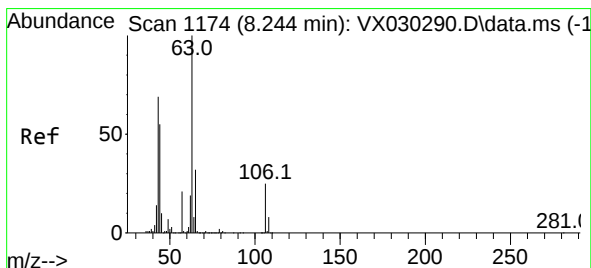
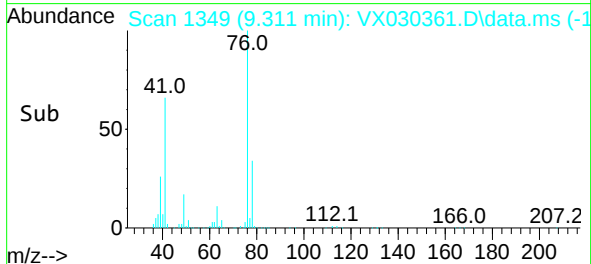
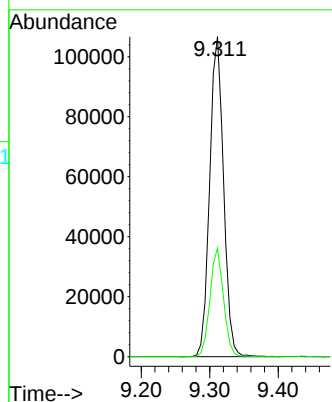
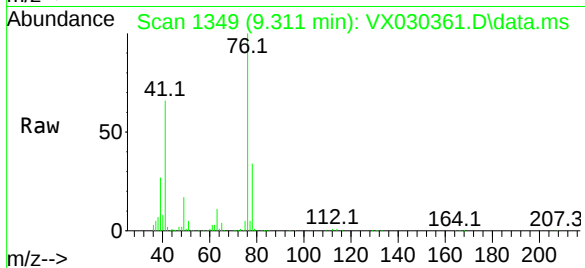
VSTDCCC050

Tgt Ion: 76 Resp: 150592

Ion Ratio Lower Upper

76 100

78 33.0 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 284.558 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX030361.D

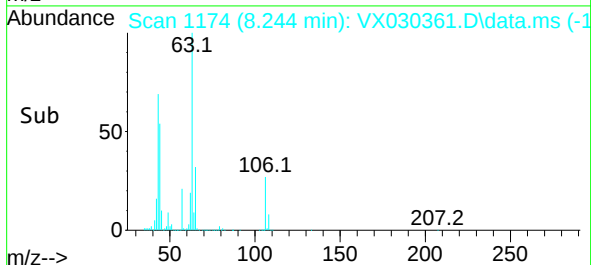
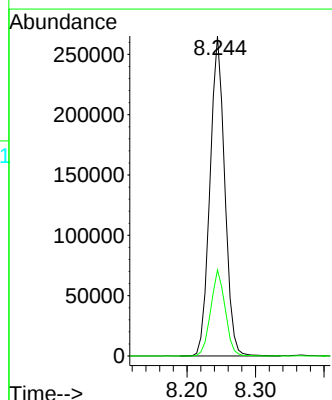
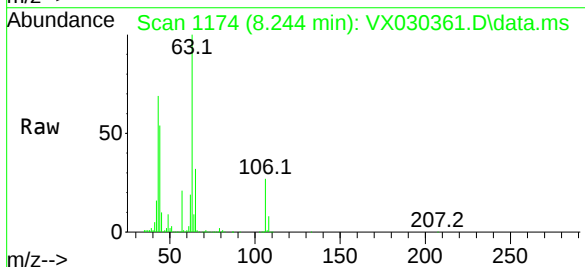
Acq: 03 Aug 2022 11:14

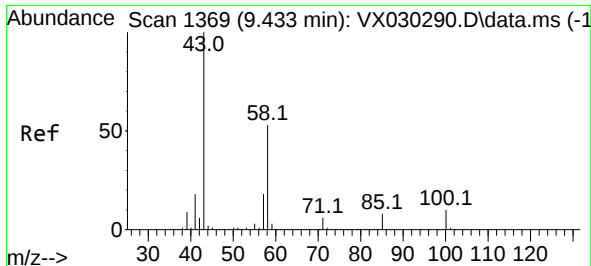
Tgt Ion: 63 Resp: 397201

Ion Ratio Lower Upper

63 100

106 26.3 22.2 33.2

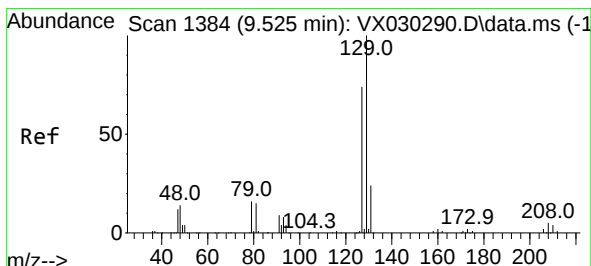
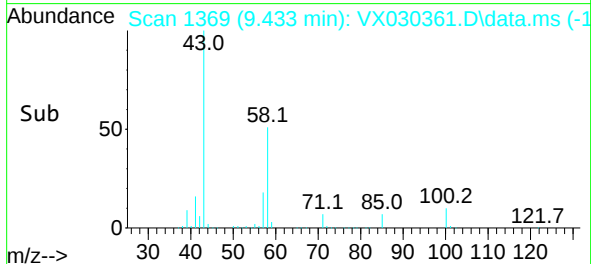
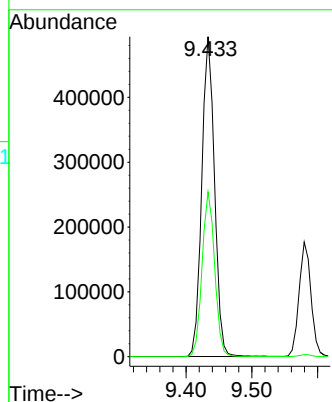
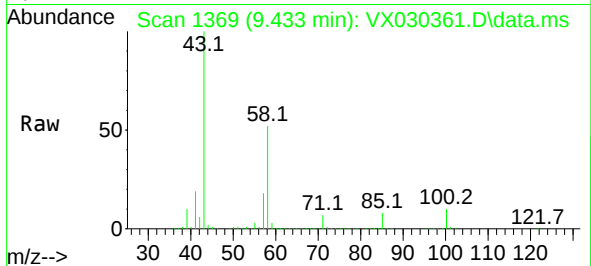




#59  
2-Hexanone  
Concen: 274.616 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

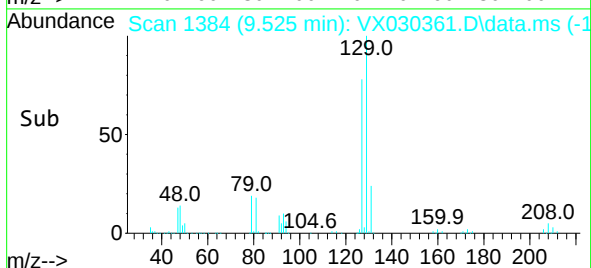
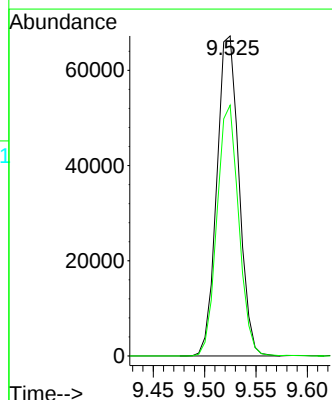
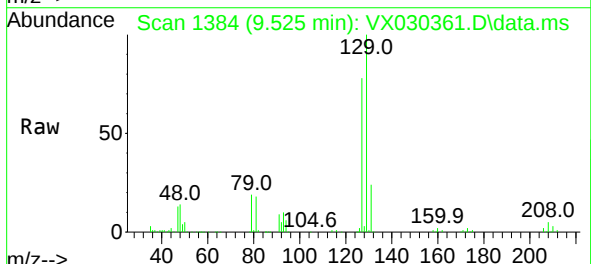
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

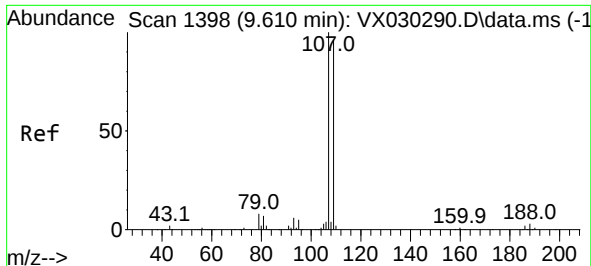
Tgt Ion: 43 Resp: 664685  
Ion Ratio Lower Upper  
43 100  
58 51.1 27.6 82.8



#60  
Dibromochloromethane  
Concen: 61.055 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 129 Resp: 100556  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.5 115.5

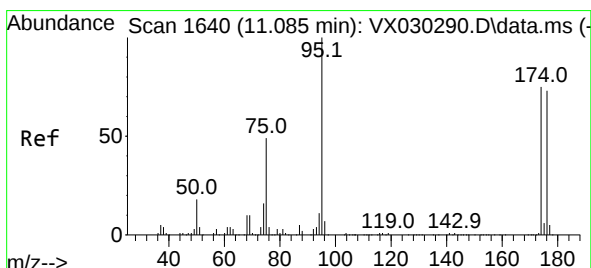
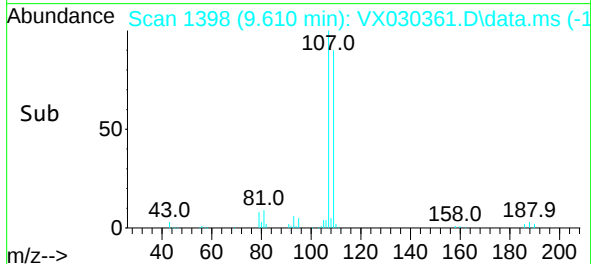
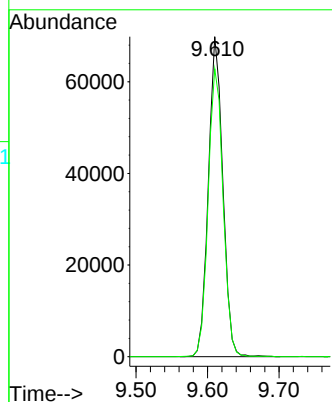
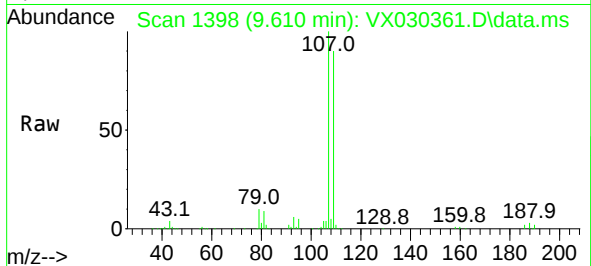




#61  
1,2-Dibromoethane  
Concen: 52.762 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

