

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090822\  
 Data File : VX031244.D  
 Acq On : 09 Sep 2022 04:46  
 Operator : JC/MD  
 Sample : N4360-08DL 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 09 05:37:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 07 23:22:41 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 37299    | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 61830    | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 67243    | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 42024    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 49309    | 55.838   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 111.680% |      |
| 35) Dibromofluoromethane    | 5.385  | 113   | 34424    | 51.091   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.180% |      |
| 50) Toluene-d8              | 8.653  | 98    | 112295   | 45.872   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 91.740%  |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 44752    | 49.885   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 99.760%  |      |

|                              |       |     |        |         |      |      |
|------------------------------|-------|-----|--------|---------|------|------|
| Target Compounds             |       |     |        | Qvalue  |      |      |
| 2) Dichlorodifluoromethane   | 1.167 | 85  | 31695  | 52.877  | ug/l | 100  |
| 3) Chloromethane             | 1.288 | 50  | 20254  | 43.973  | ug/l | 100  |
| 4) Vinyl Chloride            | 1.374 | 62  | 26905  | 49.482  | ug/l | 94   |
| 5) Bromomethane              | 1.612 | 94  | 19584  | 56.373  | ug/l | 98   |
| 6) Chloroethane              | 1.685 | 64  | 18719  | 61.370  | ug/l | 96   |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 74020  | 62.474  | ug/l | 100  |
| 8) Diethyl Ether             | 2.136 | 74  | 18998  | 56.453  | ug/l | 75   |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 33248  | 49.623  | ug/l | 95   |
| 10) Methyl Iodide            | 2.453 | 142 | 40993  | 49.480  | ug/l | # 75 |
| 11) Tert butyl alcohol       | 2.995 | 59  | 50957  | 331.115 | ug/l | # 93 |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 32190  | 51.116  | ug/l | 94   |
| 13) Acrolein                 | 2.240 | 56  | 32914  | 268.373 | ug/l | 99   |
| 14) Allyl chloride           | 2.666 | 41  | 38661  | 45.700  | ug/l | # 63 |
| 15) Acrylonitrile            | 3.069 | 53  | 85891  | 255.436 | ug/l | 96   |
| 16) Acetone                  | 2.386 | 43  | 91617  | 299.634 | ug/l | 89   |
| 17) Carbon Disulfide         | 2.508 | 76  | 78635  | 50.789  | ug/l | 100  |
| 18) Methyl Acetate           | 2.703 | 43  | 39590  | 50.016  | ug/l | # 85 |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 130158 | 58.191  | ug/l | # 86 |
| 20) Methylene Chloride       | 2.788 | 84  | 36249  | 50.441  | ug/l | 89   |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 34422  | 49.332  | ug/l | 100  |
| 22) Diisopropyl ether        | 3.764 | 45  | 84223  | 47.411  | ug/l | # 92 |
| 23) Vinyl Acetate            | 3.727 | 43  | 387664 | 259.988 | ug/l | # 90 |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 61103  | 51.857  | ug/l | 97   |
| 25) 2-Butanone               | 4.562 | 43  | 115551 | 255.133 | ug/l | # 88 |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 44522  | 42.225  | ug/l | 92   |
| 27) cis-1,2-Dichloroethene   | 4.495 | 96  | 40030  | 49.969  | ug/l | 98   |
| 28) Bromochloromethane       | 4.898 | 49  | 19701  | 46.110  | ug/l | # 67 |
| 29) Tetrahydrofuran          | 5.013 | 42  | 62948  | 235.412 | ug/l | # 72 |
| 30) Chloroform               | 5.099 | 83  | 77695  | 55.744  | ug/l | 99   |
| 31) Cyclohexane              | 5.477 | 56  | 43146  | 43.723  | ug/l | # 77 |
| 32) 1,1,1-Trichloroethane    | 5.391 | 97  | 79392  | 63.199  | ug/l | 96   |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 50938  | 50.482  | ug/l | 95   |
| 37) Ethyl Acetate            | 4.715 | 43  | 43602  | 48.709  | ug/l | 98   |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 68194  | 64.234  | ug/l | 98   |
| 39) Methylcyclohexane        | 7.379 | 83  | 53115  | 46.090  | ug/l | 97   |
| 40) Benzene                  | 6.038 | 78  | 127865 | 46.647  | ug/l | 99   |

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 Sample : N4360-08DL 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Sep 09 05:37:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 07 23:22:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 23583    | 50.384   | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 69610    | 62.026   | ug/l   | 92       |
| 43) Isopropyl Acetate         | 6.349  | 43   | 70965    | 50.282   | ug/l # | 97       |
| 44) Trichloroethene           | 7.129  | 130  | 37549    | 48.733   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 29232    | 43.394   | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 27847    | 52.131   | ug/l   | 94       |
| 47) Bromodichloromethane      | 7.824  | 83   | 62134    | 59.797   | ug/l   | 93       |
| 48) Methyl methacrylate       | 7.696  | 41   | 35533    | 51.702   | ug/l # | 84       |
| 49) 1,4-Dioxane               | 7.684  | 88   | 19639    | 1035.136 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 215396   | 249.236  | ug/l   | 92       |
| 52) Toluene                   | 8.720  | 92   | 86640    | 47.922   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 59501    | 54.968   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 59664    | 51.340   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 37732    | 50.762   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 58659    | 53.565   | ug/l # | 88       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 61942    | 48.228   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.245  | 63   | 118841   | 230.258  | ug/l # | 88       |
| 59) 2-Hexanone                | 9.433  | 43   | 169411   | 259.217  | ug/l   | 96       |
| 60) Dibromochloromethane      | 9.525  | 129  | 46441    | 60.602   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 40975    | 49.605   | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 32411    | 46.301   | ug/l   | 95       |
| 65) Chlorobenzene             | 10.080 | 112  | 93767    | 47.362   | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 41686    | 53.906   | ug/l   | 94       |
| 67) Ethyl Benzene             | 10.195 | 91   | 185729   | 51.767   | ug/l   | 96       |
| 68) m/p-Xylenes               | 10.305 | 106  | 133726   | 100.548  | ug/l   | 81       |
| 69) o-Xylene                  | 10.640 | 106  | 65676    | 49.479   | ug/l   | 80       |
| 70) Styrene                   | 10.659 | 104  | 108904   | 51.163   | ug/l # | 90       |
| 71) Bromoform                 | 10.799 | 173  | 31762    | 61.645   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 180085   | 49.349   | ug/l   | 95       |
| 74) N-amyl acetate            | 10.842 | 43   | 57057    | 49.111   | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 53451    | 46.922   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 65266    | 56.906   | ug/l   | 87       |
| 77) Bromobenzene              | 11.201 | 156  | 39188    | 49.410   | ug/l   | 94       |
| 78) n-propylbenzene           | 11.305 | 91   | 208661   | 50.163   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 129685   | 50.322   | ug/l   | 91       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 157924   | 51.477   | ug/l   | 92       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 16329    | 45.914   | ug/l # | 81       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 152768   | 51.237   | ug/l   | 92       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 153360   | 50.709   | ug/l   | 89       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 157546   | 52.824   | ug/l   | 92       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 188861   | 50.422   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 158387   | 52.343   | ug/l   | 90       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 72851    | 49.423   | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 74280    | 49.001   | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.335 | 91   | 134201   | 51.439   | ug/l   | 97       |
| 90) Hexachloroethane          | 12.543 | 117  | 29944    | 57.594   | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 70592    | 48.834   | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 18036    | 57.649   | ug/l   | 74       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 43419    | 51.364   | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 18799    | 52.371   | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 175688   | 53.055   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 45270    | 52.601   | ug/l   | 97       |

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Operator : JC/MD  
Sample : N4360-08DL 50X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Sep 09 05:37:01 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090722W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 07 23:22:41 2022  
Response via : Initial Calibration

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

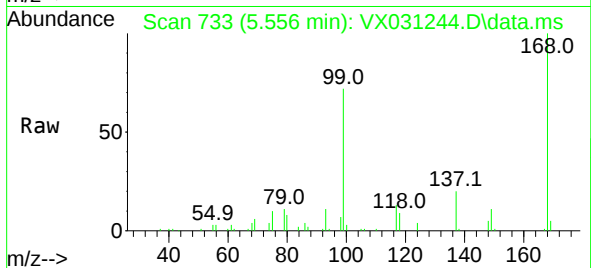
(#) = qualifier out of range (m) = manual integration (+) = signals summed



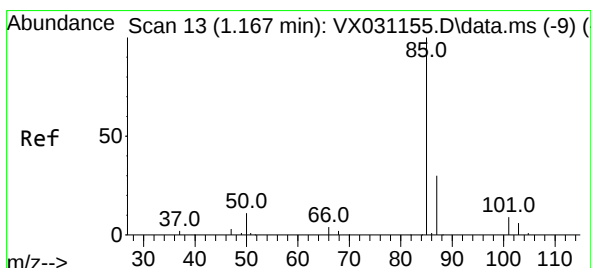
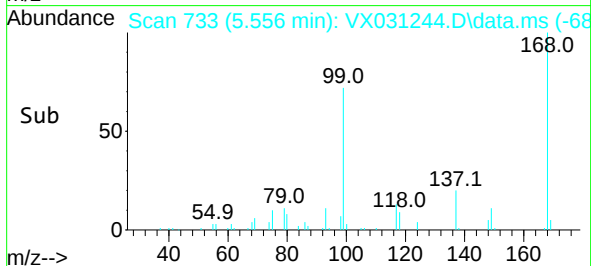
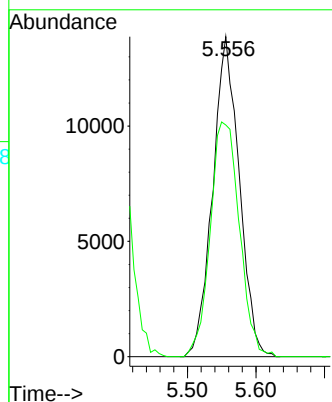


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

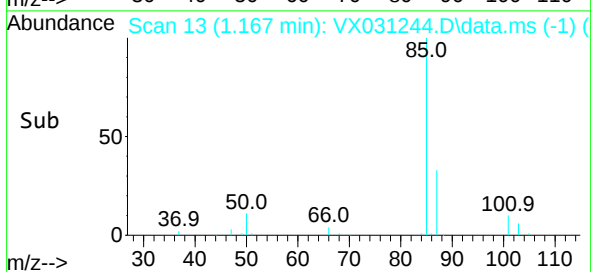
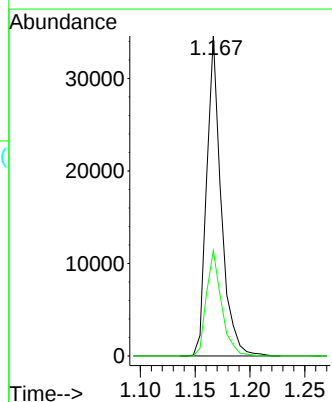
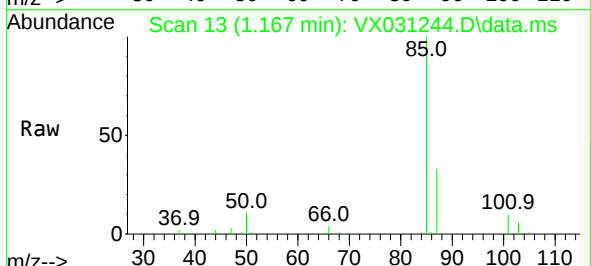


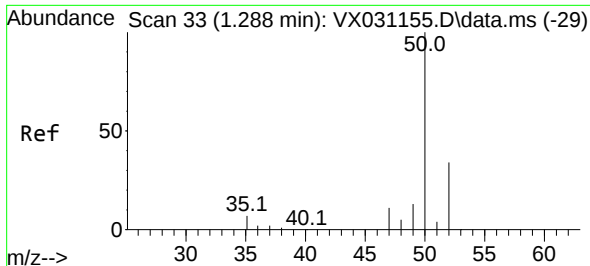
Tgt Ion:168 Resp: 37299  
Ion Ratio Lower Upper  
168 100  
99 72.4 44.0 66.0#



#2  
Dichlorodifluoromethane  
Concen: 52.877 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 85 Resp: 31695  
Ion Ratio Lower Upper  
85 100  
87 32.9 16.5 49.5

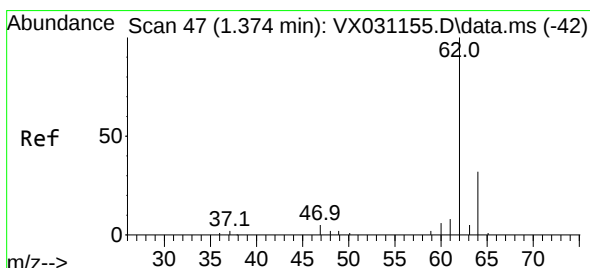
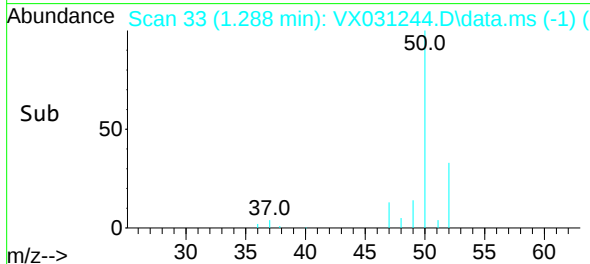
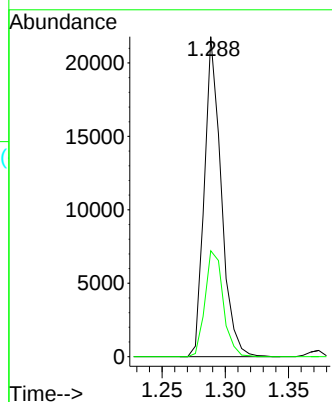
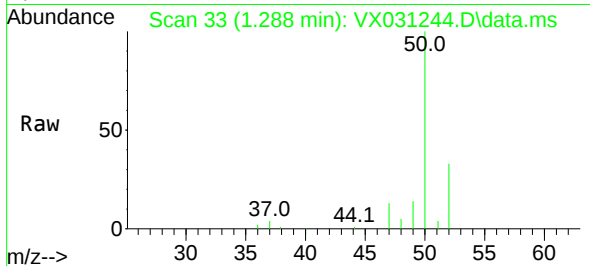




#3  
Chloromethane  
Concen: 43.973 ug/l  
RT: 1.288 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

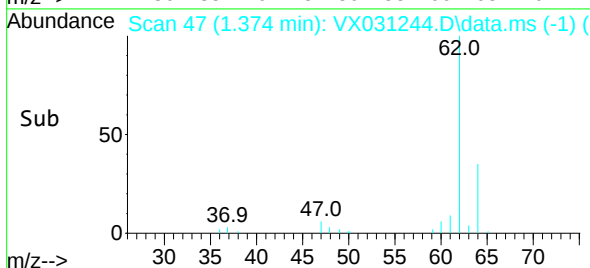
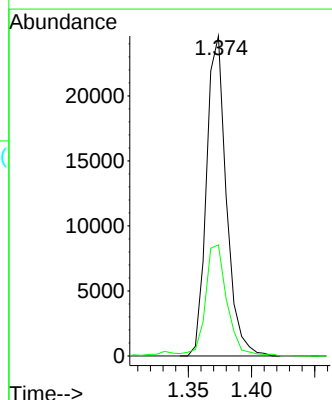
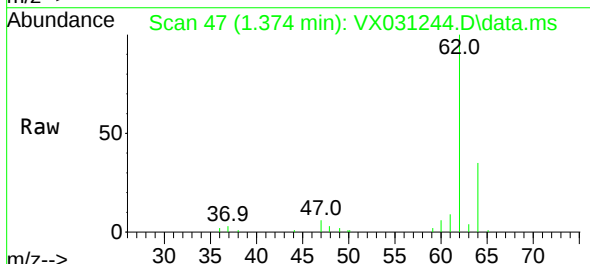
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

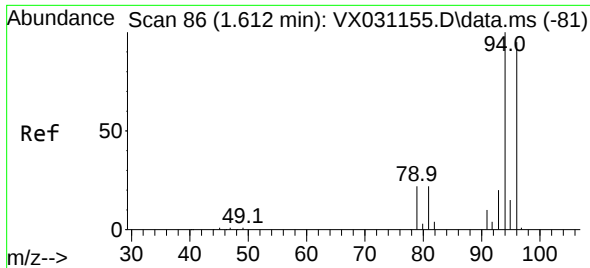
Tgt Ion: 50 Resp: 20254  
Ion Ratio Lower Upper  
50 100  
52 33.1 26.3 39.5



#4  
Vinyl Chloride  
Concen: 49.482 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 62 Resp: 26905  
Ion Ratio Lower Upper  
62 100  
64 34.7 25.2 37.8

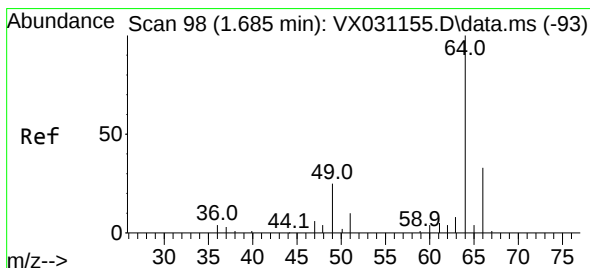
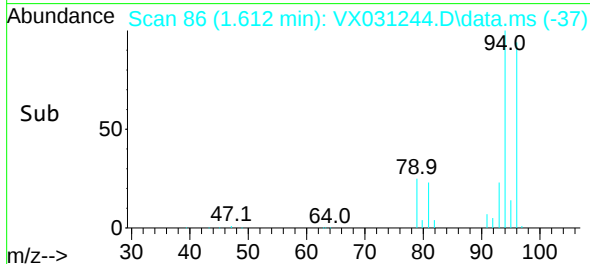
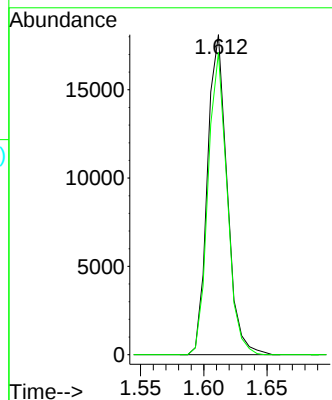
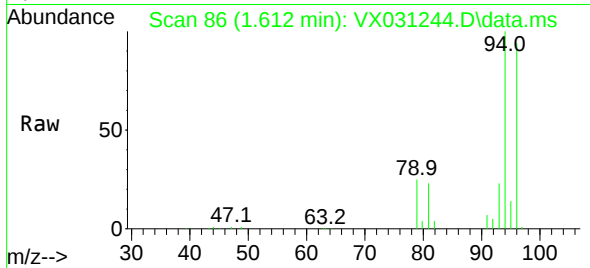




#5  
Bromomethane  
Concen: 56.373 ug/l  
RT: 1.612 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

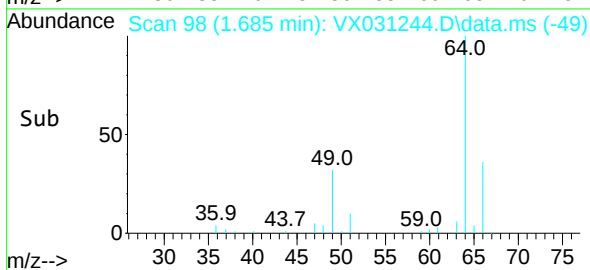
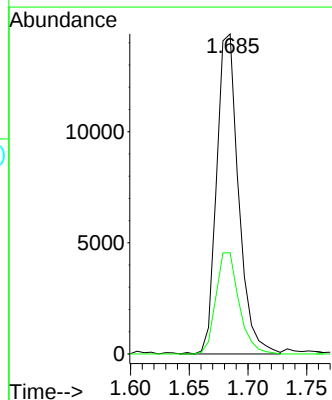
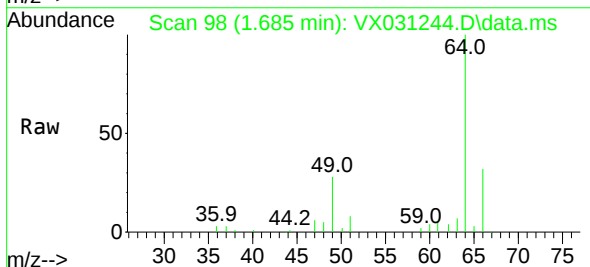
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

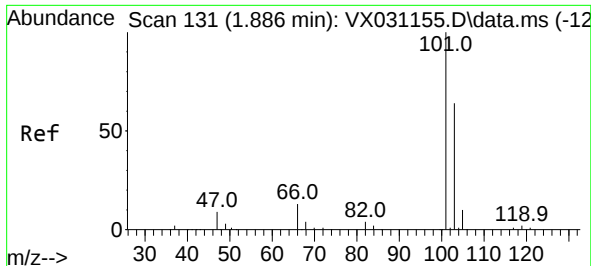
Tgt Ion: 94 Resp: 19584  
Ion Ratio Lower Upper  
94 100  
96 94.4 76.9 115.3



#6  
Chloroethane  
Concen: 61.370 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 64 Resp: 18719  
Ion Ratio Lower Upper  
64 100  
66 31.7 27.2 40.8

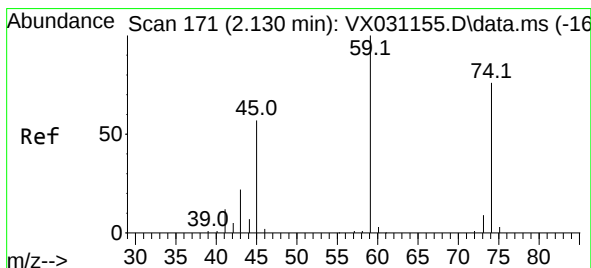
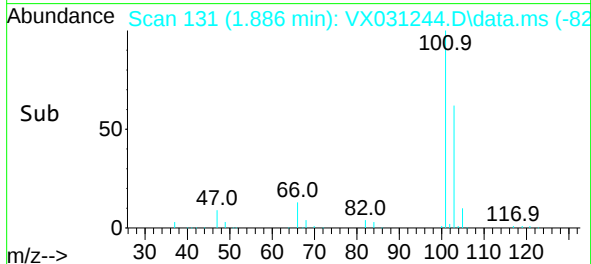
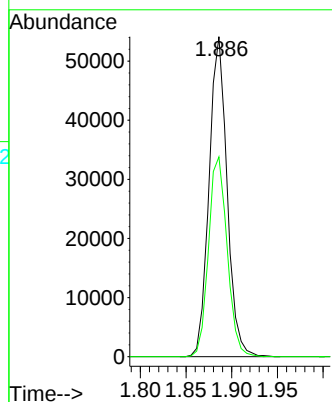
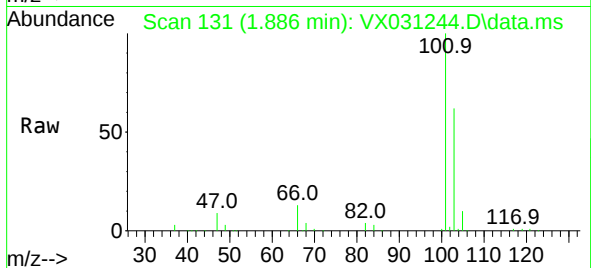




#7  
Trichlorofluoromethane  
Concen: 62.474 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

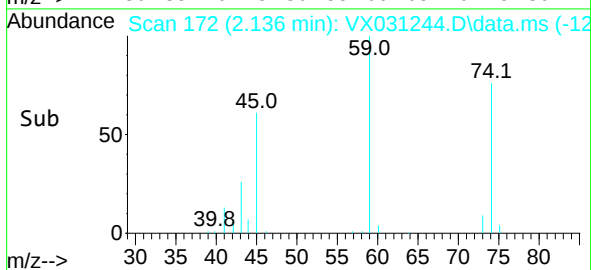
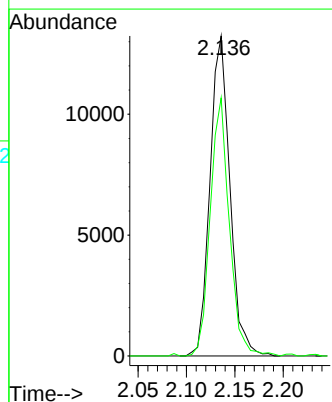
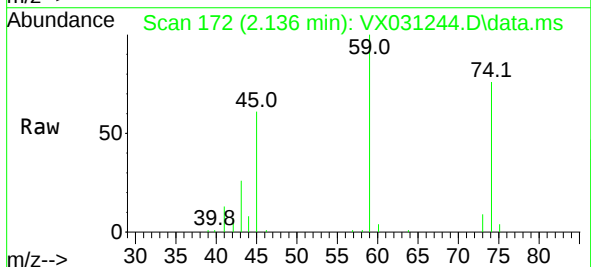
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 74020  
Ion Ratio Lower Upper  
101 100  
103 62.4 49.7 74.5



#8  
Diethyl Ether  
Concen: 56.453 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 74 Resp: 18998  
Ion Ratio Lower Upper  
74 100  
45 77.4 51.5 154.7

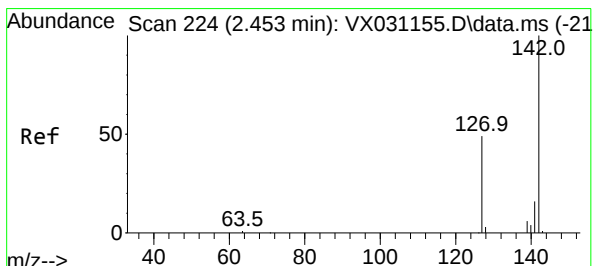
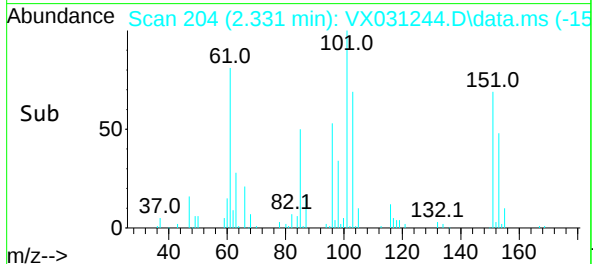
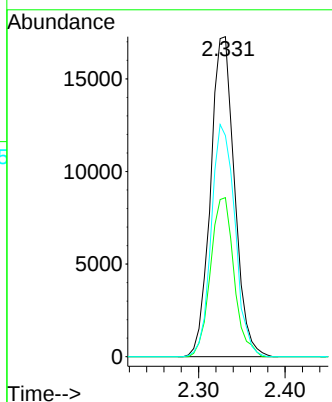
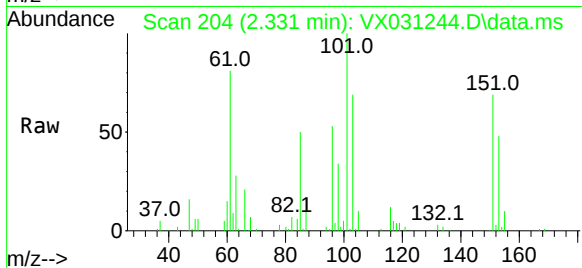




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.623 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

