

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050823\  
 Data File : VX035551.D  
 Acq On : 08 May 2023 11:38  
 Operator : JC/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0050

Quant Time: May 09 03:39:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 16:31:40 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 293067   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 452486   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 398450   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 199577   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 179797   | 50.852   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 101.700% |      |
| 35) Dibromofluoromethane    | 5.379  | 113   | 152299   | 54.839   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 109.680% |      |
| 50) Toluene-d8              | 8.647  | 98    | 539392   | 51.485   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 102.980% |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 209947   | 53.271   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 106.540% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 150000  | 48.371  | ug/l   | 99  |
| 3) Chloromethane             | 1.294 | 50  | 118564  | 42.029  | ug/l   | 99  |
| 4) Vinyl Chloride            | 1.374 | 62  | 128387  | 45.376  | ug/l   | 97  |
| 5) Bromomethane              | 1.617 | 94  | 79924   | 42.501  | ug/l   | 97  |
| 6) Chloroethane              | 1.691 | 64  | 71362   | 43.125  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 222754  | 50.345  | ug/l   | 99  |
| 8) Diethyl Ether             | 2.130 | 74  | 76401   | 47.359  | ug/l   | 93  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 154125  | 52.154  | ug/l   | 96  |
| 10) Methyl Iodide            | 2.453 | 142 | 174514  | 46.791  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 2.995 | 59  | 163162  | 253.445 | ug/l # | 94  |
| 12) 1,1-Dichloroethene       | 2.318 | 96  | 142921  | 50.211  | ug/l   | 96  |
| 13) Acrolein                 | 2.239 | 56  | 146519  | 231.428 | ug/l   | 99  |
| 14) Allyl chloride           | 2.666 | 41  | 259772  | 51.860  | ug/l   | 97  |
| 15) Acrylonitrile            | 3.062 | 53  | 405035  | 251.551 | ug/l   | 100 |
| 16) Acetone                  | 2.392 | 43  | 409232  | 266.496 | ug/l   | 98  |
| 17) Carbon Disulfide         | 2.514 | 76  | 361083  | 52.918  | ug/l   | 100 |
| 18) Methyl Acetate           | 2.703 | 43  | 307969  | 51.863  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 513851  | 52.620  | ug/l   | 97  |
| 20) Methylene Chloride       | 2.788 | 84  | 165595  | 47.030  | ug/l   | 90  |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 156967  | 50.775  | ug/l   | 95  |
| 22) Diisopropyl ether        | 3.757 | 45  | 503773  | 50.822  | ug/l   | 90  |
| 23) Vinyl Acetate            | 3.715 | 43  | 1845621 | 270.877 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 286796  | 51.366  | ug/l   | 99  |
| 25) 2-Butanone               | 4.556 | 43  | 567663  | 253.266 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 244379  | 55.868  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 184206  | 50.692  | ug/l   | 96  |
| 28) Bromochloromethane       | 4.891 | 49  | 110230  | 46.327  | ug/l   | 86  |
| 29) Tetrahydrofuran          | 5.007 | 42  | 350669  | 244.058 | ug/l   | 95  |
| 30) Chloroform               | 5.086 | 83  | 295834  | 52.486  | ug/l   | 97  |
| 31) Cyclohexane              | 5.470 | 56  | 256812  | 51.204  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 265841  | 53.817  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 223699  | 51.585  | ug/l   | 98  |
| 37) Ethyl Acetate            | 4.708 | 43  | 211168  | 53.316  | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 235363  | 57.173  | ug/l   | 100 |
| 39) Methylcyclohexane        | 7.379 | 83  | 281316  | 53.294  | ug/l   | 99  |
| 40) Benzene                  | 6.031 | 78  | 641357  | 51.557  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050823\  
 Data File : VX035551.D  
 Acq On : 08 May 2023 11:38  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 09 03:39:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 16:31:40 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 122969   | 54.184  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 233336   | 52.607  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 364631   | 54.789  | ug/l   | 96       |
| 44) Trichloroethene           | 7.123  | 130  | 181962   | 53.097  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 168278   | 53.656  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 116084   | 53.900  | ug/l   | 94       |
| 47) Bromodichloromethane      | 7.818  | 83   | 227730   | 57.390  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.689  | 41   | 184467   | 56.506  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 7.708  | 88   | 77865    | 978.519 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 1083862  | 265.087 | ug/l   | 96       |
| 52) Toluene                   | 8.720  | 92   | 416034   | 52.761  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 253328   | 61.131  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 276670   | 59.067  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 165490   | 52.646  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 262970   | 56.158  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 282546   | 52.550  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 558469   | 238.516 | ug/l   | 95       |
| 59) 2-Hexanone                | 9.427  | 43   | 822372   | 267.731 | ug/l   | 94       |
| 60) Dibromochloromethane      | 9.518  | 129  | 178448   | 59.250  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 176142   | 54.355  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 157599   | 51.658  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 445207   | 51.645  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 169320   | 56.437  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 797898   | 53.446  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 615748   | 107.639 | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 303715   | 54.143  | ug/l   | 98       |
| 70) Styrene                   | 10.652 | 104  | 502318   | 55.229  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 127963   | 61.320  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 790779   | 54.204  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 313779   | 57.232  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 238742   | 52.724  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 271650   | 68.235  | ug/l   | 83       |
| 77) Bromobenzene              | 11.195 | 156  | 194891   | 53.742  | ug/l   | 91       |
| 78) n-propylbenzene           | 11.305 | 91   | 914382   | 54.573  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 548844   | 52.421  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 672484   | 54.668  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 74322    | 60.464  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 626612   | 53.286  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 689618   | 55.873  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 675735   | 54.671  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 817920   | 54.025  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 711546   | 55.260  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 371882   | 53.960  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 368954   | 51.060  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 600023   | 55.201  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 118742   | 60.242  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 359040   | 52.089  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 53566    | 58.994  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 235467   | 54.347  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 102539   | 53.924  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 746452   | 55.963  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 232837   | 53.384  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050823\  
Data File : VX035551.D  
Acq On : 08 May 2023 11:38  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

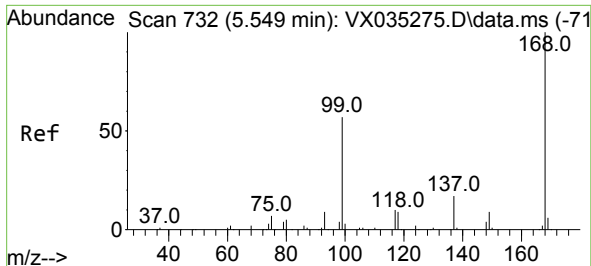
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: May 09 03:39:33 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 25 16:31:40 2023  
Response via : Initial Calibration

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

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

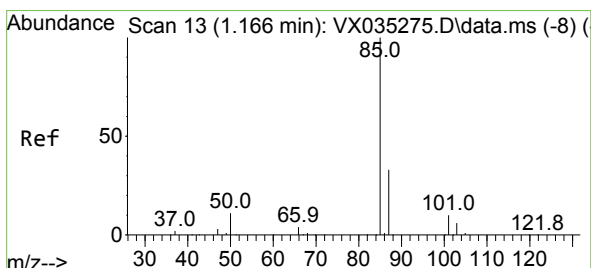
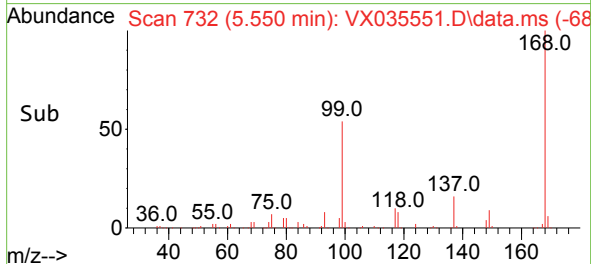
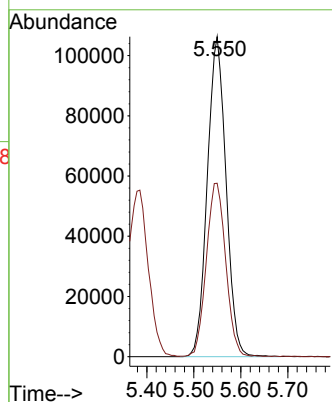
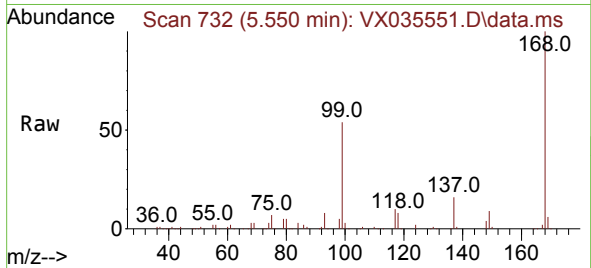




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

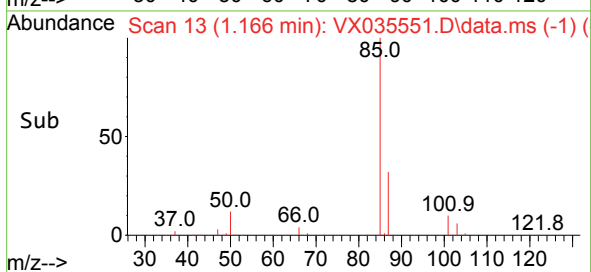
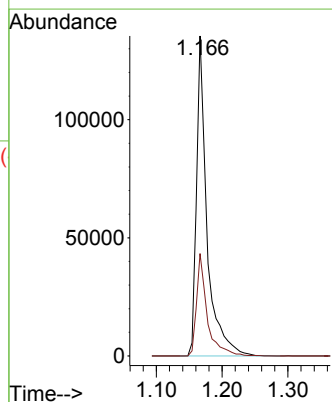
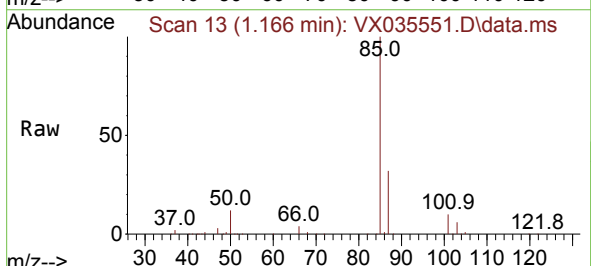
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050

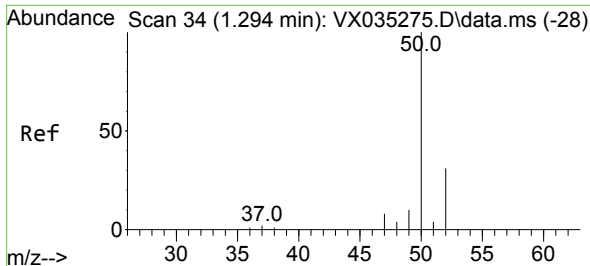
Tgt Ion:168 Resp: 293067  
Ion Ratio Lower Upper  
168 100  
99 54.1 45.7 68.5



#2  
Dichlorodifluoromethane  
Concen: 48.371 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 85 Resp: 150000  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.4 49.1

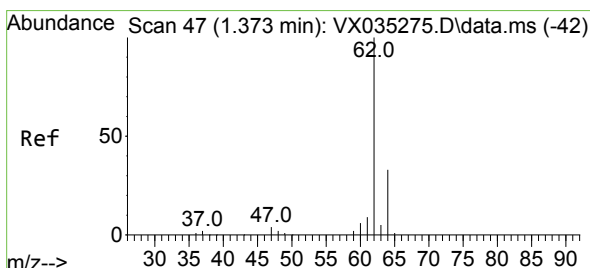
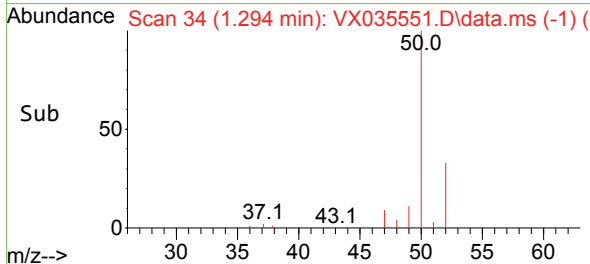
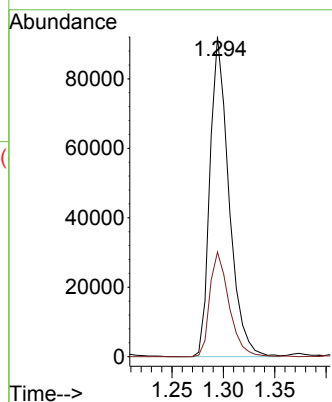
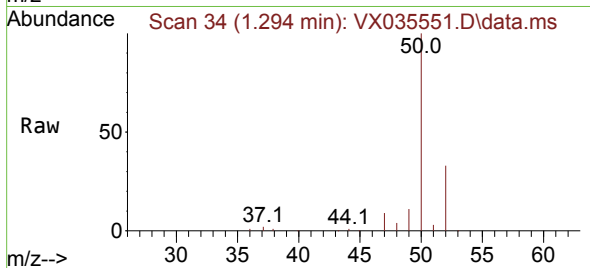




#3  
Chloromethane  
Concen: 42.029 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

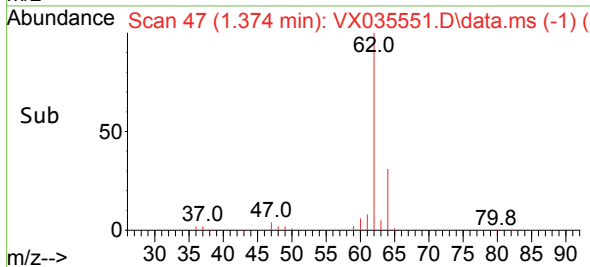
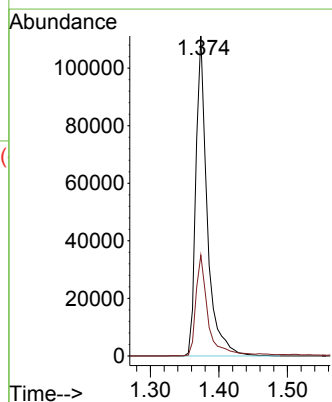
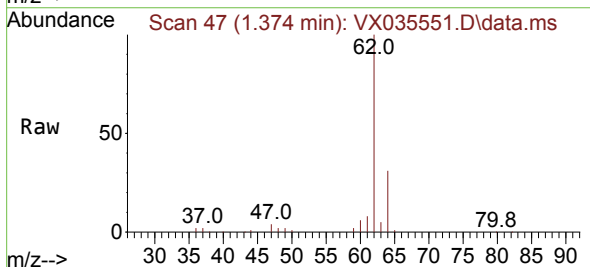
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

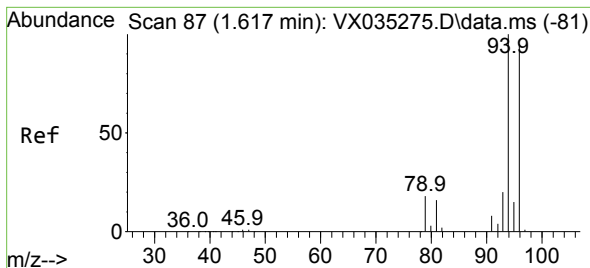
Tgt Ion: 50 Resp: 118564  
Ion Ratio Lower Upper  
50 100  
52 32.7 25.9 38.9



#4  
Vinyl Chloride  
Concen: 45.376 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.001 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 62 Resp: 128387  
Ion Ratio Lower Upper  
62 100  
64 31.4 26.4 39.6





#5

Bromomethane

Concen: 42.501 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

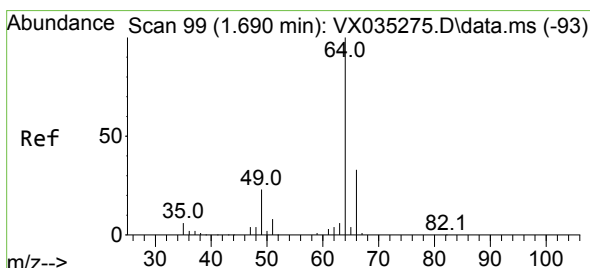
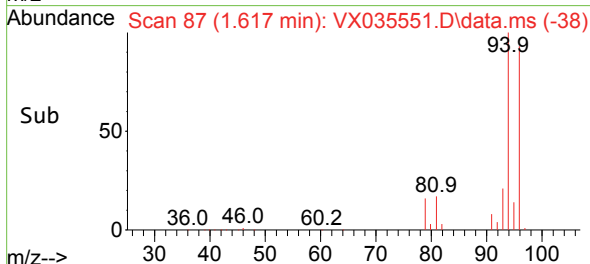
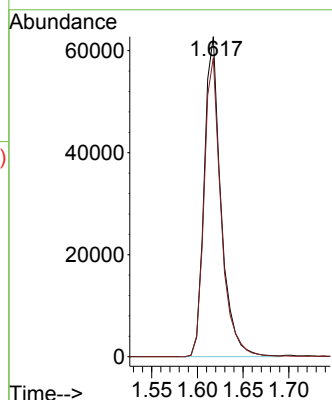
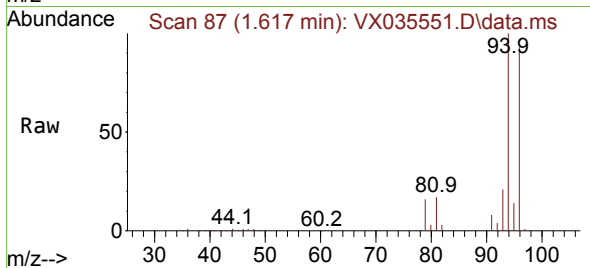
VSTDCCC050

Tgt Ion: 94 Resp: 79924

Ion Ratio Lower Upper

94 100

96 93.4 77.0 115.6



#6

Chloroethane

Concen: 43.125 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.001 min

Lab File: VX035551.D

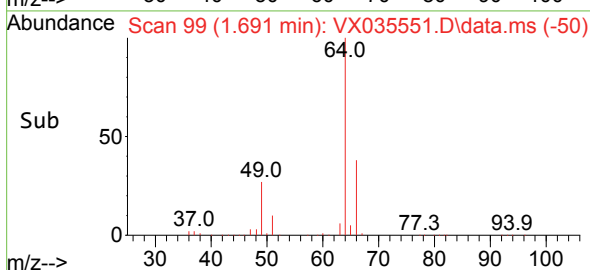
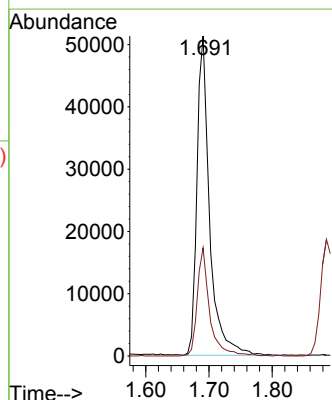
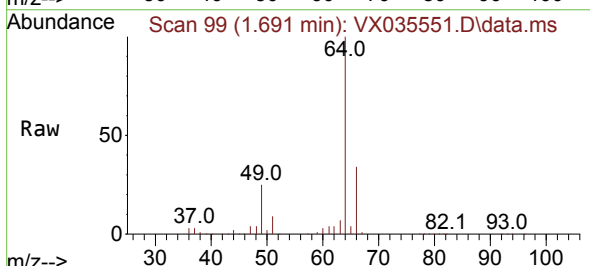
Acq: 08 May 2023 11:38

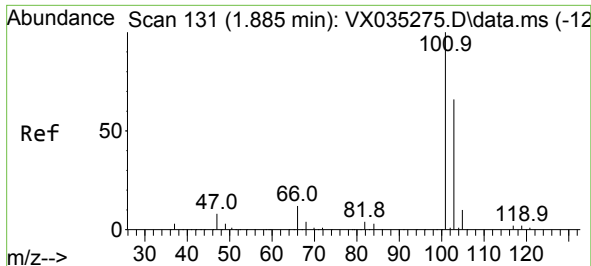
Tgt Ion: 64 Resp: 71362

Ion Ratio Lower Upper

64 100

66 33.9 26.2 39.4

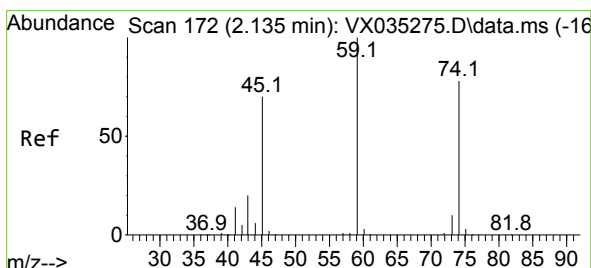
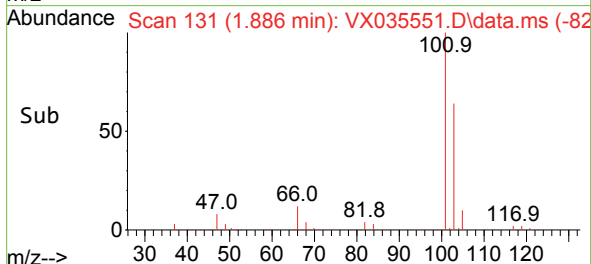
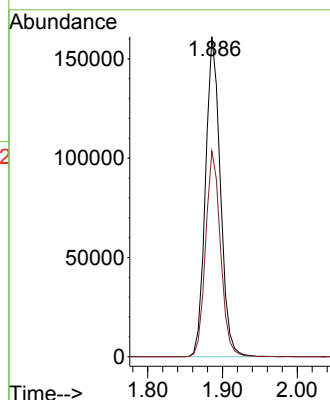
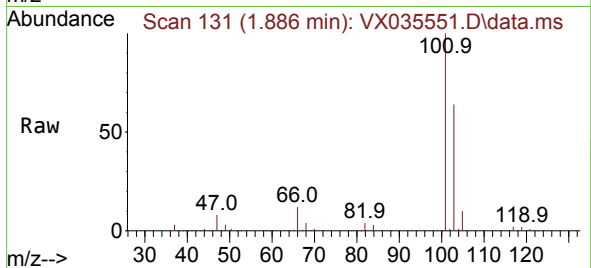




#7  
Trichlorofluoromethane  
Concen: 50.345 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

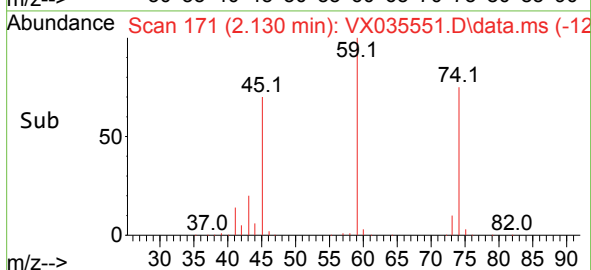
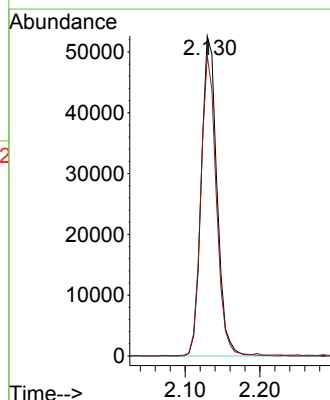
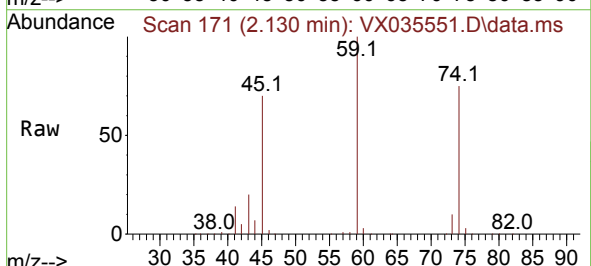
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

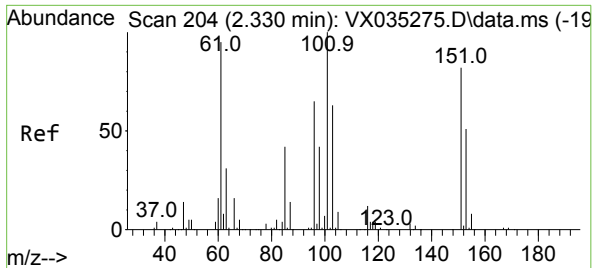
Tgt Ion:101 Resp: 222754  
Ion Ratio Lower Upper  
101 100  
103 64.2 52.0 78.0



#8  
Diethyl Ether  
Concen: 47.359 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.005 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 74 Resp: 76401  
Ion Ratio Lower Upper  
74 100  
45 92.8 49.8 149.3

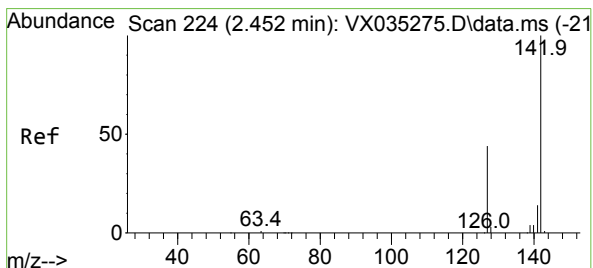
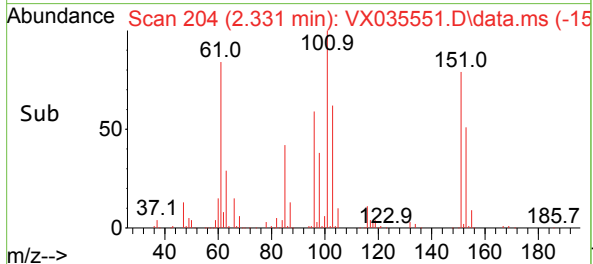
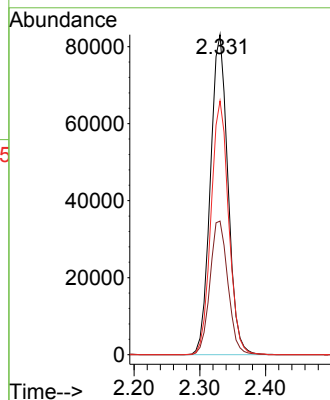
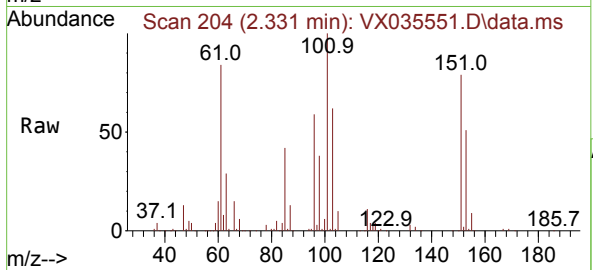




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.154 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.001 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

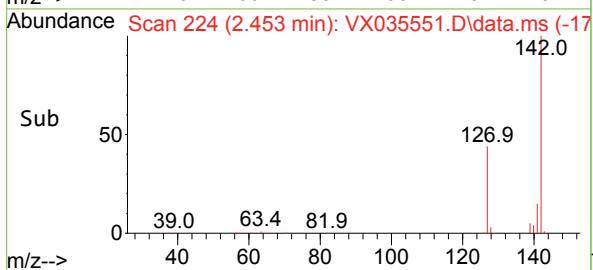
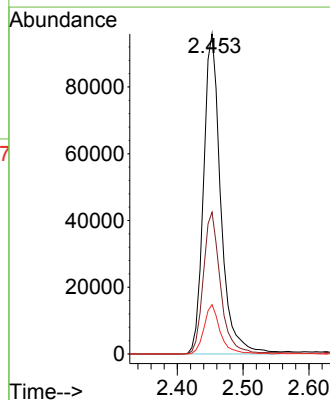
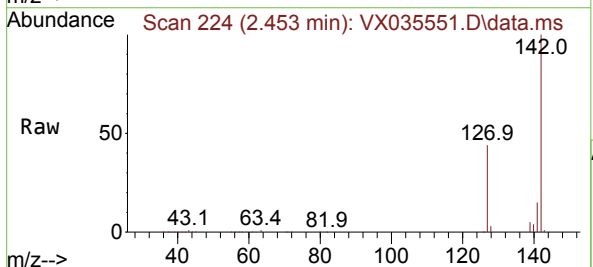
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