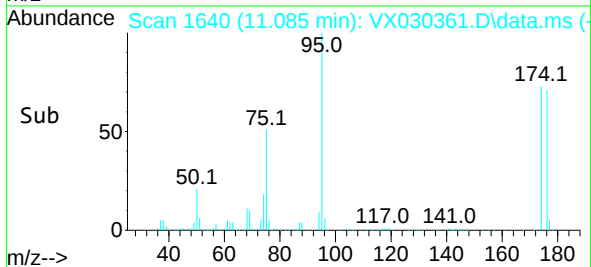
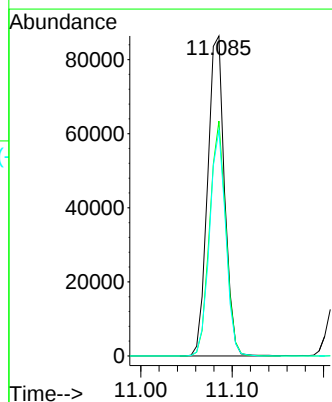
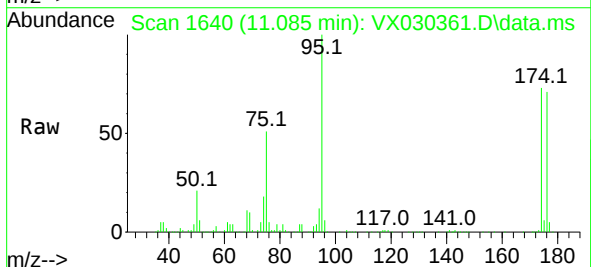
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

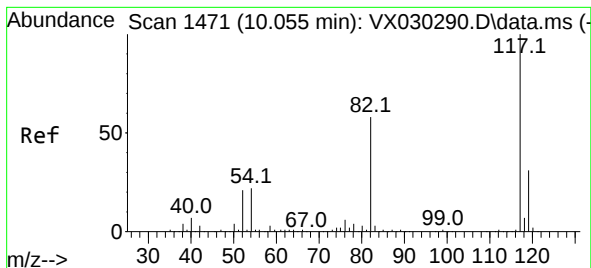
Tgt Ion:107 Resp: 98019  
Ion Ratio Lower Upper  
107 100  
109 93.2 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 51.001 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 95 Resp: 110877  
Ion Ratio Lower Upper  
95 100  
174 70.0 0.0 149.0  
176 67.2 0.0 146.0

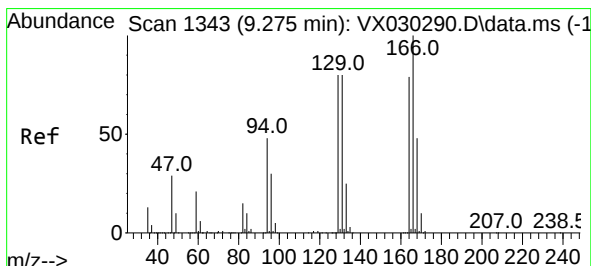
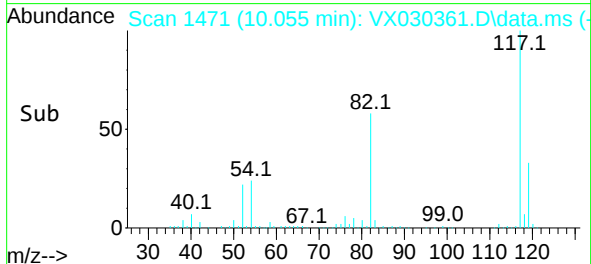
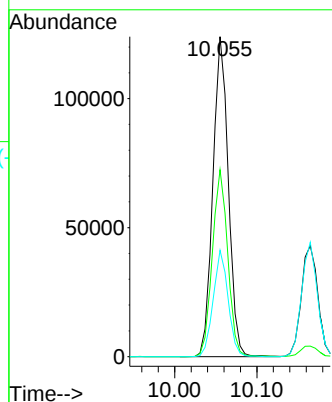
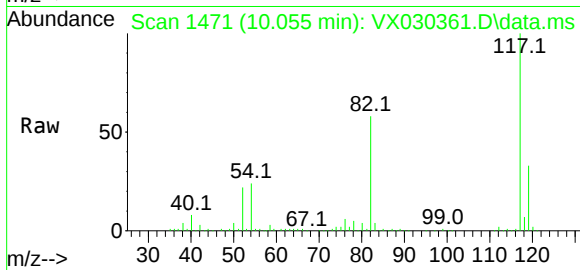




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

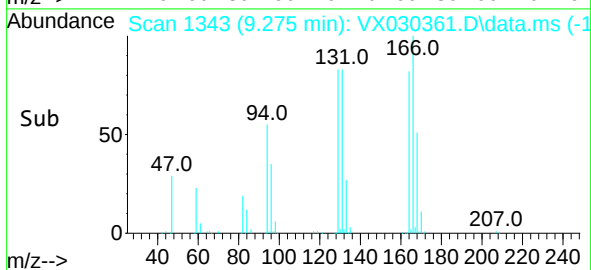
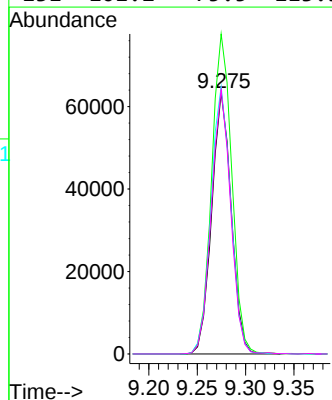
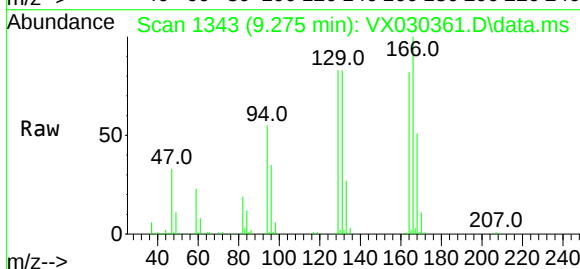
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

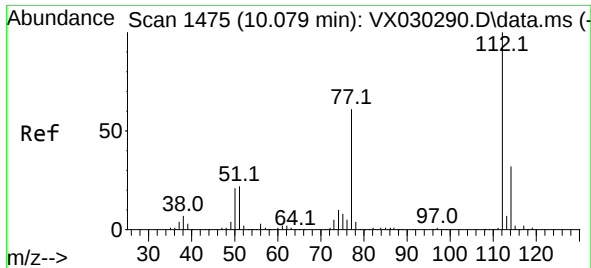
Tgt Ion:117 Resp: 161681  
Ion Ratio Lower Upper  
117 100  
82 58.4 42.7 64.1  
119 33.3 25.4 38.2



#64  
Tetrachloroethene  
Concen: 51.227 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion:164 Resp: 89167  
Ion Ratio Lower Upper  
164 100  
166 122.5 98.2 147.4  
129 102.2 80.8 121.2  
131 101.2 75.5 113.3

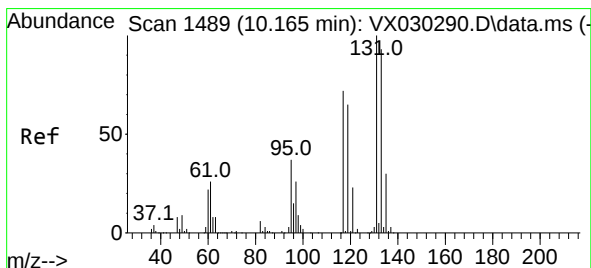
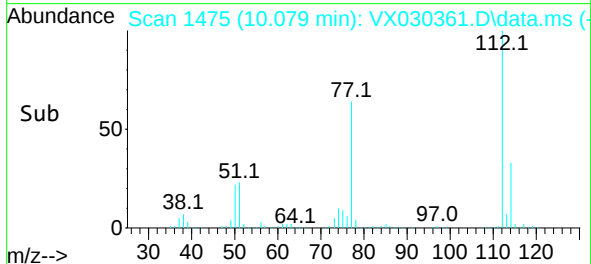
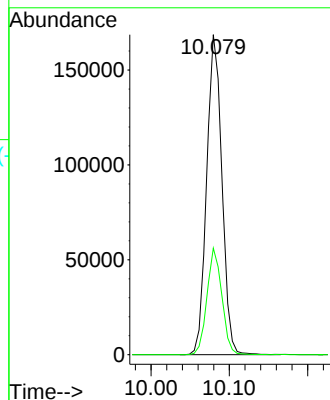
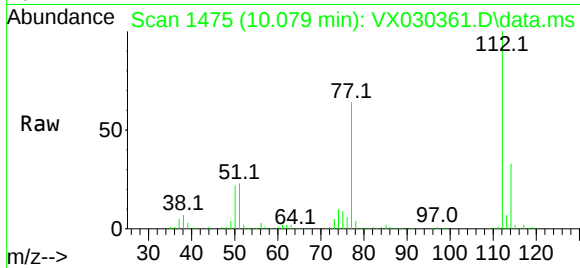




#65  
Chlorobenzene  
Concen: 51.783 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

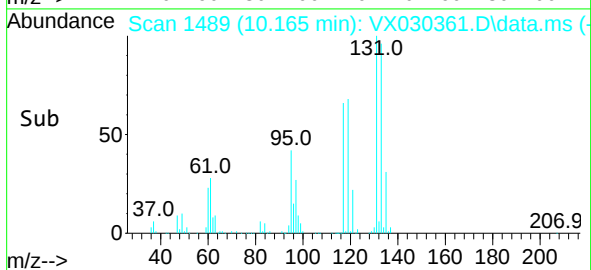
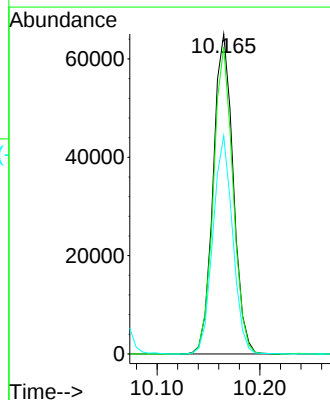
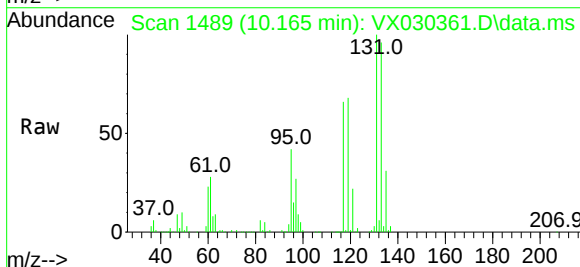
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

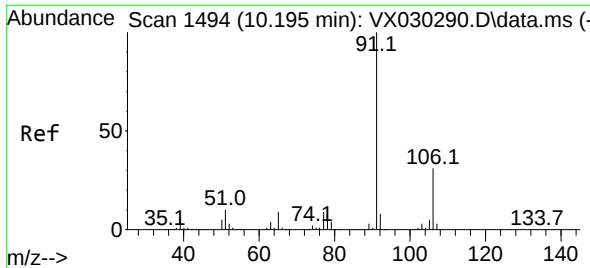
Tgt Ion:112 Resp: 227426  
Ion Ratio Lower Upper  
112 100  
114 33.3 24.6 36.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 58.932 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion:131 Resp: 87985  
Ion Ratio Lower Upper  
131 100  
133 93.7 46.9 140.8  
119 67.1 34.4 103.1

