

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091823\  
 Data File : VX037790.D  
 Acq On : 18 Sep 2023 20:42  
 Operator : JC/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Sep 19 07:26:45 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  | 238191   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 399992   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 389339   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 218726   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 161892   | 51.732   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 103.460% |      |
| 35) Dibromofluoromethane    | 5.385  | 113   | 139257   | 52.032   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 104.060% |      |
| 50) Toluene-d8              | 8.653  | 98    | 520355   | 52.327   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 104.660% |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 202078   | 55.922   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 111.840% |      |

|                              |       |     |         |         |        |      |
|------------------------------|-------|-----|---------|---------|--------|------|
| Target Compounds             |       |     |         |         | Qvalue |      |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 117072  | 46.631  | ug/l   | 98   |
| 3) Chloromethane             | 1.300 | 50  | 126479  | 46.301  | ug/l   | 98   |
| 4) Vinyl Chloride            | 1.373 | 62  | 137613  | 46.696  | ug/l   | 100  |
| 5) Bromomethane              | 1.599 | 94  | 128190  | 60.761  | ug/l   | 97   |
| 6) Chloroethane              | 1.684 | 64  | 92154   | 45.392  | ug/l   | 96   |
| 7) Trichlorofluoromethane    | 1.885 | 101 | 229293  | 48.396  | ug/l   | 100  |
| 8) Diethyl Ether             | 2.135 | 74  | 87320   | 47.572  | ug/l   | 80   |
| 9) 1,1,2-Trichlorotrifluo... | 2.330 | 101 | 115071  | 47.858  | ug/l   | 96   |
| 10) Methyl Iodide            | 2.452 | 142 | 148978  | 46.820  | ug/l   | 92   |
| 11) Tert butyl alcohol       | 2.958 | 59  | 159540  | 237.505 | ug/l   | # 93 |
| 12) 1,1-Dichloroethene       | 2.318 | 96  | 113154  | 48.694  | ug/l   | 86   |
| 13) Acrolein                 | 2.233 | 56  | 177713  | 267.797 | ug/l   | 100  |
| 14) Allyl chloride           | 2.666 | 41  | 181349  | 46.857  | ug/l   | # 95 |
| 15) Acrylonitrile            | 3.062 | 53  | 349648  | 234.112 | ug/l   | 98   |
| 16) Acetone                  | 2.379 | 43  | 280283  | 186.177 | ug/l   | # 89 |
| 17) Carbon Disulfide         | 2.513 | 76  | 267706  | 45.949  | ug/l   | 99   |
| 18) Methyl Acetate           | 2.702 | 43  | 251976  | 46.397  | ug/l   | 92   |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 418050  | 48.905  | ug/l   | 98   |
| 20) Methylene Chloride       | 2.788 | 84  | 139193  | 50.010  | ug/l   | 90   |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 127956  | 49.589  | ug/l   | 88   |
| 22) Diisopropyl ether        | 3.763 | 45  | 397279  | 49.280  | ug/l   | # 86 |
| 23) Vinyl Acetate            | 3.720 | 43  | 1466446 | 247.301 | ug/l   | 96   |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 234497  | 48.541  | ug/l   | 99   |
| 25) 2-Butanone               | 4.556 | 43  | 465116  | 218.934 | ug/l   | 91   |
| 26) 2,2-Dichloropropane      | 4.476 | 77  | 170161  | 43.592  | ug/l   | 94   |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 154639  | 48.884  | ug/l   | 89   |
| 28) Bromochloromethane       | 4.897 | 49  | 104837  | 46.518  | ug/l   | # 80 |
| 29) Tetrahydrofuran          | 5.001 | 42  | 304837  | 230.683 | ug/l   | 89   |
| 30) Chloroform               | 5.098 | 83  | 256217  | 49.234  | ug/l   | 98   |
| 31) Cyclohexane              | 5.470 | 56  | 195137  | 48.582  | ug/l   | 93   |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 220797  | 50.108  | ug/l   | 97   |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 177570  | 48.163  | ug/l   | 96   |
| 37) Ethyl Acetate            | 4.714 | 43  | 185813  | 45.845  | ug/l   | 96   |
| 38) Carbon Tetrachloride     | 5.677 | 117 | 191598  | 49.668  | ug/l   | 97   |
| 39) Methylcyclohexane        | 7.384 | 83  | 223422  | 47.748  | ug/l   | 92   |
| 40) Benzene                  | 6.037 | 78  | 545558  | 48.120  | ug/l   | 100  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091823\  
 Data File : VX037790.D  
 Acq On : 18 Sep 2023 20:42  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 19 07:26:45 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   | 96054    | 46.478  | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 196624   | 47.984  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 306942   | 47.360  | ug/l # | 95       |
| 44) Trichloroethene           | 7.128  | 130  | 145600   | 46.115  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 141160   | 47.944  | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 104737   | 49.452  | ug/l   | 92       |
| 47) Bromodichloromethane      | 7.823  | 83   | 196106   | 50.275  | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.695  | 41   | 148169   | 47.824  | ug/l # | 87       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 79088    | 973.709 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 962846   | 234.159 | ug/l   | 95       |
| 52) Toluene                   | 8.720  | 92   | 352291   | 48.214  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 207428   | 50.858  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 226057   | 50.080  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 9.152  | 97   | 153097   | 49.697  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 228330   | 49.648  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 242435   | 48.632  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 502917   | 234.186 | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 741739   | 231.680 | ug/l   | 93       |
| 60) Dibromochloromethane      | 9.524  | 129  | 159487   | 51.969  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 164014   | 50.285  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.274  | 164  | 125318   | 47.197  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 390990   | 46.557  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.164 | 131  | 144562   | 48.574  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 694895   | 47.726  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 542819   | 96.480  | ug/l   | 96       |
| 69) o-Xylene                  | 10.640 | 106  | 269041   | 47.686  | ug/l   | 97       |
| 70) Styrene                   | 10.658 | 104  | 451823   | 49.884  | ug/l   | 96       |
| 71) Bromoform                 | 10.799 | 173  | 120197   | 51.125  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 708200   | 44.133  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.841 | 43   | 294702   | 45.347  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 249740   | 44.252  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.237 | 75   | 261745   | 51.739  | ug/l   | 90       |
| 77) Bromobenzene              | 11.201 | 156  | 177081   | 44.585  | ug/l   | 88       |
| 78) n-propylbenzene           | 11.305 | 91   | 829511   | 45.772  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.365 | 91   | 489178   | 43.778  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 610443   | 45.046  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 69660    | 44.110  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 572256   | 45.490  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 619944   | 45.264  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 613275   | 45.485  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 775516   | 46.672  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 651345   | 47.050  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 340334   | 45.968  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 344425   | 45.462  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 595297   | 49.086  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.542 | 117  | 113071   | 48.206  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 341354   | 45.158  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.944 | 75   | 50896    | 45.242  | ug/l   | 75       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 220333   | 49.483  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 98504    | 47.372  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 715315   | 47.501  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 220073   | 48.027  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091823\  
Data File : VX037790.D  
Acq On : 18 Sep 2023 20:42  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 27 Sample Multiplier: 1

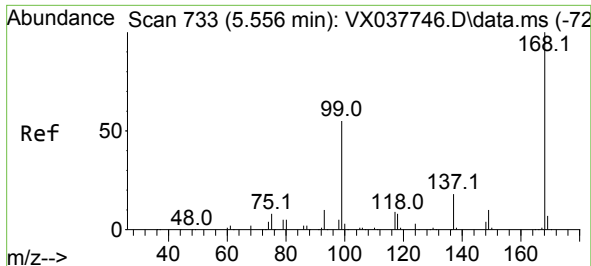
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Sep 19 07:26:45 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) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

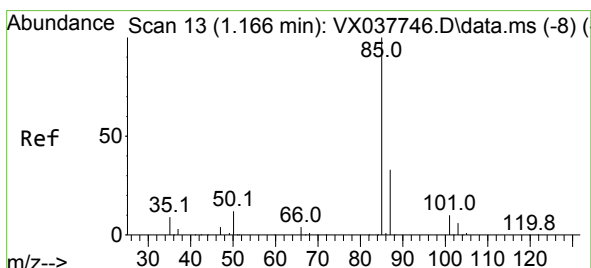
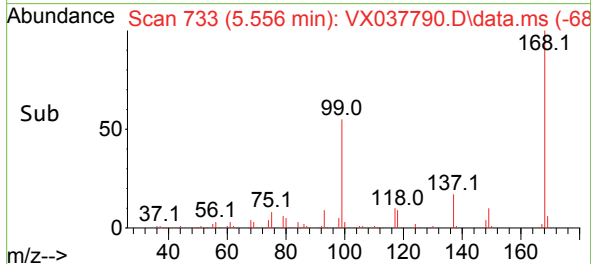
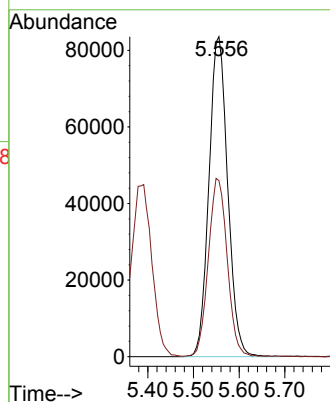
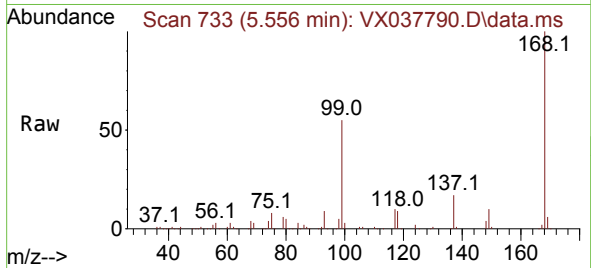




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

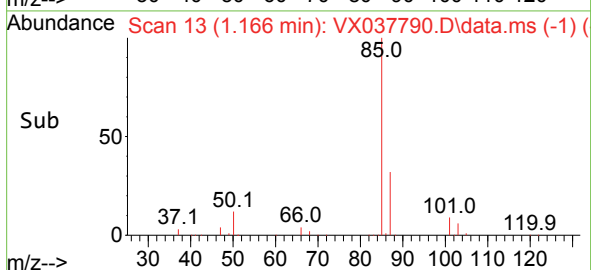
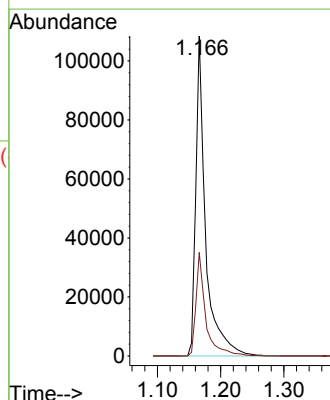
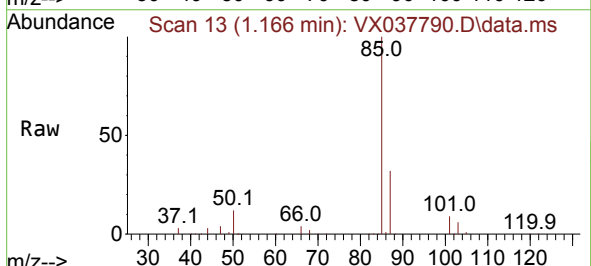
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

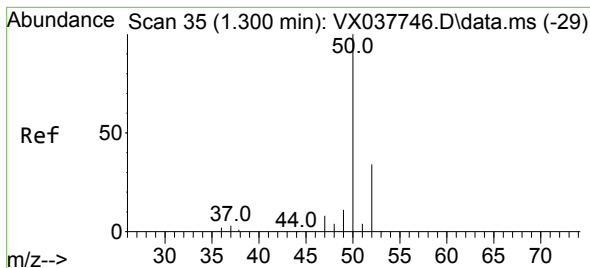
Tgt Ion:168 Resp: 238191  
Ion Ratio Lower Upper  
168 100  
99 54.9 56.6 85.0#



#2  
Dichlorodifluoromethane  
Concen: 46.631 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion: 85 Resp: 117072  
Ion Ratio Lower Upper  
85 100  
87 32.3 16.7 50.1





#3

Chloromethane

Concen: 46.301 ug/l

RT: 1.300 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

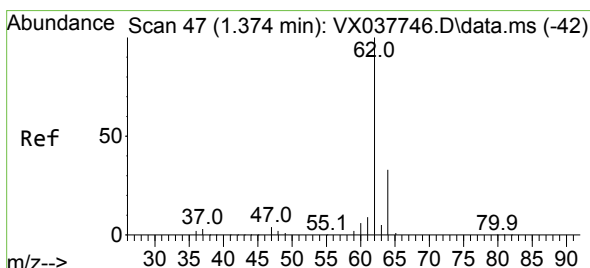
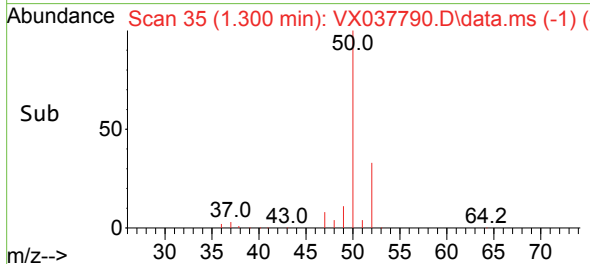
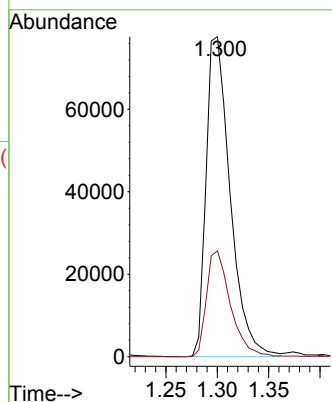
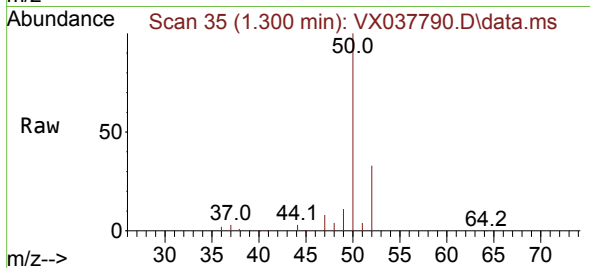
VSTDCCC050EC

Tgt Ion: 50 Resp: 126479

Ion Ratio Lower Upper

50 100

52 33.0 25.5 38.3



#4

Vinyl Chloride

Concen: 46.696 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX037790.D

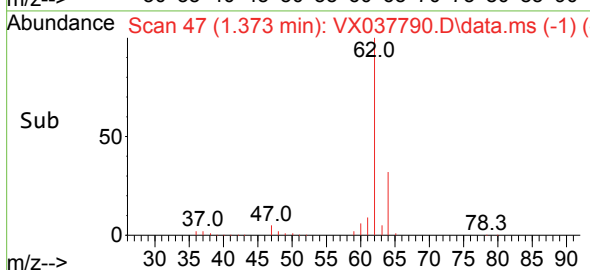
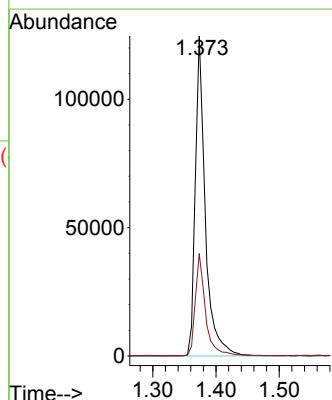
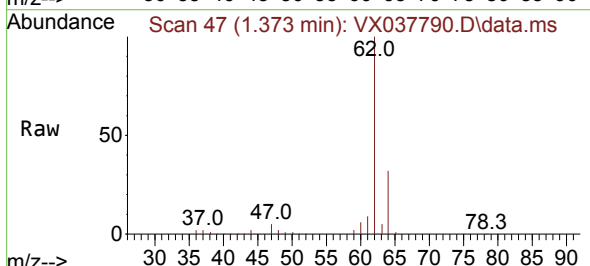
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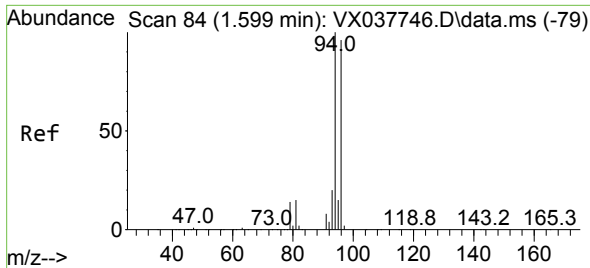
Tgt Ion: 62 Resp: 137613