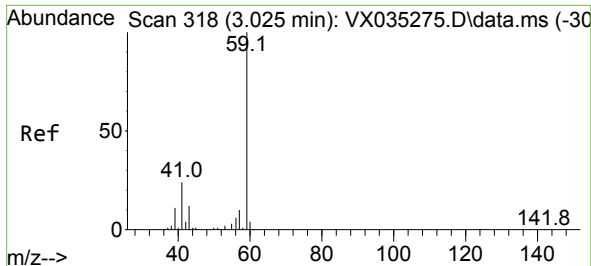
Tgt Ion:101 Resp: 154125  
Ion Ratio Lower Upper  
101 100  
85 42.7 35.4 53.2  
151 79.9 60.2 90.4



#10  
Methyl Iodide  
Concen: 46.791 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.001 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion:142 Resp: 174514  
Ion Ratio Lower Upper  
142 100  
127 44.8 34.0 51.0  
141 14.5 11.1 16.7

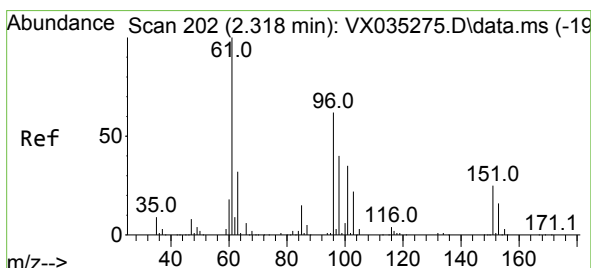
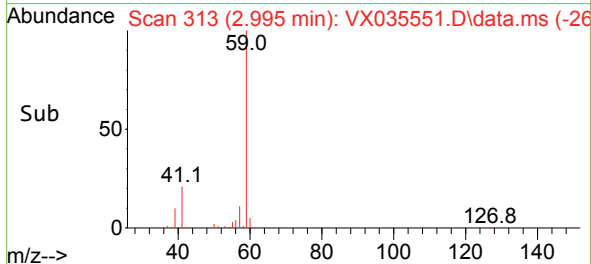
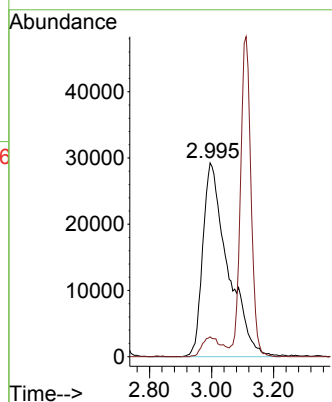
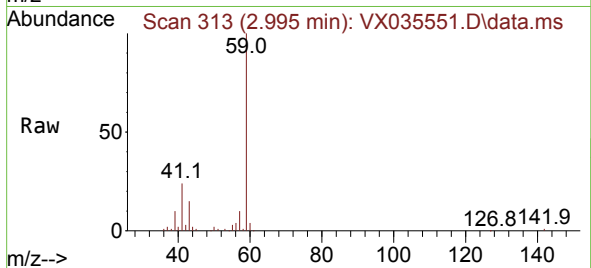




#11  
Tert butyl alcohol  
Concen: 253.445 ug/l  
RT: 2.995 min Scan# 31  
Delta R.T. -0.030 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

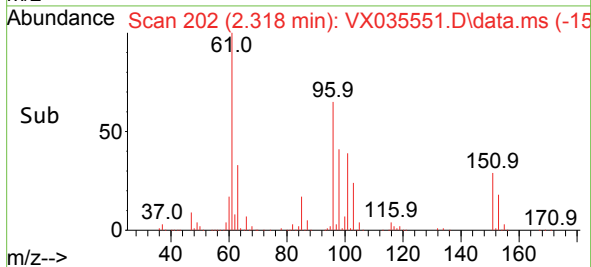
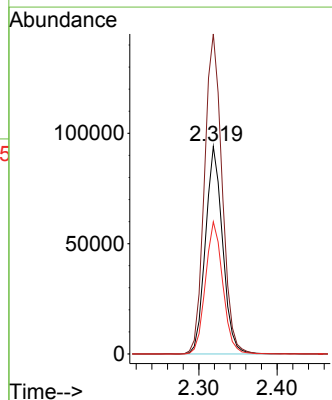
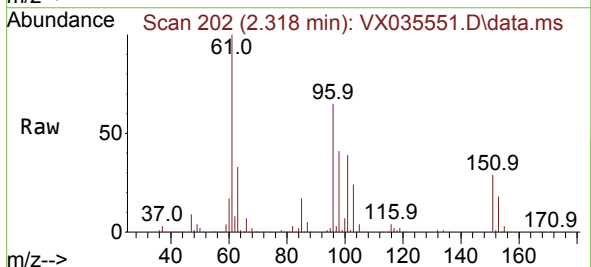
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

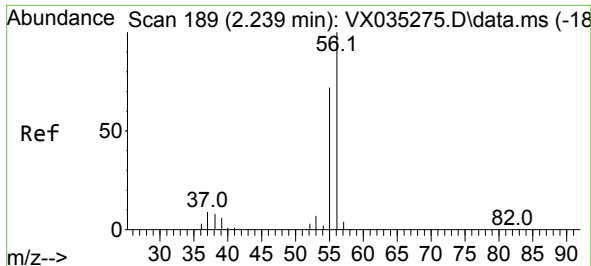
Tgt Ion: 59 Resp: 163162  
Ion Ratio Lower Upper  
59 100  
57 8.0 8.1 12.1#



#12  
1,1-Dichloroethene  
Concen: 50.211 ug/l  
RT: 2.318 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 96 Resp: 142921  
Ion Ratio Lower Upper  
96 100  
61 154.2 128.8 193.2  
98 63.7 51.4 77.0

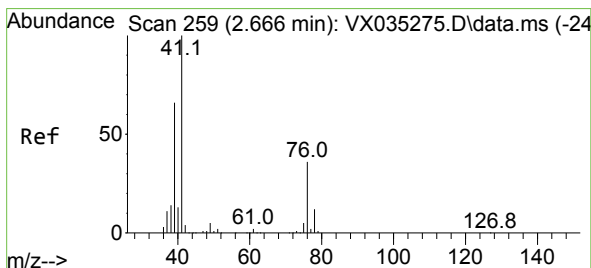
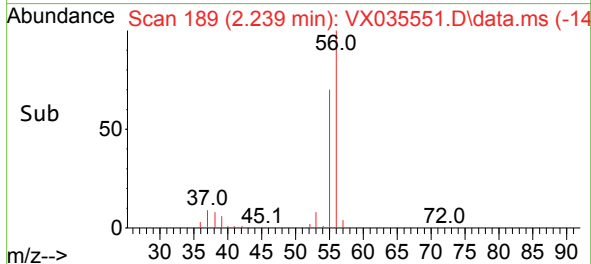
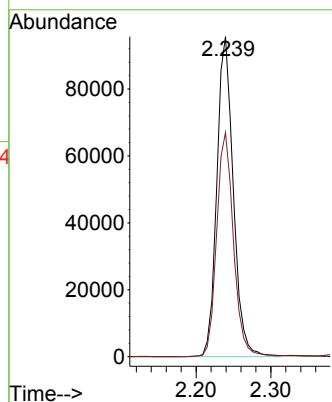
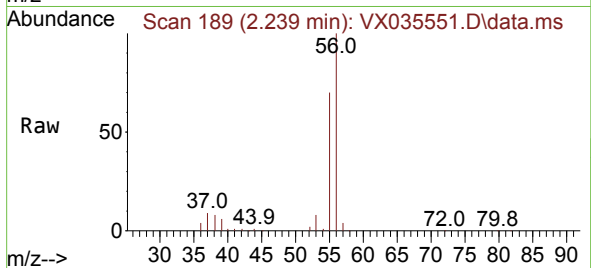




#13  
Acrolein  
Concen: 231.428 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

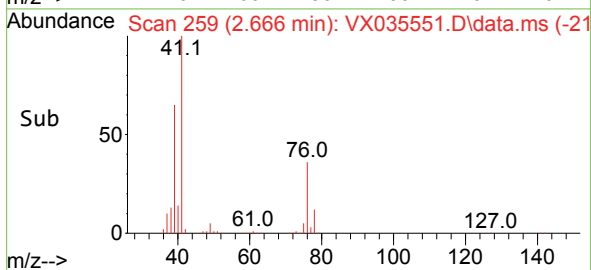
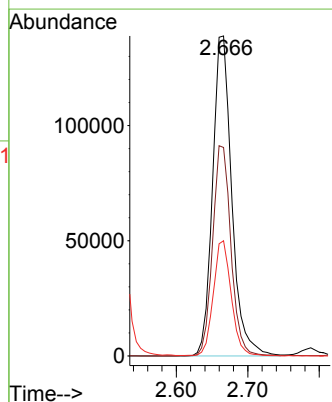
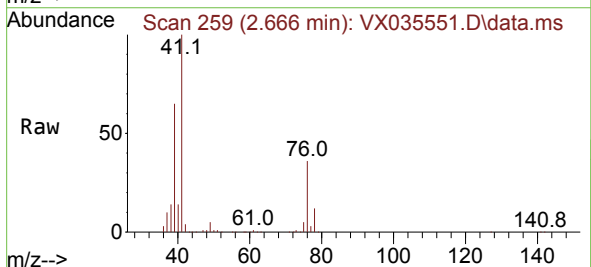
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

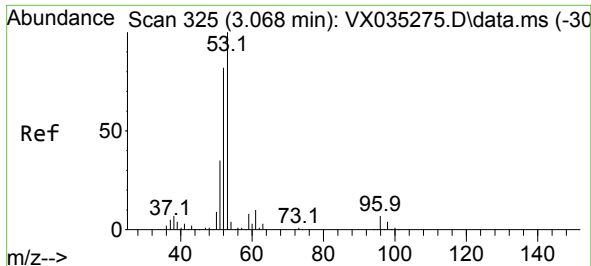
Tgt Ion: 56 Resp: 146519  
Ion Ratio Lower Upper  
56 100  
55 71.7 56.6 85.0



#14  
Allyl chloride  
Concen: 51.860 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 41 Resp: 259772  
Ion Ratio Lower Upper  
41 100  
39 62.7 52.4 78.6  
76 33.7 26.0 39.0

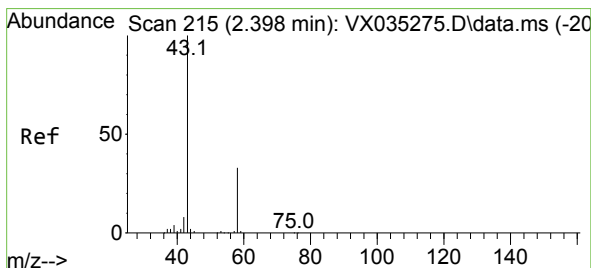
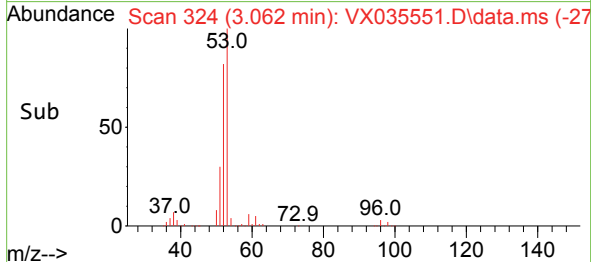
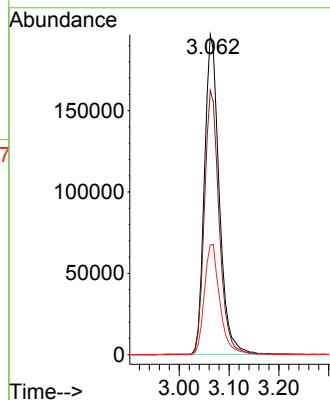
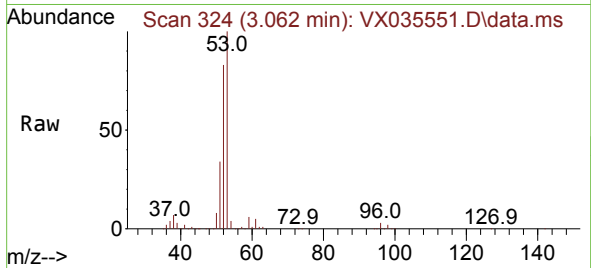




#15  
Acrylonitrile  
Concen: 251.551 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

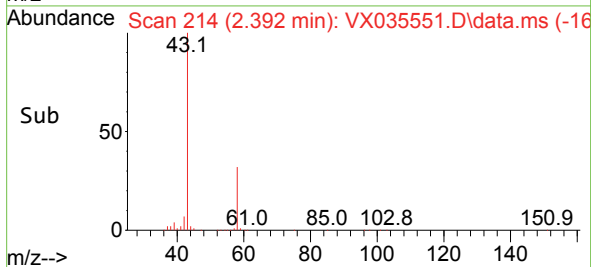
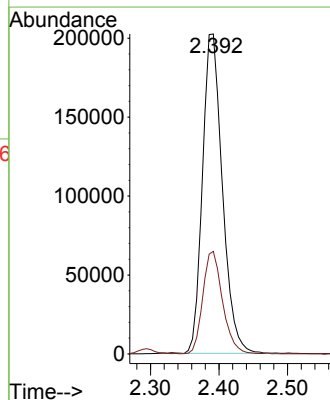
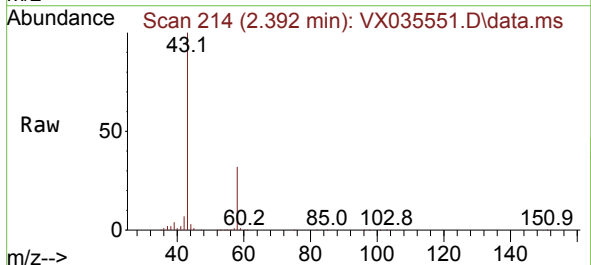
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

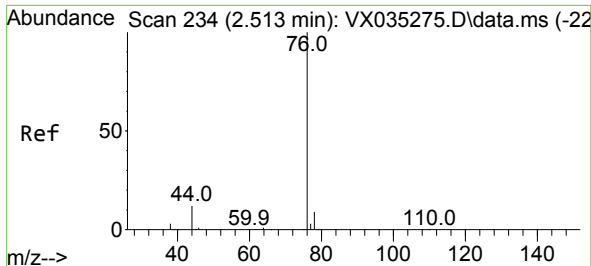
Tgt Ion: 53 Resp: 405035  
Ion Ratio Lower Upper  
53 100  
52 82.6 66.2 99.2  
51 35.9 28.3 42.5



#16  
Acetone  
Concen: 266.496 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 43 Resp: 409232  
Ion Ratio Lower Upper  
43 100  
58 32.1 24.7 37.1

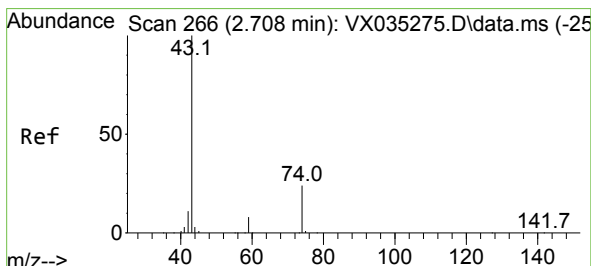
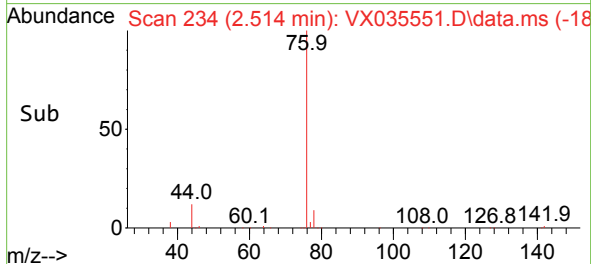
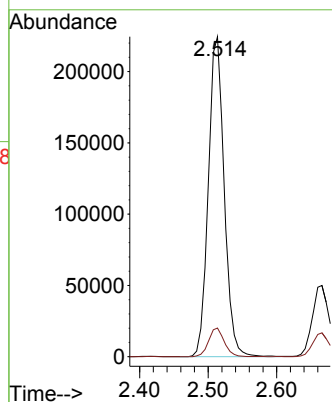
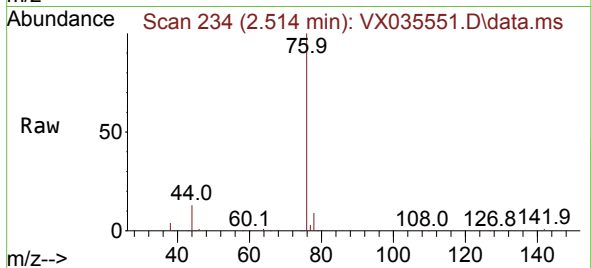




#17  
Carbon Disulfide  
Concen: 52.918 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

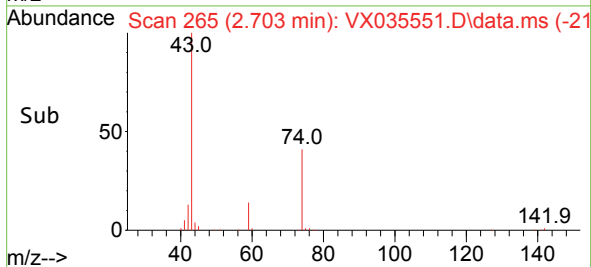
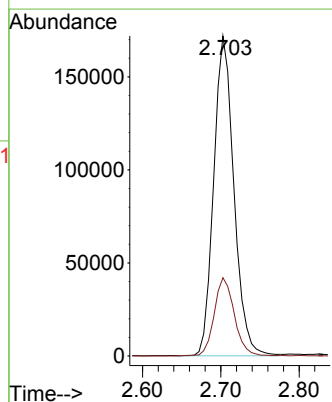
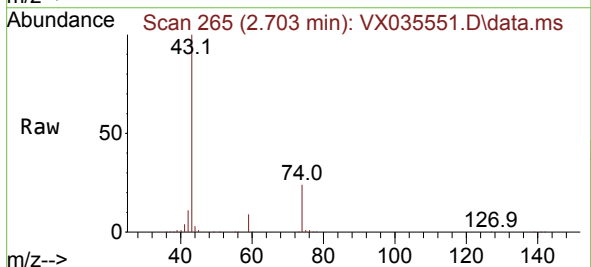
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

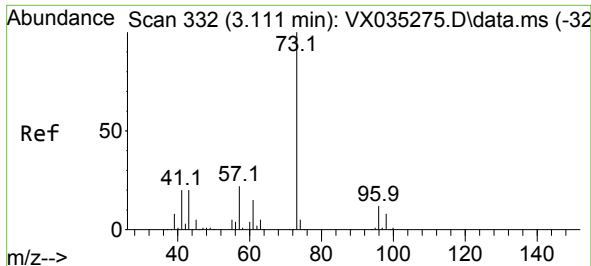
Tgt Ion: 76 Resp: 361083  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 51.863 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.005 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 43 Resp: 307969  
Ion Ratio Lower Upper  
43 100  
74 24.5 18.3 27.5

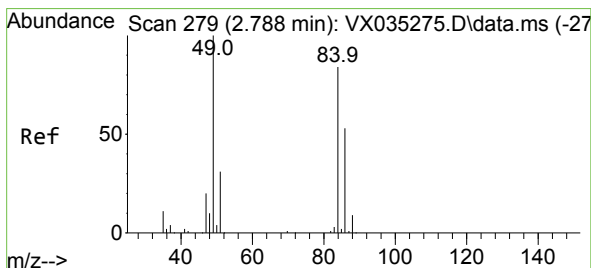
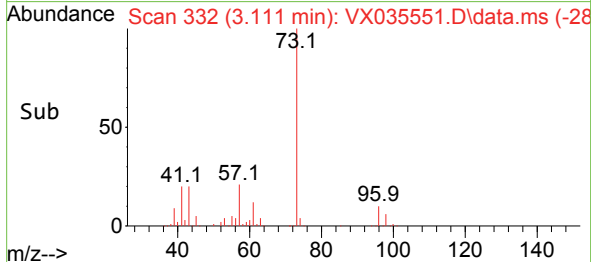
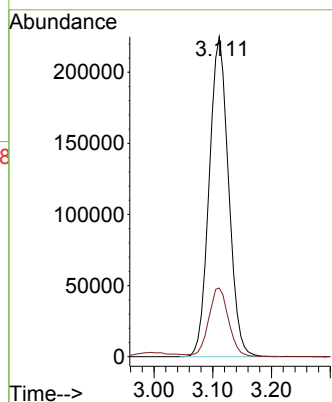
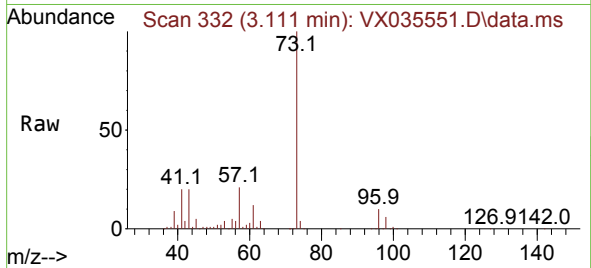




#19  
Methyl tert-butyl Ether  
Concen: 52.620 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

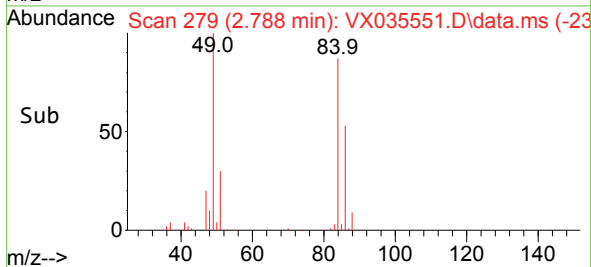
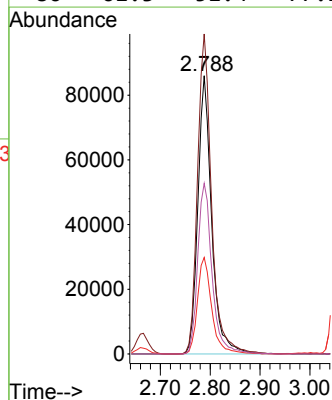
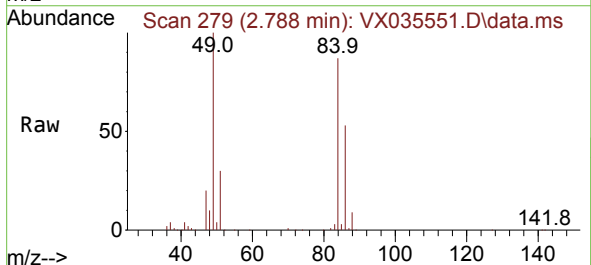
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

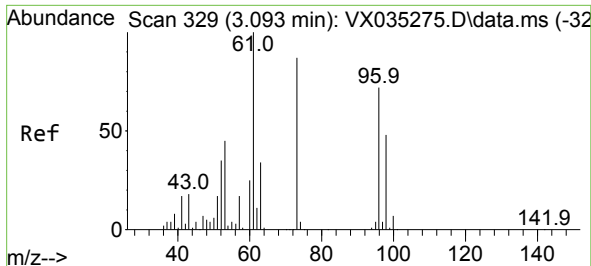
Tgt Ion: 73 Resp: 513851  
Ion Ratio Lower Upper  
73 100  
57 21.5 18.5 27.7



#20  
Methylene Chloride  
Concen: 47.030 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 84 Resp: 165595  
Ion Ratio Lower Upper  
84 100  
49 114.9 103.8 155.8  
51 34.7 31.8 47.8  
86 61.3 51.4 77.2

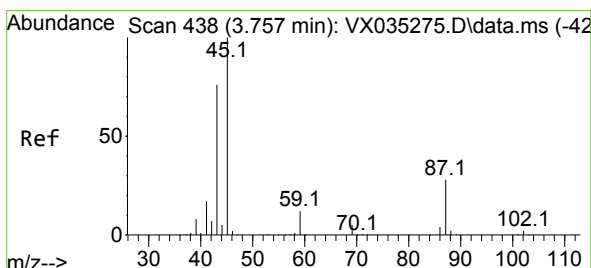
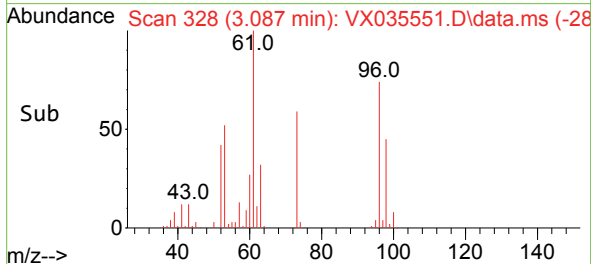
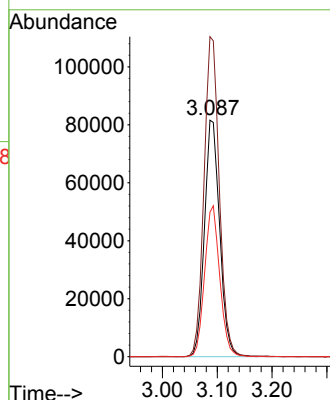
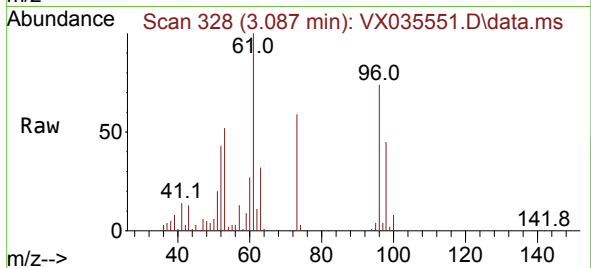




#21  
trans-1,2-Dichloroethene  
Concen: 50.775 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

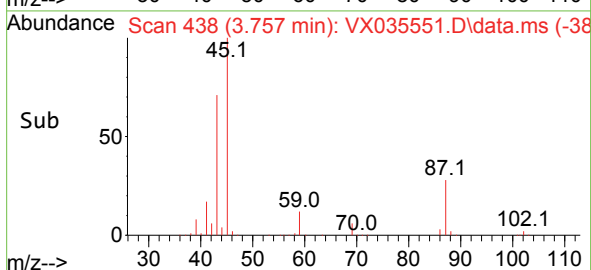
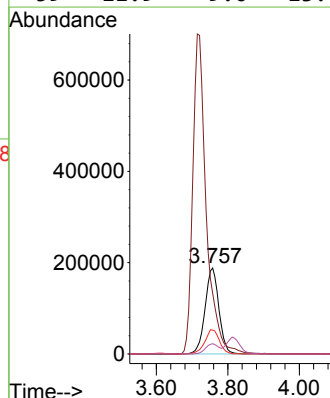
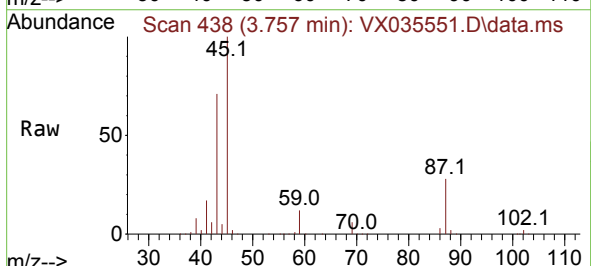
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