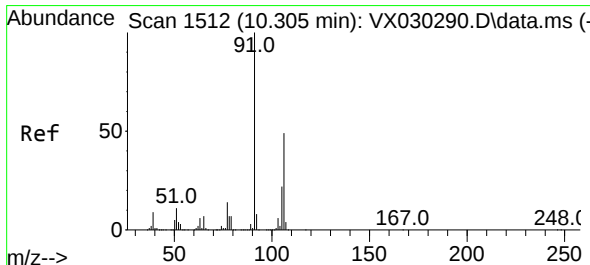
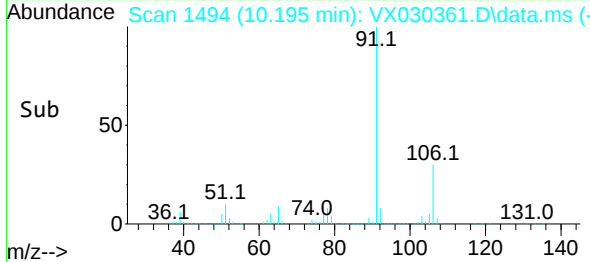
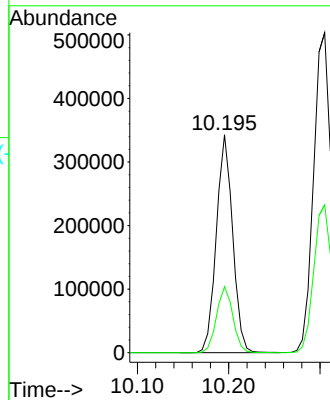
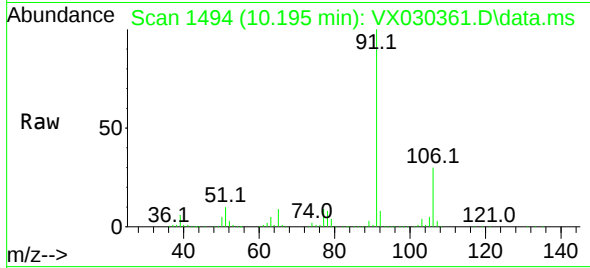




#67  
Ethyl Benzene  
Concen: 50.514 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

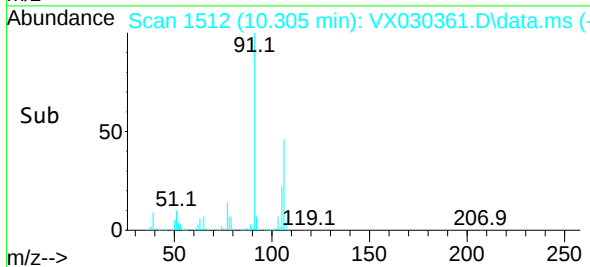
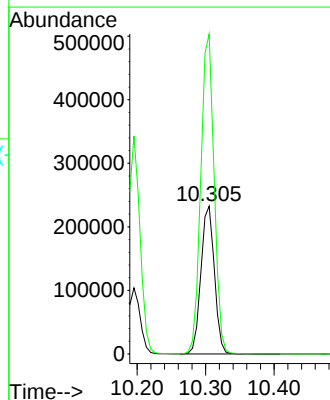
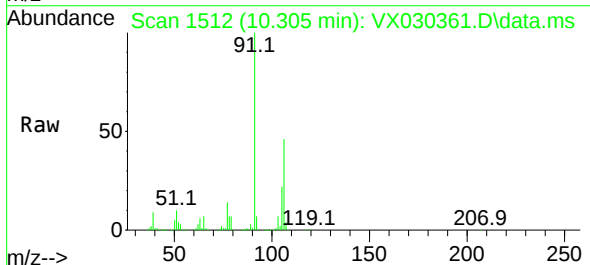
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

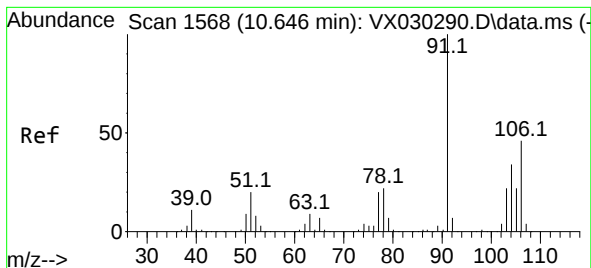
Tgt Ion: 91 Resp: 425550  
Ion Ratio Lower Upper  
91 100  
106 30.3 25.5 38.3



#68  
m/p-Xylenes  
Concen: 107.002 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 106 Resp: 318354  
Ion Ratio Lower Upper  
106 100  
91 214.7 158.2 237.4





#69

o-Xylene

Concen: 53.363 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

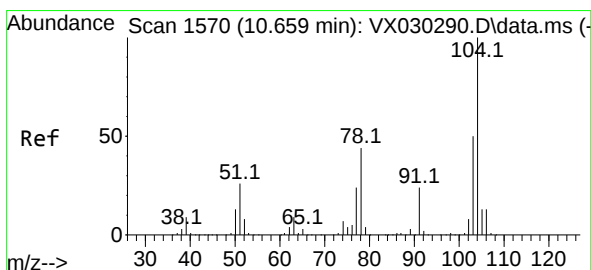
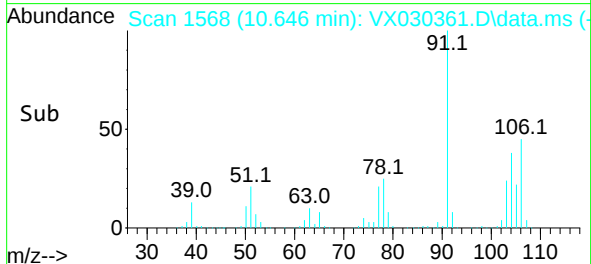
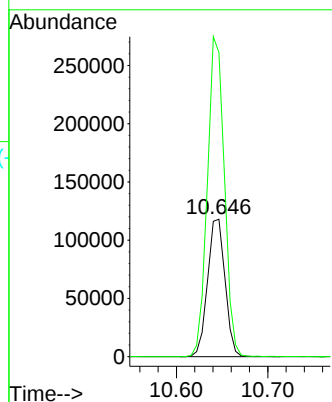
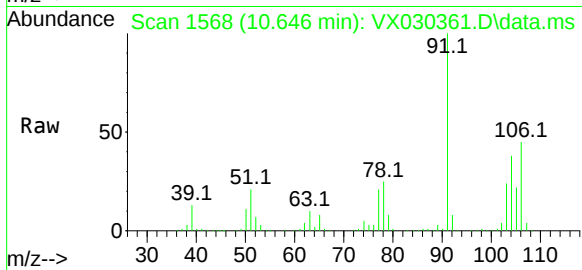
VSTDCCC050

Tgt Ion:106 Resp: 156480

Ion Ratio Lower Upper

106 100

91 226.7 103.8 311.6



#70

Styrene

Concen: 56.379 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.001 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

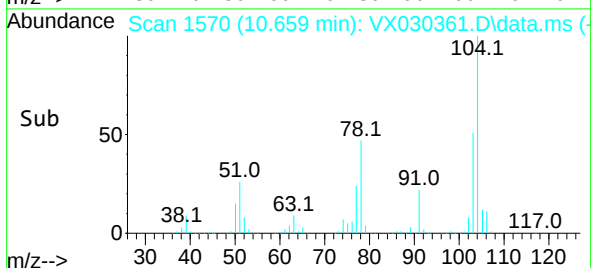
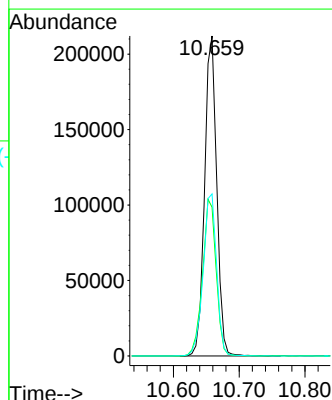
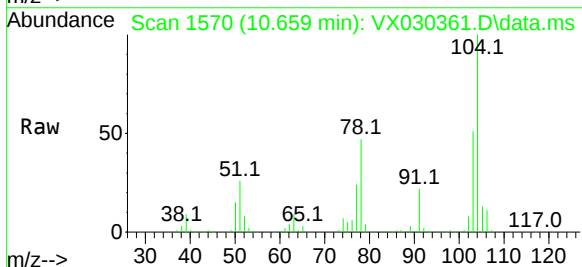
Tgt Ion:104 Resp: 271615

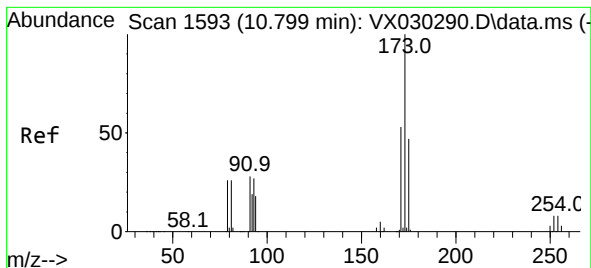
Ion Ratio Lower Upper

104 100

78 55.0 37.8 56.8

103 56.4 44.5 66.7





#71

Bromoform

Concen: 65.162 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

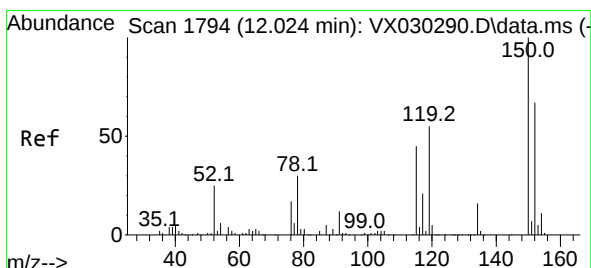
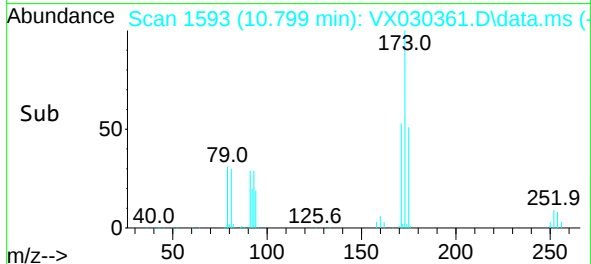
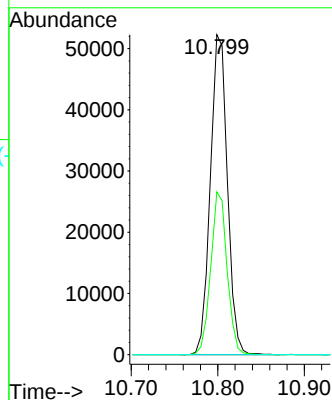
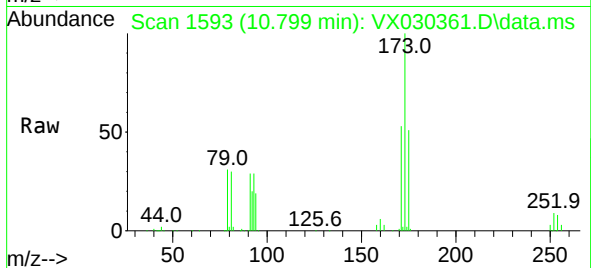
Tgt Ion:173 Resp: 71523

