

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091523\  
 Data File : VX037764.D  
 Acq On : 15 Sep 2023 18:54  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 16 05:48:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 226245   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 386423   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 364744   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 185073   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 138403   | 46.561   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 93.120%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 117254   | 45.349   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 90.700%  |
| 50) Toluene-d8              | 8.647  | 98    | 419928   | 43.711   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 87.420%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 155493   | 44.541   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 89.080%  |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.167 | 85  | 104305  | 43.740  | ug/l   | 97  |
| 3) Chloromethane             | 1.301 | 50  | 123807  | 47.716  | ug/l   | 98  |
| 4) Vinyl Chloride            | 1.374 | 62  | 130384  | 46.579  | ug/l   | 99  |
| 5) Bromomethane              | 1.599 | 94  | 100743  | 50.273  | ug/l   | 100 |
| 6) Chloroethane              | 1.679 | 64  | 93174   | 48.317  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 208421  | 46.314  | ug/l   | 97  |
| 8) Diethyl Ether             | 2.136 | 74  | 89058   | 51.080  | ug/l   | 81  |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 103592  | 45.359  | ug/l   | 96  |
| 10) Methyl Iodide            | 2.453 | 142 | 154088  | 50.983  | ug/l   | 92  |
| 11) Tert butyl alcohol       | 2.965 | 59  | 173373  | 271.726 | ug/l # | 93  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 104462  | 47.328  | ug/l   | 85  |
| 13) Acrolein                 | 2.233 | 56  | 152781  | 242.383 | ug/l   | 100 |
| 14) Allyl chloride           | 2.660 | 41  | 177853  | 48.380  | ug/l # | 95  |
| 15) Acrylonitrile            | 3.063 | 53  | 377961  | 266.432 | ug/l   | 99  |
| 16) Acetone                  | 2.380 | 43  | 311699  | 217.977 | ug/l # | 89  |
| 17) Carbon Disulfide         | 2.514 | 76  | 247357  | 44.698  | ug/l   | 100 |
| 18) Methyl Acetate           | 2.703 | 43  | 271951  | 52.719  | ug/l   | 92  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 420475  | 51.786  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.788 | 84  | 137759  | 52.109  | ug/l   | 89  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 120204  | 49.044  | ug/l   | 88  |
| 22) Diisopropyl ether        | 3.764 | 45  | 399122  | 52.123  | ug/l # | 84  |
| 23) Vinyl Acetate            | 3.721 | 43  | 1502080 | 266.686 | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 227064  | 49.484  | ug/l   | 99  |
| 25) 2-Butanone               | 4.556 | 43  | 512752  | 254.101 | ug/l   | 93  |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 153525  | 41.407  | ug/l   | 92  |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 150672  | 50.145  | ug/l   | 88  |
| 28) Bromochloromethane       | 4.898 | 49  | 110711  | 51.718  | ug/l # | 83  |
| 29) Tetrahydrofuran          | 5.001 | 42  | 338266  | 269.497 | ug/l   | 90  |
| 30) Chloroform               | 5.093 | 83  | 250230  | 50.622  | ug/l   | 98  |
| 31) Cyclohexane              | 5.471 | 56  | 175792  | 46.076  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 206677  | 49.380  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 160368  | 45.025  | ug/l   | 96  |
| 37) Ethyl Acetate            | 4.709 | 43  | 201537  | 51.470  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 171488  | 46.016  | ug/l   | 99  |
| 39) Methylcyclohexane        | 7.379 | 83  | 199310  | 44.090  | ug/l   | 93  |
| 40) Benzene                  | 6.038 | 78  | 526476  | 48.067  | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091523\  
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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 16 05:48:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 105059   | 52.620   | ug/l # | 90       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 196133   | 49.544   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 322712   | 51.542   | ug/l # | 96       |
| 44) Trichloroethene           | 7.129  | 130  | 134493   | 44.093   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 138890   | 48.829   | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 103255   | 50.464   | ug/l   | 92       |
| 47) Bromodichloromethane      | 7.824  | 83   | 191348   | 50.778   | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.690  | 41   | 155550   | 51.970   | ug/l # | 86       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 83676    | 1066.369 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 1047171  | 263.609  | ug/l   | 94       |
| 52) Toluene                   | 8.720  | 92   | 333628   | 47.264   | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 199860   | 50.723   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 215537   | 49.426   | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 152363   | 51.195   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 234497   | 52.779   | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 241509   | 50.148   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 523197   | 252.185  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 819698   | 265.021  | ug/l   | 93       |
| 60) Dibromochloromethane      | 9.525  | 129  | 154980   | 52.274   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 163318   | 51.830   | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 114315   | 45.956   | ug/l   | 99       |
| 65) Chlorobenzene             | 10.080 | 112  | 366875   | 46.631   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 141073   | 50.598   | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 639204   | 46.861   | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 495386   | 93.986   | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 253750   | 48.009   | ug/l   | 97       |
| 70) Styrene                   | 10.653 | 104  | 422620   | 49.806   | ug/l   | 96       |
| 71) Bromoform                 | 10.799 | 173  | 117355   | 53.282   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 640769   | 47.192   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 298922   | 54.360   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 251365   | 52.639   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 266305   | 62.213   | ug/l   | 90       |
| 77) Bromobenzene              | 11.201 | 156  | 166589   | 49.570   | ug/l   | 88       |
| 78) n-propylbenzene           | 11.305 | 91   | 731257   | 47.688   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 449226   | 47.513   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 553021   | 48.229   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 68652    | 51.376   | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 514448   | 48.330   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 548305   | 47.313   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 557407   | 48.858   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 675383   | 48.037   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 565602   | 48.285   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 302086   | 48.221   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 302265   | 47.151   | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 497234   | 48.456   | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 96976    | 48.862   | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 313481   | 49.012   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 52637    | 55.298   | ug/l   | 77       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 186224   | 49.427   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 81876    | 46.536   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 677488   | 53.170   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 192231   | 49.580   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Sep 16 05:48:37 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 16 04:55:44 2023  
Response via : Initial Calibration

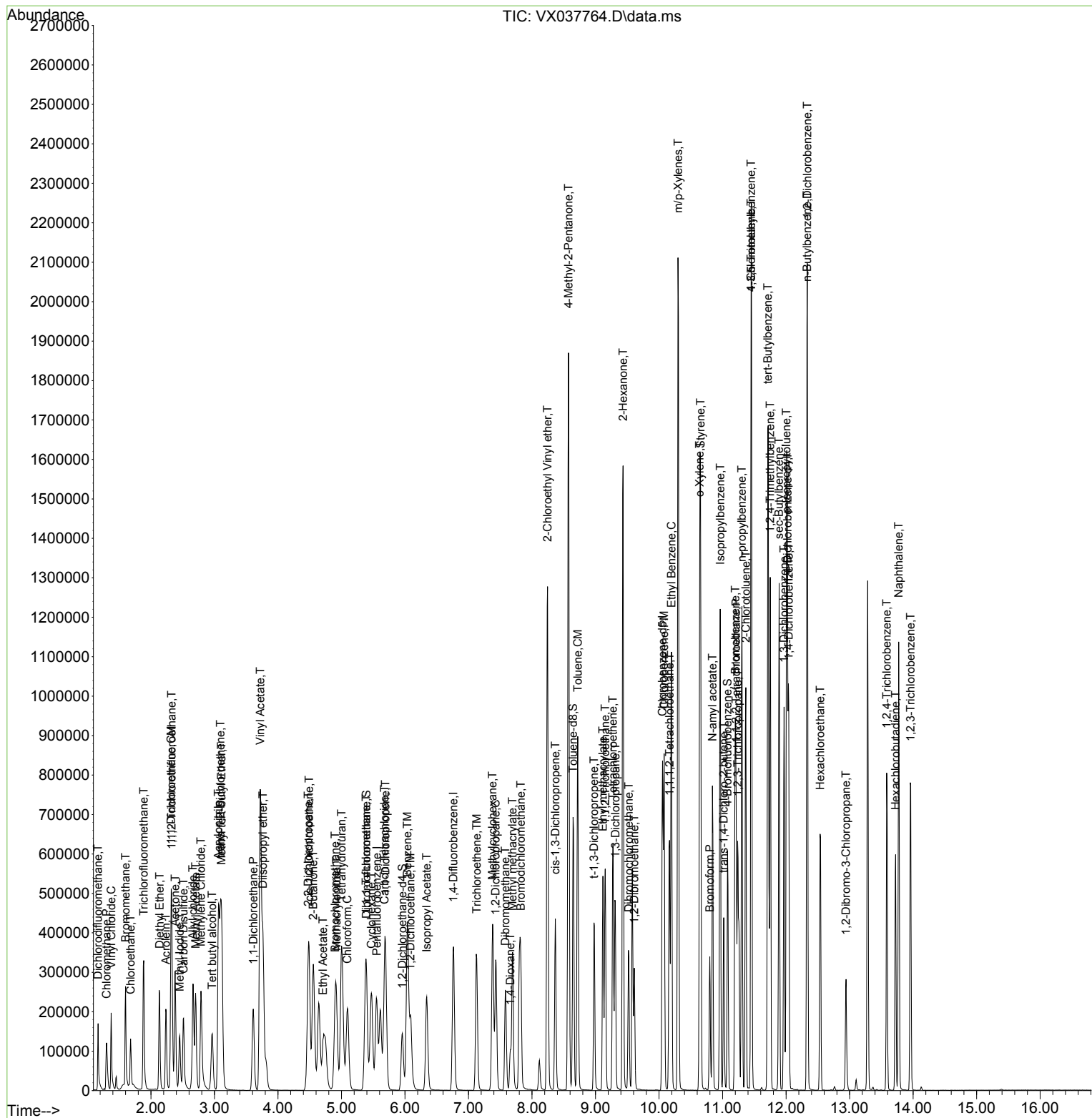
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

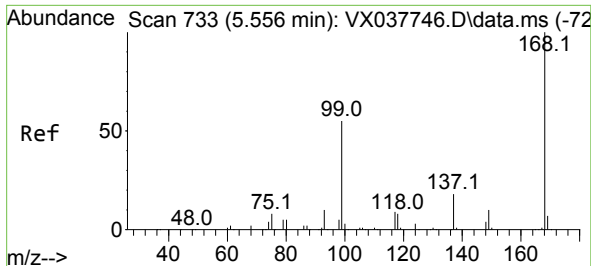
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091523\  
 Data File : VX037764.D  
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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

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 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

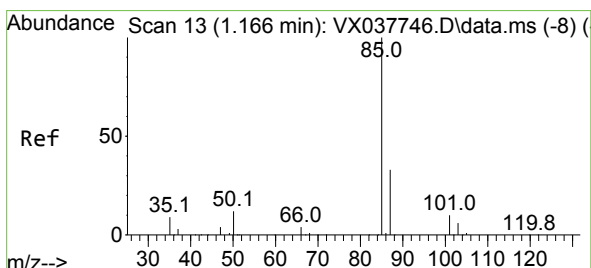
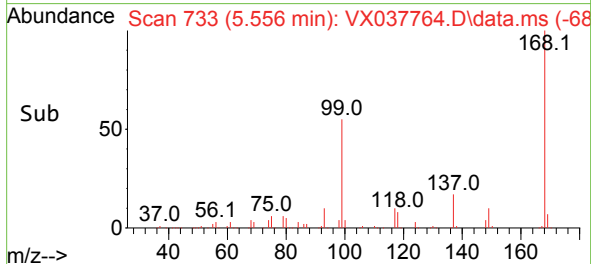
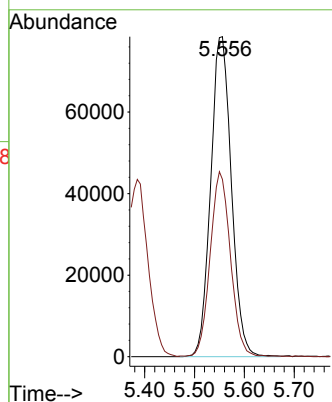
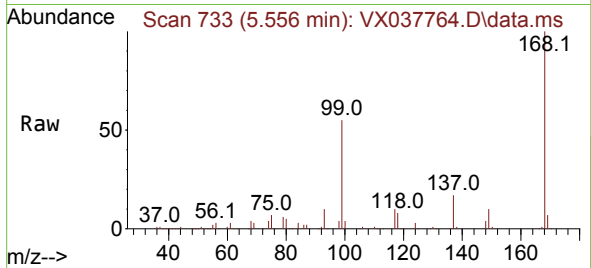




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

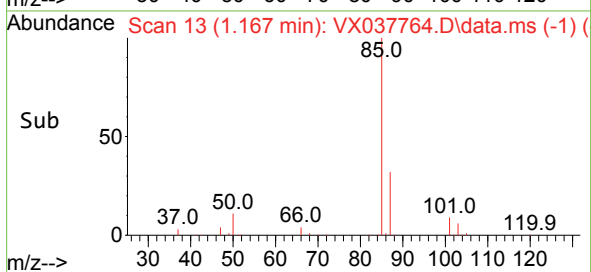
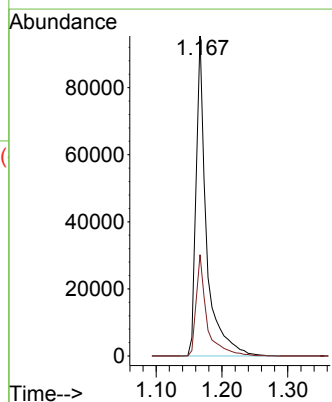
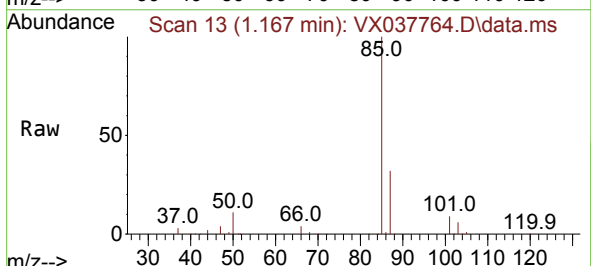
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

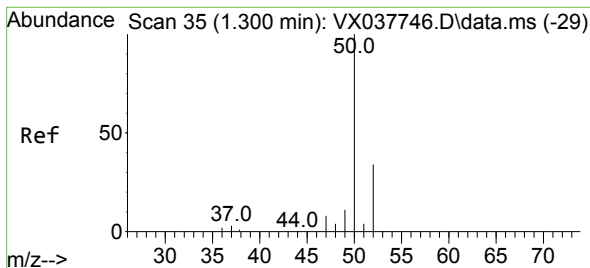
Tgt Ion:168 Resp: 226245  
Ion Ratio Lower Upper  
168 100  
99 55.3 56.6 85.0#



#2  
Dichlorodifluoromethane  
Concen: 43.740 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 85 Resp: 104305  
Ion Ratio Lower Upper  
85 100  
87 31.7 16.7 50.1





#3

Chloromethane

Concen: 47.716 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

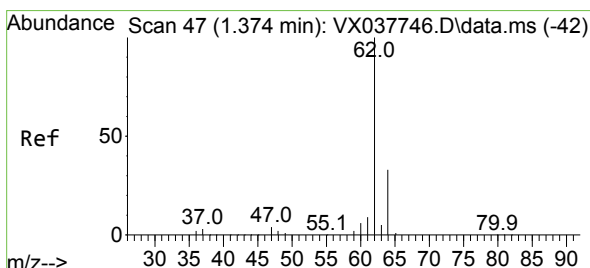
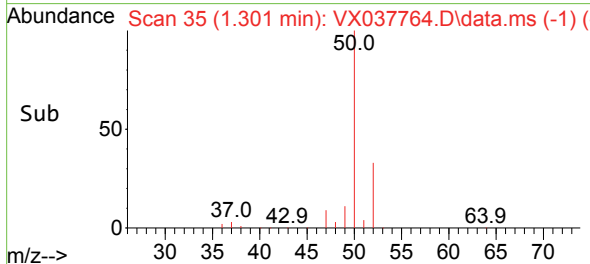
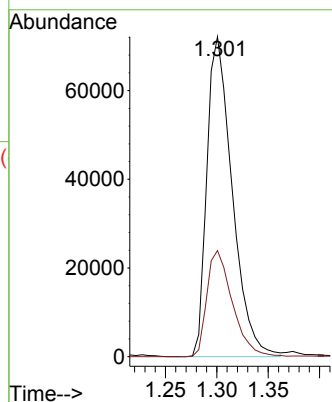
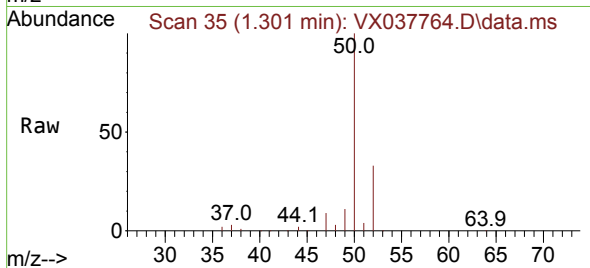
VSTDCCC050EC

Tgt Ion: 50 Resp: 123807

Ion Ratio Lower Upper

50 100

52 33.1 25.5 38.3



#4

Vinyl Chloride

Concen: 46.579 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX037764.D

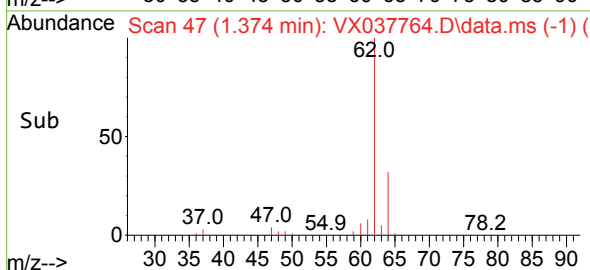
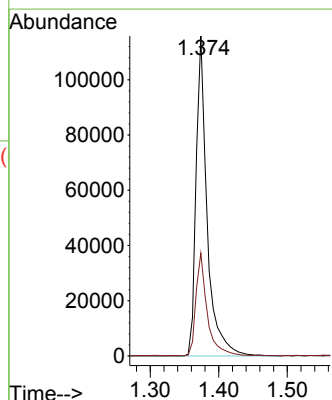
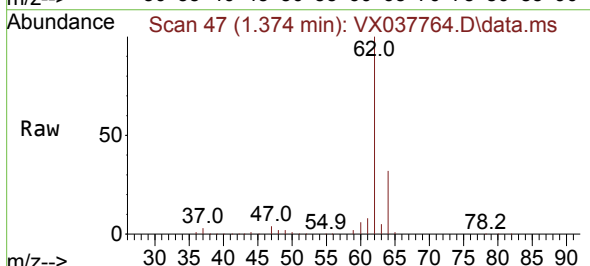
Acq: 15 Sep 2023 18:54

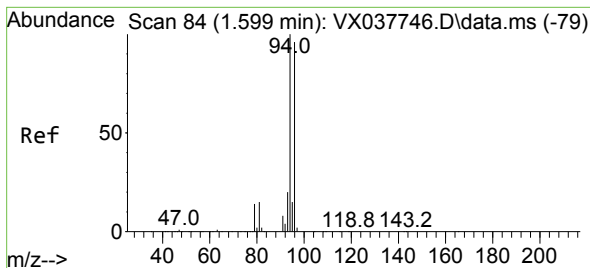
Tgt Ion: 62 Resp: 130384

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 50.273 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

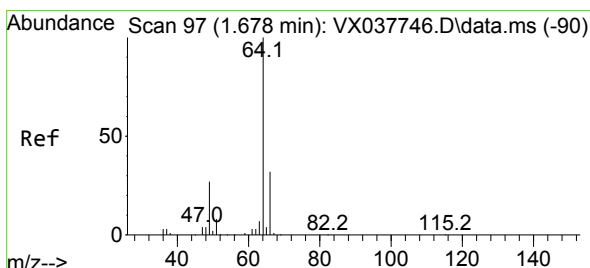
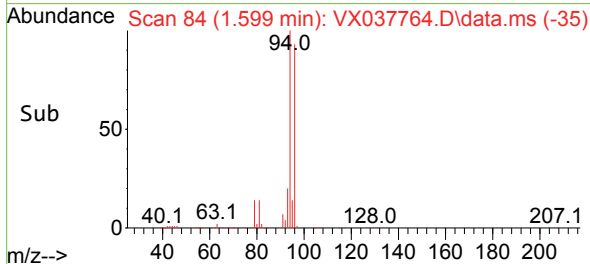
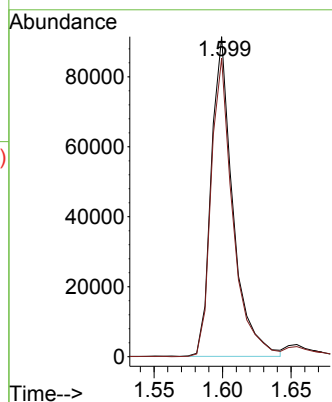
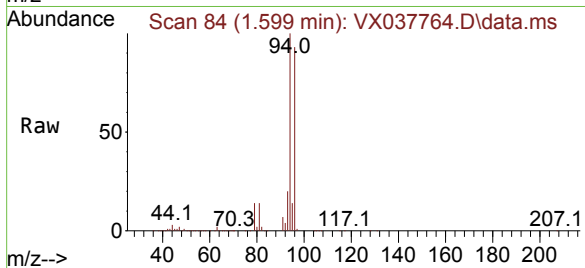
VSTDCCC050EC

Tgt Ion: 94 Resp: 100743

Ion Ratio Lower Upper

94 100

96 93.3 74.6 111.8



#6

Chloroethane

Concen: 48.317 ug/l

RT: 1.679 min Scan# 97

Delta R.T. -0.006 min

Lab File: VX037764.D

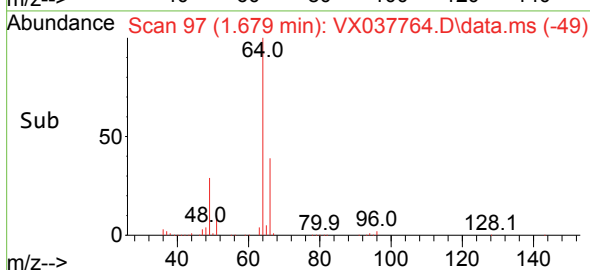
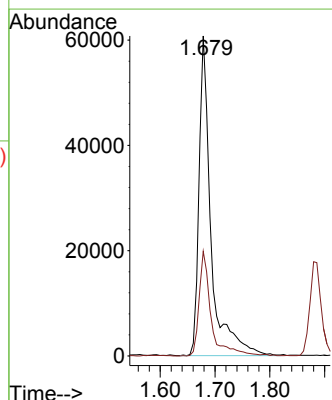
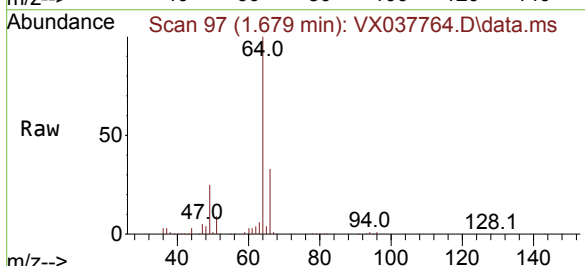
Acq: 15 Sep 2023 18:54

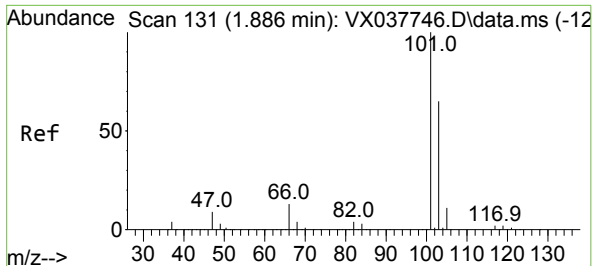
Tgt Ion: 64 Resp: 93174

Ion Ratio Lower Upper

64 100

66 32.8 25.1 37.7

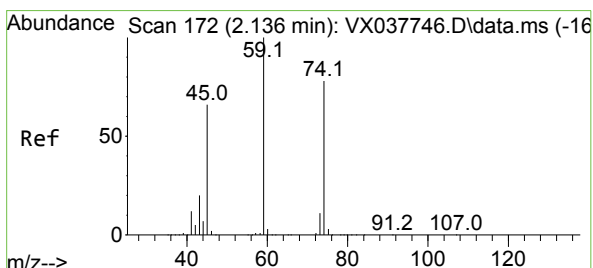
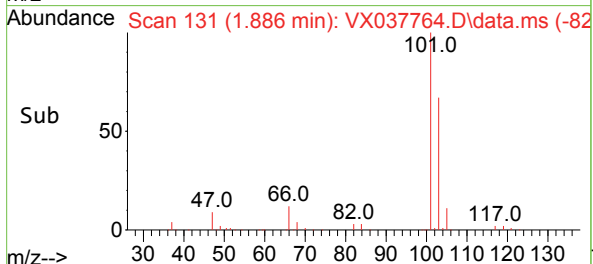
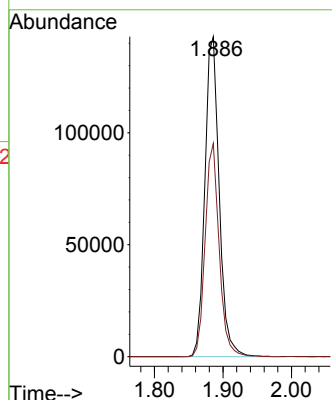
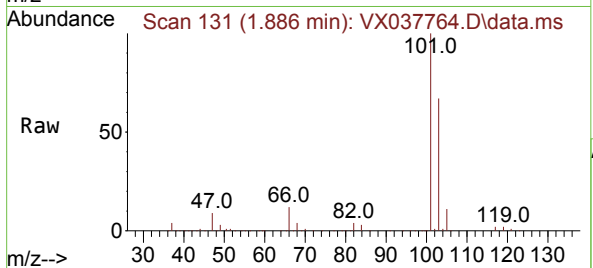




#7  
 Trichlorofluoromethane  
 Concen: 46.314 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX037764.D  
 Acq: 15 Sep 2023 18:54

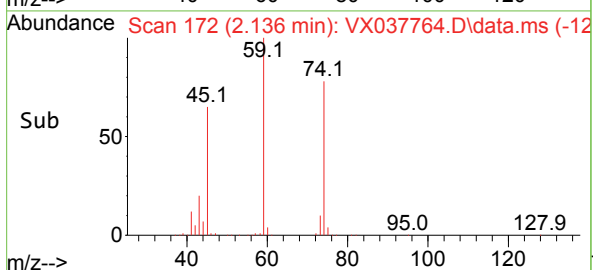
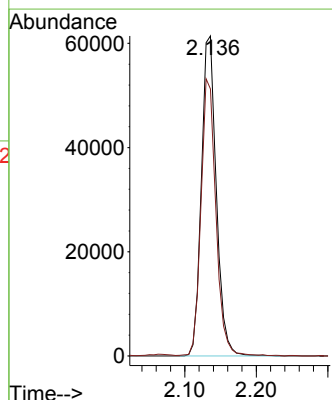
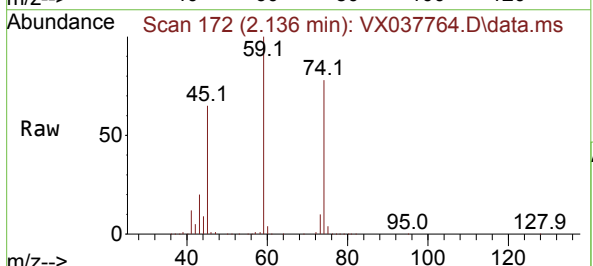
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

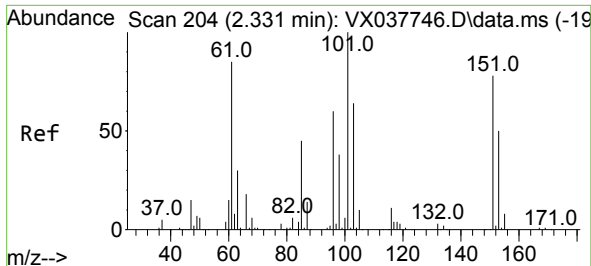
Tgt Ion:101 Resp: 208421  
 Ion Ratio Lower Upper  
 101 100  
 103 66.6 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 51.080 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.006 min  
 Lab File: VX037764.D  
 Acq: 15 Sep 2023 18:54