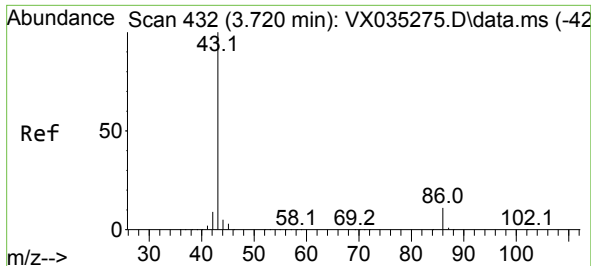
Tgt Ion: 96 Resp: 156967  
Ion Ratio Lower Upper  
96 100  
61 135.2 113.0 169.6  
98 61.1 52.1 78.1



#22  
Diisopropyl ether  
Concen: 50.822 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 45 Resp: 503773  
Ion Ratio Lower Upper  
45 100  
43 70.8 65.4 98.2  
87 27.8 20.6 31.0  
59 11.9 9.0 13.6

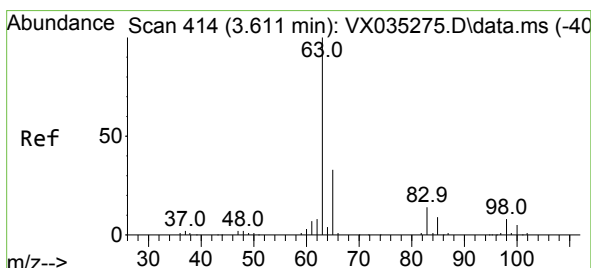
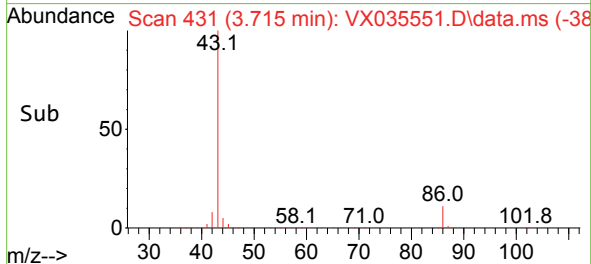
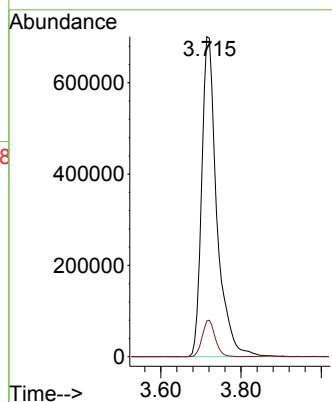
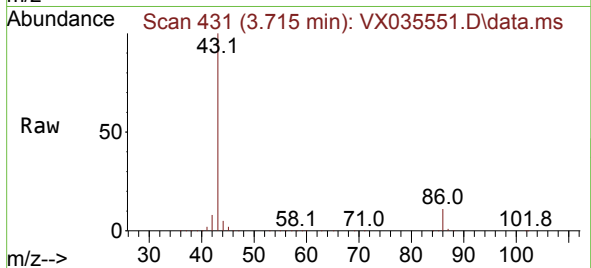




#23  
 Vinyl Acetate  
 Concen: 270.877 ug/l  
 RT: 3.715 min Scan# 41  
 Delta R.T. -0.005 min  
 Lab File: VX035551.D  
 Acq: 08 May 2023 11:38

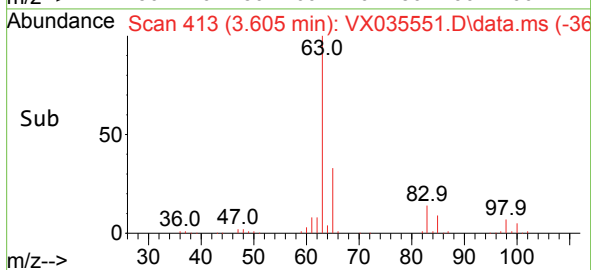
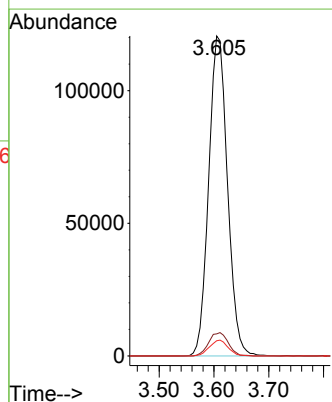
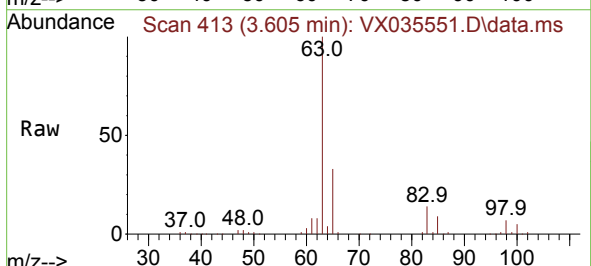
Instrument :  
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 ClientSampleId :  
 VSTDCCC050

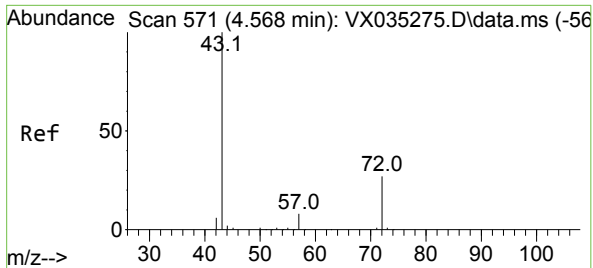
Tgt Ion: 43 Resp: 1845621  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 51.366 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX035551.D  
 Acq: 08 May 2023 11:38

Tgt Ion: 63 Resp: 286796  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.8 11.2  
 100 4.8 2.4 7.1

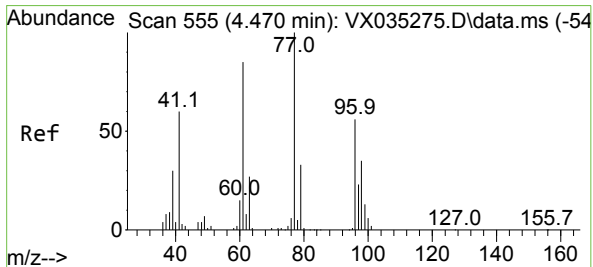
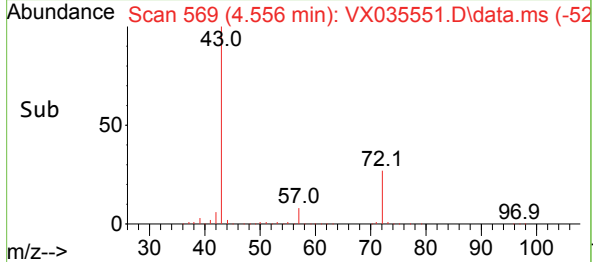
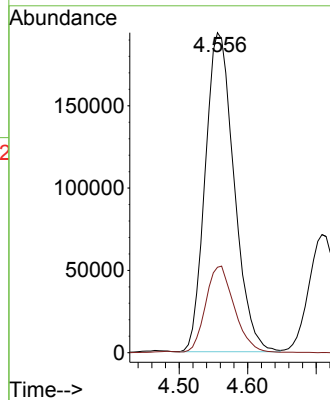
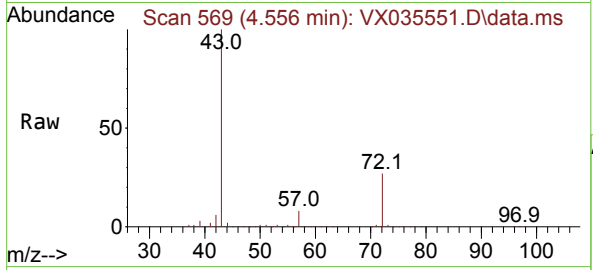




#25  
2-Butanone  
Concen: 253.266 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. -0.012 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

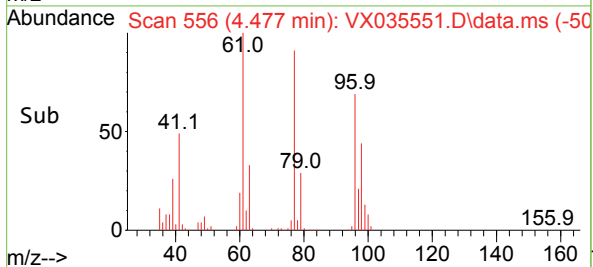
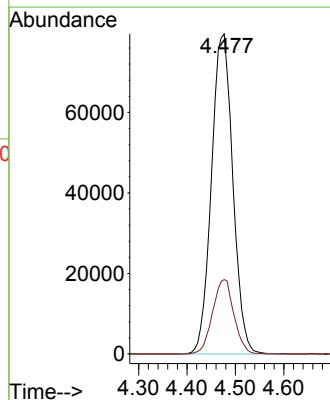
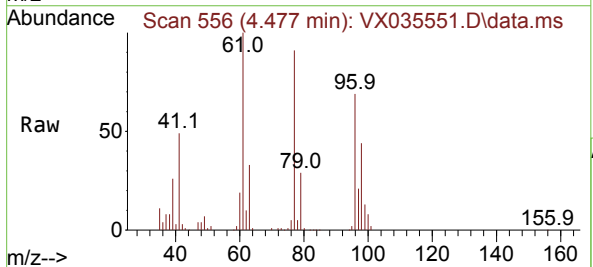
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

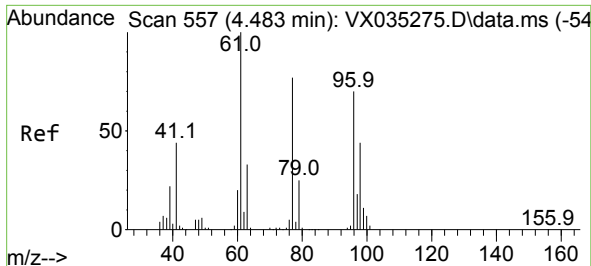
Tgt Ion: 43 Resp: 567663  
Ion Ratio Lower Upper  
43 100  
72 26.6 19.3 28.9



#26  
2,2-Dichloropropane  
Concen: 55.868 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.007 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 77 Resp: 244379  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.692 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

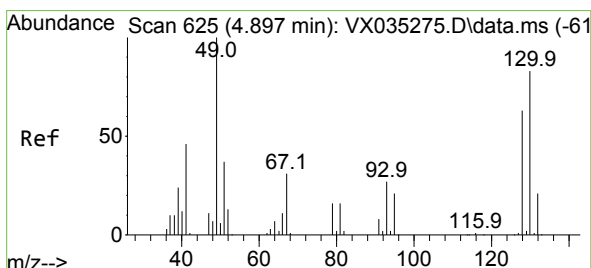
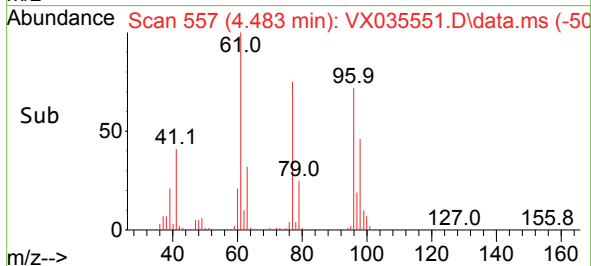
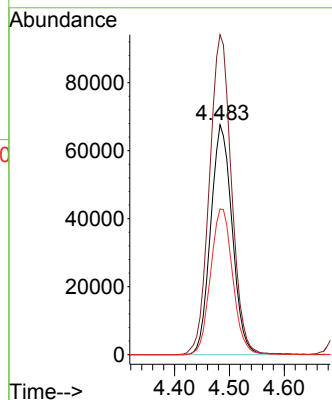
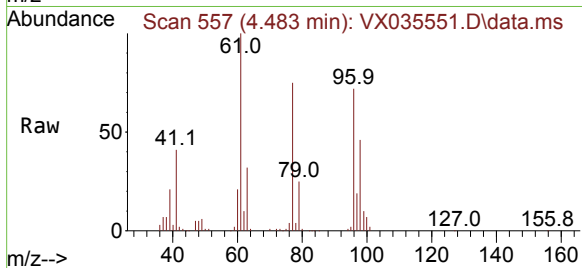
Tgt Ion: 96 Resp: 184206

Ion Ratio Lower Upper

96 100

61 142.6 0.0 300.4

98 65.3 0.0 129.0



#28

Bromochloromethane

Concen: 46.327 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

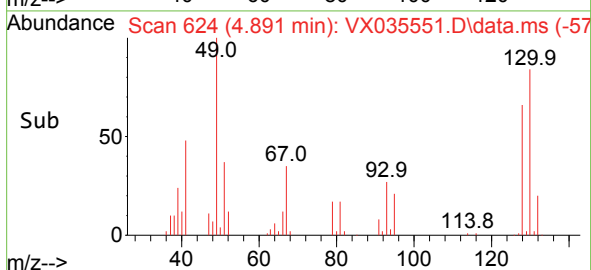
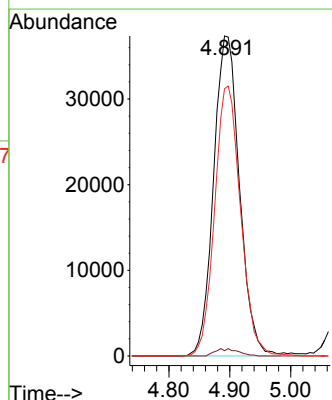
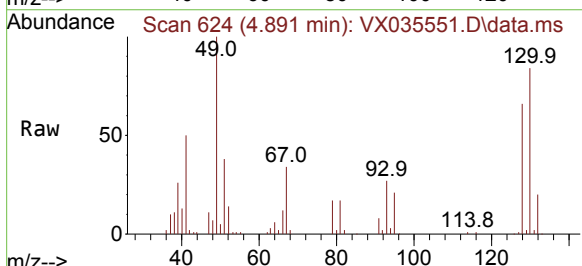
Tgt Ion: 49 Resp: 110230

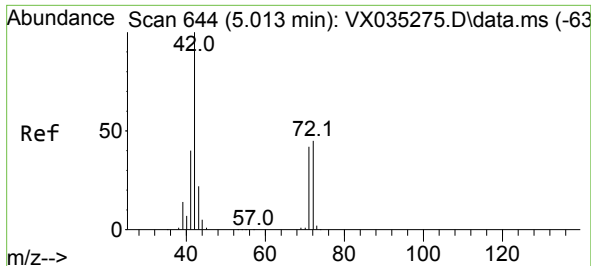
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 84.6 58.2 87.2





#29

Tetrahydrofuran

Concen: 244.058 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

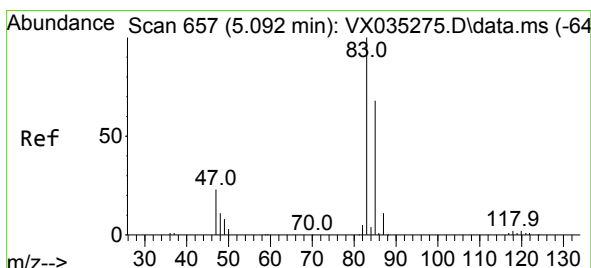
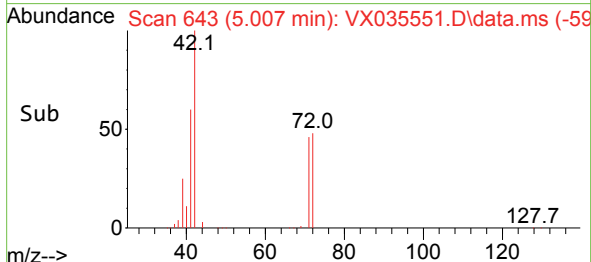
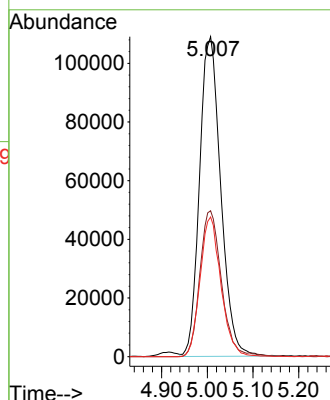
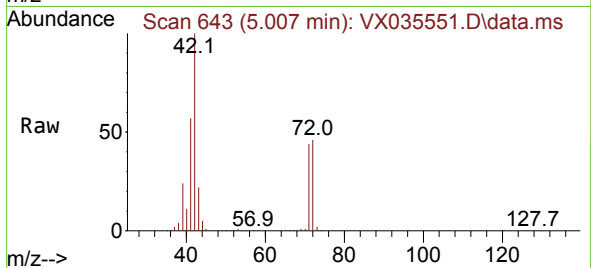
Tgt Ion: 42 Resp: 350669

Ion Ratio Lower Upper

42 100

72 46.5 34.5 51.7

71 43.1 32.1 48.1



#30

Chloroform

Concen: 52.486 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX035551.D

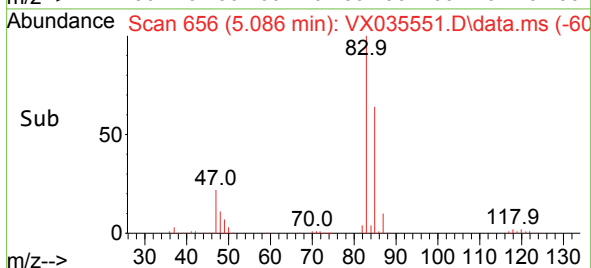
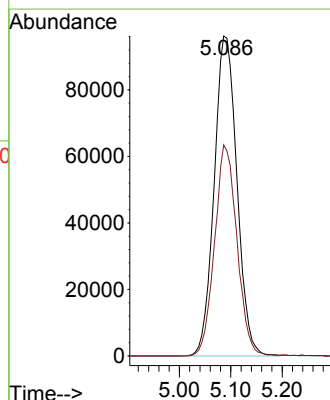
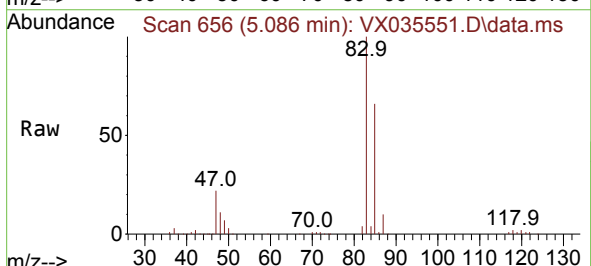
Acq: 08 May 2023 11:38

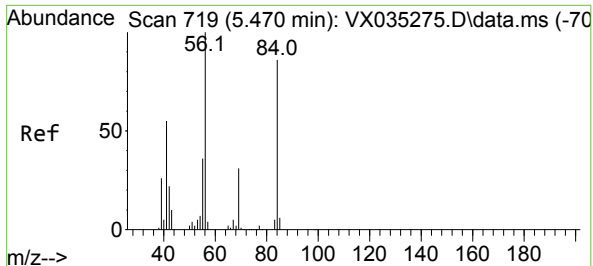
Tgt Ion: 83 Resp: 295834

Ion Ratio Lower Upper

83 100

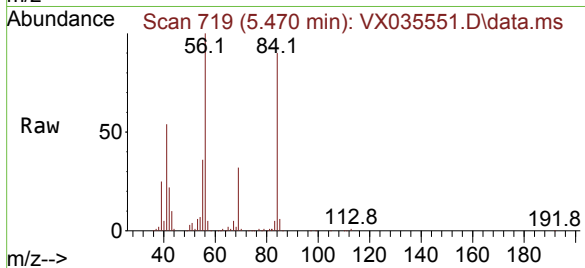
85 65.9 50.6 76.0



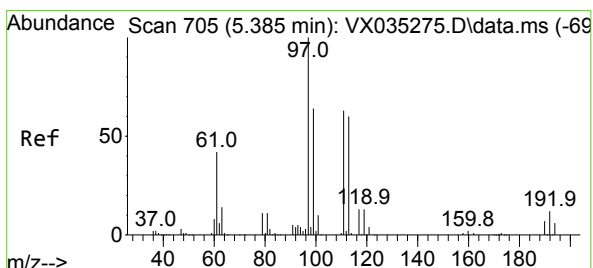
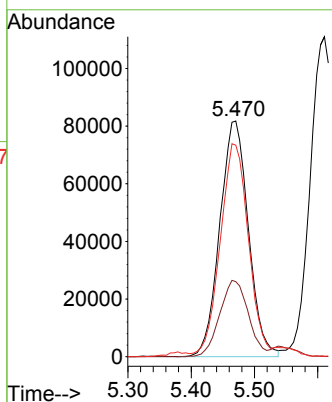
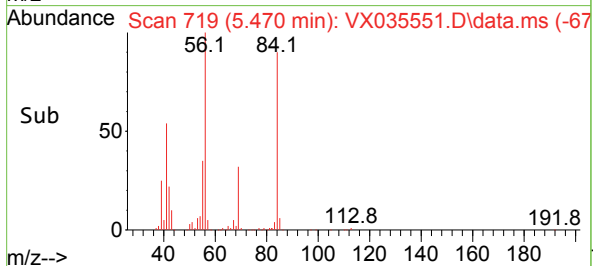


#31  
Cyclohexane  
Concen: 51.204 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

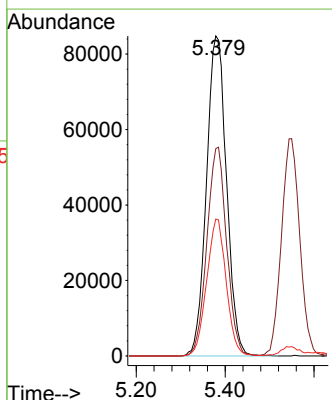
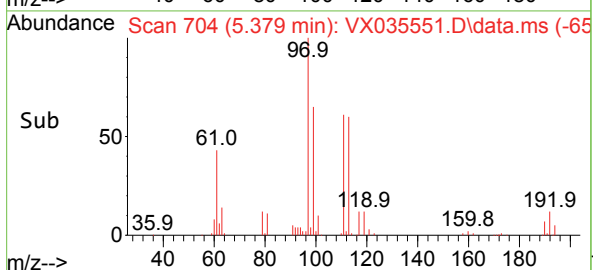
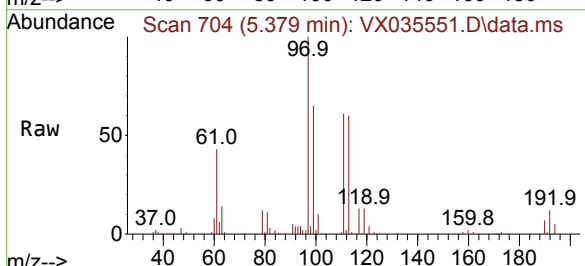


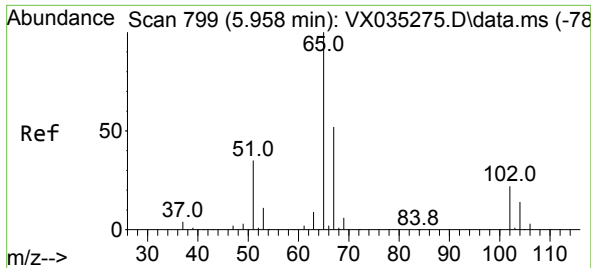
Tgt Ion: 56 Resp: 256812  
Ion Ratio Lower Upper  
56 100  
69 31.9 23.7 35.5  
84 87.7 68.5 102.7



#32  
1,1,1-Trichloroethane  
Concen: 53.817 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 97 Resp: 265841  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.1 76.7  
61 41.7 36.5 54.7

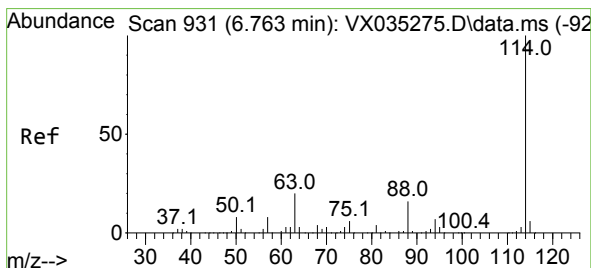
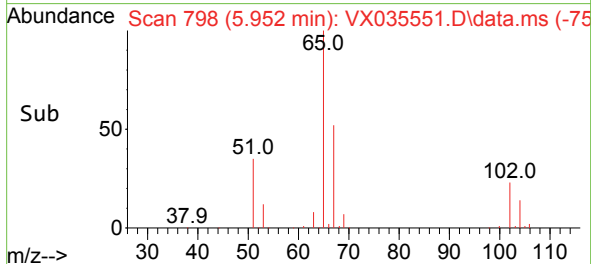
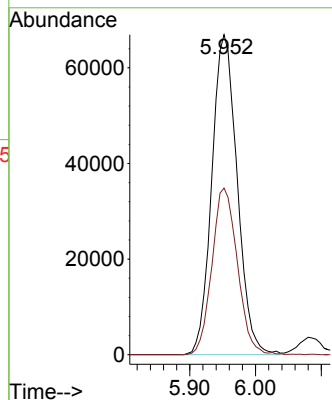
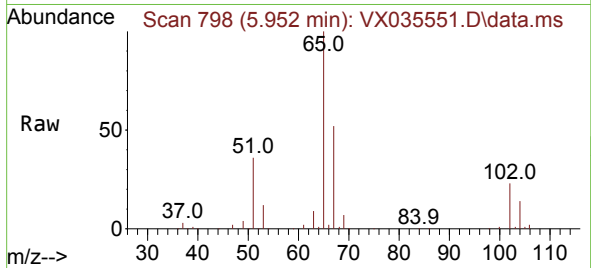




#33  
1,2-Dichloroethane-d4  
Concen: 50.852 ug/l  
RT: 5.952 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

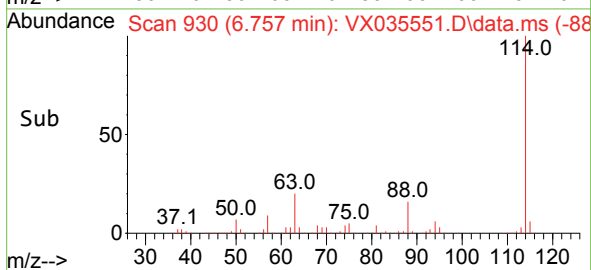
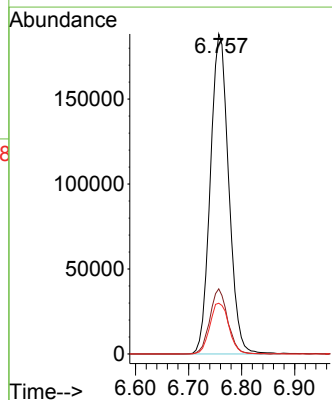
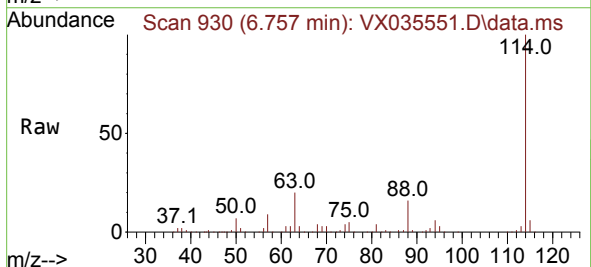
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