Ion Ratio Lower Upper

173 100

175 48.7 23.8 71.2

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: VX030361.D

Acq: 03 Aug 2022 11:14

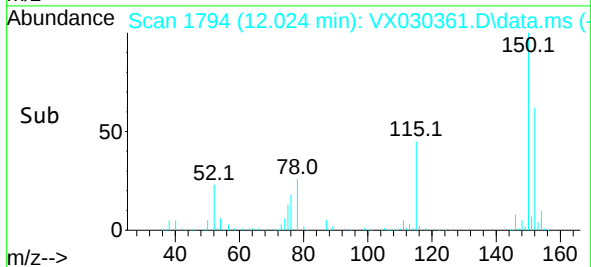
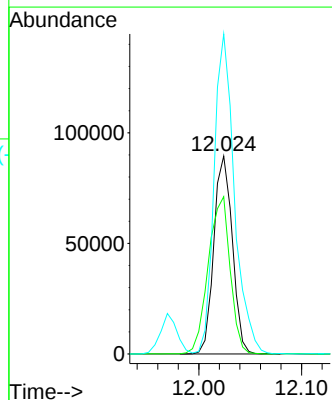
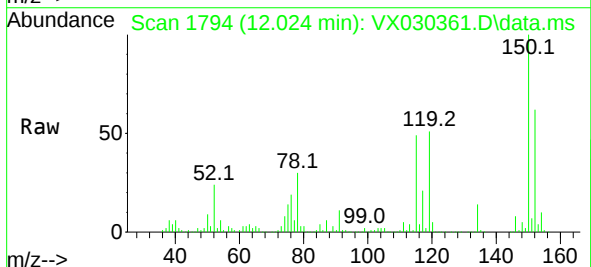
Tgt Ion:152 Resp: 111602

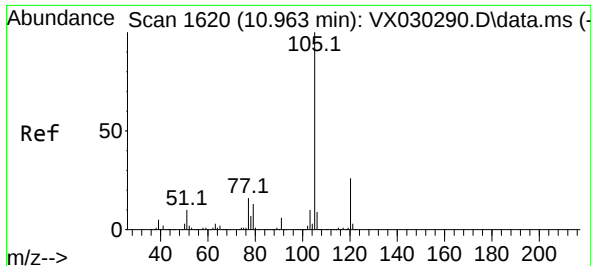
Ion Ratio Lower Upper

152 100

115 94.1 40.5 121.5

150 178.1 0.0 347.0

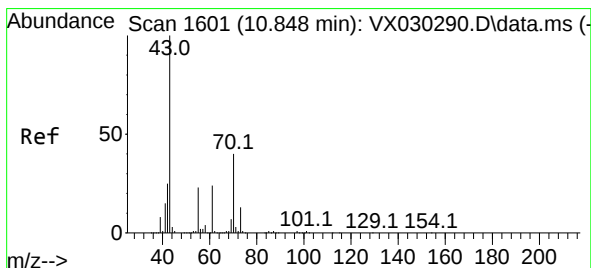
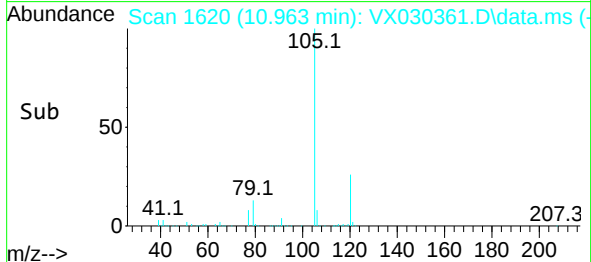
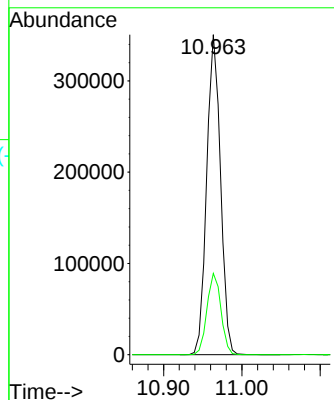
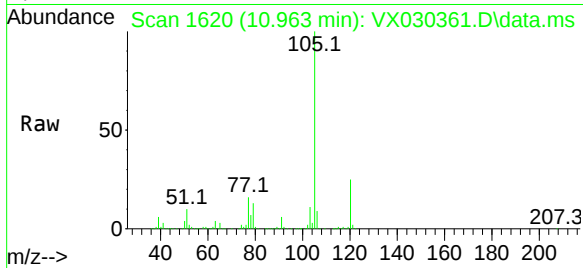




#73  
Isopropylbenzene  
Concen: 49.044 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

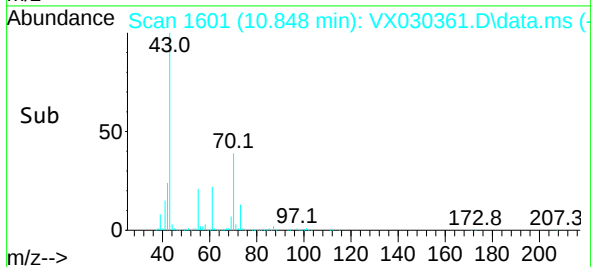
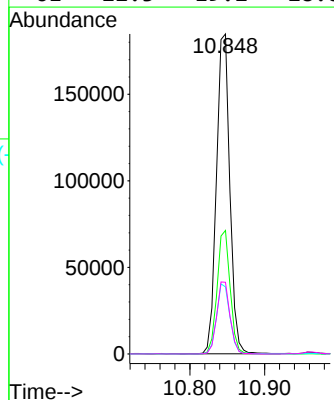
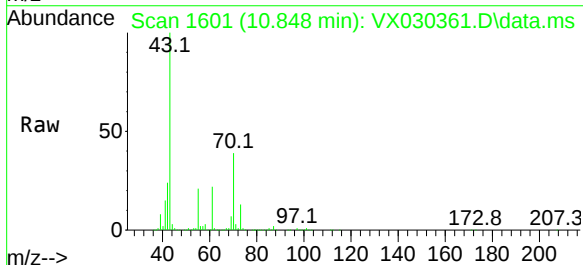
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

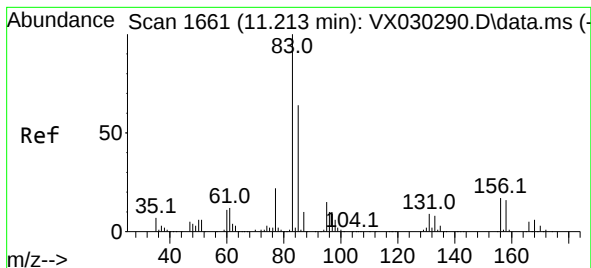
Tgt Ion:105 Resp: 427288  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.5 40.4



#74  
N-ethyl acetate  
Concen: 54.422 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 43 Resp: 230443  
Ion Ratio Lower Upper  
43 100  
70 37.8 32.3 48.5  
55 21.8 18.4 27.6  
61 22.3 19.2 28.8

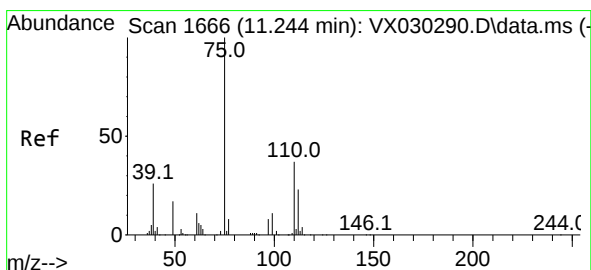
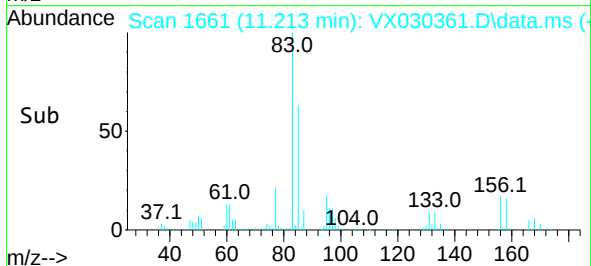
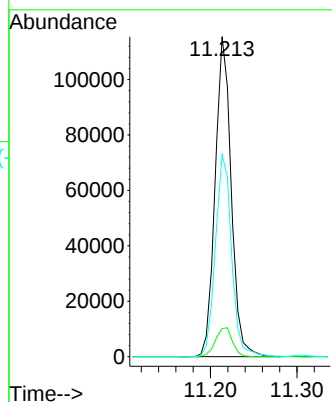
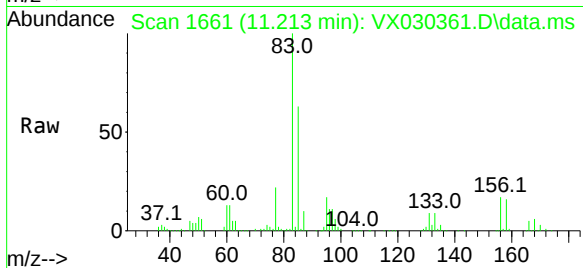




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 46.709 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX030361.D  
 Acq: 03 Aug 2022 11:14

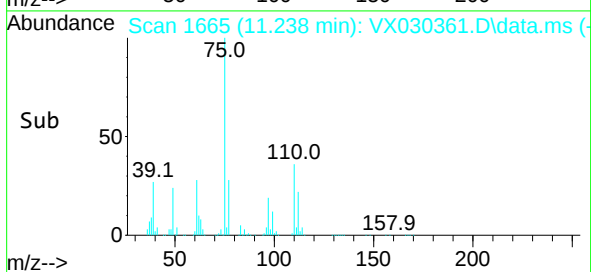
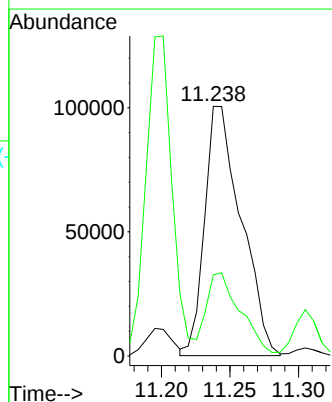
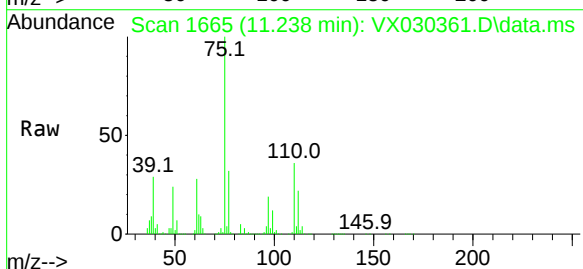
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