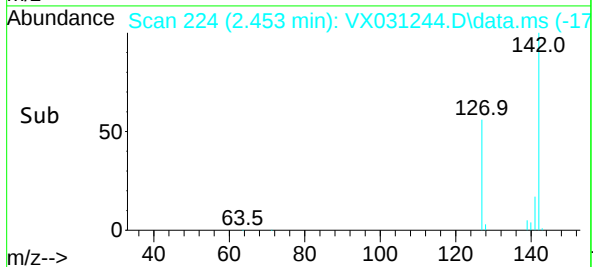
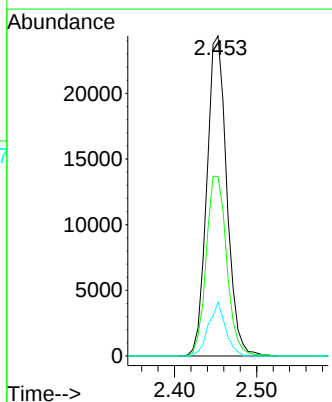
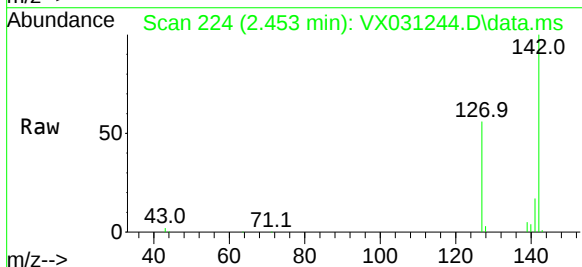
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

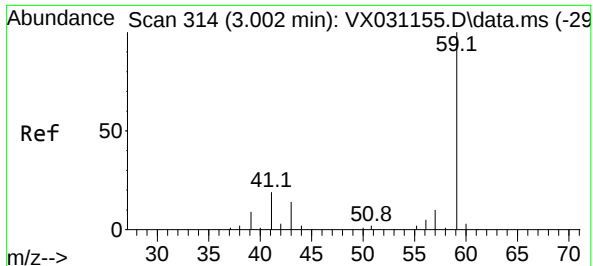
Tgt Ion:101 Resp: 33248  
Ion Ratio Lower Upper  
101 100  
85 48.8 34.0 51.0  
151 71.6 59.4 89.0



#10  
Methyl Iodide  
Concen: 49.480 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion:142 Resp: 40993  
Ion Ratio Lower Upper  
142 100  
127 58.0 30.2 45.2#  
141 14.4 11.3 16.9

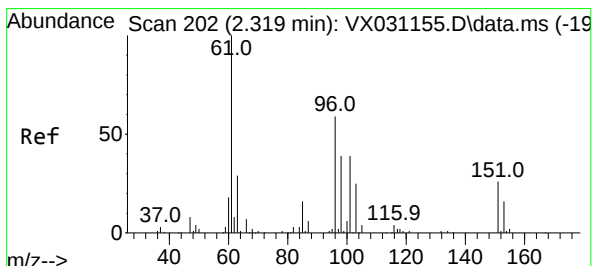
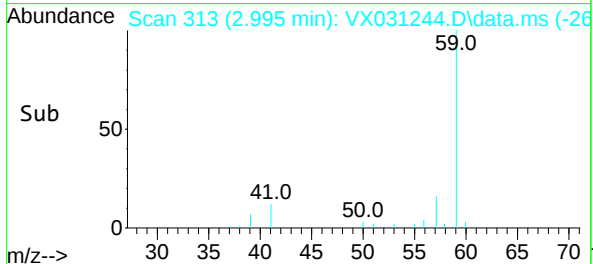
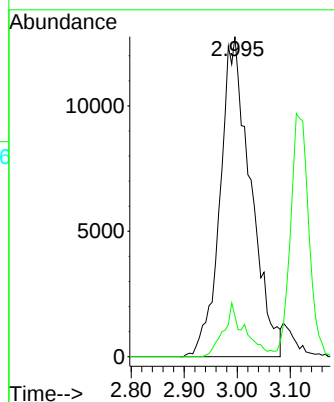
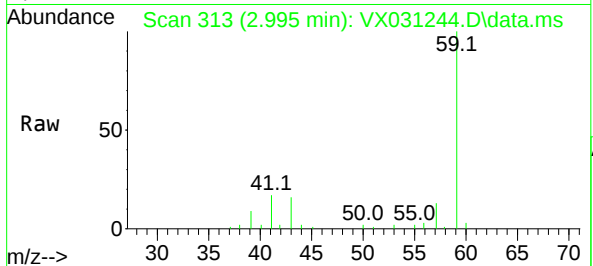




#11  
Tert butyl alcohol  
Concen: 331.115 ug/l  
RT: 2.995 min Scan# 311  
Delta R.T. -0.007 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

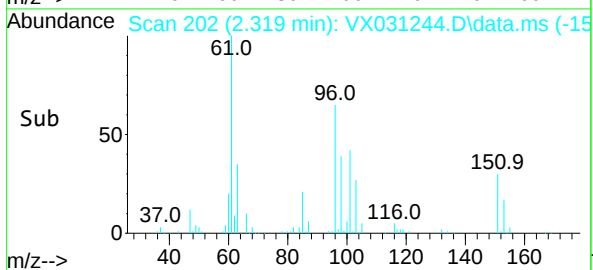
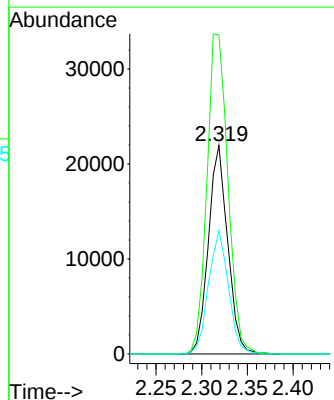
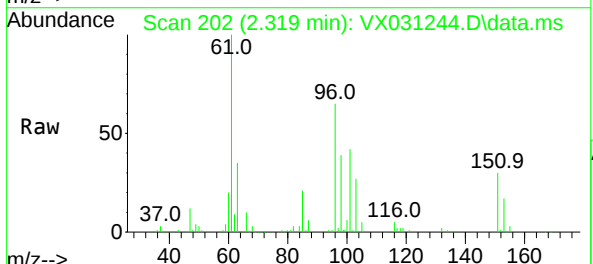
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

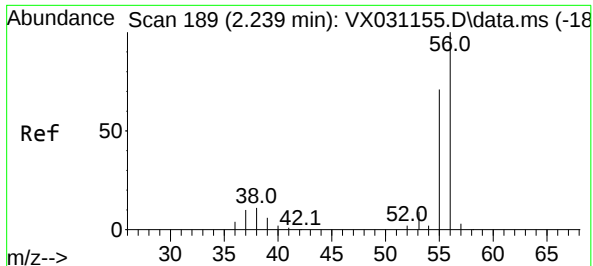
Tgt Ion: 59 Resp: 50957  
Ion Ratio Lower Upper  
59 100  
57 11.8 7.4 11.2#



#12  
1,1-Dichloroethene  
Concen: 51.116 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 96 Resp: 32190  
Ion Ratio Lower Upper  
96 100  
61 153.0 117.4 176.0  
98 59.2 52.2 78.4

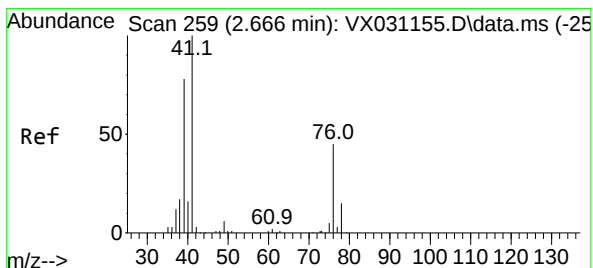
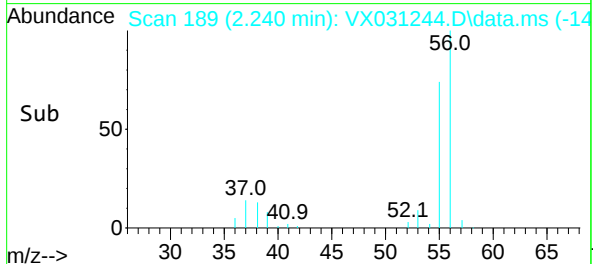
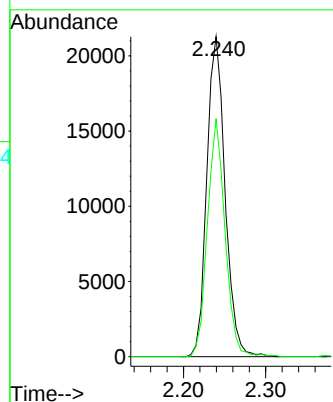
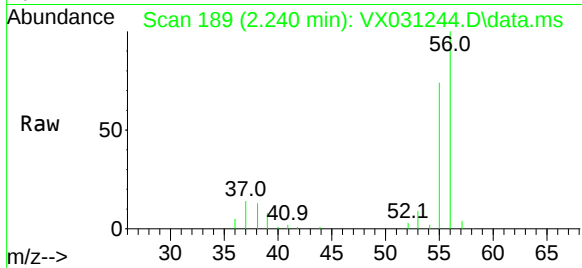




#13  
Acrolein  
Concen: 268.373 ug/l  
RT: 2.240 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

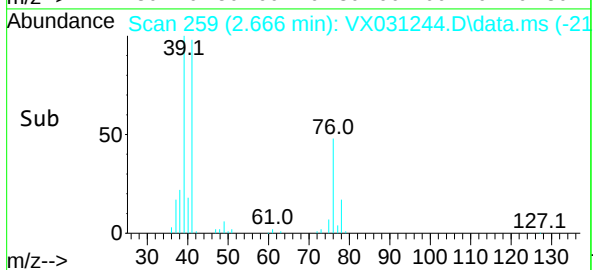
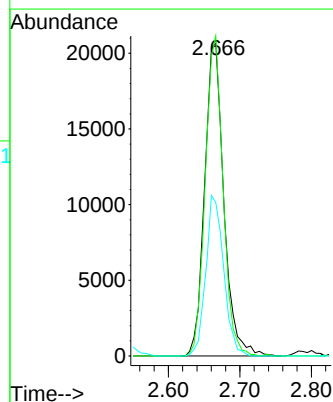
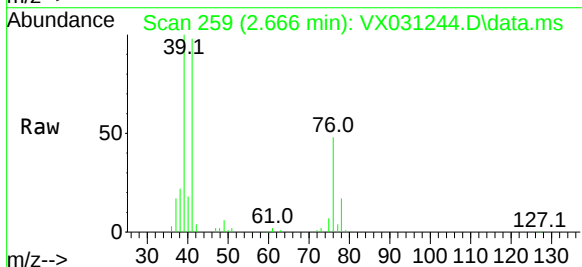
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

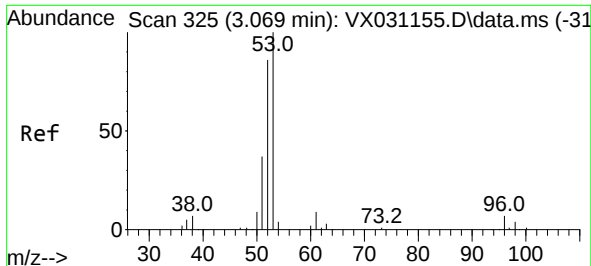
Tgt Ion: 56 Resp: 32914  
Ion Ratio Lower Upper  
56 100  
55 71.7 56.6 84.8



#14  
Allyl chloride  
Concen: 45.700 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 41 Resp: 38661  
Ion Ratio Lower Upper  
41 100  
39 94.6 48.9 73.3#  
76 47.7 26.9 40.3#





#15

Acrylonitrile

Concen: 255.436 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

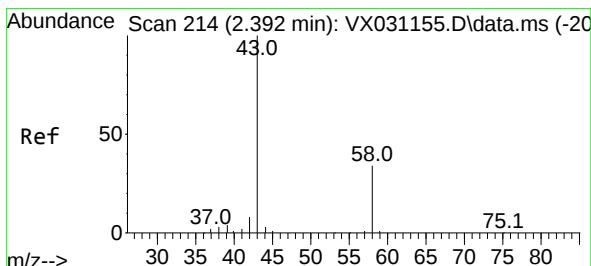
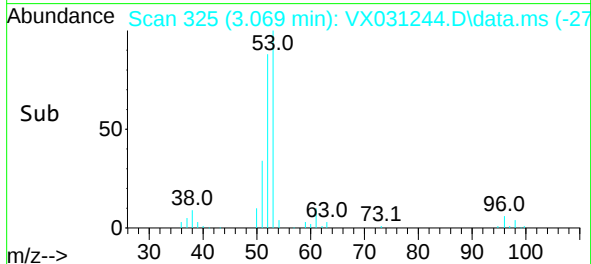
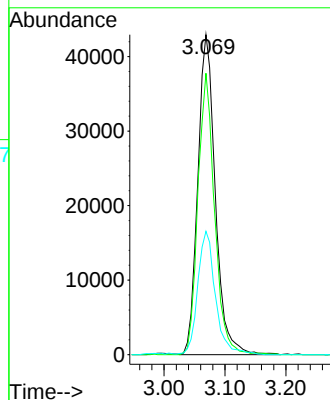
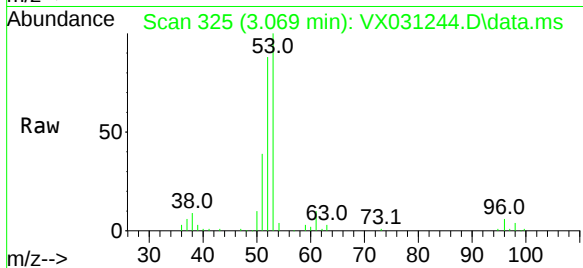
Tgt Ion: 53 Resp: 85891

Ion Ratio Lower Upper

53 100

52 83.7 65.4 98.0

51 38.9 27.7 41.5



#16

Acetone

Concen: 299.634 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX031244.D

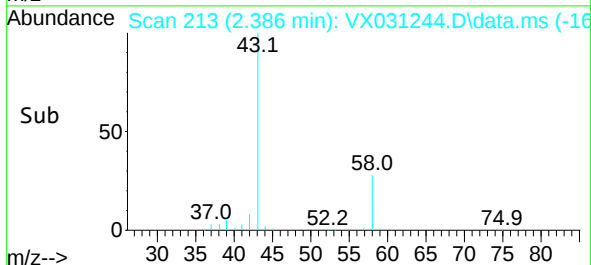
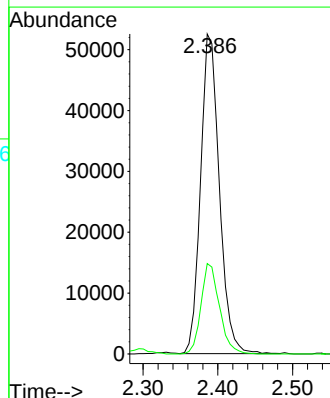
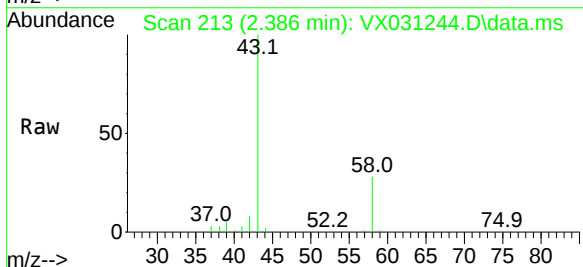
Acq: 09 Sep 2022 04:46

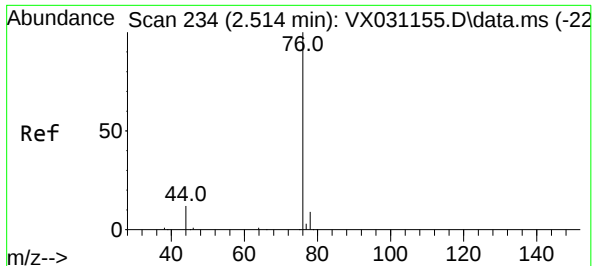
Tgt Ion: 43 Resp: 91617

Ion Ratio Lower Upper

43 100

58 28.3 27.7 41.5

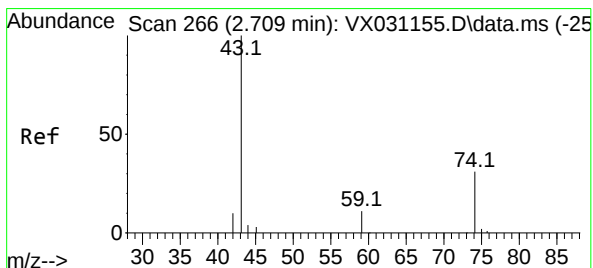
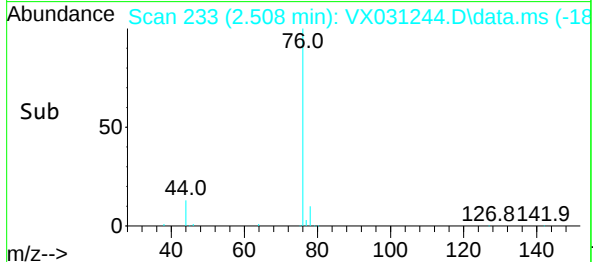
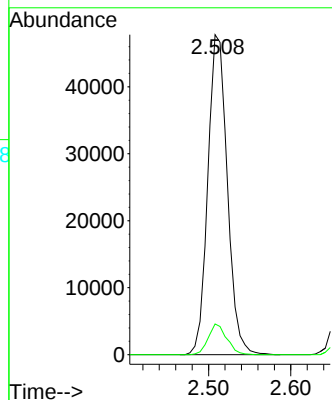
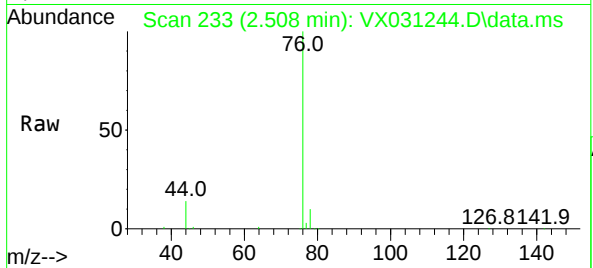




#17  
Carbon Disulfide  
Concen: 50.789 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

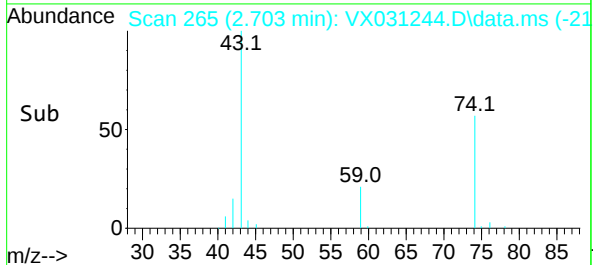
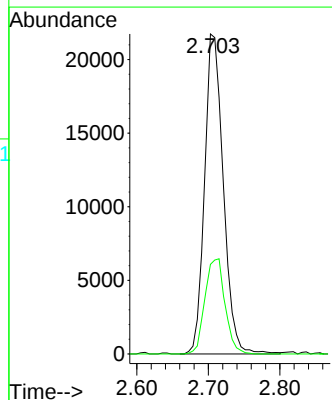
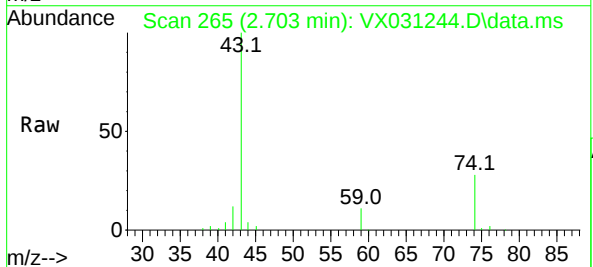
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

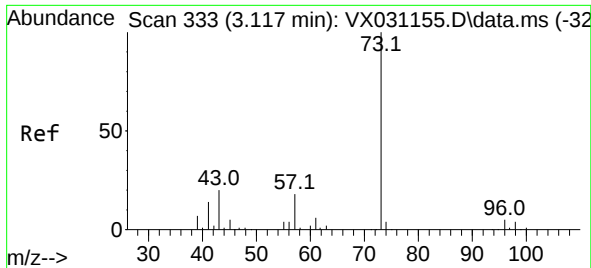
Tgt Ion: 76 Resp: 78635  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.8 11.6



#18  
Methyl Acetate  
Concen: 50.016 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 43 Resp: 39590  
Ion Ratio Lower Upper  
43 100  
74 31.8 19.4 29.2#

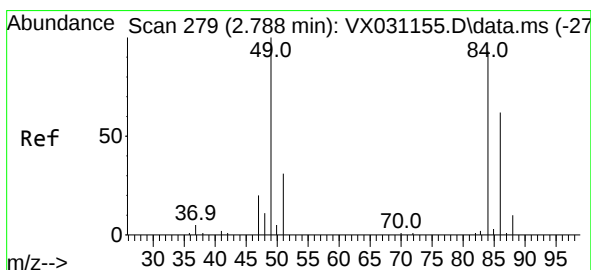
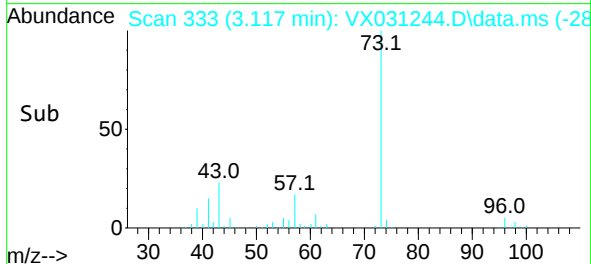
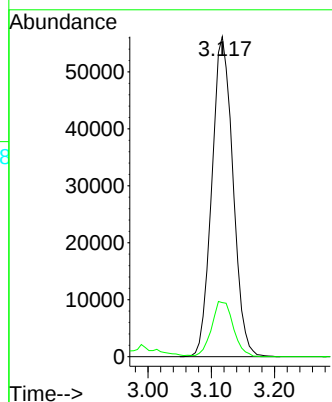
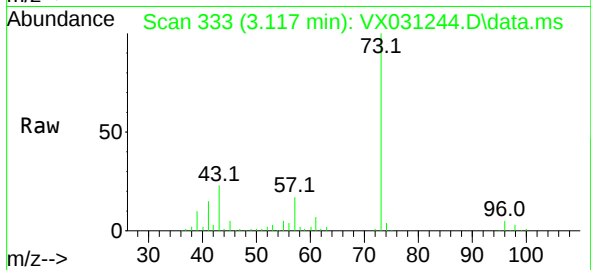




#19  
Methyl tert-butyl Ether  
Concen: 58.191 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

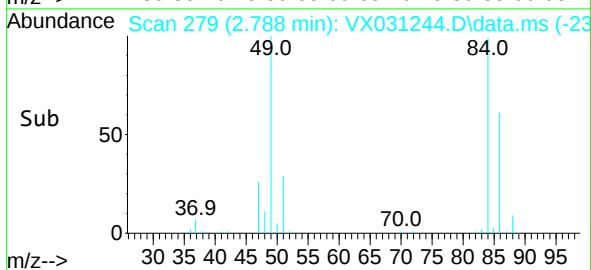
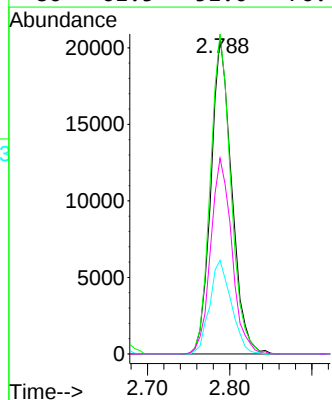
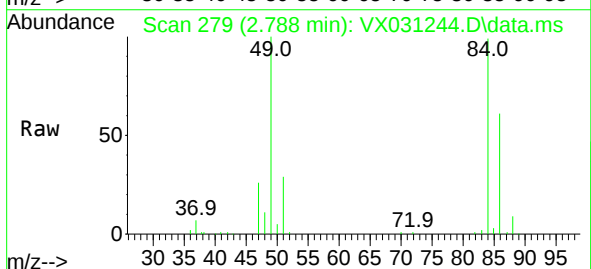
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

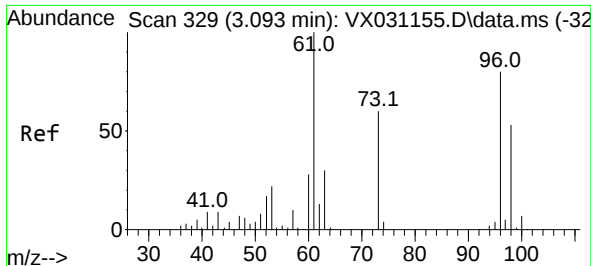
Tgt Ion: 73 Resp: 130158  
Ion Ratio Lower Upper  
73 100  
57 16.9 19.0 28.6#



#20  
Methylene Chloride  
Concen: 50.441 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 84 Resp: 36249  
Ion Ratio Lower Upper  
84 100  
49 100.7 93.8 140.6  
51 29.5 29.4 44.0  
86 61.5 51.0 76.4

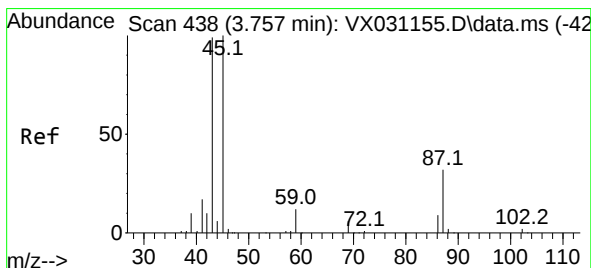
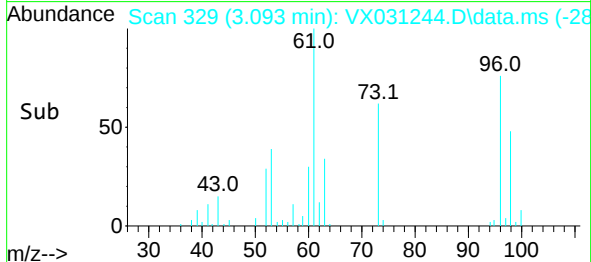
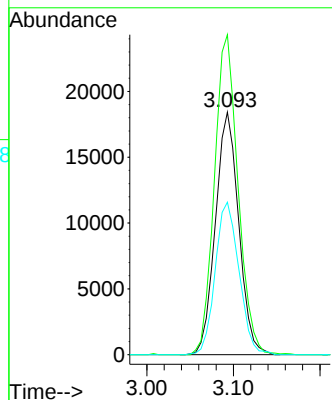
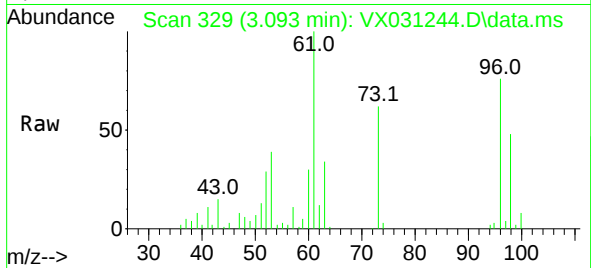




#21  
trans-1,2-Dichloroethene  
Concen: 49.332 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