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0

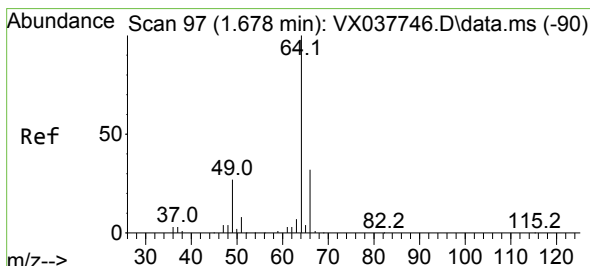
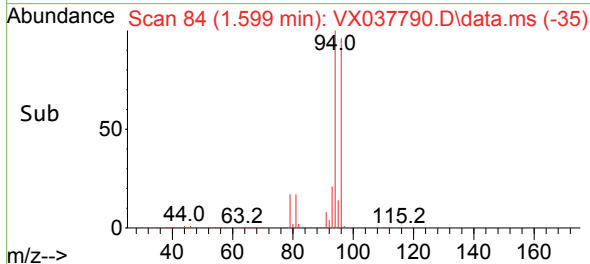
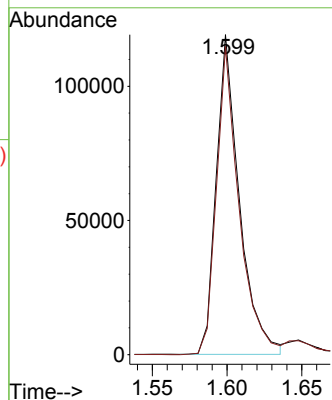
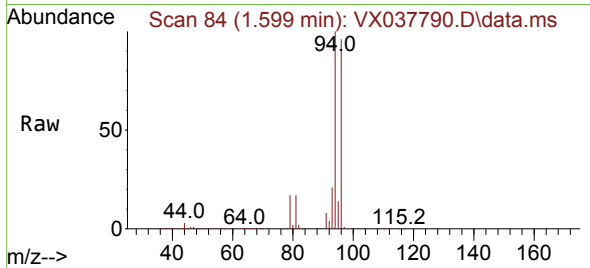




#5  
 Bromomethane  
 Concen: 60.761 ug/l  
 RT: 1.599 min Scan# 84  
 Delta R.T. -0.000 min  
 Lab File: VX037790.D  
 Acq: 18 Sep 2023 20:42

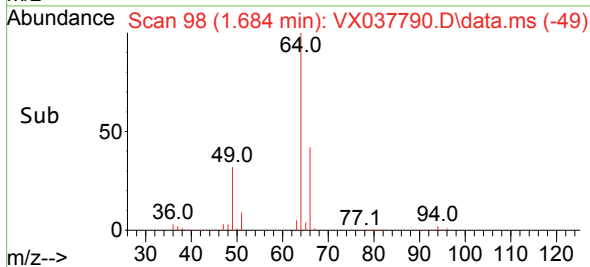
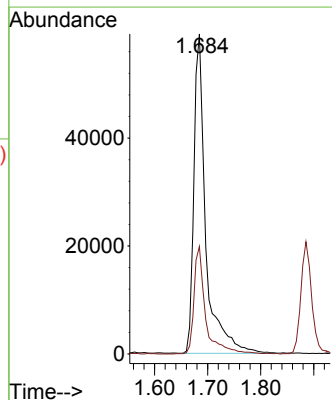
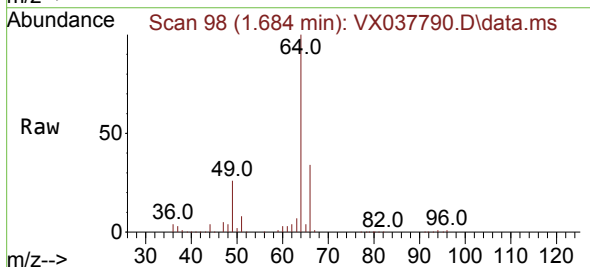
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

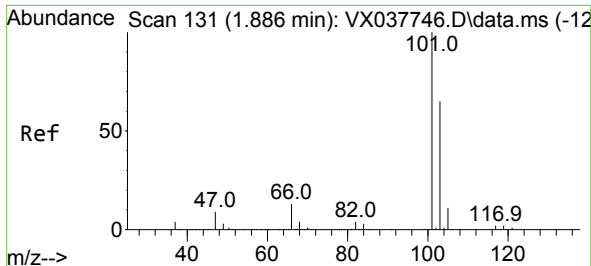
Tgt Ion: 94 Resp: 128190  
 Ion Ratio Lower Upper  
 94 100  
 96 96.4 74.6 111.8



#6  
 Chloroethane  
 Concen: 45.392 ug/l  
 RT: 1.684 min Scan# 98  
 Delta R.T. -0.001 min  
 Lab File: VX037790.D  
 Acq: 18 Sep 2023 20:42

Tgt Ion: 64 Resp: 92154  
 Ion Ratio Lower Upper  
 64 100  
 66 33.7 25.1 37.7

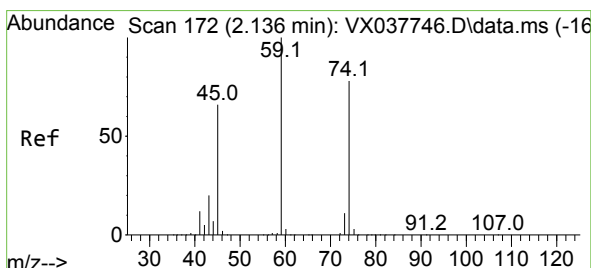
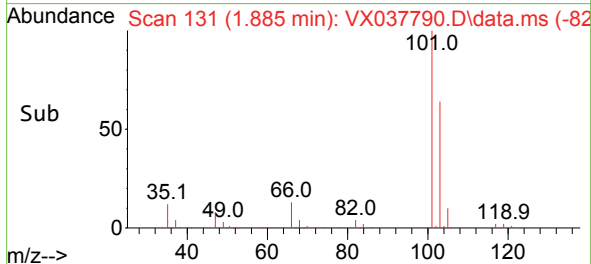
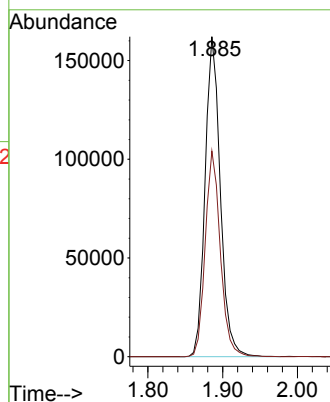
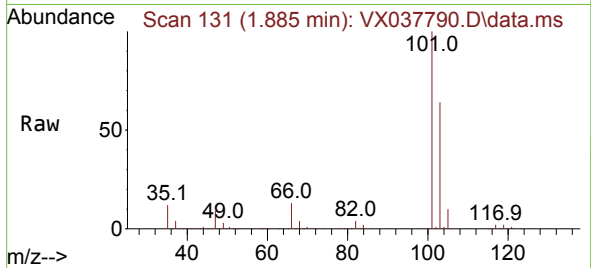




#7  
 Trichlorofluoromethane  
 Concen: 48.396 ug/l  
 RT: 1.885 min Scan# 131  
 Delta R.T. -0.000 min  
 Lab File: VX037790.D  
 Acq: 18 Sep 2023 20:42

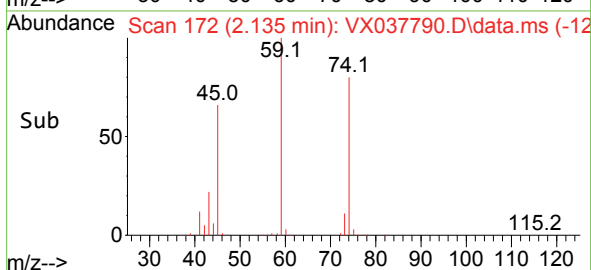
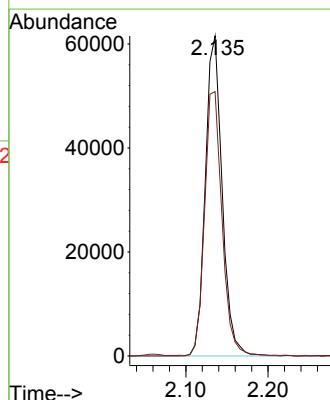
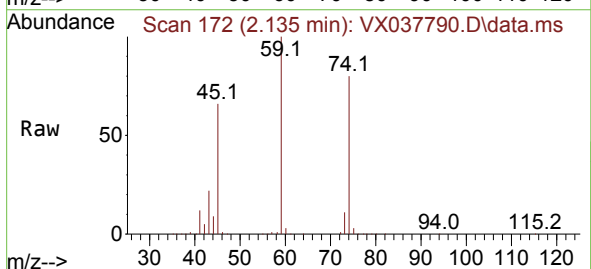
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

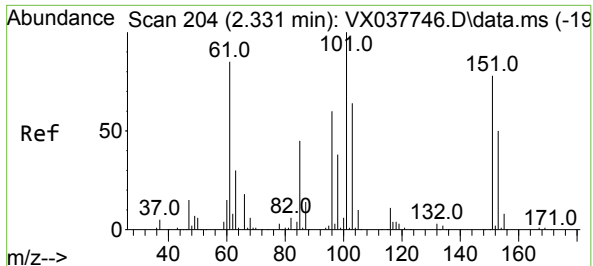
Tgt Ion:101 Resp: 229293  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 47.572 ug/l  
 RT: 2.135 min Scan# 172  
 Delta R.T. 0.006 min  
 Lab File: VX037790.D  
 Acq: 18 Sep 2023 20:42

Tgt Ion: 74 Resp: 87320  
 Ion Ratio Lower Upper  
 74 100  
 45 86.2 53.3 159.8

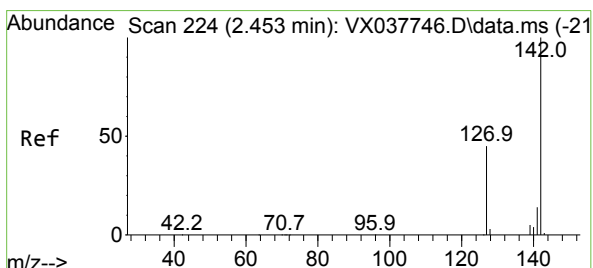
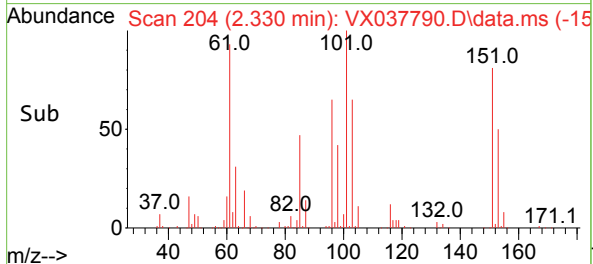
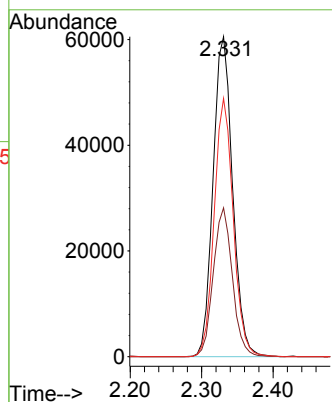
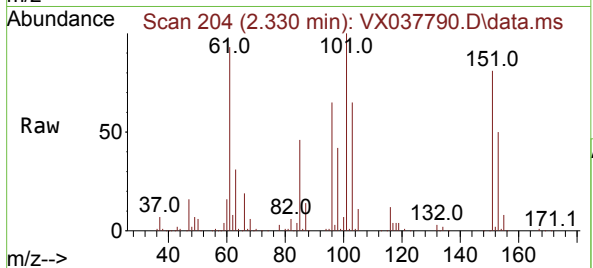




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.858 ug/l  
RT: 2.330 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

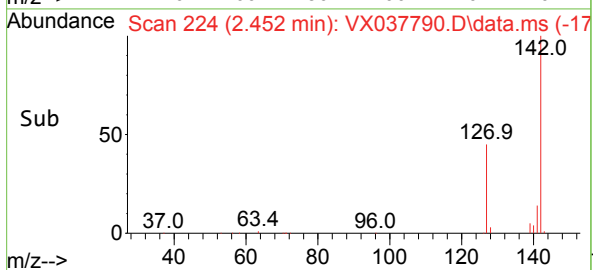
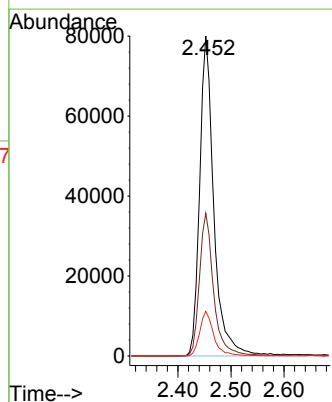
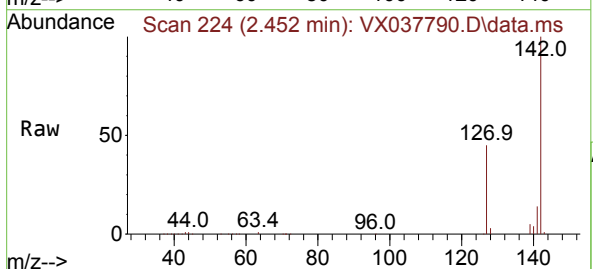
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

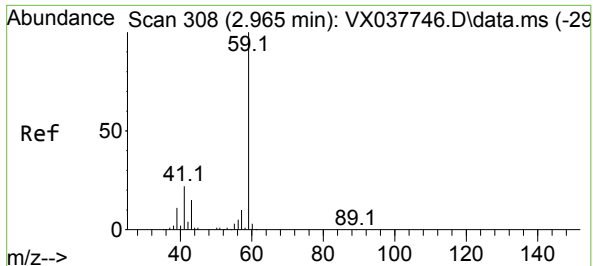
Tgt Ion:101 Resp: 115071  
Ion Ratio Lower Upper  
101 100  
85 45.5 37.0 55.6  
151 78.7 58.6 87.8



#10  
Methyl Iodide  
Concen: 46.820 ug/l  
RT: 2.452 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion:142 Resp: 148978  
Ion Ratio Lower Upper  
142 100  
127 44.6 41.6 62.4  
141 13.9 11.6 17.4

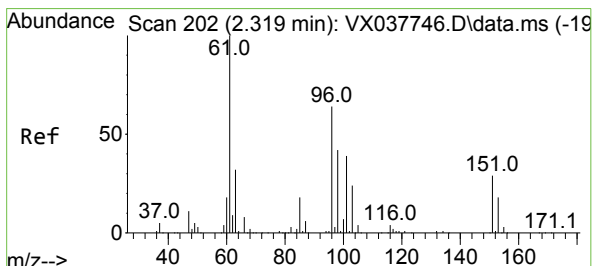
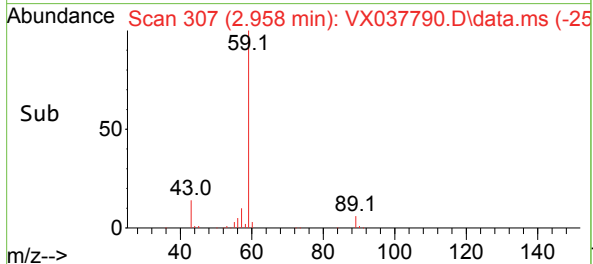
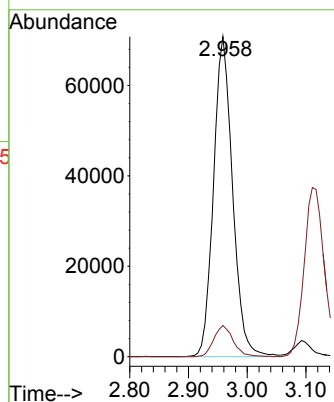
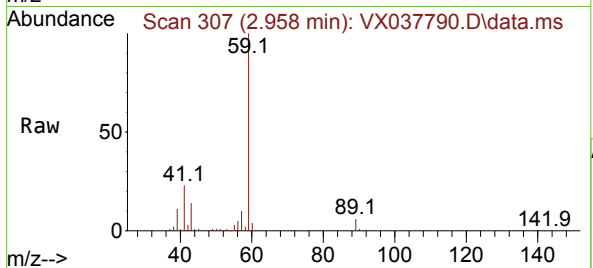




#11  
Tert butyl alcohol  
Concen: 237.505 ug/l  
RT: 2.958 min Scan# 308  
Delta R.T. -0.006 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