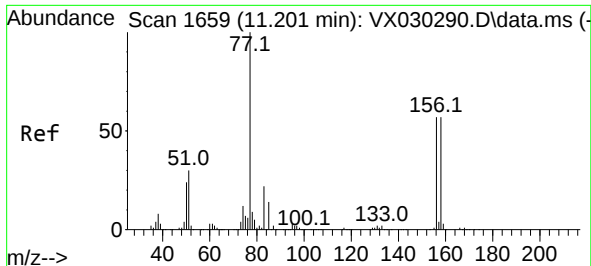
Tgt Ion: 83 Resp: 148950  
 Ion Ratio Lower Upper  
 83 100  
 131 9.6 4.5 13.7  
 85 63.8 32.5 97.5



#76  
 1,2,3-Trichloropropane  
 Concen: 63.521 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. -0.005 min  
 Lab File: VX030361.D  
 Acq: 03 Aug 2022 11:14

Tgt Ion: 75 Resp: 186863  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 19.8 59.3

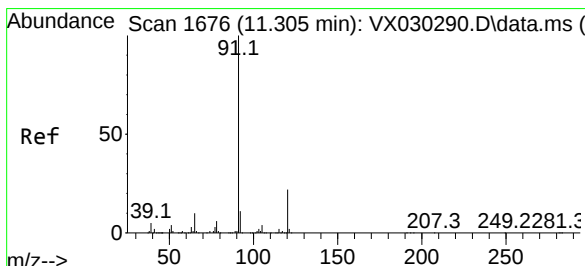
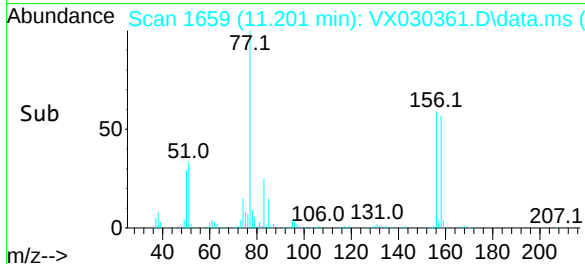
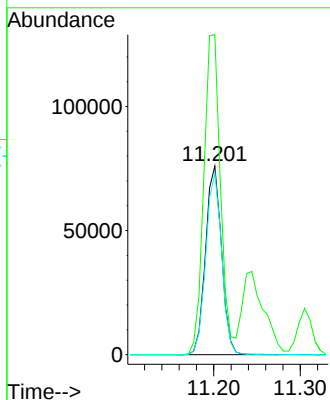
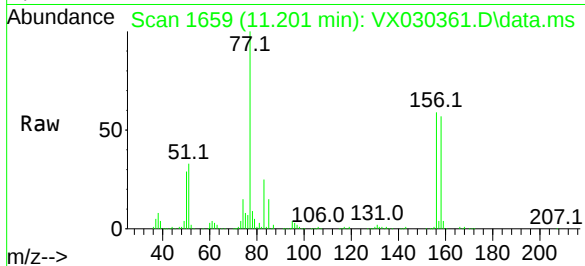




#77  
Bromobenzene  
Concen: 47.652 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

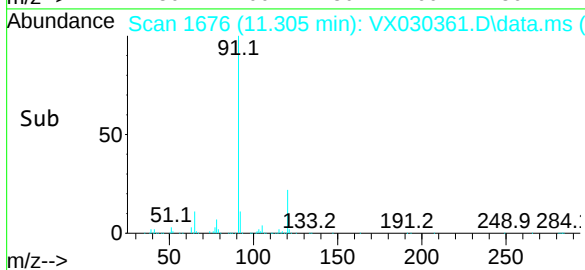
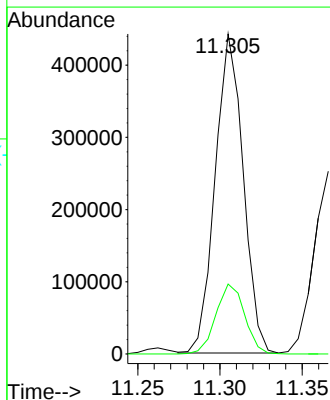
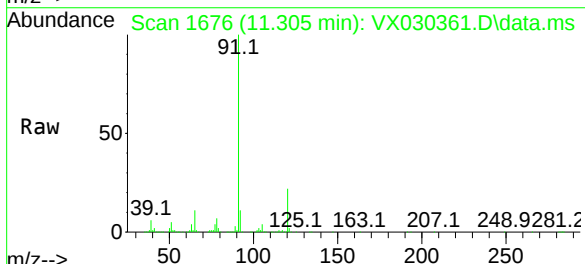
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

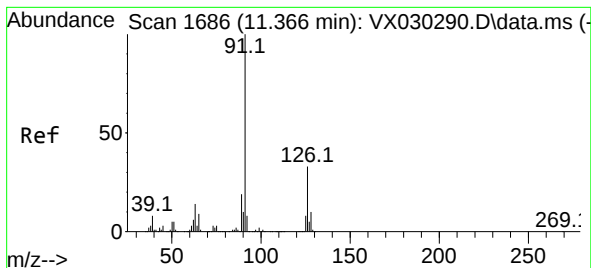
Tgt Ion:156 Resp: 97444  
Ion Ratio Lower Upper  
156 100  
77 177.6 82.7 247.9  
158 95.4 47.5 142.5



#78  
n-propylbenzene  
Concen: 50.297 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.005 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 91 Resp: 523016  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.6 34.8

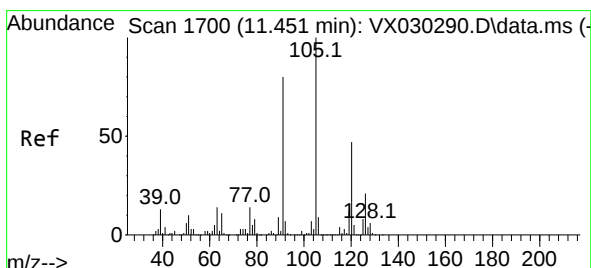
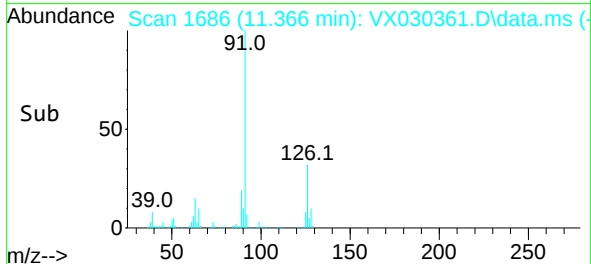
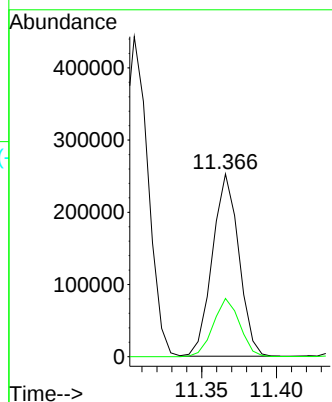
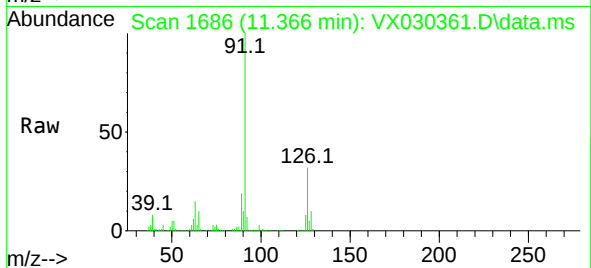




#79  
2-Chlorotoluene  
Concen: 47.386 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

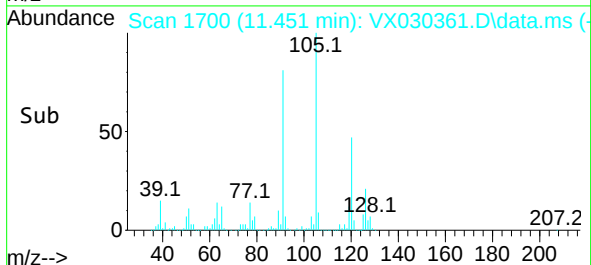
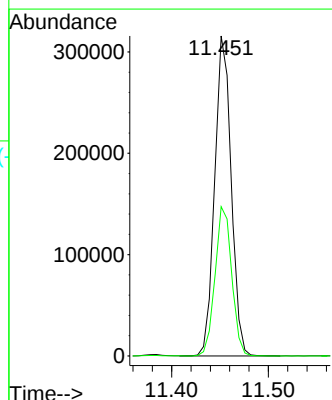
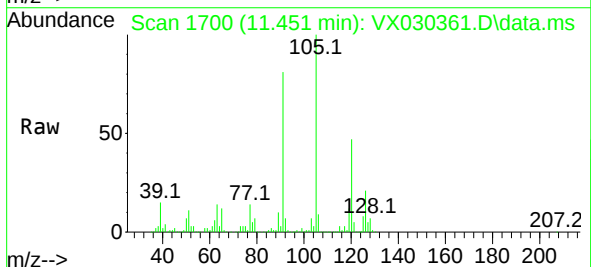
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

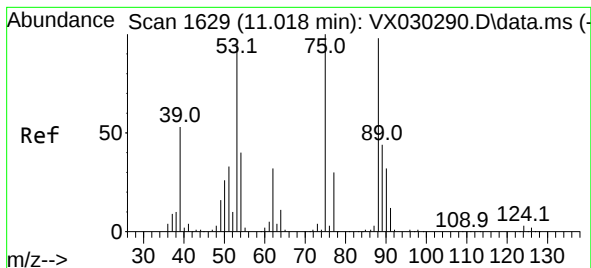
Tgt Ion: 91 Resp: 311165  
Ion Ratio Lower Upper  
91 100  
126 31.9 17.4 52.3



#80  
1,3,5-Trimethylbenzene  
Concen: 51.165 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 105 Resp: 373263  
Ion Ratio Lower Upper  
105 100  
120 47.2 24.4 73.2

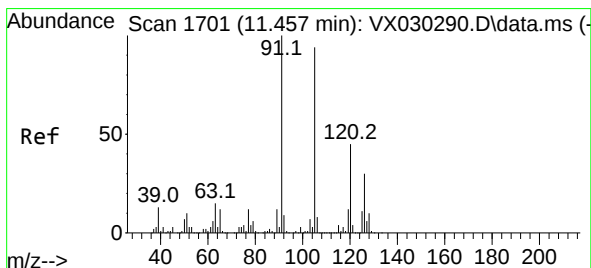
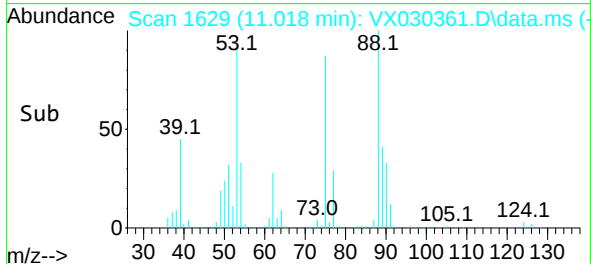
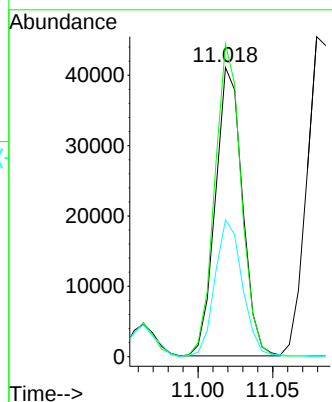
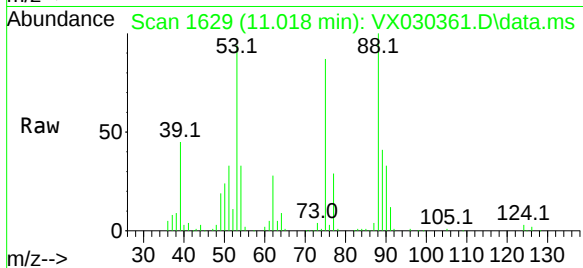