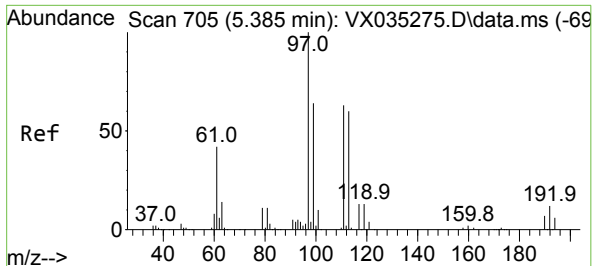
Tgt Ion: 65 Resp: 179797  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 104.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. -0.006 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 114 Resp: 452486  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 42.2  
88 15.8 0.0 33.2

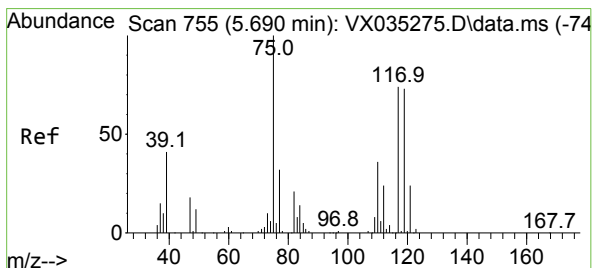
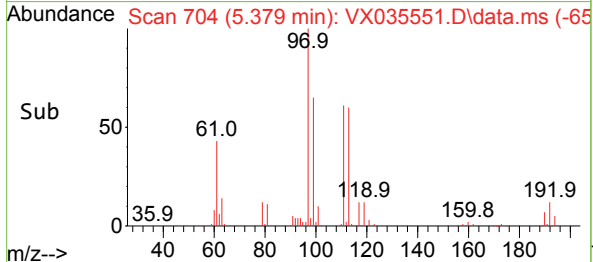
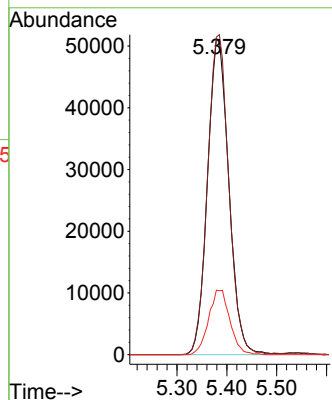
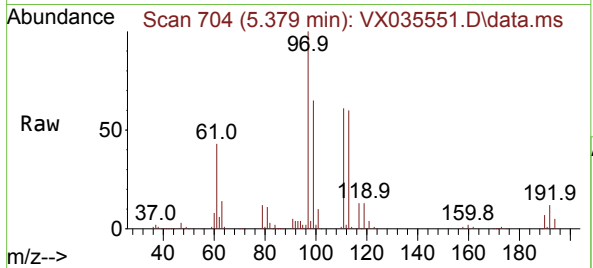




#35  
Dibromofluoromethane  
Concen: 54.839 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

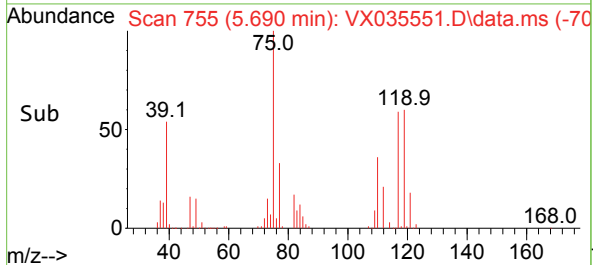
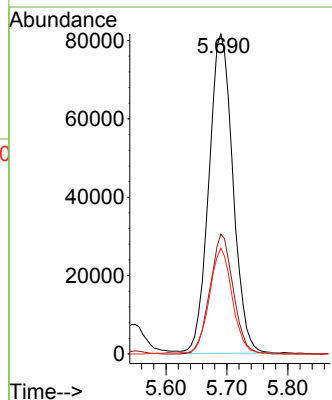
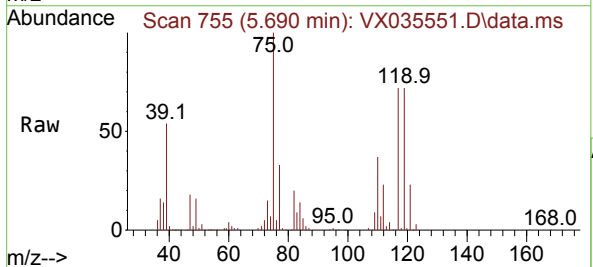
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

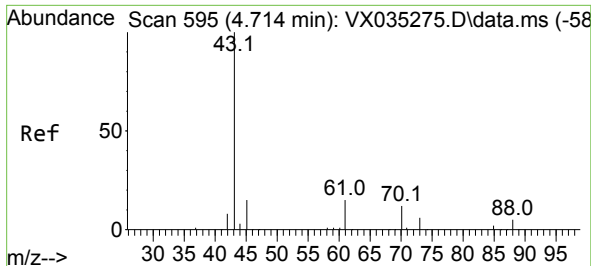
Tgt Ion:113 Resp: 152299  
Ion Ratio Lower Upper  
113 100  
111 100.8 83.7 125.5  
192 20.4 15.4 23.2



#36  
1,1-Dichloropropene  
Concen: 51.585 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 75 Resp: 223699  
Ion Ratio Lower Upper  
75 100  
110 36.3 17.5 52.5  
77 31.8 24.3 36.5





#37

Ethyl Acetate

Concen: 53.316 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

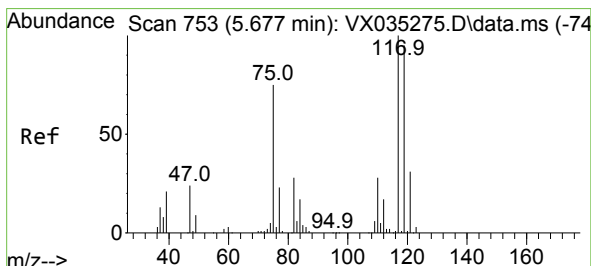
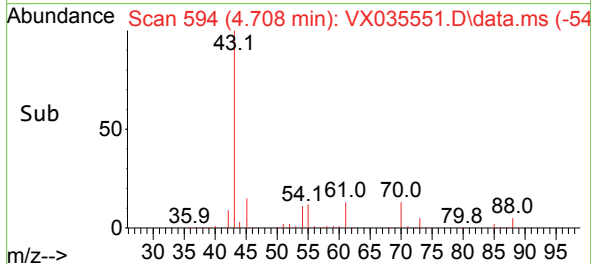
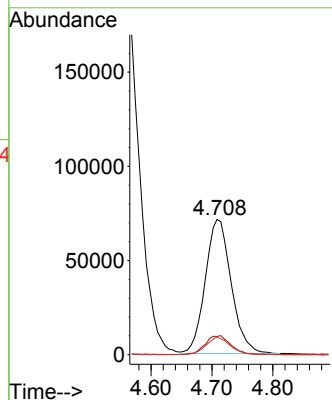
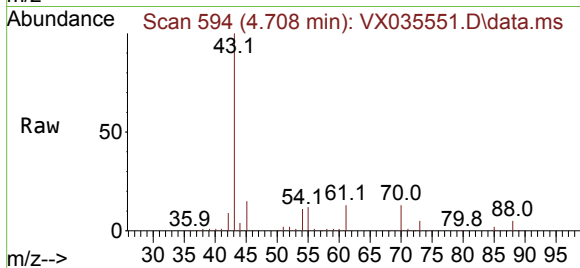
Tgt Ion: 43 Resp: 211168

Ion Ratio Lower Upper

43 100

61 14.2 10.2 15.4

70 12.2 8.2 12.4



#38

Carbon Tetrachloride

Concen: 57.173 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.005 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

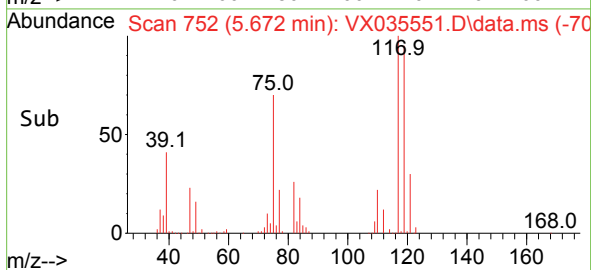
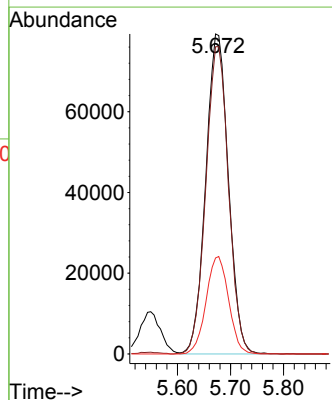
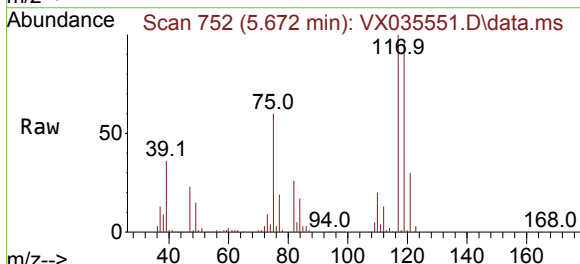
Tgt Ion: 117 Resp: 235363

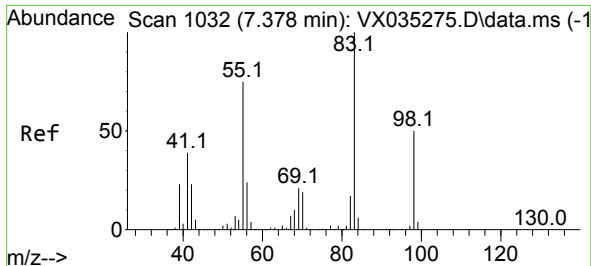
Ion Ratio Lower Upper

117 100

119 96.0 76.6 114.8

121 30.0 23.8 35.6





#39

Methylcyclohexane

Concen: 53.294 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

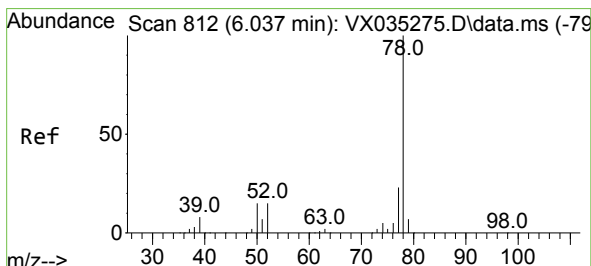
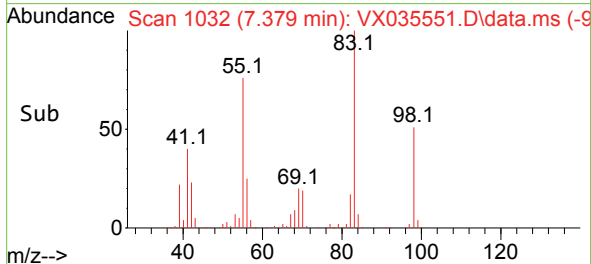
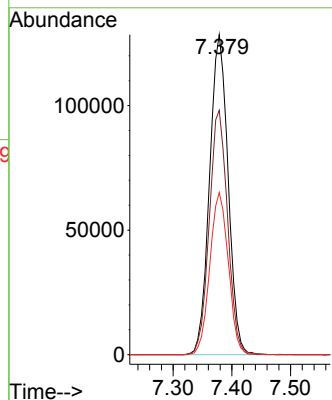
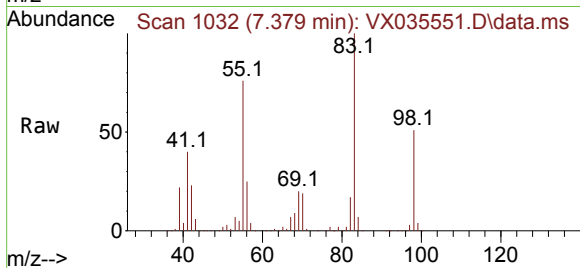
Tgt Ion: 83 Resp: 281316

Ion Ratio Lower Upper

83 100

55 76.4 60.5 90.7

98 50.6 40.4 60.6



#40

Benzene

Concen: 51.557 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX035551.D

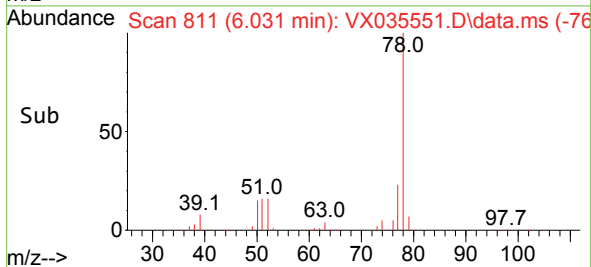
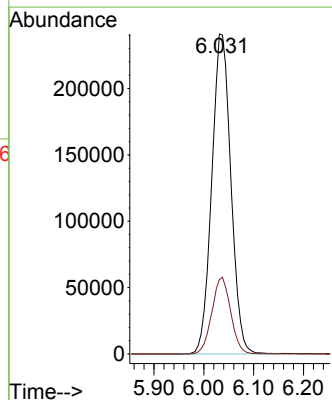
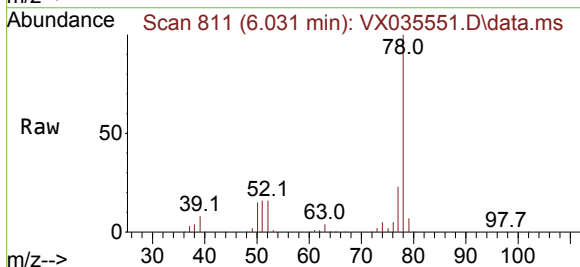
Acq: 08 May 2023 11:38

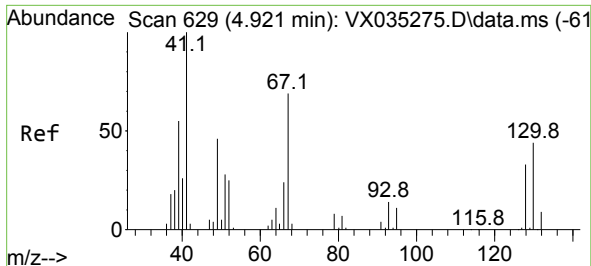
Tgt Ion: 78 Resp: 641357

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.4



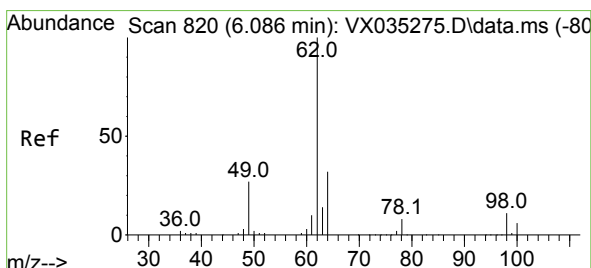
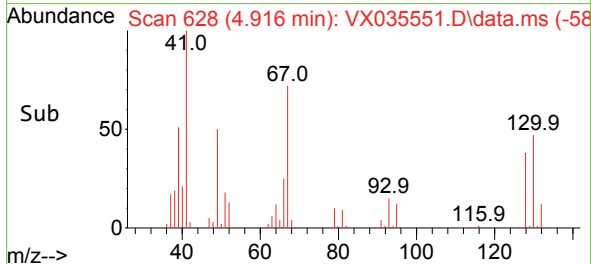
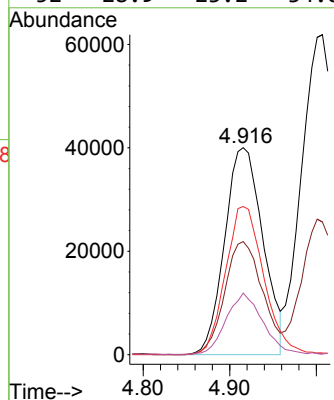
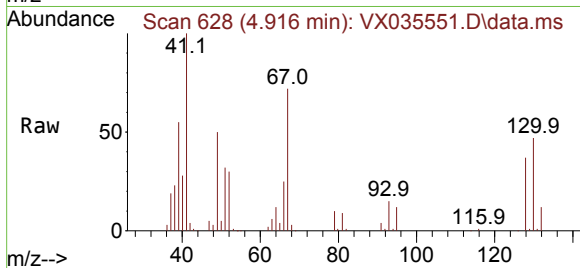


#41  
Methacrylonitrile  
Concen: 54.184 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 122969

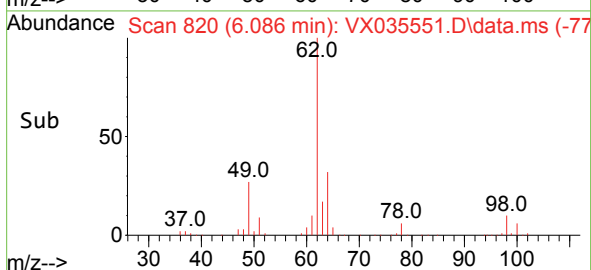
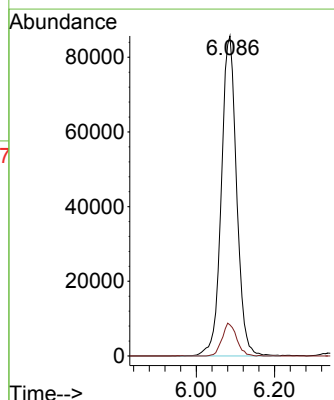
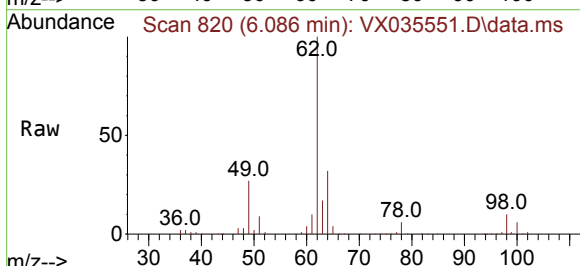
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.0  | 45.0  | 67.6  |
| 67  | 71.7  | 55.6  | 83.4  |
| 52  | 28.9  | 23.2  | 34.8  |

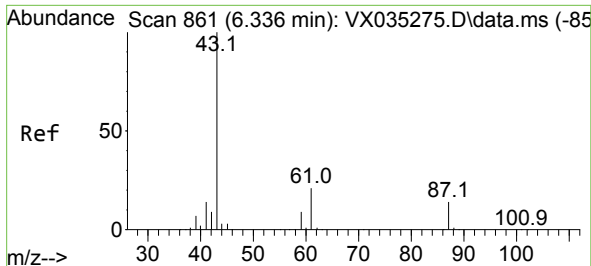


#42  
1,2-Dichloroethane  
Concen: 52.607 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 62 Resp: 233336

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.7   | 0.0   | 18.0  |





#43

Isopropyl Acetate

Concen: 54.789 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

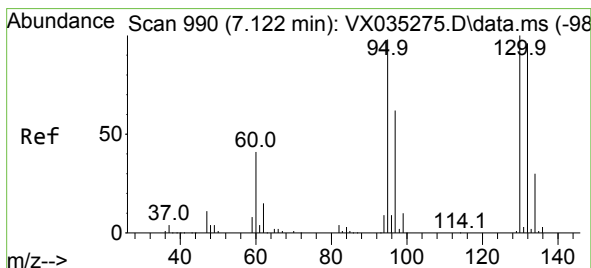
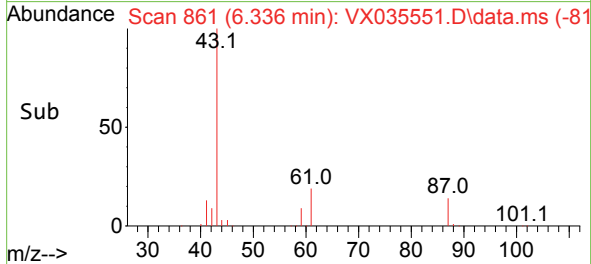
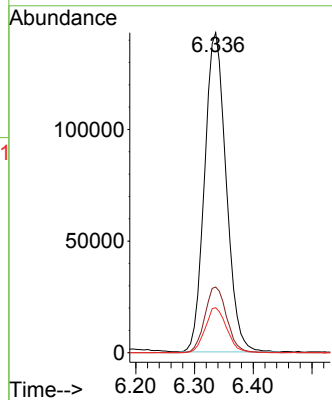
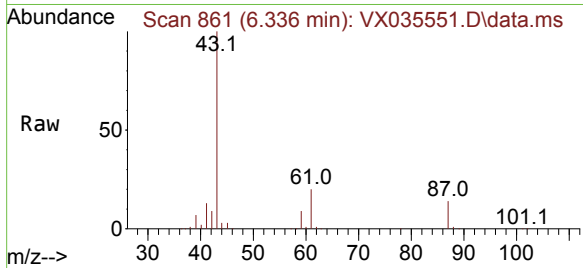
Tgt Ion: 43 Resp: 364631

Ion Ratio Lower Upper

43 100

61 20.9 15.2 22.8

87 14.1 9.8 14.8



#44

Trichloroethene

Concen: 53.097 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.001 min

Lab File: VX035551.D

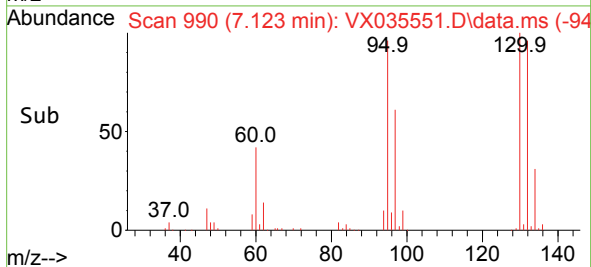
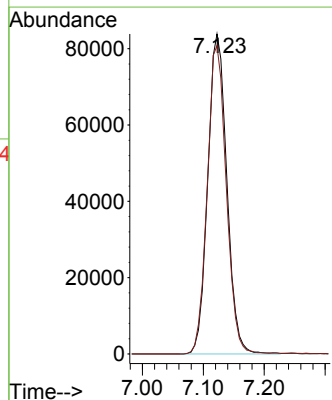
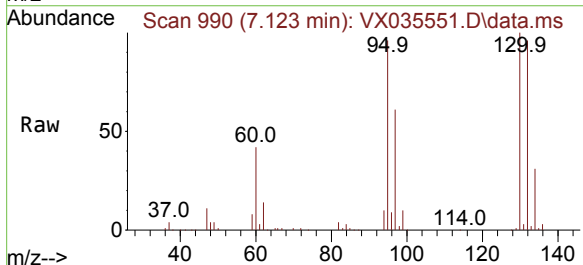
Acq: 08 May 2023 11:38

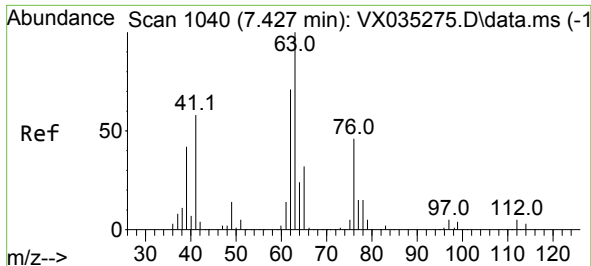
Tgt Ion:130 Resp: 181962

Ion Ratio Lower Upper

130 100

95 96.3 0.0 198.4

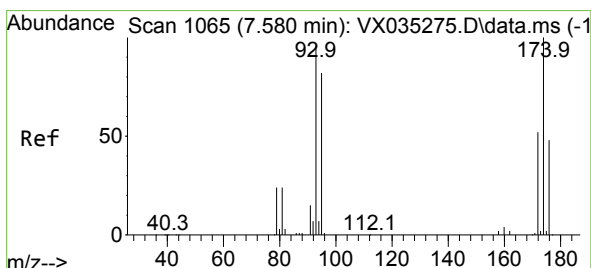
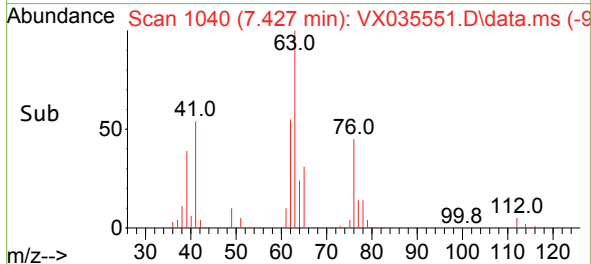
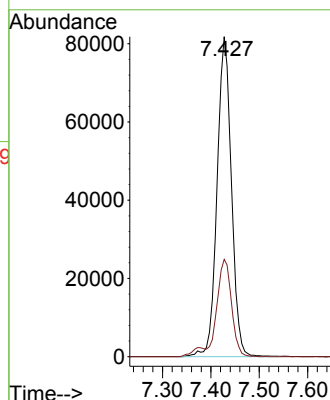
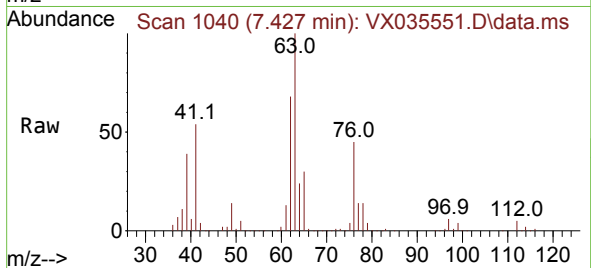




#45  
1,2-Dichloropropane  
Concen: 53.656 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

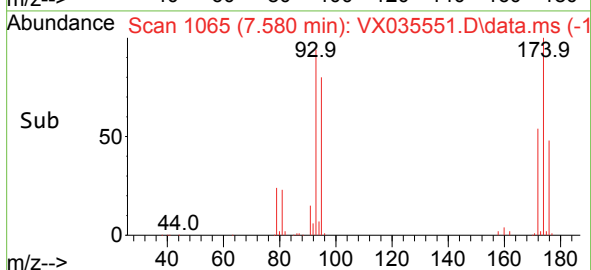
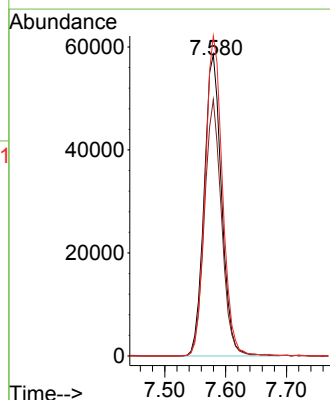
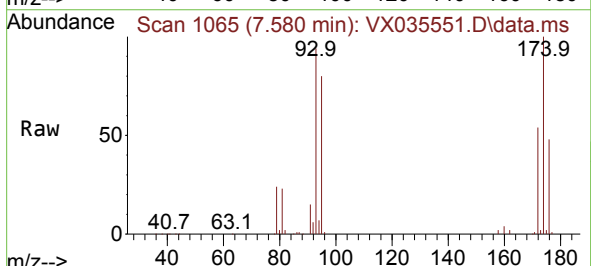
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

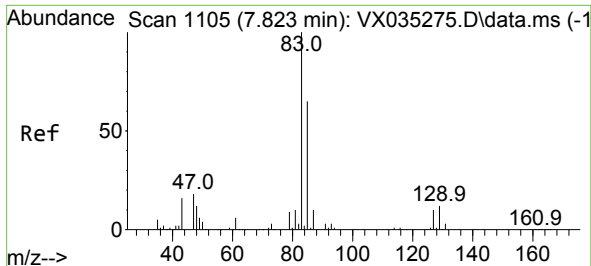
Tgt Ion: 63 Resp: 168278  
Ion Ratio Lower Upper  
63 100  
65 30.4 24.6 37.0