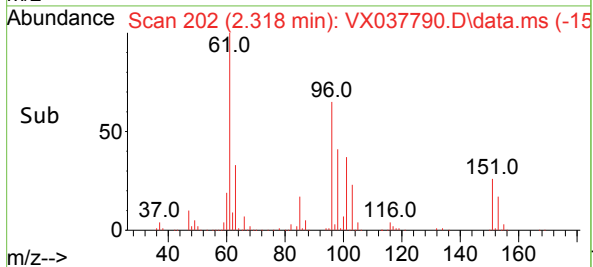
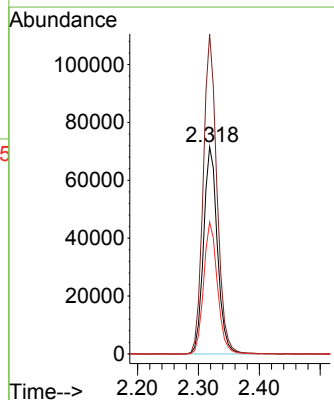
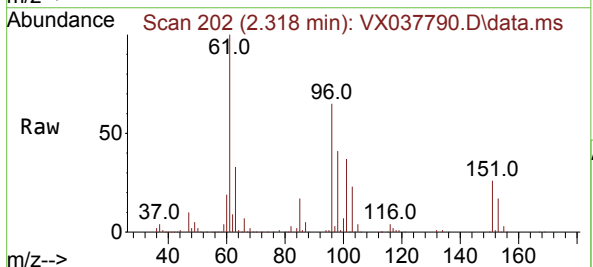
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

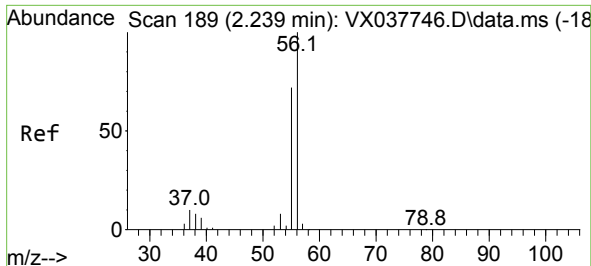
Tgt Ion: 59 Resp: 159540  
Ion Ratio Lower Upper  
59 100  
57 9.9 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 48.694 ug/l  
RT: 2.318 min Scan# 202  
Delta R.T. -0.007 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion: 96 Resp: 113154  
Ion Ratio Lower Upper  
96 100  
61 154.6 144.6 216.8  
98 63.6 50.4 75.6





#13

Acrolein

Concen: 267.797 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

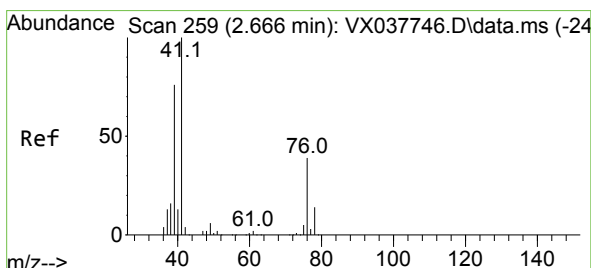
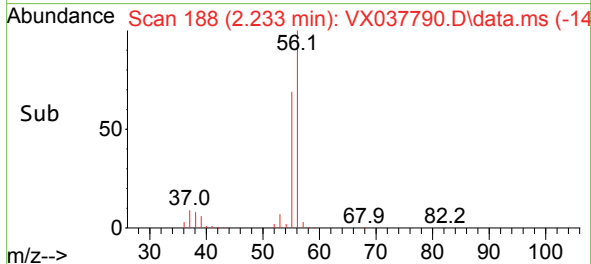
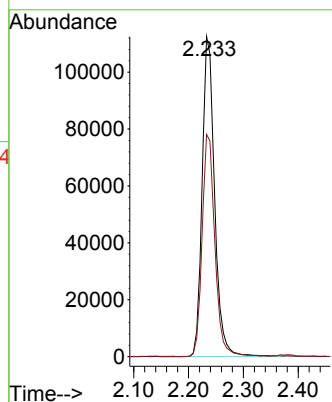
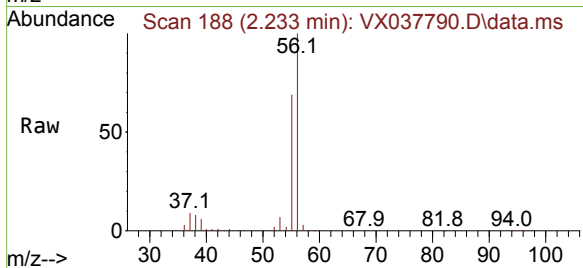
VSTDCCC050EC

Tgt Ion: 56 Resp: 177713

Ion Ratio Lower Upper

56 100

55 71.0 57.1 85.7



#14

Allyl chloride

Concen: 46.857 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

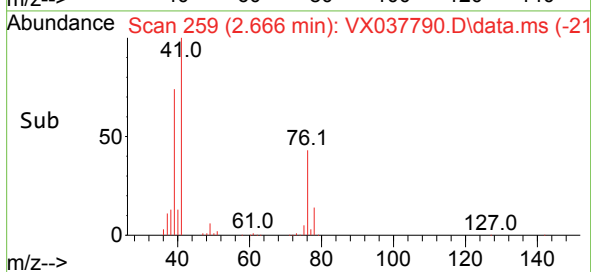
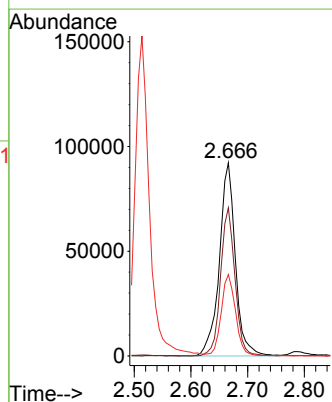
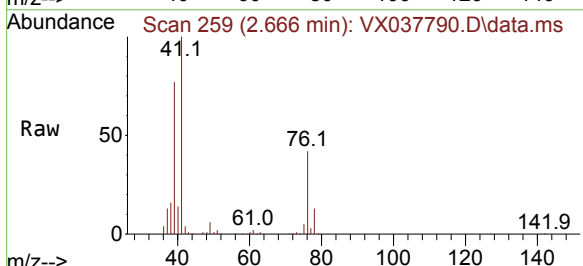
Tgt Ion: 41 Resp: 181349

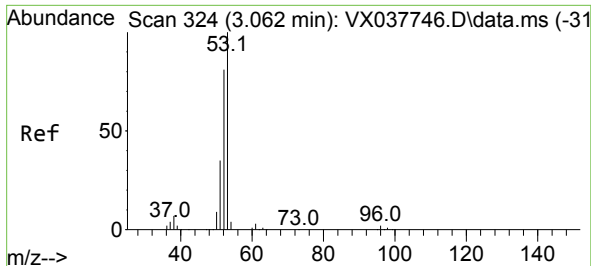
Ion Ratio Lower Upper

41 100

39 68.8 55.8 83.6

76 37.8 24.3 36.5#

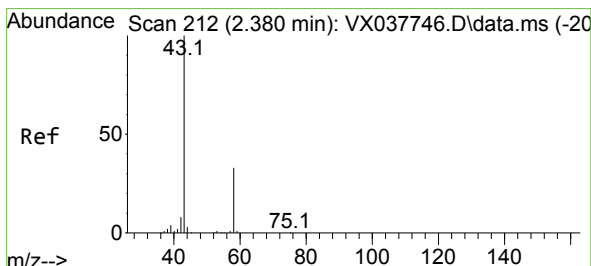
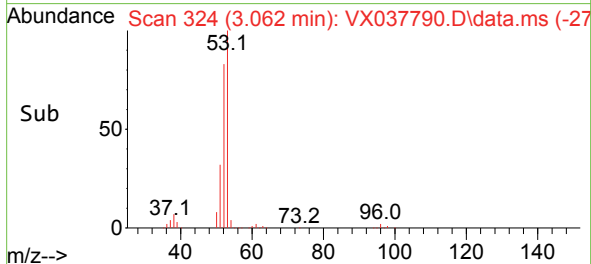
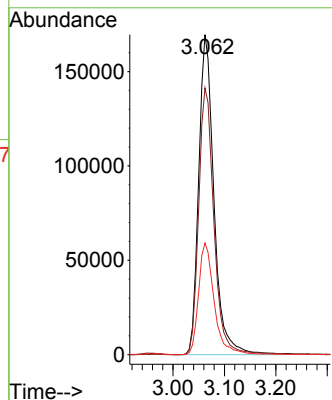
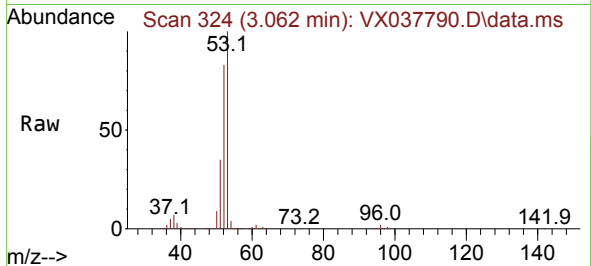




#15  
Acrylonitrile  
Concen: 234.112 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

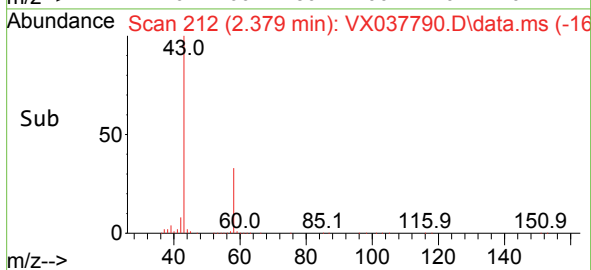
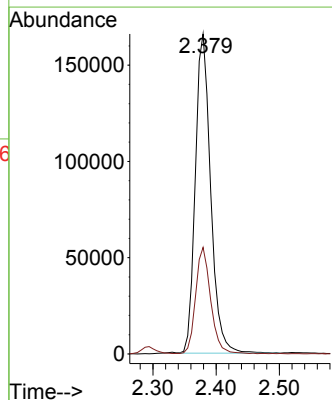
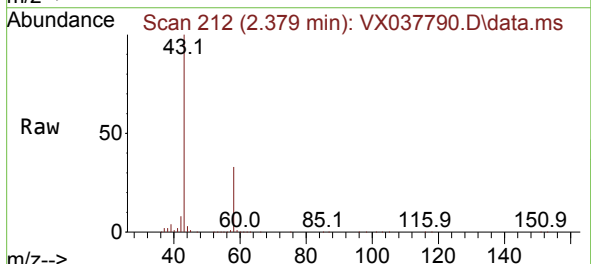
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

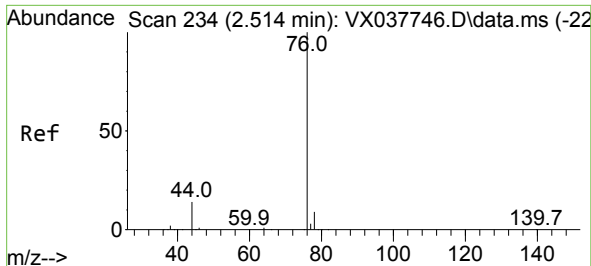
Tgt Ion: 53 Resp: 349648  
Ion Ratio Lower Upper  
53 100  
52 83.8 66.0 99.0  
51 35.8 29.8 44.6



#16  
Acetone  
Concen: 186.177 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion: 43 Resp: 280283  
Ion Ratio Lower Upper  
43 100  
58 33.2 21.9 32.9#

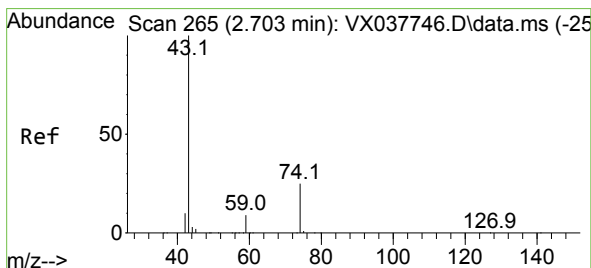
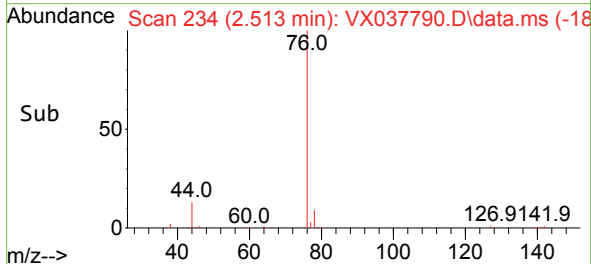
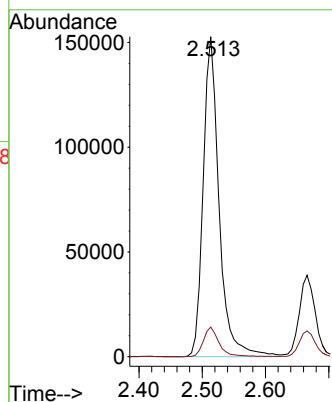
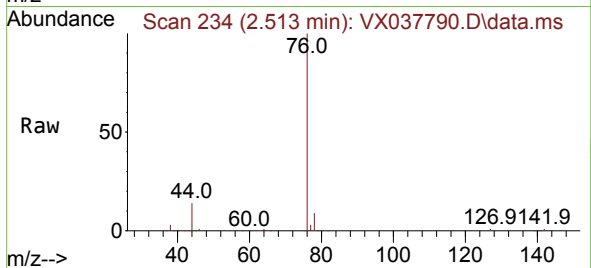




#17  
Carbon Disulfide  
Concen: 45.949 ug/l  
RT: 2.513 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

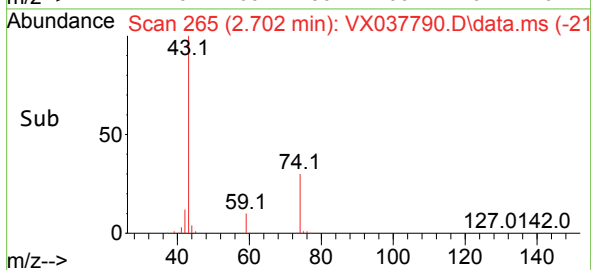
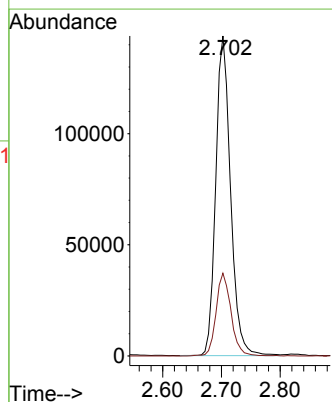
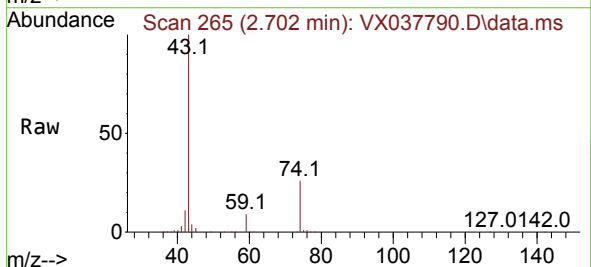
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

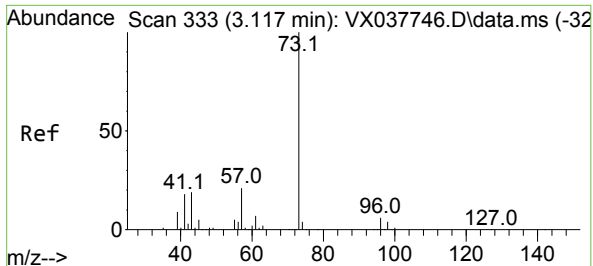
Tgt Ion: 76 Resp: 267706  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6



#18  
Methyl Acetate  
Concen: 46.397 ug/l  
RT: 2.702 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion: 43 Resp: 251976  
Ion Ratio Lower Upper  
43 100  
74 26.2 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 48.905 ug/l

RT: 3.117 min Scan# 311

Delta R.T. -0.007 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

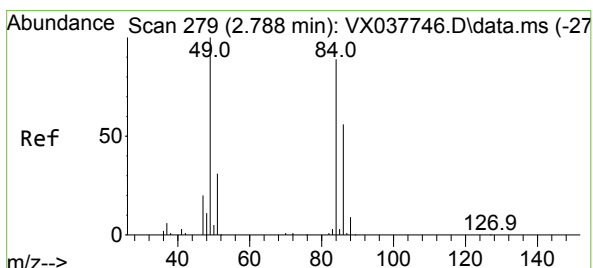
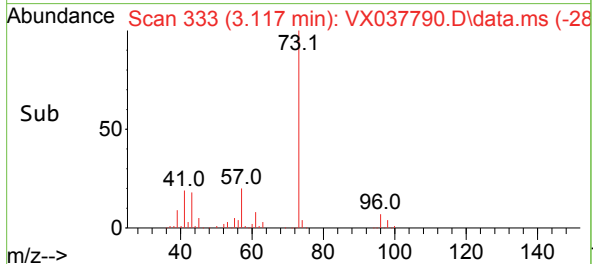
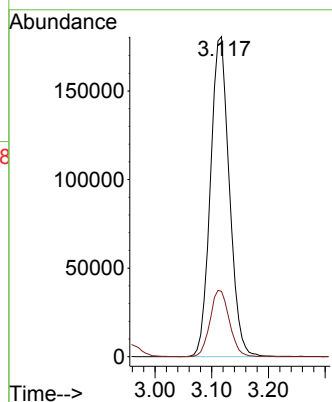
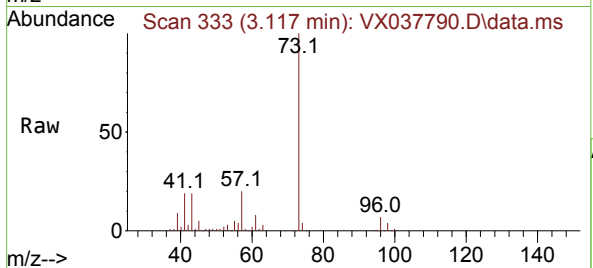
VSTDCCC050EC