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.355 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.006 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

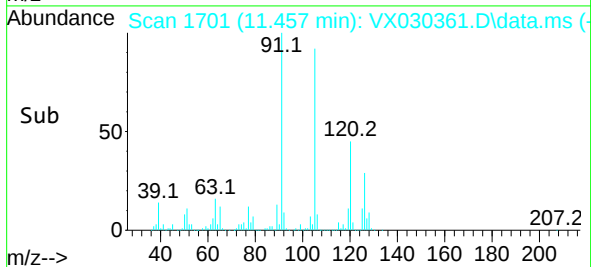
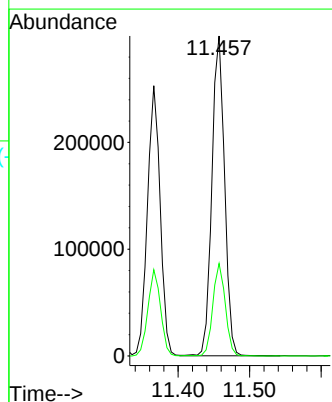
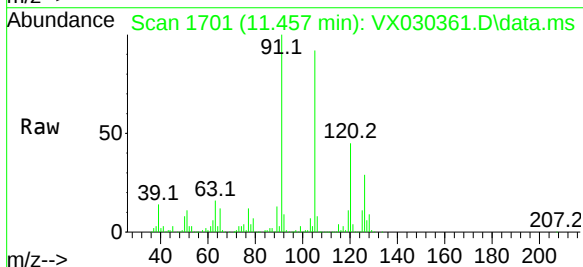
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

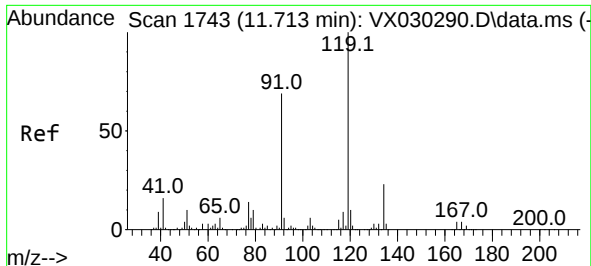
Tgt Ion: 75 Resp: 51340  
Ion Ratio Lower Upper  
75 100  
53 106.1 74.2 111.4  
89 48.7 34.8 52.2



#82  
4-Chlorotoluene  
Concen: 51.402 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 91 Resp: 368789  
Ion Ratio Lower Upper  
91 100  
126 28.4 15.3 45.9

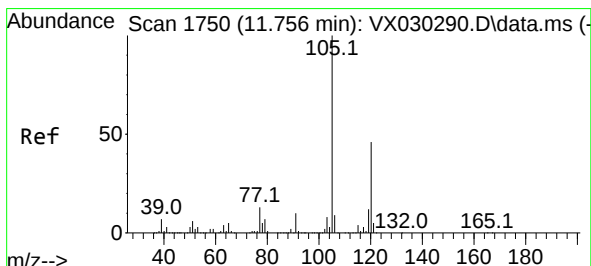
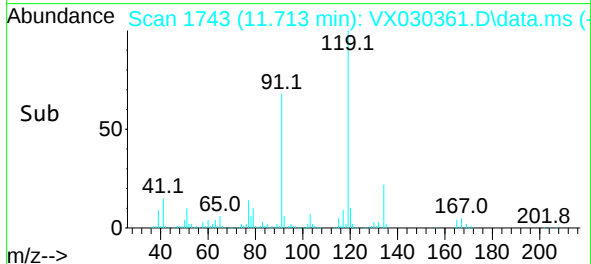
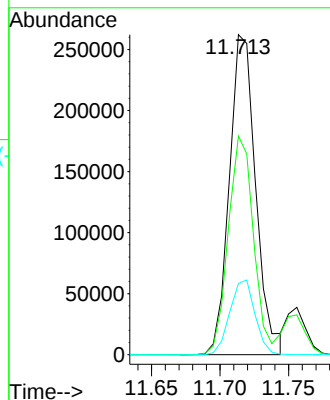
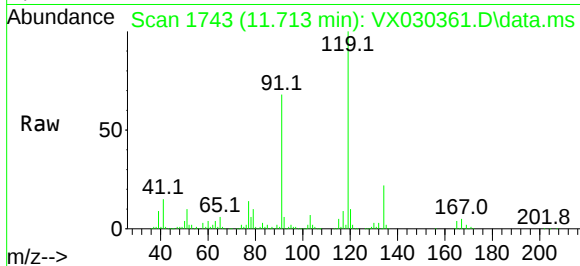




#83  
tert-Butylbenzene  
Concen: 52.011 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.006 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

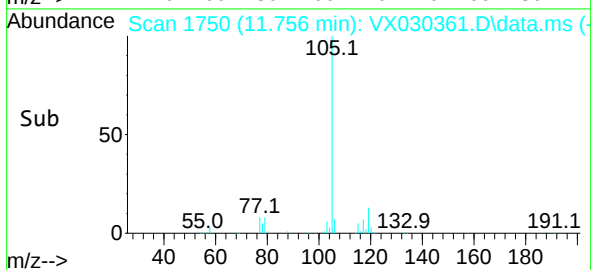
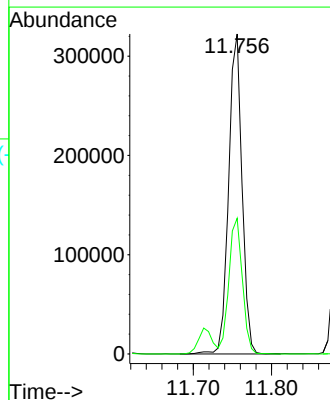
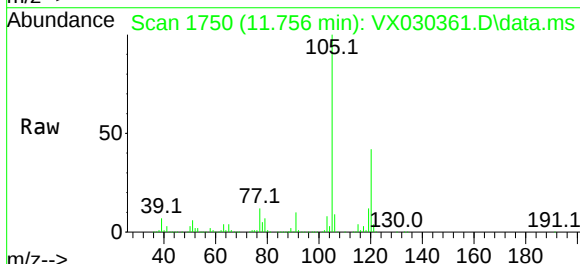
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

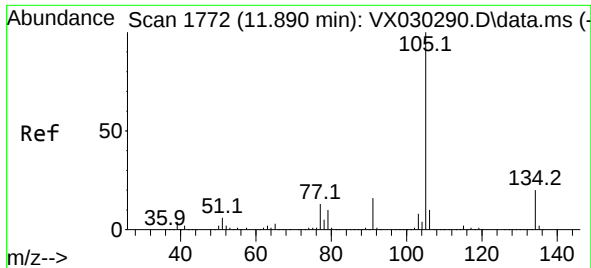
Tgt Ion:119 Resp: 351690  
Ion Ratio Lower Upper  
119 100  
91 65.2 28.3 84.9  
134 22.3 11.2 33.5



#84  
1,2,4-Trimethylbenzene  
Concen: 52.589 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion:105 Resp: 382753  
Ion Ratio Lower Upper  
105 100  
120 42.9 22.9 68.8

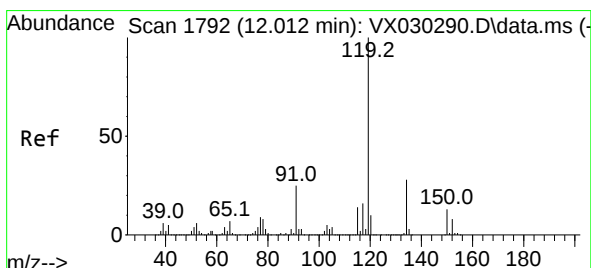
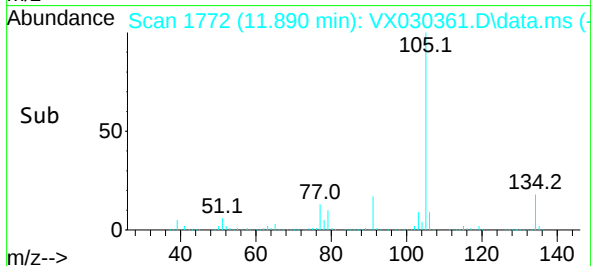
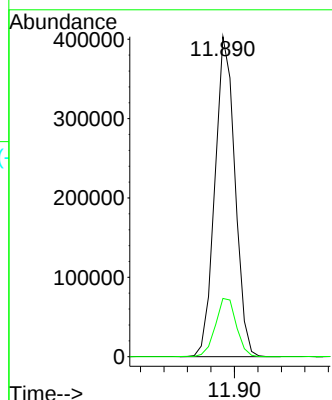
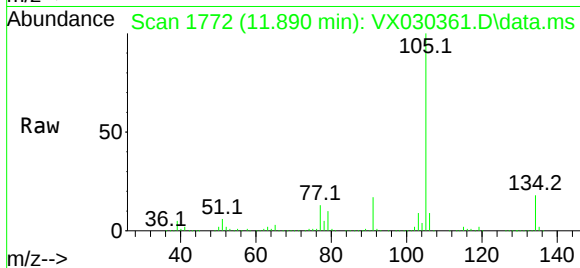




#85  
 sec-Butylbenzene  
 Concen: 51.762 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.006 min  
 Lab File: VX030361.D  
 Acq: 03 Aug 2022 11:14

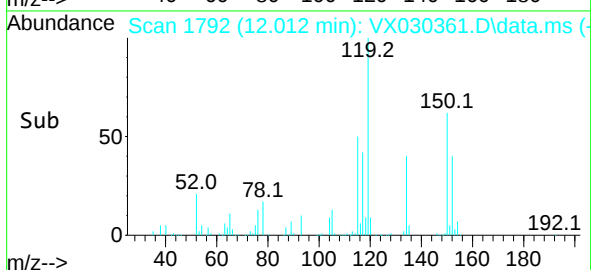
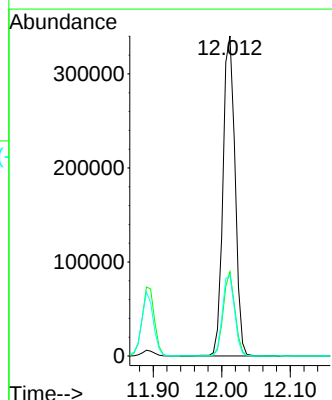
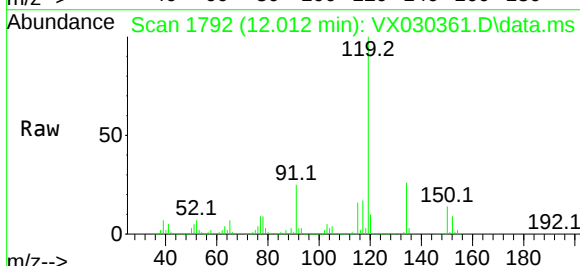
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