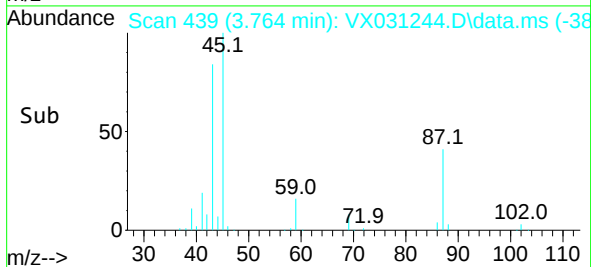
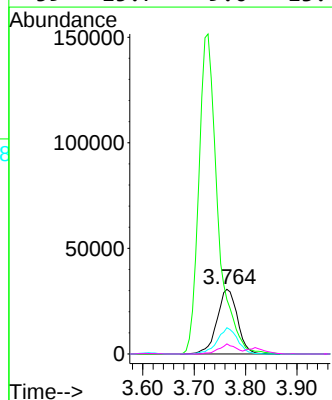
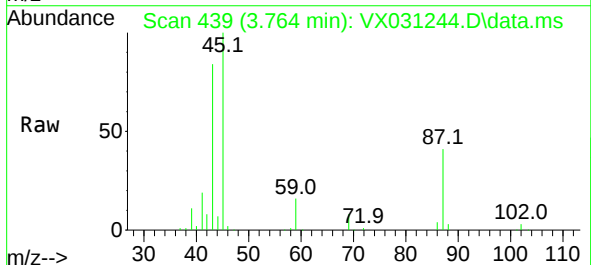
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

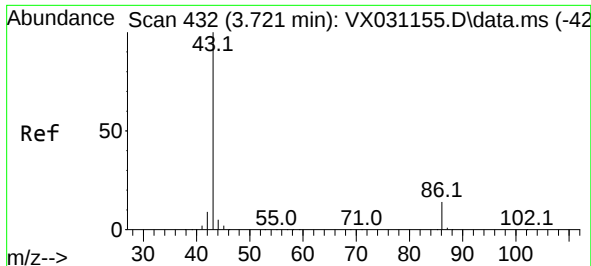
Tgt Ion: 96 Resp: 34422  
Ion Ratio Lower Upper  
96 100  
61 132.0 105.6 158.4  
98 62.9 50.1 75.1



#22  
Diisopropyl ether  
Concen: 47.411 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 45 Resp: 84223  
Ion Ratio Lower Upper  
45 100  
43 83.4 65.4 98.0  
87 40.6 22.3 33.5#  
59 15.7 9.0 13.4#

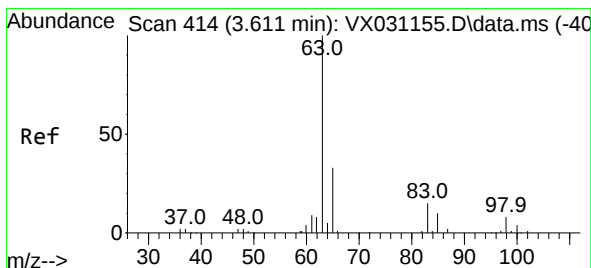
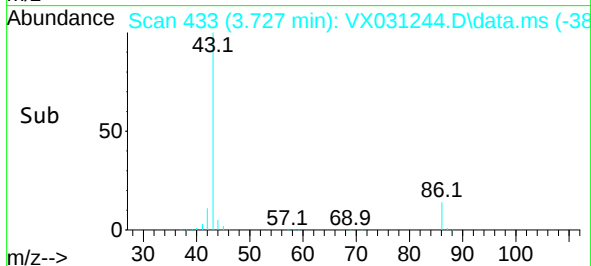
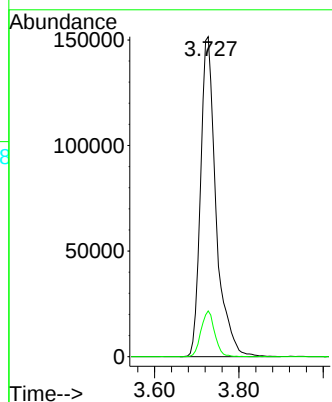
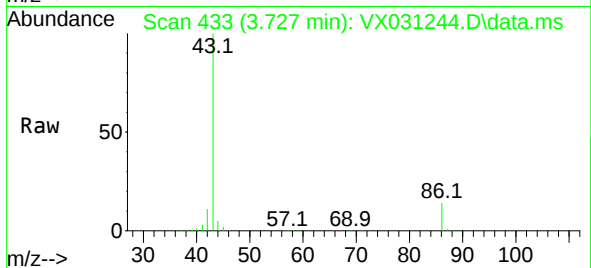




#23  
 Vinyl Acetate  
 Concen: 259.988 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX031244.D  
 Acq: 09 Sep 2022 04:46

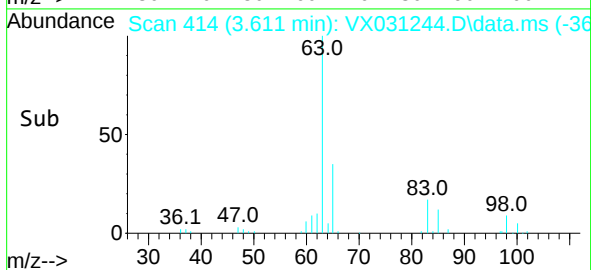
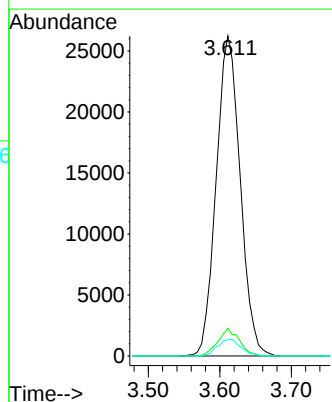
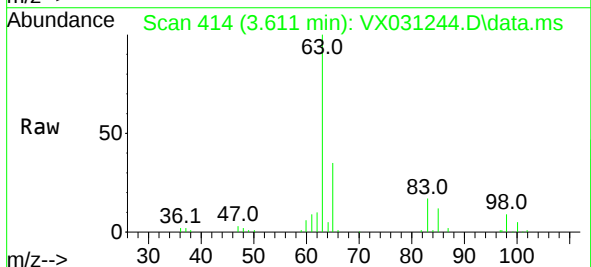
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

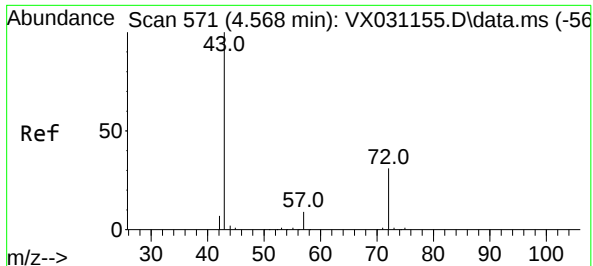
Tgt Ion: 43 Resp: 387664  
 Ion Ratio Lower Upper  
 43 100  
 86 14.3 8.5 12.7#



#24  
 1,1-Dichloroethane  
 Concen: 51.857 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX031244.D  
 Acq: 09 Sep 2022 04:46

Tgt Ion: 63 Resp: 61103  
 Ion Ratio Lower Upper  
 63 100  
 98 8.6 3.5 10.5  
 100 5.1 2.3 6.9





#25

2-Butanone

Concen: 255.133 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

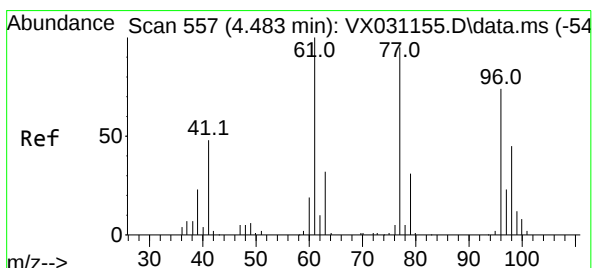
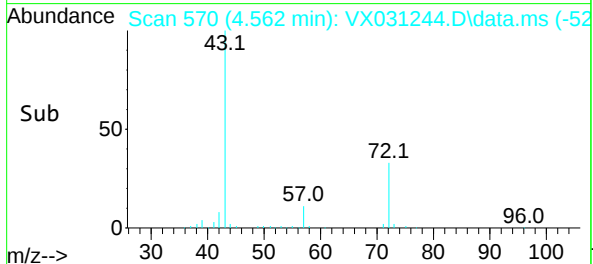
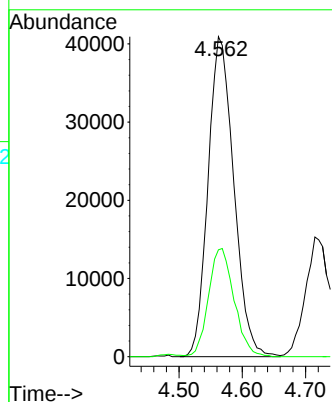
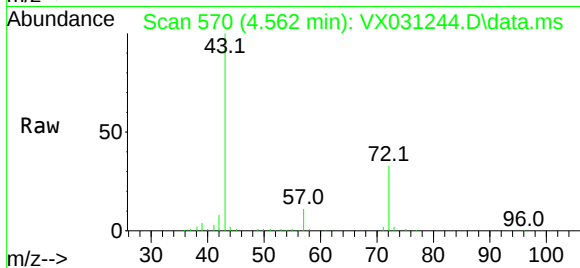
VSTDCCC050EC

Tgt Ion: 43 Resp: 115551

Ion Ratio Lower Upper

43 100

72 33.4 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 42.225 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX031244.D

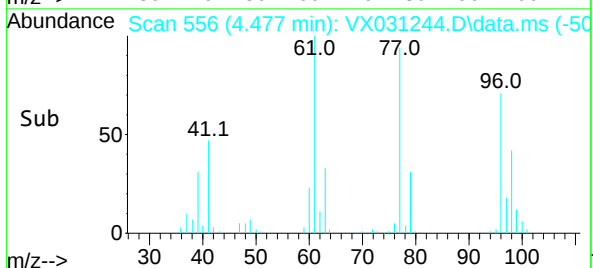
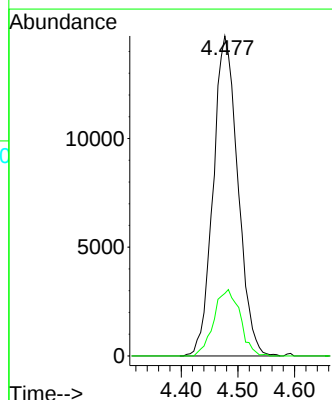
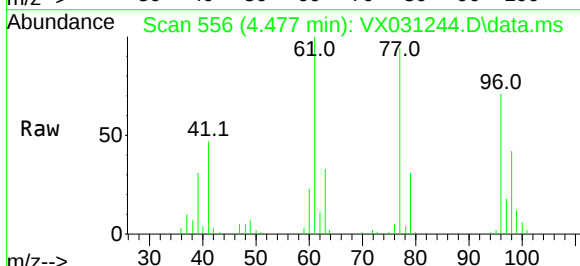
Acq: 09 Sep 2022 04:46

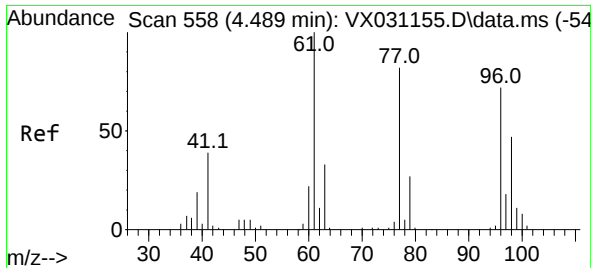
Tgt Ion: 77 Resp: 44522

Ion Ratio Lower Upper

77 100

97 22.0 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 49.969 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

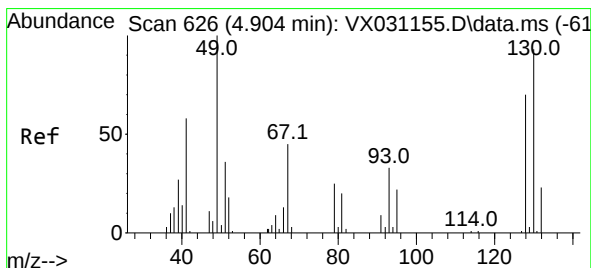
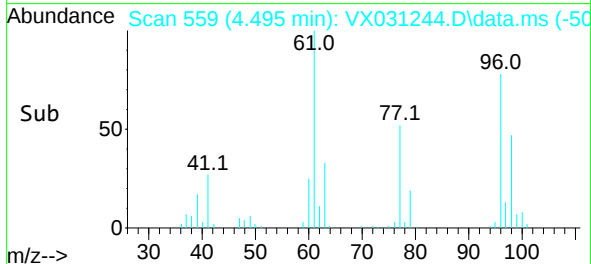
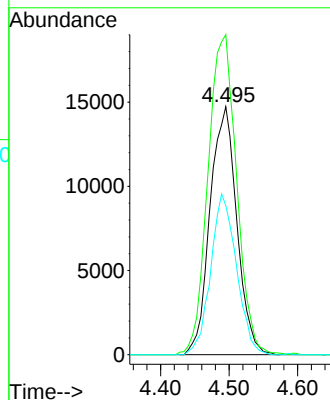
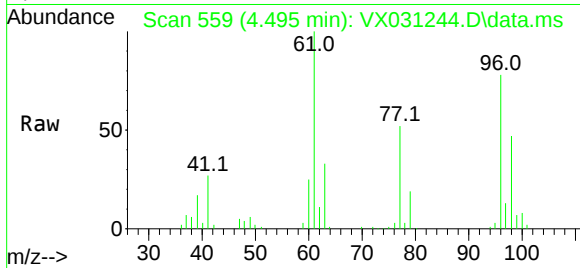
Tgt Ion: 96 Resp: 40030

Ion Ratio Lower Upper

96 100

61 137.9 0.0 270.0

98 62.3 0.0 127.8



#28

Bromochloromethane

Concen: 46.110 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

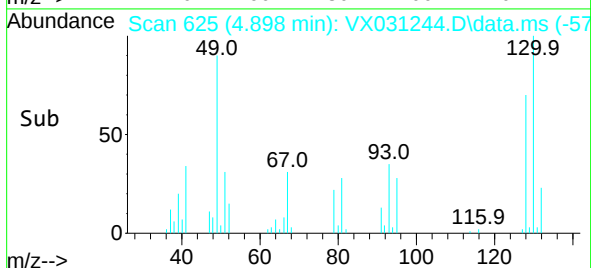
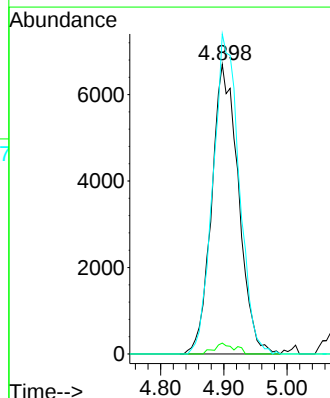
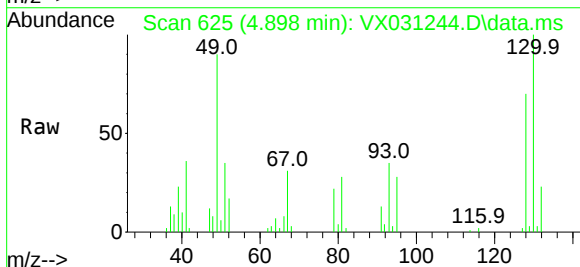
Tgt Ion: 49 Resp: 19701

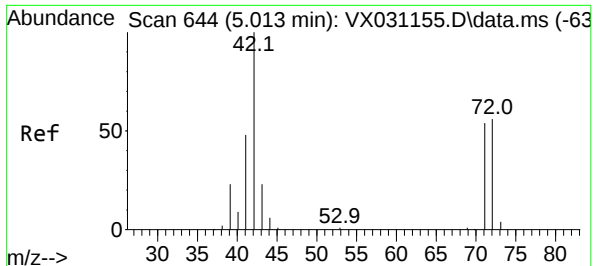
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.4

130 107.8 62.8 94.2#





#29

Tetrahydrofuran

Concen: 235.412 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

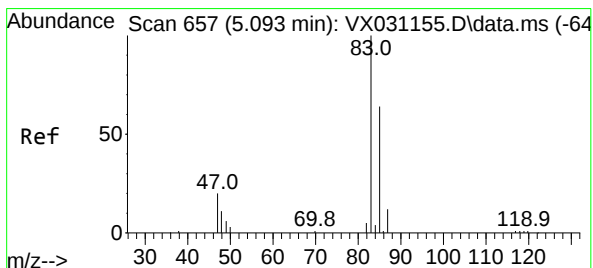
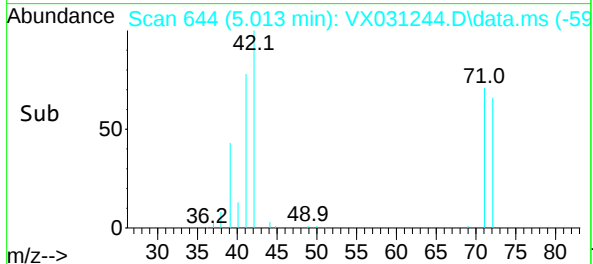
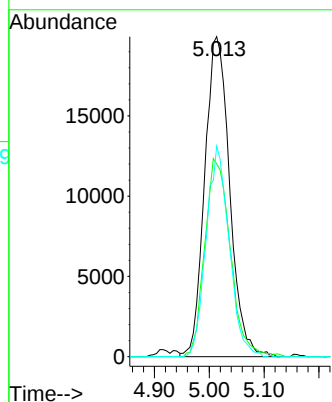
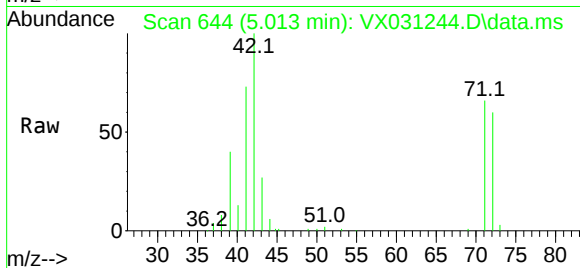
Tgt Ion: 42 Resp: 62948

Ion Ratio Lower Upper

42 100

72 63.7 36.5 54.7#

71 60.6 33.9 50.9#



#30

Chloroform

Concen: 55.744 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX031244.D

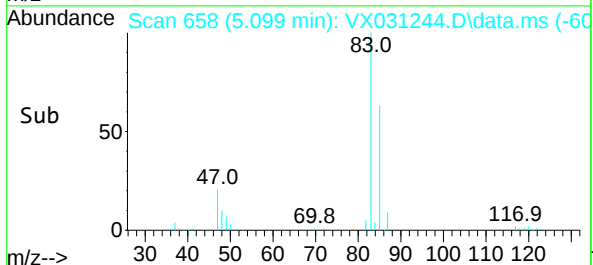
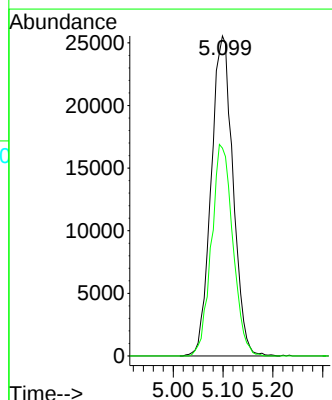
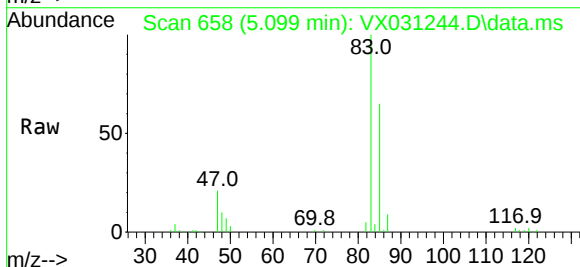
Acq: 09 Sep 2022 04:46

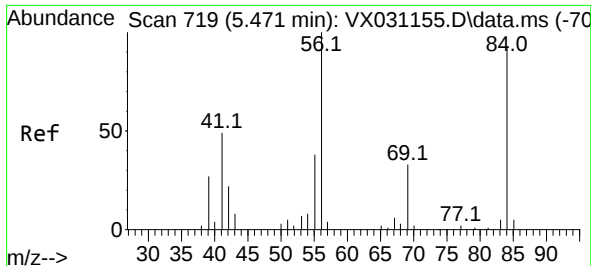
Tgt Ion: 83 Resp: 77695

Ion Ratio Lower Upper

83 100

85 65.0 51.5 77.3





#31

Cyclohexane

Concen: 43.723 ug/l

RT: 5.477 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

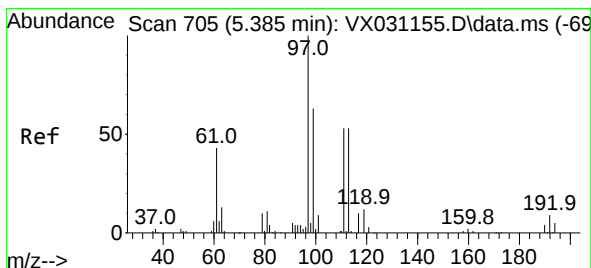
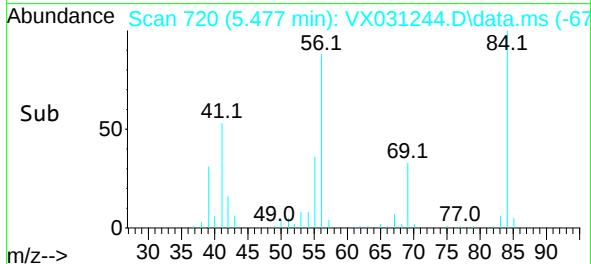
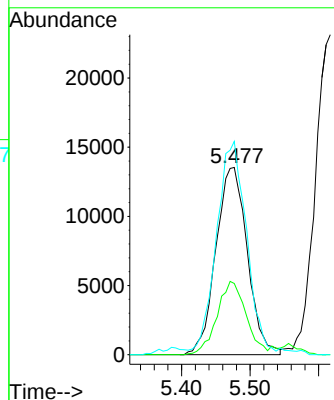
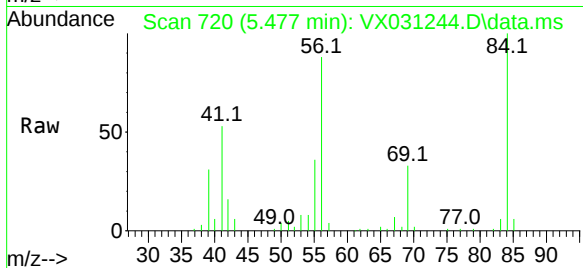
Tgt Ion: 56 Resp: 43146

Ion Ratio Lower Upper

56 100

69 38.1 25.4 38.0#

84 111.2 68.9 103.3#



#32

1,1,1-Trichloroethane

Concen: 63.199 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

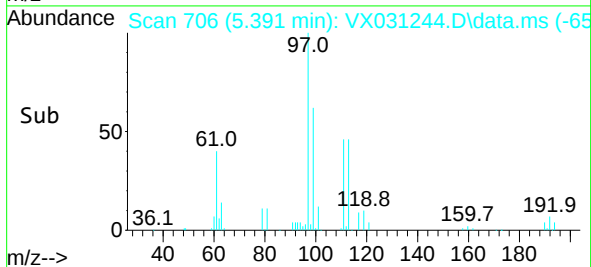
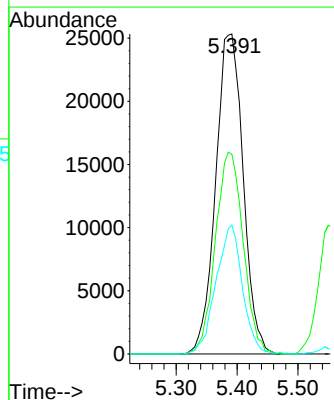
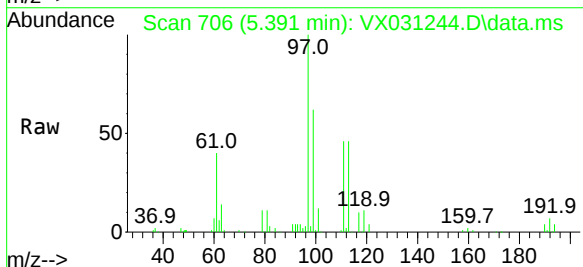
Tgt Ion: 97 Resp: 79392

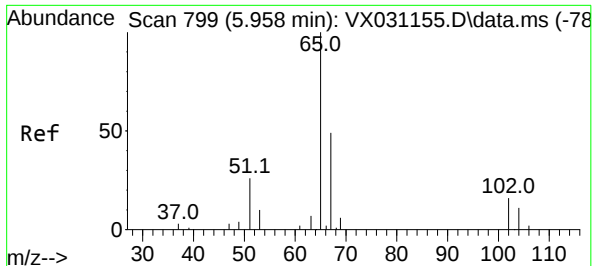
Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.0

61 38.6 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 55.838 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

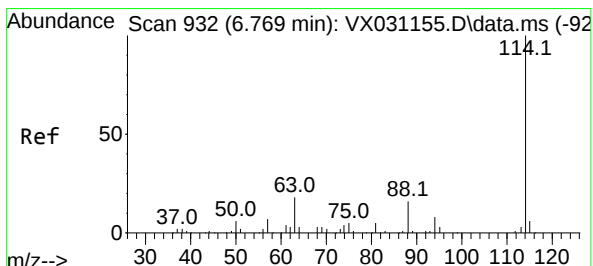
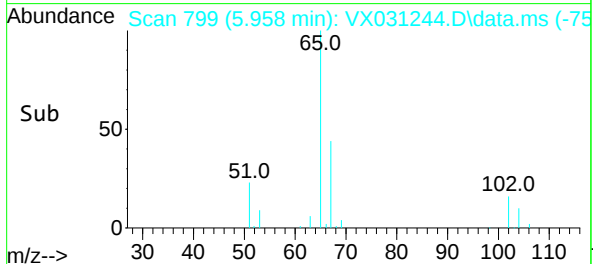
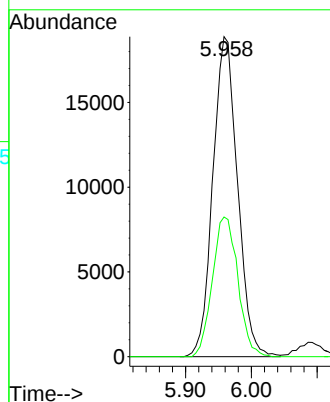
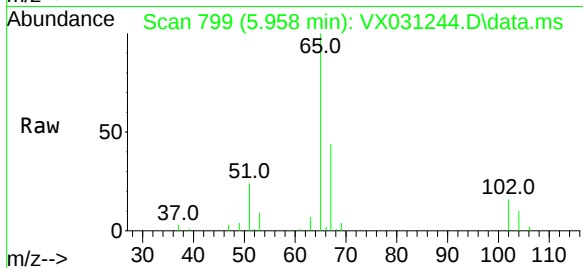
VSTDCCC050EC

Tgt Ion: 65 Resp: 49309

Ion Ratio Lower Upper

65 100

67 45.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

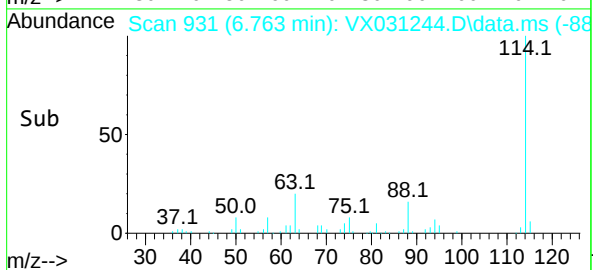
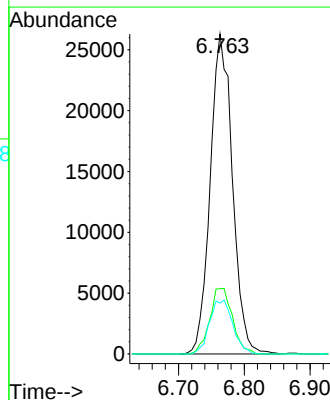
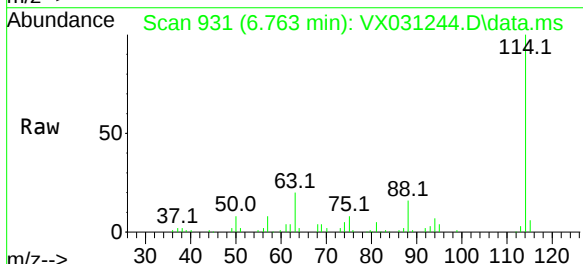
Tgt Ion: 114 Resp: 61830