#46  
Dibromomethane  
Concen: 53.900 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 93 Resp: 116084  
Ion Ratio Lower Upper  
93 100  
95 83.6 66.9 100.3  
174 105.5 75.4 113.0

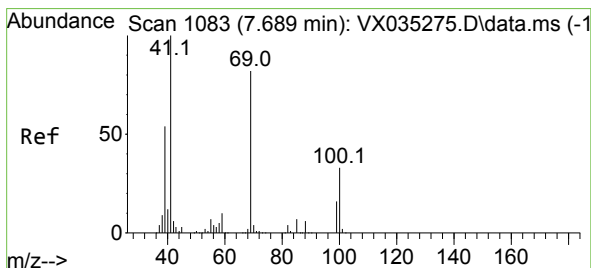
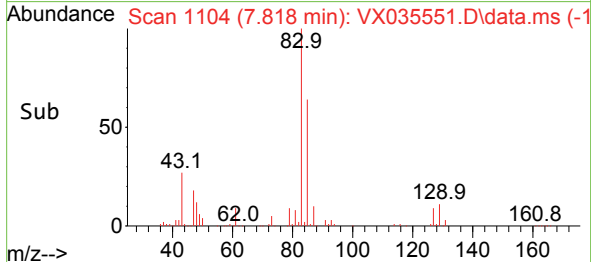
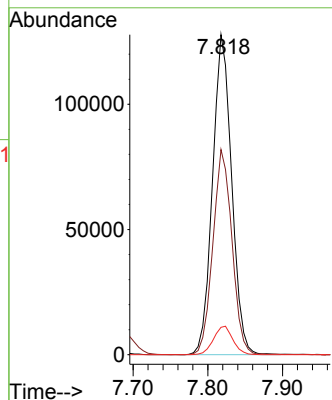
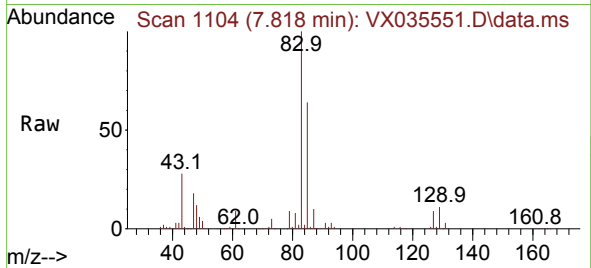




#47  
Bromodichloromethane  
Concen: 57.390 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.005 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

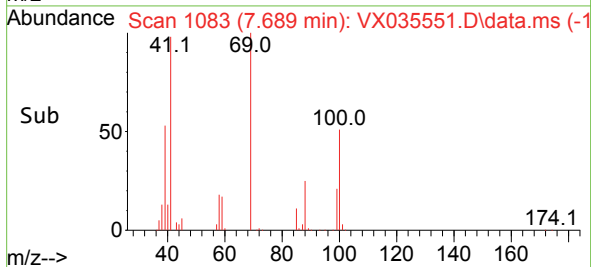
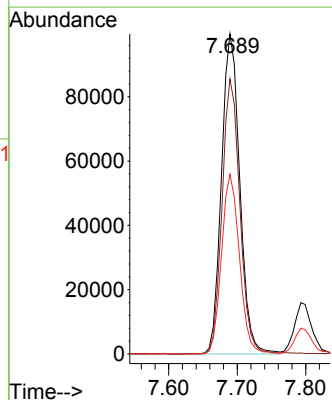
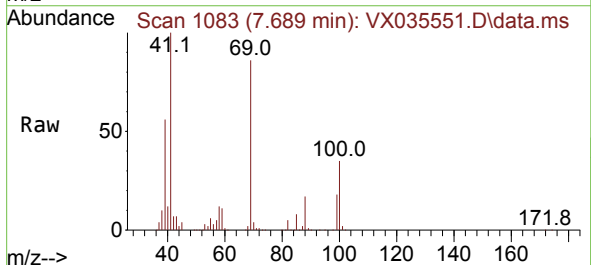
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

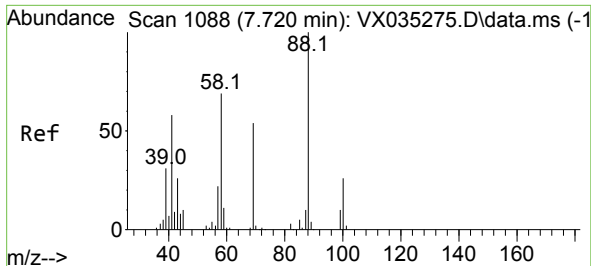
Tgt Ion: 83 Resp: 227730  
Ion Ratio Lower Upper  
83 100  
85 64.1 52.2 78.4  
127 8.5 6.6 9.8



#48  
Methyl methacrylate  
Concen: 56.506 ug/l  
RT: 7.689 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 41 Resp: 184467  
Ion Ratio Lower Upper  
41 100  
69 83.3 62.2 93.4  
39 54.9 47.7 71.5

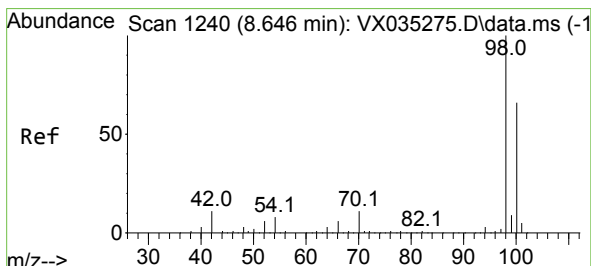
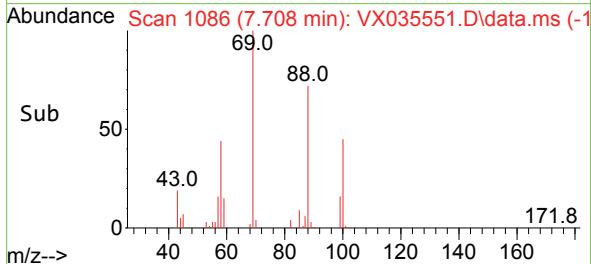
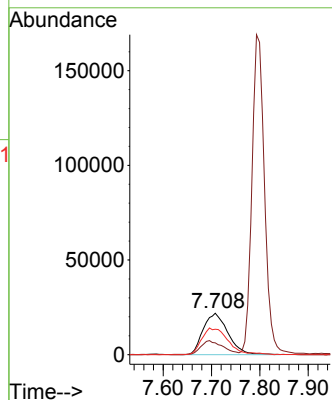
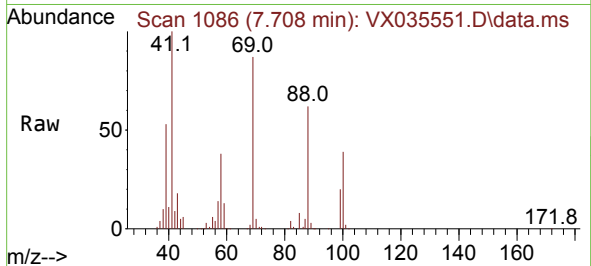




#49  
1,4-Dioxane  
Concen: 978.519 ug/l  
RT: 7.708 min Scan# 1088  
Delta R.T. -0.012 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

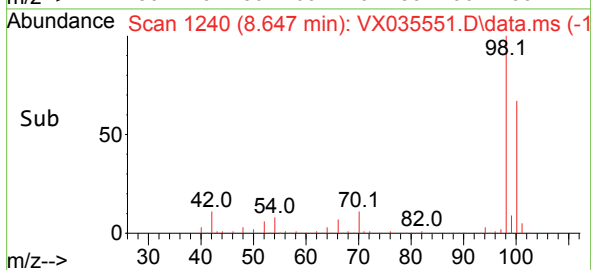
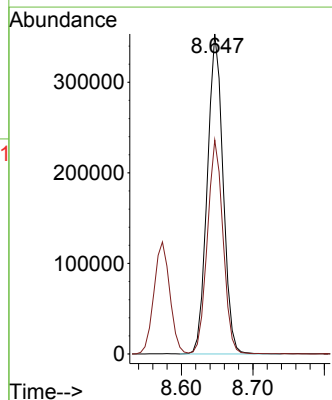
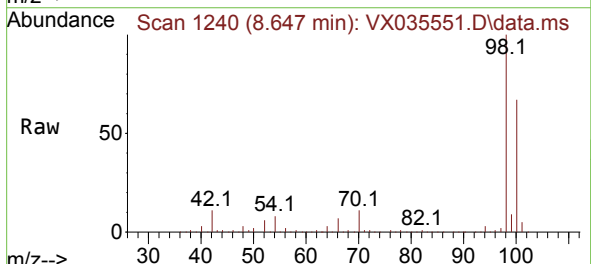
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

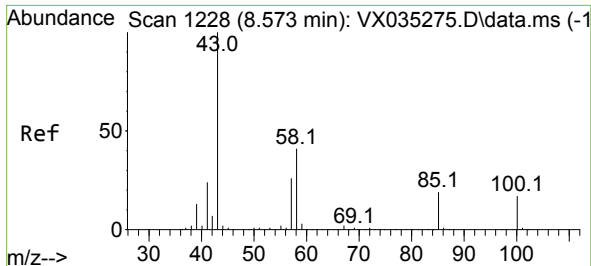
Tgt Ion: 88 Resp: 77865  
Ion Ratio Lower Upper  
88 100  
43 31.0 27.7 41.5  
58 68.4 56.8 85.2



#50  
Toluene-d8  
Concen: 51.485 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.001 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 98 Resp: 539392  
Ion Ratio Lower Upper  
98 100  
100 66.6 52.5 78.7

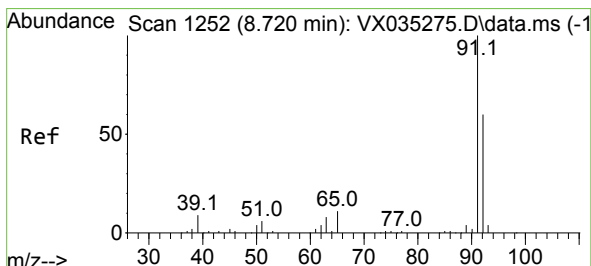
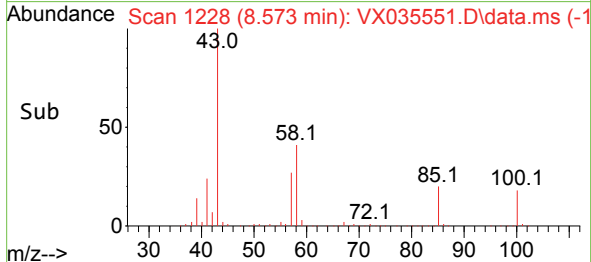
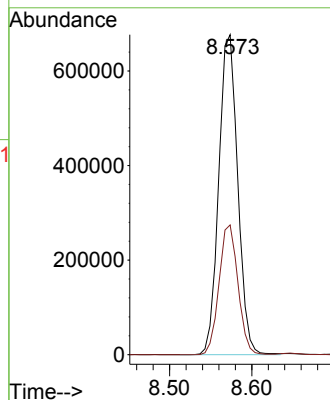
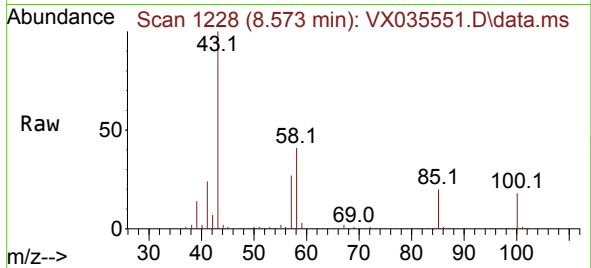




#51  
4-Methyl-2-Pentanone  
Concen: 265.087 ug/l  
RT: 8.573 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

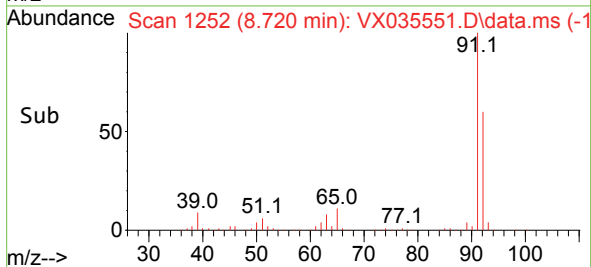
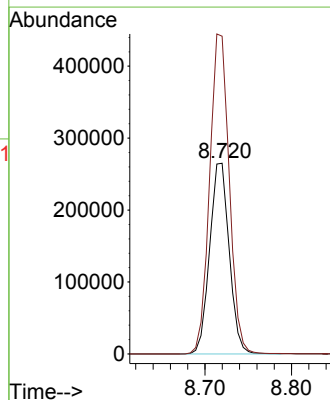
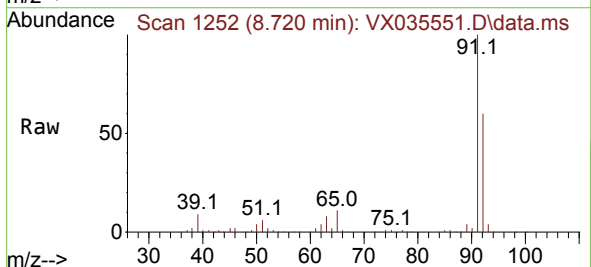
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

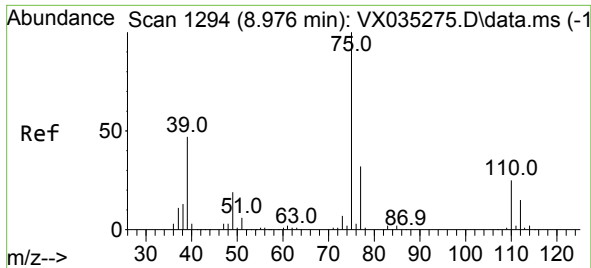
Tgt Ion: 43 Resp: 1083862  
Ion Ratio Lower Upper  
43 100  
58 40.5 30.6 46.0



#52  
Toluene  
Concen: 52.761 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 92 Resp: 416034  
Ion Ratio Lower Upper  
92 100  
91 168.4 136.8 205.2

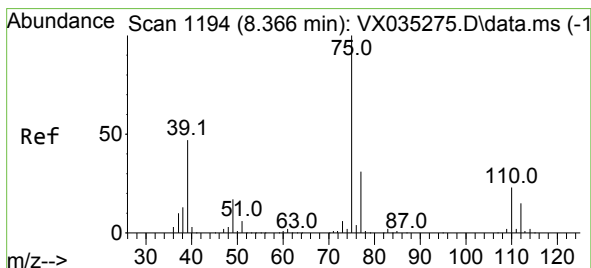
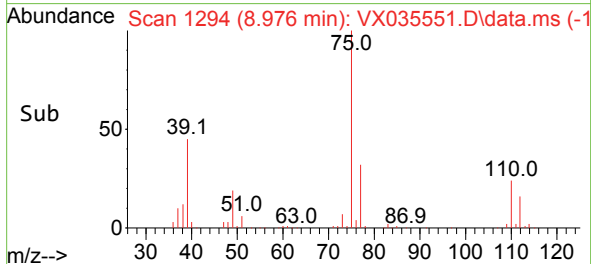
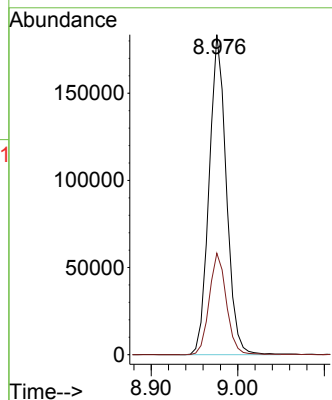
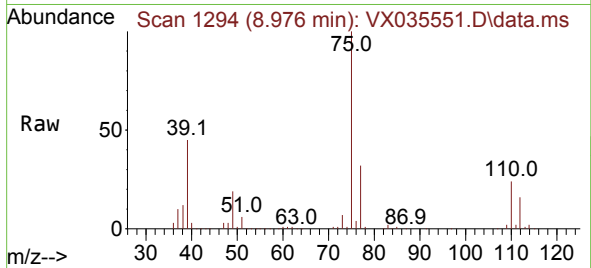




#53  
 t-1,3-Dichloropropene  
 Concen: 61.131 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. -0.000 min  
 Lab File: VX035551.D  
 Acq: 08 May 2023 11:38

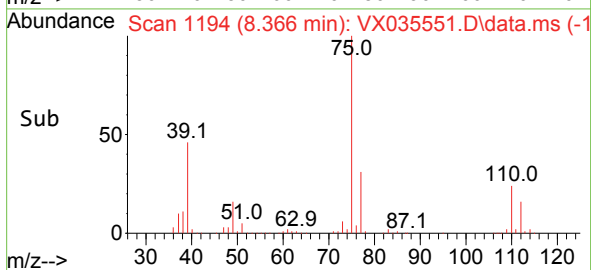
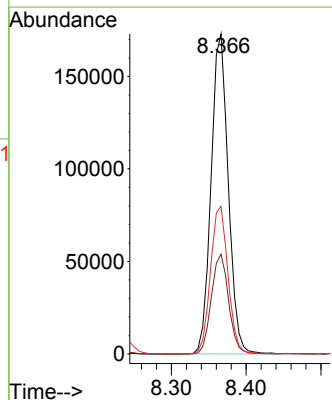
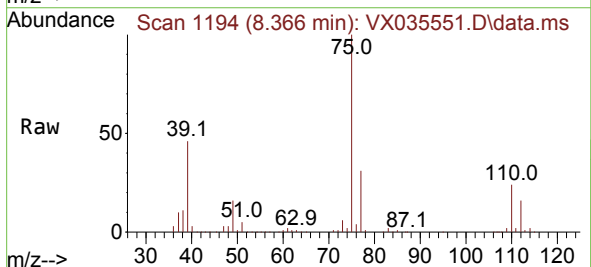
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

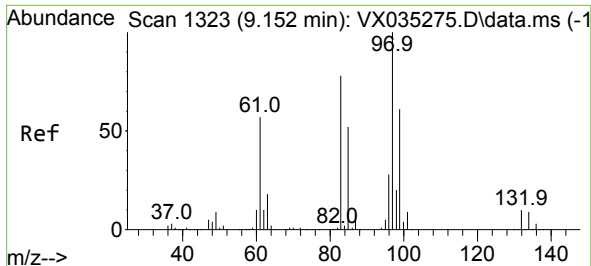
Tgt Ion: 75 Resp: 253328  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 59.067 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX035551.D  
 Acq: 08 May 2023 11:38

Tgt Ion: 75 Resp: 276670  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.0 37.4  
 39 46.1 44.6 66.8



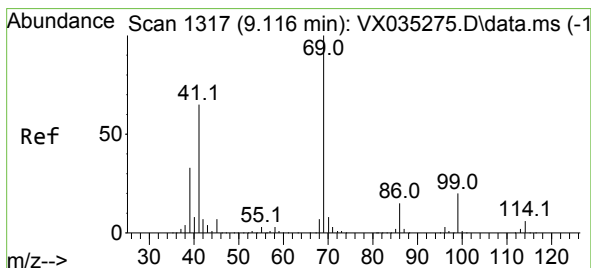
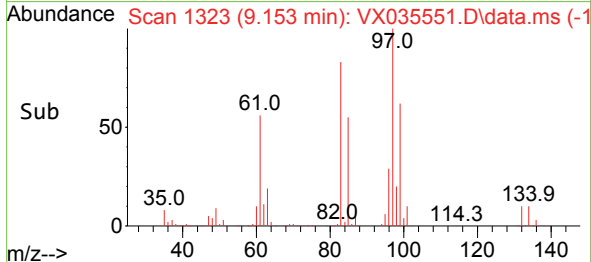
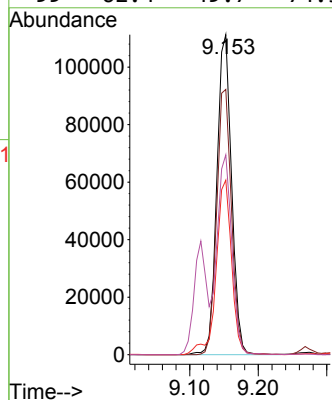
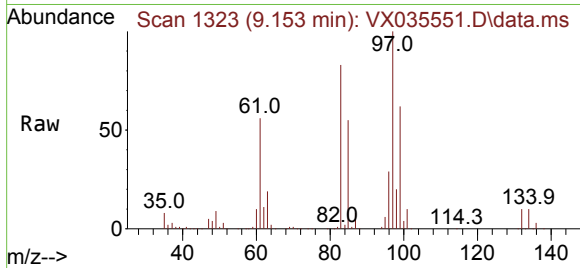


#55  
1,1,2-Trichloroethane  
Concen: 52.646 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 165490

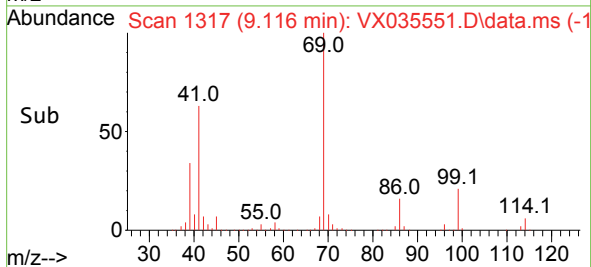
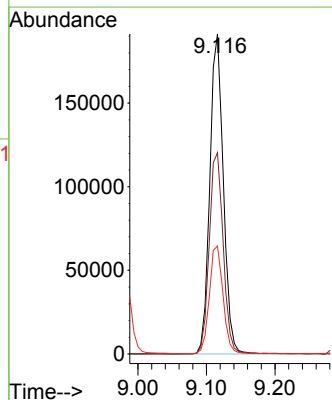
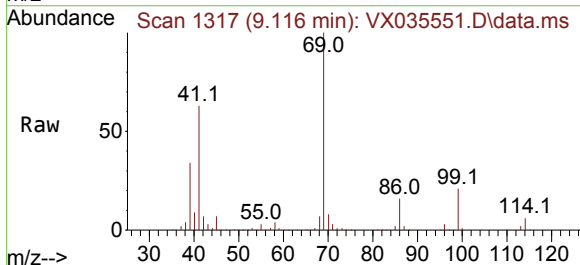
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.9  | 69.7  | 104.5 |
| 85  | 54.5  | 43.7  | 65.5  |
| 99  | 62.4  | 49.7  | 74.5  |

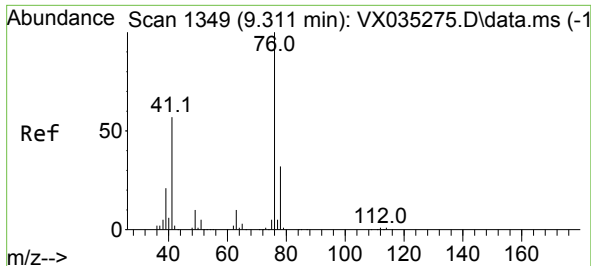


#56  
Ethyl methacrylate  
Concen: 56.158 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 69 Resp: 262970

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 64.6  | 57.4  | 86.0  |
| 39  | 34.1  | 33.7  | 50.5  |





#57

1,3-Dichloropropane

Concen: 52.550 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

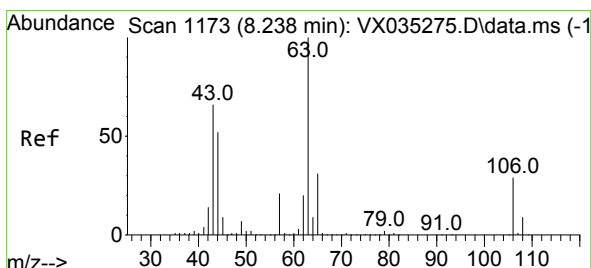
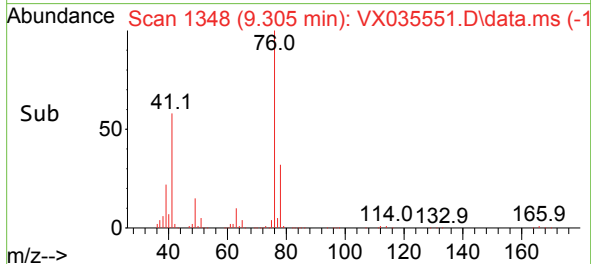
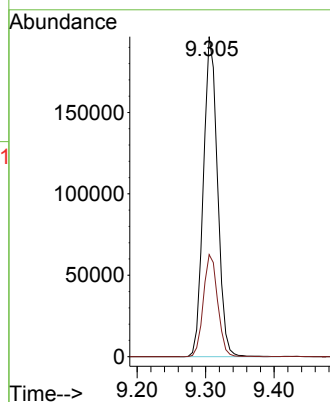
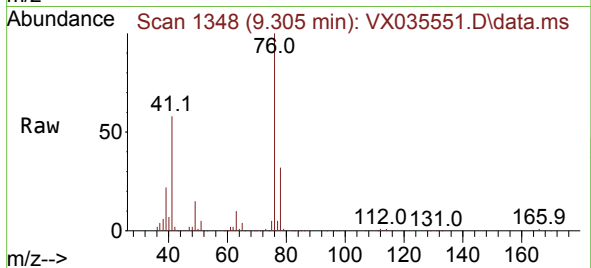
VSTDCCC050

Tgt Ion: 76 Resp: 282546

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 238.516 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035551.D

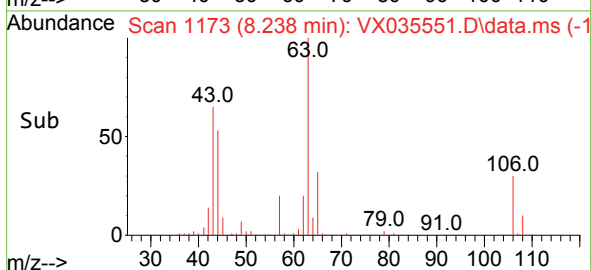
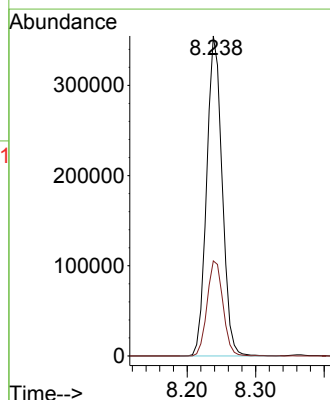
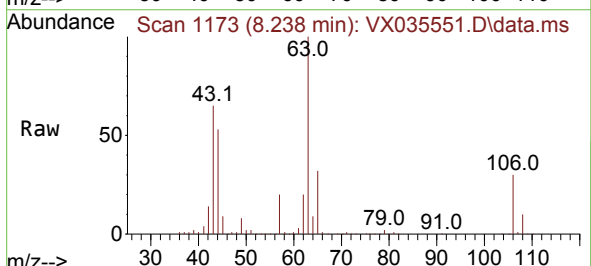
Acq: 08 May 2023 11:38