Tgt Ion: 74 Resp: 89058  
 Ion Ratio Lower Upper  
 74 100  
 45 86.7 53.3 159.8

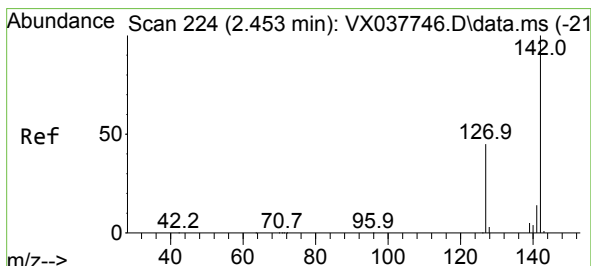
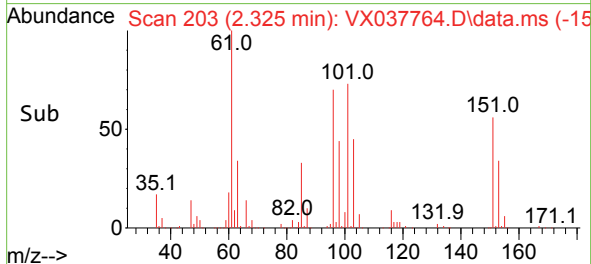
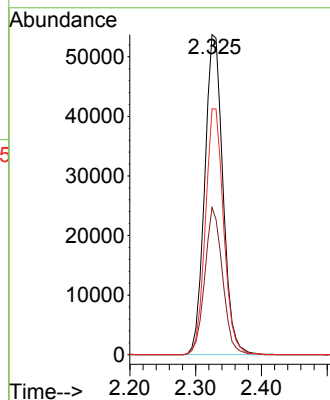
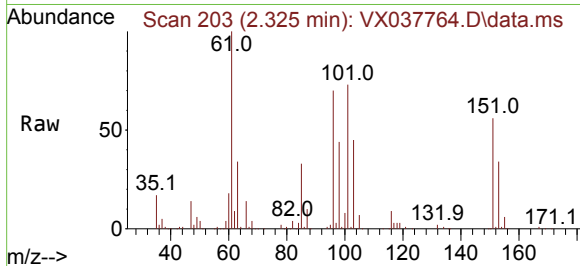




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.359 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

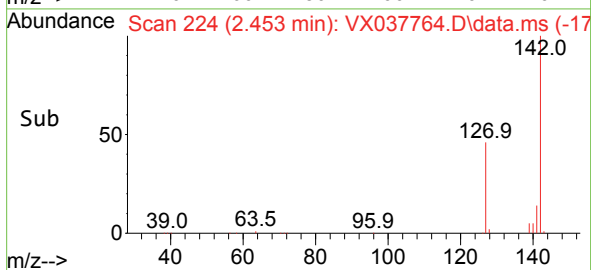
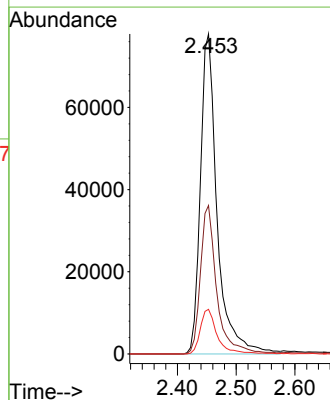
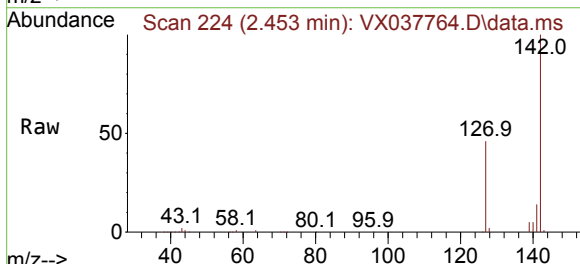
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

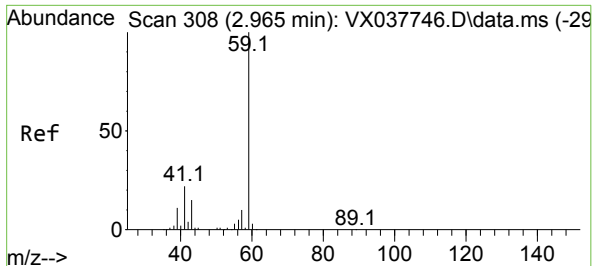
Tgt Ion:101 Resp: 103592  
Ion Ratio Lower Upper  
101 100  
85 44.7 37.0 55.6  
151 76.8 58.6 87.8



#10  
Methyl Iodide  
Concen: 50.983 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion:142 Resp: 154088  
Ion Ratio Lower Upper  
142 100  
127 45.3 41.6 62.4  
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 271.726 ug/l

RT: 2.965 min Scan# 308

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

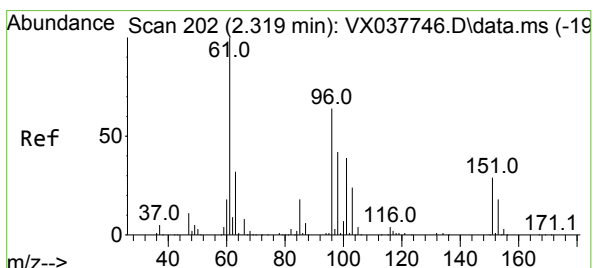
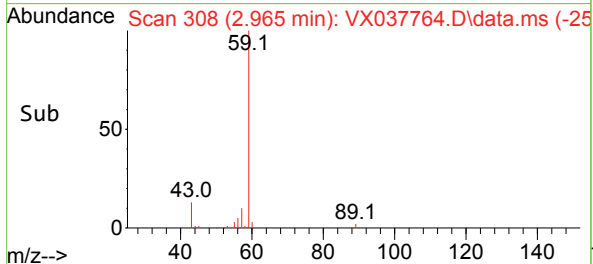
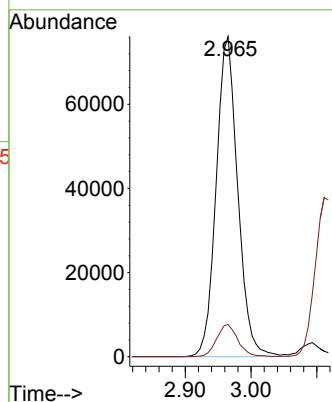
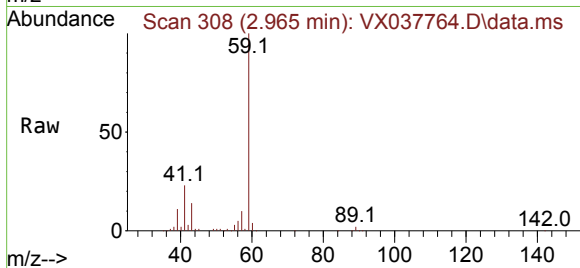
VSTDCCC050EC

Tgt Ion: 59 Resp: 173373

Ion Ratio Lower Upper

59 100

57 9.9 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 47.328 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

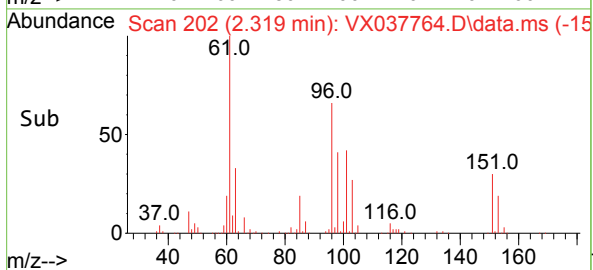
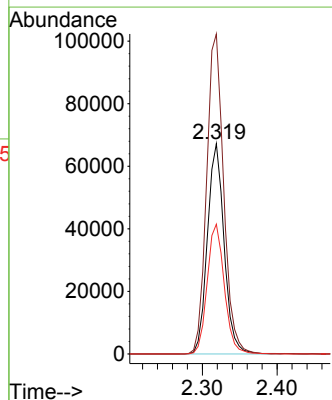
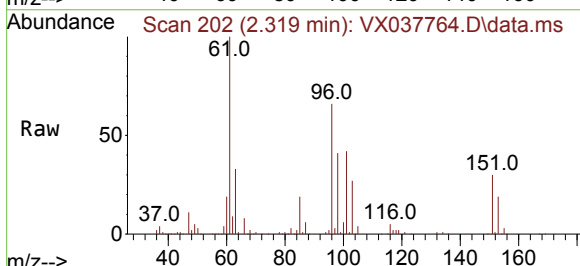
Tgt Ion: 96 Resp: 104462

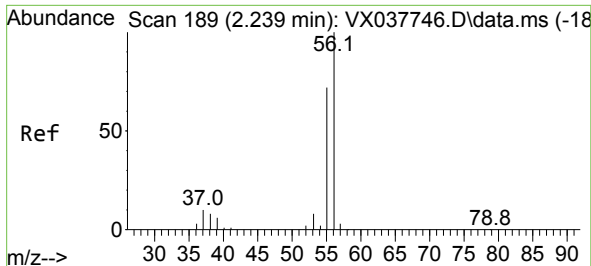
Ion Ratio Lower Upper

96 100

61 152.2 144.6 216.8

98 61.7 50.4 75.6

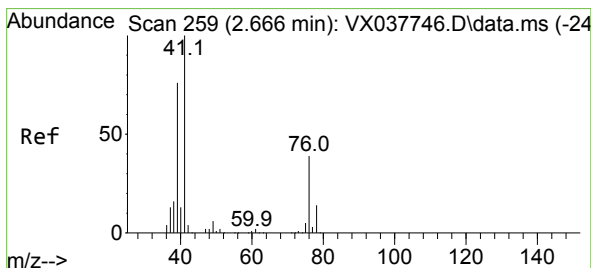
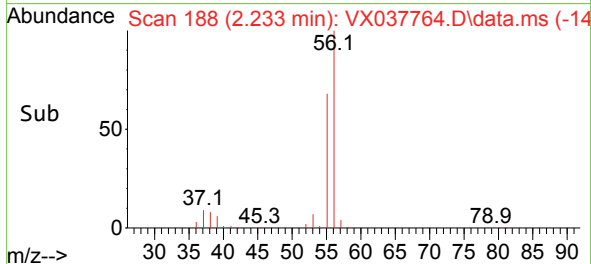
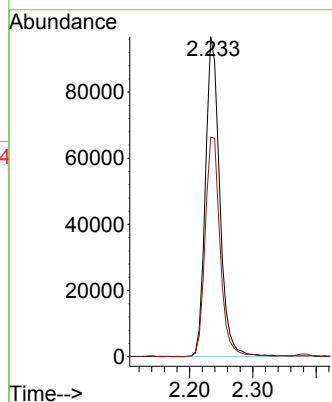
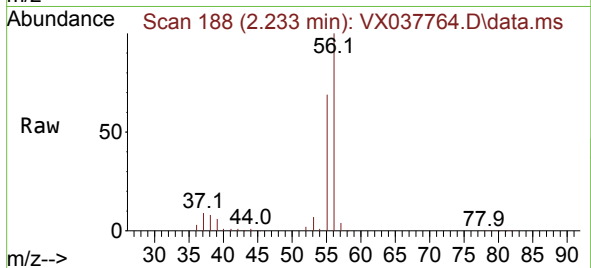




#13  
Acrolein  
Concen: 242.383 ug/l  
RT: 2.233 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

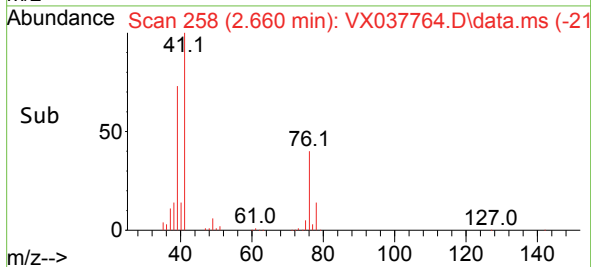
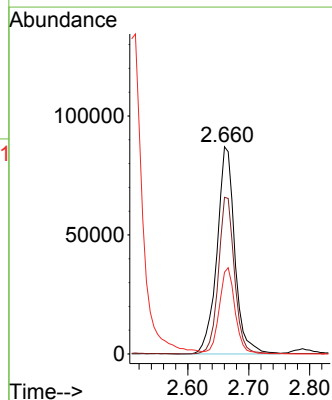
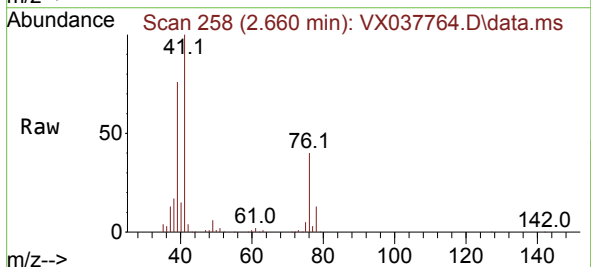
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

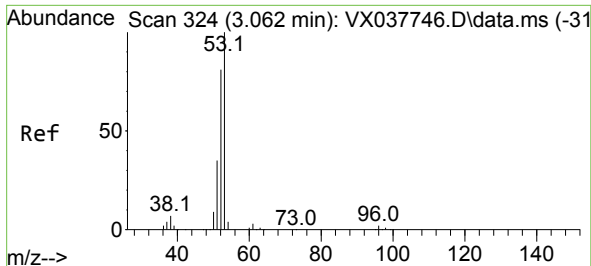
Tgt Ion: 56 Resp: 152781  
Ion Ratio Lower Upper  
56 100  
55 71.4 57.1 85.7



#14  
Allyl chloride  
Concen: 48.380 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 41 Resp: 177853  
Ion Ratio Lower Upper  
41 100  
39 68.0 55.8 83.6  
76 36.7 24.3 36.5#

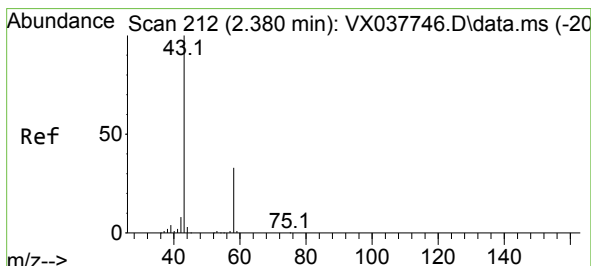
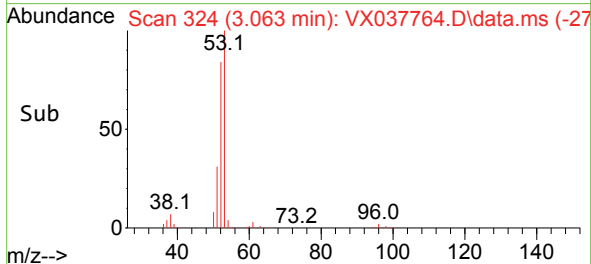
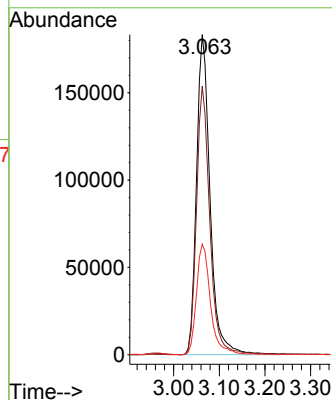
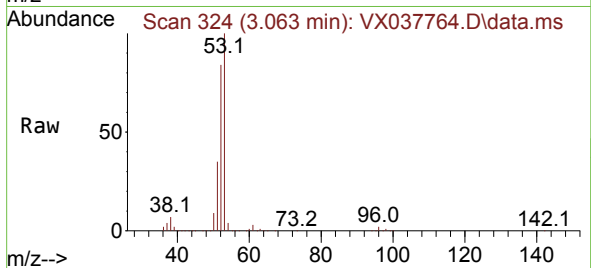




#15  
Acrylonitrile  
Concen: 266.432 ug/l  
RT: 3.063 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

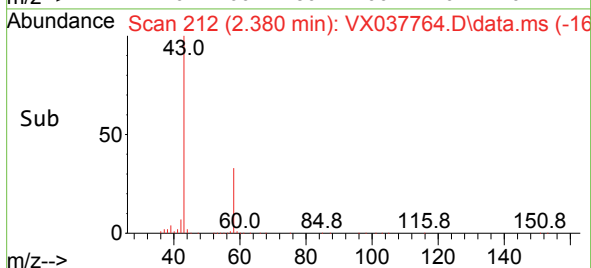
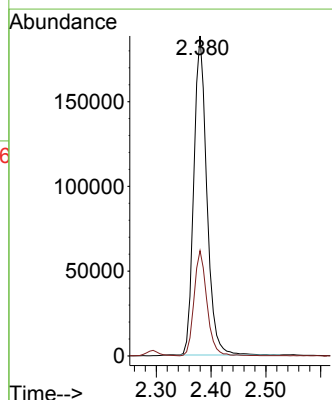
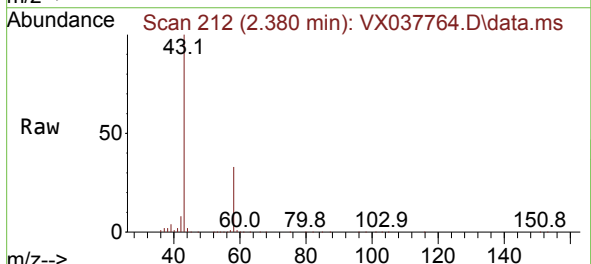
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

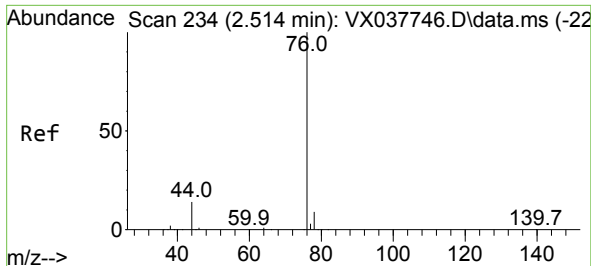
Tgt Ion: 53 Resp: 377961  
Ion Ratio Lower Upper  
53 100  
52 82.4 66.0 99.0  
51 36.1 29.8 44.6



#16  
Acetone  
Concen: 217.977 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 43 Resp: 311699  
Ion Ratio Lower Upper  
43 100  
58 32.9 21.9 32.9#

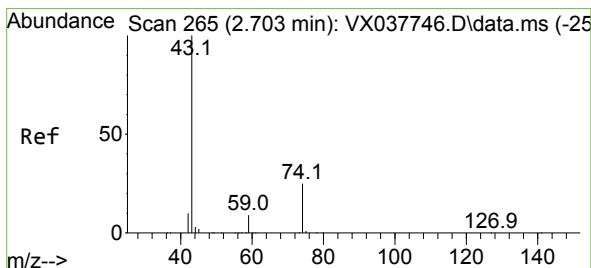
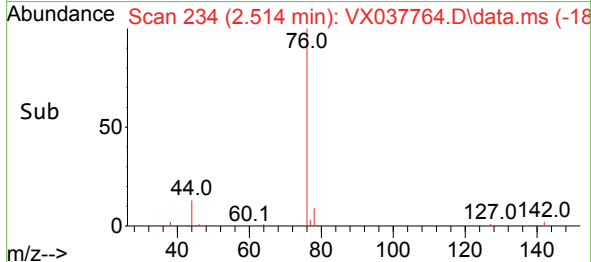
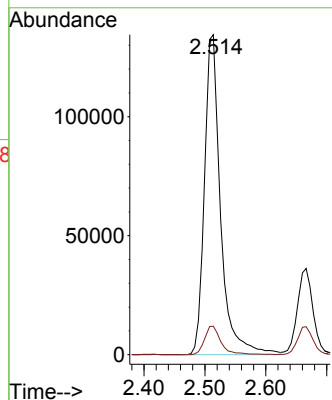
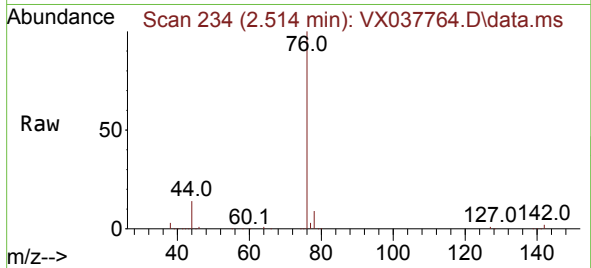




#17  
Carbon Disulfide  
Concen: 44.698 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

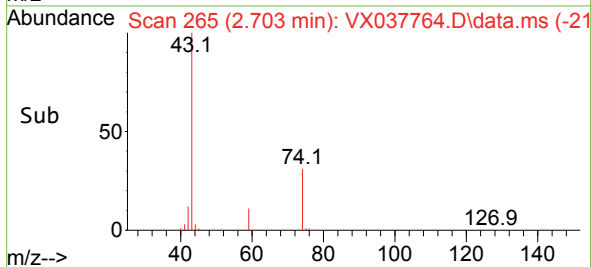
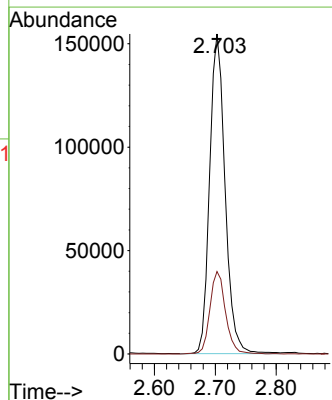
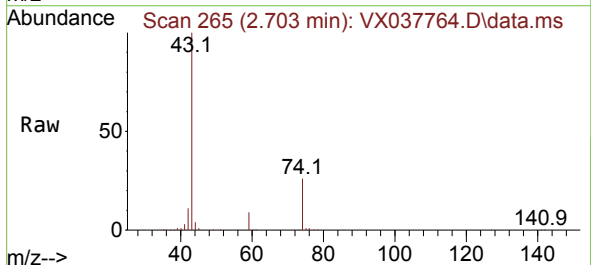
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

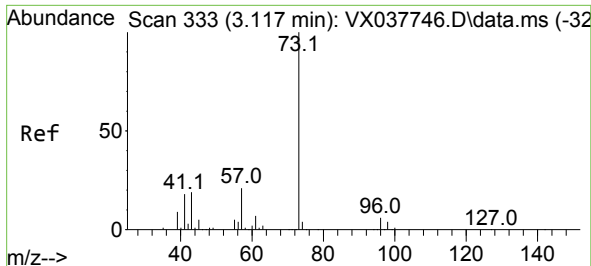
Tgt Ion: 76 Resp: 247357  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.0 10.6



#18  
Methyl Acetate  
Concen: 52.719 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 43 Resp: 271951  
Ion Ratio Lower Upper  
43 100  
74 26.2 17.8 26.8

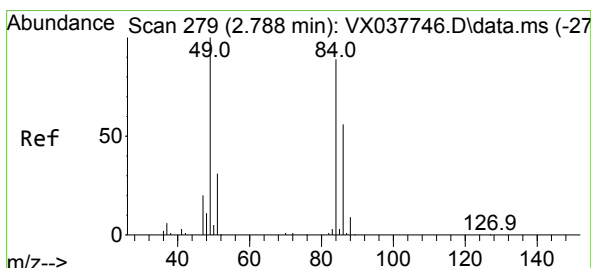
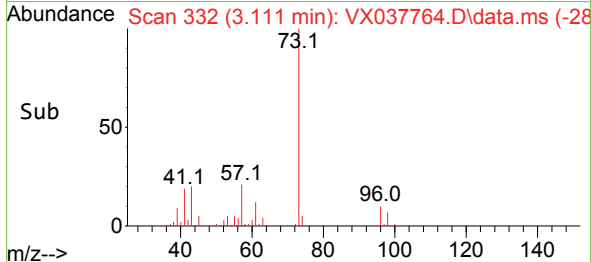
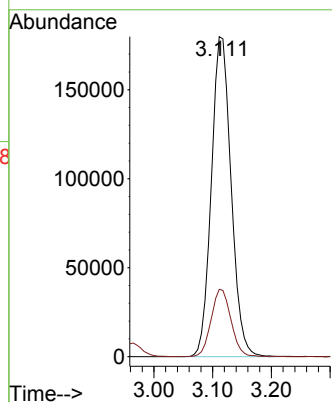
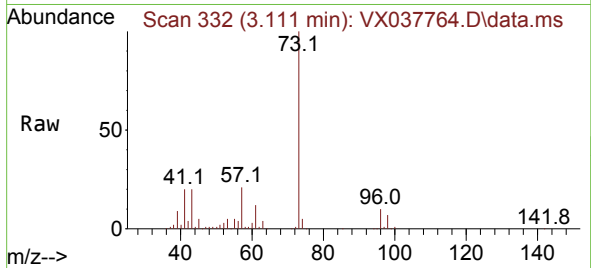




#19  
Methyl tert-butyl Ether  
Concen: 51.786 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.012 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

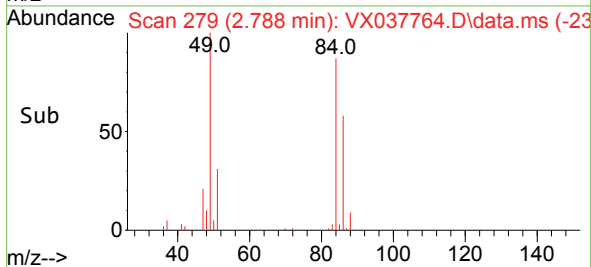
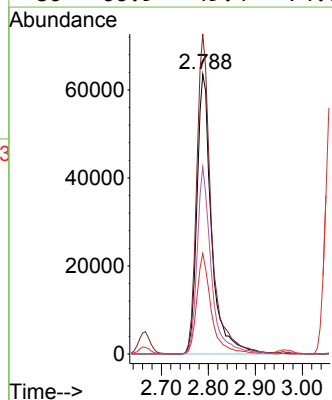
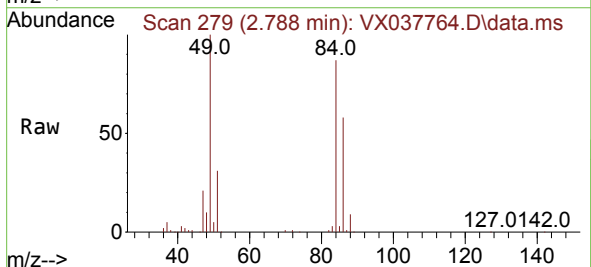
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

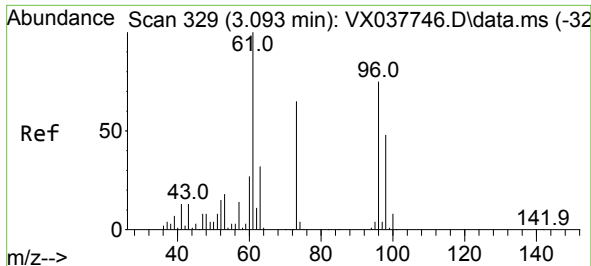
Tgt Ion: 73 Resp: 420475  
Ion Ratio Lower Upper  
73 100  
57 21.0 17.3 25.9



#20  
Methylene Chloride  
Concen: 52.109 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 84 Resp: 137759  
Ion Ratio Lower Upper  
84 100  
49 114.4 103.6 155.4  
51 35.9 33.8 50.6  
86 66.9 49.4 74.0