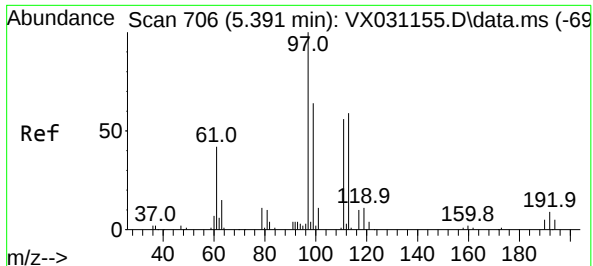
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.091 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

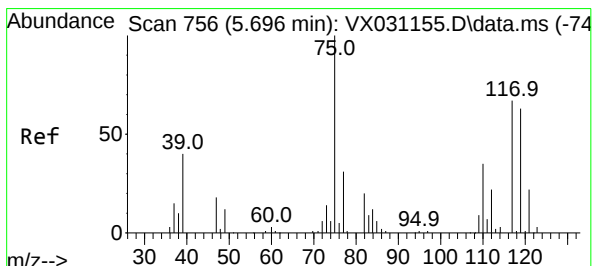
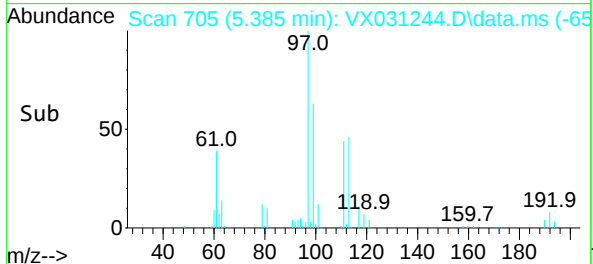
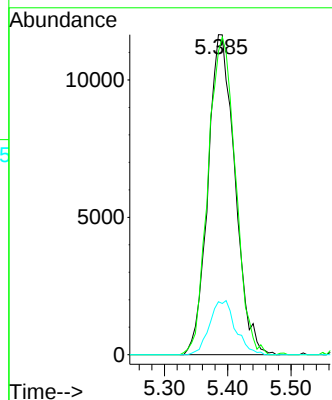
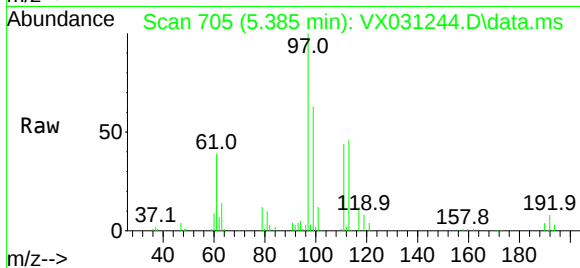
Tgt Ion:113 Resp: 34424

Ion Ratio Lower Upper

113 100

111 100.9 83.2 124.8

192 16.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 50.482 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

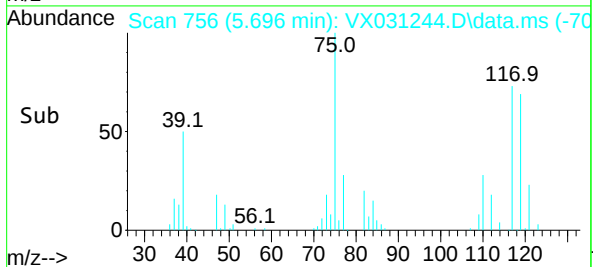
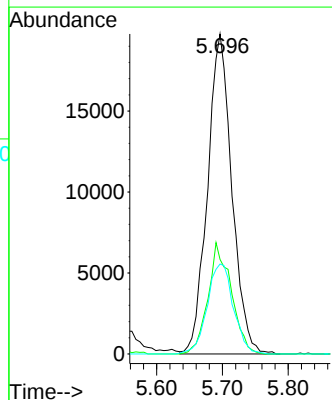
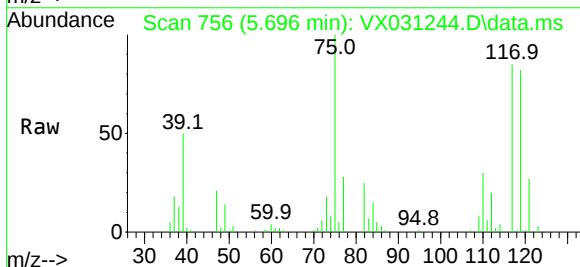
Tgt Ion: 75 Resp: 50938

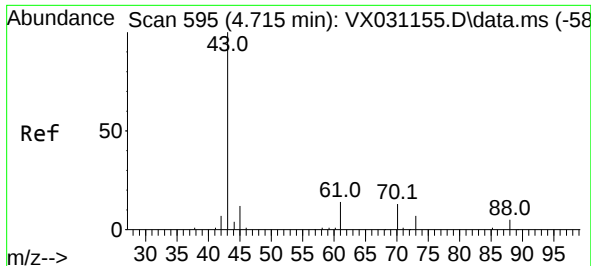
Ion Ratio Lower Upper

75 100

110 33.3 19.3 57.9

77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 48.709 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

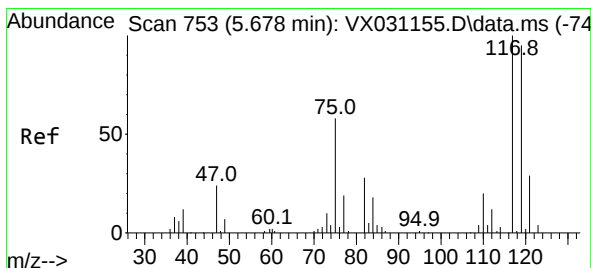
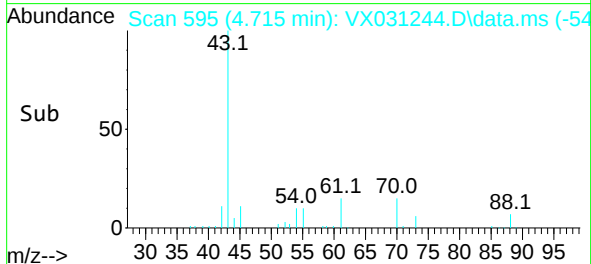
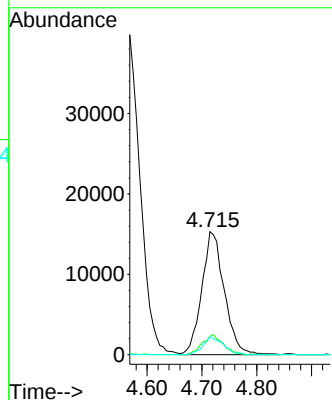
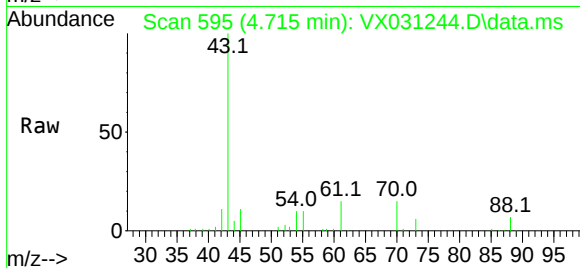
Tgt Ion: 43 Resp: 43602

Ion Ratio Lower Upper

43 100

61 14.9 11.7 17.5

70 12.9 9.3 13.9



#38

Carbon Tetrachloride

Concen: 64.234 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

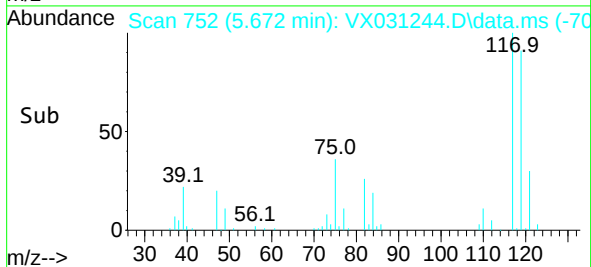
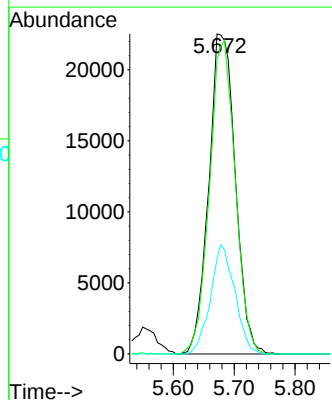
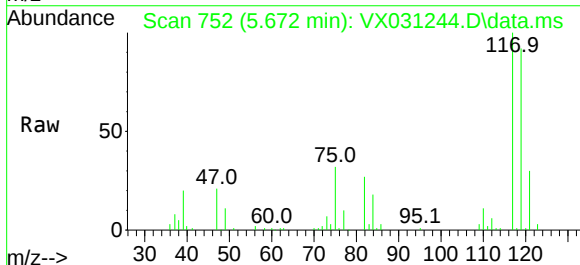
Tgt Ion: 117 Resp: 68194

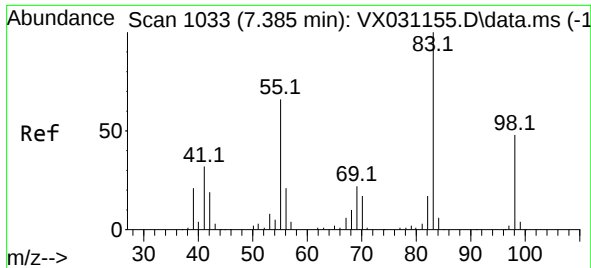
Ion Ratio Lower Upper

117 100

119 92.0 74.1 111.1

121 29.6 25.8 38.8

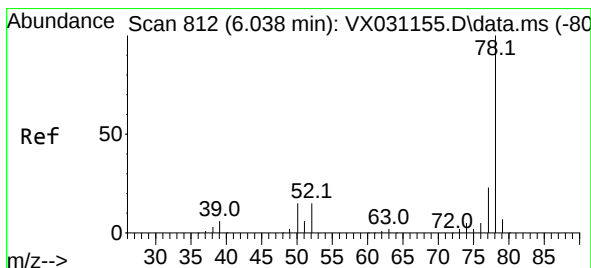
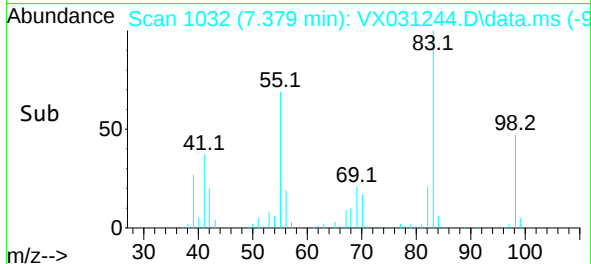
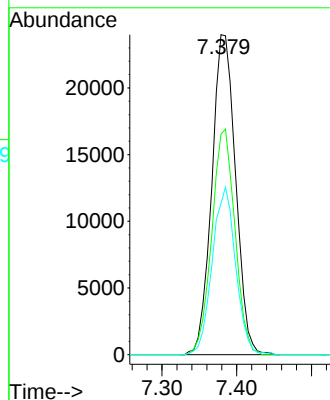
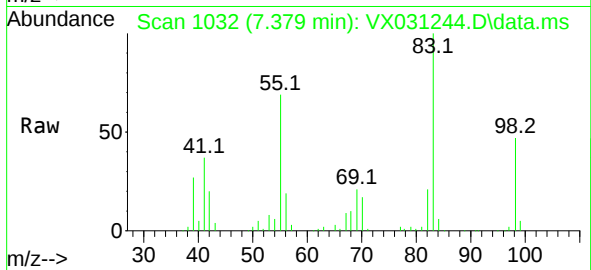




#39  
Methylcyclohexane  
Concen: 46.090 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

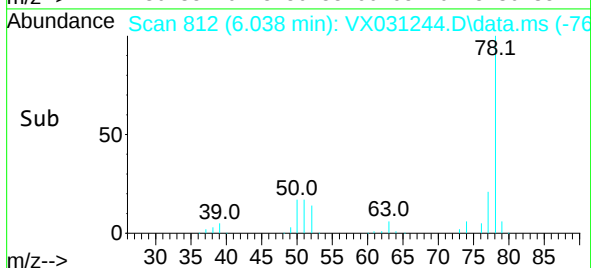
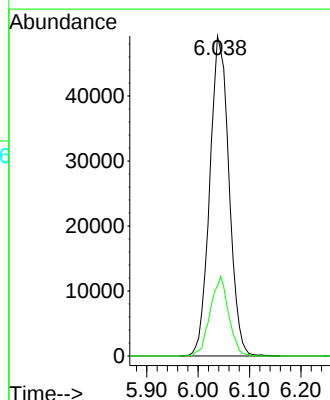
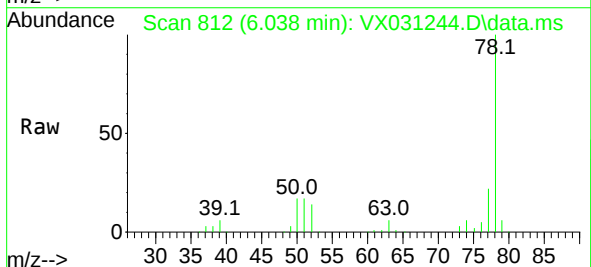
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

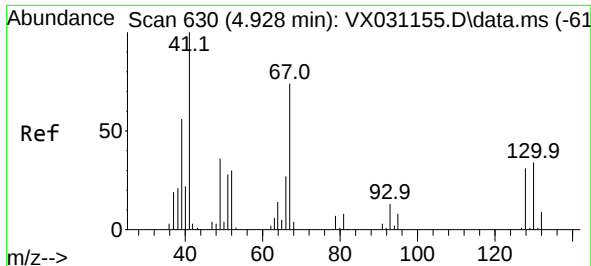
Tgt Ion: 83 Resp: 53115  
Ion Ratio Lower Upper  
83 100  
55 68.9 57.7 86.5  
98 47.3 36.5 54.7



#40  
Benzene  
Concen: 46.647 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 78 Resp: 127865  
Ion Ratio Lower Upper  
78 100  
77 22.0 18.0 27.0

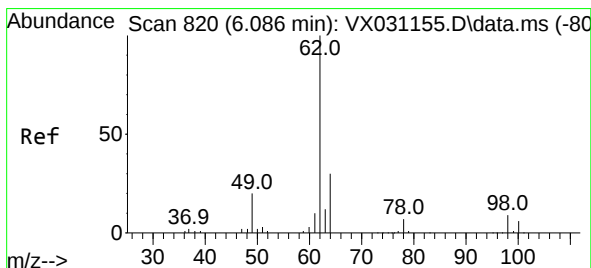
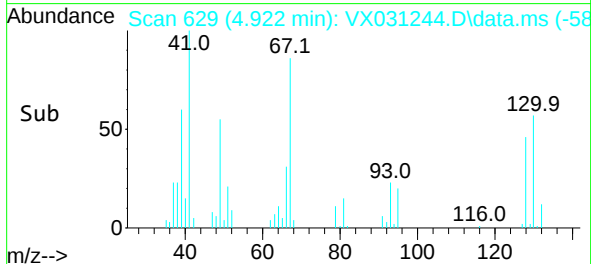
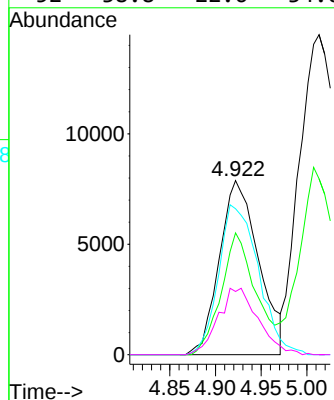
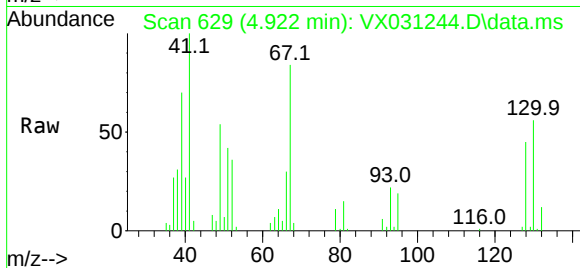




#41  
Methacrylonitrile  
Concen: 50.384 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

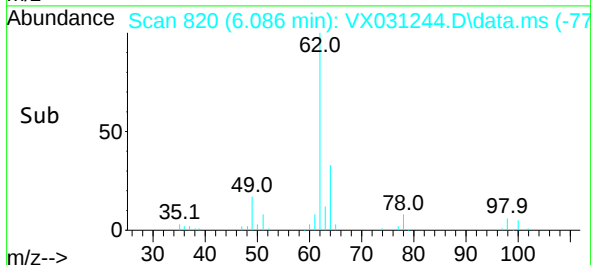
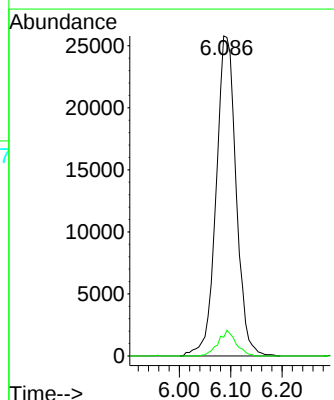
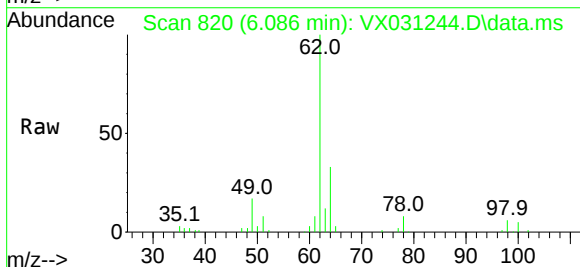
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 23583  
Ion Ratio Lower Upper  
41 100  
39 61.0 42.9 64.3  
67 87.4 60.1 90.1  
52 38.8 22.6 34.0#



#42  
1,2-Dichloroethane  
Concen: 62.026 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 62 Resp: 69610  
Ion Ratio Lower Upper  
62 100  
98 7.2 0.0 20.2

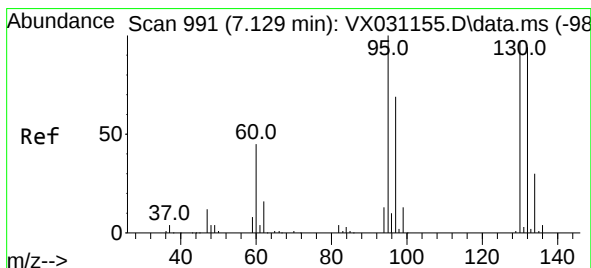
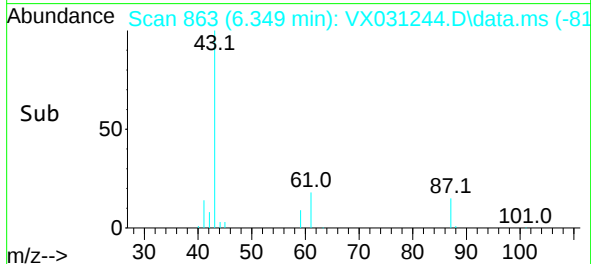
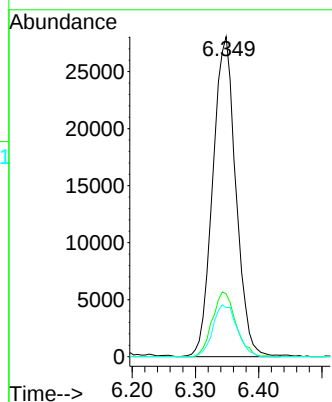
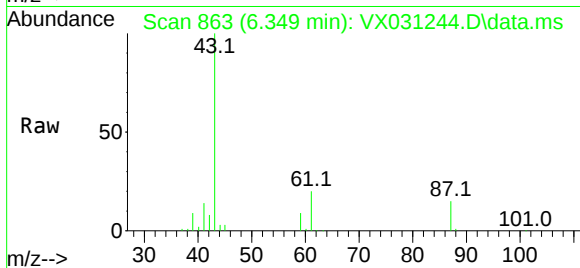




#43  
Isopropyl Acetate  
Concen: 50.282 ug/l  
RT: 6.349 min Scan# 863  
Delta R.T. 0.006 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

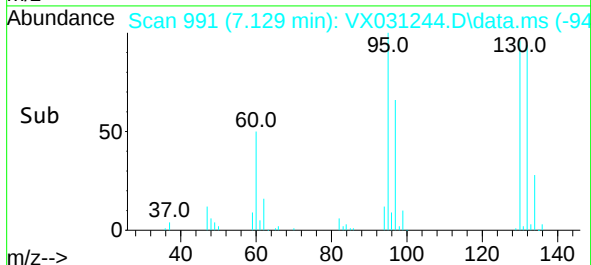
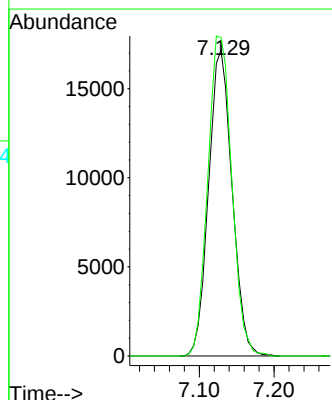
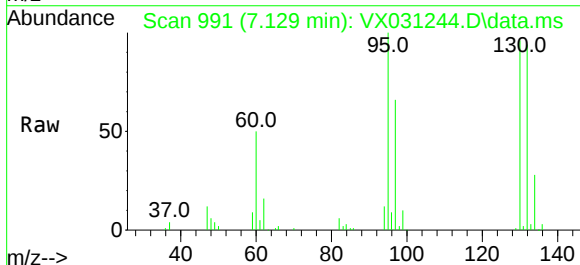
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

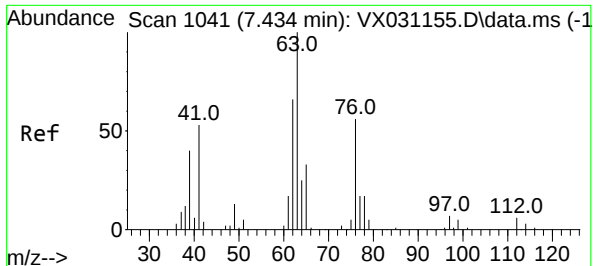
Tgt Ion: 43 Resp: 70965  
Ion Ratio Lower Upper  
43 100  
61 20.6 16.5 24.7  
87 16.9 11.1 16.7#



#44  
Trichloroethene  
Concen: 48.733 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion:130 Resp: 37549  
Ion Ratio Lower Upper  
130 100  
95 104.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 43.394 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

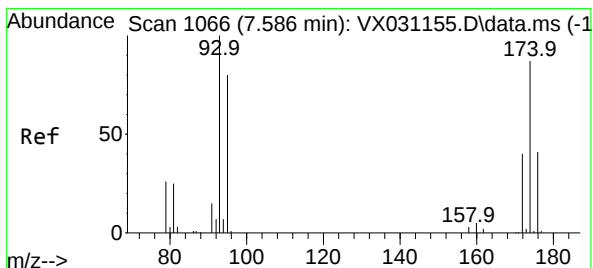
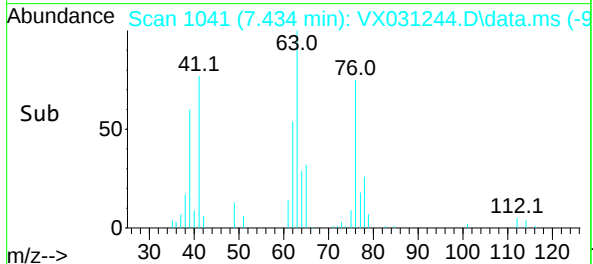
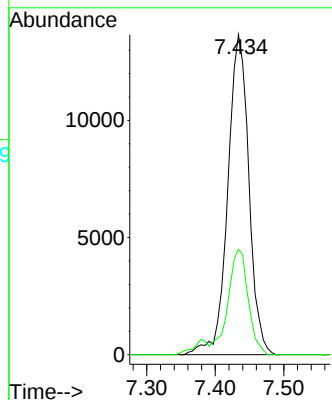
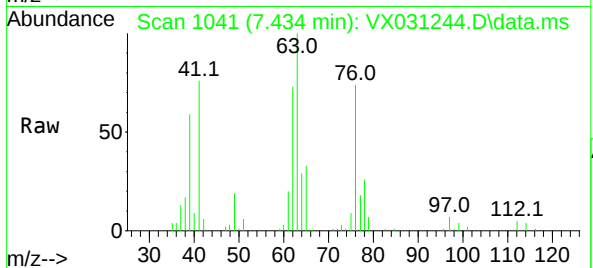
VSTDCCC050EC

Tgt Ion: 63 Resp: 29232

Ion Ratio Lower Upper

63 100

65 32.9 25.2 37.8



#46

Dibromomethane

Concen: 52.131 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

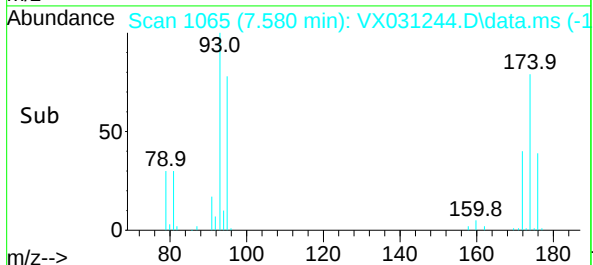
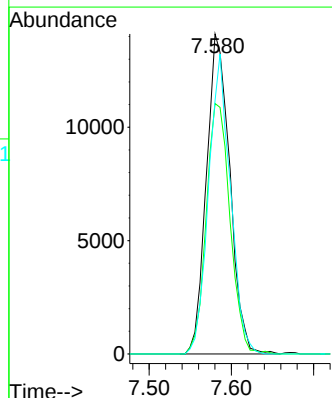
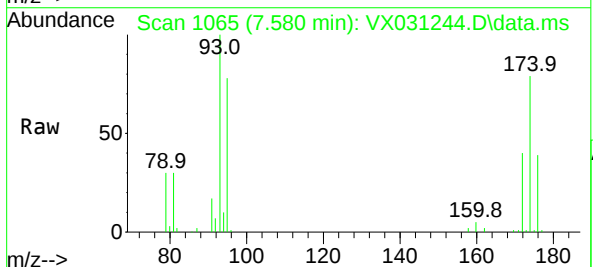
Tgt Ion: 93 Resp: 27847