Tgt Ion: 73 Resp: 418050

Ion Ratio Lower Upper

73 100

57 20.5 17.3 25.9



#20

Methylene Chloride

Concen: 50.010 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Tgt Ion: 84 Resp: 139193

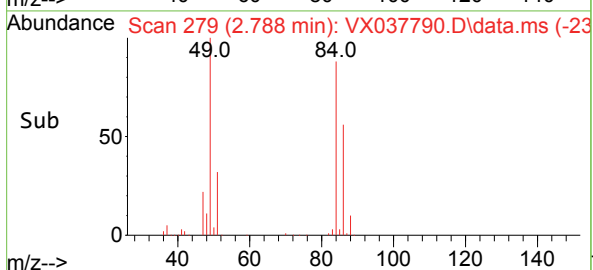
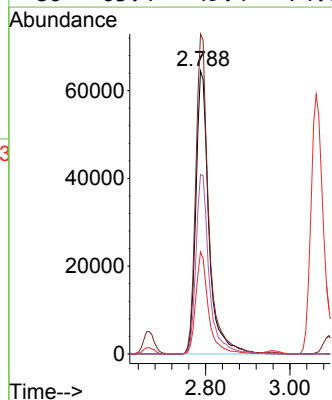
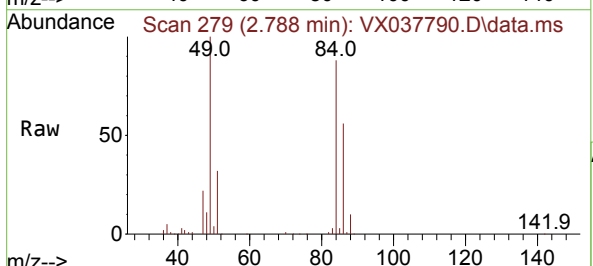
Ion Ratio Lower Upper

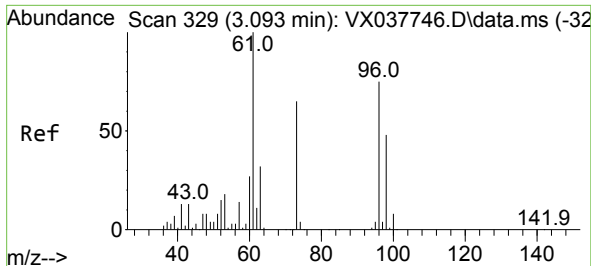
84 100

49 113.0 103.6 155.4

51 36.1 33.8 50.6

86 63.4 49.4 74.0

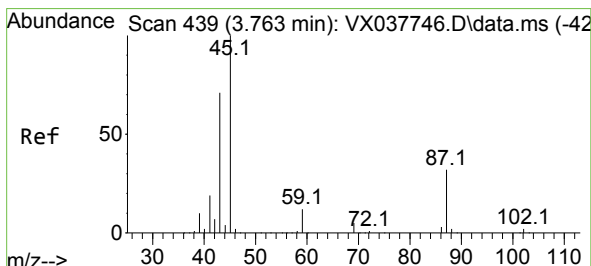
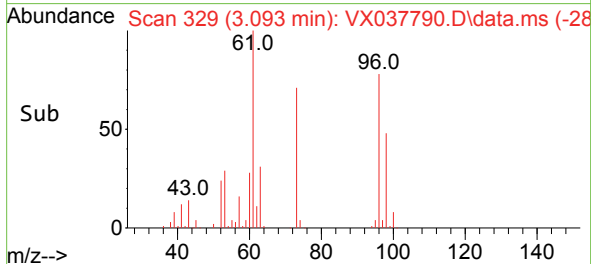
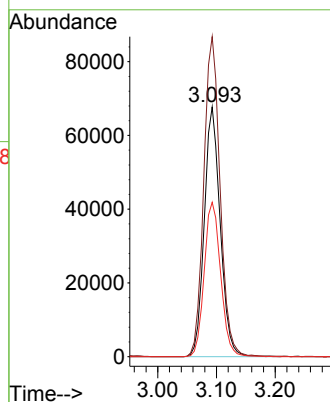
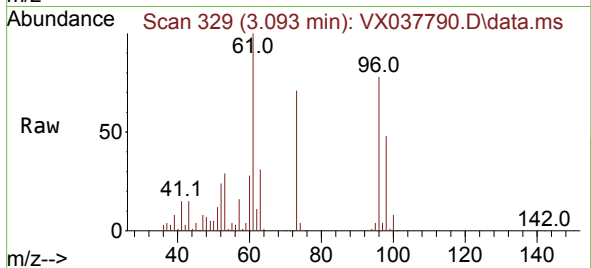




#21  
trans-1,2-Dichloroethene  
Concen: 49.589 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

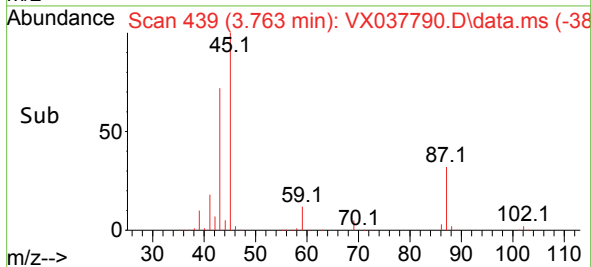
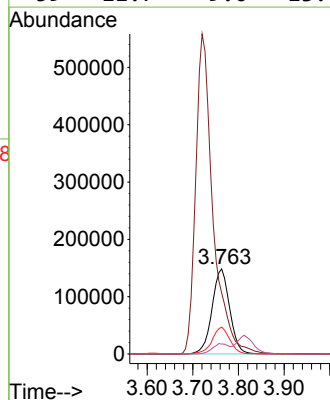
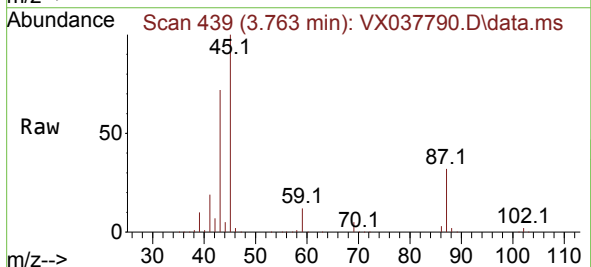
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

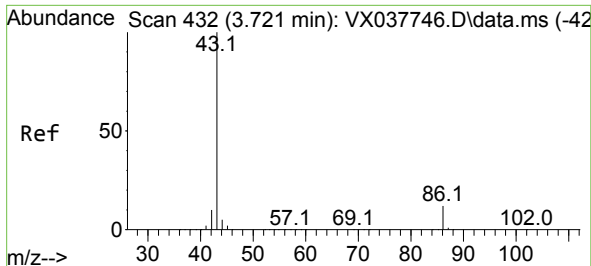
Tgt Ion: 96 Resp: 127956  
Ion Ratio Lower Upper  
96 100  
61 128.1 119.2 178.8  
98 61.8 48.7 73.1



#22  
Diisopropyl ether  
Concen: 49.280 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion: 45 Resp: 397279  
Ion Ratio Lower Upper  
45 100  
43 71.8 69.7 104.5  
87 31.6 20.8 31.2#  
59 11.7 9.0 13.4

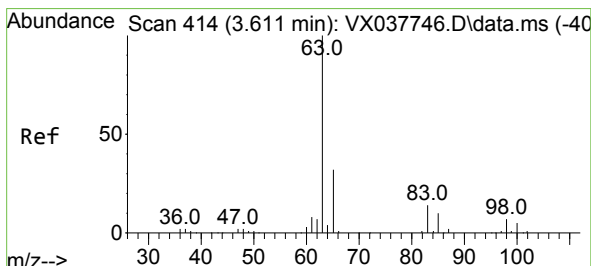
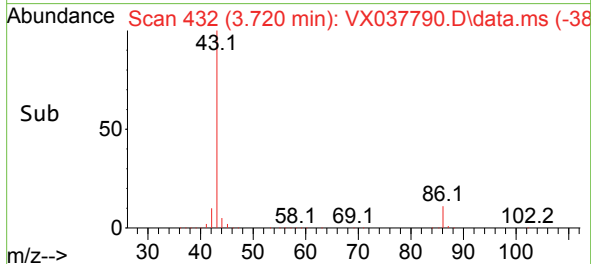
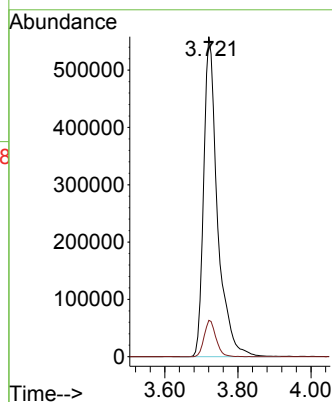
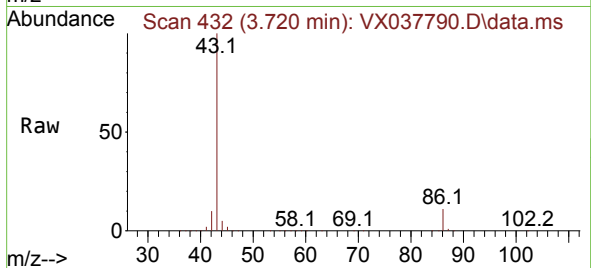




#23  
 Vinyl Acetate  
 Concen: 247.301 ug/l  
 RT: 3.720 min Scan# 41  
 Delta R.T. -0.007 min  
 Lab File: VX037790.D  
 Acq: 18 Sep 2023 20:42

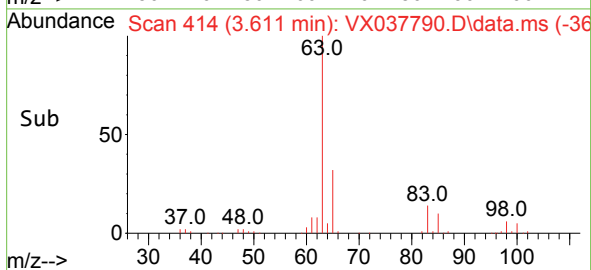
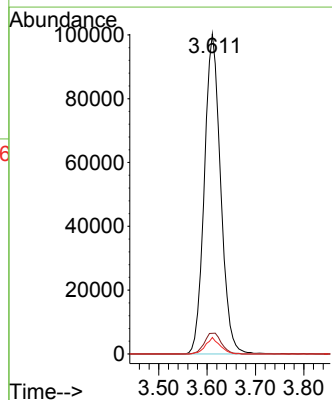
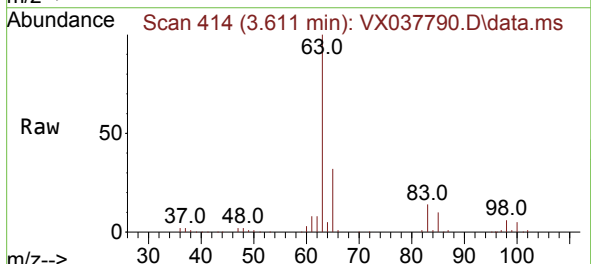
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

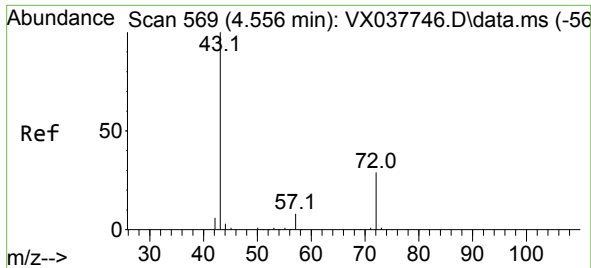
Tgt Ion: 43 Resp: 1466446  
 Ion Ratio Lower Upper  
 43 100  
 86 11.4 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 48.541 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX037790.D  
 Acq: 18 Sep 2023 20:42

Tgt Ion: 63 Resp: 234497  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.3 9.8  
 100 5.1 2.1 6.5

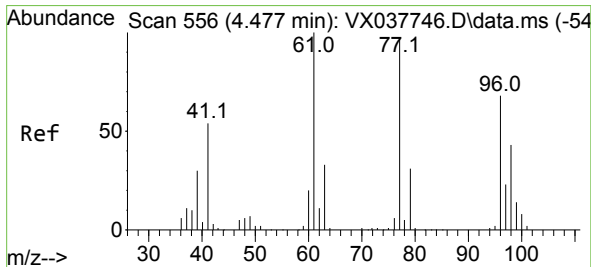
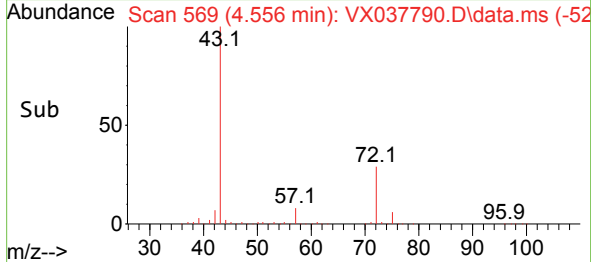
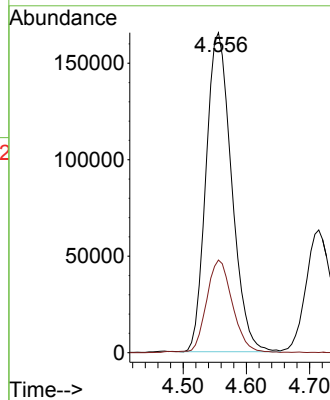
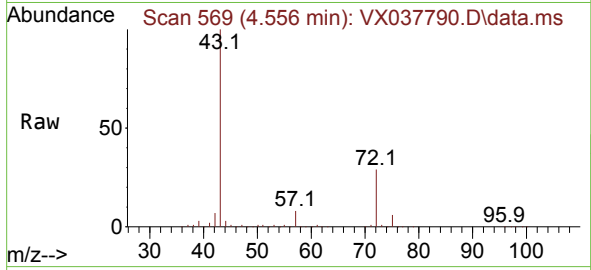




#25  
2-Butanone  
Concen: 218.934 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. -0.013 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

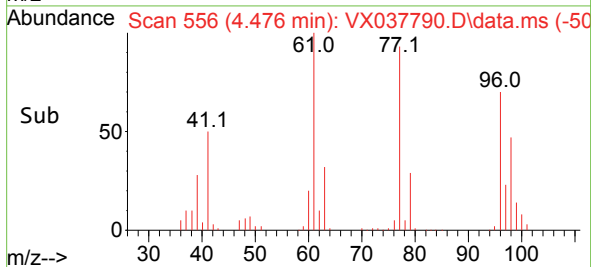
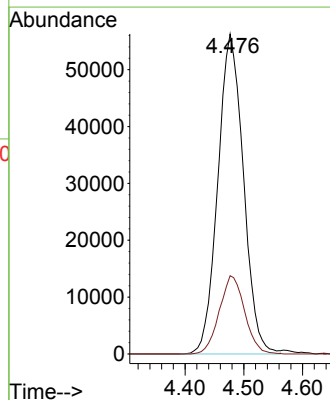
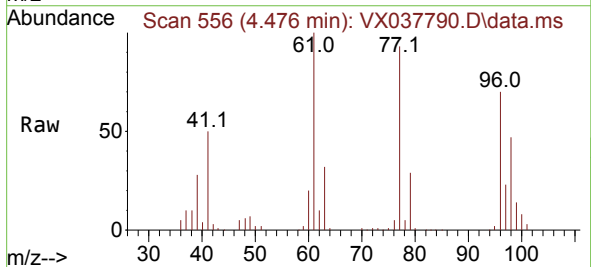
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

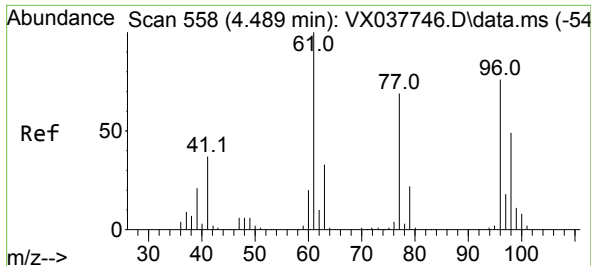
Tgt Ion: 43 Resp: 465116  
Ion Ratio Lower Upper  
43 100  
72 28.9 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 43.592 ug/l  
RT: 4.476 min Scan# 556  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion: 77 Resp: 170161  
Ion Ratio Lower Upper  
77 100  
97 24.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.884 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