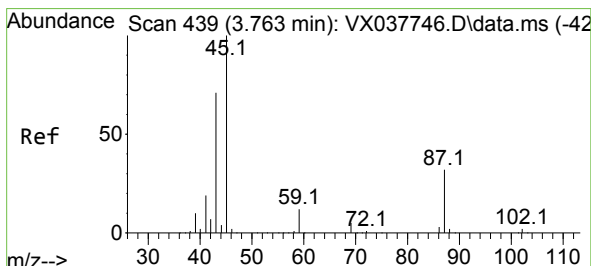
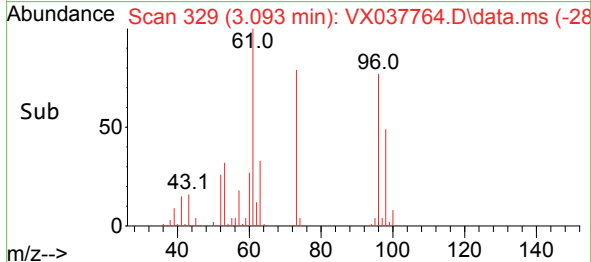
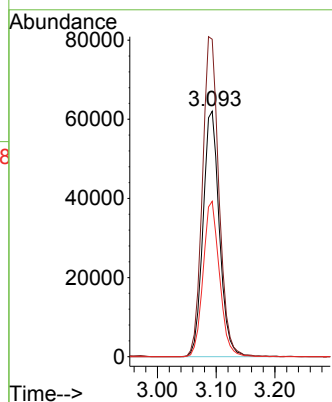
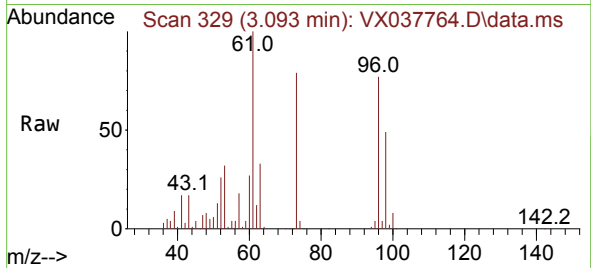




#21  
trans-1,2-Dichloroethene  
Concen: 49.044 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

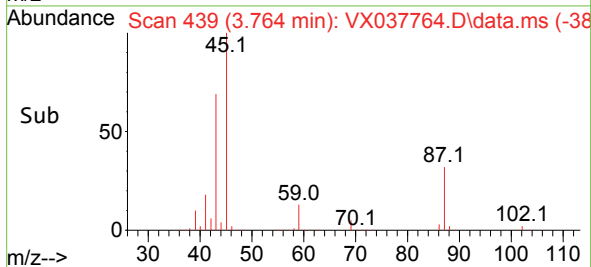
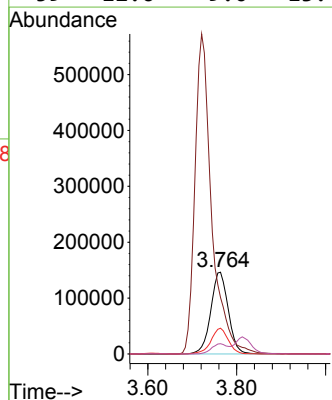
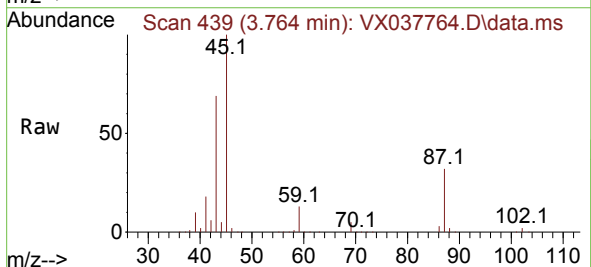
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

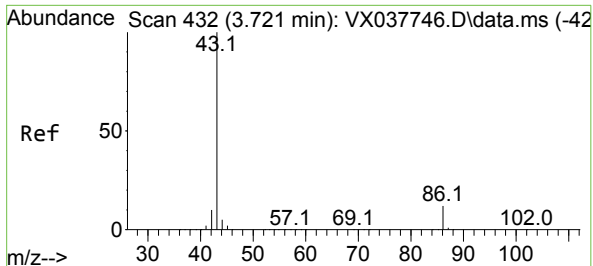
Tgt Ion: 96 Resp: 120204  
Ion Ratio Lower Upper  
96 100  
61 129.3 119.2 178.8  
98 63.3 48.7 73.1



#22  
Diisopropyl ether  
Concen: 52.123 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 45 Resp: 399122  
Ion Ratio Lower Upper  
45 100  
43 68.9 69.7 104.5#  
87 31.5 20.8 31.2#  
59 12.6 9.0 13.4

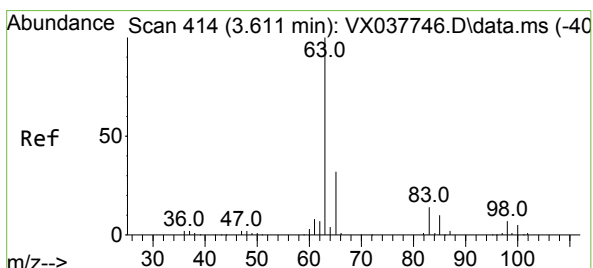
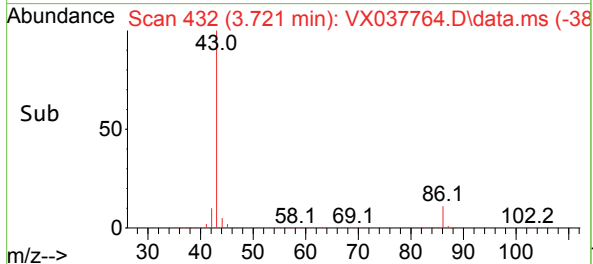
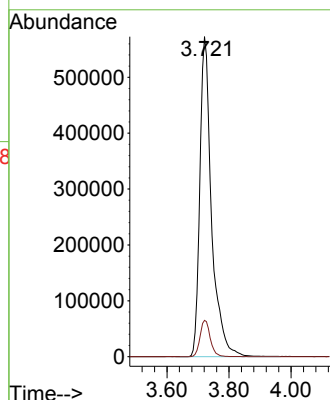
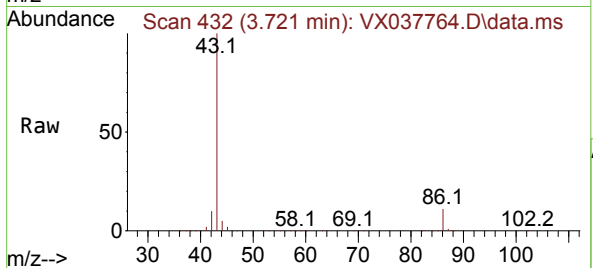




#23  
 Vinyl Acetate  
 Concen: 266.686 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: VX037764.D  
 Acq: 15 Sep 2023 18:54

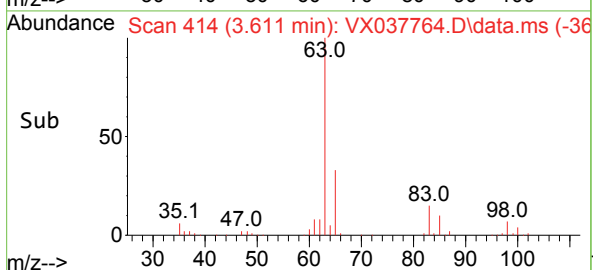
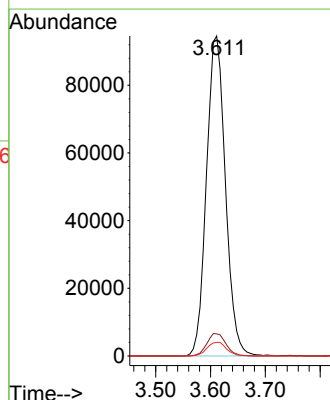
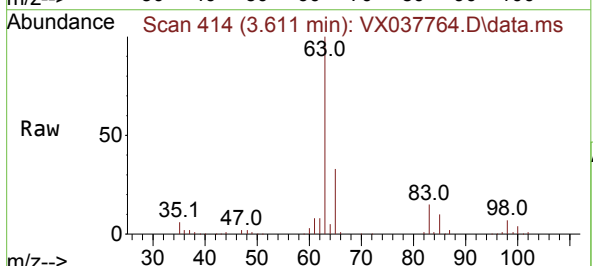
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

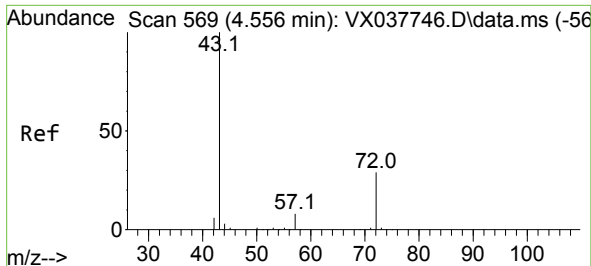
Tgt Ion: 43 Resp: 1502080  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 49.484 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX037764.D  
 Acq: 15 Sep 2023 18:54

Tgt Ion: 63 Resp: 227064  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.3 9.8  
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 254.101 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.012 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

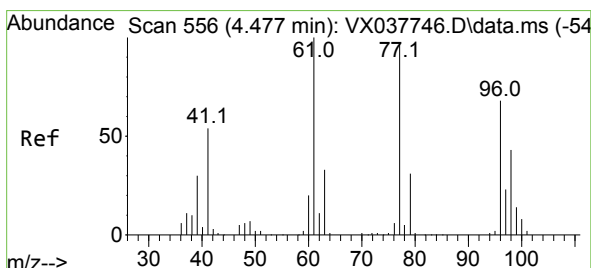
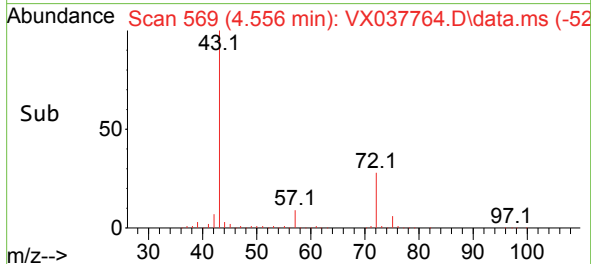
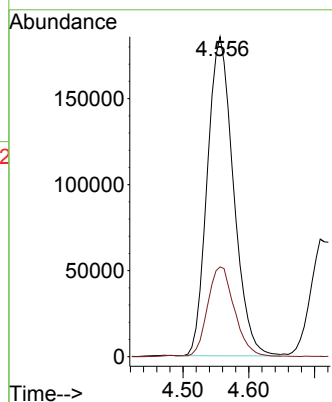
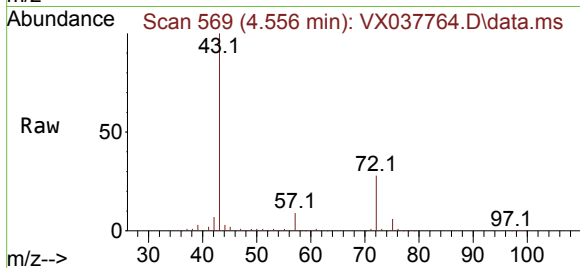
VSTDCCC050EC

Tgt Ion: 43 Resp: 512752

Ion Ratio Lower Upper

43 100

72 28.0 19.4 29.2



#26

2,2-Dichloropropane

Concen: 41.407 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX037764.D

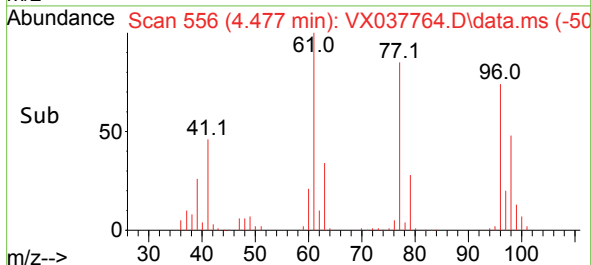
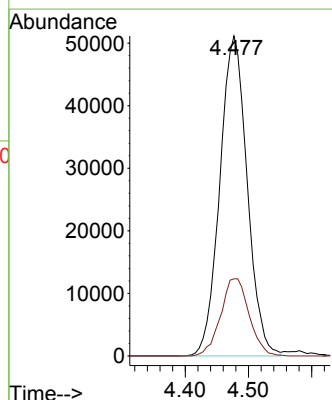
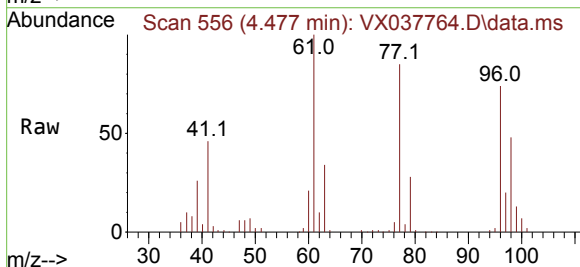
Acq: 15 Sep 2023 18:54

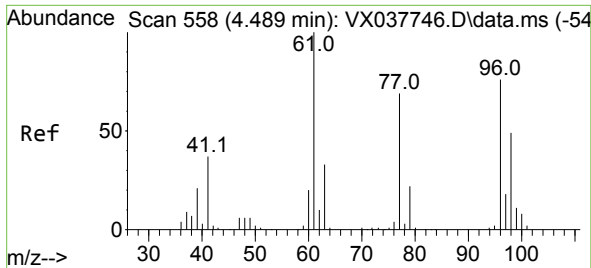
Tgt Ion: 77 Resp: 153525

Ion Ratio Lower Upper

77 100

97 25.2 10.8 32.3

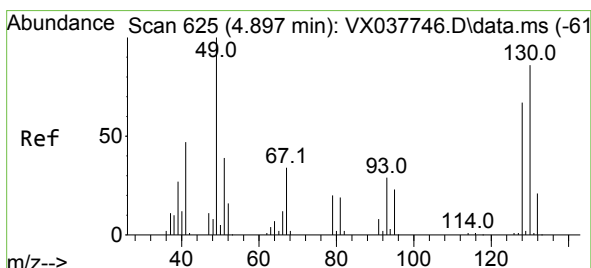
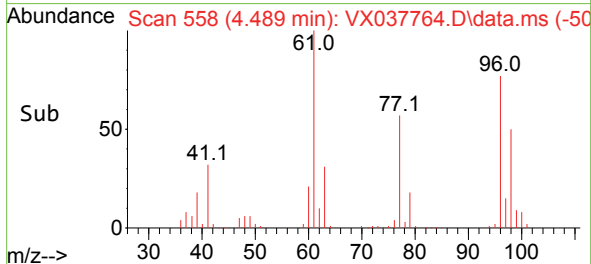
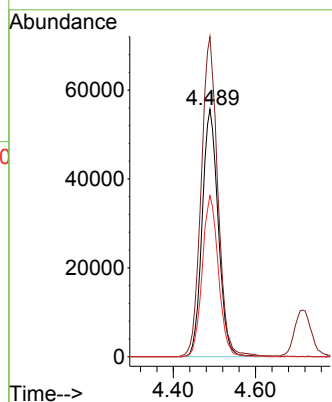
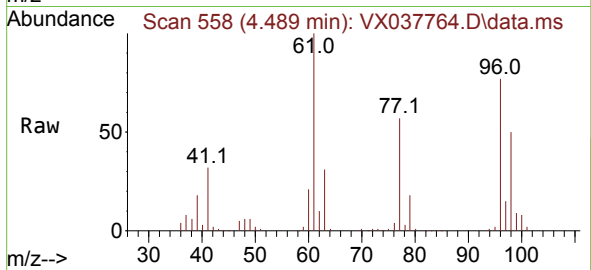




#27  
 cis-1,2-Dichloroethene  
 Concen: 50.145 ug/l  
 RT: 4.489 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VX037764.D  
 Acq: 15 Sep 2023 18:54

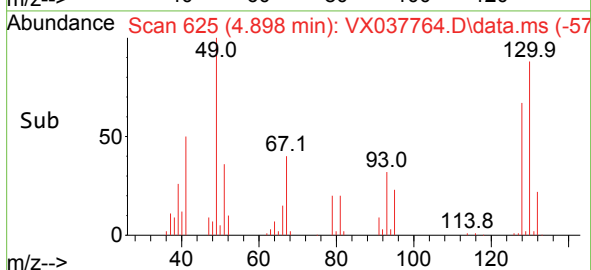
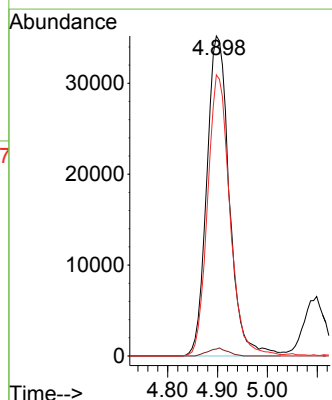
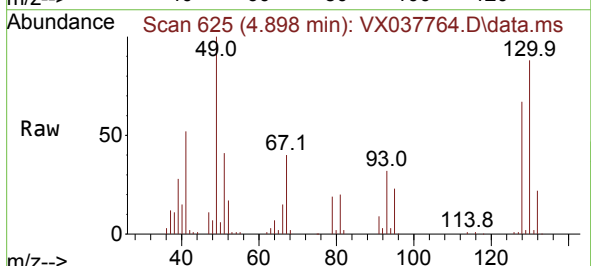
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

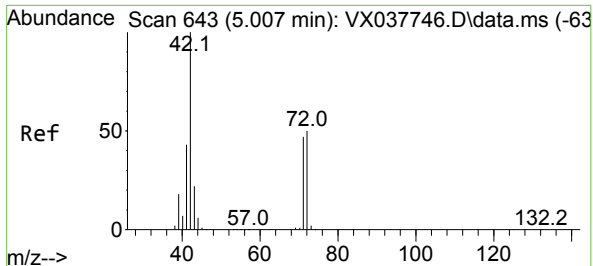
Tgt Ion: 96 Resp: 150672  
 Ion Ratio Lower Upper  
 96 100  
 61 133.9 0.0 312.2  
 98 65.4 0.0 129.0



#28  
 Bromochloromethane  
 Concen: 51.718 ug/l  
 RT: 4.898 min Scan# 625  
 Delta R.T. -0.006 min  
 Lab File: VX037764.D  
 Acq: 15 Sep 2023 18:54

Tgt Ion: 49 Resp: 110711  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 3.8  
 130 86.8 57.5 86.3#

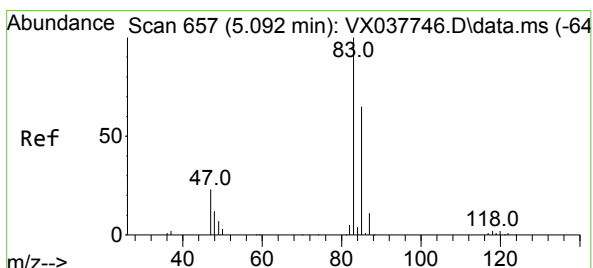
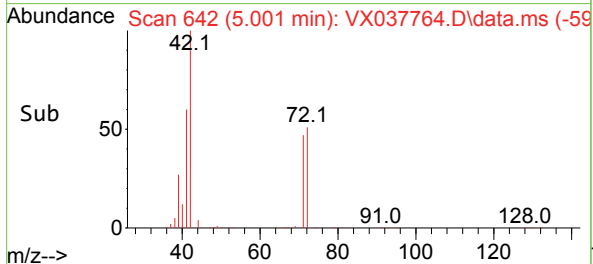
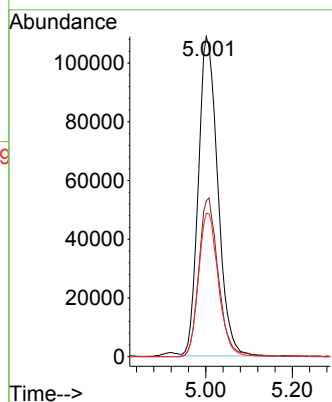
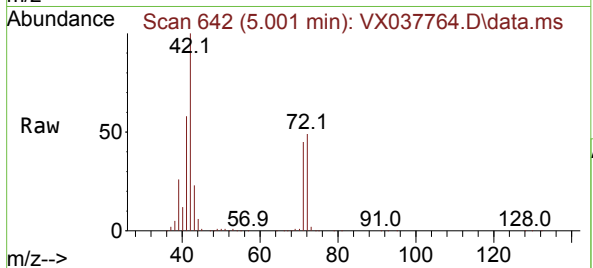




#29  
Tetrahydrofuran  
Concen: 269.497 ug/l  
RT: 5.001 min Scan# 643  
Delta R.T. -0.012 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

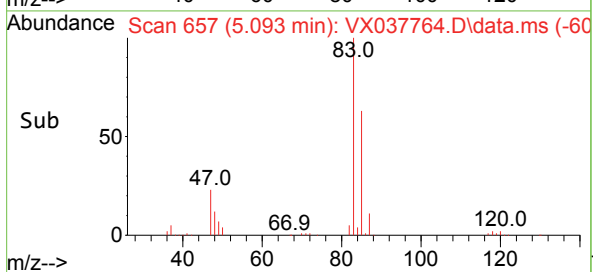
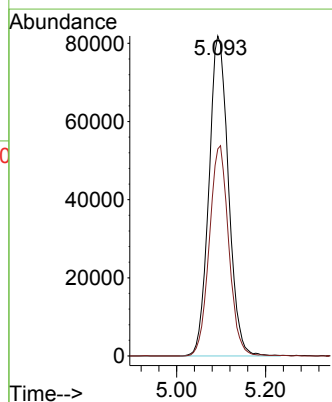
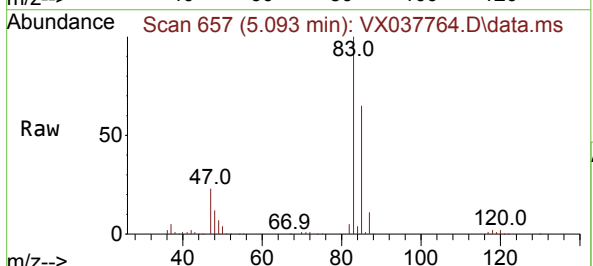
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

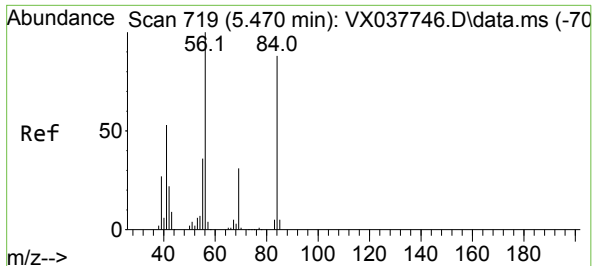
Tgt Ion: 42 Resp: 338266  
Ion Ratio Lower Upper  
42 100  
72 49.9 34.2 51.4  
71 45.9 32.2 48.2



#30  
Chloroform  
Concen: 50.622 ug/l  
RT: 5.093 min Scan# 657  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 83 Resp: 250230  
Ion Ratio Lower Upper  
83 100  
85 64.7 50.3 75.5

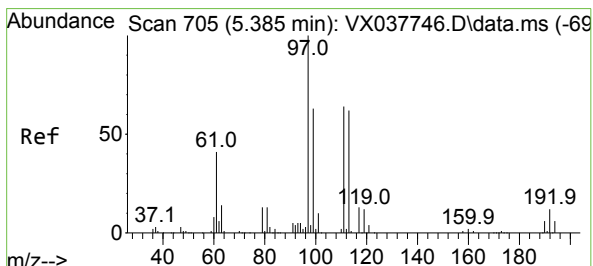
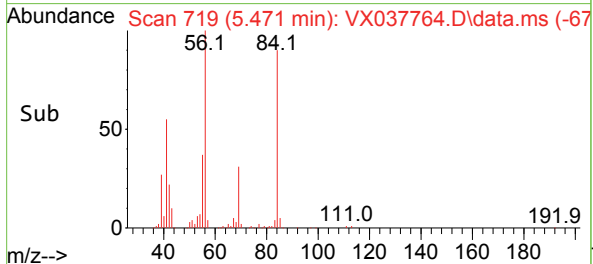
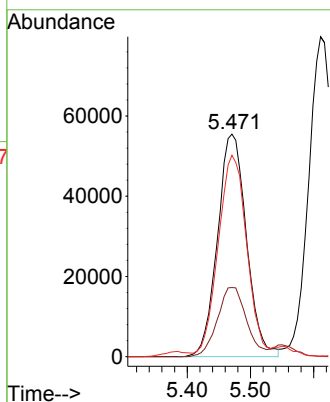
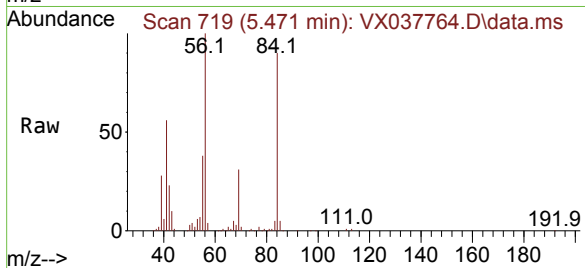




#31  
Cyclohexane  
Concen: 46.076 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

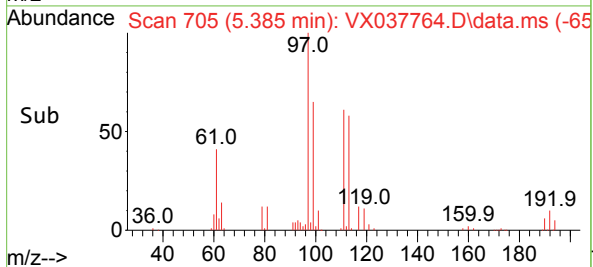
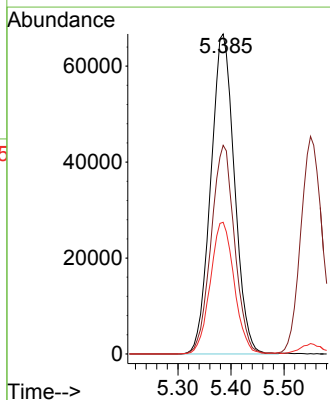
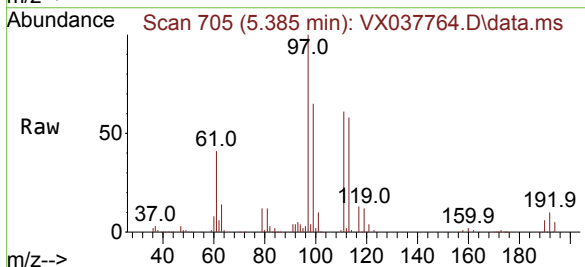
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

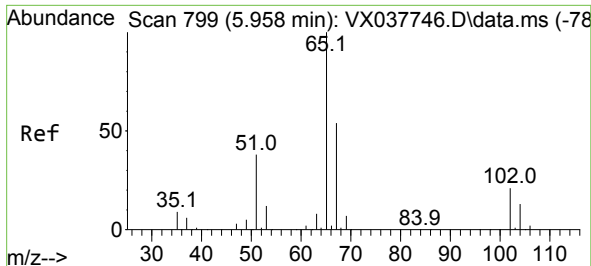
Tgt Ion: 56 Resp: 175792  
Ion Ratio Lower Upper  
56 100  
69 31.1 23.4 35.2  
84 88.1 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 49.380 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 97 Resp: 206677  
Ion Ratio Lower Upper  
97 100  
99 64.9 51.1 76.7  
61 41.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.561 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