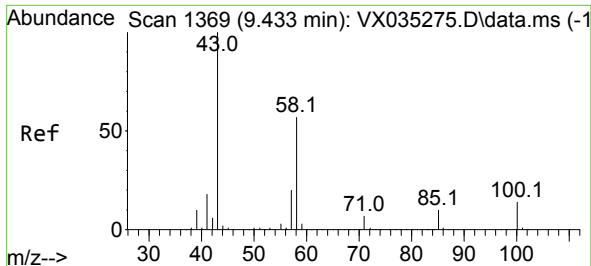
Tgt Ion: 63 Resp: 558469

Ion Ratio Lower Upper

63 100

106 30.4 22.2 33.2

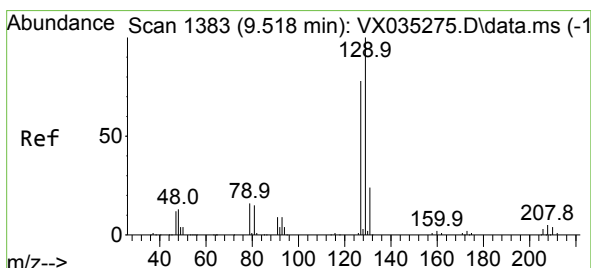
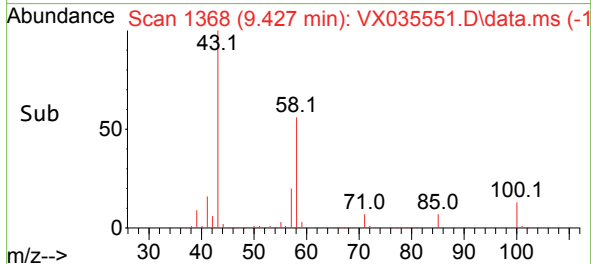
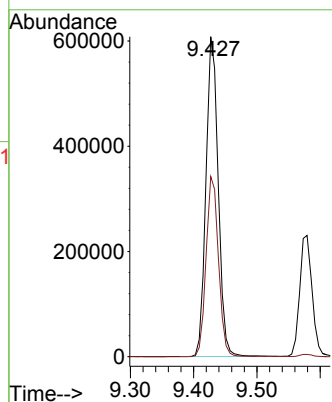
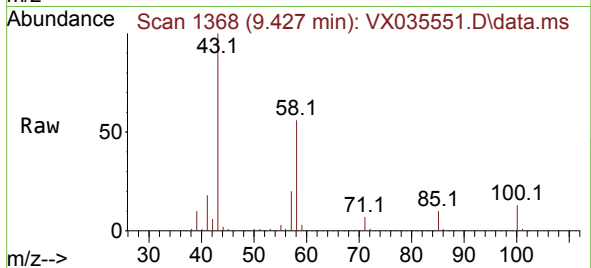




#59  
2-Hexanone  
Concen: 267.731 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.006 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

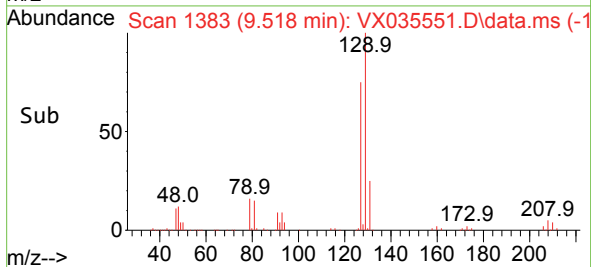
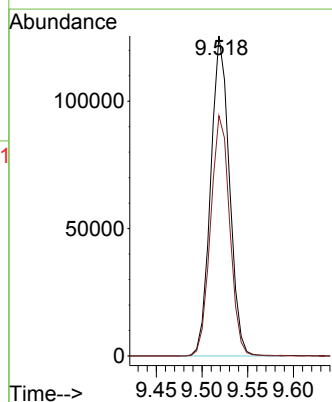
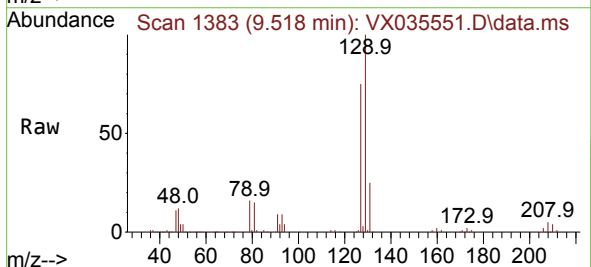
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

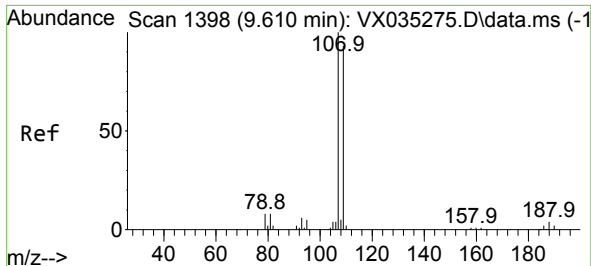
Tgt Ion: 43 Resp: 822372  
Ion Ratio Lower Upper  
43 100  
58 56.9 26.3 78.9



#60  
Dibromochloromethane  
Concen: 59.250 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 129 Resp: 178448  
Ion Ratio Lower Upper  
129 100  
127 76.5 39.0 117.0

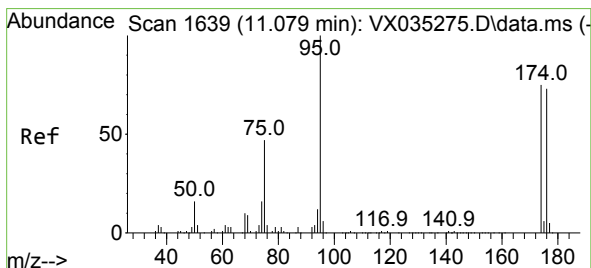
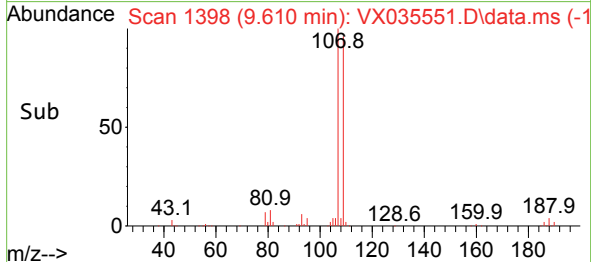
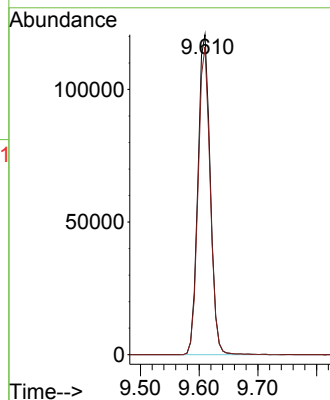
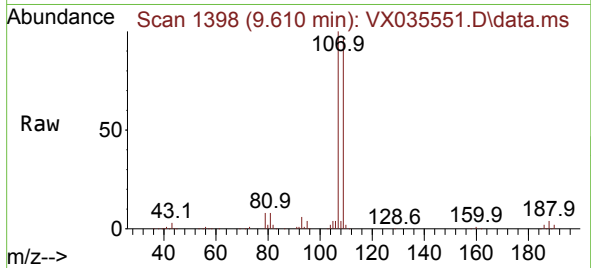




#61  
1,2-Dibromoethane  
Concen: 54.355 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

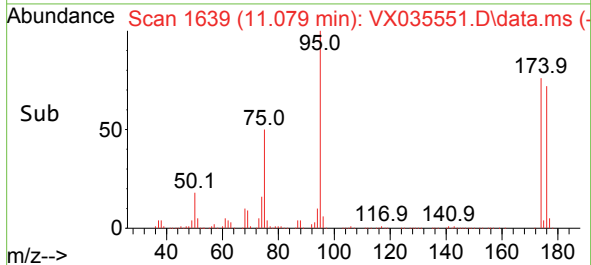
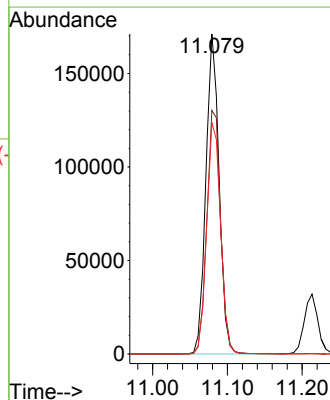
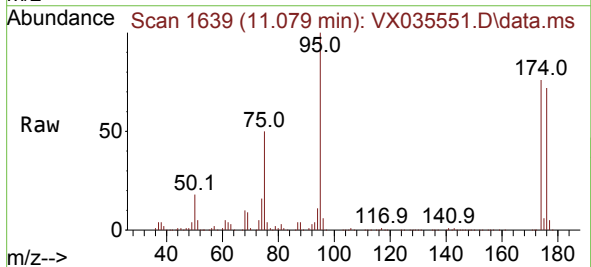
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

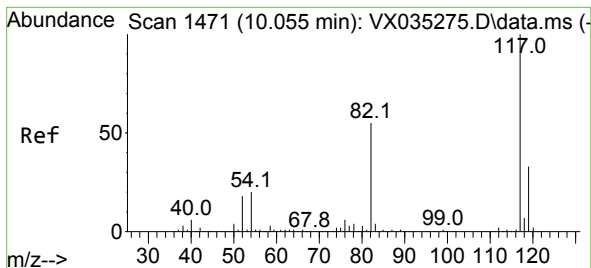
Tgt Ion:107 Resp: 176142  
Ion Ratio Lower Upper  
107 100  
109 94.7 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 53.271 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 95 Resp: 209947  
Ion Ratio Lower Upper  
95 100  
174 79.6 0.0 147.4  
176 76.1 0.0 140.6

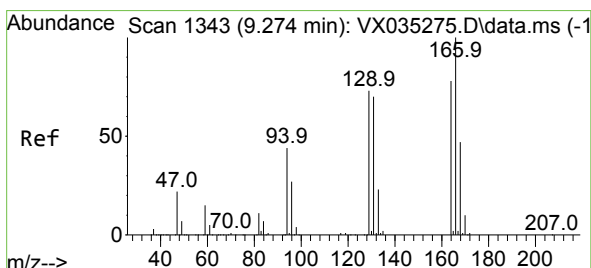
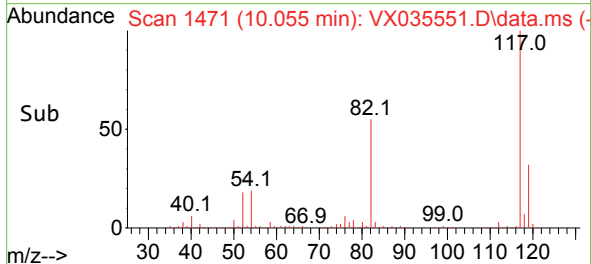
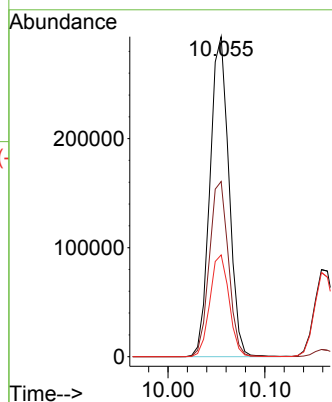
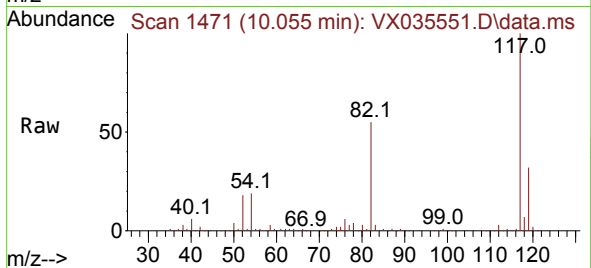




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

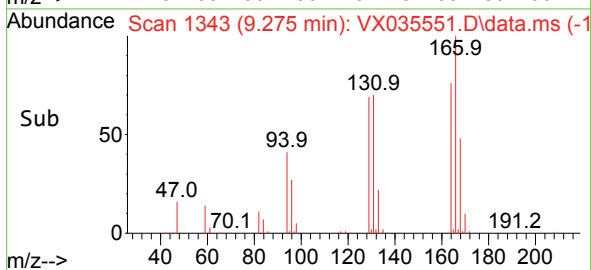
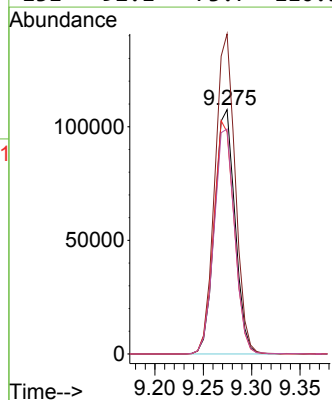
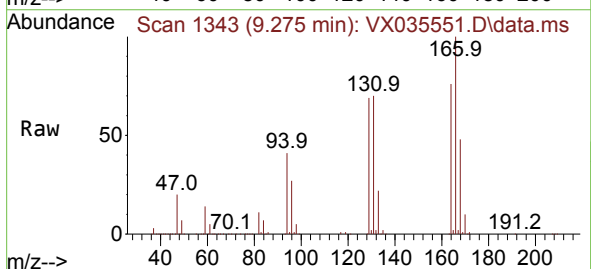
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

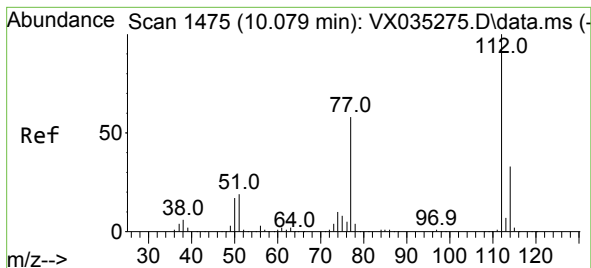
Tgt Ion:117 Resp: 398450  
Ion Ratio Lower Upper  
117 100  
82 54.7 45.0 67.4  
119 31.8 26.0 39.0



#64  
Tetrachloroethene  
Concen: 51.658 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.001 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion:164 Resp: 157599  
Ion Ratio Lower Upper  
164 100  
166 130.9 102.7 154.1  
129 90.8 75.6 113.4  
131 92.1 73.7 110.5

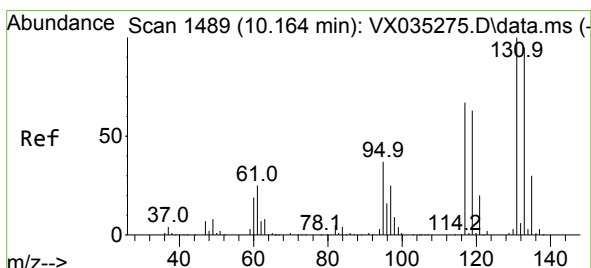
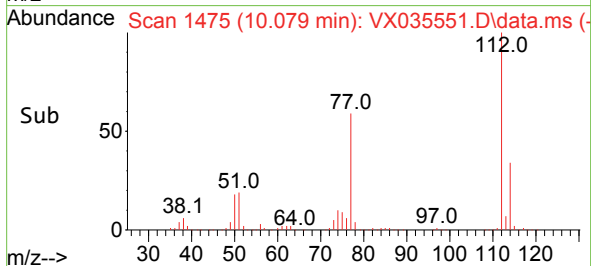
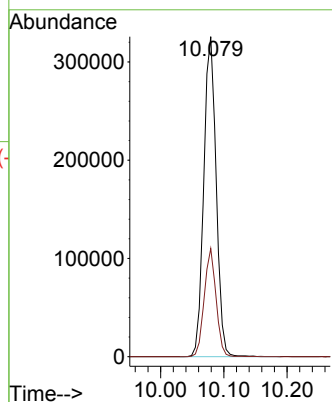
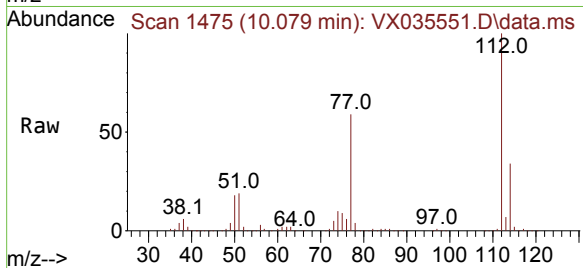




#65  
Chlorobenzene  
Concen: 51.645 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

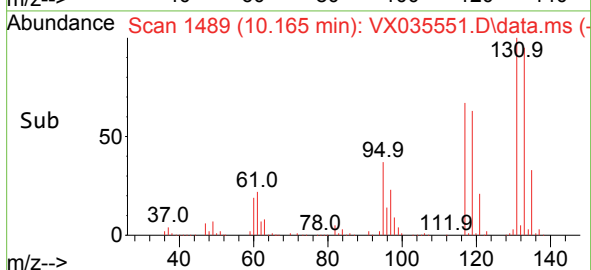
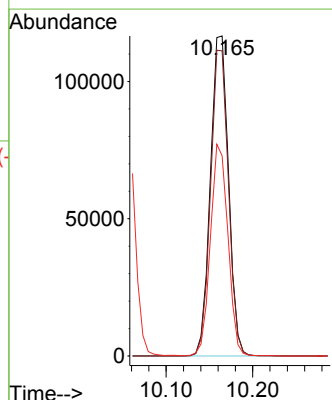
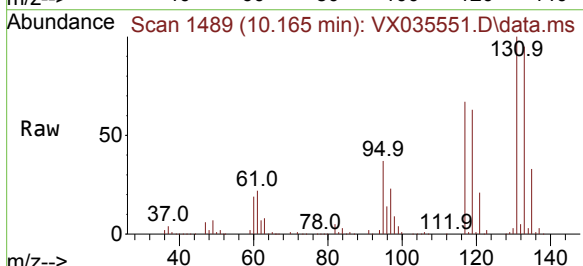
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

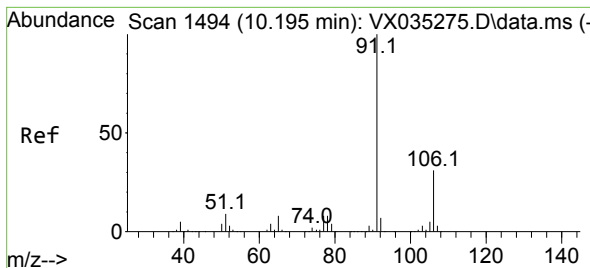
Tgt Ion:112 Resp: 445207  
Ion Ratio Lower Upper  
112 100  
114 33.8 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 56.437 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.001 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion:131 Resp: 169320  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.1 141.4  
119 64.1 32.6 98.0

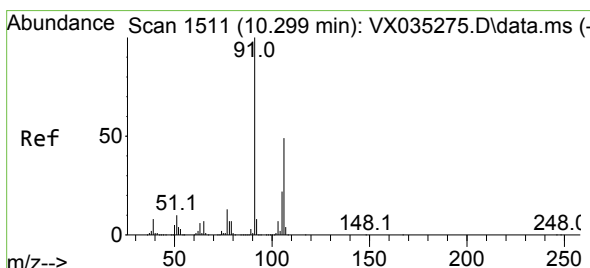
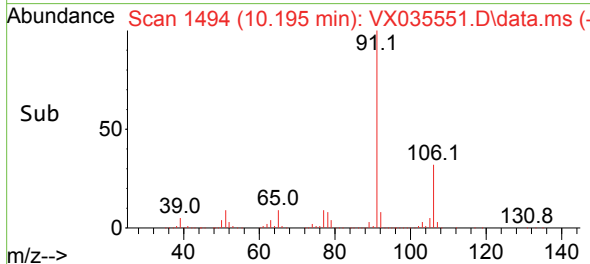
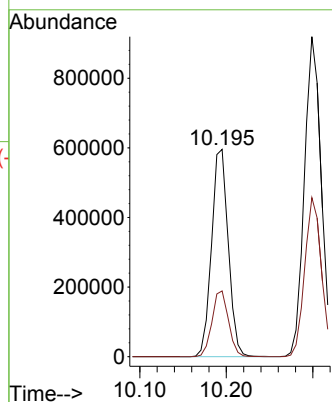
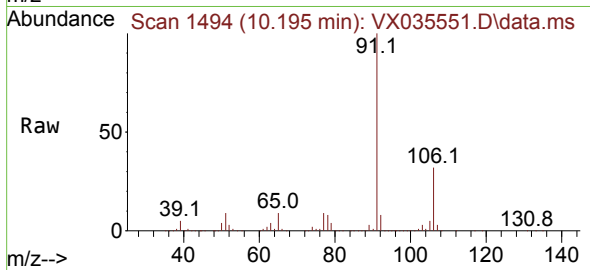




#67  
Ethyl Benzene  
Concen: 53.446 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

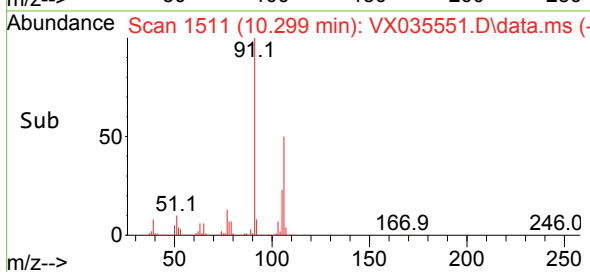
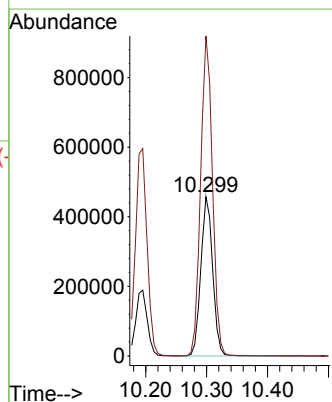
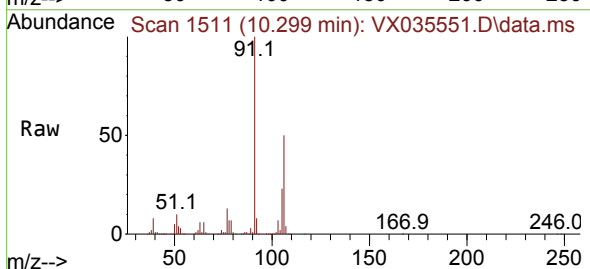
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

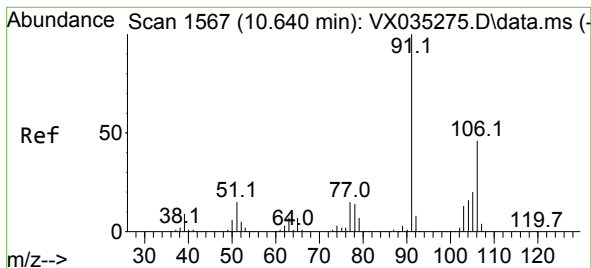
Tgt Ion: 91 Resp: 797898  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.6 38.4



#68  
m/p-Xylenes  
Concen: 107.639 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 106 Resp: 615748  
Ion Ratio Lower Upper  
106 100  
91 201.7 164.0 246.0





#69

o-Xylene

Concen: 54.143 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

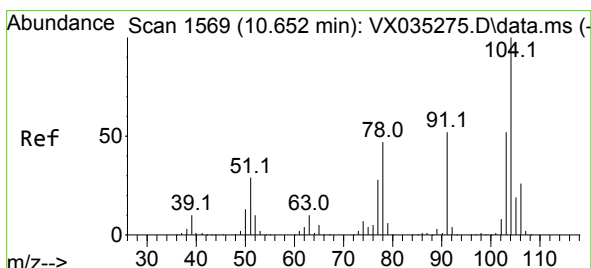
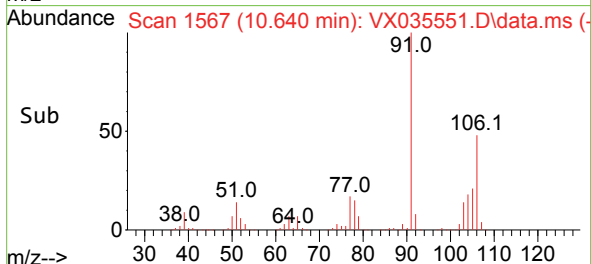
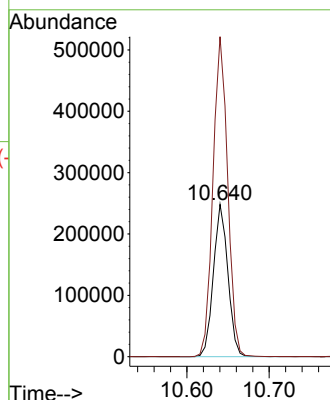
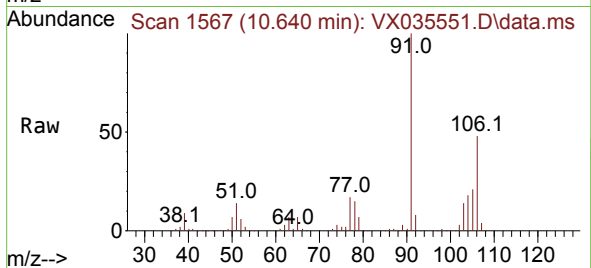
VSTDCCC050

Tgt Ion:106 Resp: 303715

Ion Ratio Lower Upper

106 100

91 213.0 108.5 325.3



#70

Styrene

Concen: 55.229 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

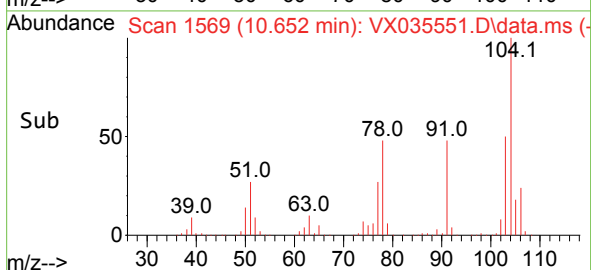
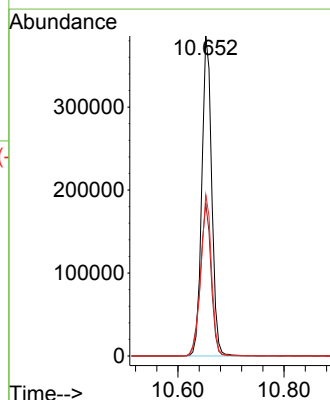
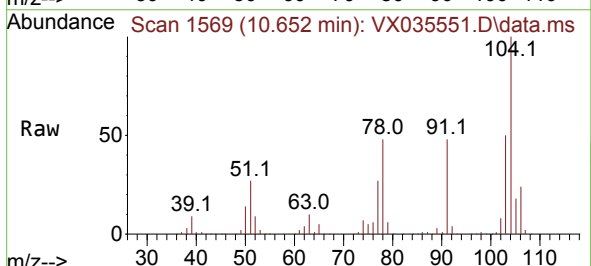
Tgt Ion:104 Resp: 502318