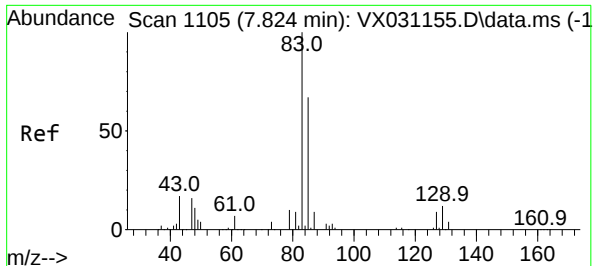
Ion Ratio Lower Upper

93 100

95 79.8 67.4 101.0

174 87.4 75.6 113.4

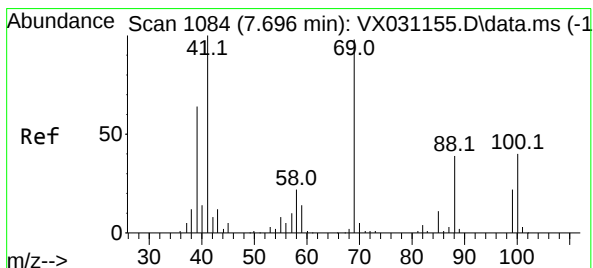
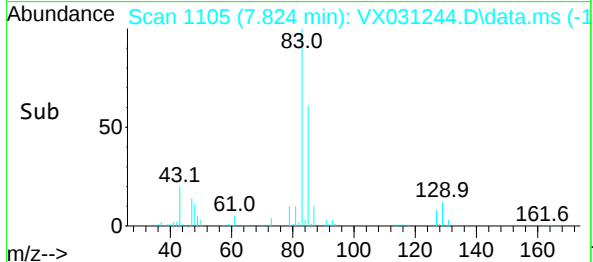
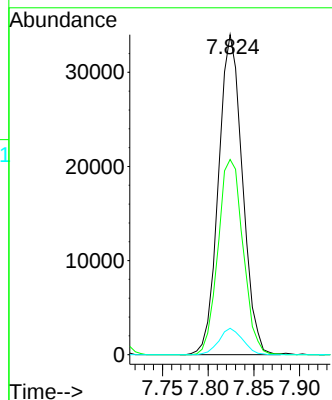
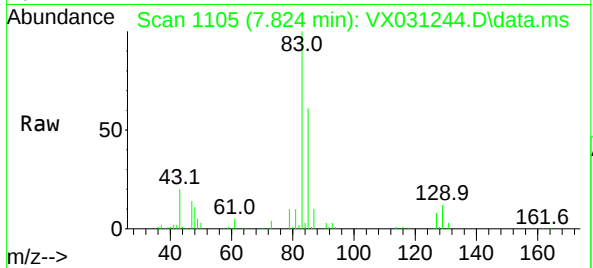




#47  
Bromodichloromethane  
Concen: 59.797 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

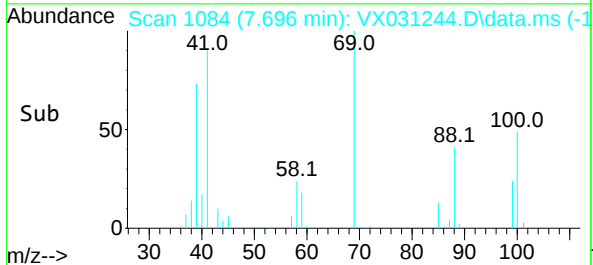
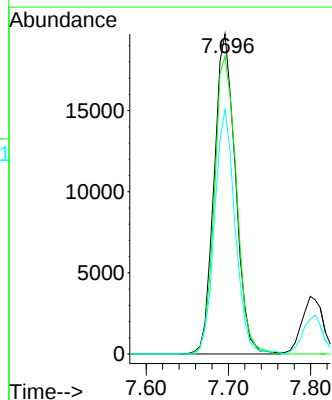
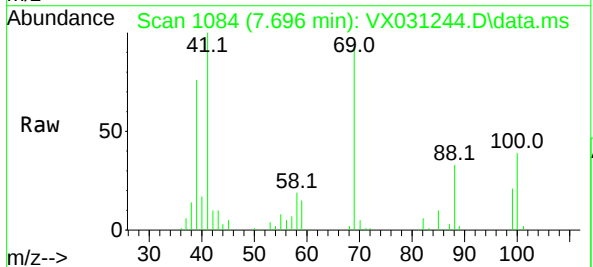
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

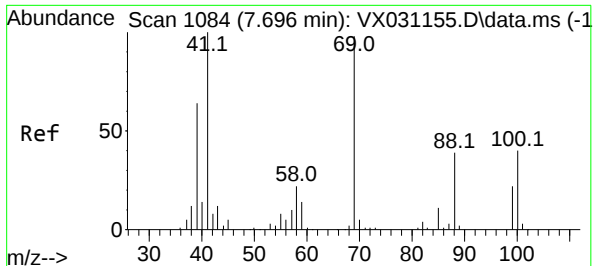
Tgt Ion: 83 Resp: 62134  
Ion Ratio Lower Upper  
83 100  
85 61.0 53.5 80.3  
127 8.3 6.6 10.0



#48  
Methyl methacrylate  
Concen: 51.702 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 41 Resp: 35533  
Ion Ratio Lower Upper  
41 100  
69 95.5 68.8 103.2  
39 73.8 44.6 66.8





#49

1,4-Dioxane

Concen: 1035.136 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. -0.012 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

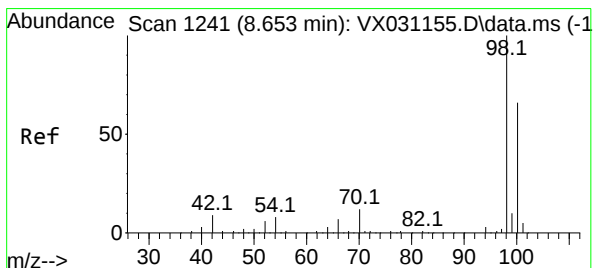
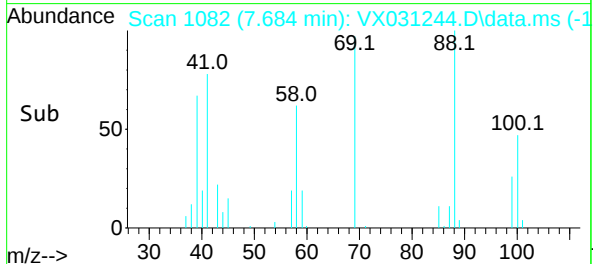
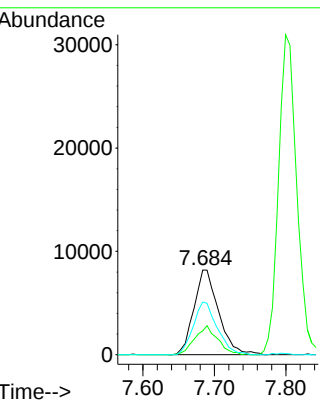
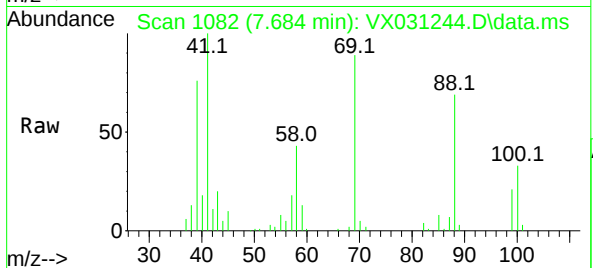
Tgt Ion: 88 Resp: 19639

Ion Ratio Lower Upper

88 100

43 31.5 23.8 35.8

58 60.1 53.8 80.6



#50

Toluene-d8

Concen: 45.872 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031244.D

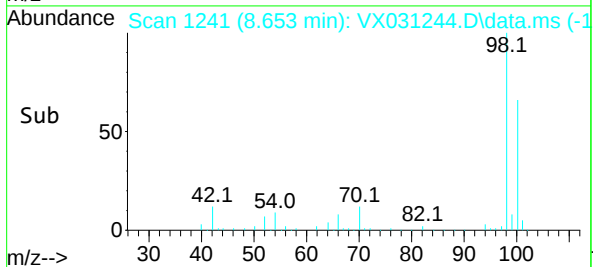
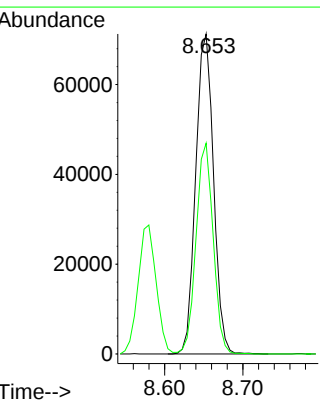
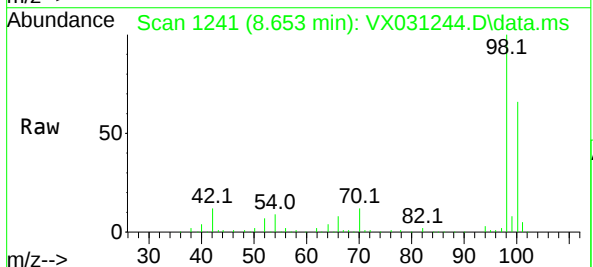
Acq: 09 Sep 2022 04:46

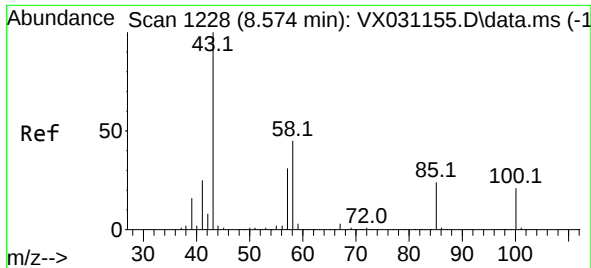
Tgt Ion: 98 Resp: 112295

Ion Ratio Lower Upper

98 100

100 63.4 52.3 78.5

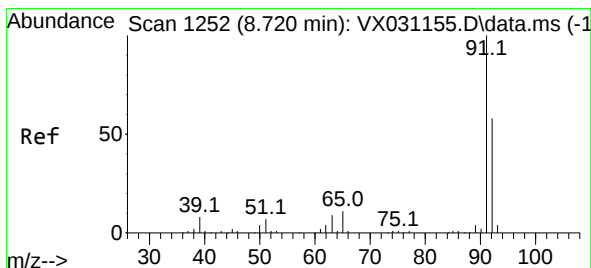
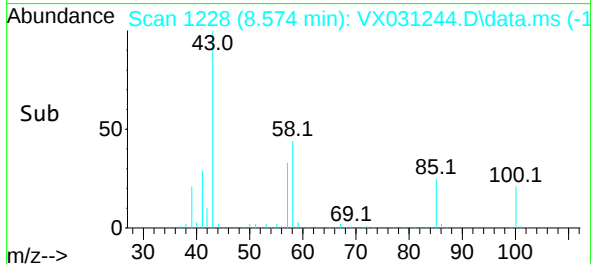
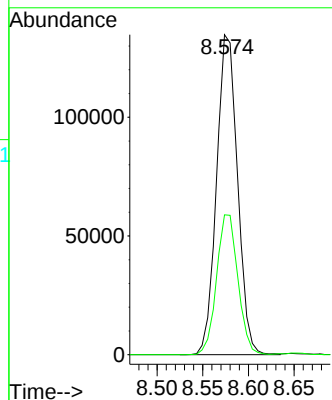
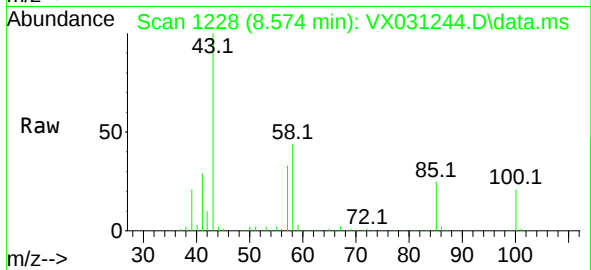




#51  
4-Methyl-2-Pentanone  
Concen: 249.236 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

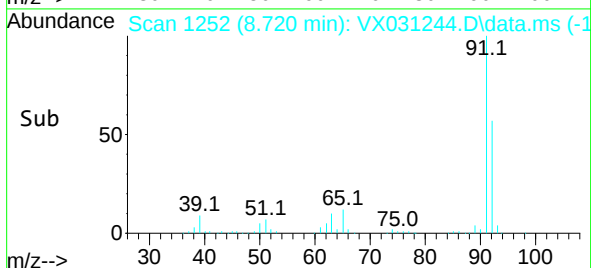
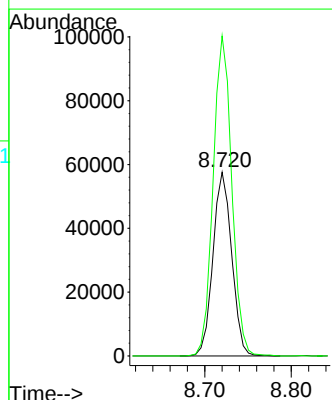
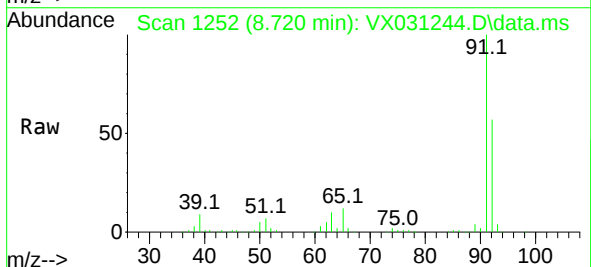
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

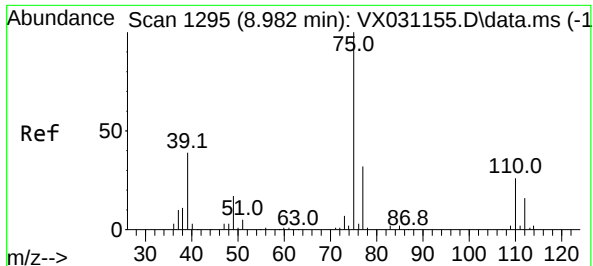
Tgt Ion: 43 Resp: 215396  
Ion Ratio Lower Upper  
43 100  
58 44.5 31.4 47.2



#52  
Toluene  
Concen: 47.922 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 92 Resp: 86640  
Ion Ratio Lower Upper  
92 100  
91 173.0 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 54.968 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

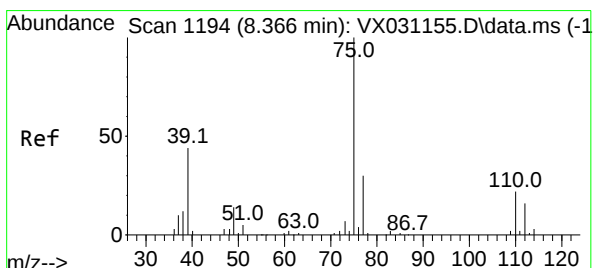
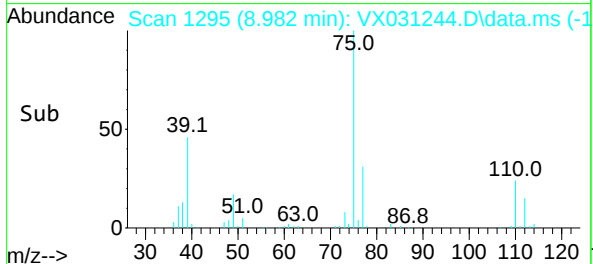
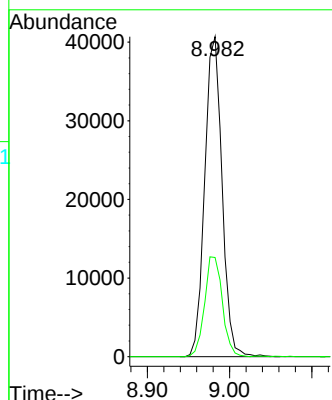
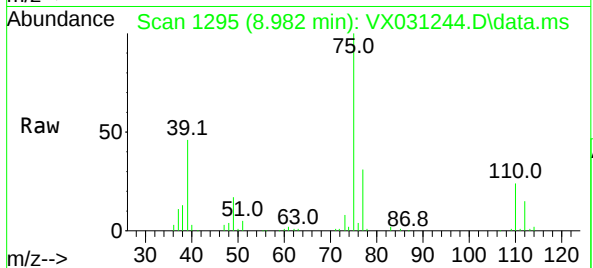
VSTDCCC050EC

Tgt Ion: 75 Resp: 59501

Ion Ratio Lower Upper

75 100

77 31.0 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 51.340 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

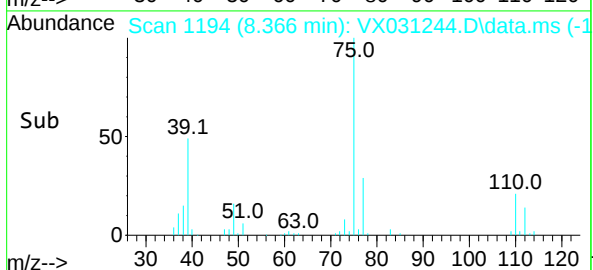
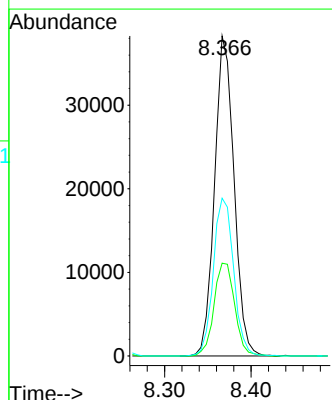
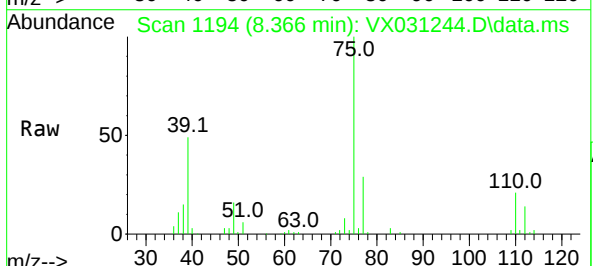
Tgt Ion: 75 Resp: 59664

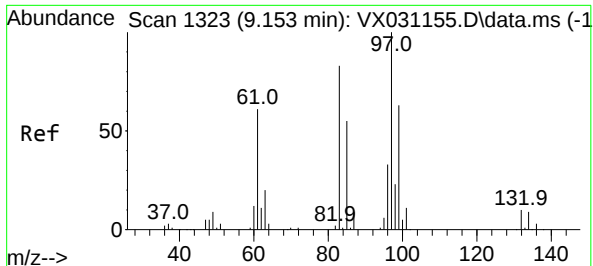
Ion Ratio Lower Upper

75 100

77 29.0 25.0 37.4

39 49.3 37.5 56.3

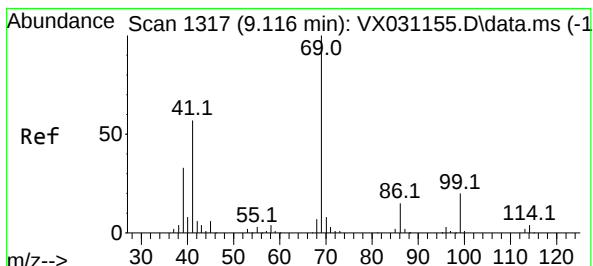
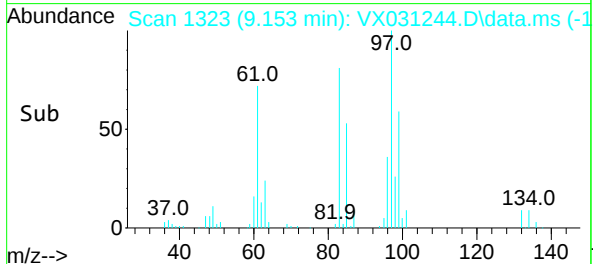
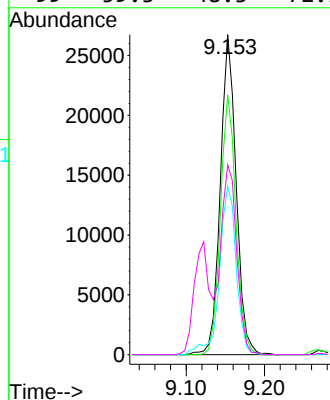
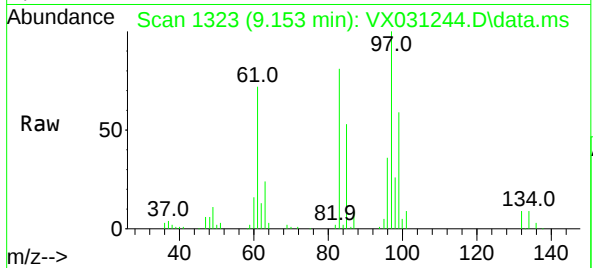




#55  
1,1,2-Trichloroethane  
Concen: 50.762 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

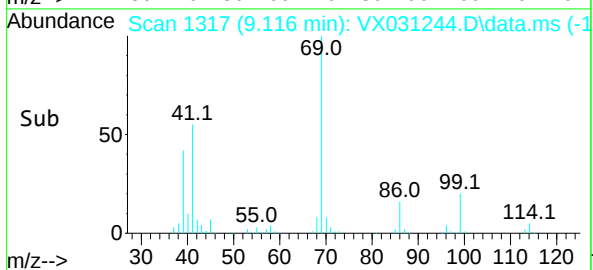
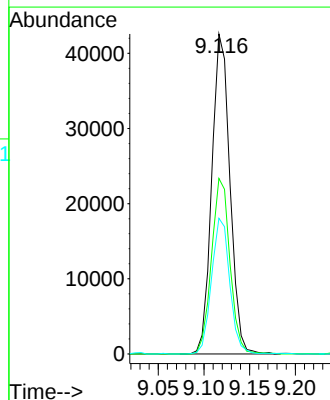
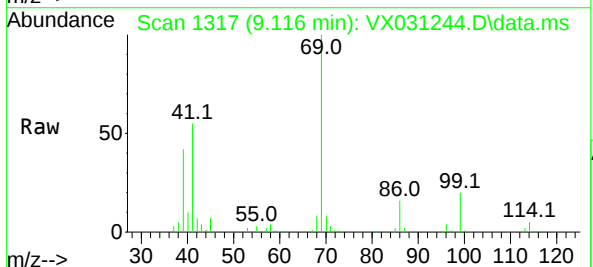
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

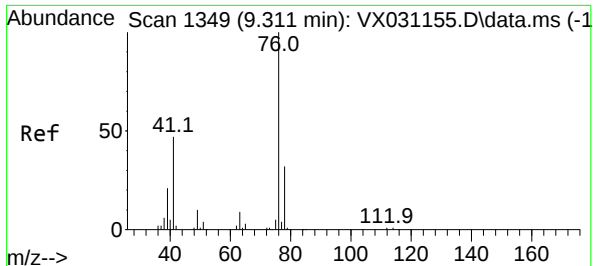
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 37732 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.2  | 68.9  | 103.3 |
| 85       | 52.6  | 44.0  | 66.0  |
| 99       | 59.3  | 48.3  | 72.5  |



#56  
Ethyl methacrylate  
Concen: 53.565 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 58659 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 55.8  | 52.3  | 78.5  |
| 39       | 42.7  | 28.2  | 42.4# |





#57

1,3-Dichloropropane

Concen: 48.228 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

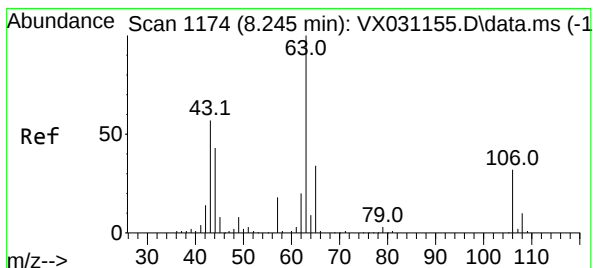
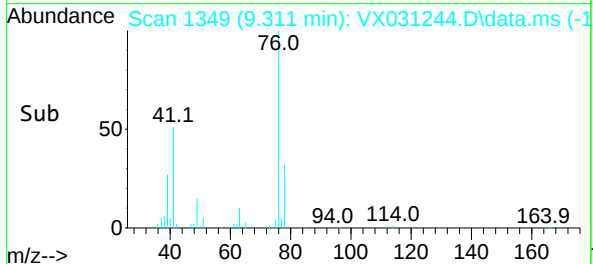
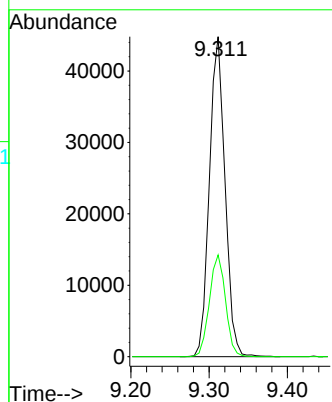
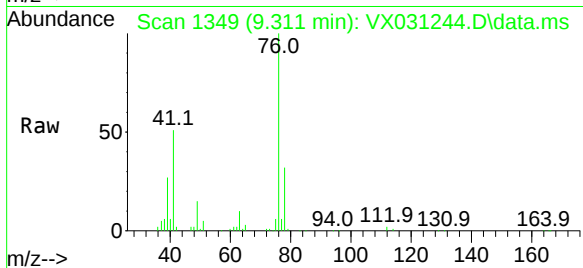
VSTDCCC050EC

Tgt Ion: 76 Resp: 61942

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 230.258 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031244.D

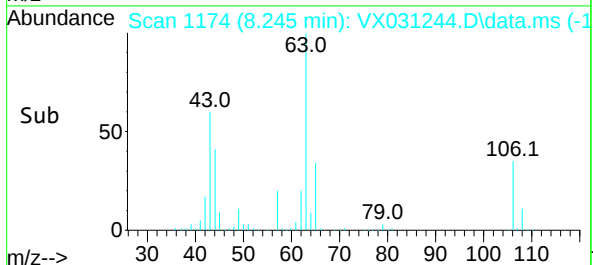
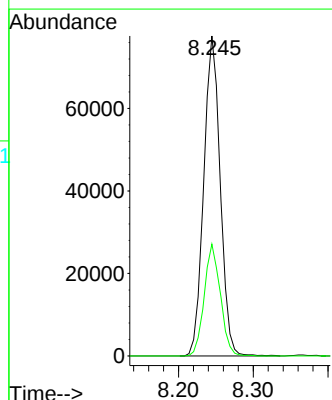
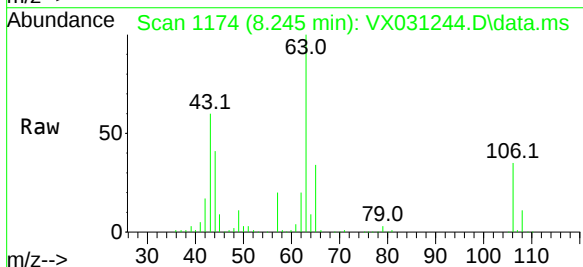
Acq: 09 Sep 2022 04:46

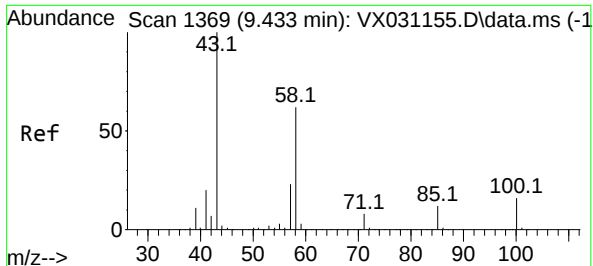
Tgt Ion: 63 Resp: 118841

Ion Ratio Lower Upper

63 100

106 34.1 22.2 33.2#





#59

2-Hexanone

Concen: 259.217 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

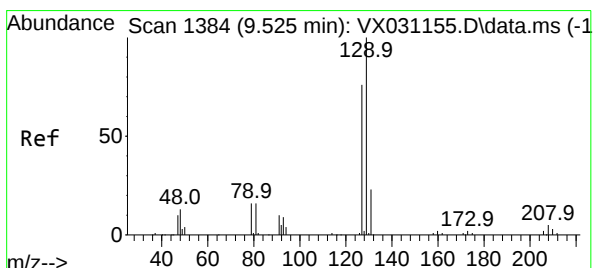
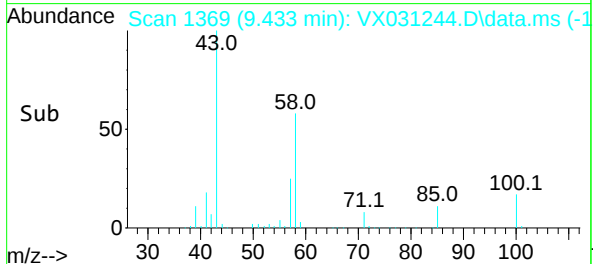
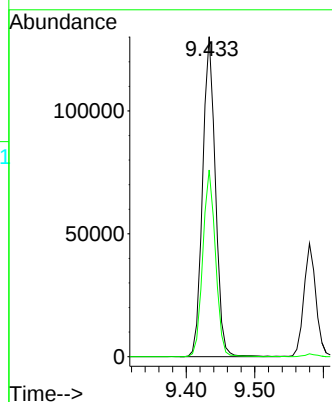
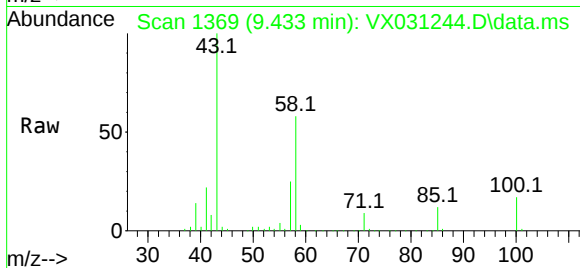
VSTDCCC050EC