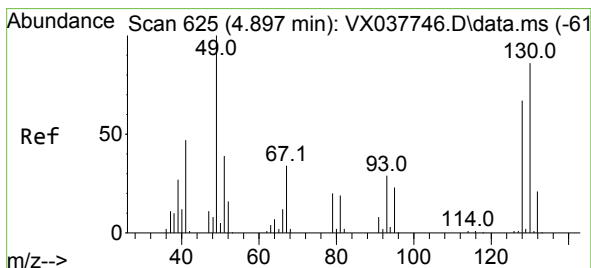
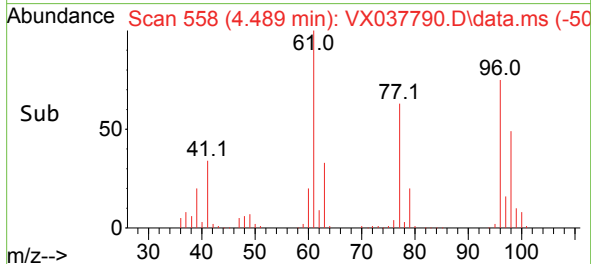
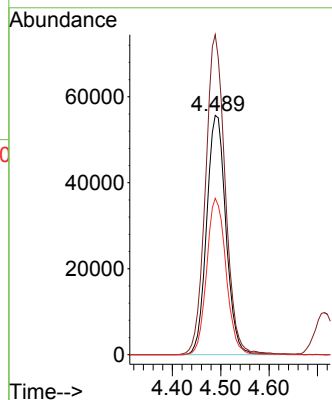
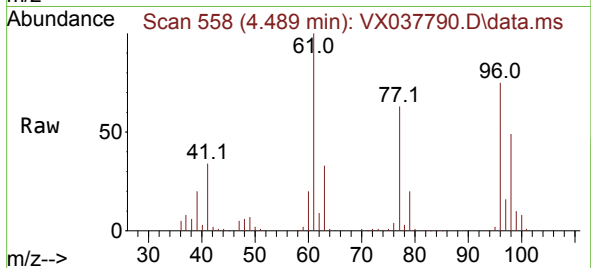
Tgt Ion: 96 Resp: 154639

Ion Ratio Lower Upper

96 100

61 136.3 0.0 312.2

98 65.4 0.0 129.0



#28

Bromochloromethane

Concen: 46.518 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.007 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

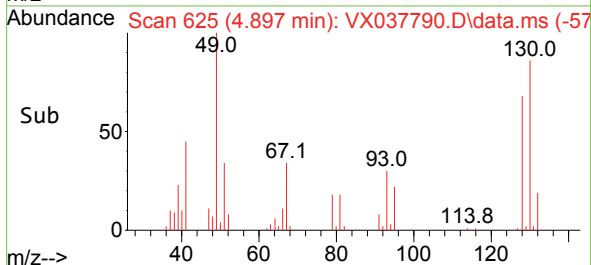
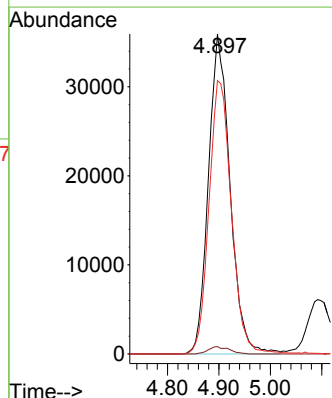
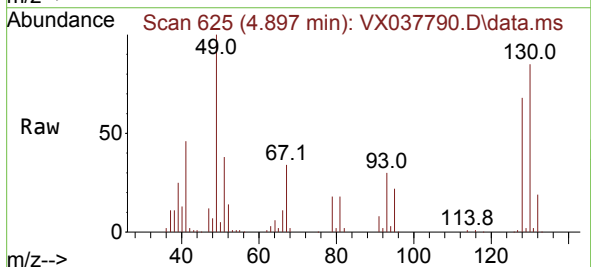
Tgt Ion: 49 Resp: 104837

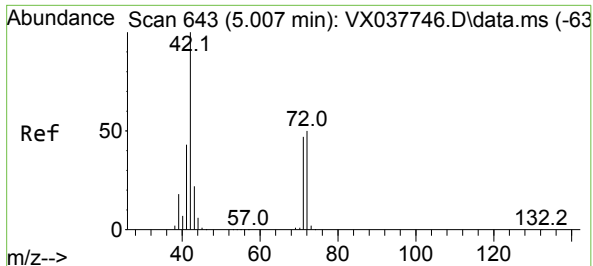
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 88.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 230.683 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.013 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

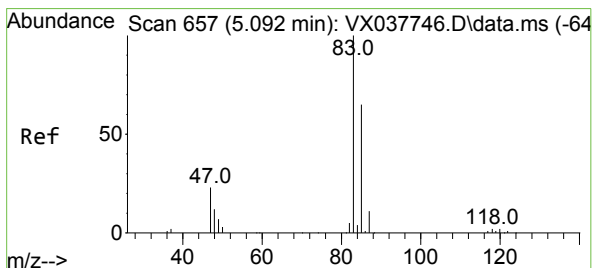
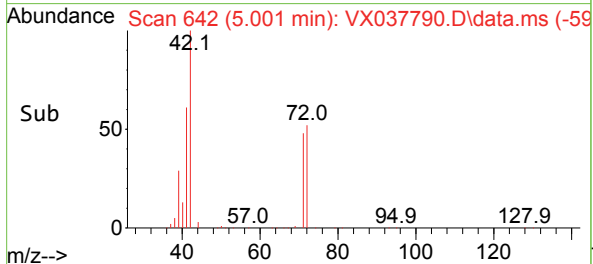
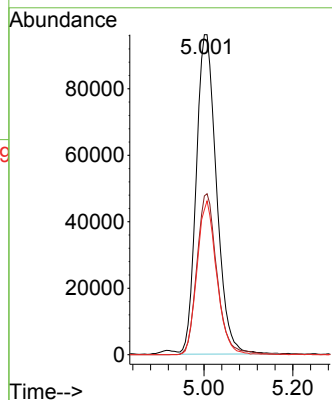
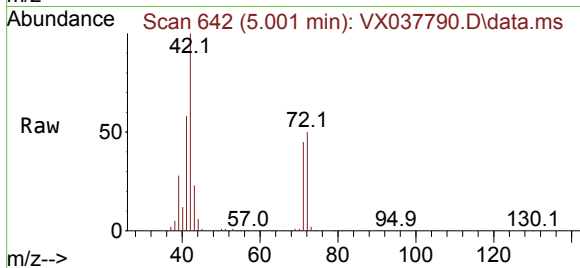
Tgt Ion: 42 Resp: 304837

Ion Ratio Lower Upper

42 100

72 50.1 34.2 51.4

71 46.7 32.2 48.2



#30

Chloroform

Concen: 49.234 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037790.D

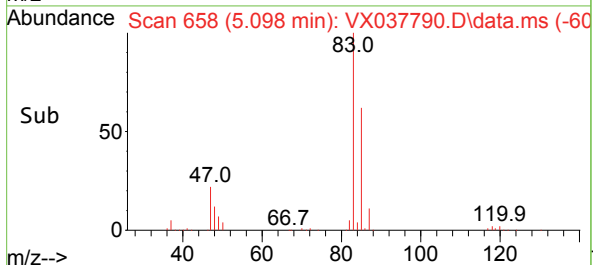
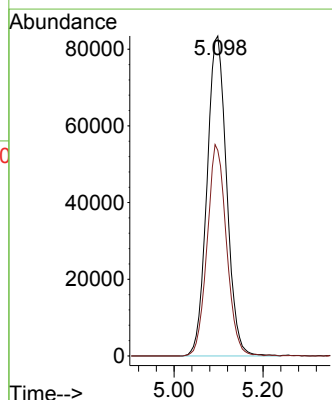
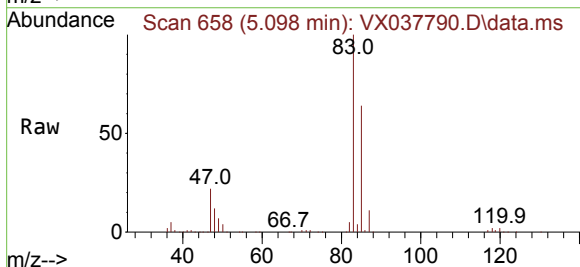
Acq: 18 Sep 2023 20:42

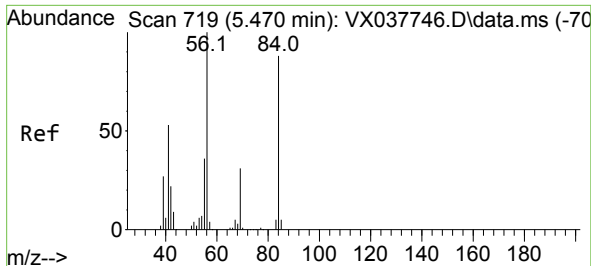
Tgt Ion: 83 Resp: 256217

Ion Ratio Lower Upper

83 100

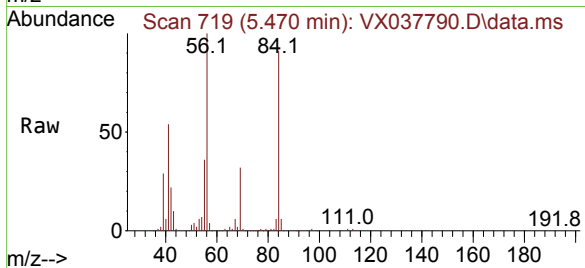
85 64.2 50.3 75.5



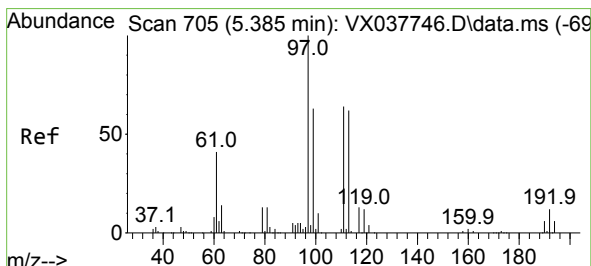
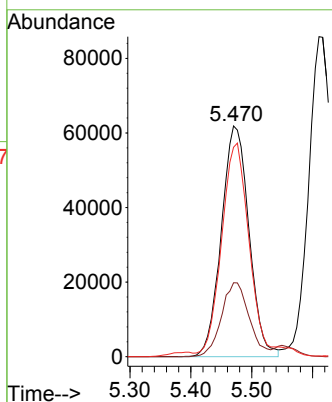
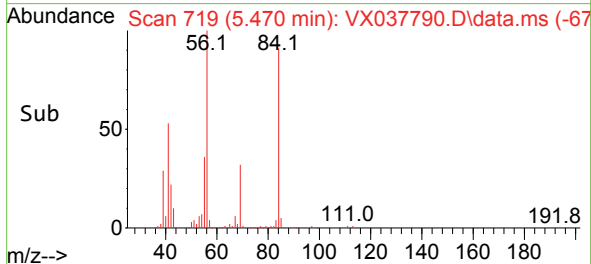


#31  
Cyclohexane  
Concen: 48.582 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

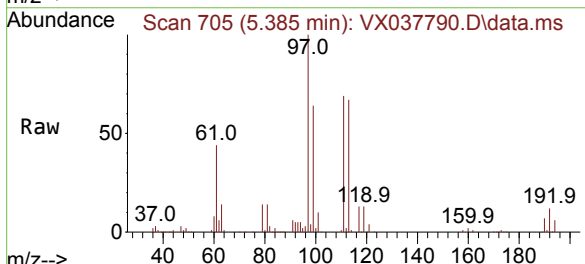
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



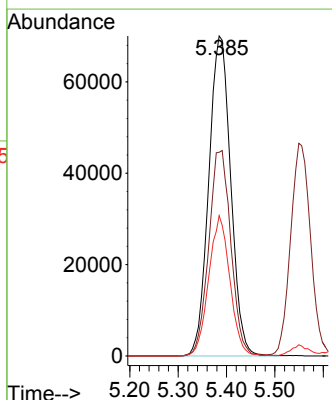
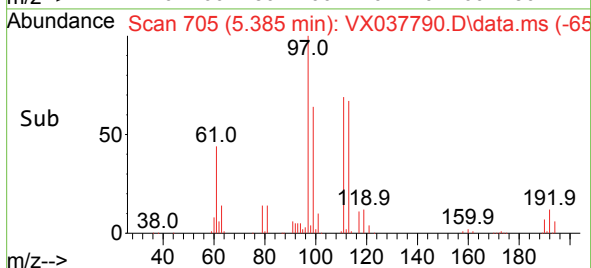
Tgt Ion: 56 Resp: 195137  
Ion Ratio Lower Upper  
56 100  
69 32.0 23.4 35.2  
84 89.0 65.9 98.9

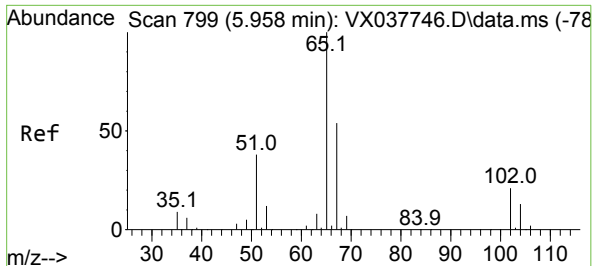


#32  
1,1,1-Trichloroethane  
Concen: 50.108 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42



Tgt Ion: 97 Resp: 220797  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.1 76.7  
61 42.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.732 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

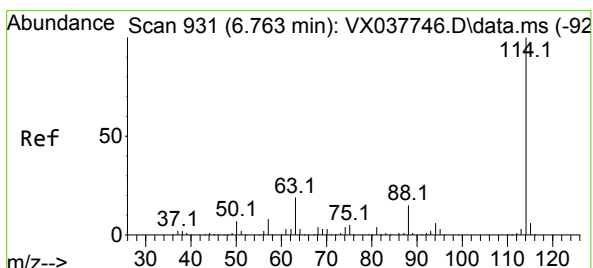
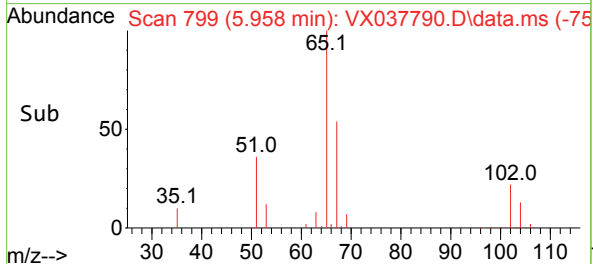
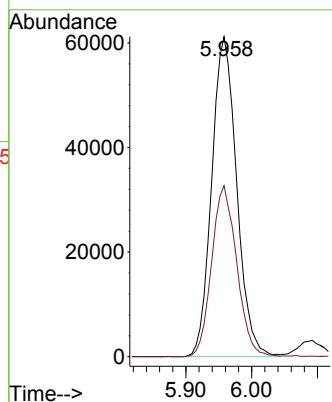
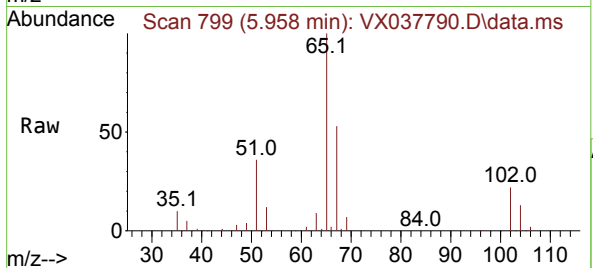
VSTDCCC050EC

Tgt Ion: 65 Resp: 161892

Ion Ratio Lower Upper

65 100

67 53.5 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: VX037790.D

Acq: 18 Sep 2023 20:42

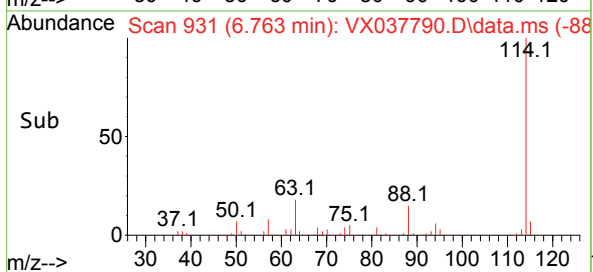
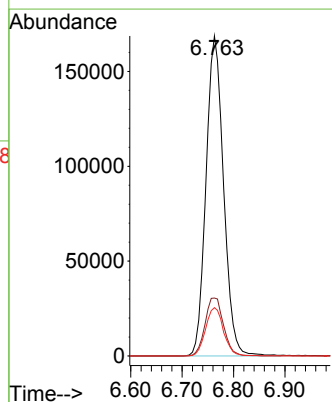
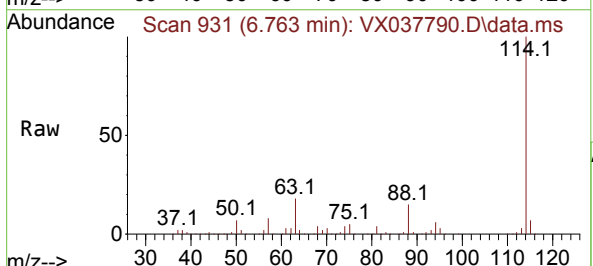
Tgt Ion: 114 Resp: 399992