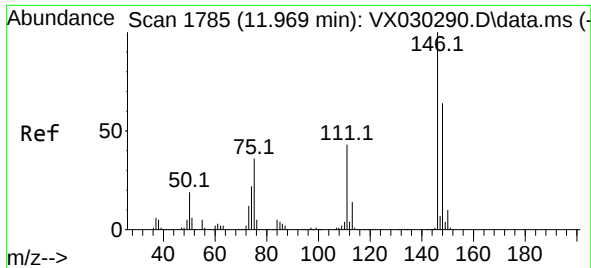
Tgt Ion:105 Resp: 479055  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 10.0 30.0



#86  
 p-Isopropyltoluene  
 Concen: 55.991 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX030361.D  
 Acq: 03 Aug 2022 11:14

Tgt Ion:119 Resp: 414577  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 13.9 41.6  
 91 25.5 11.8 35.3

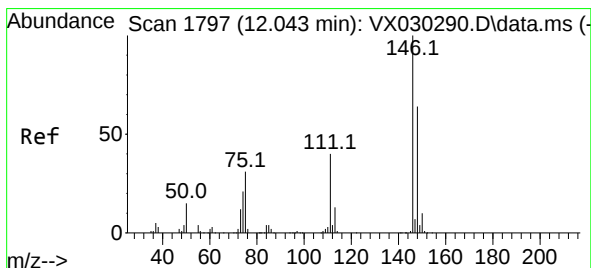
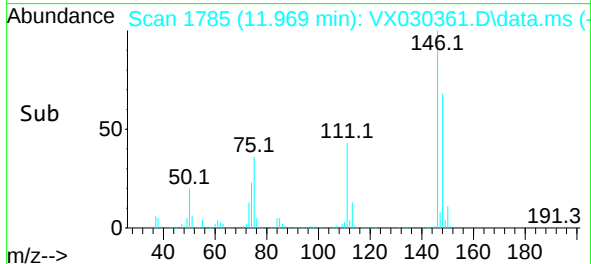
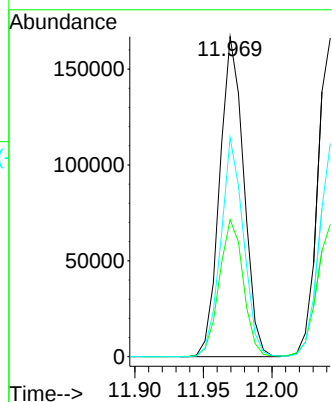
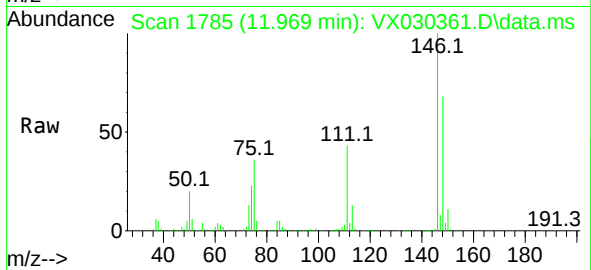




#87  
1,3-Dichlorobenzene  
Concen: 51.137 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.006 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

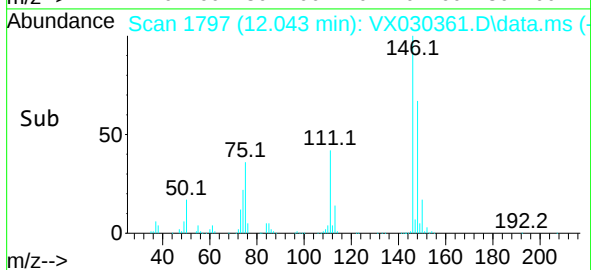
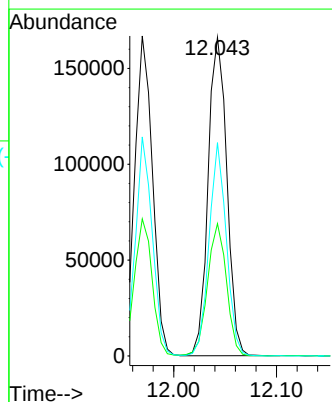
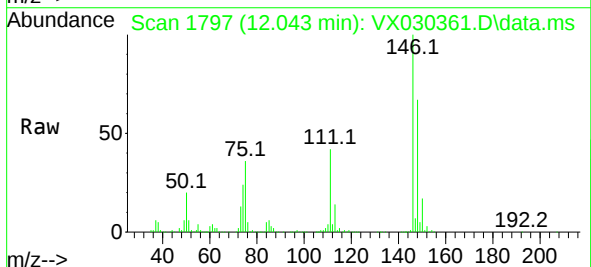
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

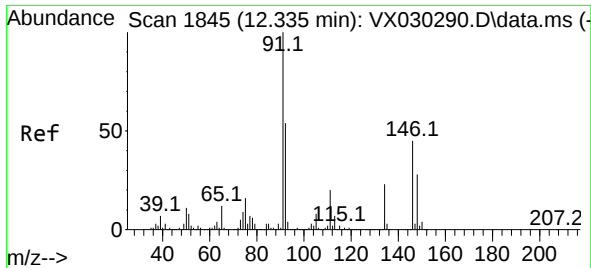
Tgt Ion:146 Resp: 203369  
Ion Ratio Lower Upper  
146 100  
111 42.8 20.3 60.8  
148 64.5 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 51.949 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.001 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion:146 Resp: 210312  
Ion Ratio Lower Upper  
146 100  
111 42.0 20.3 60.9  
148 61.9 32.3 96.8

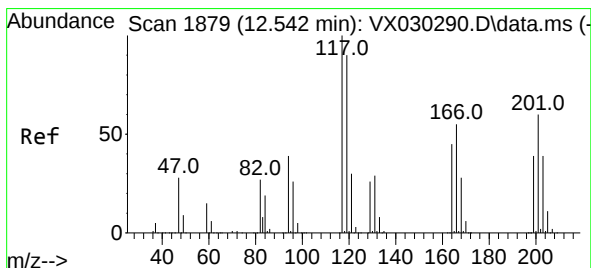
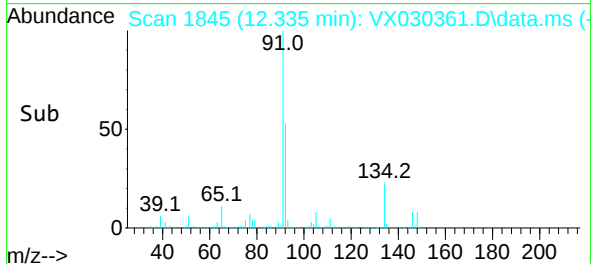
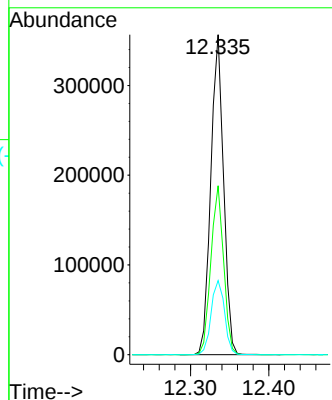
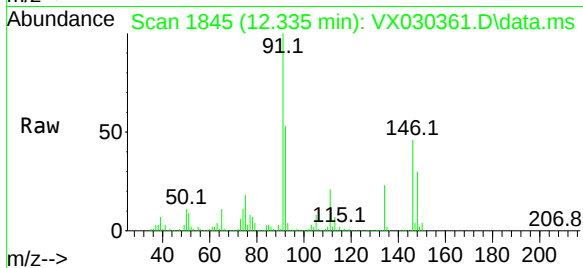




#89  
n-Butylbenzene  
Concen: 58.416 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

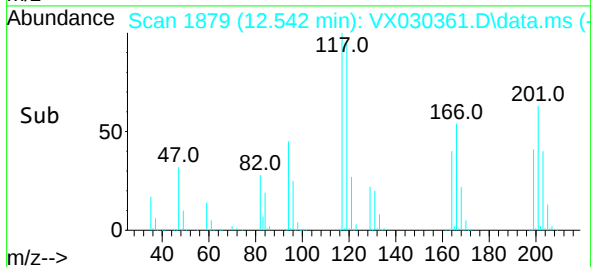
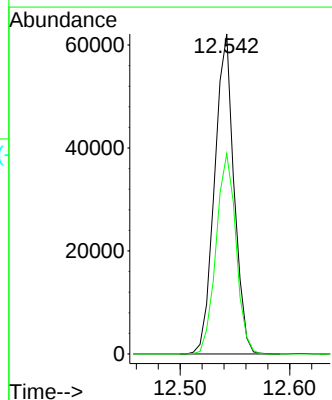
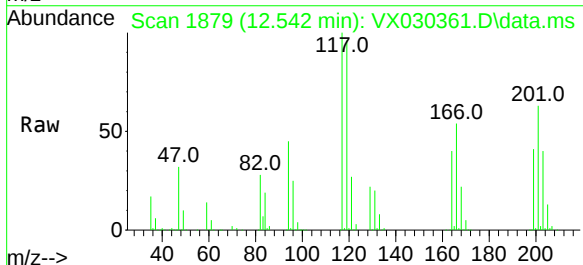
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ClientSampleId :  
VSTDCCC050

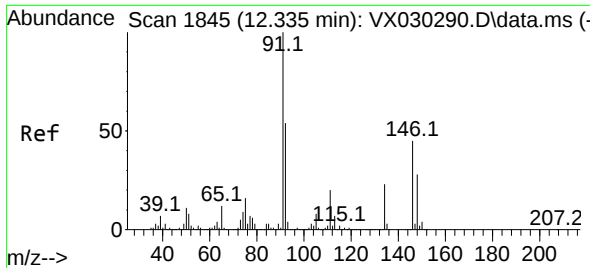
Tgt Ion: 91 Resp: 402694  
Ion Ratio Lower Upper  
91 100  
92 52.7 26.2 78.5  
134 24.3 12.6 37.8



#90  
Hexachloroethane  
Concen: 60.111 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX030361.D  
Acq: 03 Aug 2022 11:14