Tgt Ion: 43 Resp: 169411

Ion Ratio Lower Upper

43 100

58 58.0 27.6 82.8



#60

Dibromochloromethane

Concen: 60.602 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX031244.D

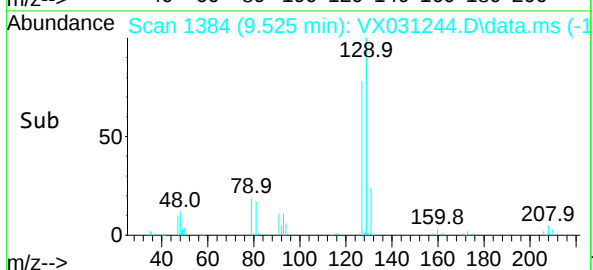
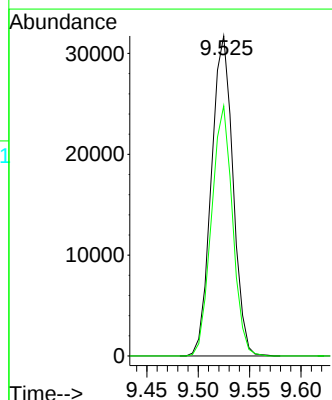
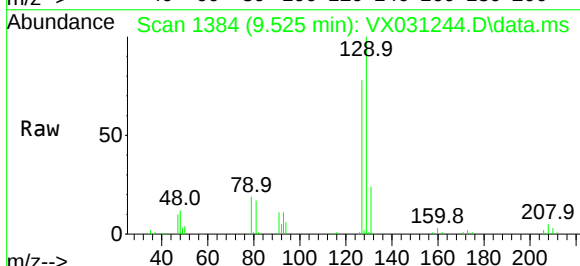
Acq: 09 Sep 2022 04:46

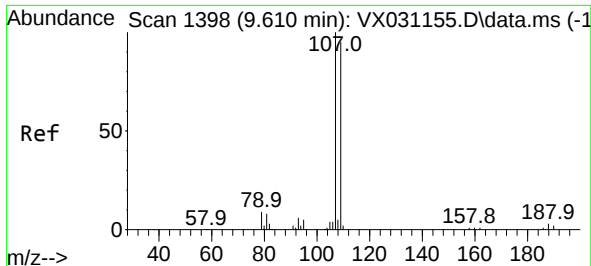
Tgt Ion: 129 Resp: 46441

Ion Ratio Lower Upper

129 100

127 76.0 38.5 115.5

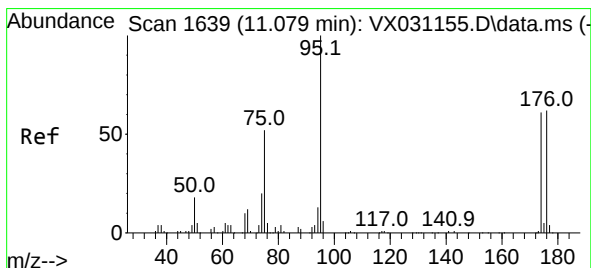
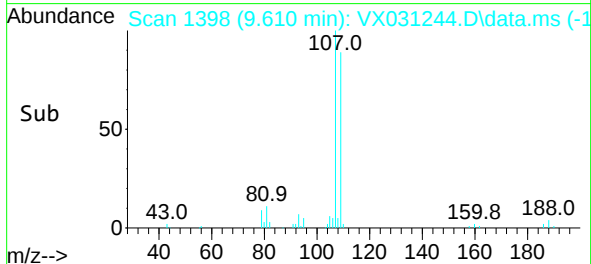
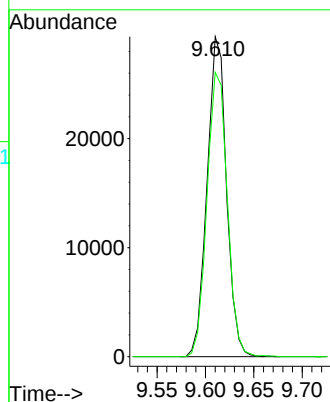
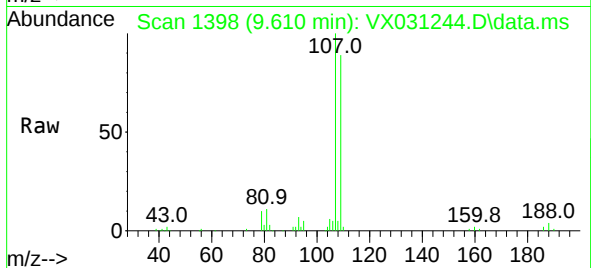




#61  
1,2-Dibromoethane  
Concen: 49.605 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

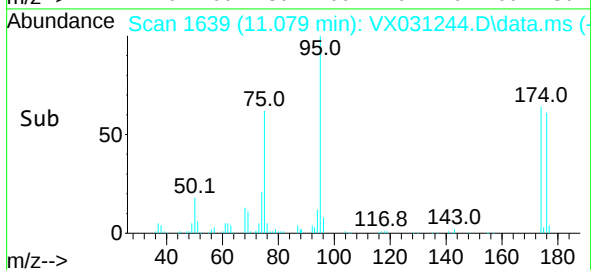
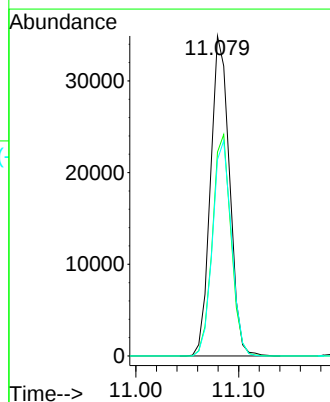
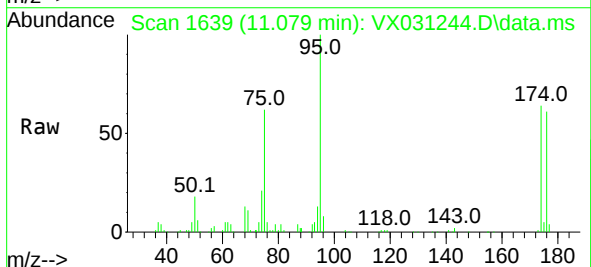
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

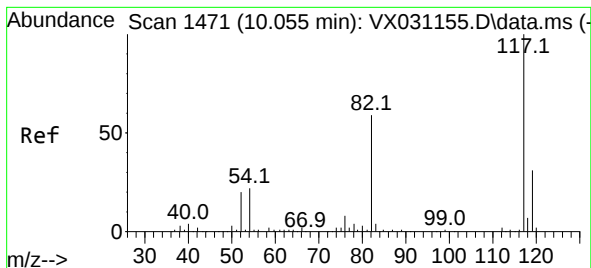
Tgt Ion:107 Resp: 40975  
Ion Ratio Lower Upper  
107 100  
109 93.3 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 49.885 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 95 Resp: 44752  
Ion Ratio Lower Upper  
95 100  
174 67.6 0.0 149.0  
176 66.9 0.0 146.0

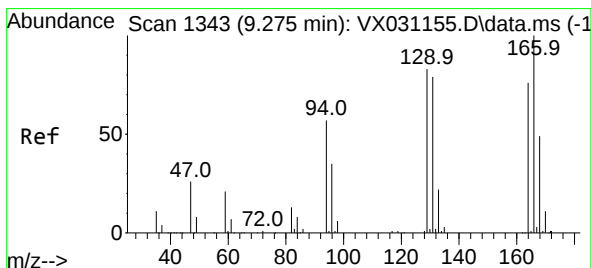
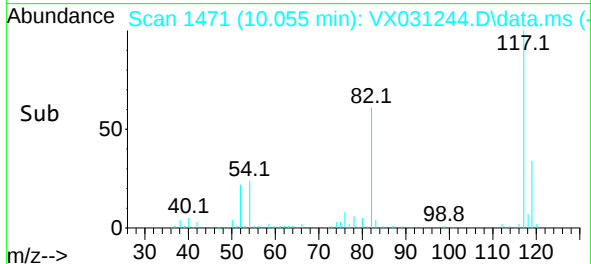
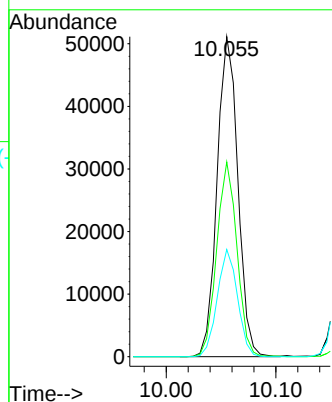
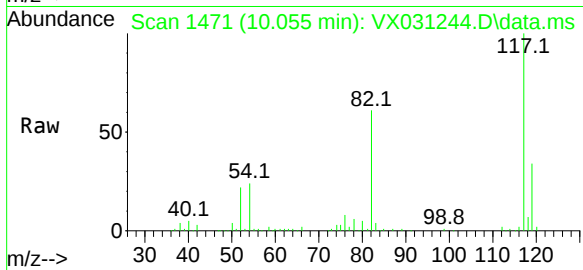




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

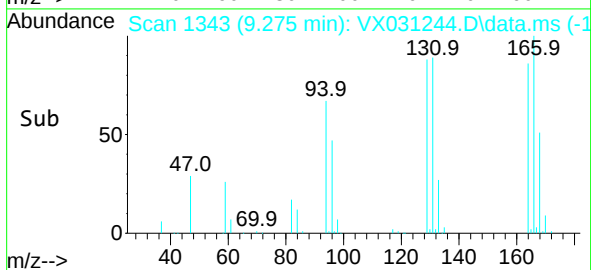
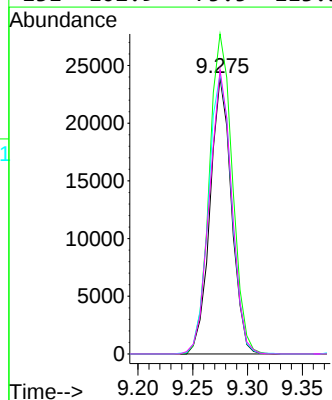
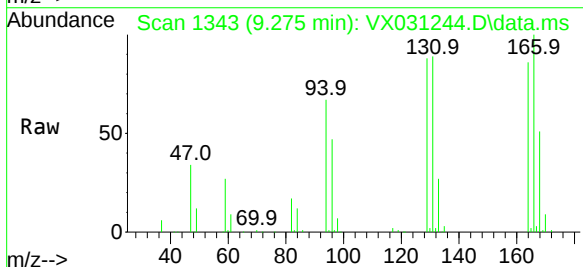
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

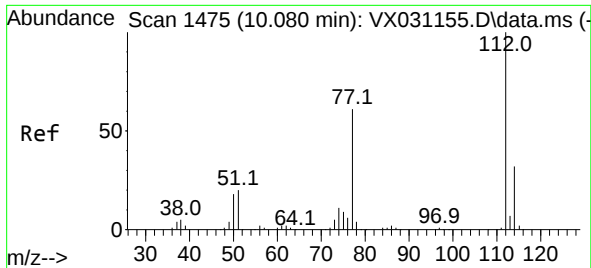
Tgt Ion:117 Resp: 67243  
Ion Ratio Lower Upper  
117 100  
82 60.9 42.7 64.1  
119 33.5 25.4 38.2



#64  
Tetrachloroethene  
Concen: 46.301 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion:164 Resp: 32411  
Ion Ratio Lower Upper  
164 100  
166 115.9 98.2 147.4  
129 101.4 80.8 121.2  
131 102.9 75.5 113.3

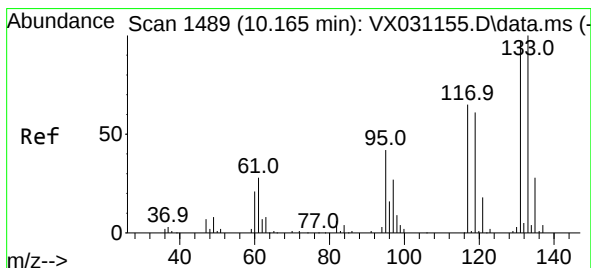
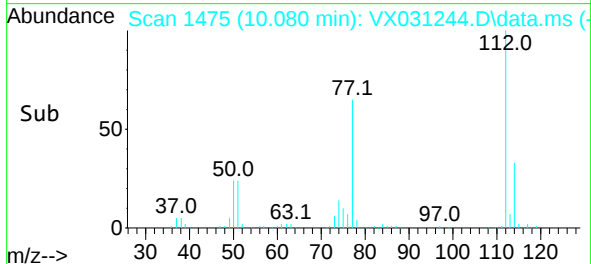
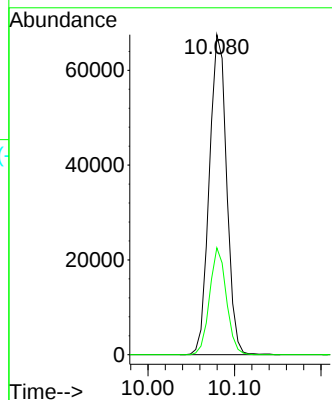
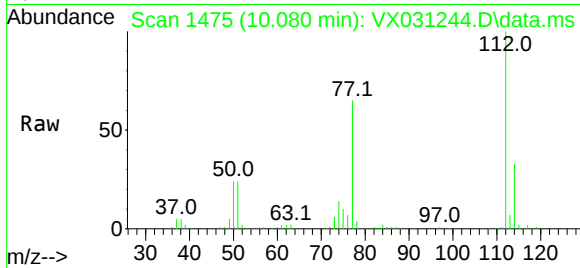




#65  
Chlorobenzene  
Concen: 47.362 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

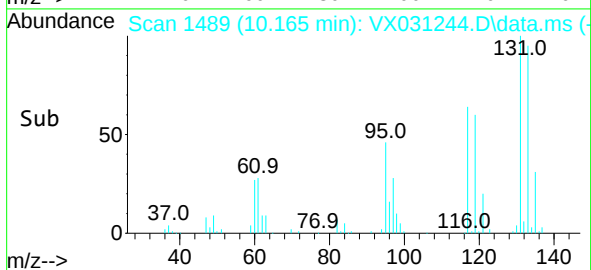
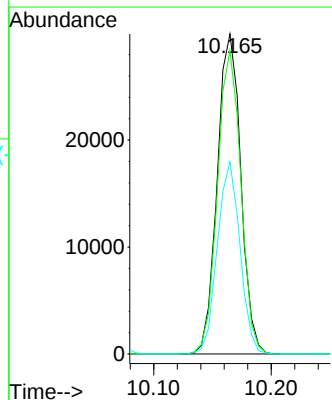
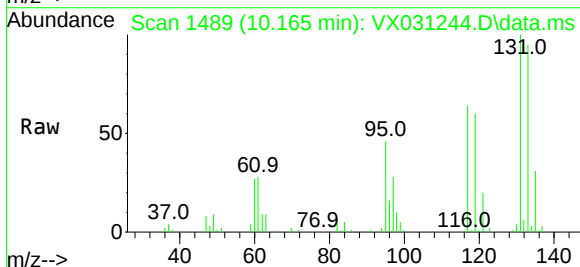
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

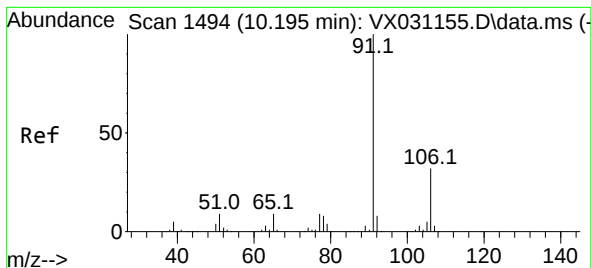
Tgt Ion:112 Resp: 93767  
Ion Ratio Lower Upper  
112 100  
114 33.4 24.6 36.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.906 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion:131 Resp: 41686  
Ion Ratio Lower Upper  
131 100  
133 94.1 46.9 140.8  
119 57.8 34.4 103.1





#67

Ethyl Benzene

Concen: 51.767 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

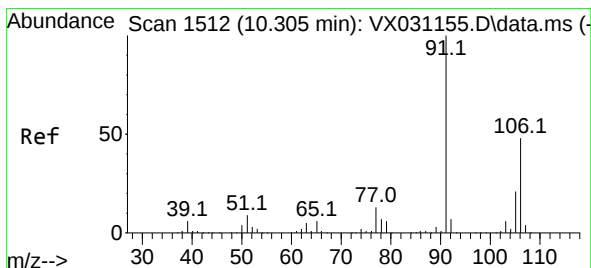
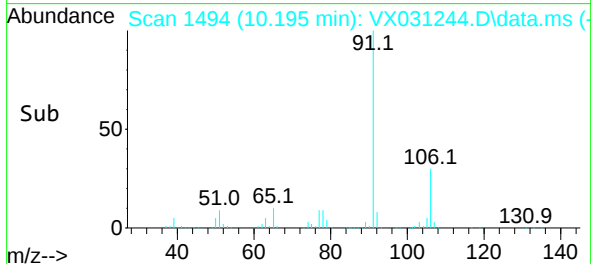
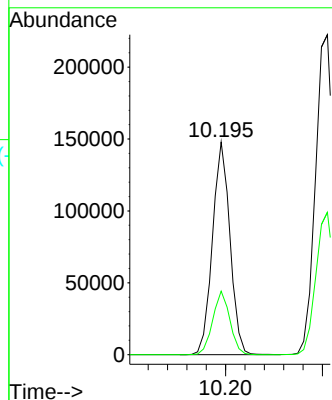
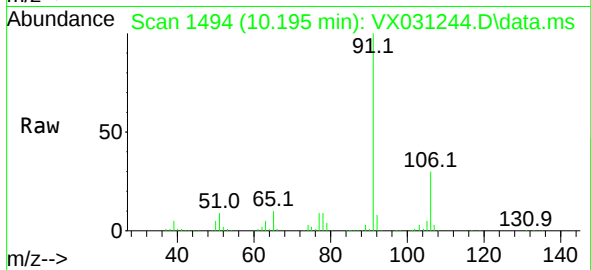
VSTDCCC050EC

Tgt Ion: 91 Resp: 185729

Ion Ratio Lower Upper

91 100

106 29.9 25.5 38.3



#68

m/p-Xylenes

Concen: 100.548 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX031244.D

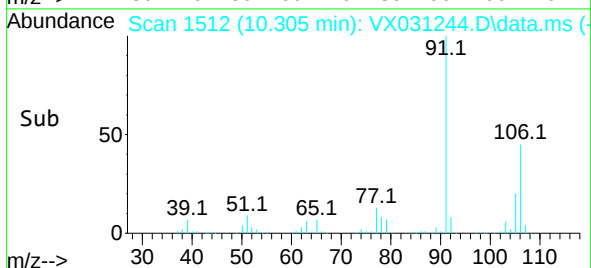
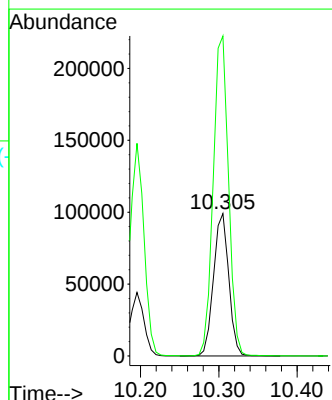
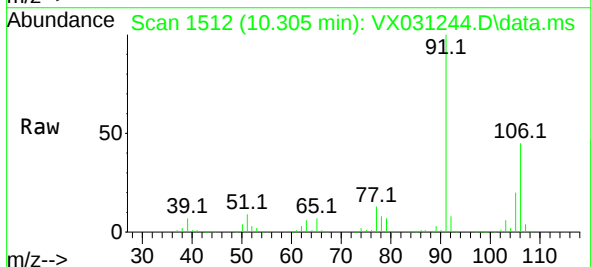
Acq: 09 Sep 2022 04:46

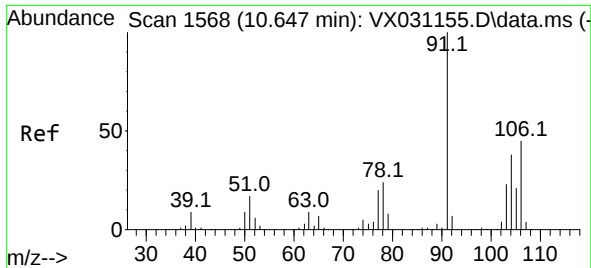
Tgt Ion: 106 Resp: 133726

Ion Ratio Lower Upper

106 100

91 226.2 158.2 237.4

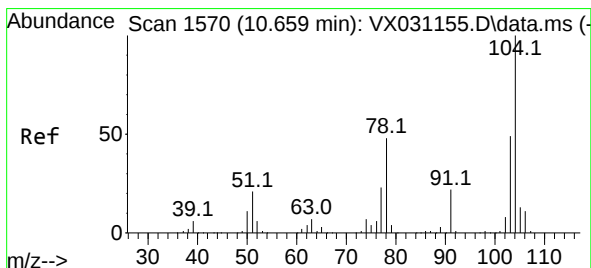
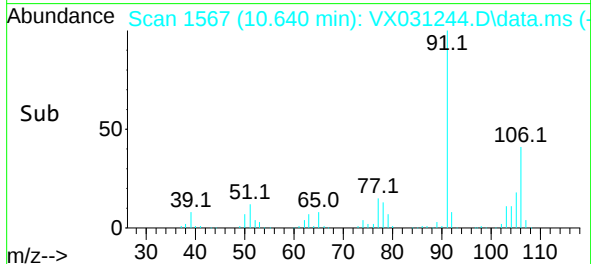
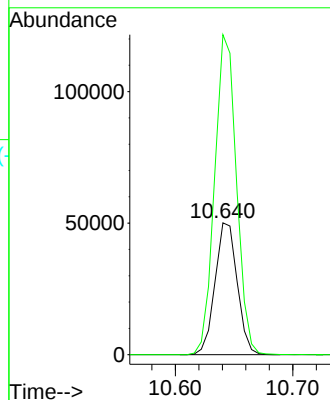
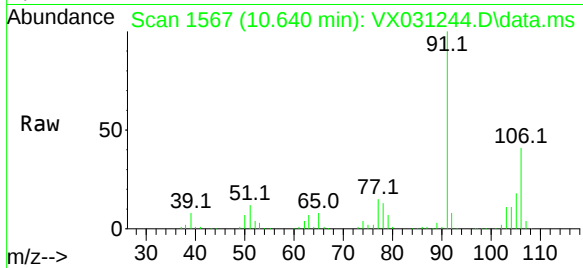




#69  
o-Xylene  
Concen: 49.479 ug/l  
RT: 10.640 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

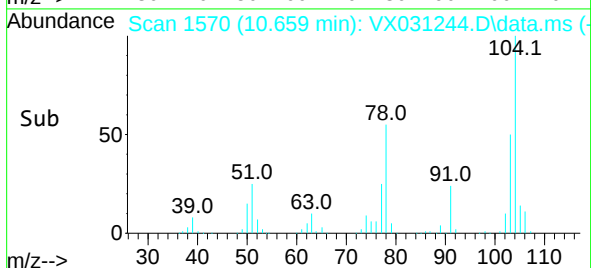
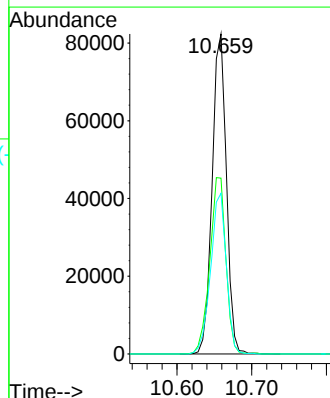
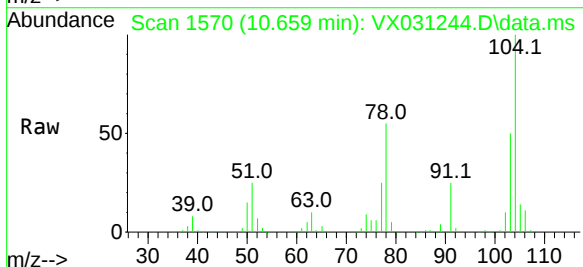
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

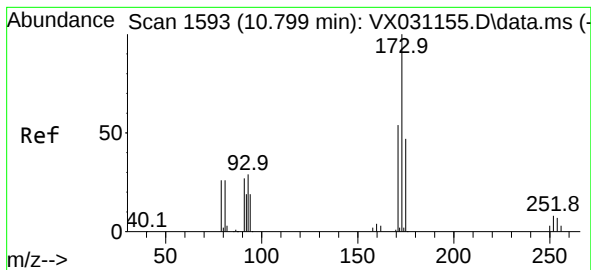
Tgt Ion:106 Resp: 65676  
Ion Ratio Lower Upper  
106 100  
91 239.5 103.8 311.6



#70  
Styrene  
Concen: 51.163 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion:104 Resp: 108904  
Ion Ratio Lower Upper  
104 100  
78 62.3 37.8 56.8#  
103 55.4 44.5 66.7





#71

Bromoform

Concen: 61.645 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

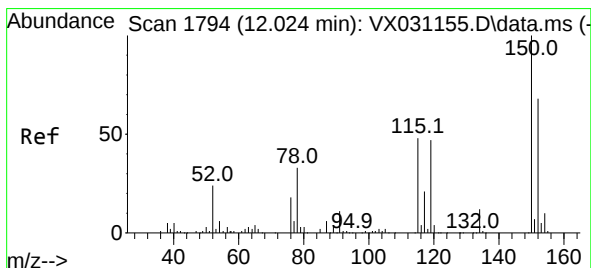
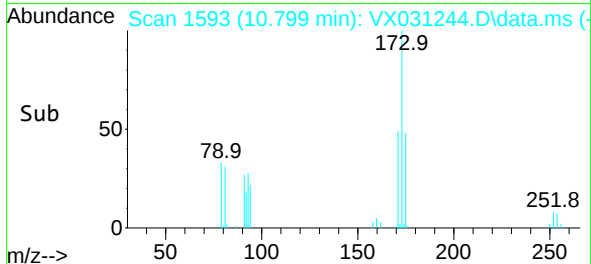
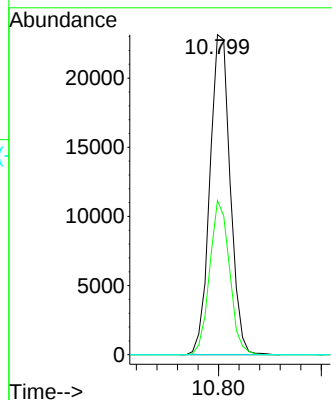
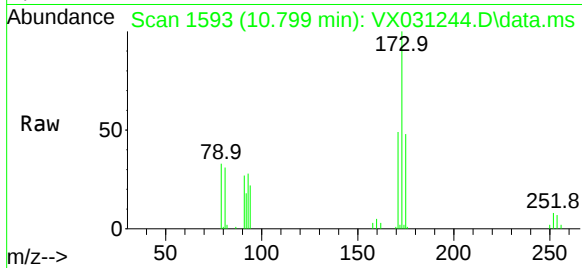
Tgt Ion:173 Resp: 31762