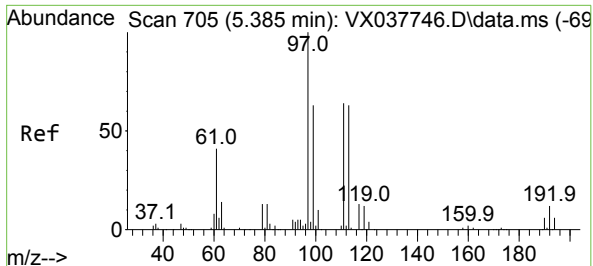
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

88 15.1 0.0 36.6

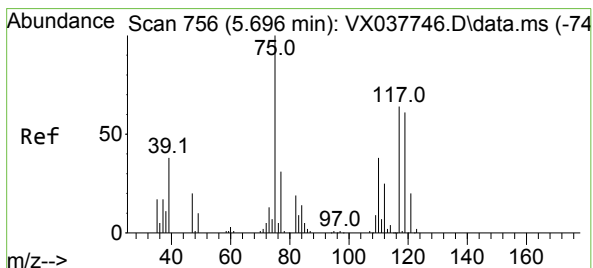
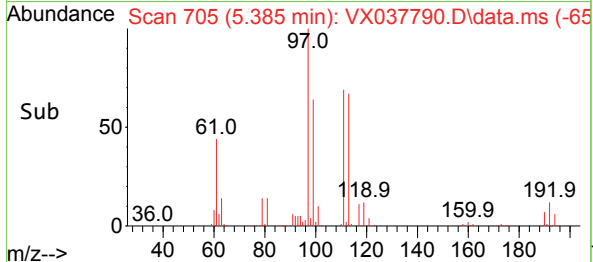
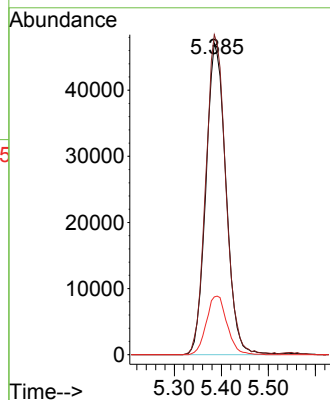
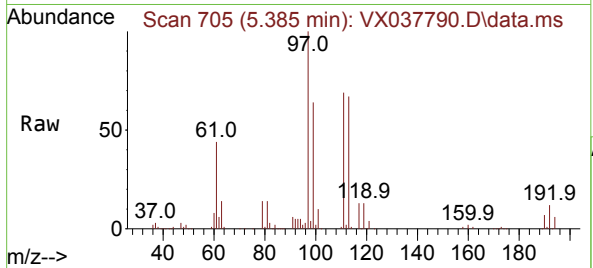




#35  
Dibromofluoromethane  
Concen: 52.032 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

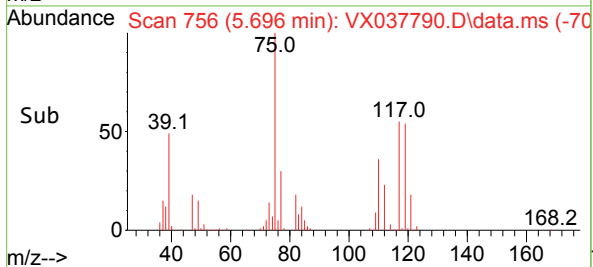
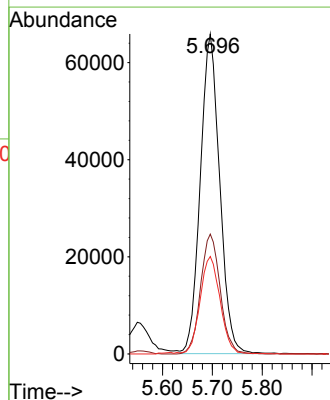
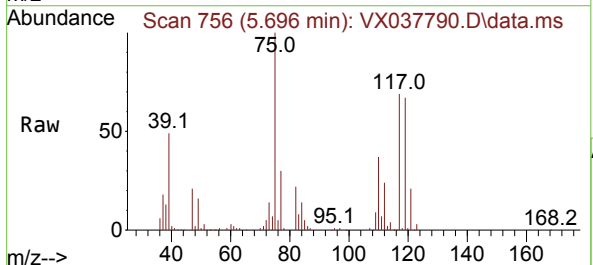
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

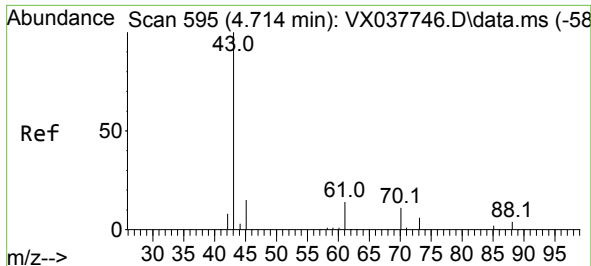
Tgt Ion:113 Resp: 139257  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.9 124.3  
192 19.4 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 48.163 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion: 75 Resp: 177570  
Ion Ratio Lower Upper  
75 100  
110 38.0 17.0 50.9  
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 45.845 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.019 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

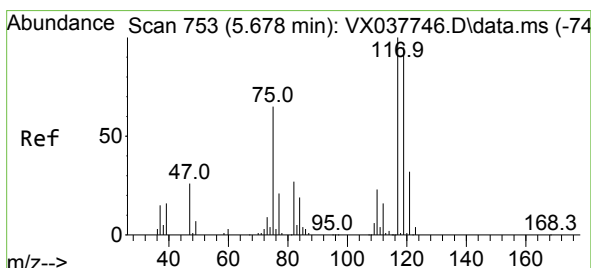
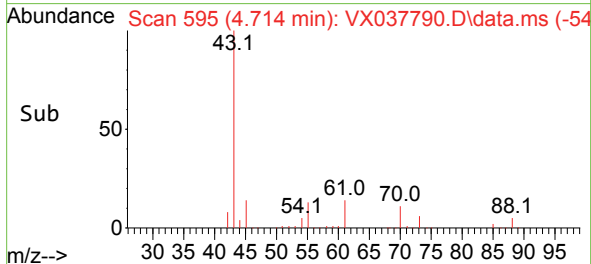
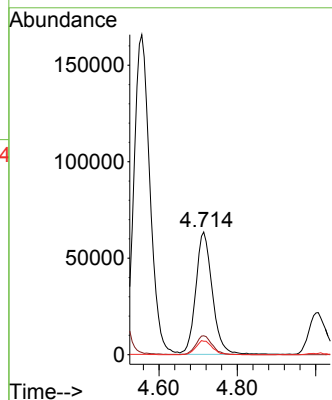
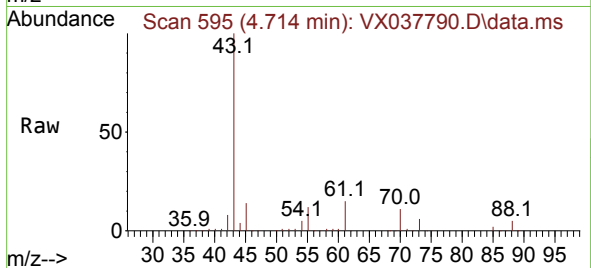
Tgt Ion: 43 Resp: 185813

Ion Ratio Lower Upper

43 100

61 15.1 10.6 16.0

70 11.4 8.3 12.5



#38

Carbon Tetrachloride

Concen: 49.668 ug/l

RT: 5.677 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

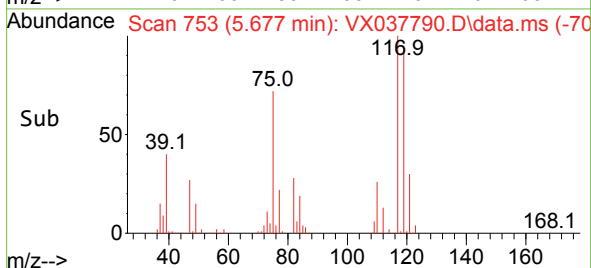
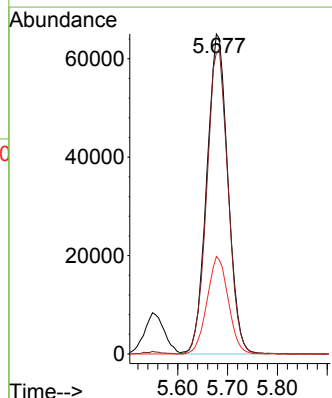
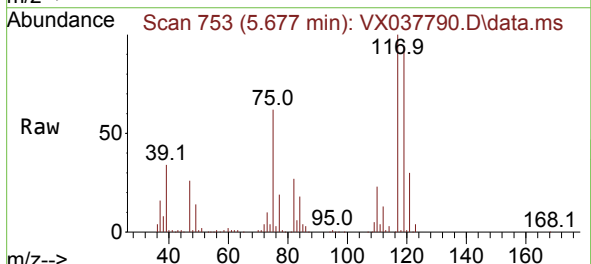
Tgt Ion: 117 Resp: 191598

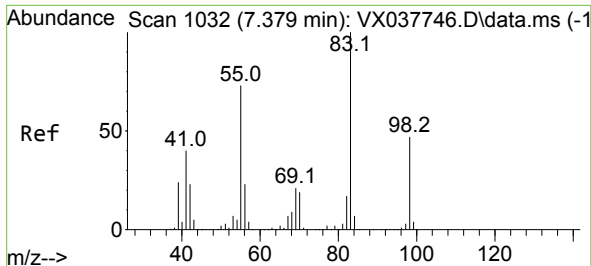
Ion Ratio Lower Upper

117 100

119 94.1 78.2 117.2

121 30.5 24.4 36.6

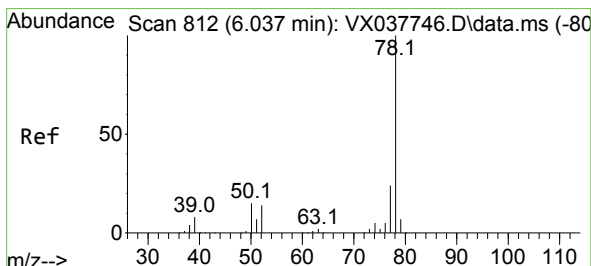
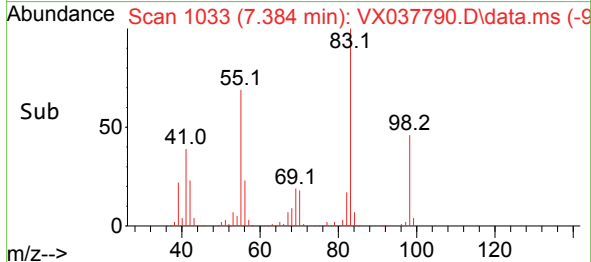
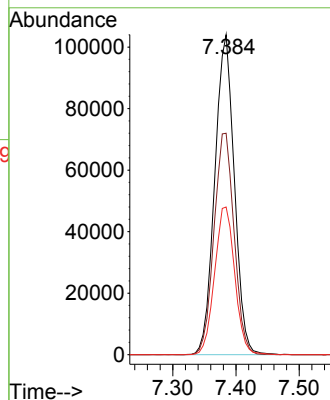
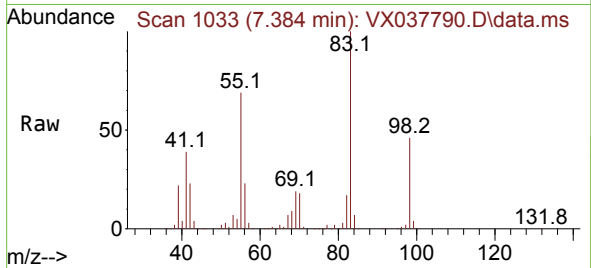




#39  
Methylcyclohexane  
Concen: 47.748 ug/l  
RT: 7.384 min Scan# 1033  
Delta R.T. 0.006 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

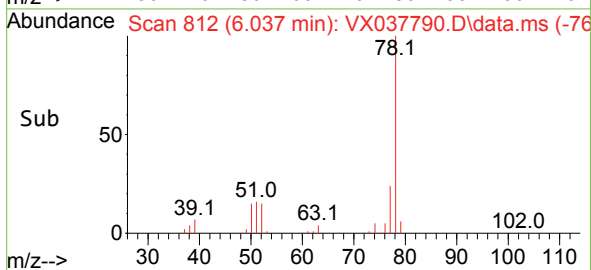
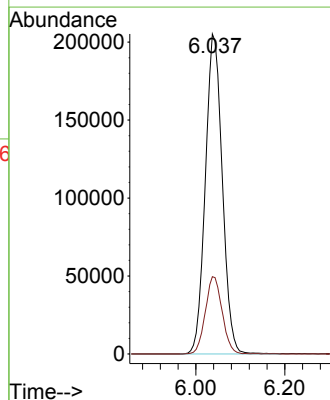
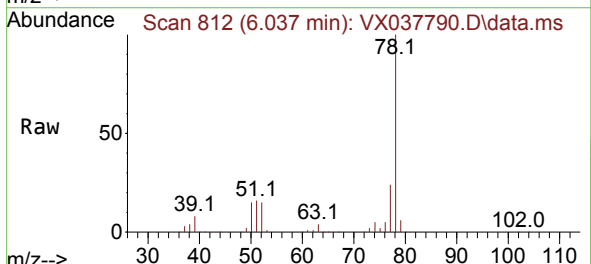
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

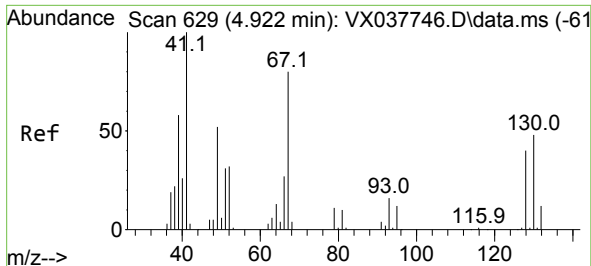
Tgt Ion: 83 Resp: 223422  
Ion Ratio Lower Upper  
83 100  
55 69.2 64.6 97.0  
98 46.2 36.7 55.1



#40  
Benzene  
Concen: 48.120 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.007 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion: 78 Resp: 545558  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.3 28.9

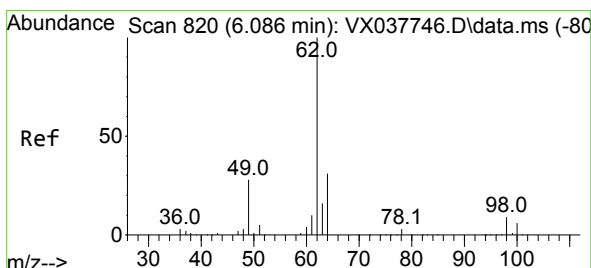
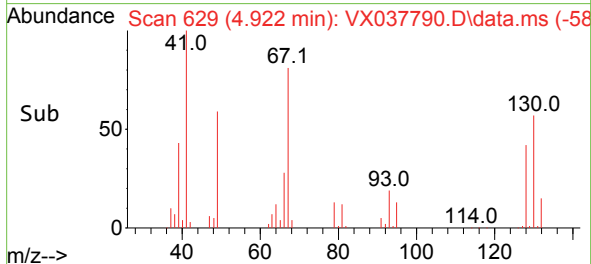
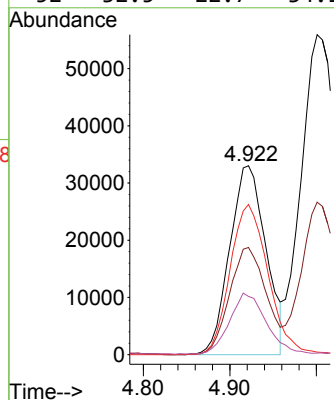
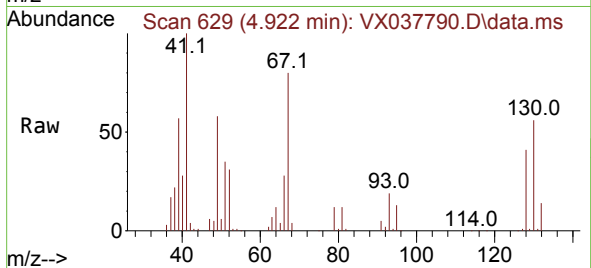