Tgt Ion: 117 Resp: 76633  
Ion Ratio Lower Upper  
117 100  
201 64.1 34.2 102.5

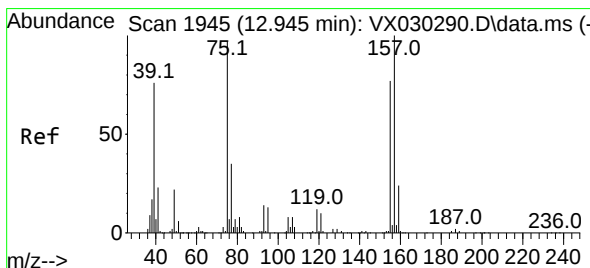
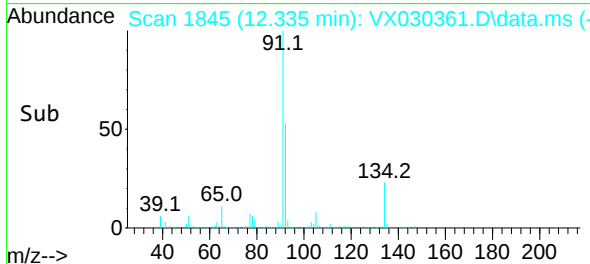
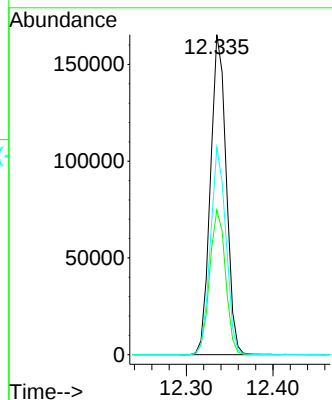
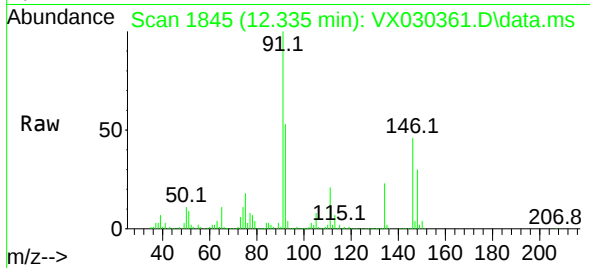




#91  
 1,2-Dichlorobenzene  
 Concen: 53.552 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. -0.006 min  
 Lab File: VX030361.D  
 Acq: 03 Aug 2022 11:14

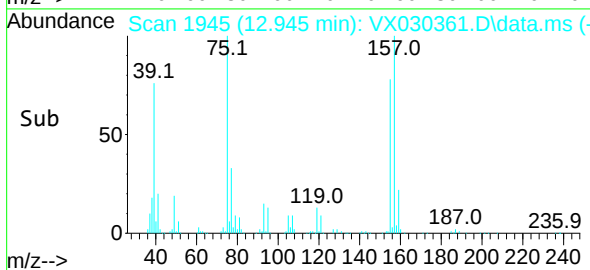
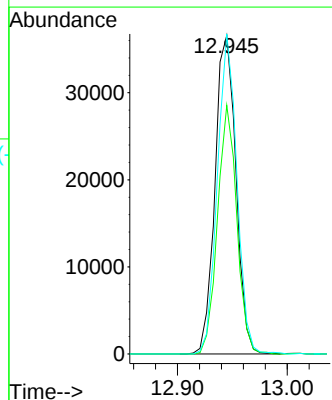
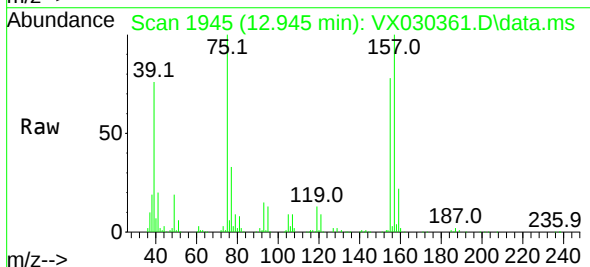
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

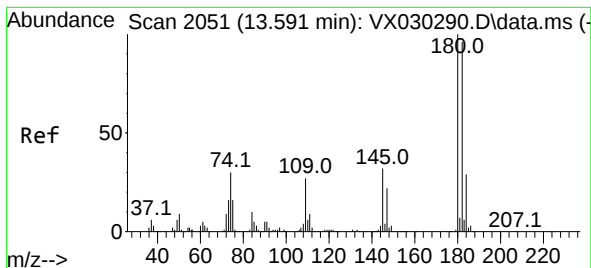
Tgt Ion:146 Resp: 209041  
 Ion Ratio Lower Upper  
 146 100  
 111 45.5 20.7 62.1  
 148 63.7 32.0 96.2



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 63.410 ug/l  
 RT: 12.945 min Scan# 1945  
 Delta R.T. 0.001 min  
 Lab File: VX030361.D  
 Acq: 03 Aug 2022 11:14

Tgt Ion: 75 Resp: 48498  
 Ion Ratio Lower Upper  
 75 100  
 155 71.9 45.0 134.8  
 157 93.7 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 57.098 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

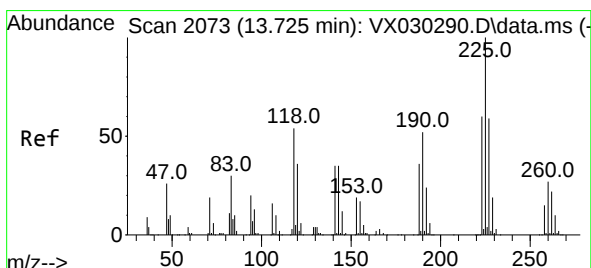
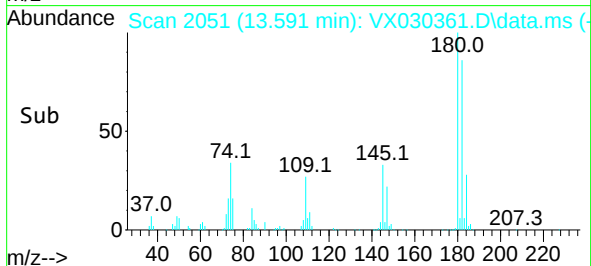
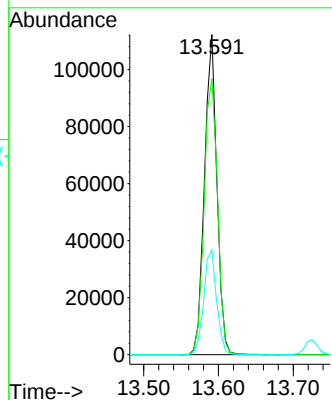
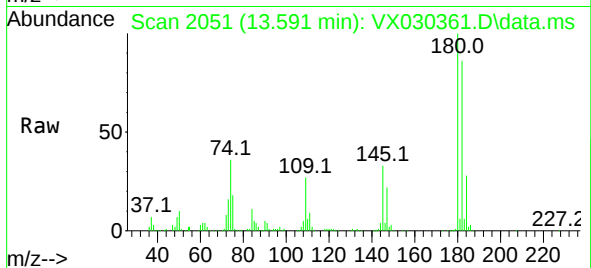
Tgt Ion:180 Resp: 129253

Ion Ratio Lower Upper

180 100

182 93.0 48.2 144.6

145 34.1 15.9 47.6



#94

Hexachlorobutadiene

Concen: 58.599 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

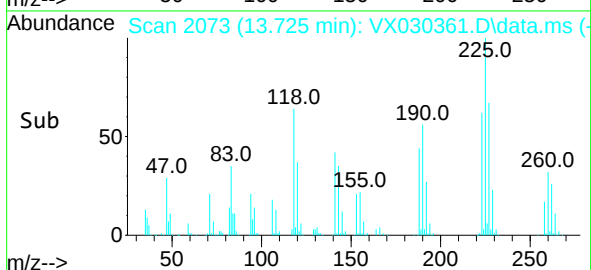
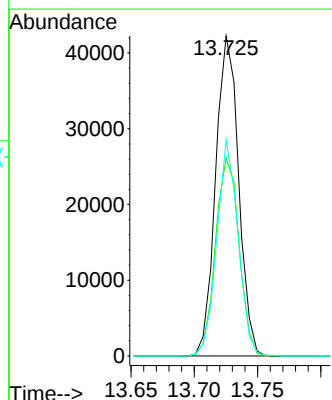
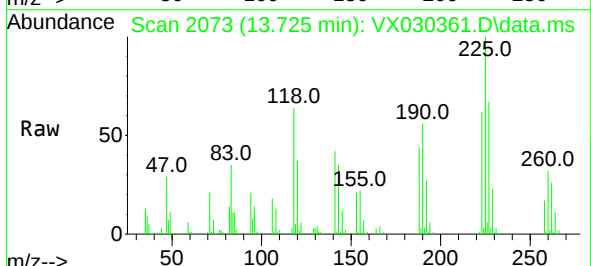
Tgt Ion:225 Resp: 53263

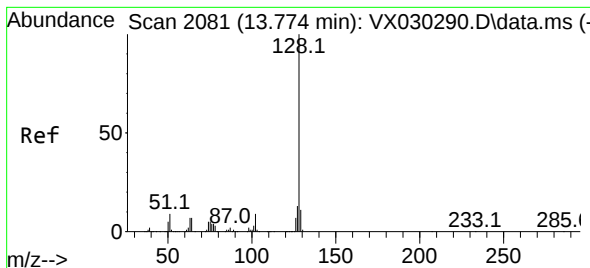
Ion Ratio Lower Upper

225 100

223 63.4 30.6 91.6

227 62.7 31.9 95.9





#95

Naphthalene

Concen: 57.672 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

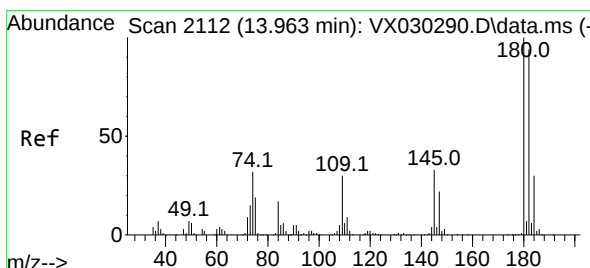
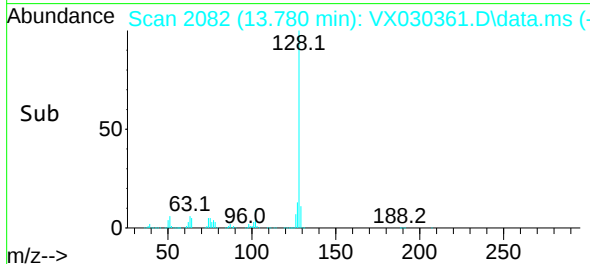
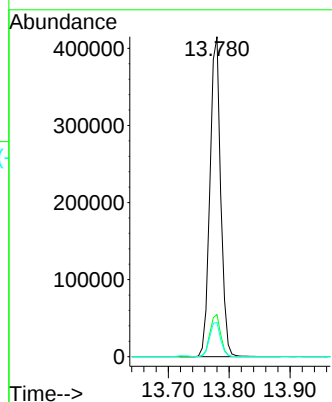
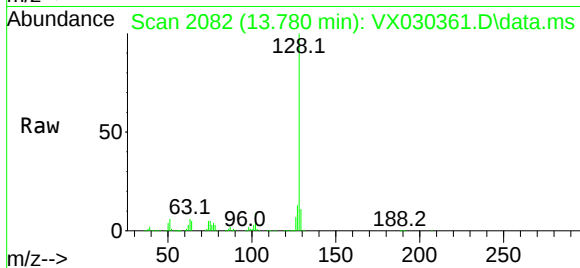
Tgt Ion:128 Resp: 509955

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 58.518 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.001 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Tgt Ion:180 Resp: 135855

Ion Ratio Lower Upper

180 100

182 93.9 47.0 141.0

145 35.5 17.0 50.9