Ion Ratio Lower Upper

173 100

175 46.8 23.8 71.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

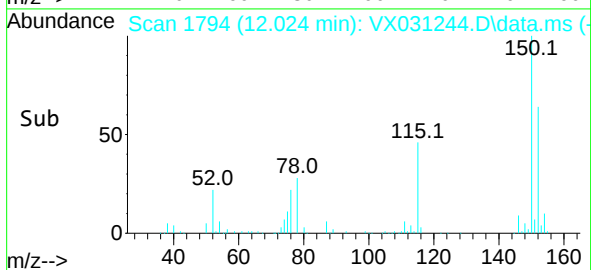
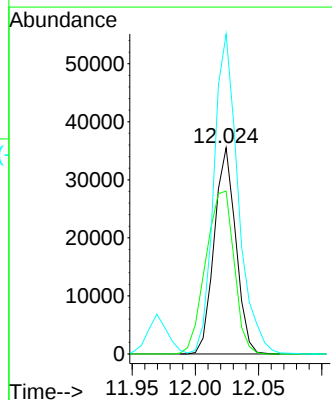
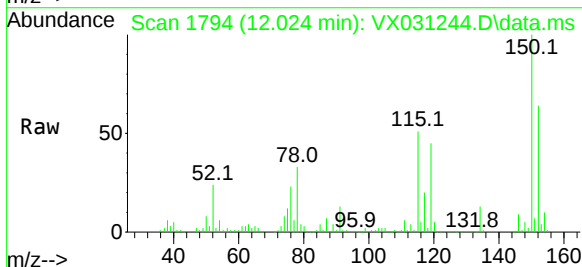
Tgt Ion:152 Resp: 42024

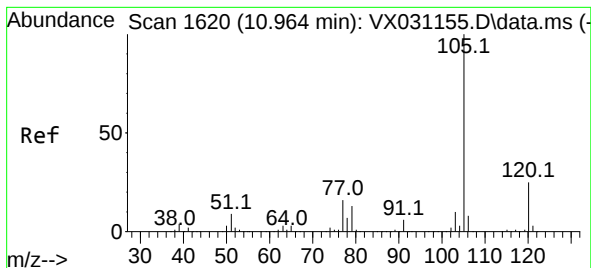
Ion Ratio Lower Upper

152 100

115 103.9 40.5 121.5

150 175.4 0.0 347.0





#73

Isopropylbenzene

Concen: 49.349 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

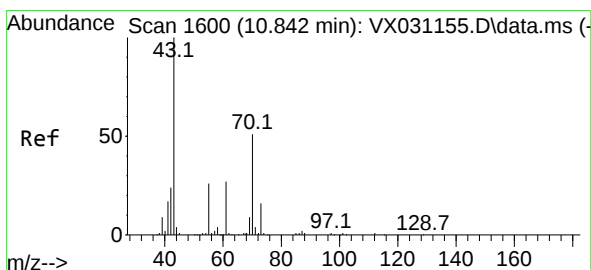
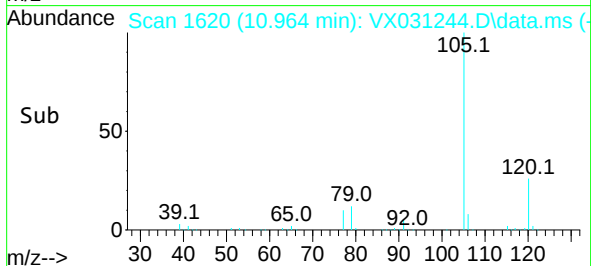
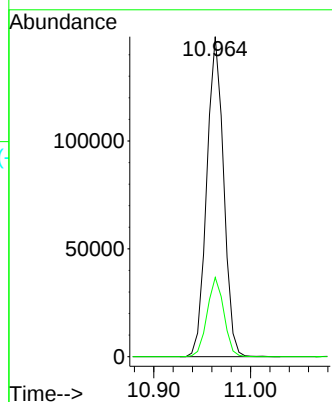
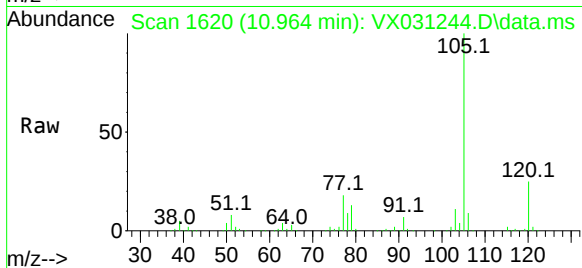
VSTDCCC050EC

Tgt Ion:105 Resp: 180085

Ion Ratio Lower Upper

105 100

120 24.5 13.5 40.4



#74

N-ethyl acetate

Concen: 49.111 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Tgt Ion: 43 Resp: 57057

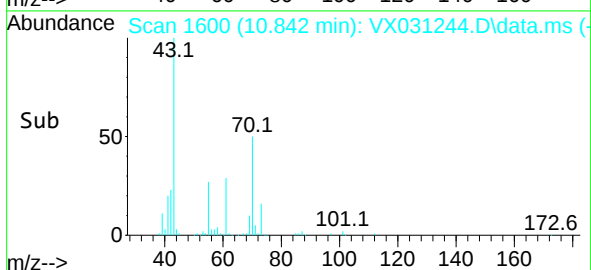
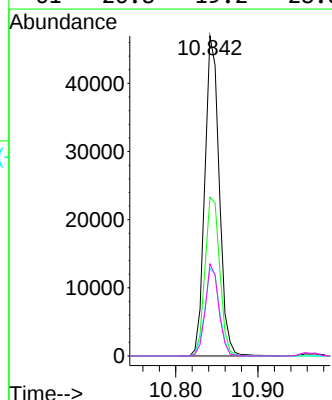
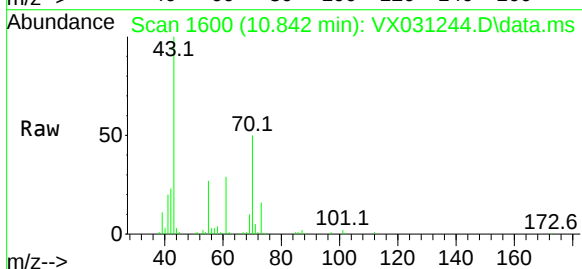
Ion Ratio Lower Upper

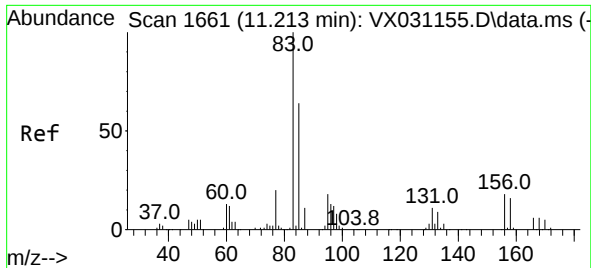
43 100

70 50.7 32.3 48.5#

55 27.8 18.4 27.6#

61 26.8 19.2 28.8

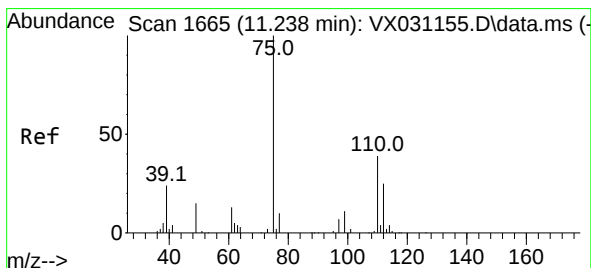
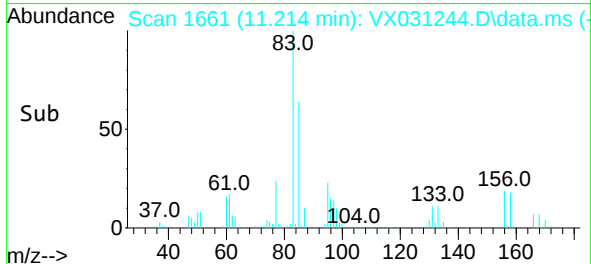
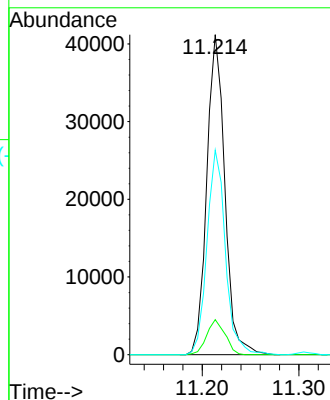
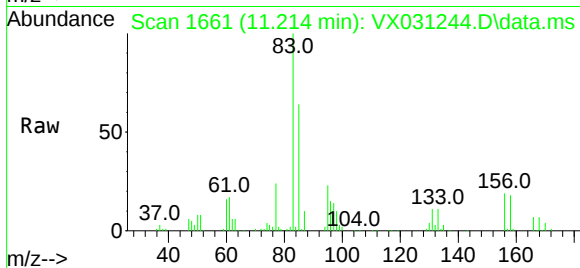




#75  
1,1,2,2-Tetrachloroethane  
Concen: 46.922 ug/l  
RT: 11.214 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

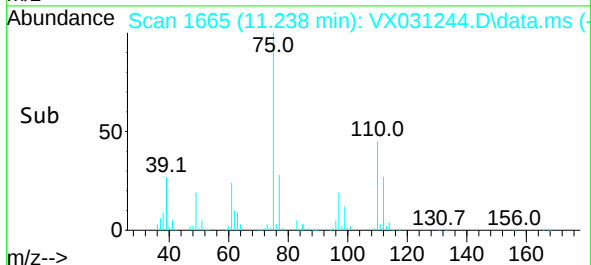
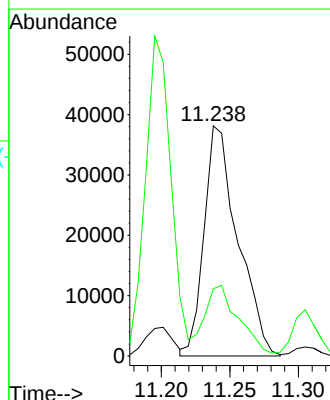
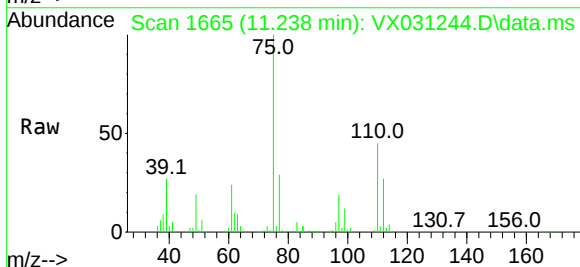
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

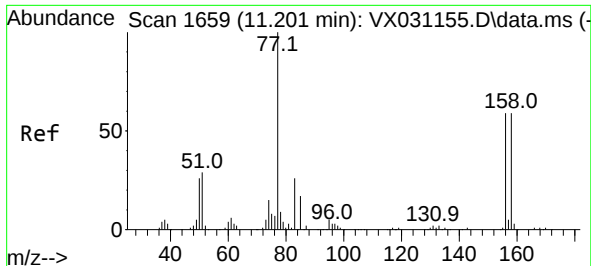
Tgt Ion: 83 Resp: 53451  
Ion Ratio Lower Upper  
83 100  
131 11.2 4.5 13.7  
85 65.4 32.5 97.5



#76  
1,2,3-Trichloropropane  
Concen: 56.906 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 75 Resp: 65266  
Ion Ratio Lower Upper  
75 100  
77 31.5 19.8 59.3

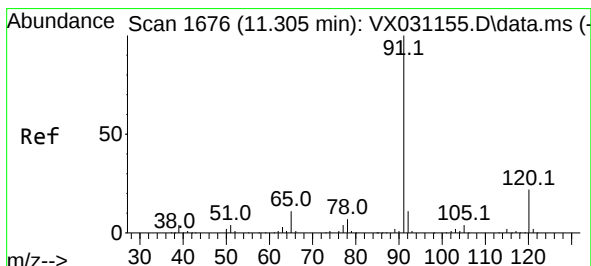
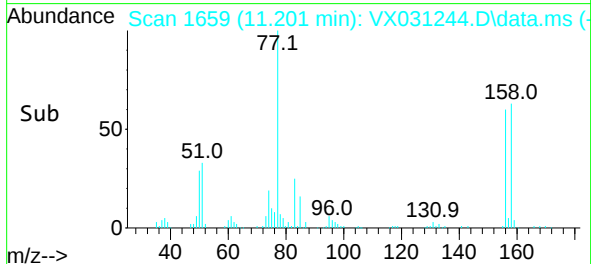
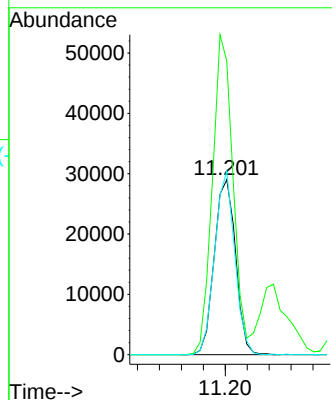
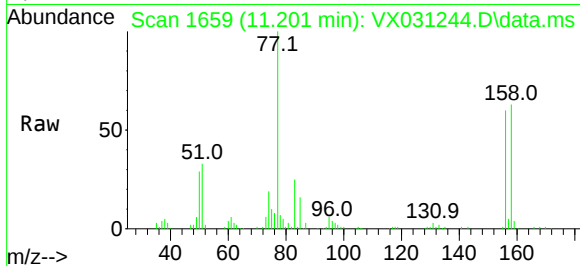




#77  
Bromobenzene  
Concen: 49.410 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

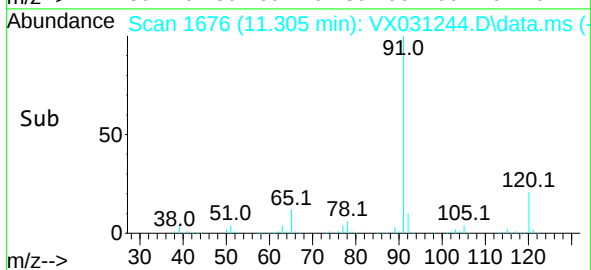
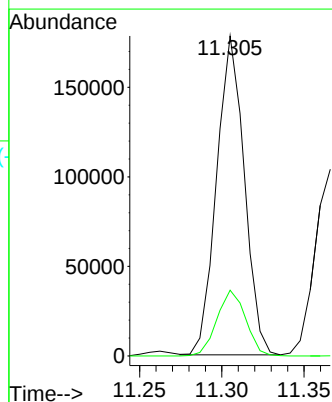
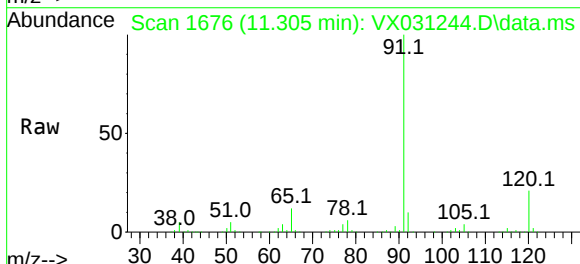
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

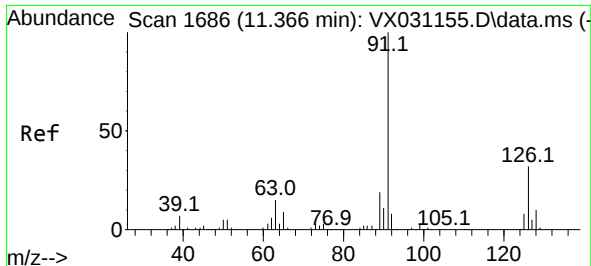
Tgt Ion:156 Resp: 39188  
Ion Ratio Lower Upper  
156 100  
77 175.9 82.7 247.9  
158 98.8 47.5 142.5



#78  
n-propylbenzene  
Concen: 50.163 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 91 Resp: 208661  
Ion Ratio Lower Upper  
91 100  
120 21.3 11.6 34.8

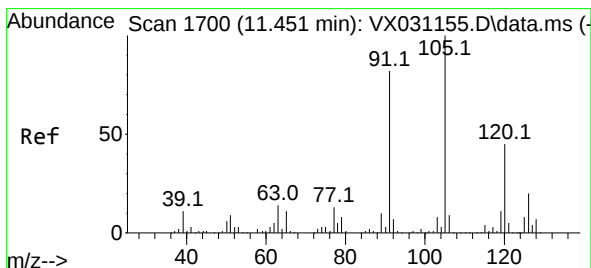
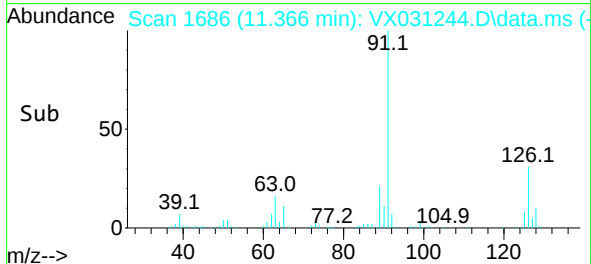
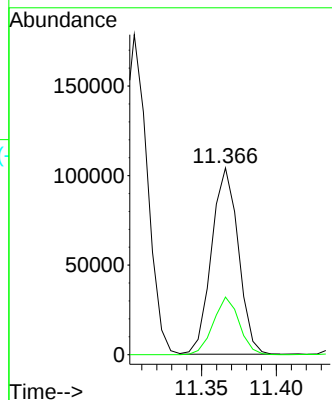
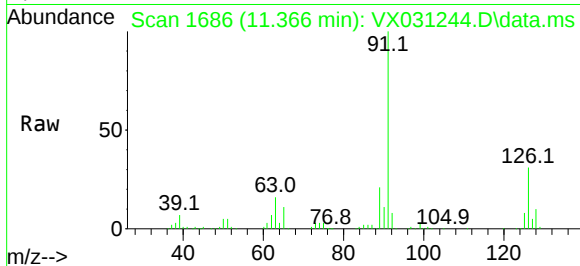




#79  
2-Chlorotoluene  
Concen: 50.322 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

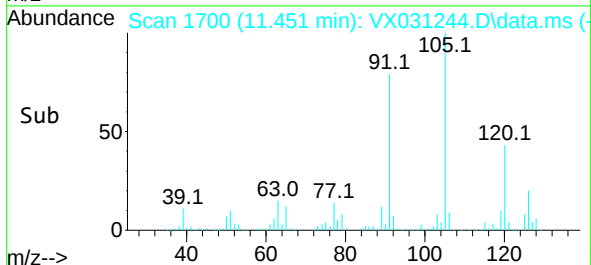
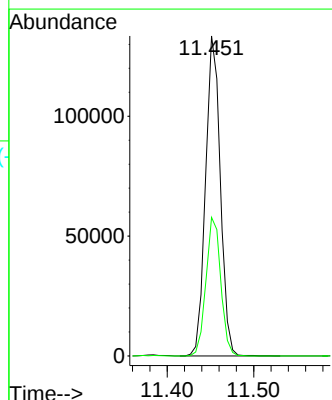
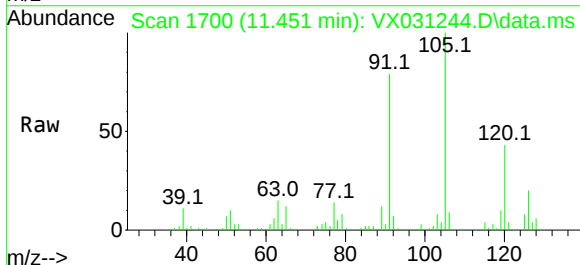
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

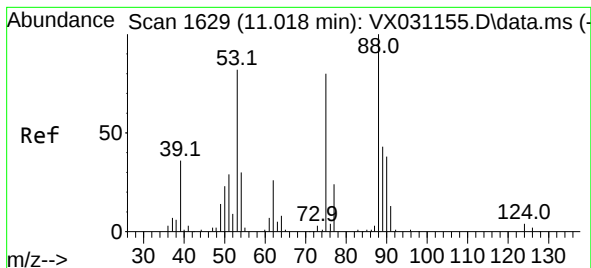
Tgt Ion: 91 Resp: 129685  
Ion Ratio Lower Upper  
91 100  
126 29.9 17.4 52.3



#80  
1,3,5-Trimethylbenzene  
Concen: 51.477 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 105 Resp: 157924  
Ion Ratio Lower Upper  
105 100  
120 43.5 24.4 73.2

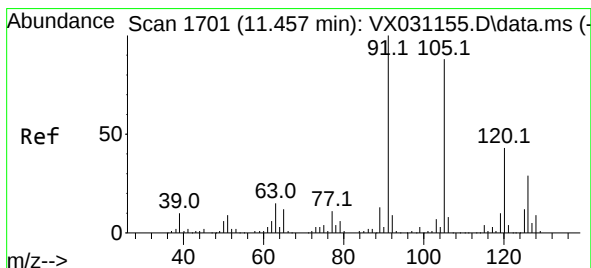
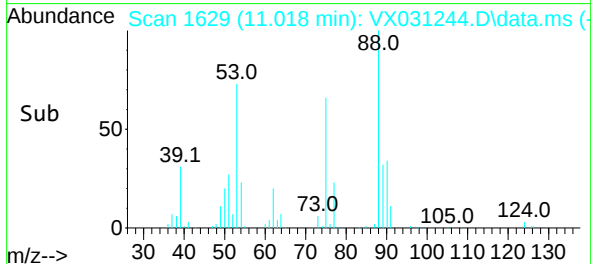
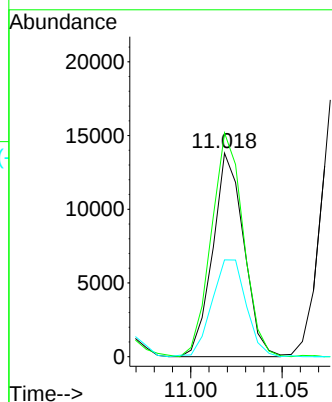
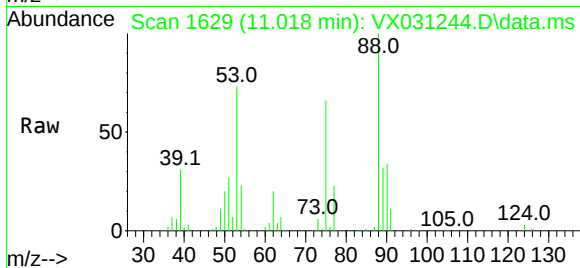




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.914 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

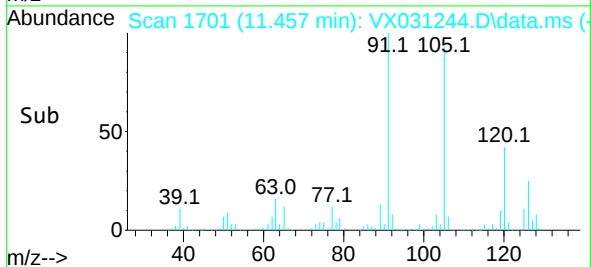
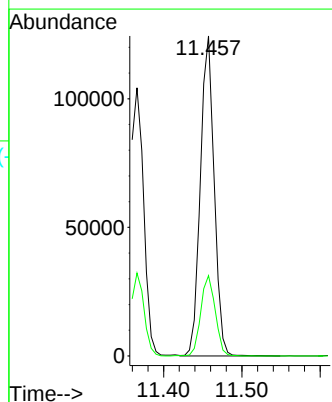
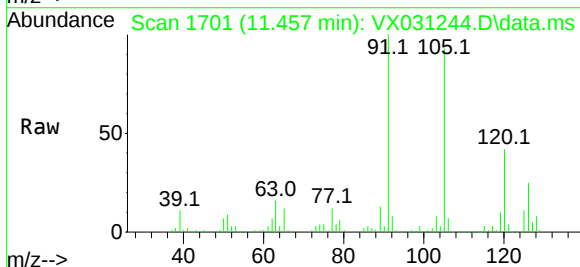
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

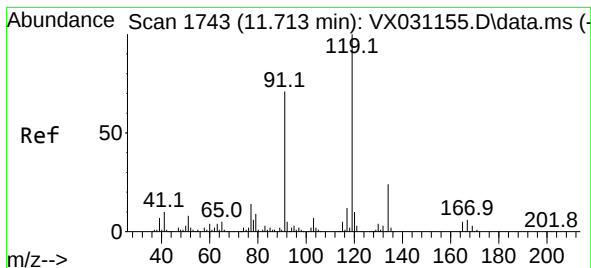
Tgt Ion: 75 Resp: 16329  
Ion Ratio Lower Upper  
75 100  
53 113.0 74.2 111.4#  
89 52.4 34.8 52.2#



#82  
4-Chlorotoluene  
Concen: 51.237 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion: 91 Resp: 152768  
Ion Ratio Lower Upper  
91 100  
126 26.2 15.3 45.9





#83

tert-Butylbenzene

Concen: 50.709 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

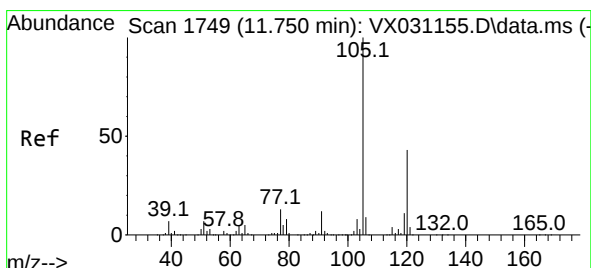
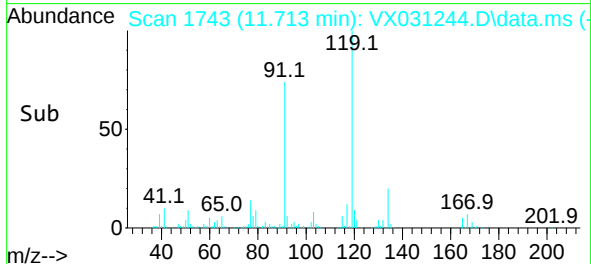
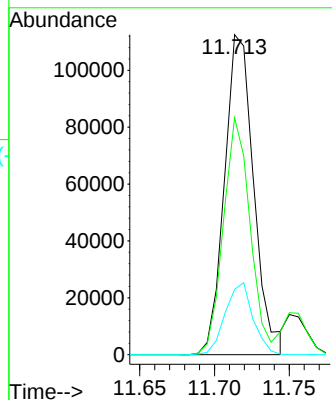
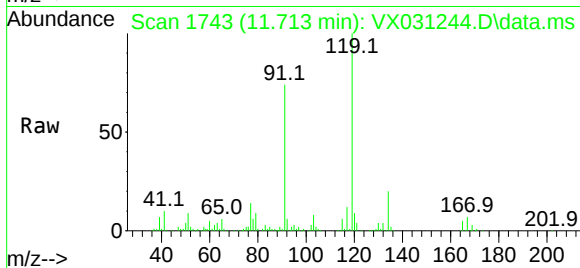
Tgt Ion:119 Resp: 153360