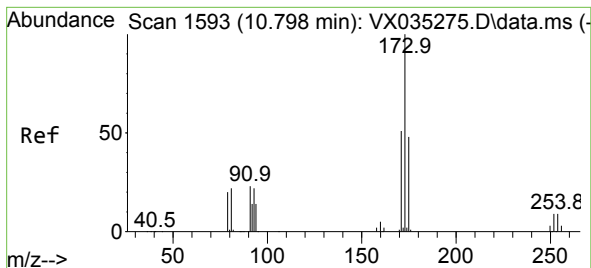
Ion Ratio Lower Upper

104 100

78 51.7 43.4 65.2

103 54.2 44.2 66.2





#71

Bromoform

Concen: 61.320 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

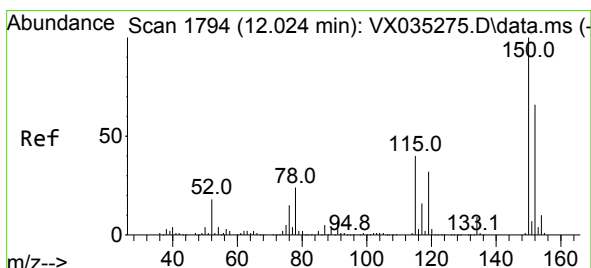
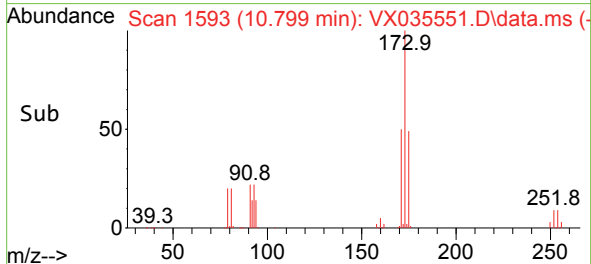
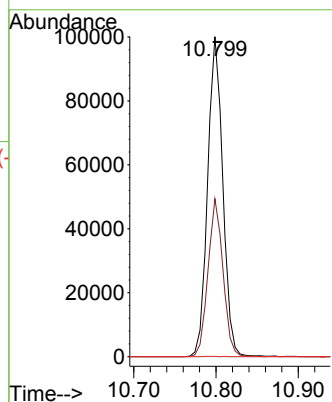
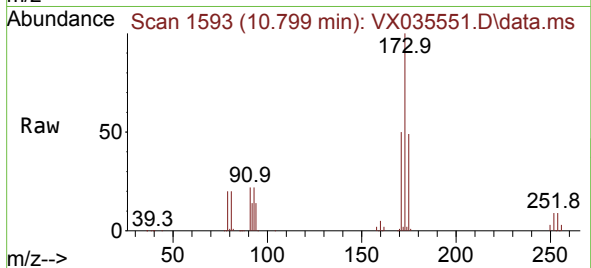
Tgt Ion:173 Resp: 127963

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

254 0.1 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: VX035551.D

Acq: 08 May 2023 11:38

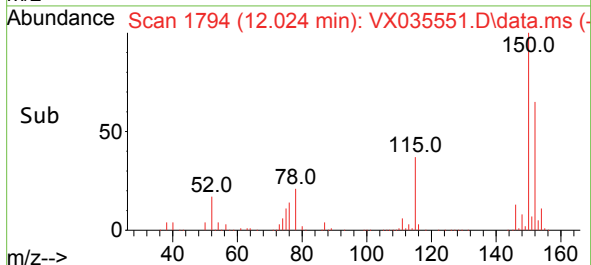
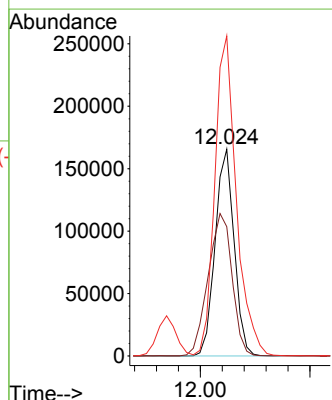
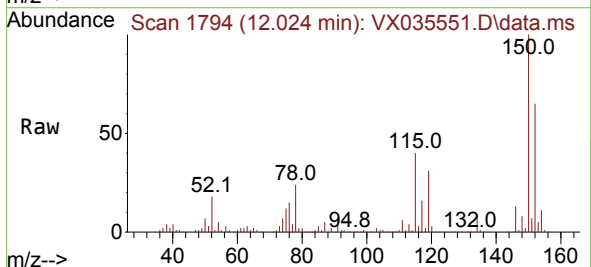
Tgt Ion:152 Resp: 199577

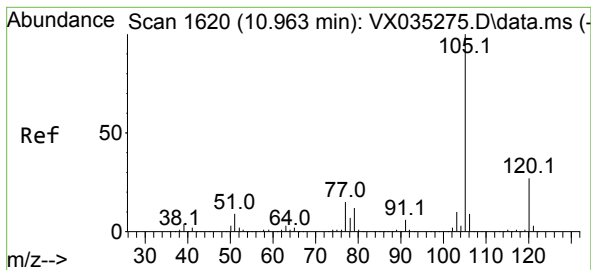
Ion Ratio Lower Upper

152 100

115 86.6 45.0 135.0

150 175.6 0.0 352.4





#73

Isopropylbenzene

Concen: 54.204 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

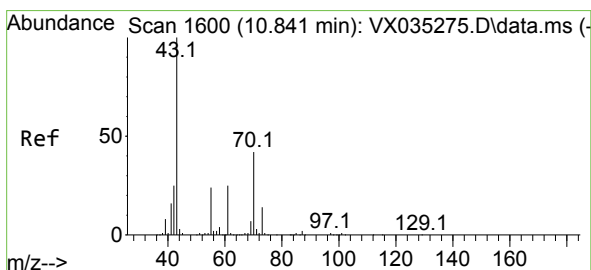
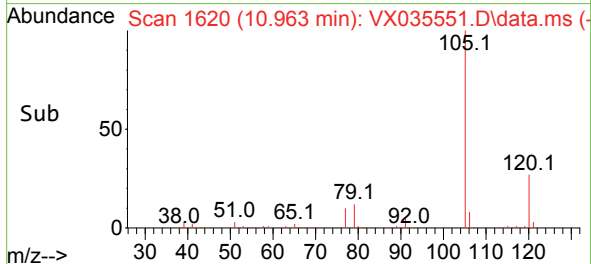
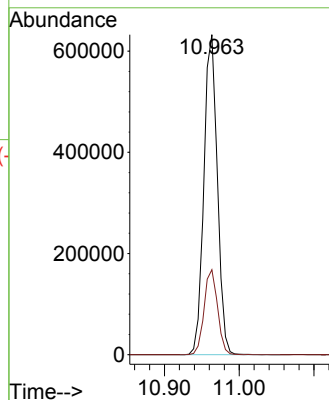
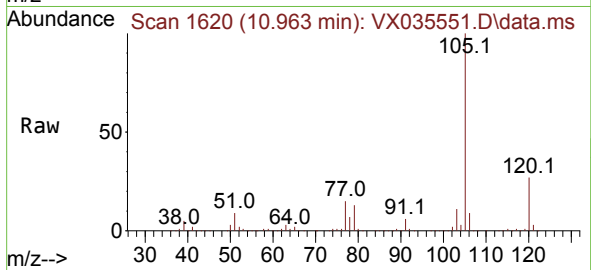
VSTDCCC050

Tgt Ion:105 Resp: 790779

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 57.232 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Tgt Ion: 43 Resp: 313779

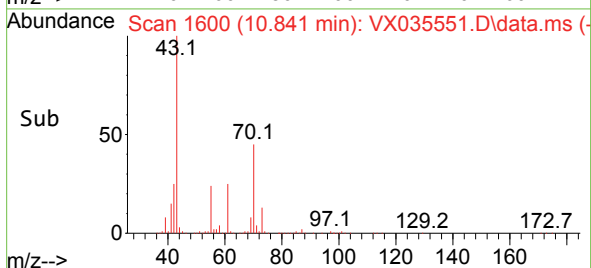
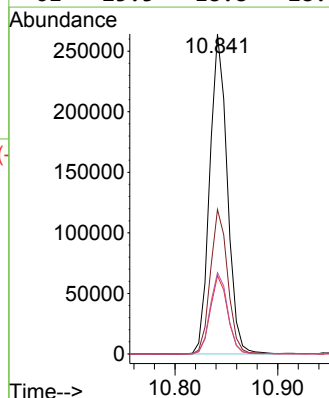
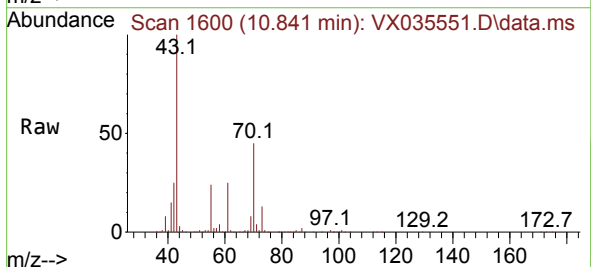
Ion Ratio Lower Upper

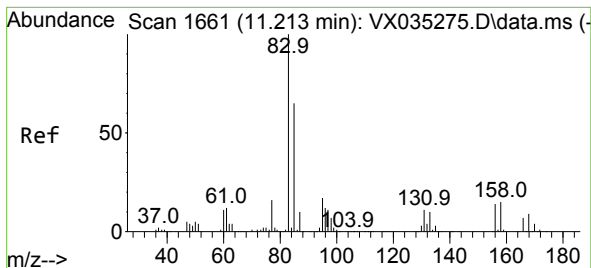
43 100

70 44.9 32.1 48.1

55 24.4 18.3 27.5

61 25.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.724 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

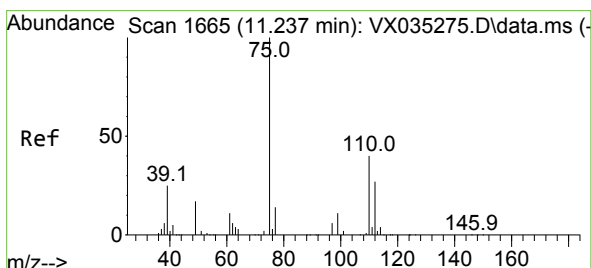
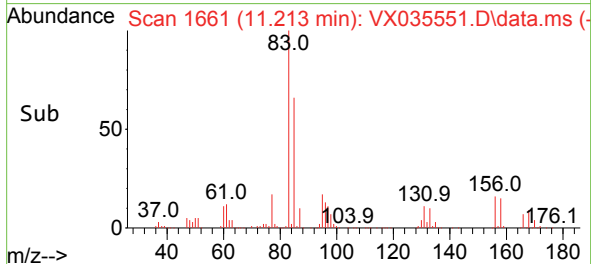
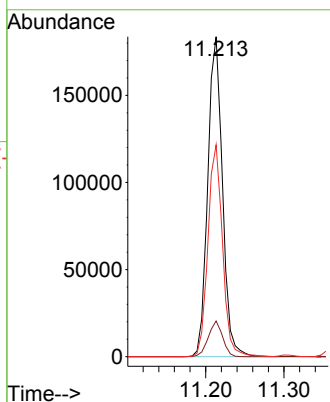
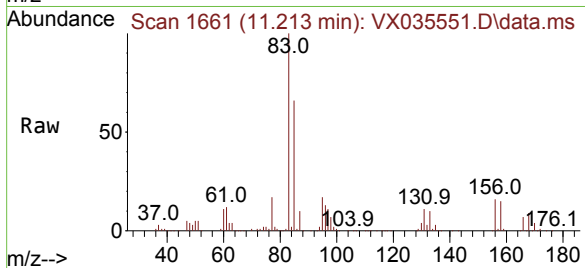
Tgt Ion: 83 Resp: 238742

Ion Ratio Lower Upper

83 100

131 10.9 4.8 14.3

85 65.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 68.235 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.001 min

Lab File: VX035551.D

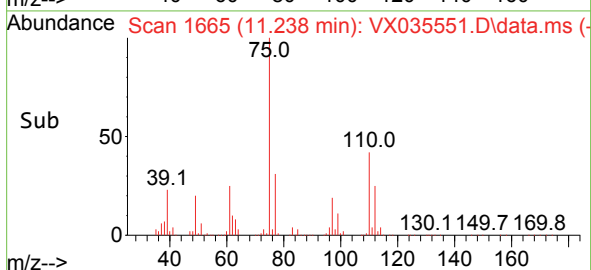
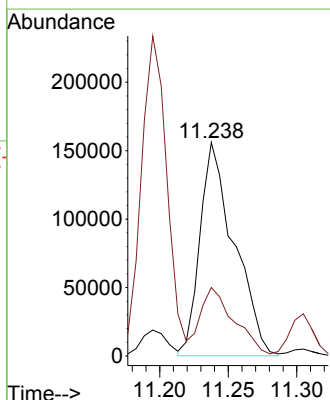
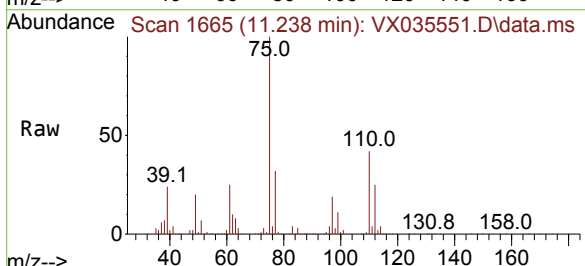
Acq: 08 May 2023 11:38

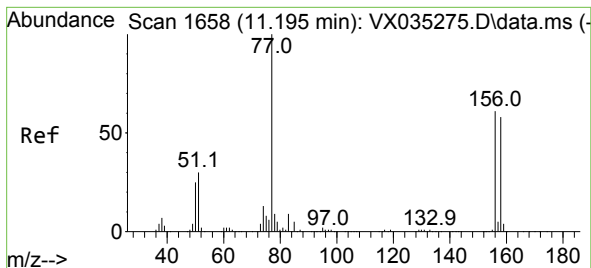
Tgt Ion: 75 Resp: 271650

Ion Ratio Lower Upper

75 100

77 32.0 21.6 64.8





#77

Bromobenzene

Concen: 53.742 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

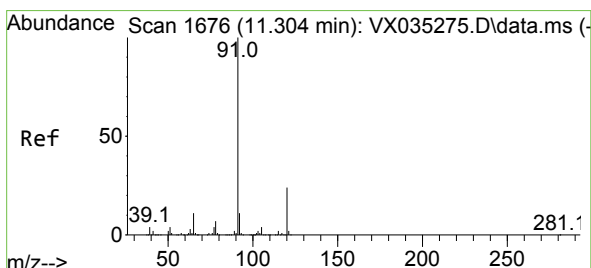
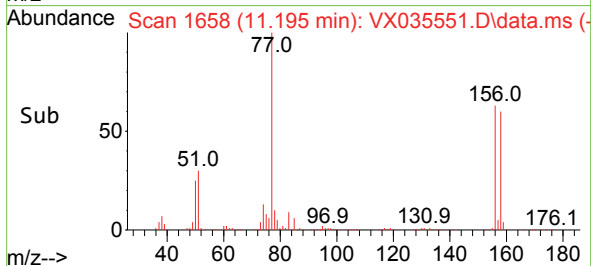
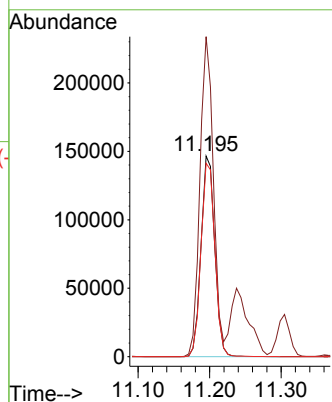
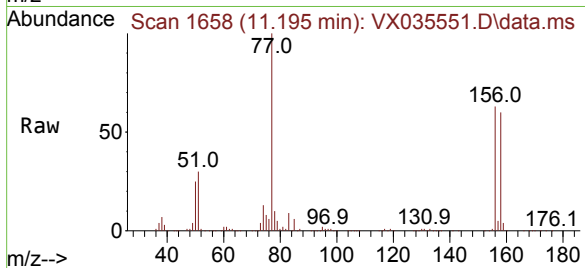
Tgt Ion:156 Resp: 194891

Ion Ratio Lower Upper

156 100

77 156.5 86.7 259.9

158 98.0 48.0 144.0



#78

n-propylbenzene

Concen: 54.573 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX035551.D

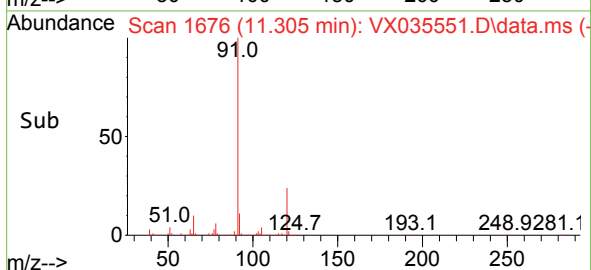
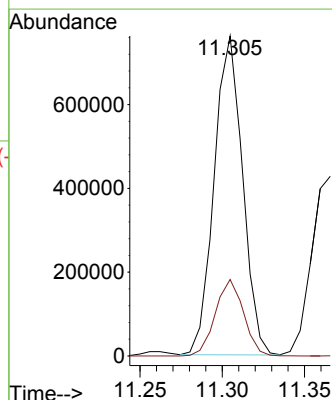
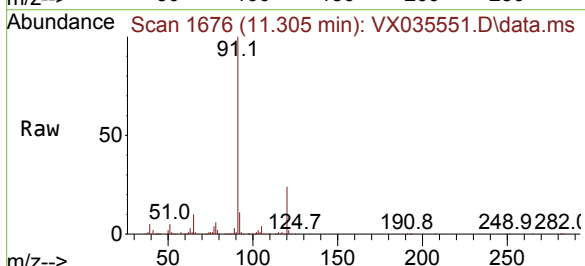
Acq: 08 May 2023 11:38

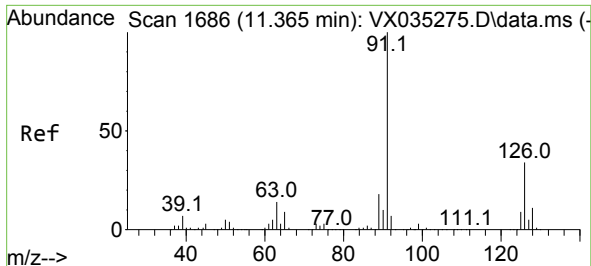
Tgt Ion: 91 Resp: 914382

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.5

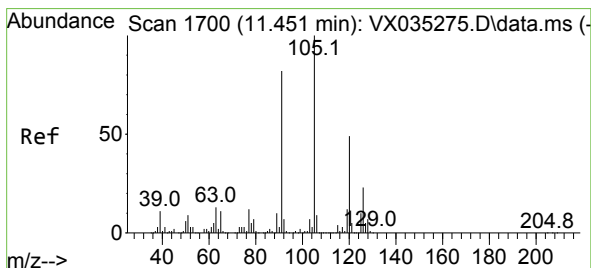
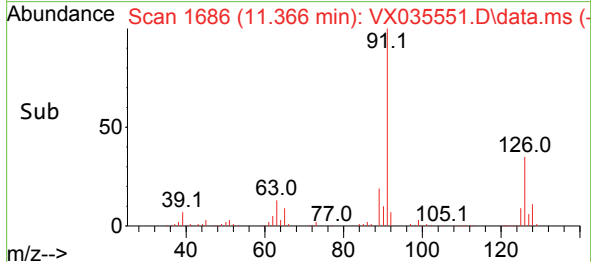
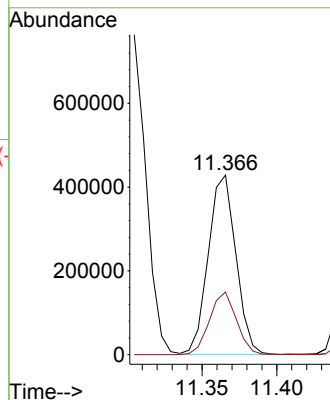
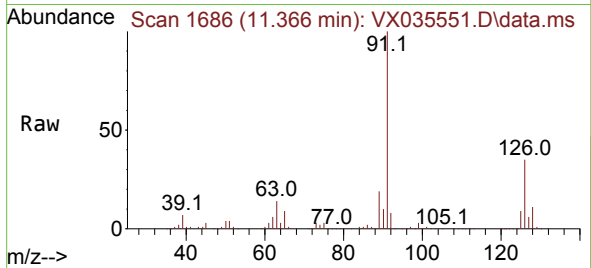




#79  
2-Chlorotoluene  
Concen: 52.421 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.001 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

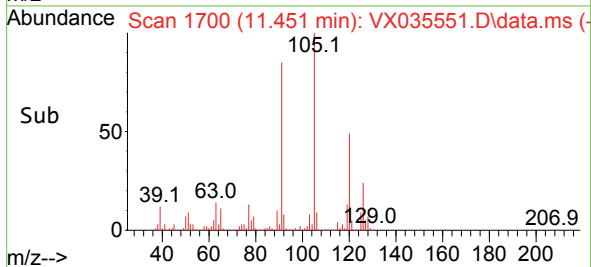
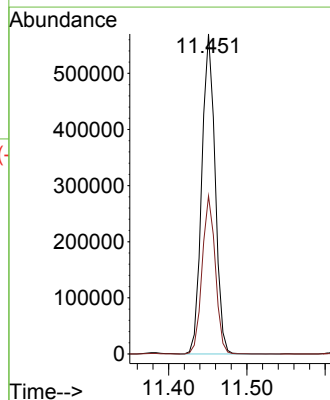
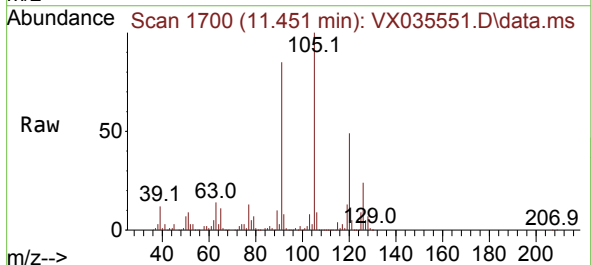
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

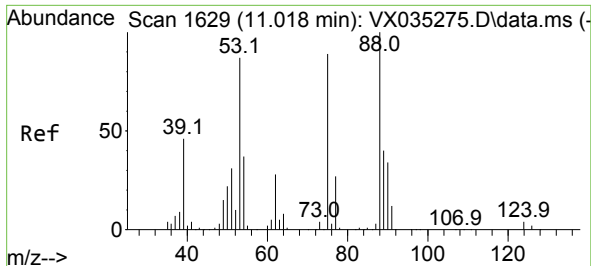
Tgt Ion: 91 Resp: 548844  
Ion Ratio Lower Upper  
91 100  
126 34.2 16.3 48.9



#80  
1,3,5-Trimethylbenzene  
Concen: 54.668 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

Tgt Ion: 105 Resp: 672484  
Ion Ratio Lower Upper  
105 100  
120 48.8 23.7 71.1

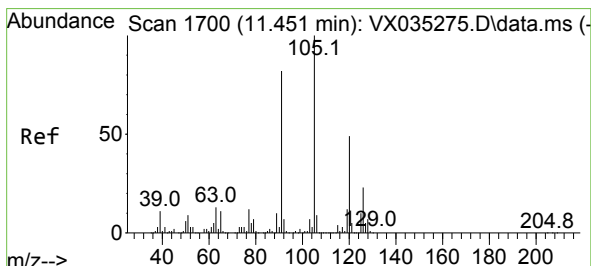
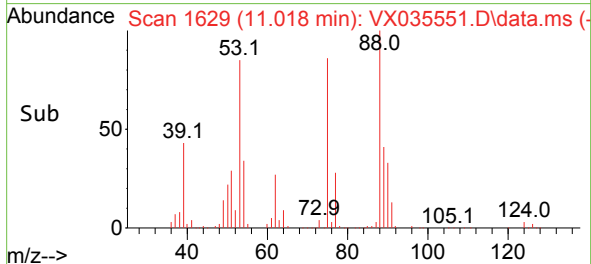
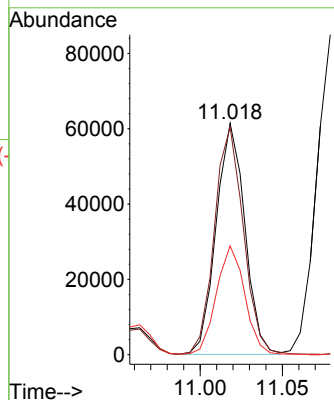
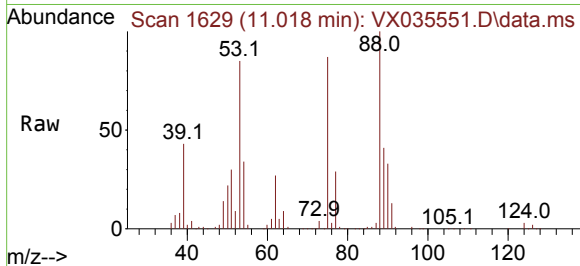




#81  
trans-1,4-Dichloro-2-butene  
Concen: 60.464 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

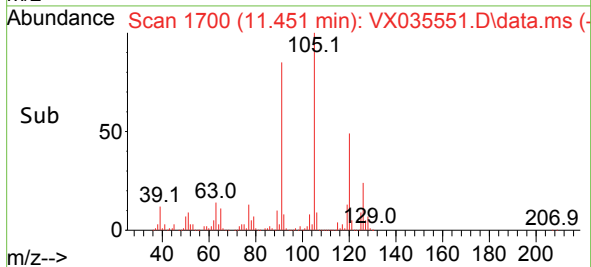
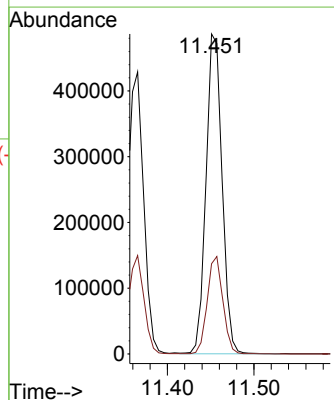
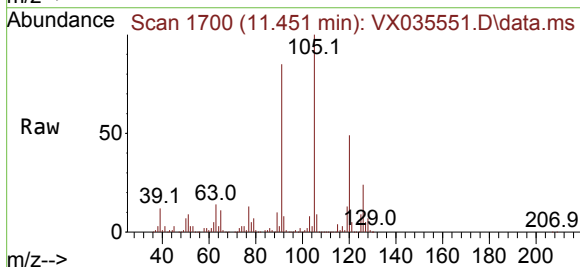
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

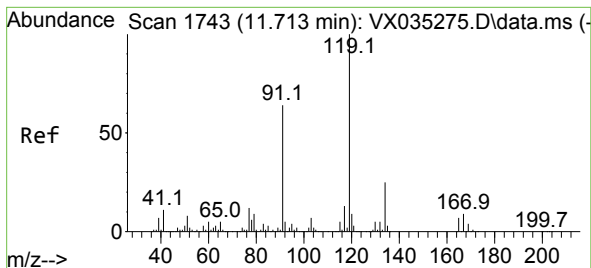
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 74322 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 99.5  | 82.6  | 124.0 |
| 89       | 46.8  | 36.9  | 55.3  |



#82  
4-Chlorotoluene  
Concen: 53.286 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX035551.D  
Acq: 08 May 2023 11:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 626612 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 29.7  | 14.2  | 42.6   |





#83

tert-Butylbenzene

Concen: 55.873 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

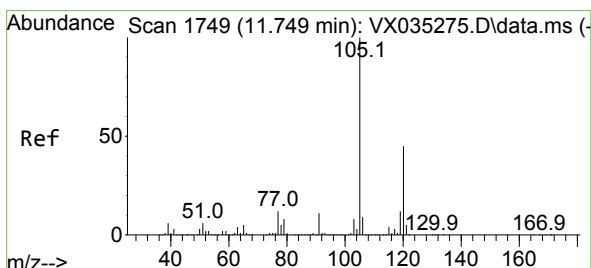
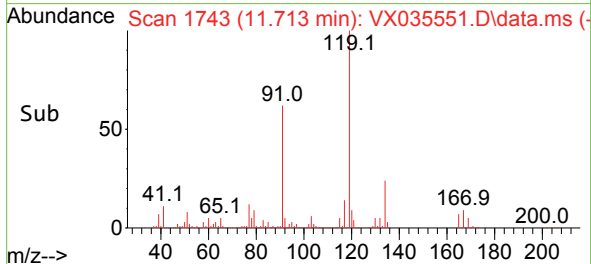
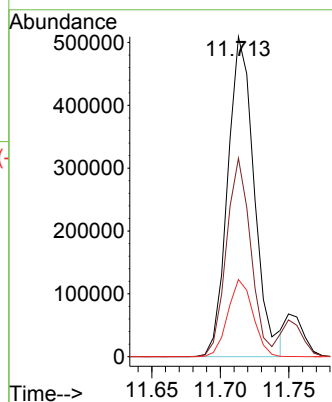
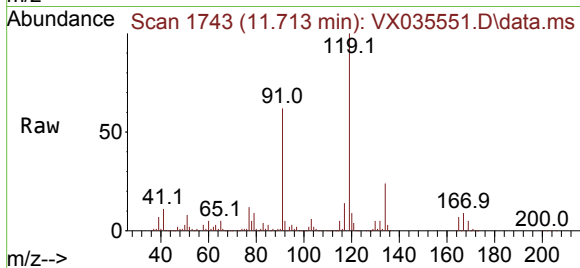
Tgt Ion:119 Resp: 689618