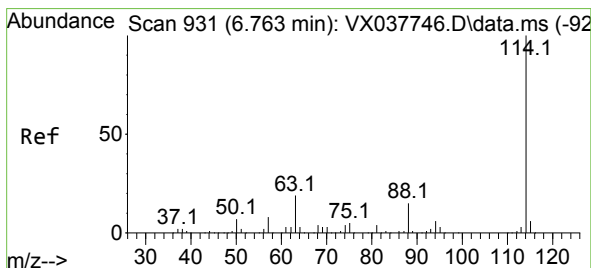
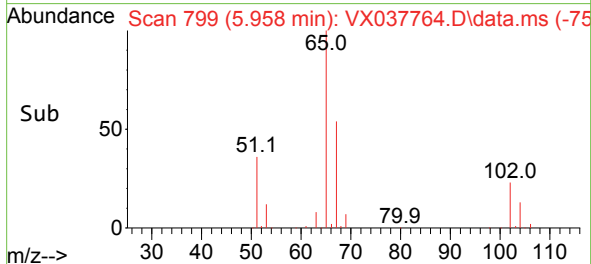
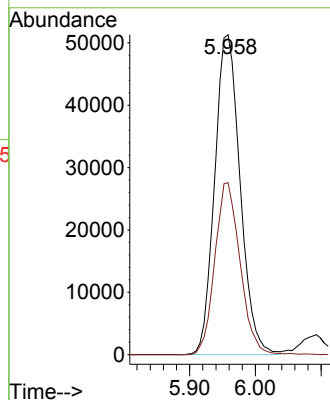
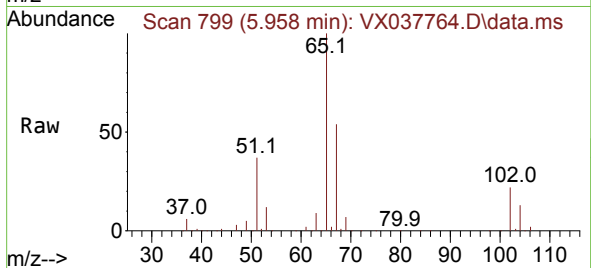
VSTDCCC050EC

Tgt Ion: 65 Resp: 138403

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

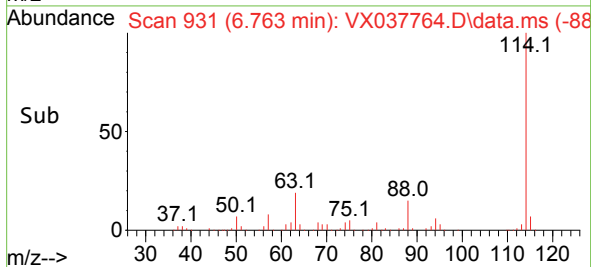
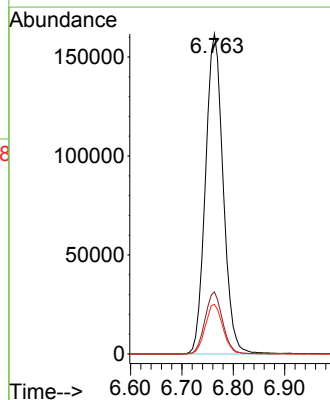
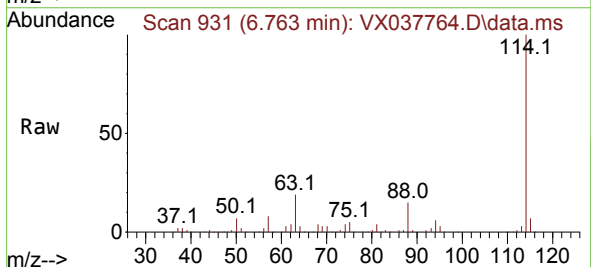
Tgt Ion: 114 Resp: 386423

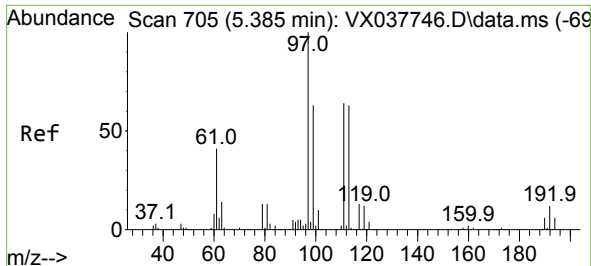
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 15.5 0.0 36.6

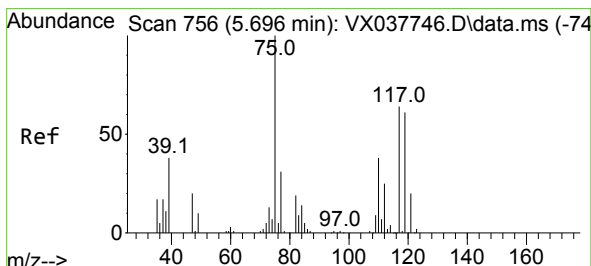
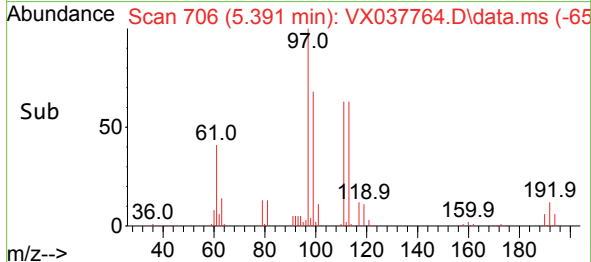
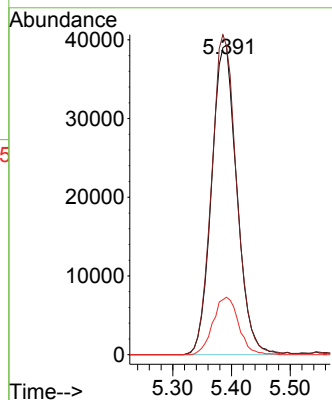
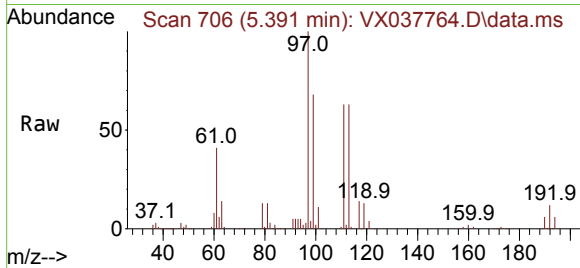




#35  
Dibromofluoromethane  
Concen: 45.349 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

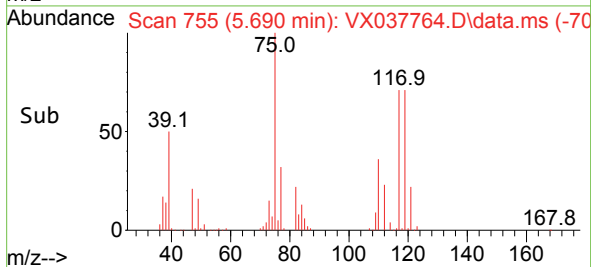
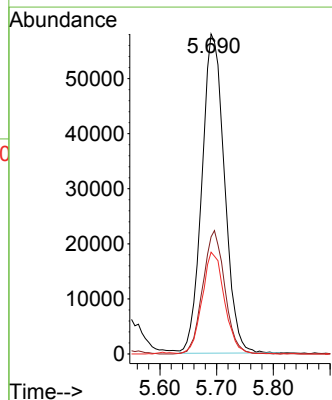
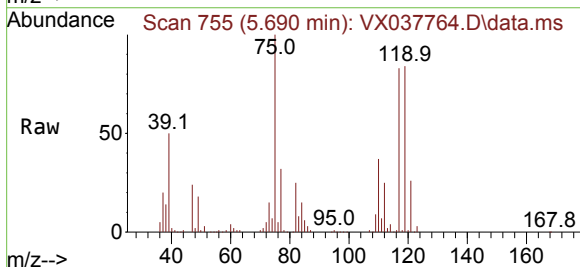
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

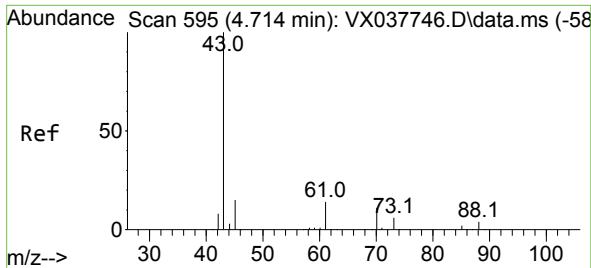
Tgt Ion:113 Resp: 117254  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.9 124.3  
192 18.8 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 45.025 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 75 Resp: 160368  
Ion Ratio Lower Upper  
75 100  
110 37.7 17.0 50.9  
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 51.470 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.024 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

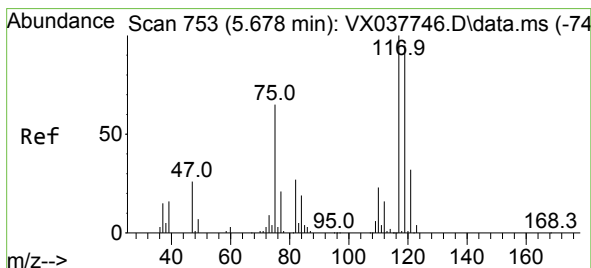
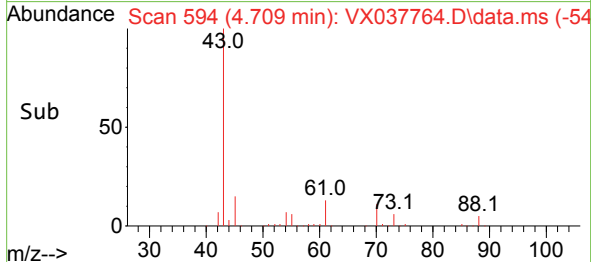
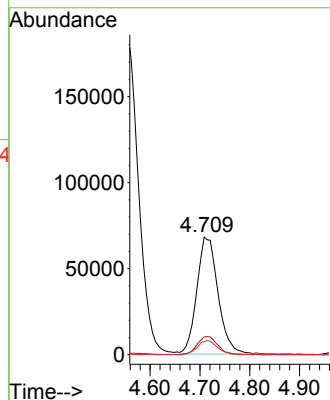
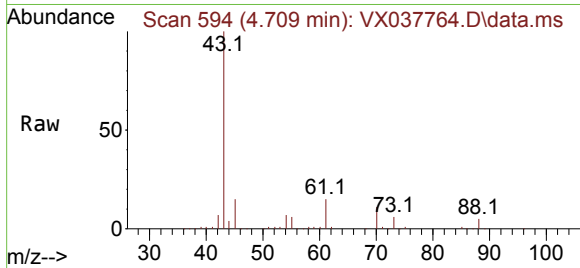
Tgt Ion: 43 Resp: 201537

Ion Ratio Lower Upper

43 100

61 14.6 10.6 16.0

70 11.5 8.3 12.5



#38

Carbon Tetrachloride

Concen: 46.016 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

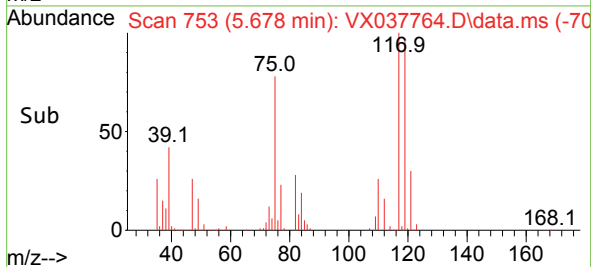
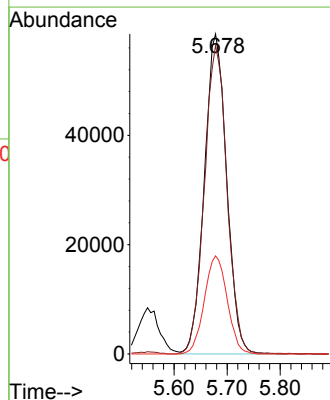
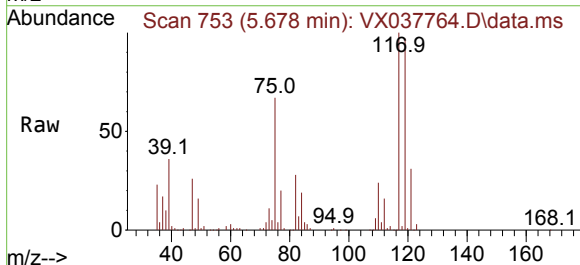
Tgt Ion: 117 Resp: 171488

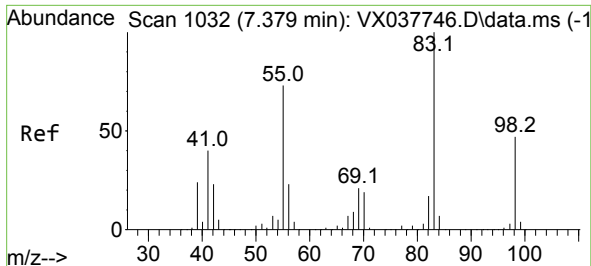
Ion Ratio Lower Upper

117 100

119 96.3 78.2 117.2

121 30.6 24.4 36.6





#39

Methylcyclohexane

Concen: 44.090 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

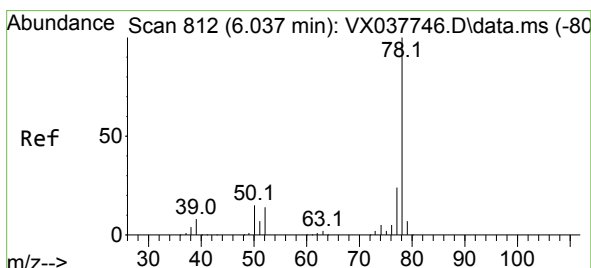
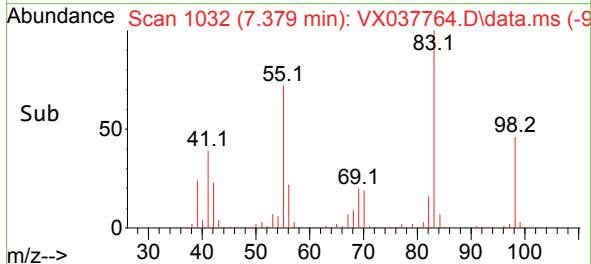
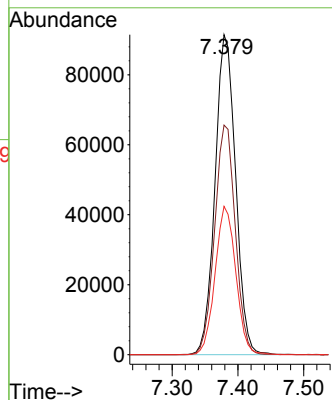
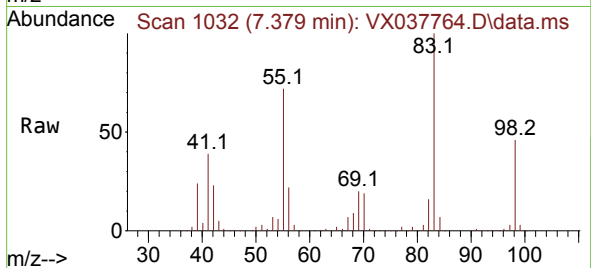
Tgt Ion: 83 Resp: 199310

Ion Ratio Lower Upper

83 100

55 71.7 64.6 97.0

98 46.3 36.7 55.1



#40

Benzene

Concen: 48.067 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX037764.D

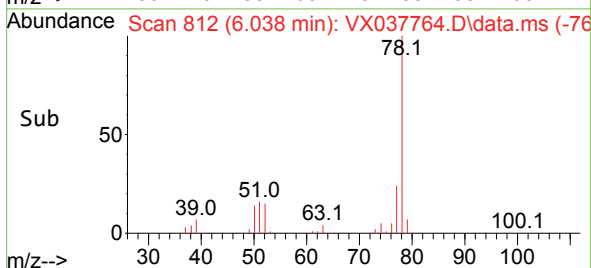
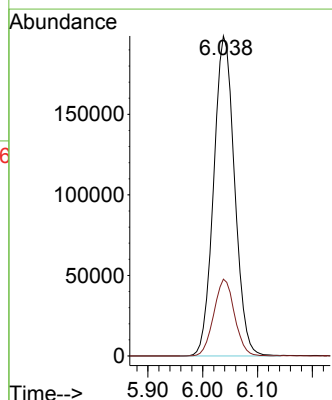
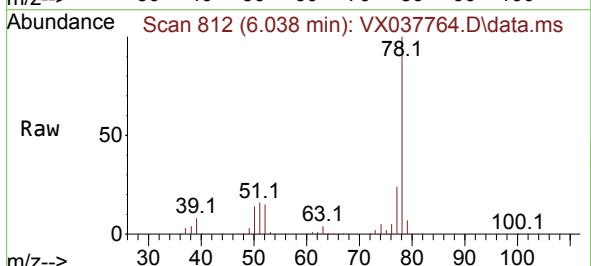
Acq: 15 Sep 2023 18:54

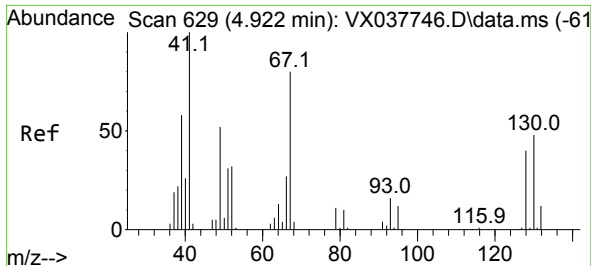
Tgt Ion: 78 Resp: 526476

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9

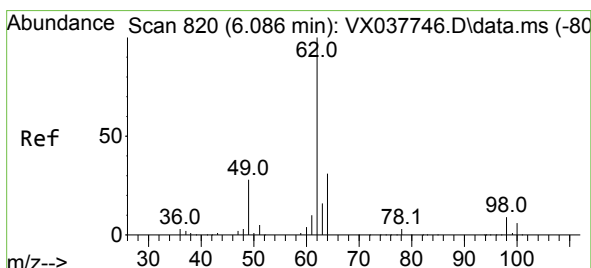
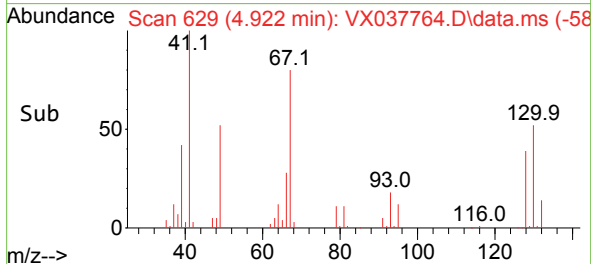
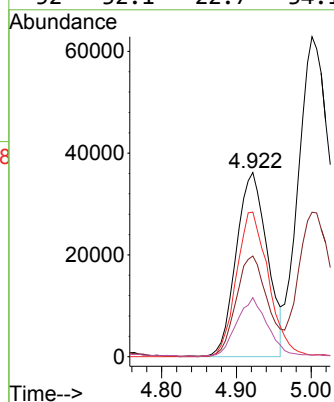
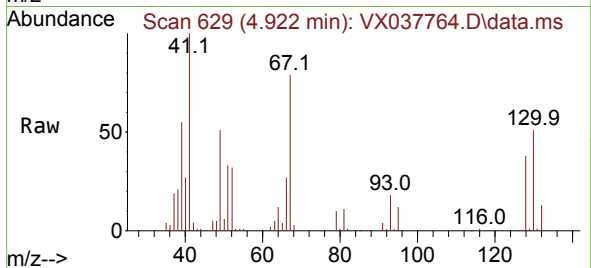




#41  
Methacrylonitrile  
Concen: 52.620 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.024 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

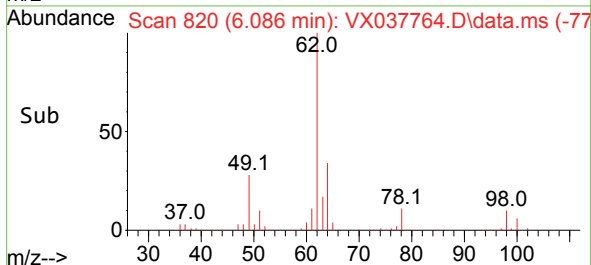
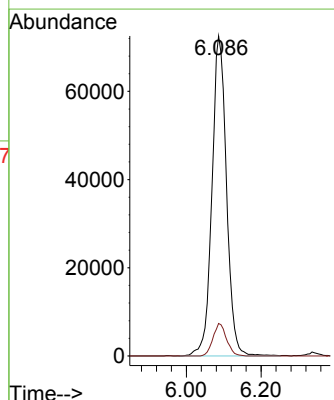
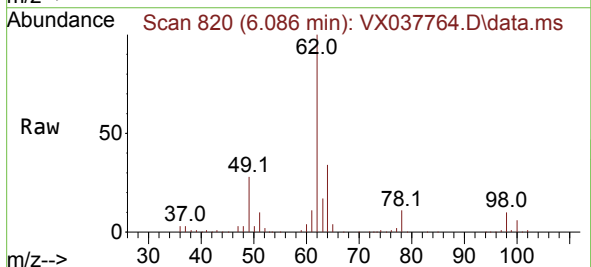
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

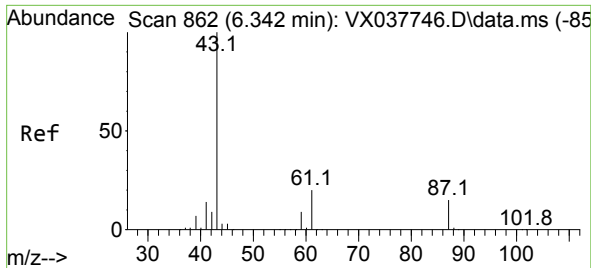
Tgt Ion: 41 Resp: 105059  
Ion Ratio Lower Upper  
41 100  
39 56.6 45.2 67.8  
67 81.7 52.6 78.8#  
52 32.1 22.7 34.1



#42  
1,2-Dichloroethane  
Concen: 49.544 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.012 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 62 Resp: 196133  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 51.542 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

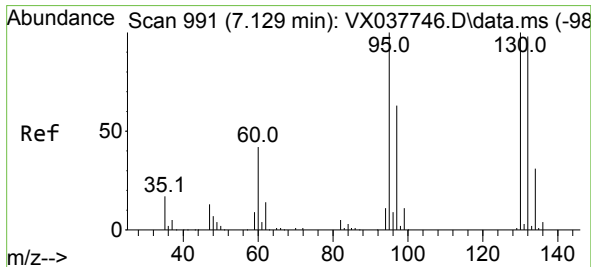
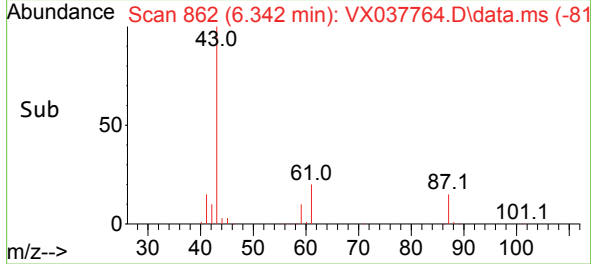
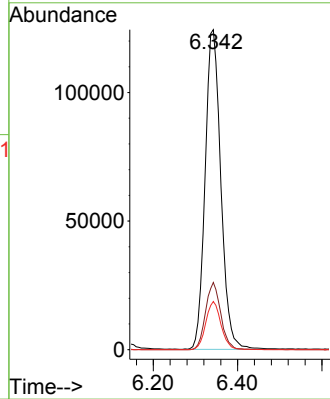
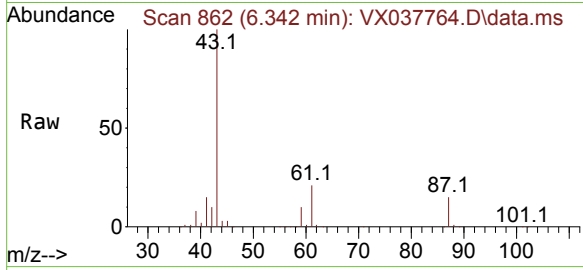
Tgt Ion: 43 Resp: 322712

Ion Ratio Lower Upper

43 100

61 20.3 15.2 22.8

87 14.7 9.8 14.6#



#44

Trichloroethene

Concen: 44.093 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX037764.D

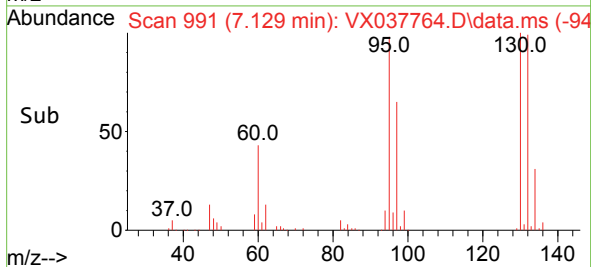
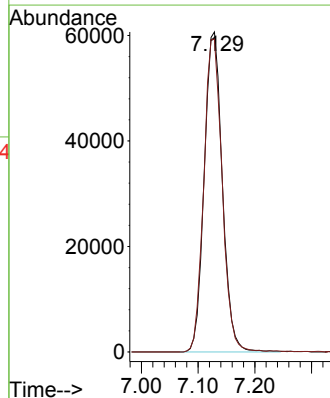
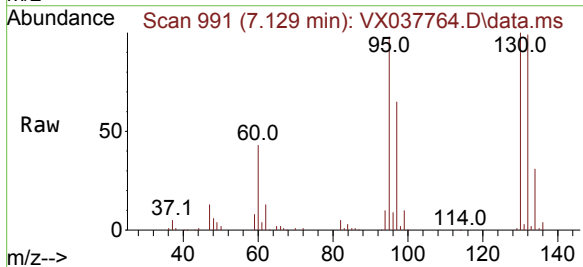
Acq: 15 Sep 2023 18:54

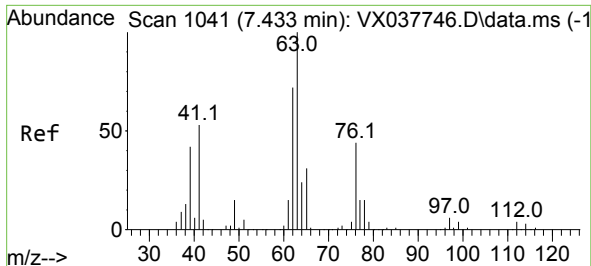
Tgt Ion:130 Resp: 134493

Ion Ratio Lower Upper

130 100

95 97.8 0.0 204.4

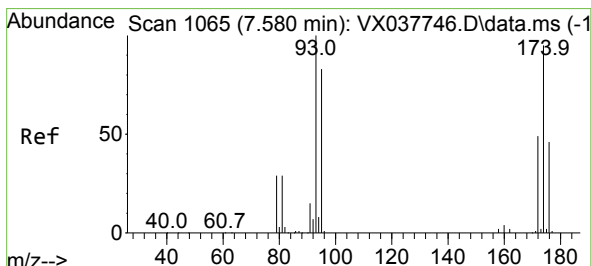
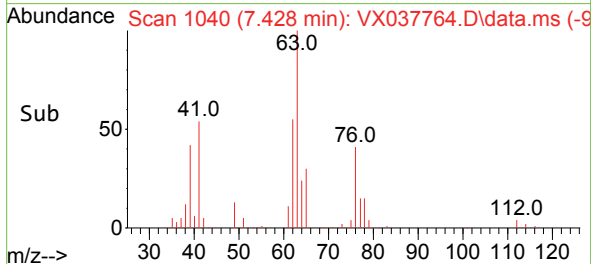
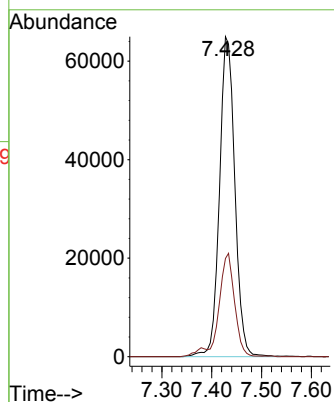
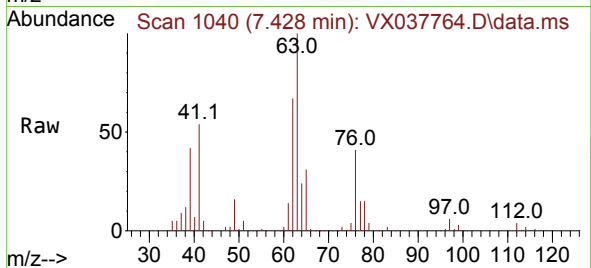




#45  
1,2-Dichloropropane  
Concen: 48.829 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