Ion Ratio Lower Upper

119 100

91 67.6 28.3 84.9

134 21.3 11.2 33.5



#84

1,2,4-Trimethylbenzene

Concen: 52.824 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX031244.D

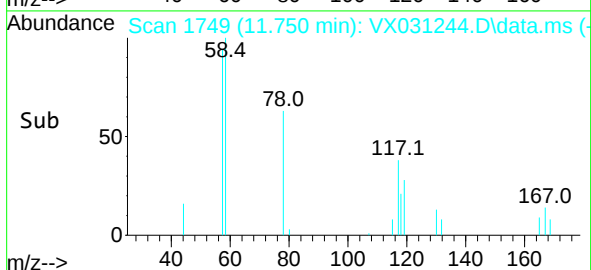
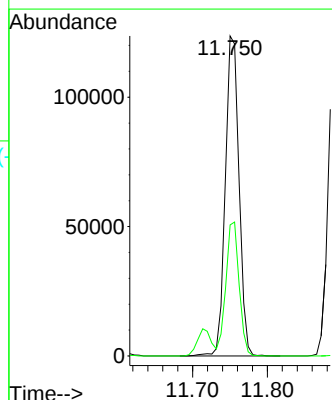
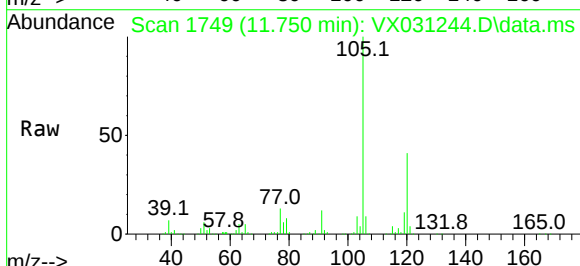
Acq: 09 Sep 2022 04:46

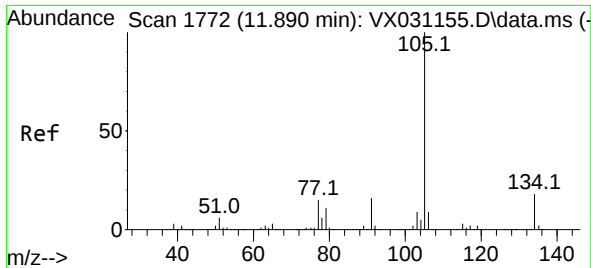
Tgt Ion:105 Resp: 157546

Ion Ratio Lower Upper

105 100

120 40.6 22.9 68.8

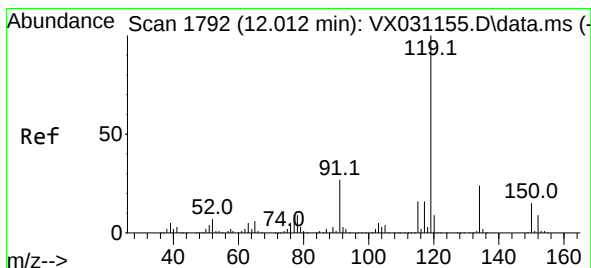
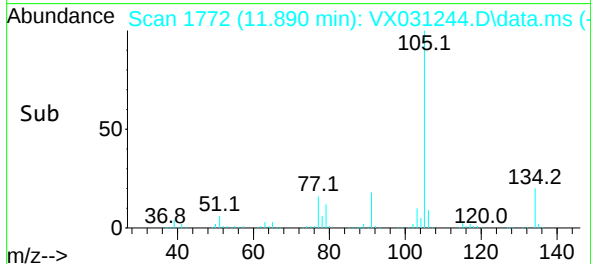
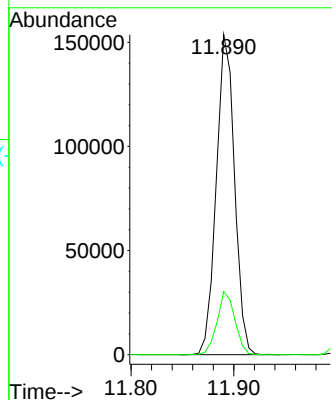
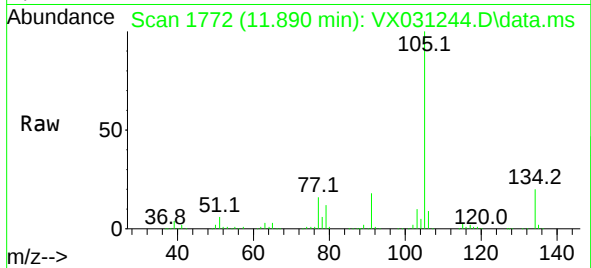




#85  
 sec-Butylbenzene  
 Concen: 50.422 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX031244.D  
 Acq: 09 Sep 2022 04:46

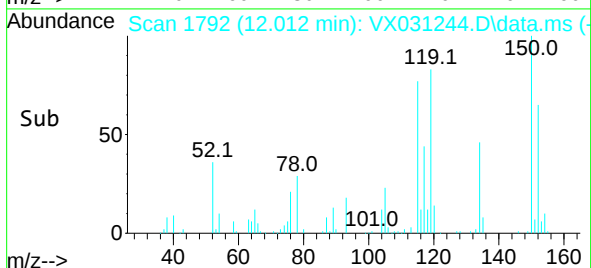
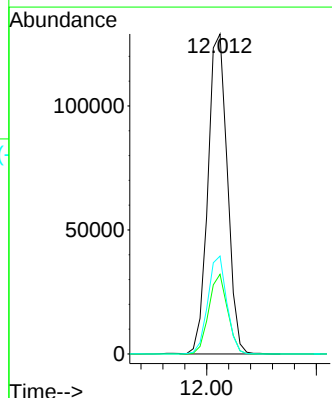
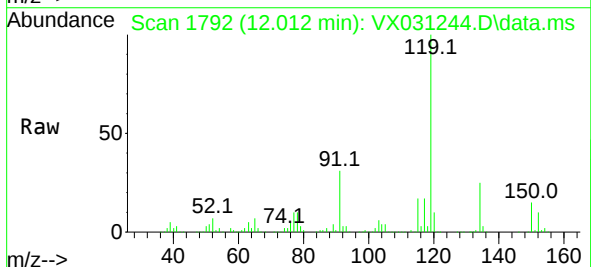
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

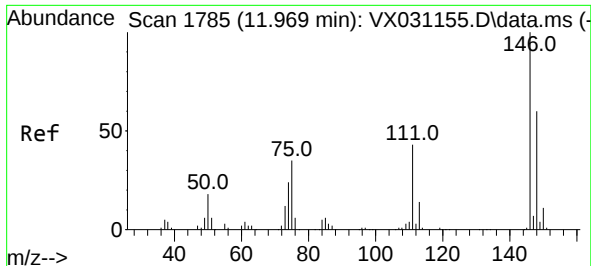
Tgt Ion:105 Resp: 188861  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 10.0 30.0



#86  
 p-Isopropyltoluene  
 Concen: 52.343 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX031244.D  
 Acq: 09 Sep 2022 04:46

Tgt Ion:119 Resp: 158387  
 Ion Ratio Lower Upper  
 119 100  
 134 24.2 13.9 41.6  
 91 29.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 49.423 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

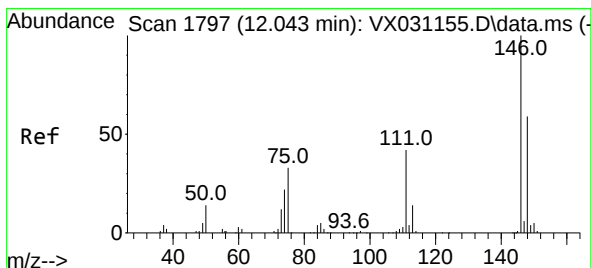
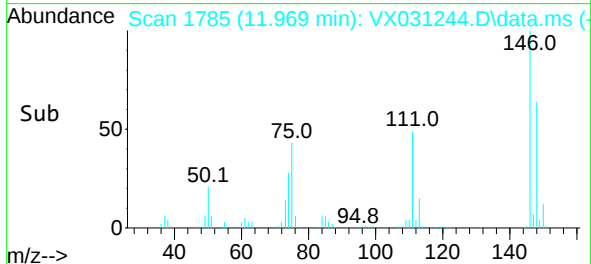
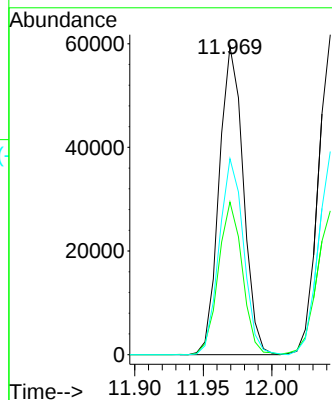
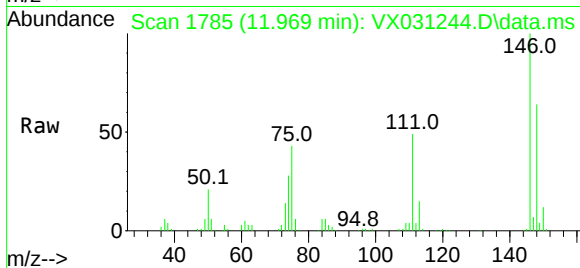
Tgt Ion:146 Resp: 72851

Ion Ratio Lower Upper

146 100

111 49.1 20.3 60.8

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.001 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

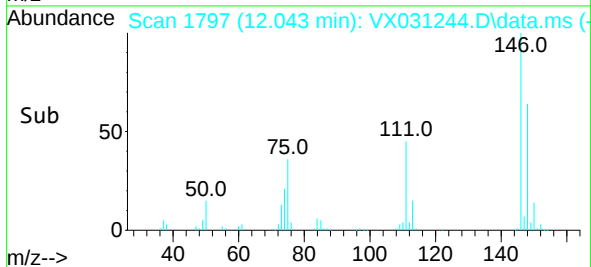
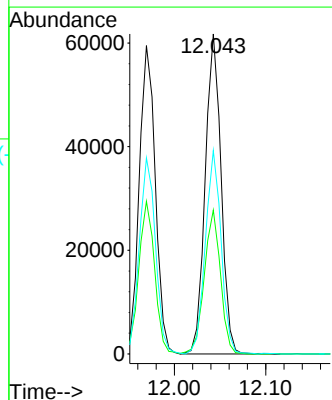
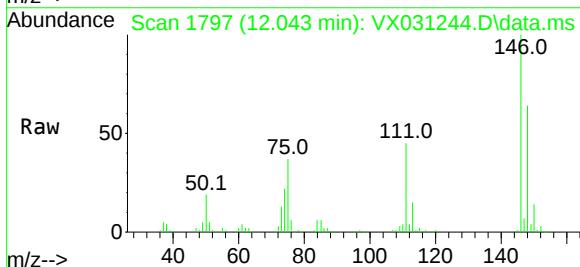
Tgt Ion:146 Resp: 74280

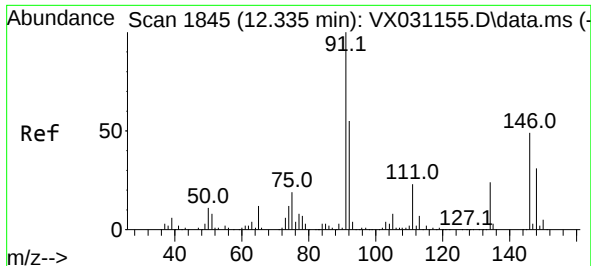
Ion Ratio Lower Upper

146 100

111 45.9 20.3 60.9

148 63.3 32.3 96.8





#89

n-Butylbenzene

Concen: 51.439 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

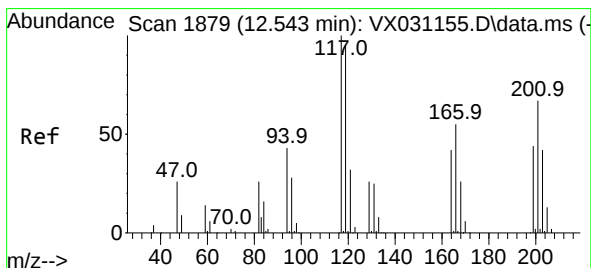
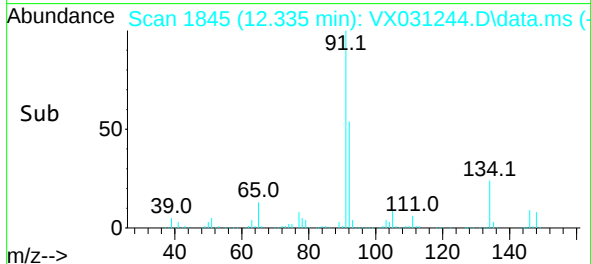
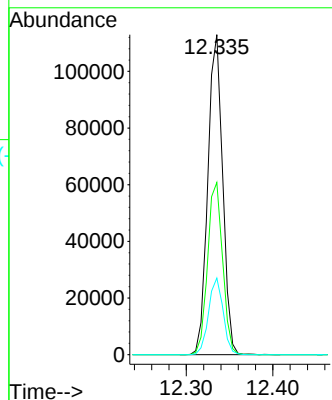
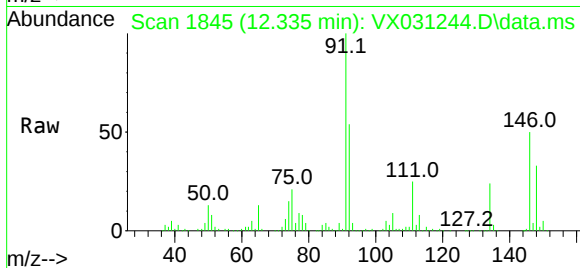
Tgt Ion: 91 Resp: 134201

Ion Ratio Lower Upper

91 100

92 54.5 26.2 78.5

134 23.6 12.6 37.8



#90

Hexachloroethane

Concen: 57.594 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX031244.D

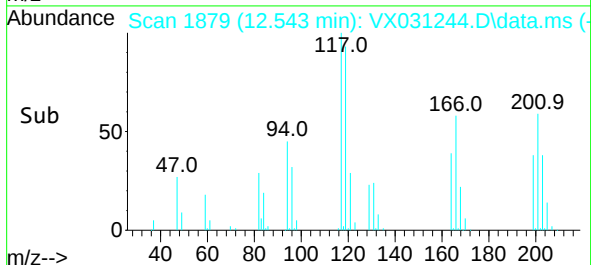
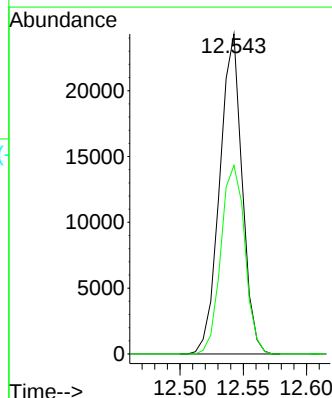
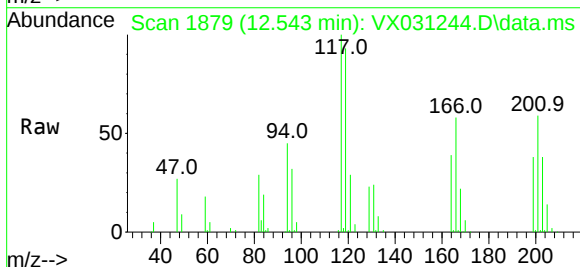
Acq: 09 Sep 2022 04:46

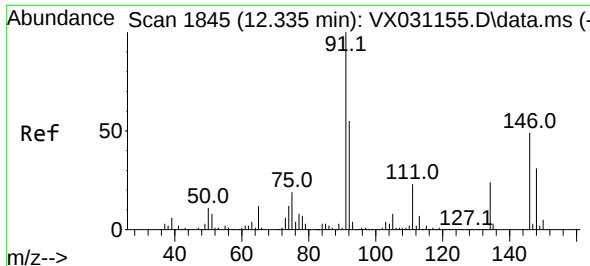
Tgt Ion: 117 Resp: 29944

Ion Ratio Lower Upper

117 100

201 62.8 34.2 102.5





#91

1,2-Dichlorobenzene

Concen: 48.834 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

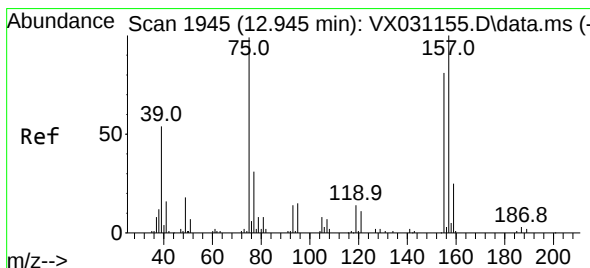
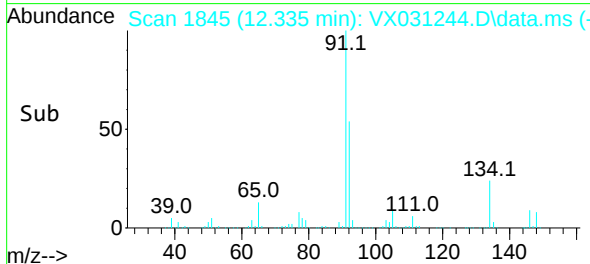
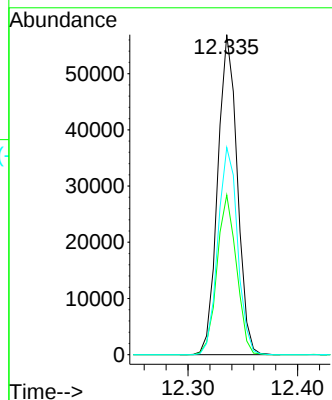
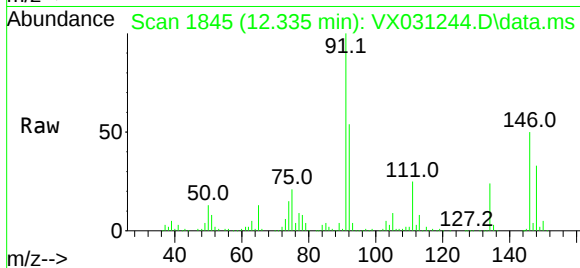
Tgt Ion:146 Resp: 70592

Ion Ratio Lower Upper

146 100

111 49.4 20.7 62.1

148 65.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.649 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

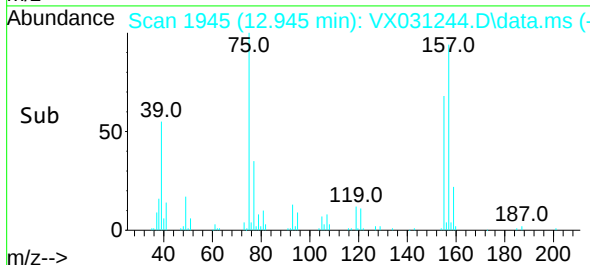
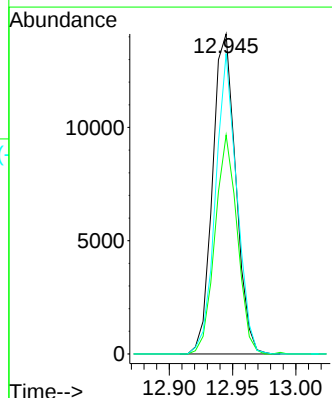
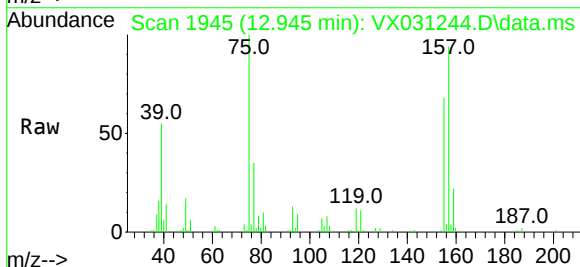
Tgt Ion: 75 Resp: 18036

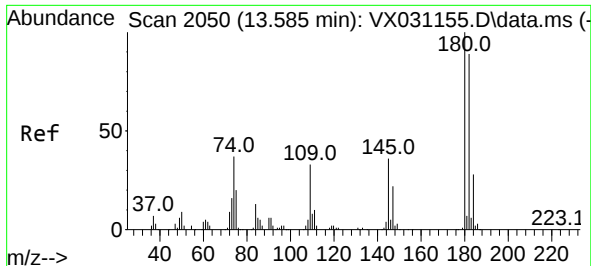
Ion Ratio Lower Upper

75 100

155 65.2 45.0 134.8

157 86.0 56.9 170.7

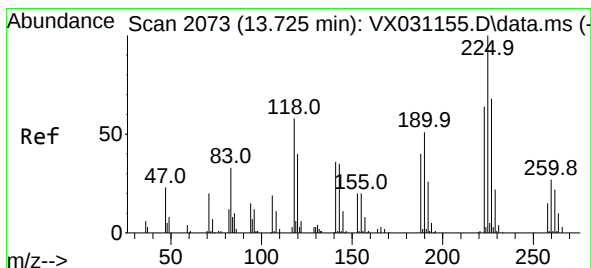
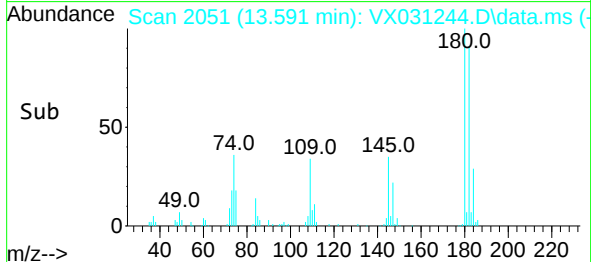
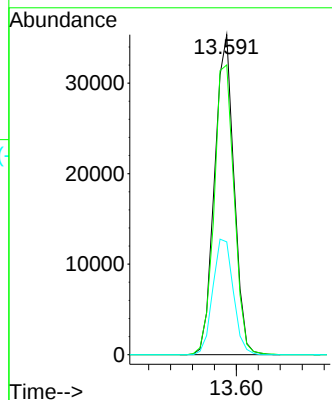
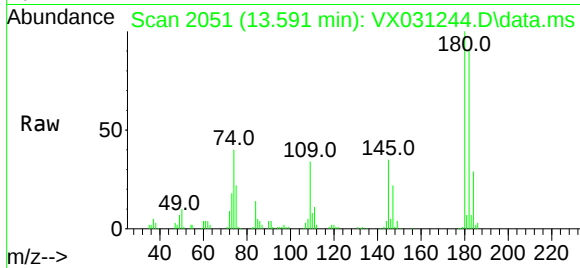




#93  
1,2,4-Trichlorobenzene  
Concen: 51.364 ug/l  
RT: 13.591 min Scan# 2050  
Delta R.T. 0.006 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

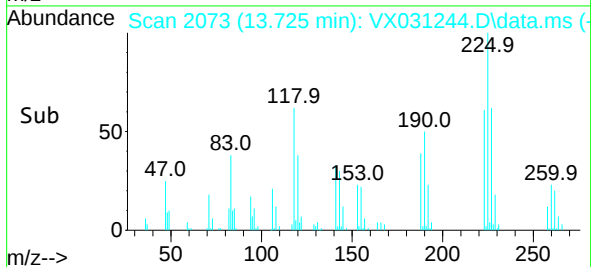
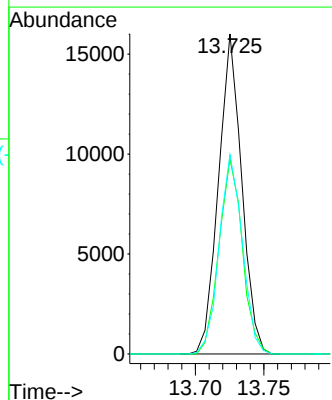
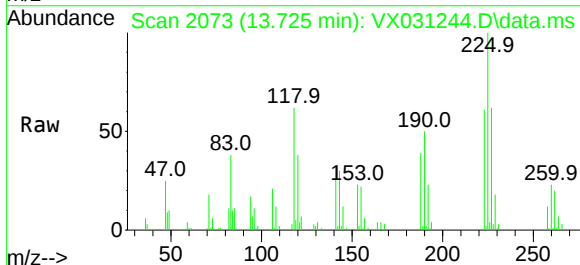
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

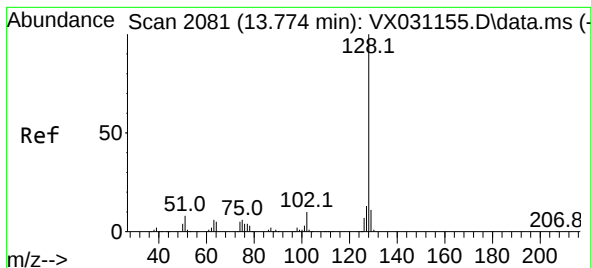
Tgt Ion:180 Resp: 43419  
Ion Ratio Lower Upper  
180 100  
182 93.7 48.2 144.6  
145 38.1 15.9 47.6



#94  
Hexachlorobutadiene  
Concen: 52.371 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX031244.D  
Acq: 09 Sep 2022 04:46

Tgt Ion:225 Resp: 18799  
Ion Ratio Lower Upper  
225 100  
223 61.6 30.6 91.6  
227 62.2 31.9 95.9





#95

Naphthalene

Concen: 53.055 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

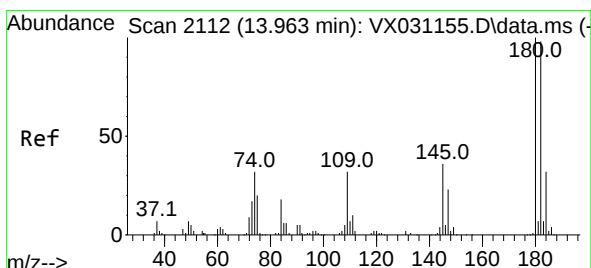
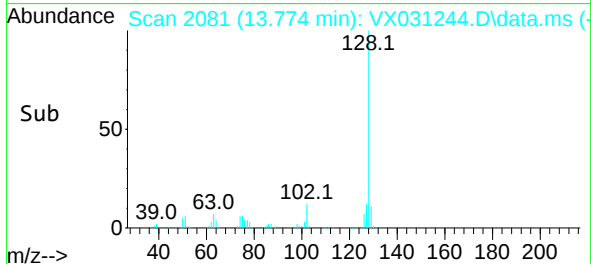
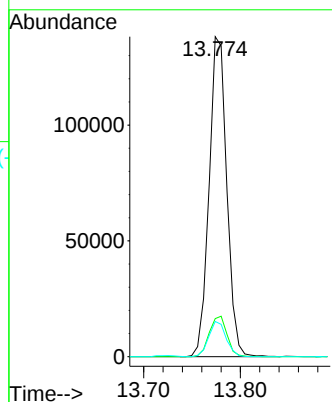
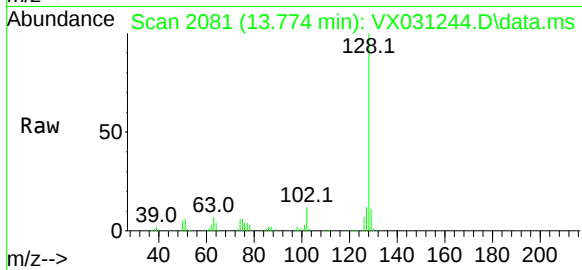
Tgt Ion:128 Resp: 175688

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.601 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX031244.D

Acq: 09 Sep 2022 04:46

Tgt Ion:180 Resp: 45270

Ion Ratio Lower Upper

180 100

182 93.5 47.0 141.0

145 39.0 17.0 50.9