#41  
Methacrylonitrile  
Concen: 46.478 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.025 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

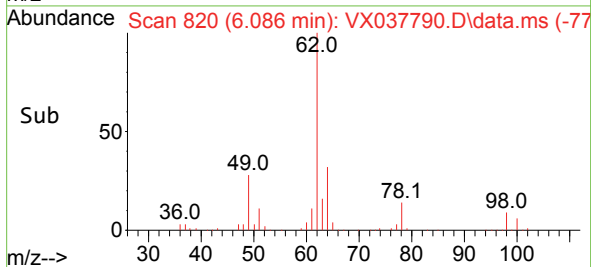
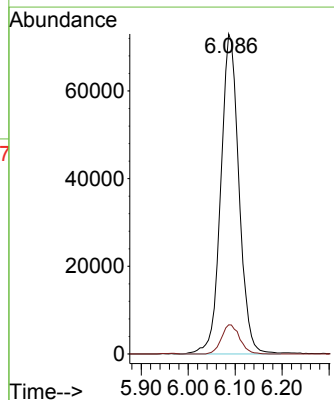
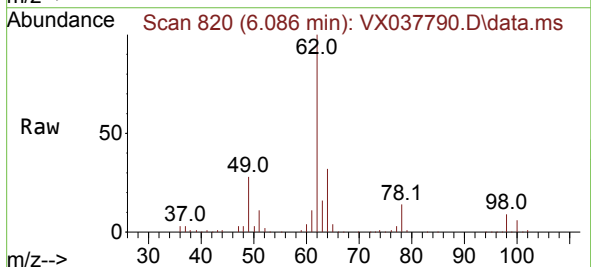
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

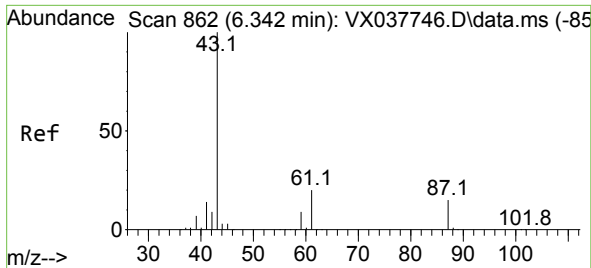
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 96054 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.3  | 45.2  | 67.8  |
| 67       | 84.2  | 52.6  | 78.8# |
| 52       | 32.5  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 47.984 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.013 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 196624 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.2   | 0.0   | 16.0   |

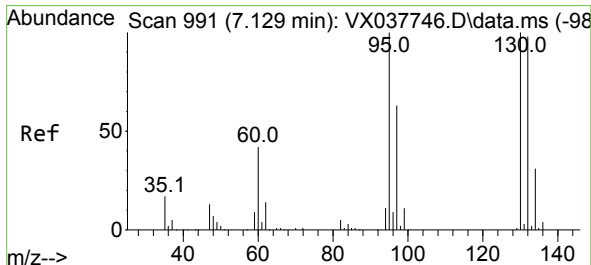
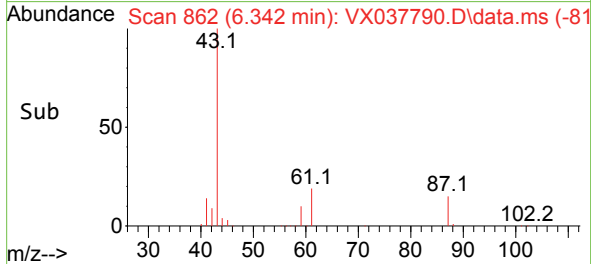
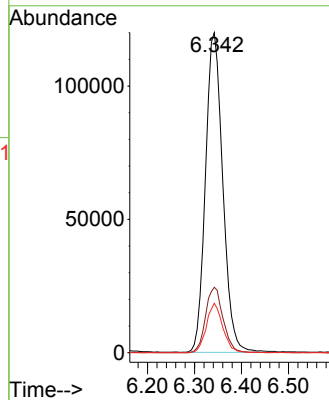
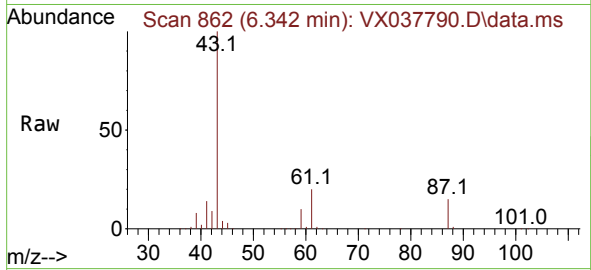




#43  
Isopropyl Acetate  
Concen: 47.360 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

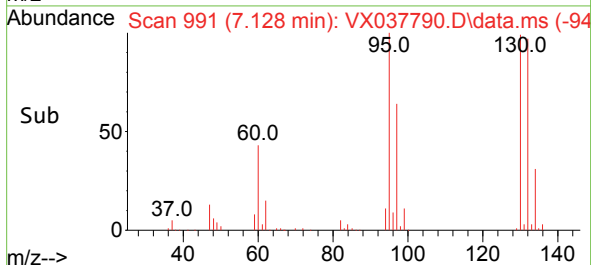
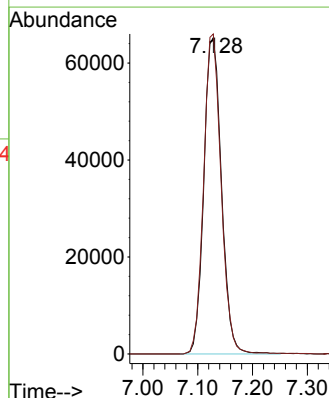
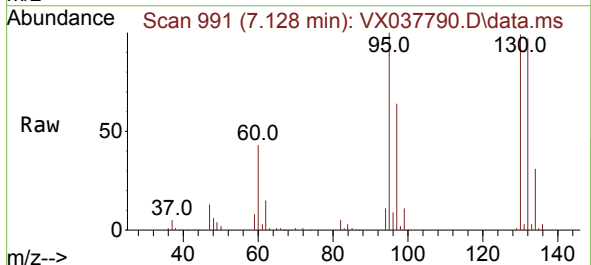
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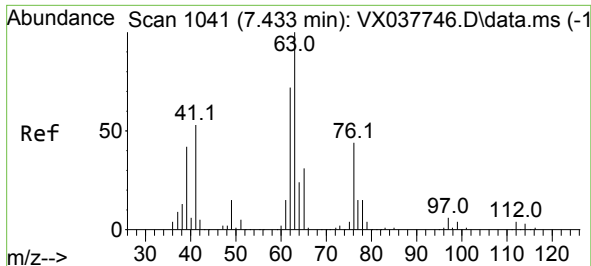
Tgt Ion: 43 Resp: 306942  
Ion Ratio Lower Upper  
43 100  
61 20.6 15.2 22.8  
87 14.6 9.8 14.6#



#44  
Trichloroethene  
Concen: 46.115 ug/l  
RT: 7.128 min Scan# 991  
Delta R.T. -0.007 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion:130 Resp: 145600  
Ion Ratio Lower Upper  
130 100  
95 101.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 47.944 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

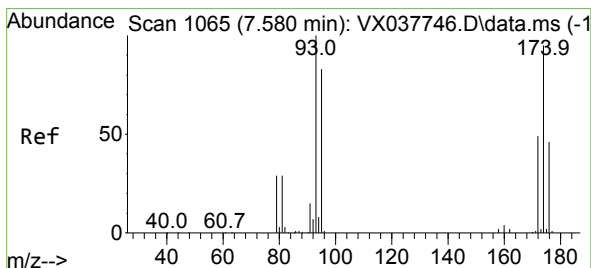
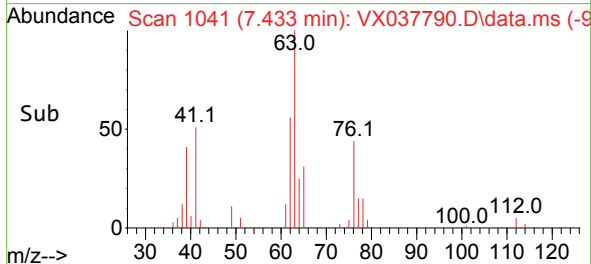
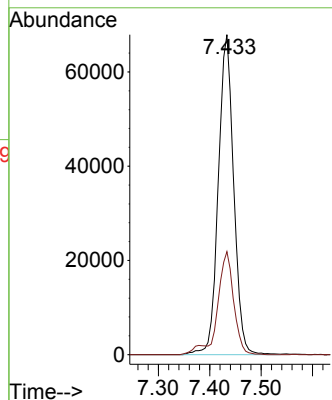
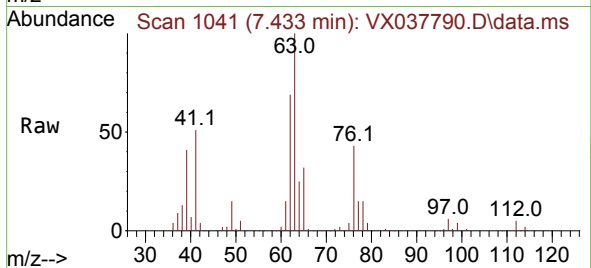
VSTDCCC050EC

Tgt Ion: 63 Resp: 141160

Ion Ratio Lower Upper

63 100

65 32.2 24.3 36.5



#46

Dibromomethane

Concen: 49.452 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

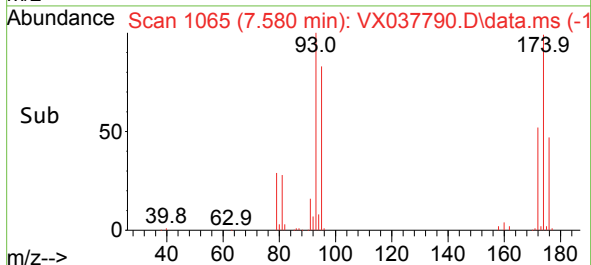
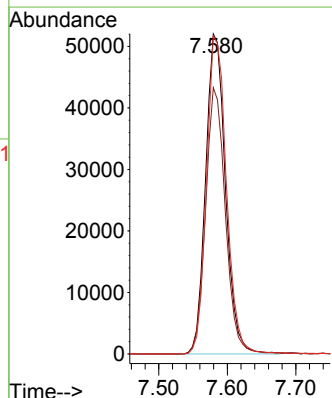
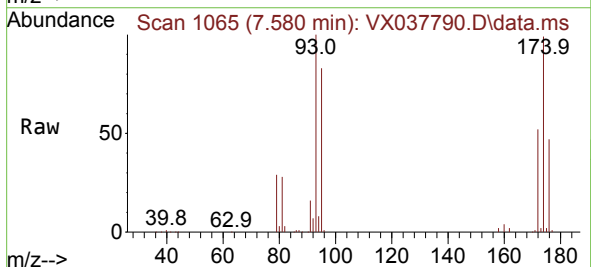
Tgt Ion: 93 Resp: 104737

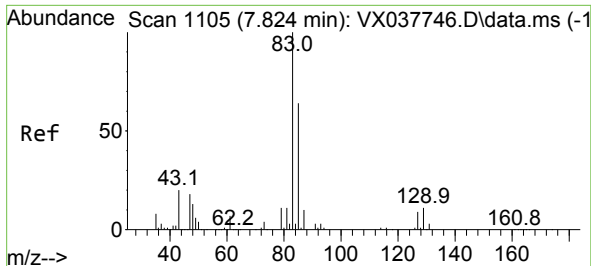
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 100.0 69.4 104.0

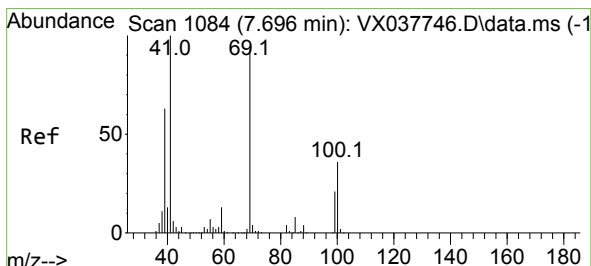
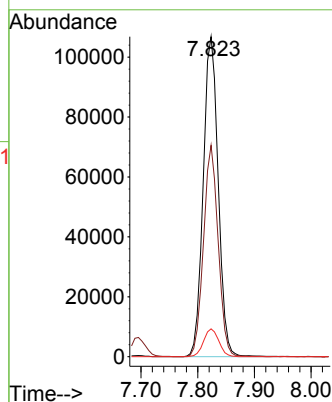
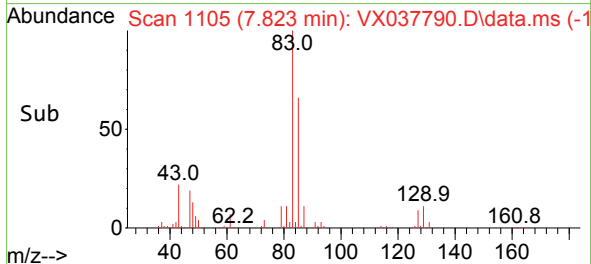
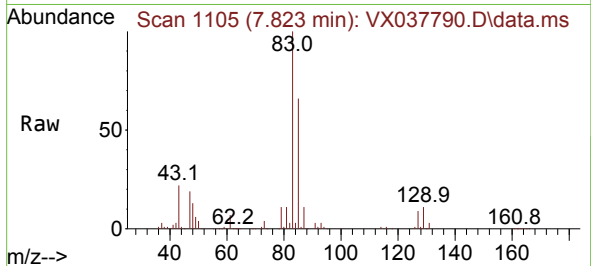




#47  
Bromodichloromethane  
Concen: 50.275 ug/l  
RT: 7.823 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

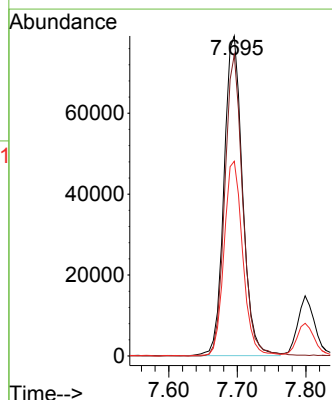
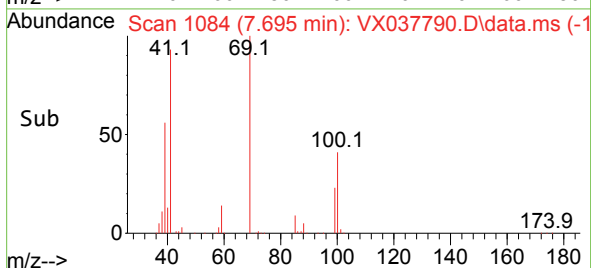
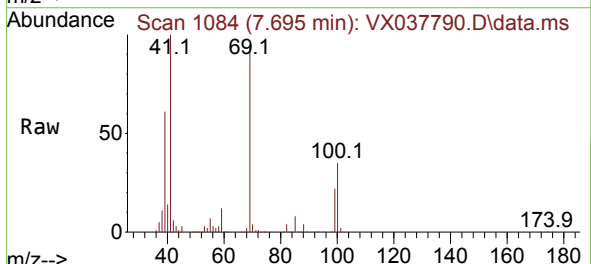
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

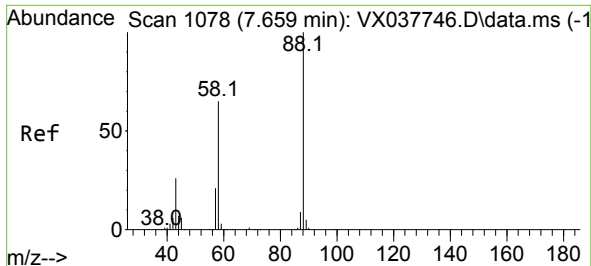
Tgt Ion: 83 Resp: 196106  
Ion Ratio Lower Upper  
83 100  
85 66.1 49.8 74.6  
127 8.7 7.1 10.7



#48  
Methyl methacrylate  
Concen: 47.824 ug/l  
RT: 7.695 min Scan# 1084  
Delta R.T. -0.007 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion: 41 Resp: 148169  
Ion Ratio Lower Upper  
41 100  
69 91.4 59.2 88.8#  
39 61.5 47.7 71.5





#49

1,4-Dioxane

Concen: 973.709 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.013 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