Ion Ratio Lower Upper

119 100

91 56.9 30.6 92.0

134 22.8 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 54.671 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX035551.D

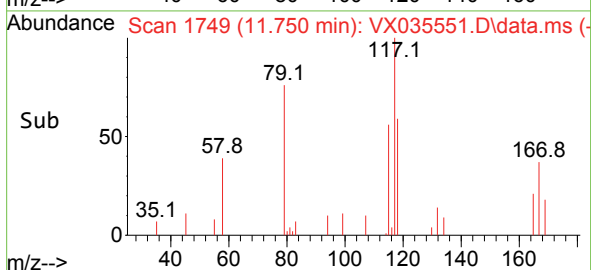
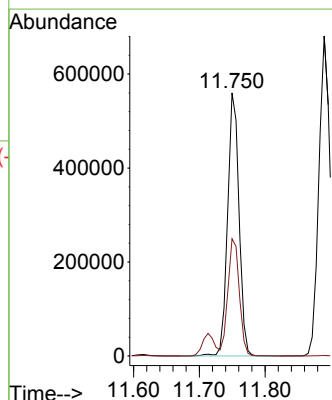
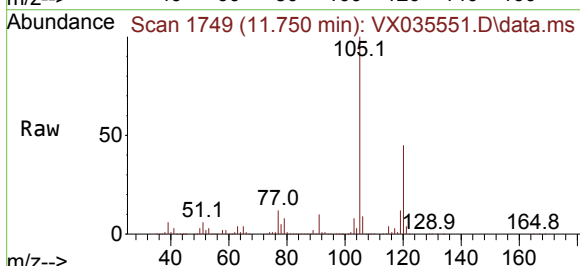
Acq: 08 May 2023 11:38

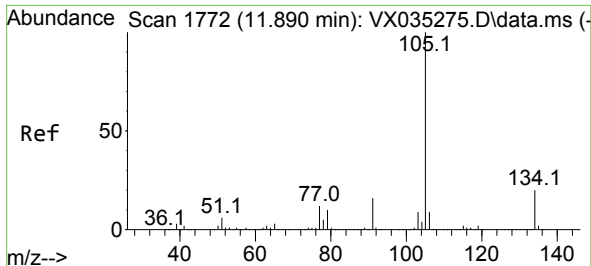
Tgt Ion:105 Resp: 675735

Ion Ratio Lower Upper

105 100

120 44.7 22.4 67.0

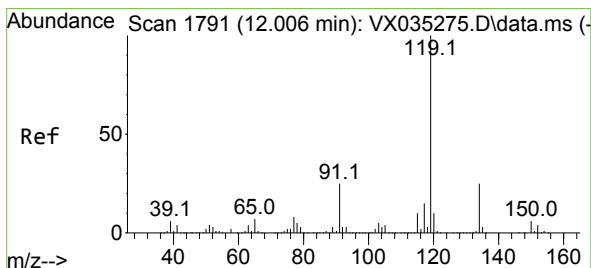
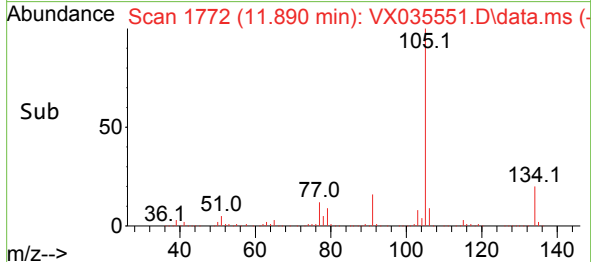
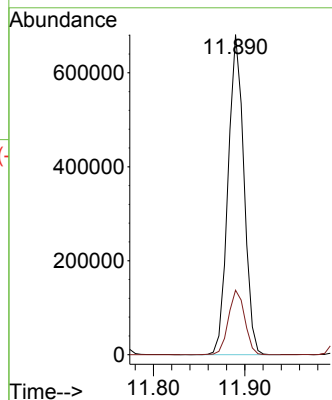
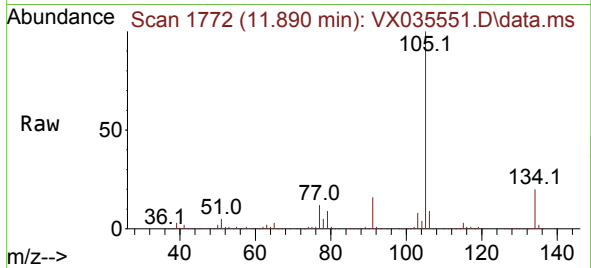




#85  
 sec-Butylbenzene  
 Concen: 54.025 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX035551.D  
 Acq: 08 May 2023 11:38

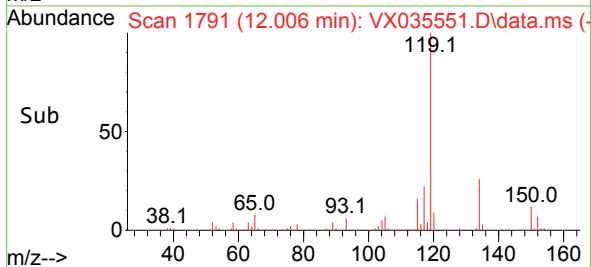
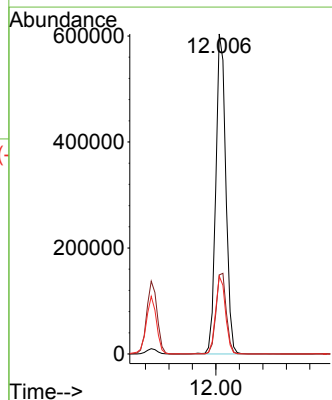
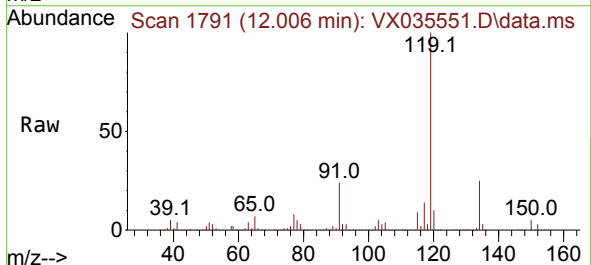
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

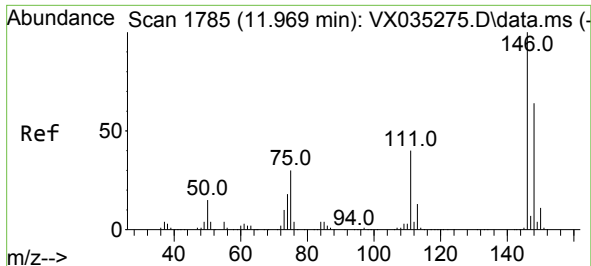
Tgt Ion:105 Resp: 817920  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 55.260 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX035551.D  
 Acq: 08 May 2023 11:38

Tgt Ion:119 Resp: 711546  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.2 39.5  
 91 24.0 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 53.960 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

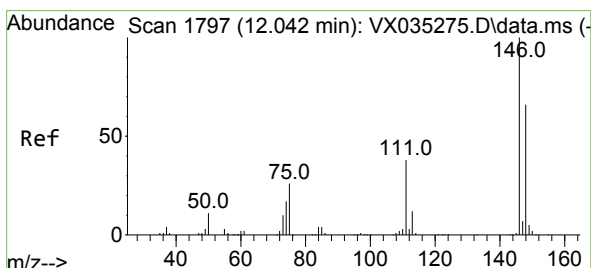
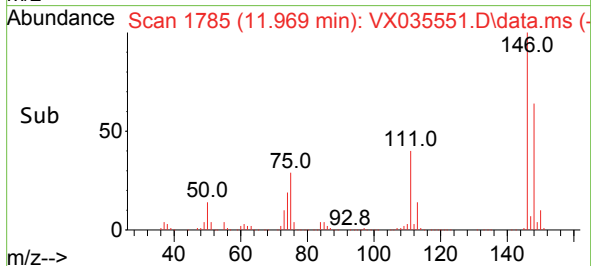
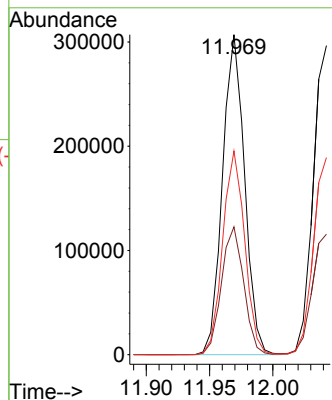
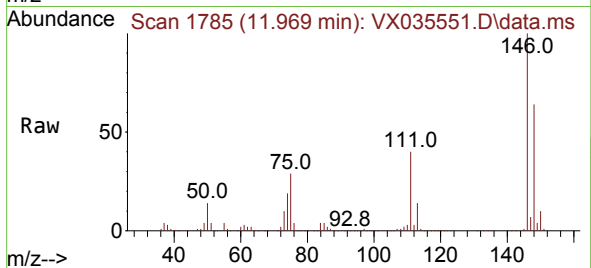
Tgt Ion:146 Resp: 371882

Ion Ratio Lower Upper

146 100

111 40.4 20.9 62.8

148 63.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 51.060 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

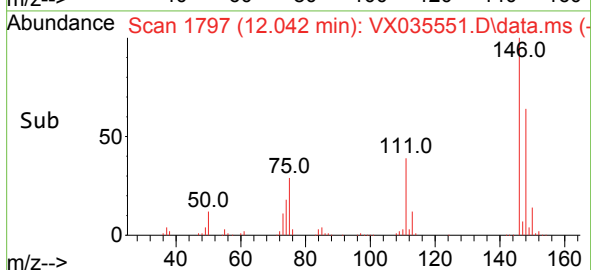
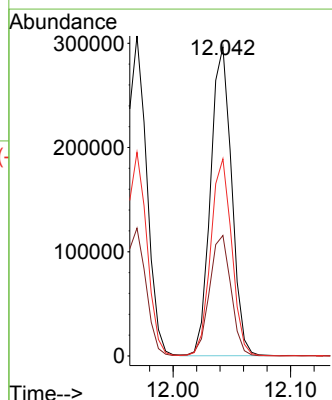
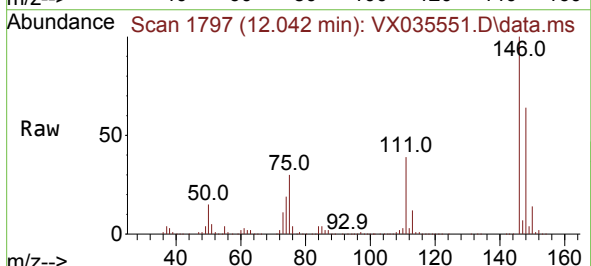
Tgt Ion:146 Resp: 368954

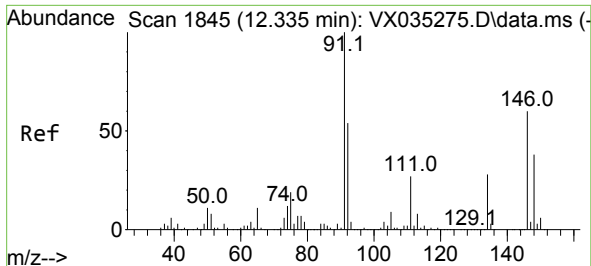
Ion Ratio Lower Upper

146 100

111 40.0 20.6 61.9

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 55.201 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

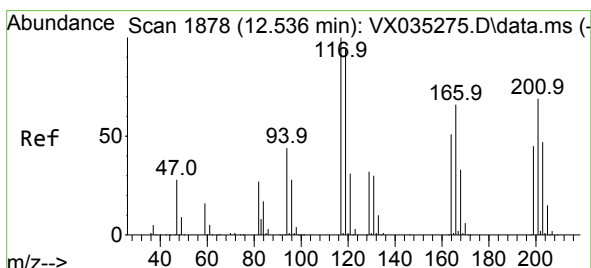
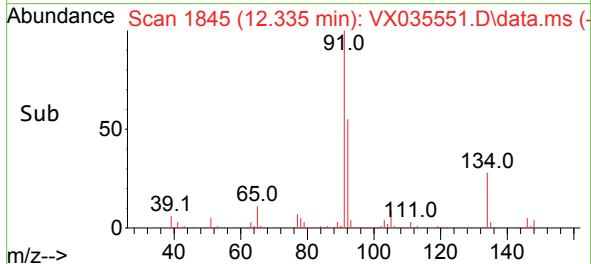
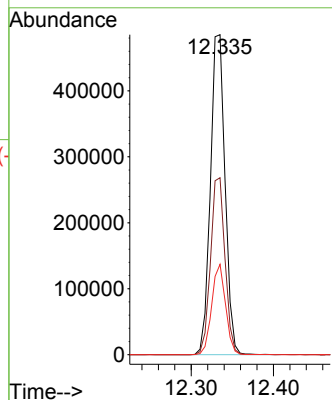
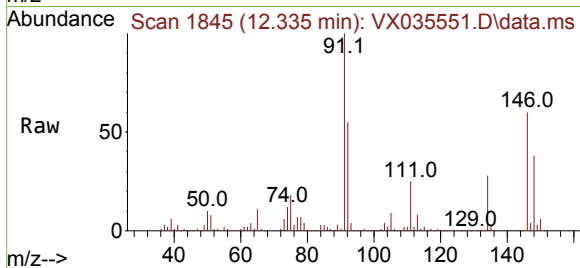
Tgt Ion: 91 Resp: 600023

Ion Ratio Lower Upper

91 100

92 54.7 27.7 83.0

134 26.7 13.0 38.9



#90

Hexachloroethane

Concen: 60.242 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035551.D

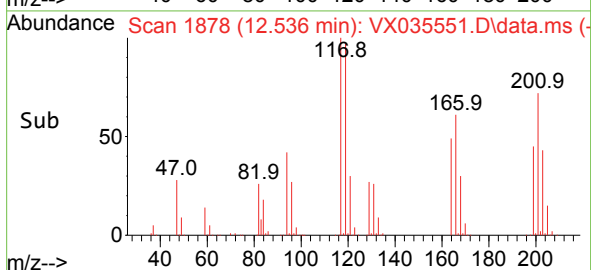
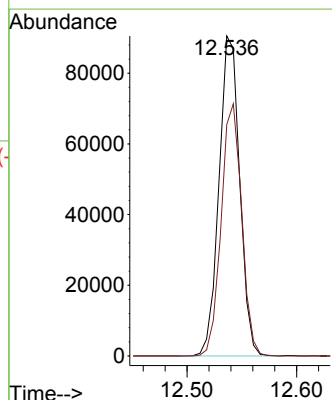
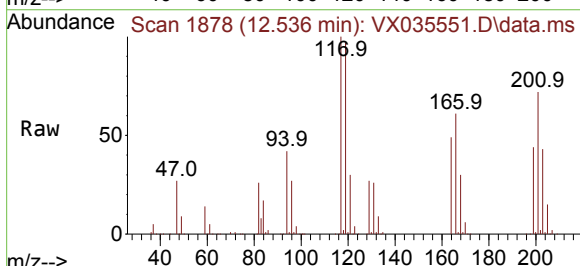
Acq: 08 May 2023 11:38

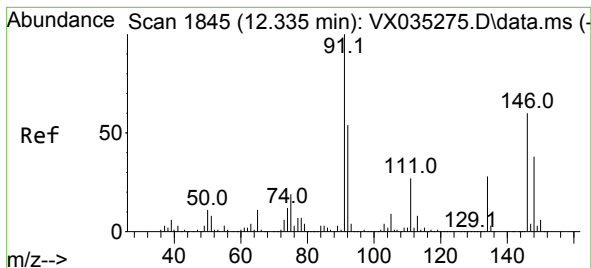
Tgt Ion: 117 Resp: 118742

Ion Ratio Lower Upper

117 100

201 78.1 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 52.089 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

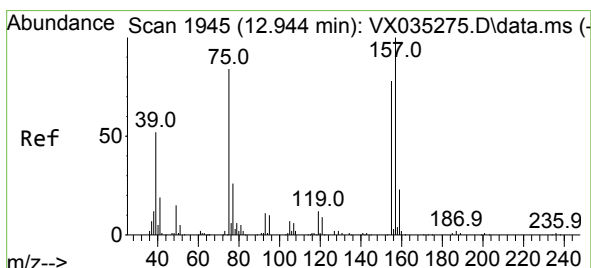
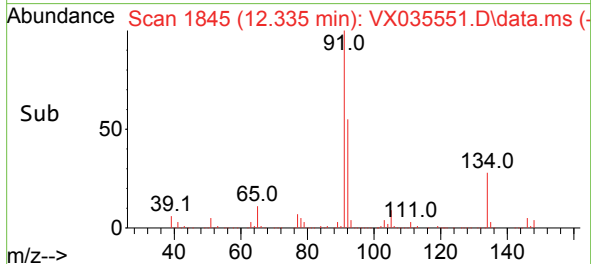
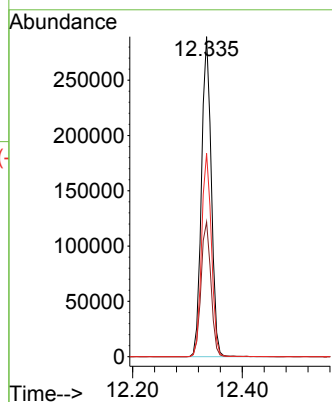
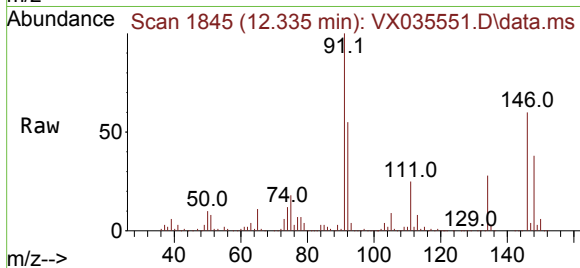
Tgt Ion:146 Resp: 359040

Ion Ratio Lower Upper

146 100

111 42.5 22.0 66.0

148 63.9 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.994 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.001 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

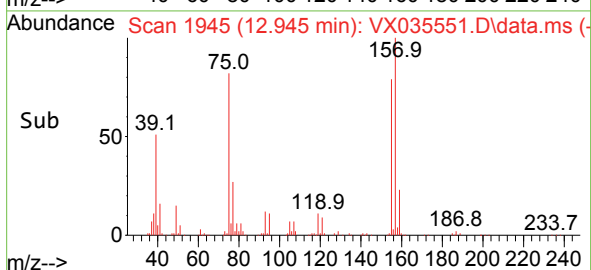
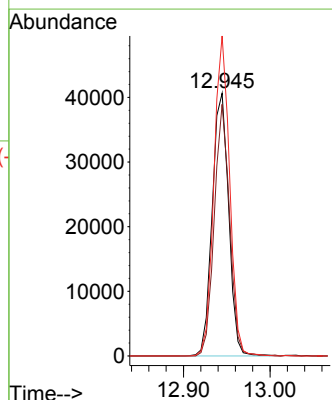
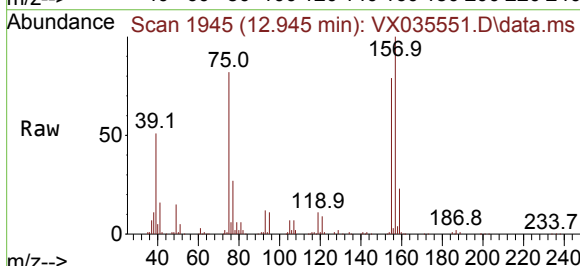
Tgt Ion: 75 Resp: 53566

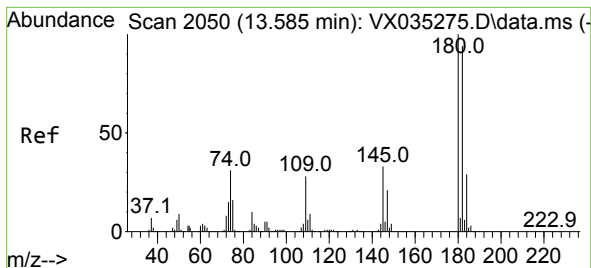
Ion Ratio Lower Upper

75 100

155 89.6 38.4 115.1

157 116.4 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 54.347 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

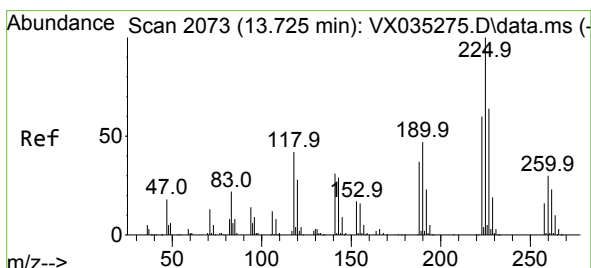
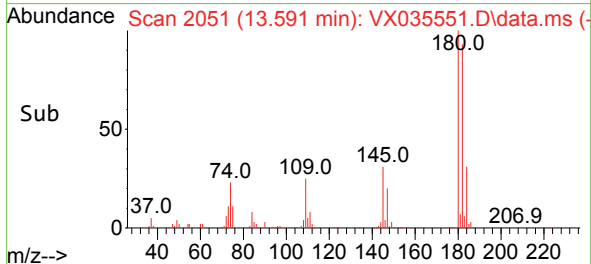
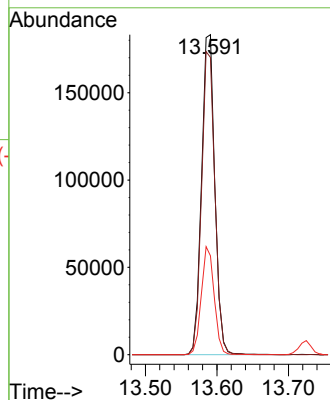
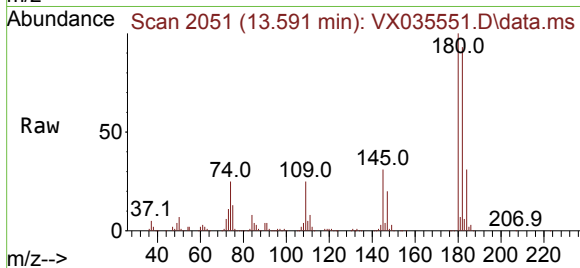
Tgt Ion:180 Resp: 235467

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.0

145 32.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 53.924 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

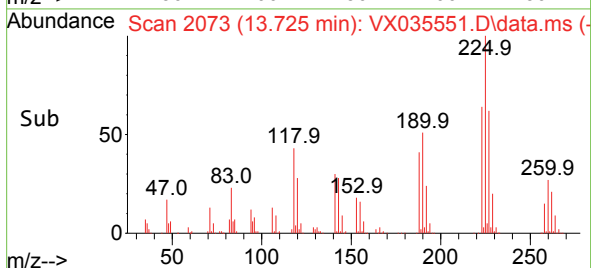
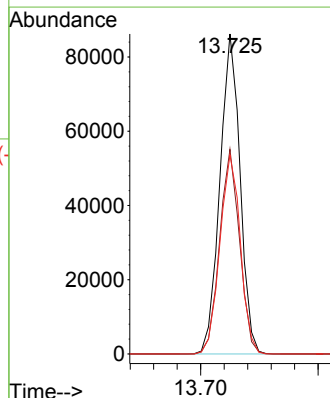
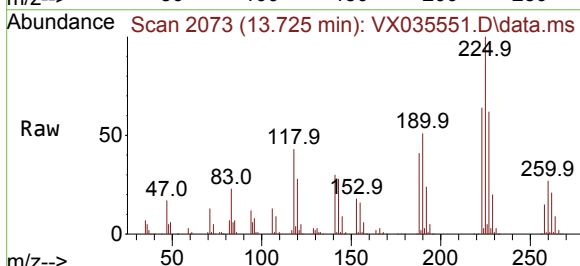
Tgt Ion:225 Resp: 102539

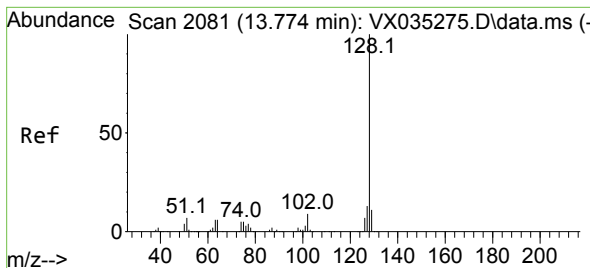
Ion Ratio Lower Upper

225 100

223 63.4 32.1 96.5

227 63.3 31.8 95.4





#95

Naphthalene

Concen: 55.963 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

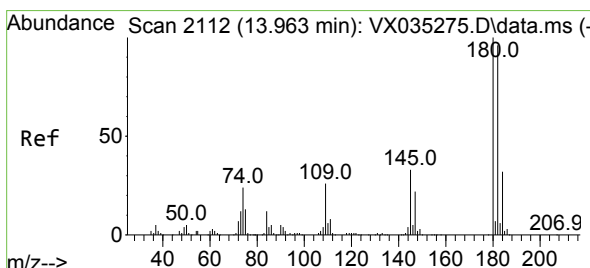
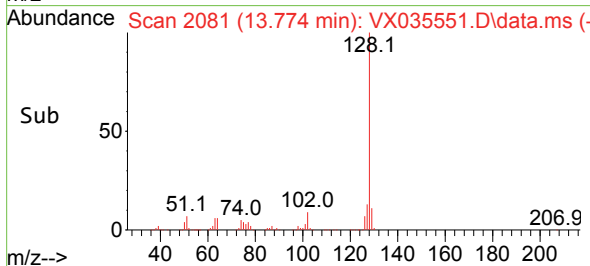
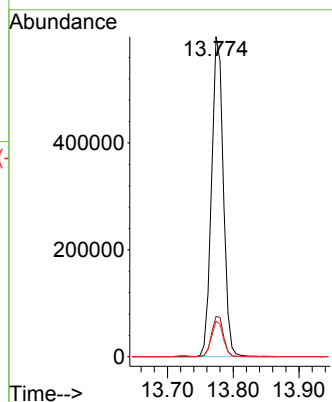
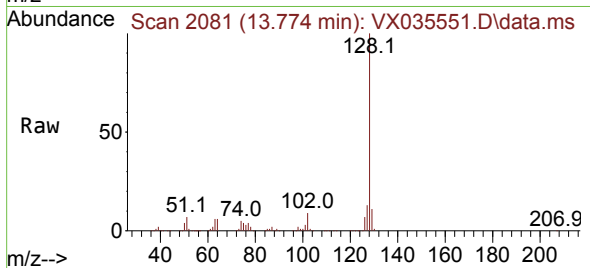
Tgt Ion:128 Resp: 746452

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.384 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035551.D

Acq: 08 May 2023 11:38

Tgt Ion:180 Resp: 232837

Ion Ratio Lower Upper

180 100

182 94.9 48.0 144.2

145 33.4 17.7 53.1