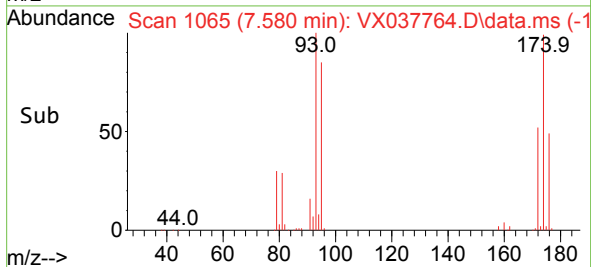
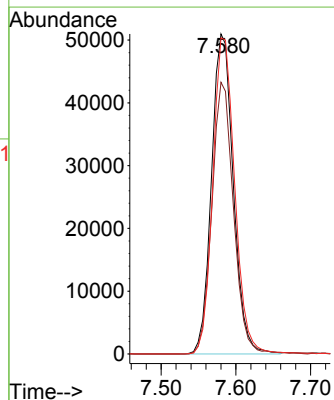
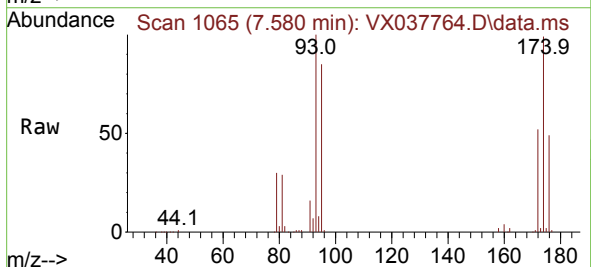
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 63 Resp: 138890  
Ion Ratio Lower Upper  
63 100  
65 30.7 24.3 36.5



#46  
Dibromomethane  
Concen: 50.464 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 93 Resp: 103255  
Ion Ratio Lower Upper  
93 100  
95 84.2 66.6 100.0  
174 99.8 69.4 104.0

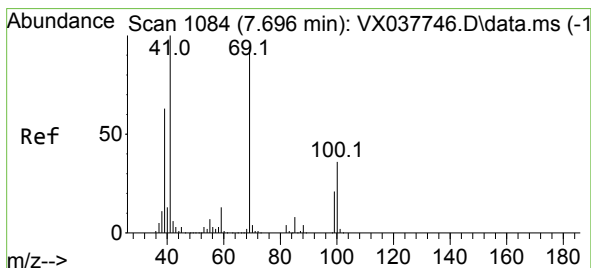
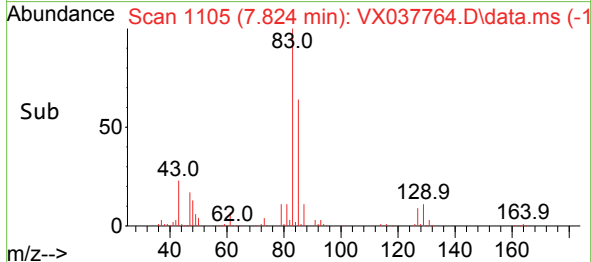
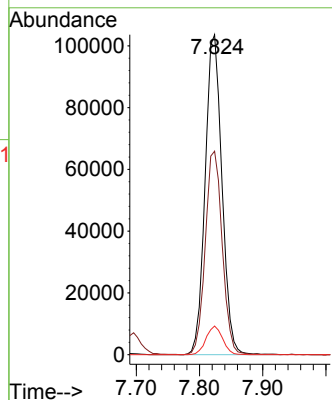
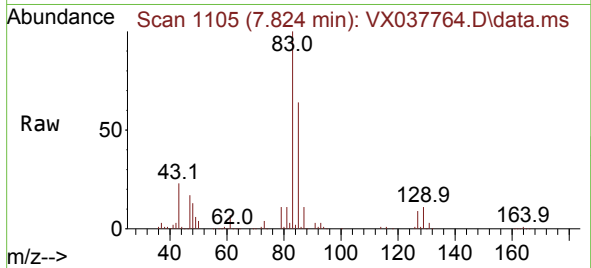




#47  
Bromodichloromethane  
Concen: 50.778 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

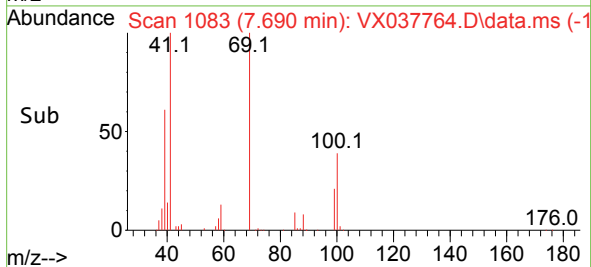
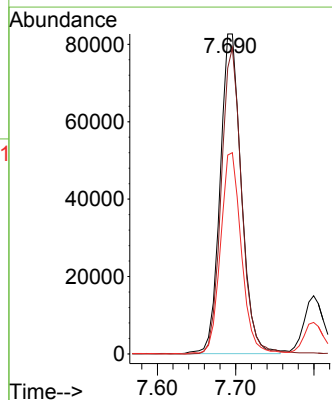
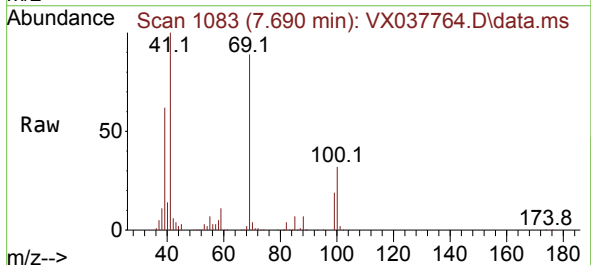
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

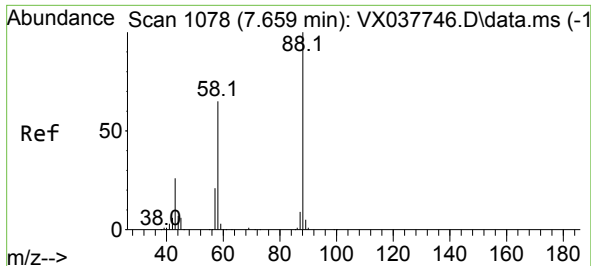
Tgt Ion: 83 Resp: 191348  
Ion Ratio Lower Upper  
83 100  
85 63.6 49.8 74.6  
127 9.0 7.1 10.7



#48  
Methyl methacrylate  
Concen: 51.970 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.012 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 41 Resp: 155550  
Ion Ratio Lower Upper  
41 100  
69 92.7 59.2 88.8#  
39 62.0 47.7 71.5





#49

1,4-Dioxane

Concen: 1066.369 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.012 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

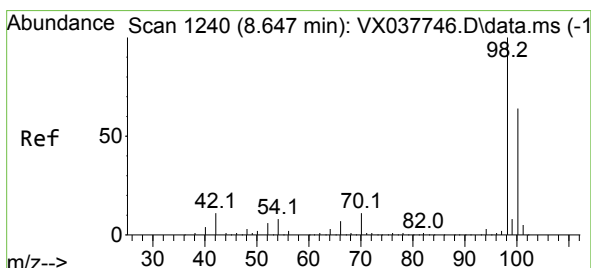
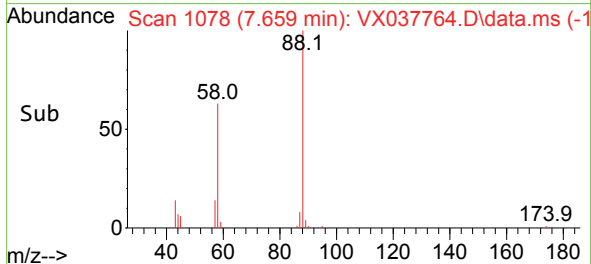
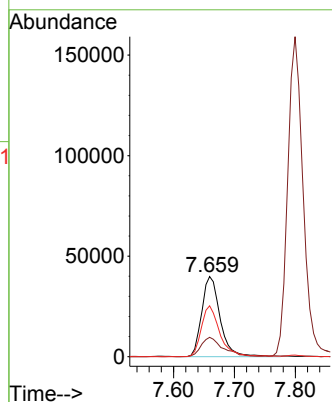
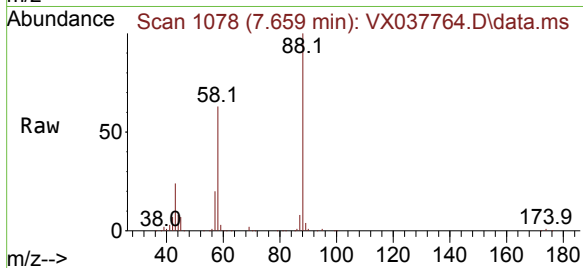
Tgt Ion: 88 Resp: 83676

Ion Ratio Lower Upper

88 100

43 28.2 0.0 0.0#

58 64.1 60.1 90.1



#50

Toluene-d8

Concen: 43.711 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037764.D

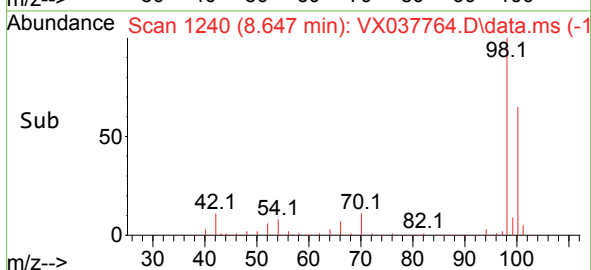
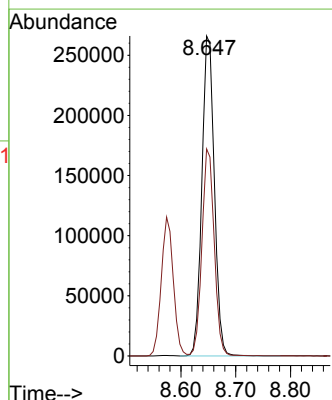
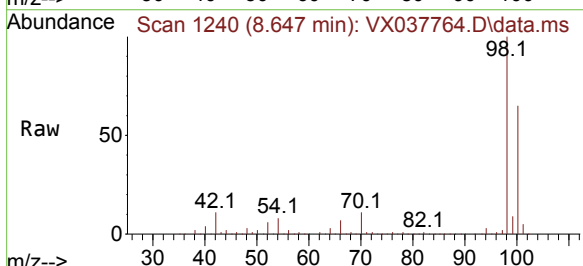
Acq: 15 Sep 2023 18:54

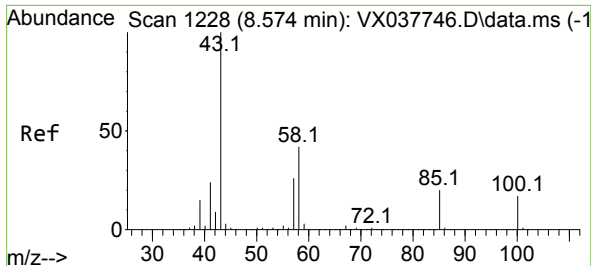
Tgt Ion: 98 Resp: 419928

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7

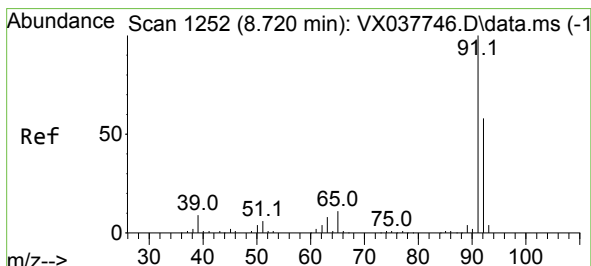
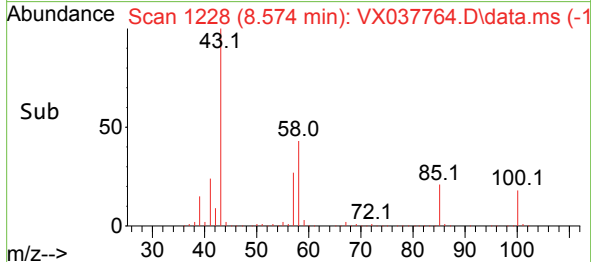
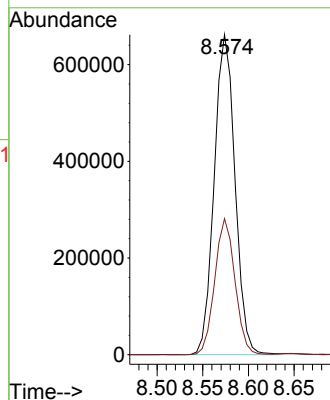
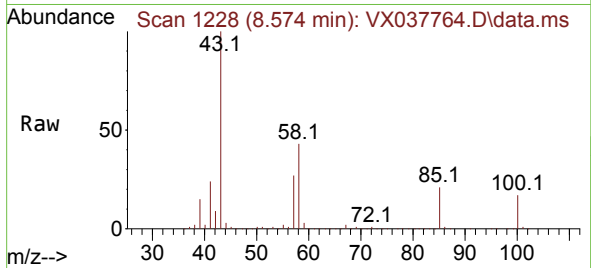




#51  
4-Methyl-2-Pentanone  
Concen: 263.609 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

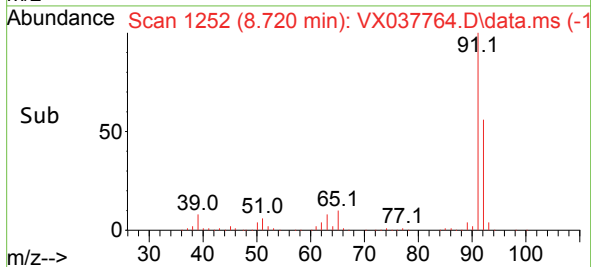
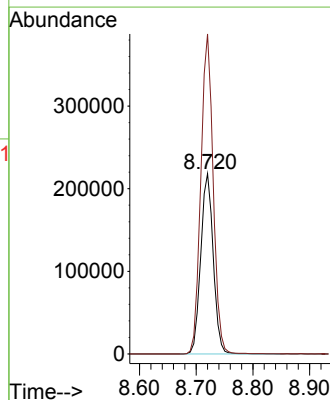
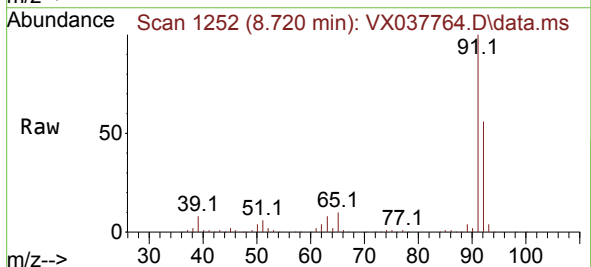
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

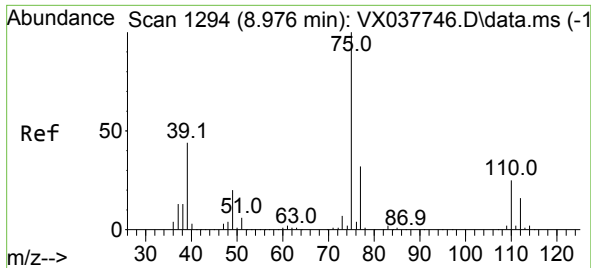
Tgt Ion: 43 Resp: 1047171  
Ion Ratio Lower Upper  
43 100  
58 41.4 30.4 45.6



#52  
Toluene  
Concen: 47.264 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 92 Resp: 333628  
Ion Ratio Lower Upper  
92 100  
91 176.0 134.2 201.2

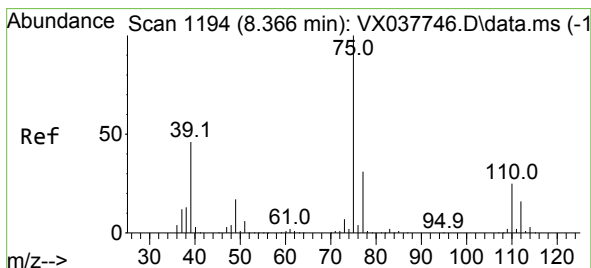
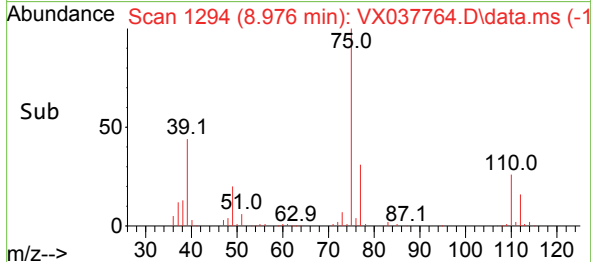
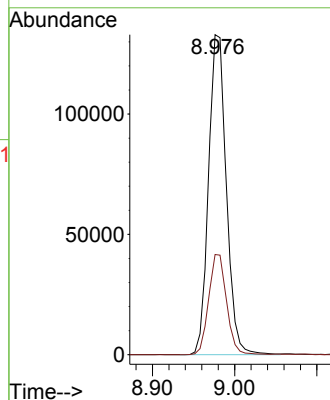
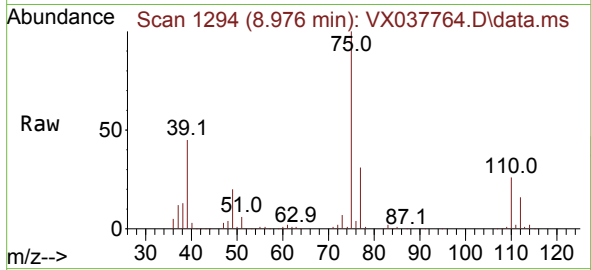




#53  
 t-1,3-Dichloropropene  
 Concen: 50.723 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. -0.012 min  
 Lab File: VX037764.D  
 Acq: 15 Sep 2023 18:54

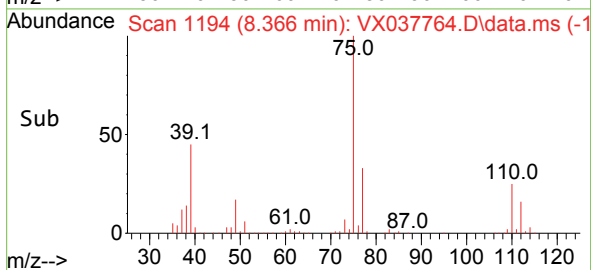
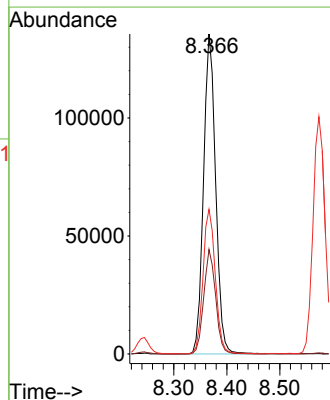
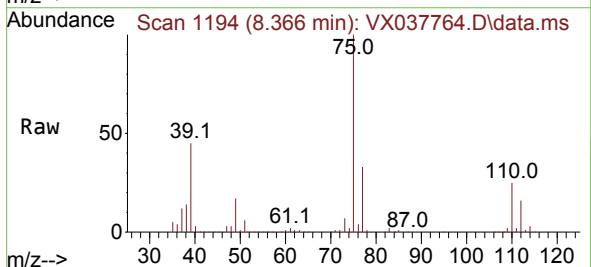
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

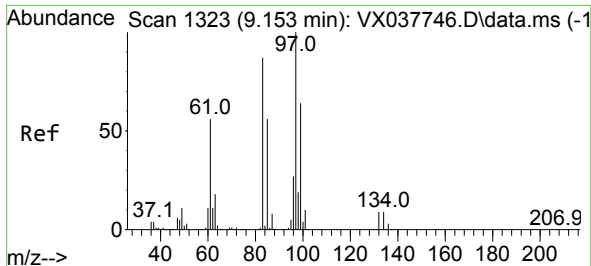
Tgt Ion: 75 Resp: 199860  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.426 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.006 min  
 Lab File: VX037764.D  
 Acq: 15 Sep 2023 18:54

Tgt Ion: 75 Resp: 215537  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 25.3 37.9  
 39 45.1 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 51.195 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 152363

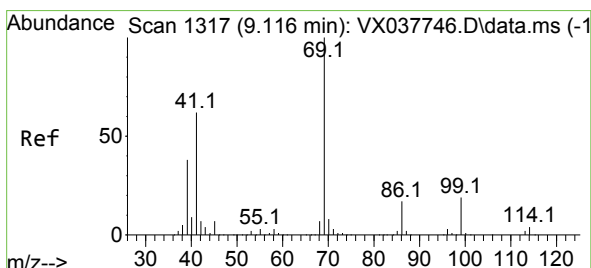
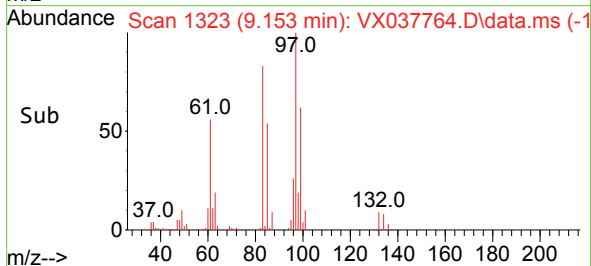
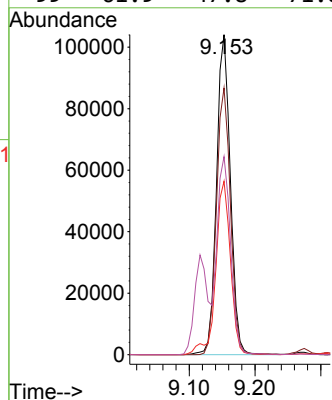
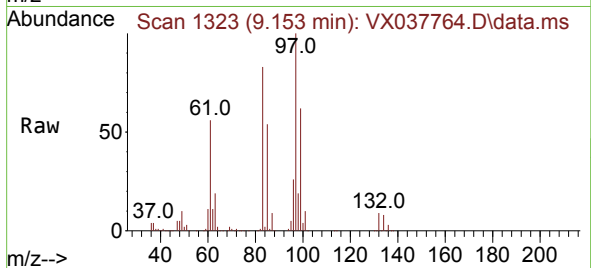
Ion Ratio Lower Upper

97 100

83 83.3 65.8 98.8

85 54.2 41.6 62.4

99 61.9 47.8 71.8



#56

Ethyl methacrylate

Concen: 52.779 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

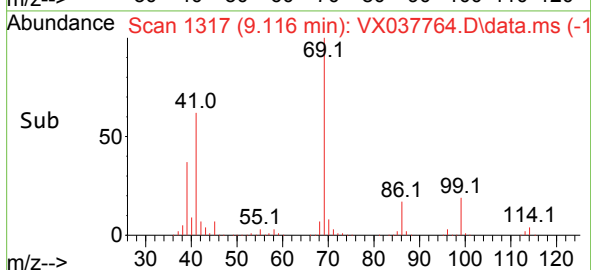
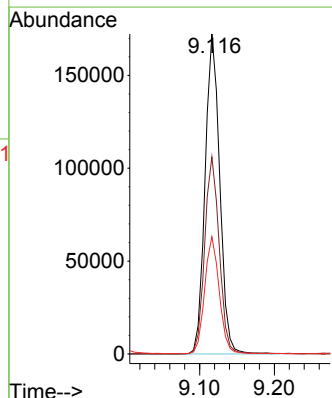
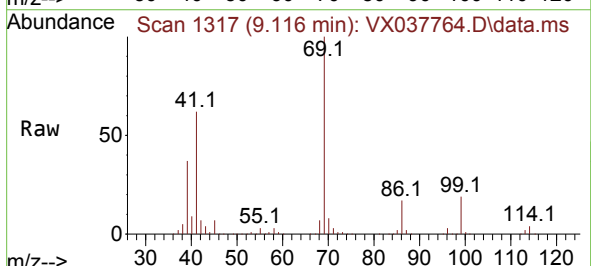
Tgt Ion: 69 Resp: 234497

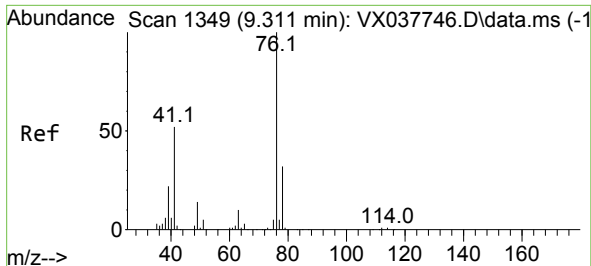
Ion Ratio Lower Upper

69 100

41 61.2 56.8 85.2

39 36.2 32.0 48.0





#57

1,3-Dichloropropane

Concen: 50.148 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

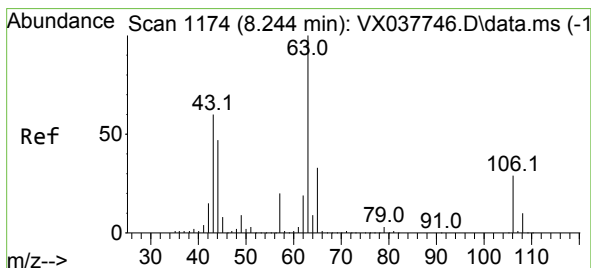
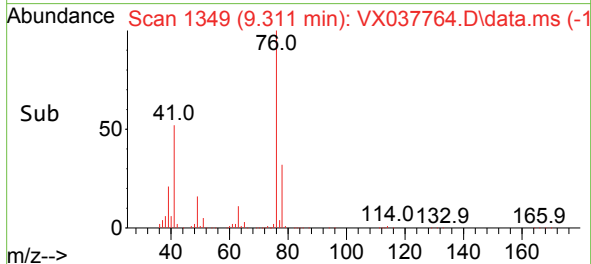
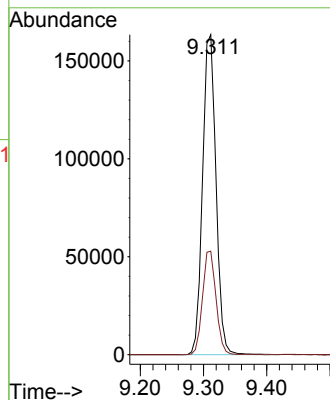
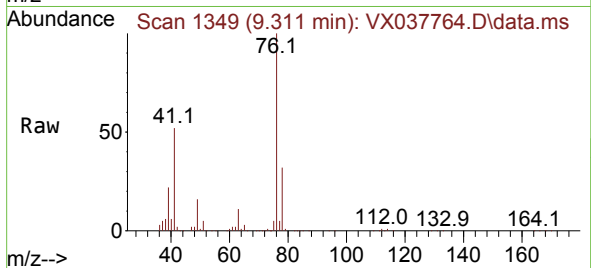
VSTDCCC050EC

Tgt Ion: 76 Resp: 241509

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 252.185 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037764.D

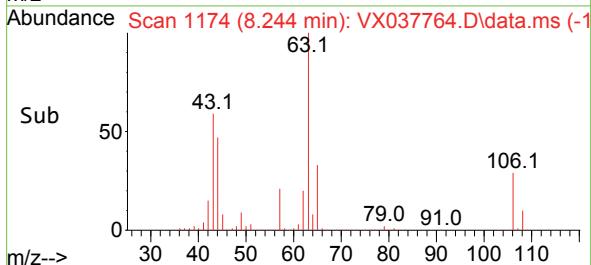
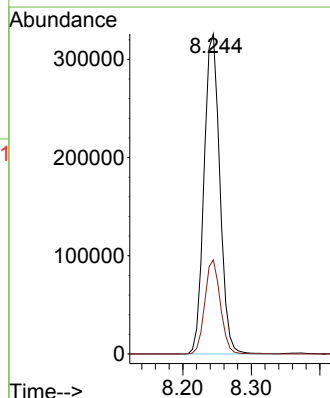
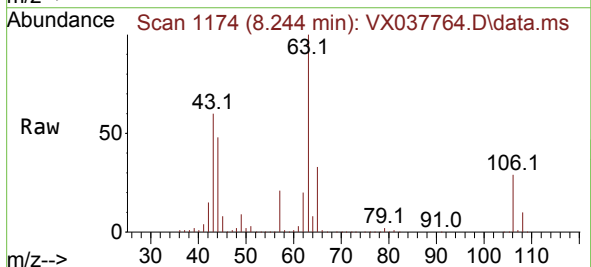
Acq: 15 Sep 2023 18:54

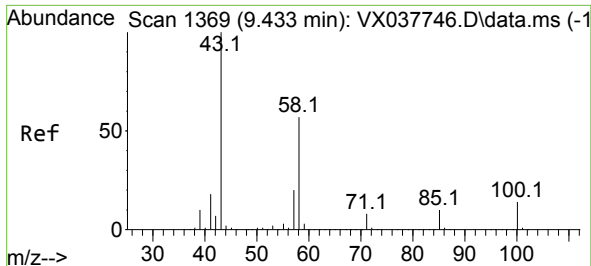
Tgt Ion: 63 Resp: 523197

Ion Ratio Lower Upper

63 100

106 28.9 22.5 33.7

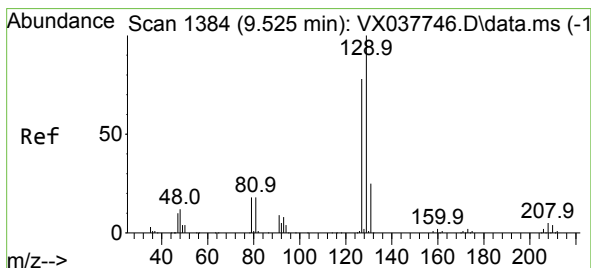
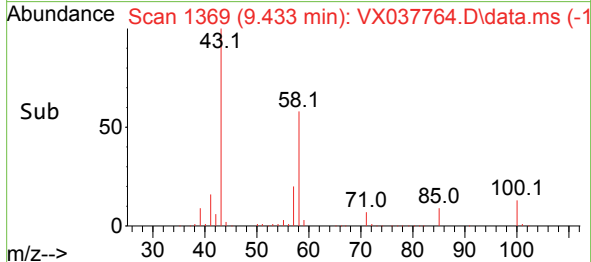
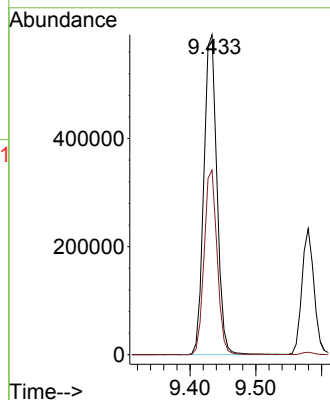
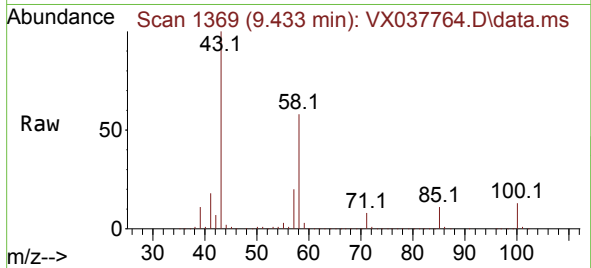




#59  
2-Hexanone  
Concen: 265.021 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

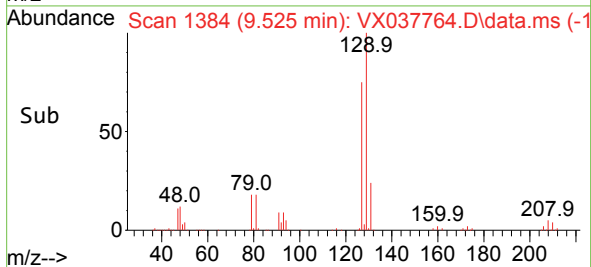
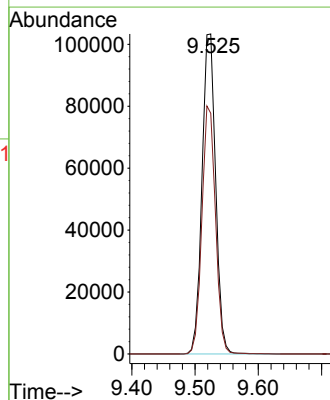
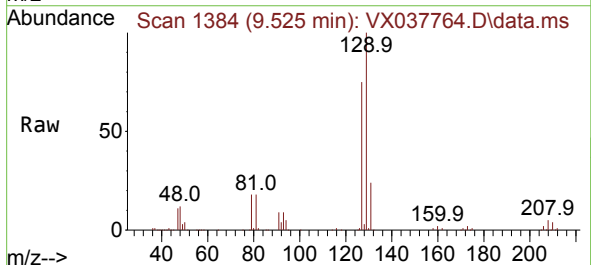
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

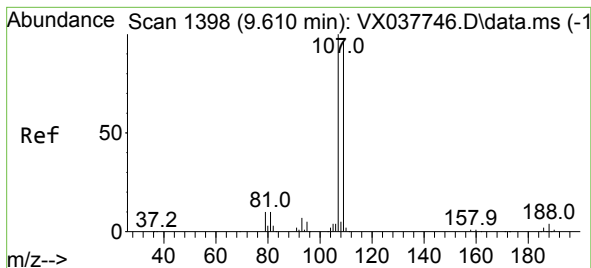
Tgt Ion: 43 Resp: 819698  
Ion Ratio Lower Upper  
43 100  
58 57.3 26.2 78.5



#60  
Dibromochloromethane  
Concen: 52.274 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 129 Resp: 154980  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.8 116.4





#61

1,2-Dibromoethane

Concen: 51.830 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

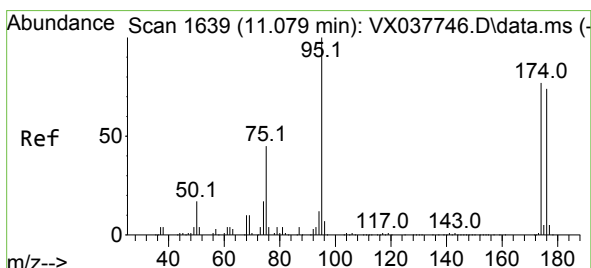
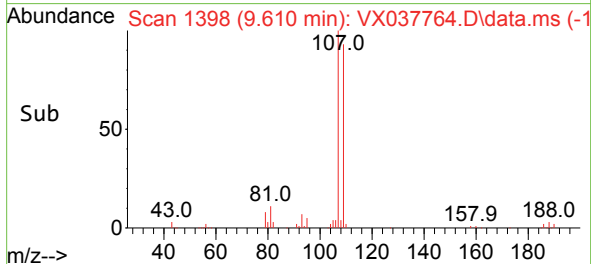
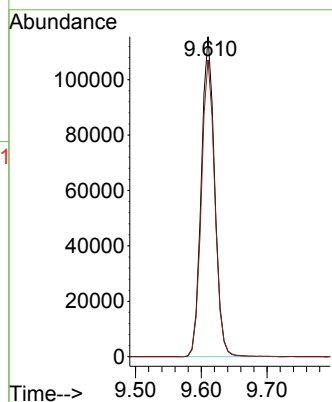
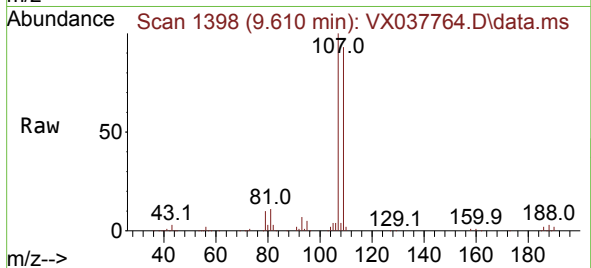
VSTDCCC050EC

Tgt Ion:107 Resp: 163318

Ion Ratio Lower Upper

107 100

109 93.4 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 44.541 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

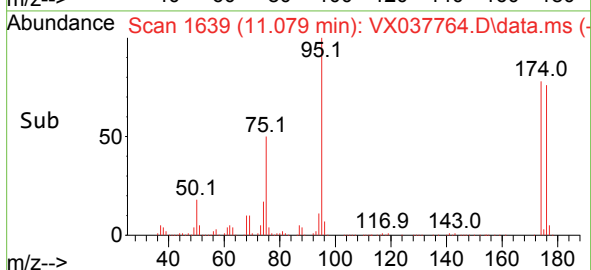
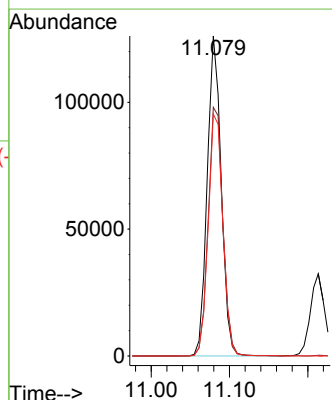
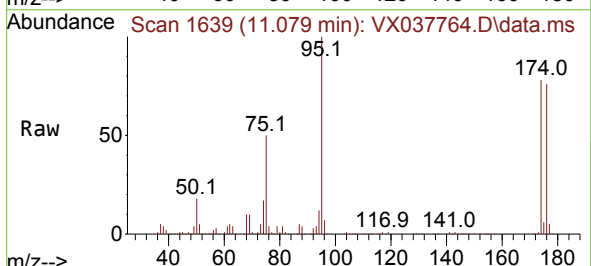
Tgt Ion: 95 Resp: 155493

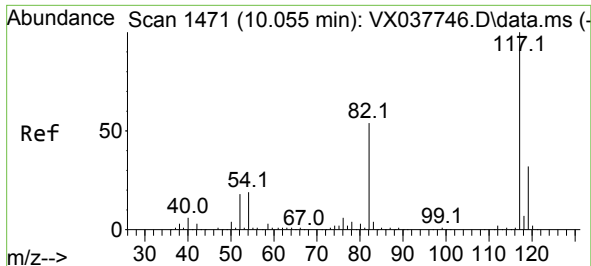
Ion Ratio Lower Upper

95 100

174 82.1 0.0 135.6

176 79.4 0.0 131.0

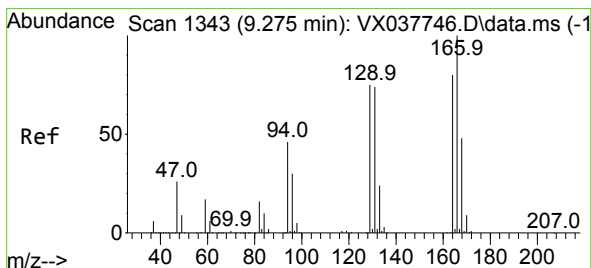
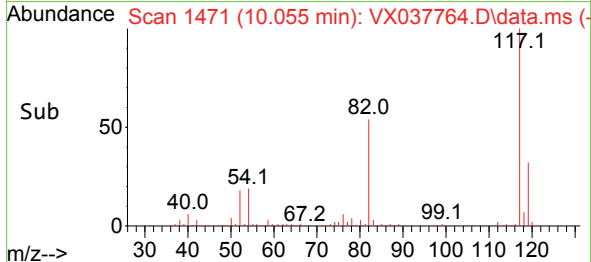
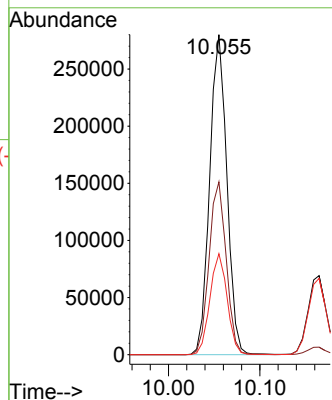
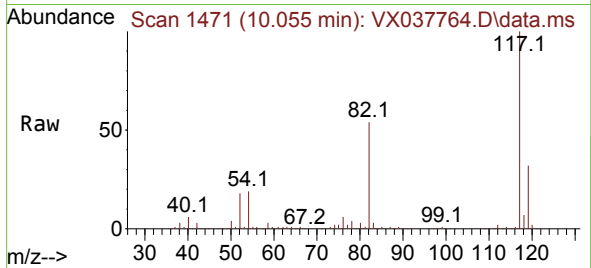




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

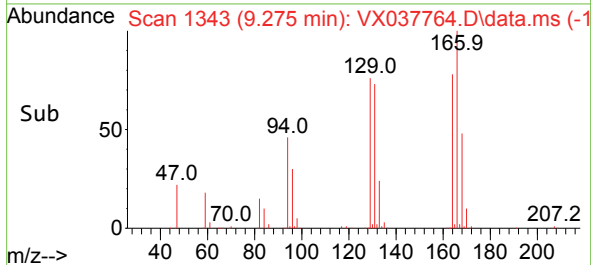
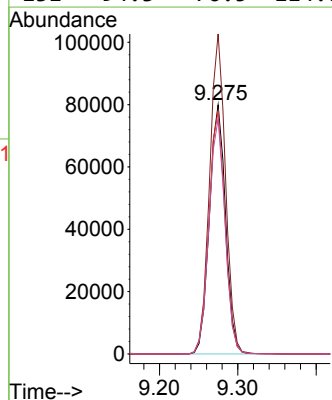
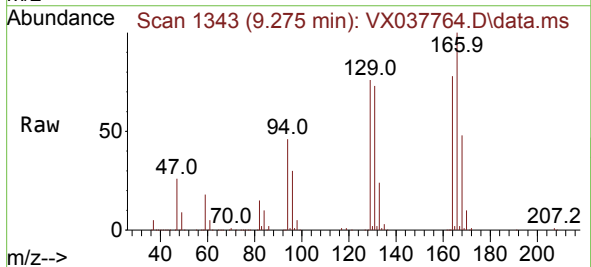
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

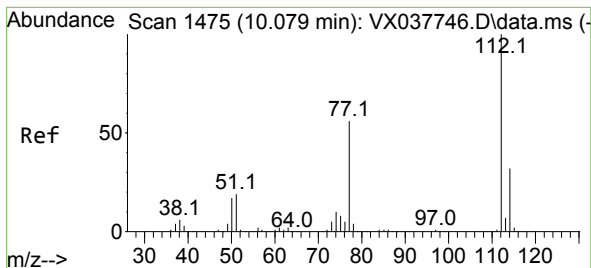
Tgt Ion:117 Resp: 364744  
Ion Ratio Lower Upper  
117 100  
82 54.0 46.2 69.4  
119 31.5 25.5 38.3



#64  
Tetrachloroethene  
Concen: 45.956 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion:164 Resp: 114315  
Ion Ratio Lower Upper  
164 100  
166 128.4 102.7 154.1  
129 97.3 80.4 120.6  
131 94.3 76.5 114.7

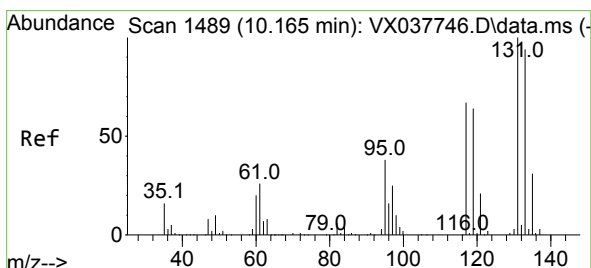
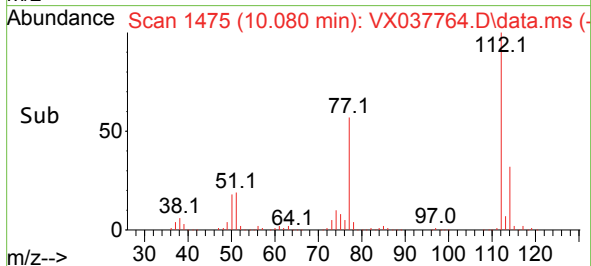
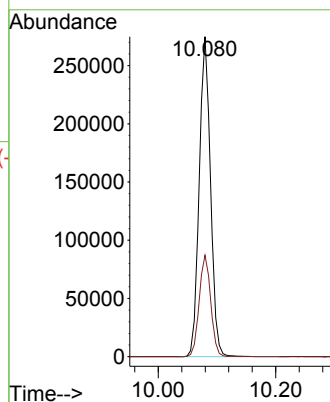
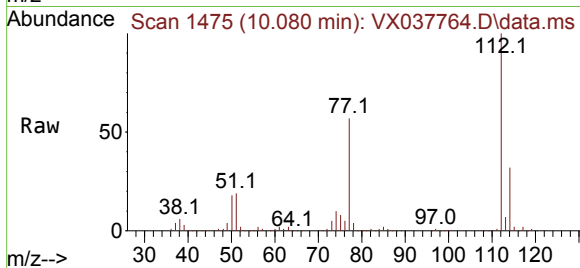




#65  
Chlorobenzene  
Concen: 46.631 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

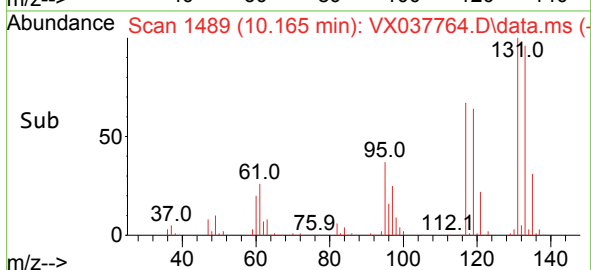
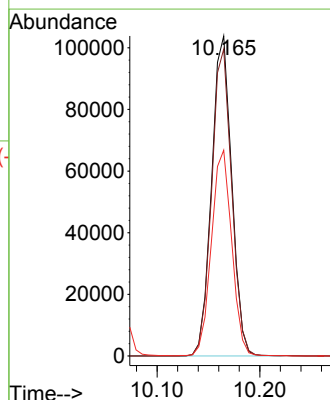
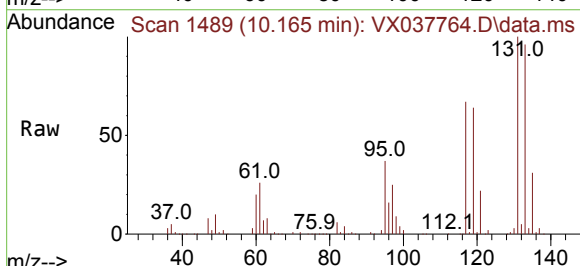
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

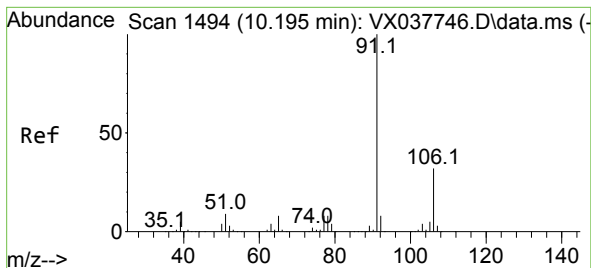
Tgt Ion:112 Resp: 366875  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.598 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion:131 Resp: 141073  
Ion Ratio Lower Upper  
131 100  
133 96.0 47.1 141.4  
119 65.2 32.2 96.6

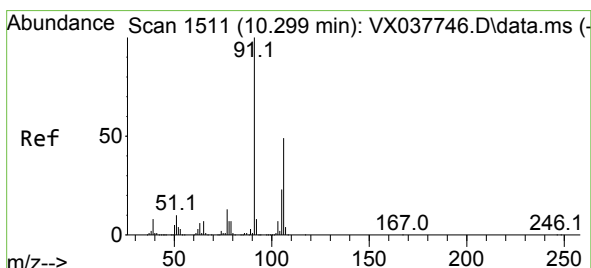
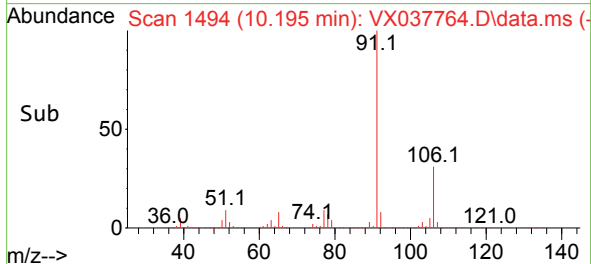
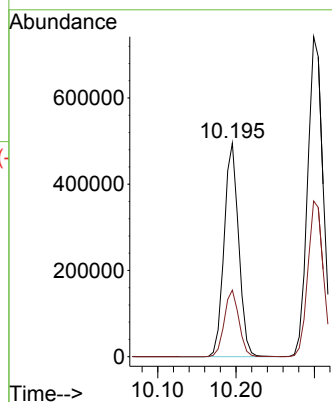
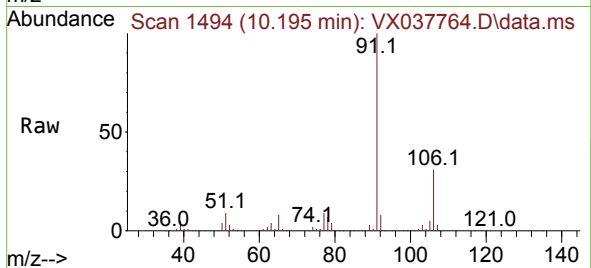




#67  
Ethyl Benzene  
Concen: 46.861 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

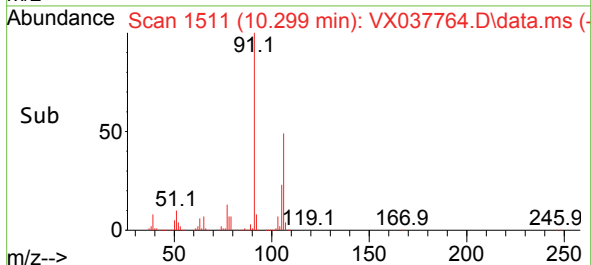
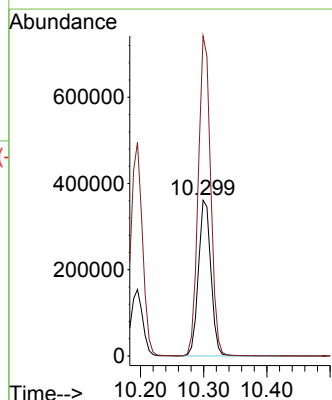
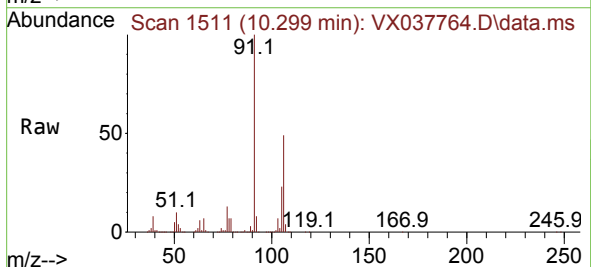
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

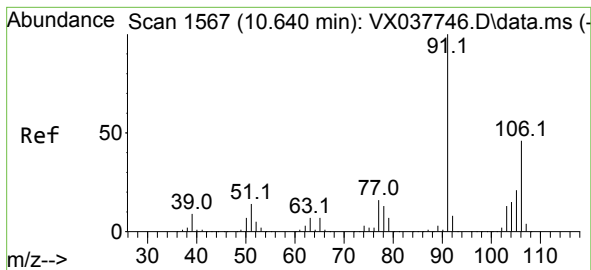
Tgt Ion: 91 Resp: 639204  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.9 37.3



#68  
m/p-Xylenes  
Concen: 93.986 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 106 Resp: 495386  
Ion Ratio Lower Upper  
106 100  
91 204.3 165.5 248.3





#69

o-Xylene

Concen: 48.009 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

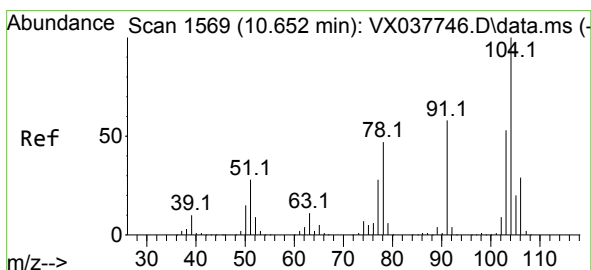
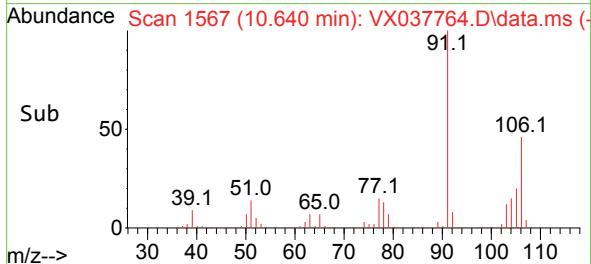
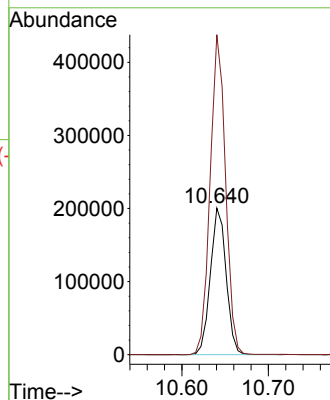
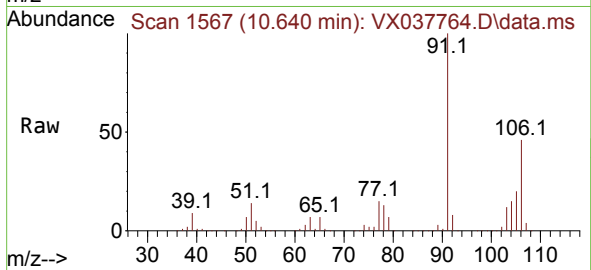
VSTDCCC050EC

Tgt Ion:106 Resp: 253750

Ion Ratio Lower Upper

106 100

91 213.1 108.9 326.8



#70

Styrene

Concen: 49.806 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

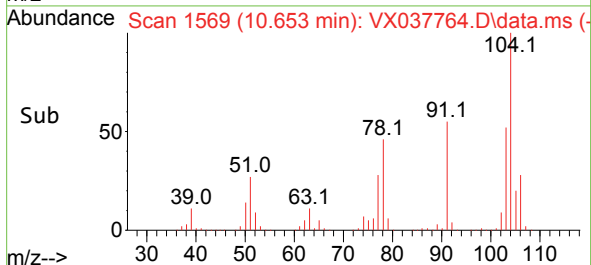
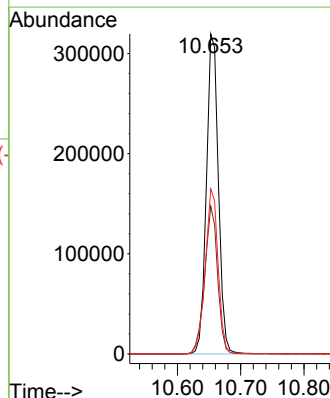
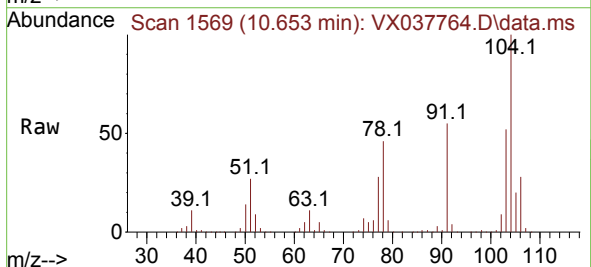
Tgt Ion:104 Resp: 422620

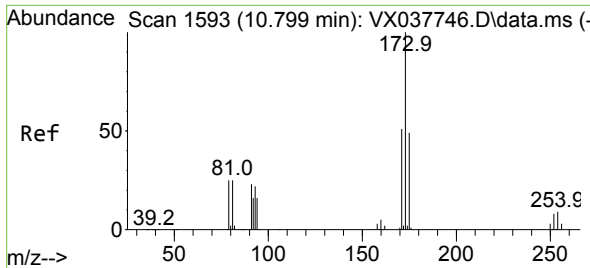
Ion Ratio Lower Upper

104 100

78 49.6 43.6 65.4

103 55.4 43.6 65.4

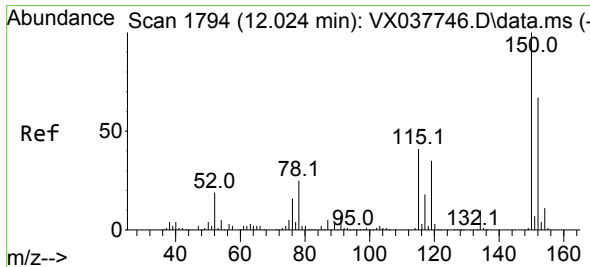
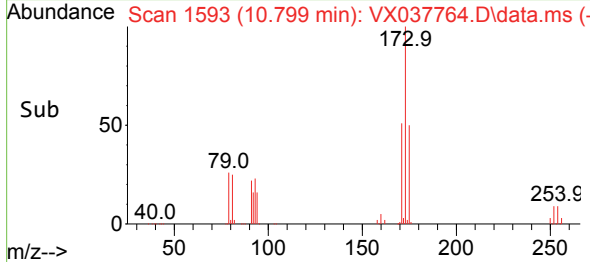
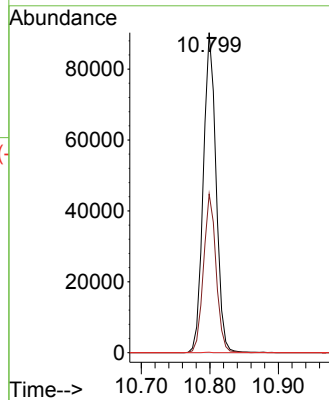
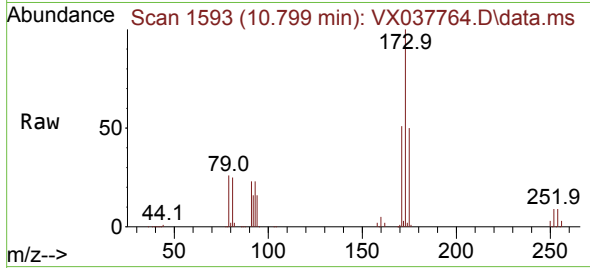




#71  
Bromoform  
Concen: 53.282 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

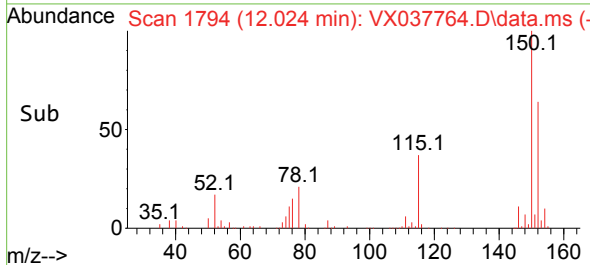
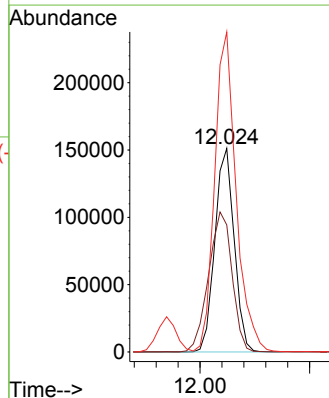
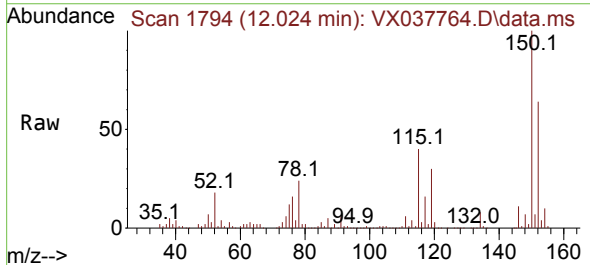
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

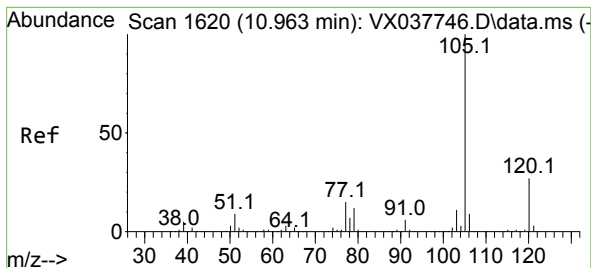
Tgt Ion:173 Resp: 117355  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.1 72.4  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion:152 Resp: 185073  
Ion Ratio Lower Upper  
152 100  
115 84.1 43.3 129.9  
150 173.8 0.0 345.0





#73

Isopropylbenzene

Concen: 47.192 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

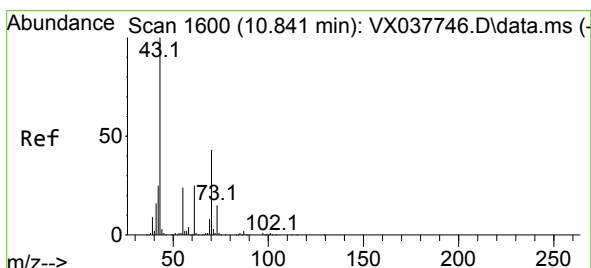
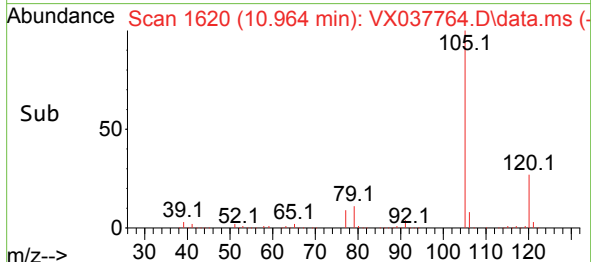
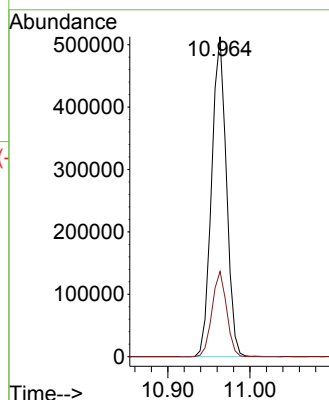
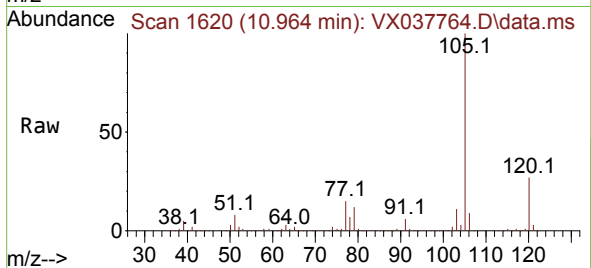
VSTDCCC050EC

Tgt Ion:105 Resp: 640769

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.6



#74

N-ethyl acetate

Concen: 54.360 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Tgt Ion: 43 Resp: 298922

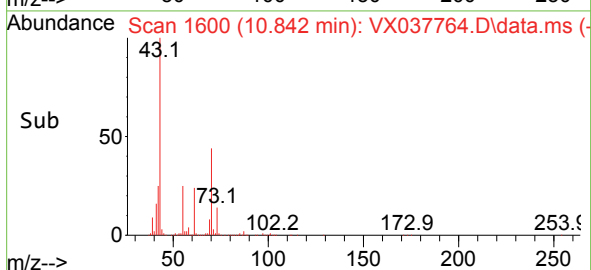
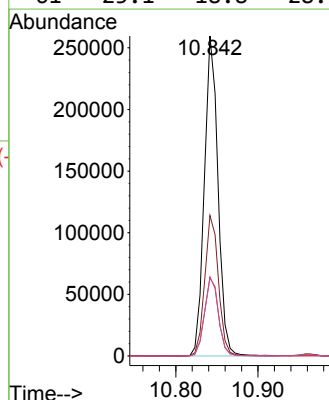
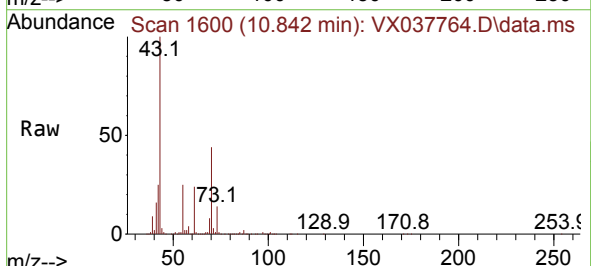
Ion Ratio Lower Upper

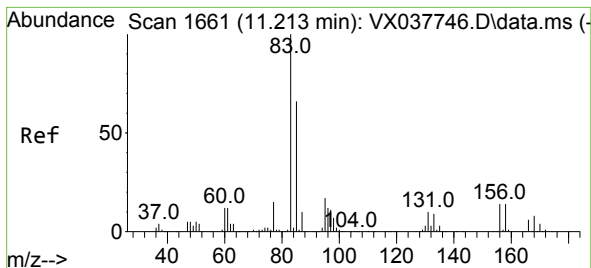
43 100

70 44.4 32.9 49.3

55 25.1 19.3 28.9

61 25.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.639 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

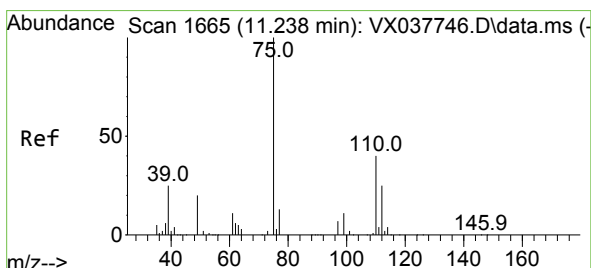
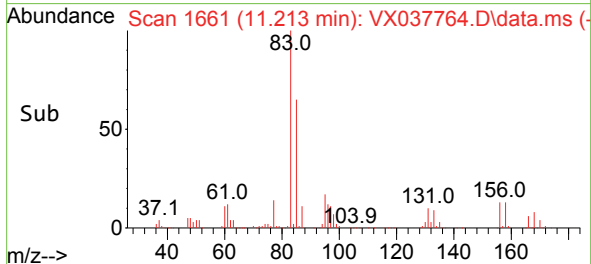
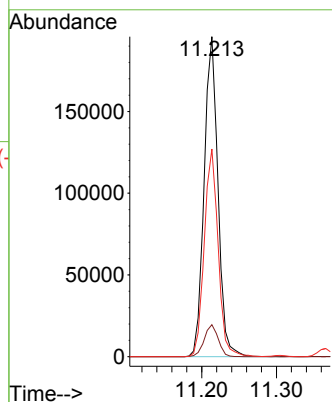
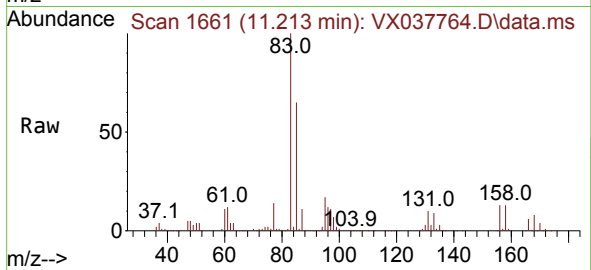
Tgt Ion: 83 Resp: 251365

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

85 65.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 62.213 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX037764.D

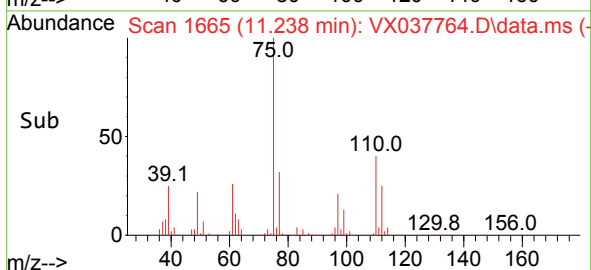
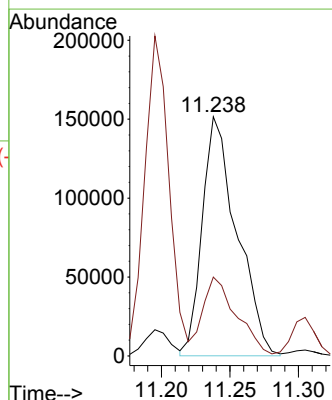
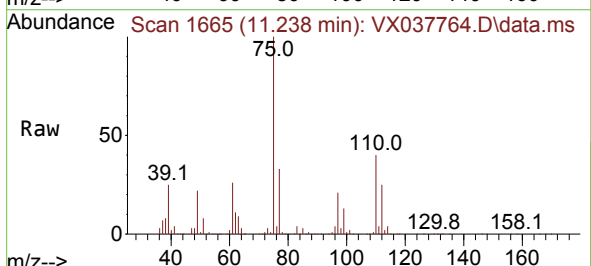
Acq: 15 Sep 2023 18:54

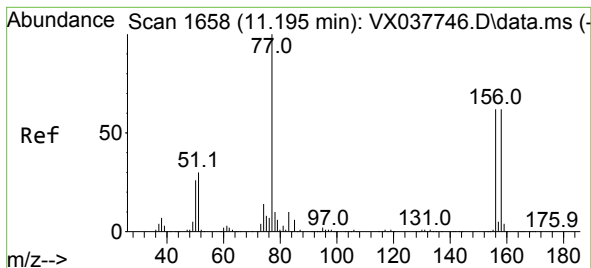
Tgt Ion: 75 Resp: 266305

Ion Ratio Lower Upper

75 100

77 32.2 19.1 57.5





#77

Bromobenzene

Concen: 49.570 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

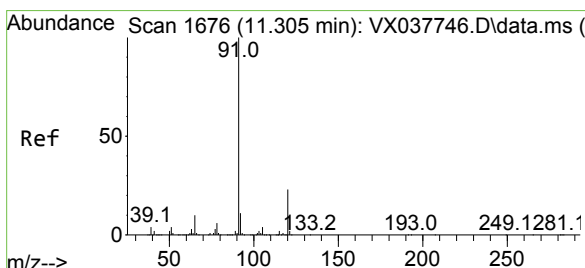
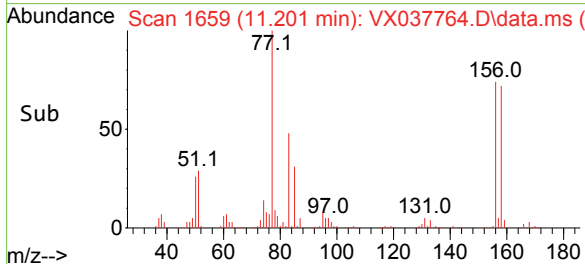
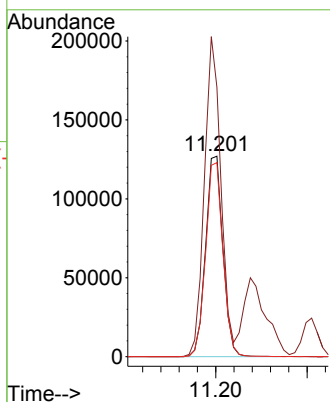
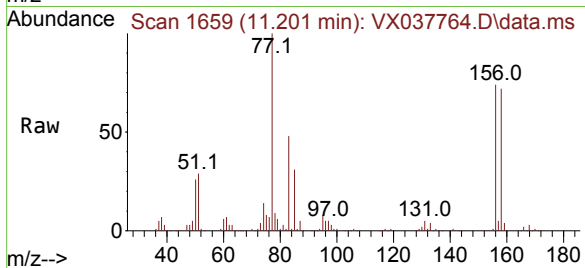
Tgt Ion:156 Resp: 166589

Ion Ratio Lower Upper

156 100

77 151.7 88.4 265.3

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 47.688 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037764.D

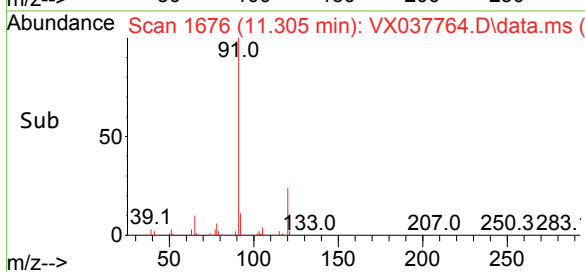
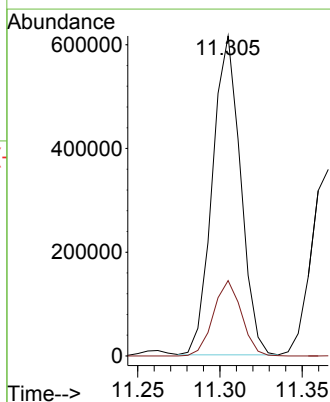
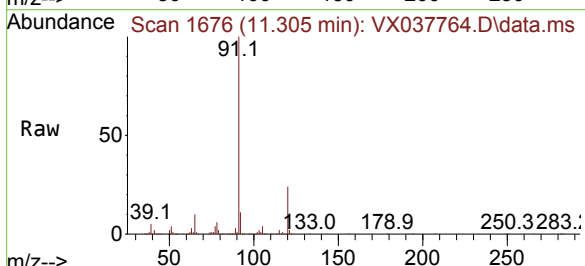
Acq: 15 Sep 2023 18:54

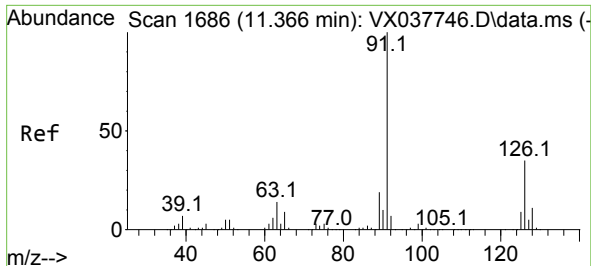
Tgt Ion: 91 Resp: 731257

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

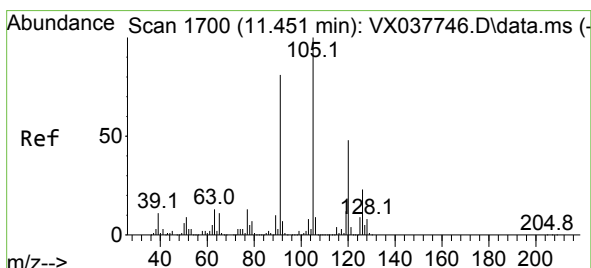
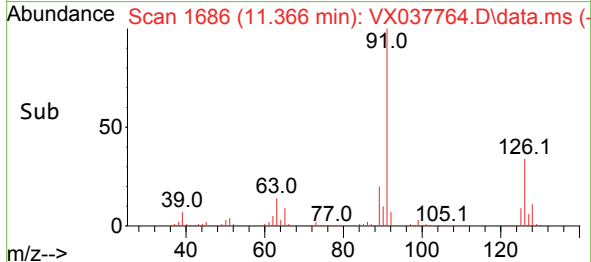
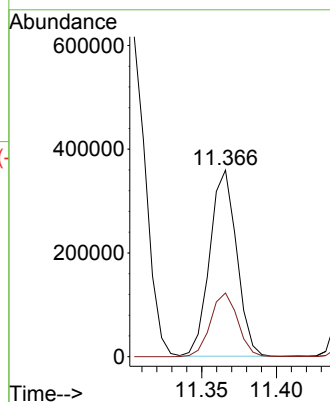
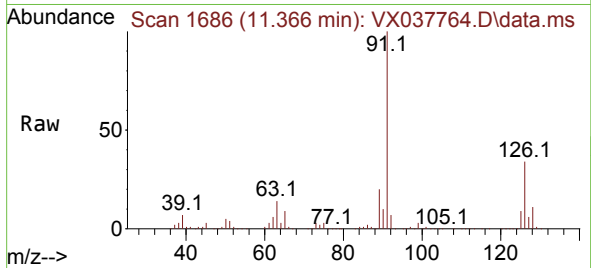




#79  
2-Chlorotoluene  
Concen: 47.513 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

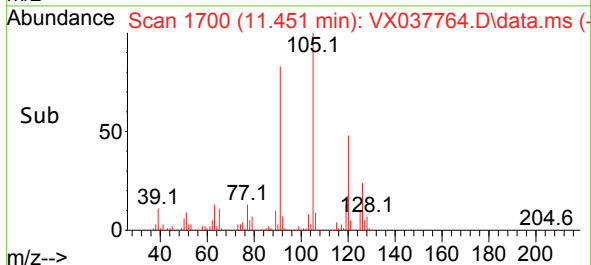
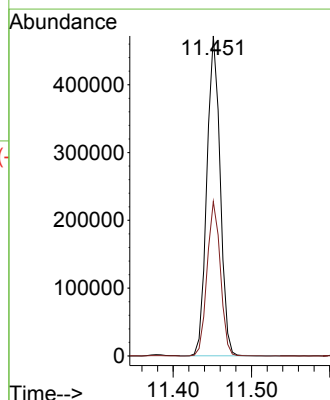
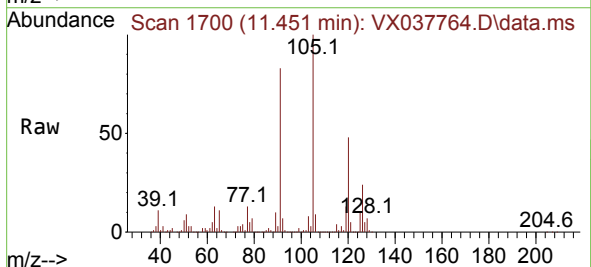
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

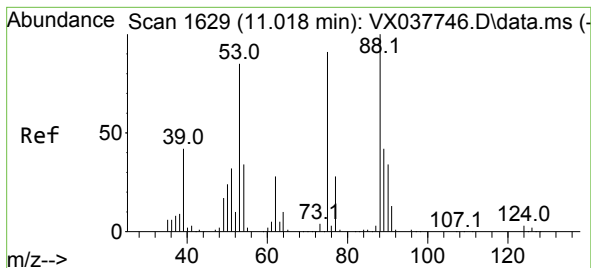
Tgt Ion: 91 Resp: 449226  
Ion Ratio Lower Upper  
91 100  
126 34.6 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 48.229 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 105 Resp: 553021  
Ion Ratio Lower Upper  
105 100  
120 48.3 24.1 72.3

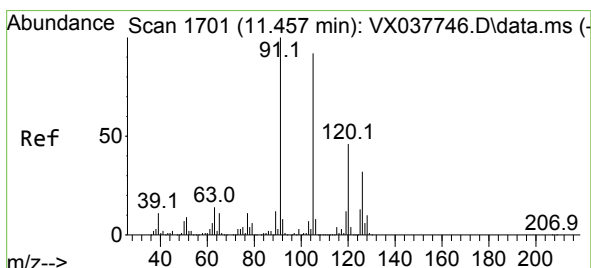
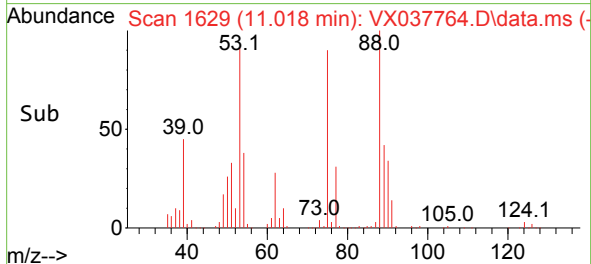
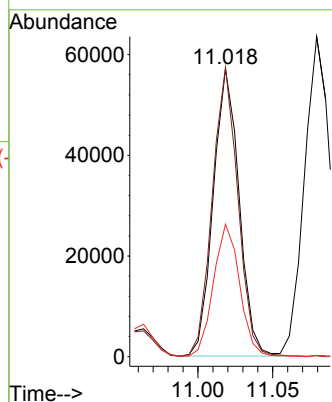
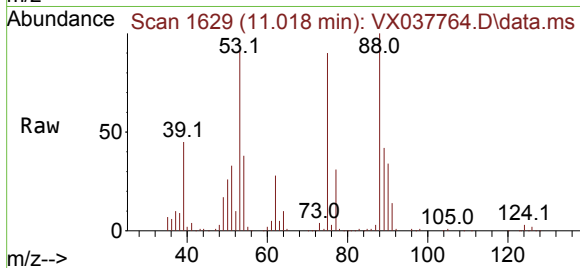




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.376 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

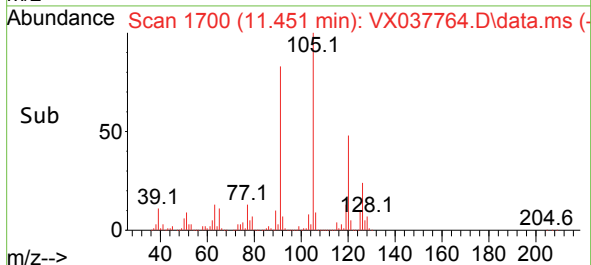
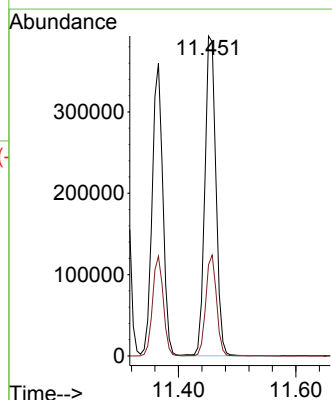
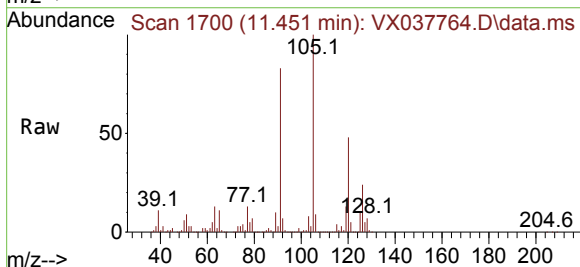
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

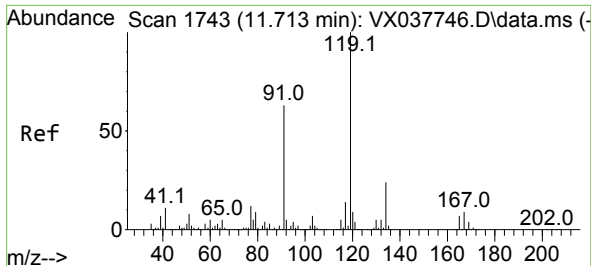
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 68652 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 99.3  | 90.5  | 135.7 |
| 89       | 46.8  | 36.9  | 55.3  |



#82  
4-Chlorotoluene  
Concen: 48.330 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 514448 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 30.5  | 14.2  | 42.6   |

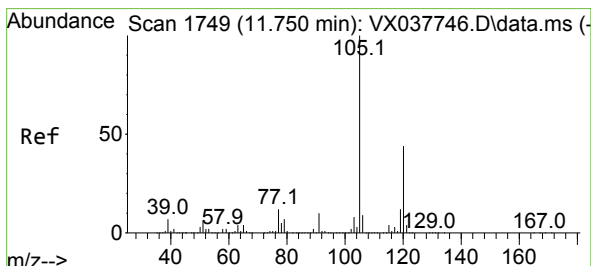
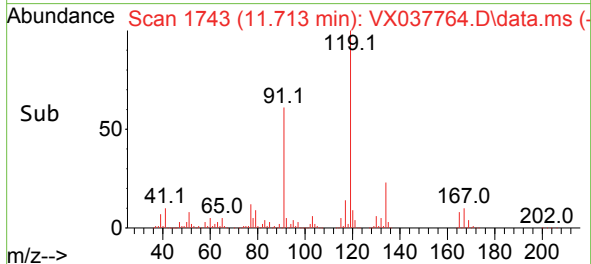
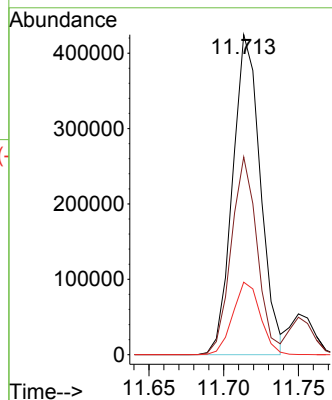
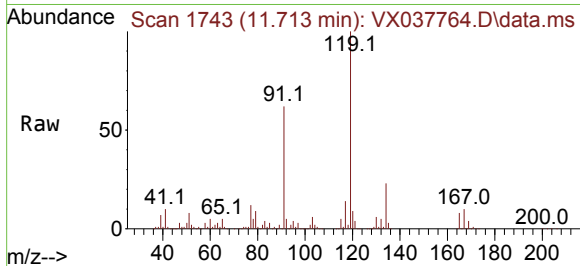




#83  
 tert-Butylbenzene  
 Concen: 47.313 ug/l  
 RT: 11.713 min Scan# 1743  
 Delta R.T. 0.000 min  
 Lab File: VX037764.D  
 Acq: 15 Sep 2023 18:54

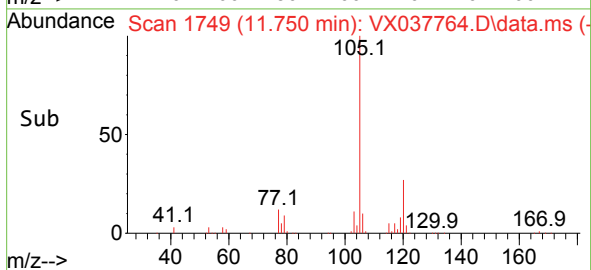
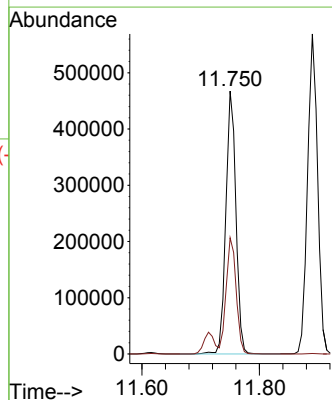
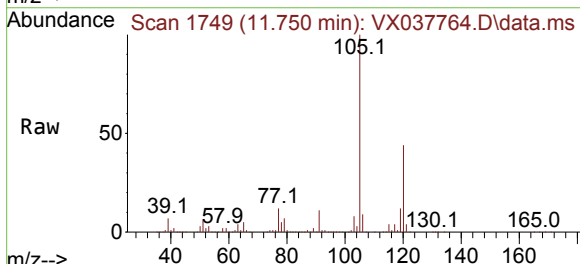
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

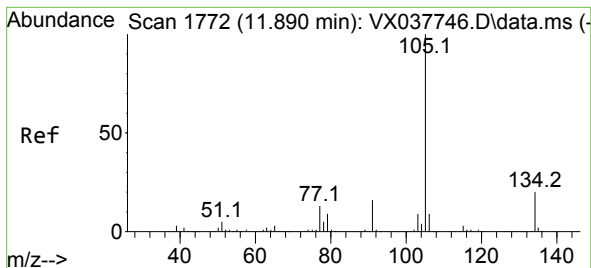
Tgt Ion:119 Resp: 548305  
 Ion Ratio Lower Upper  
 119 100  
 91 57.9 31.2 93.6  
 134 22.5 11.7 35.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 48.858 ug/l  
 RT: 11.750 min Scan# 1749  
 Delta R.T. -0.006 min  
 Lab File: VX037764.D  
 Acq: 15 Sep 2023 18:54

Tgt Ion:105 Resp: 557407  
 Ion Ratio Lower Upper  
 105 100  
 120 43.8 21.2 63.6

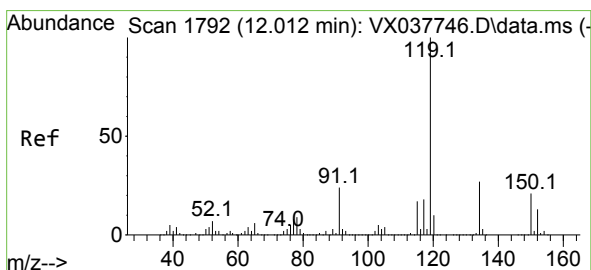
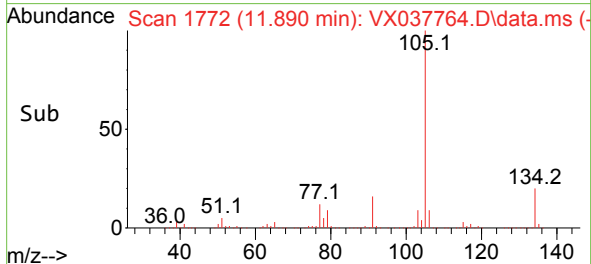
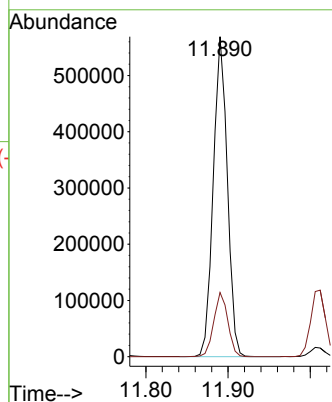
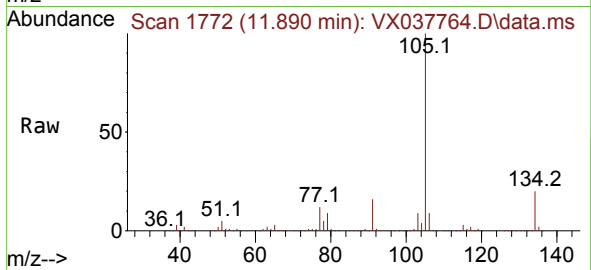




#85  
sec-Butylbenzene  
Concen: 48.037 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

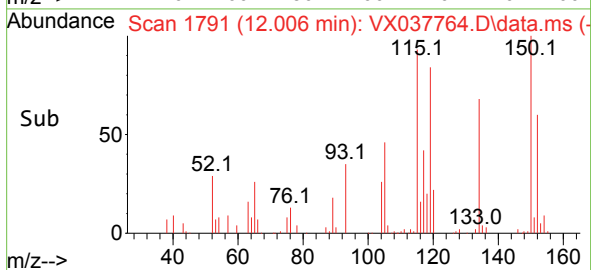
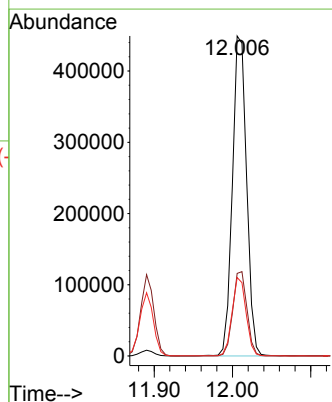
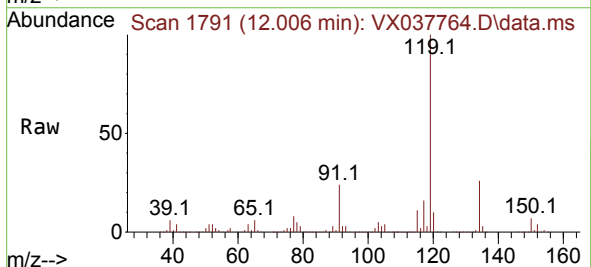
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

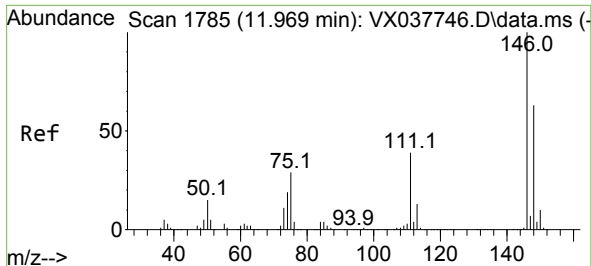
Tgt Ion:105 Resp: 675383  
Ion Ratio Lower Upper  
105 100  
134 20.1 9.8 29.4



#86  
p-Isopropyltoluene  
Concen: 48.285 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion:119 Resp: 565602  
Ion Ratio Lower Upper  
119 100  
134 26.4 12.8 38.3  
91 24.0 13.1 39.3

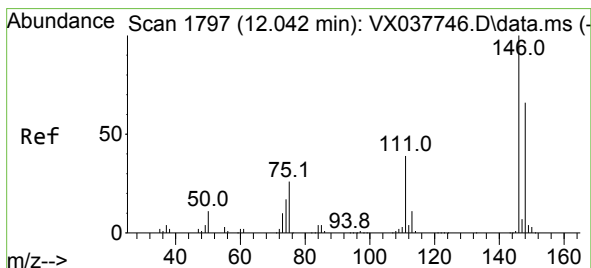
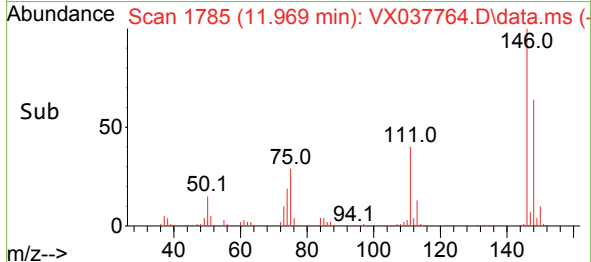
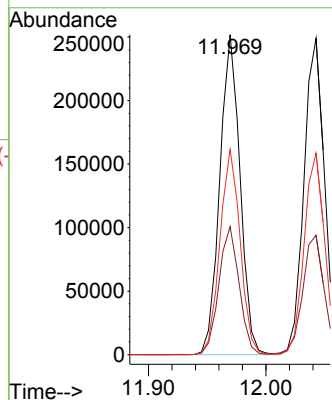
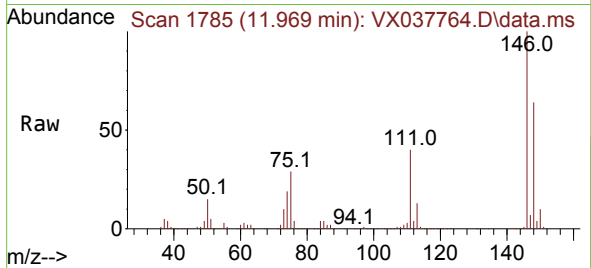




#87  
1,3-Dichlorobenzene  
Concen: 48.221 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

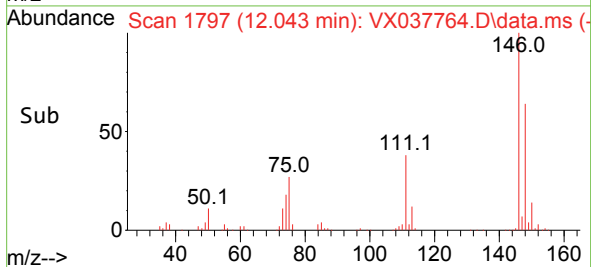
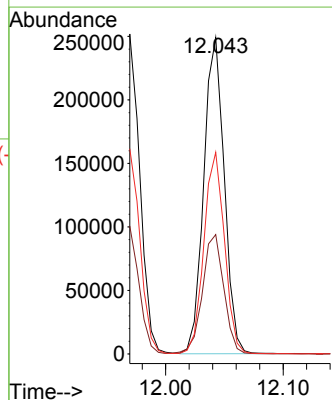
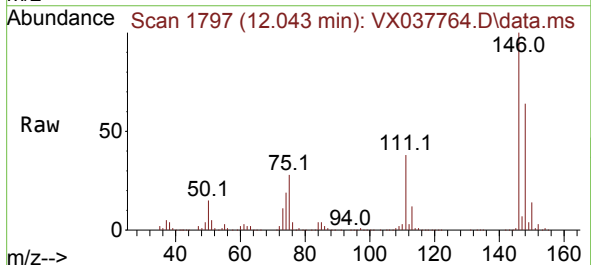
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

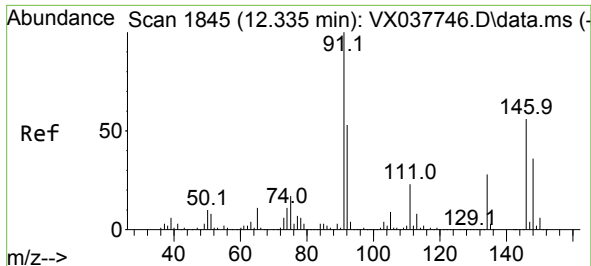
Tgt Ion:146 Resp: 302086  
Ion Ratio Lower Upper  
146 100  
111 40.2 22.1 66.1  
148 64.2 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 47.151 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion:146 Resp: 302265  
Ion Ratio Lower Upper  
146 100  
111 39.3 21.3 63.7  
148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 48.456 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

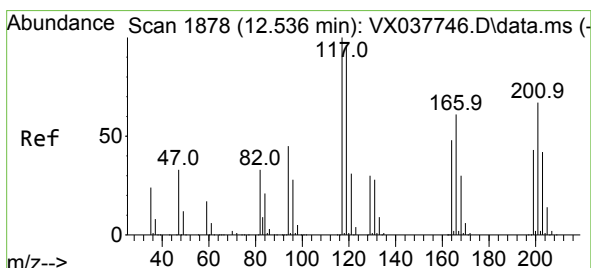
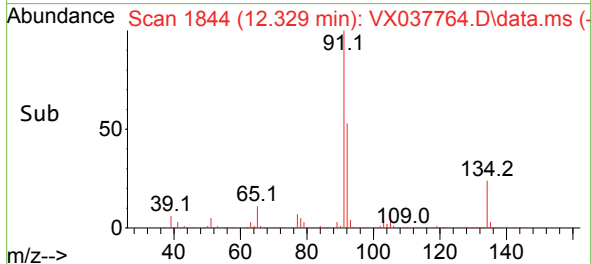
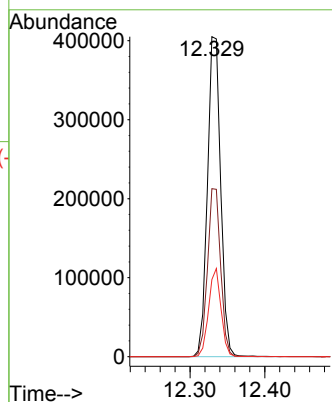
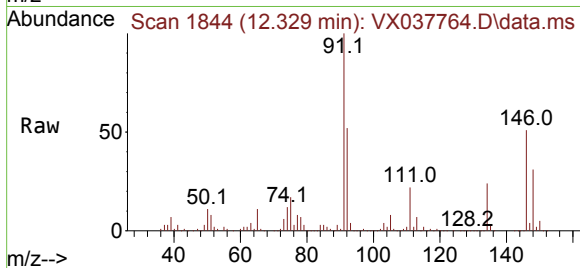
Tgt Ion: 91 Resp: 497234

Ion Ratio Lower Upper

91 100

92 52.2 27.4 82.0

134 25.8 12.6 37.8



#90

Hexachloroethane

Concen: 48.862 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037764.D

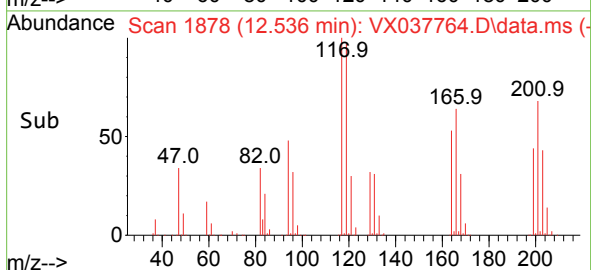
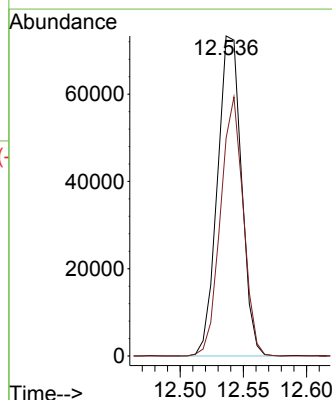
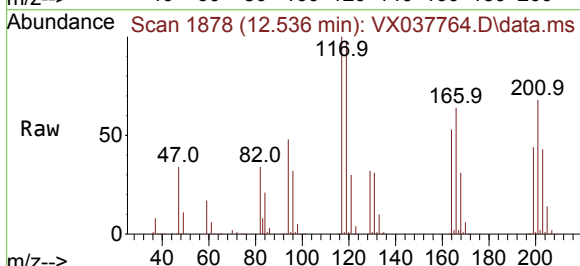
Acq: 15 Sep 2023 18:54

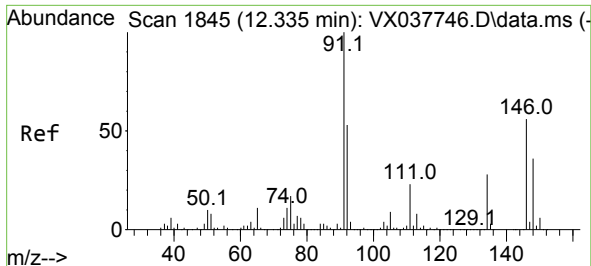
Tgt Ion:117 Resp: 96976

Ion Ratio Lower Upper

117 100

201 76.5 32.9 98.6

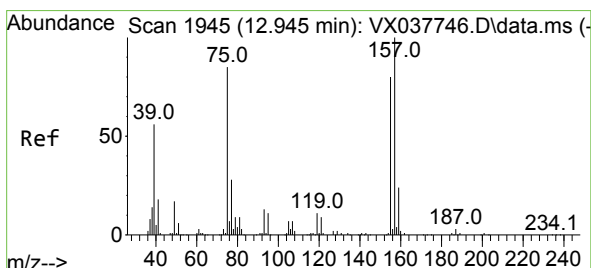
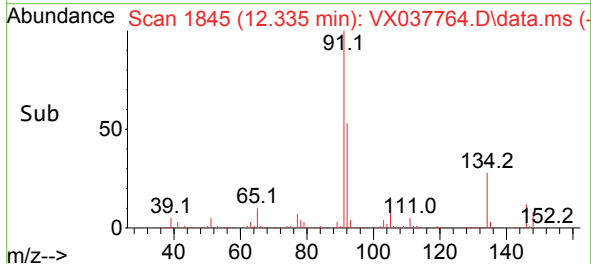
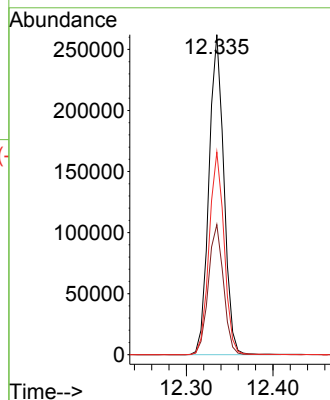
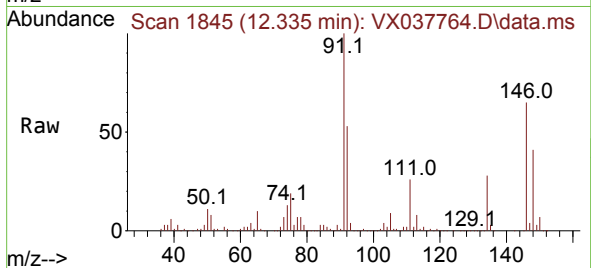




#91  
1,2-Dichlorobenzene  
Concen: 49.012 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

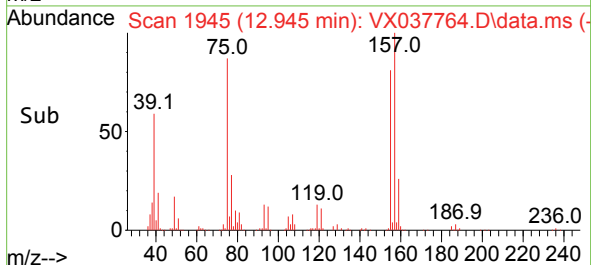
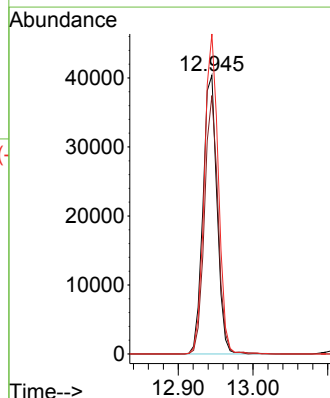
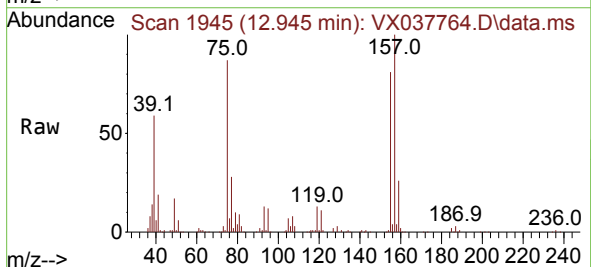
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

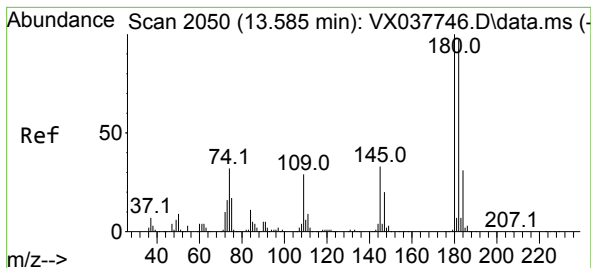
Tgt Ion:146 Resp: 313481  
Ion Ratio Lower Upper  
146 100  
111 41.2 22.4 67.0  
148 63.8 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 55.298 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion: 75 Resp: 52637  
Ion Ratio Lower Upper  
75 100  
155 88.9 36.1 108.5  
157 114.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.427 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

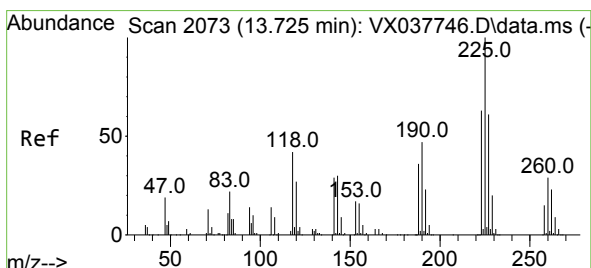
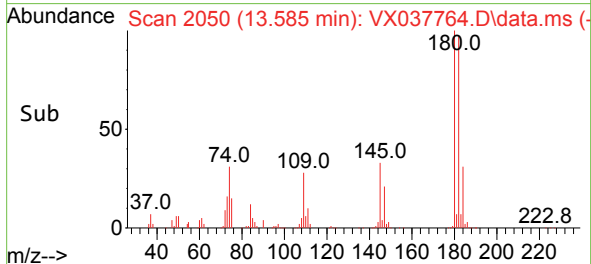
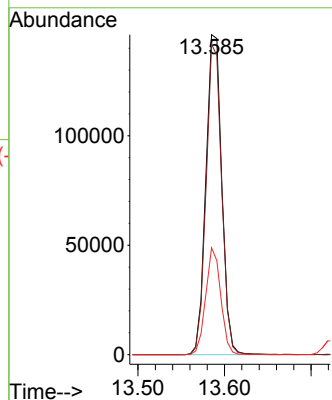
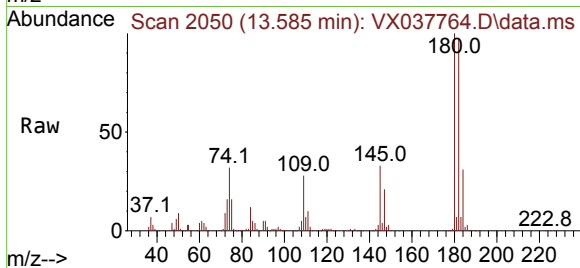
Tgt Ion:180 Resp: 186224

Ion Ratio Lower Upper

180 100

182 95.0 48.3 144.8

145 31.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 46.536 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037764.D

Acq: 15 Sep 2023 18:54

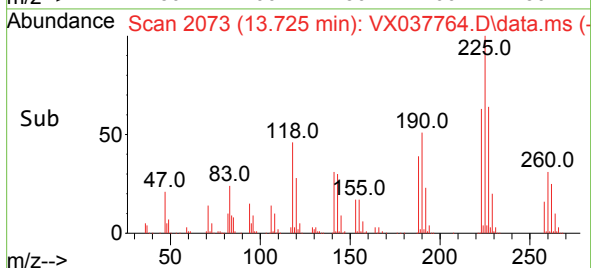
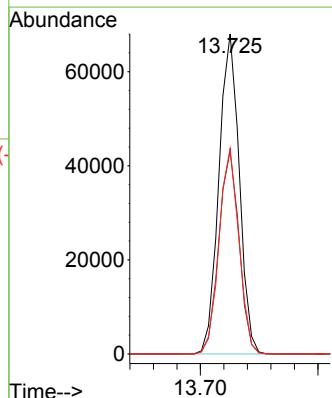
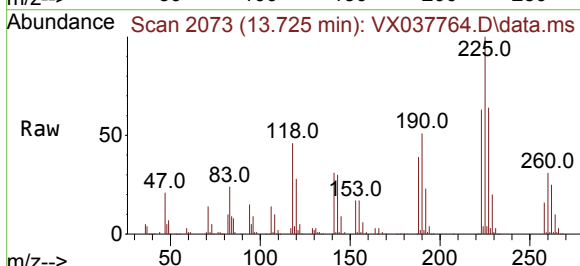
Tgt Ion:225 Resp: 81876

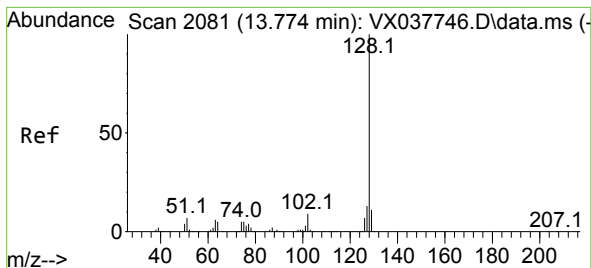
Ion Ratio Lower Upper

225 100

223 62.7 31.1 93.2

227 62.5 32.5 97.5

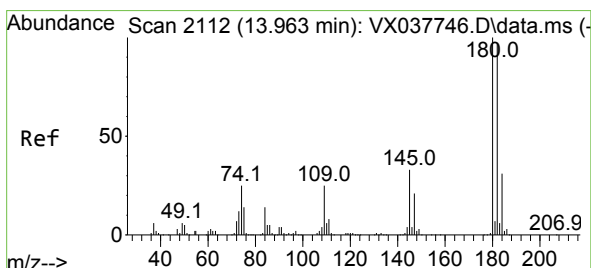
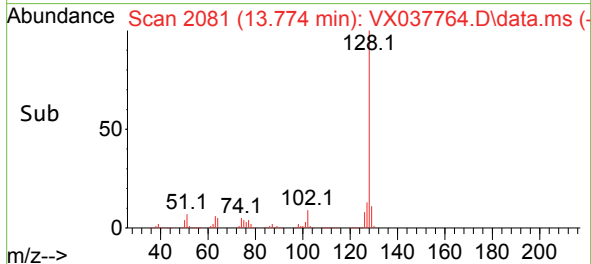
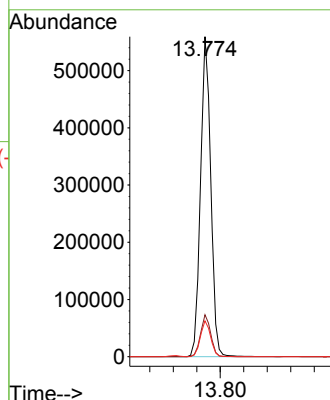
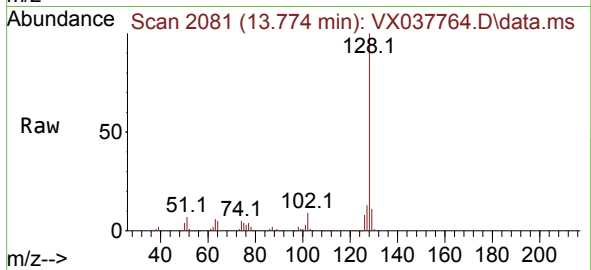




#95  
Naphthalene  
Concen: 53.170 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 677488  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 11.2 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 49.580 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX037764.D  
Acq: 15 Sep 2023 18:54

Tgt Ion:180 Resp: 192231  
Ion Ratio Lower Upper  
180 100  
182 95.0 46.9 140.6  
145 33.2 17.8 53.5