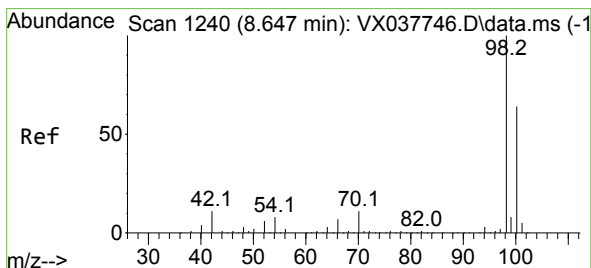
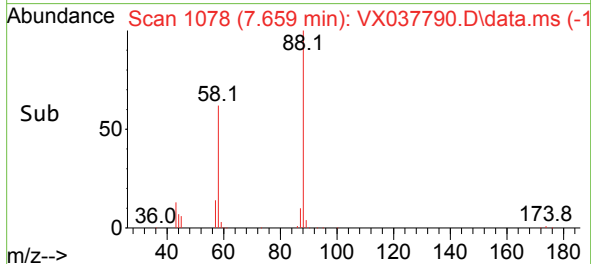
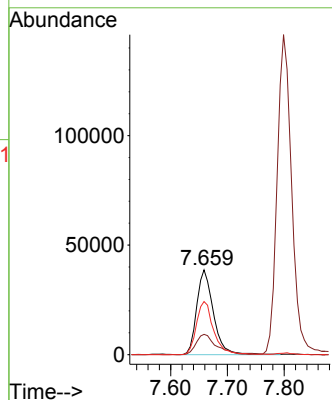
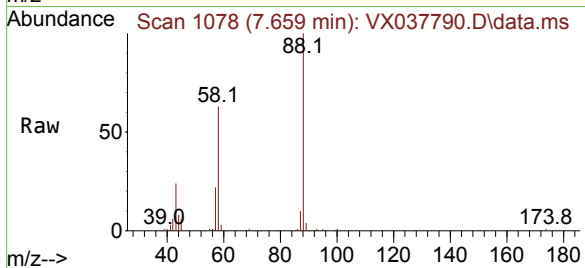
Tgt Ion: 88 Resp: 79088

Ion Ratio Lower Upper

88 100

43 29.1 0.0 0.0#

58 64.6 60.1 90.1



#50

Toluene-d8

Concen: 52.327 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037790.D

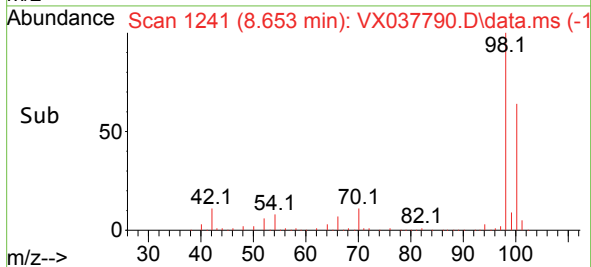
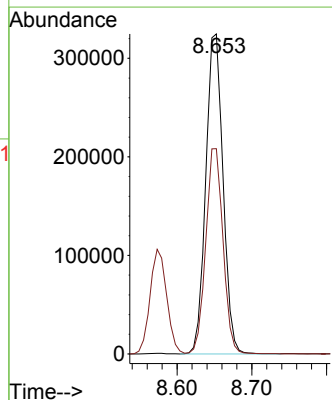
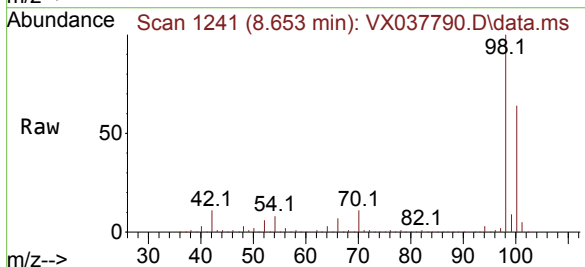
Acq: 18 Sep 2023 20:42

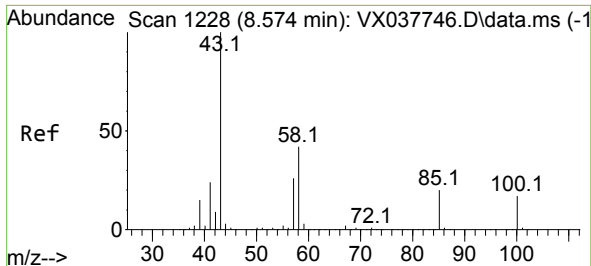
Tgt Ion: 98 Resp: 520355

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7

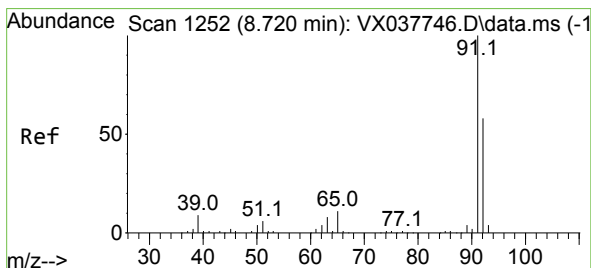
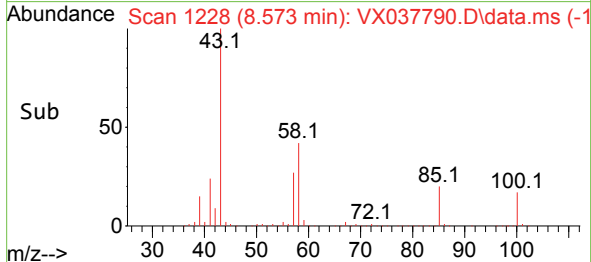
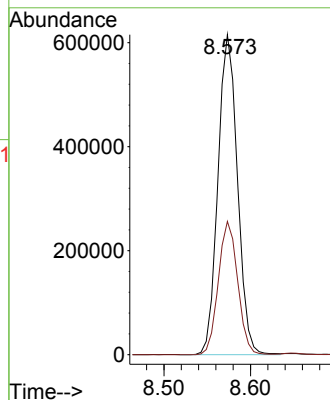
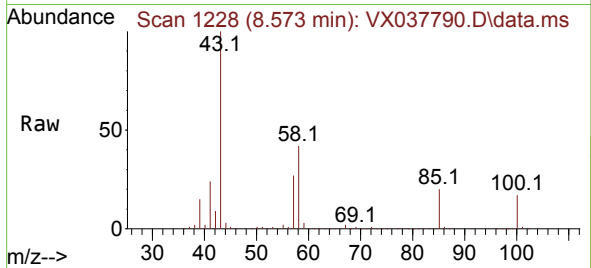




#51  
4-Methyl-2-Pentanone  
Concen: 234.159 ug/l  
RT: 8.573 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

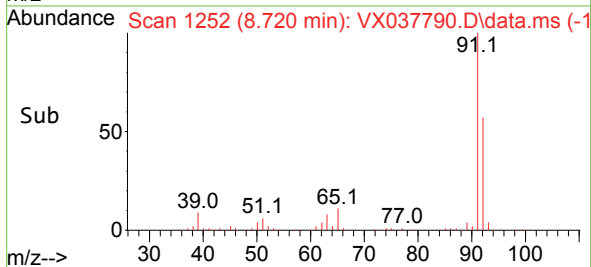
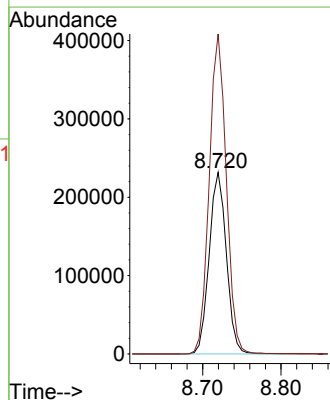
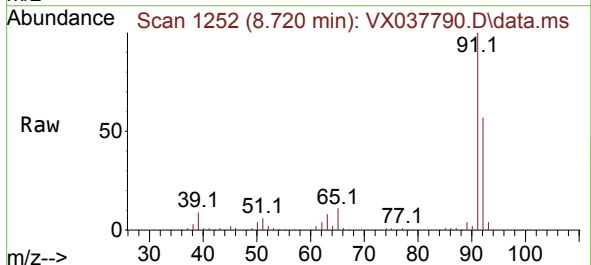
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

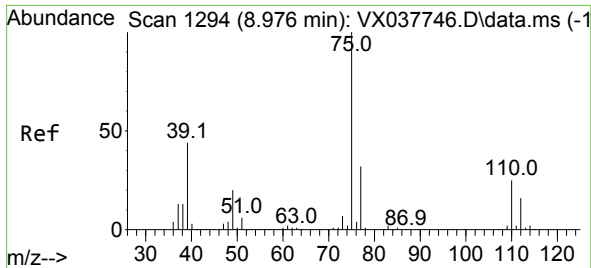
Tgt Ion: 43 Resp: 962846  
Ion Ratio Lower Upper  
43 100  
58 41.3 30.4 45.6



#52  
Toluene  
Concen: 48.214 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion: 92 Resp: 352291  
Ion Ratio Lower Upper  
92 100  
91 175.6 134.2 201.2

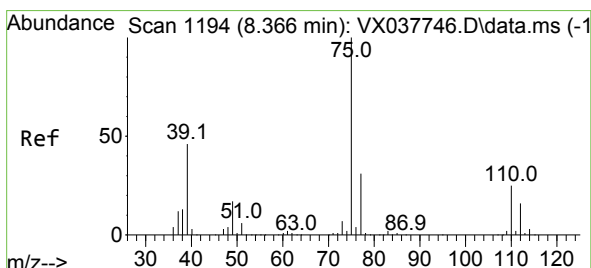
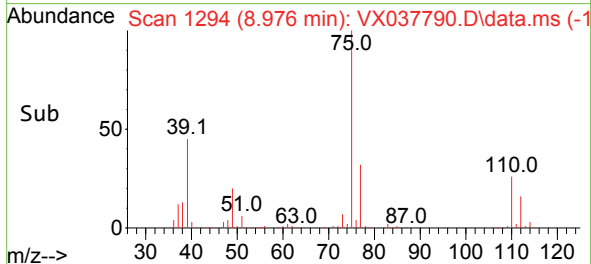
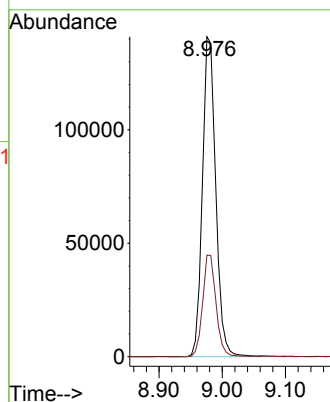
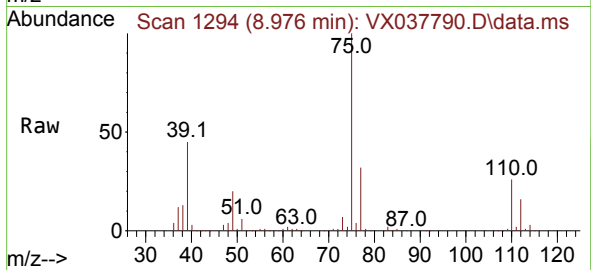




#53  
 t-1,3-Dichloropropene  
 Concen: 50.858 ug/l  
 RT: 8.976 min Scan# 1194  
 Delta R.T. -0.013 min  
 Lab File: VX037790.D  
 Acq: 18 Sep 2023 20:42

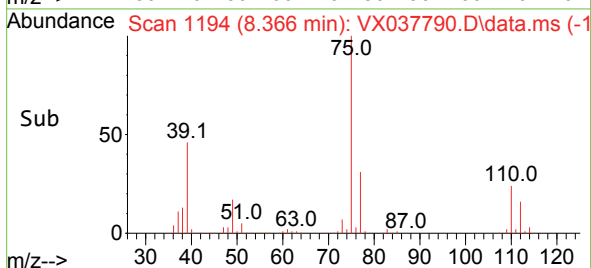
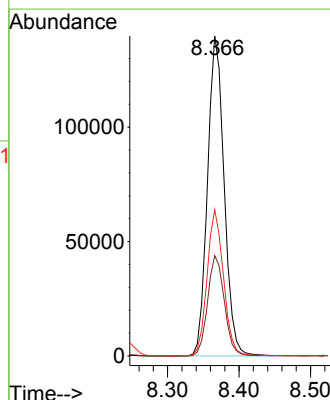
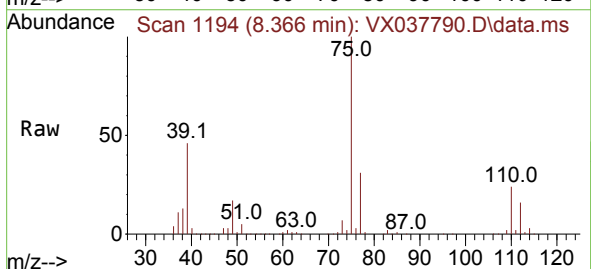
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

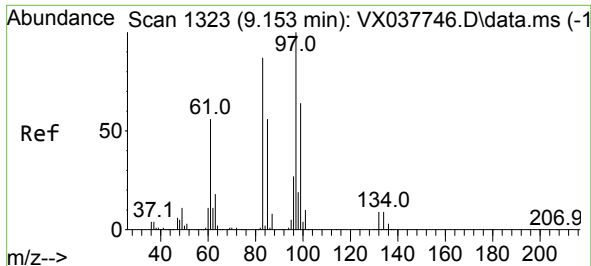
Tgt Ion: 75 Resp: 207428  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 50.080 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.007 min  
 Lab File: VX037790.D  
 Acq: 18 Sep 2023 20:42

Tgt Ion: 75 Resp: 226057  
 Ion Ratio Lower Upper  
 75 100  
 77 31.3 25.3 37.9  
 39 45.6 46.7 70.1#

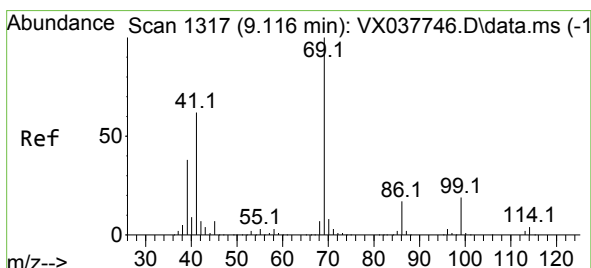
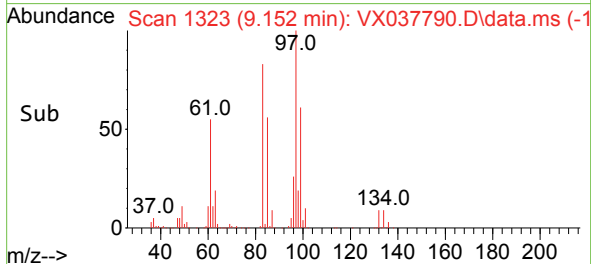
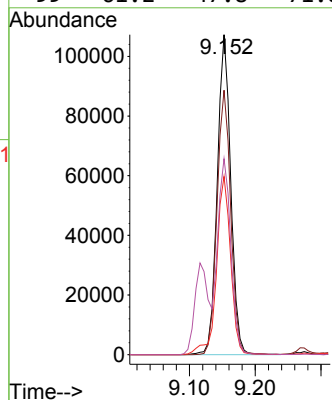
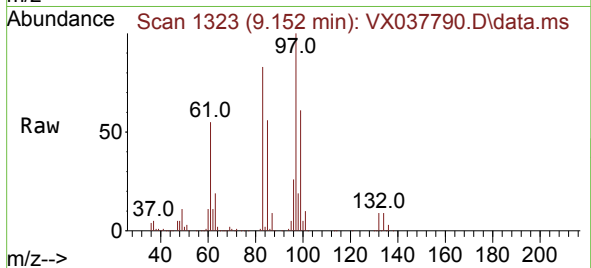




#55  
1,1,2-Trichloroethane  
Concen: 49.697 ug/l  
RT: 9.152 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

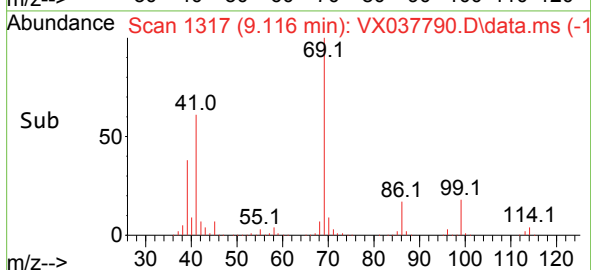
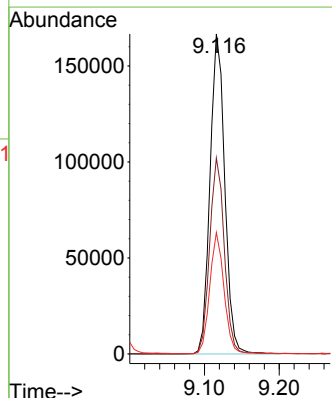
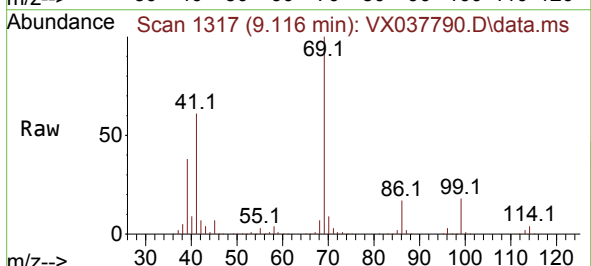
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ClientSampleId :  
VSTDCCC050EC

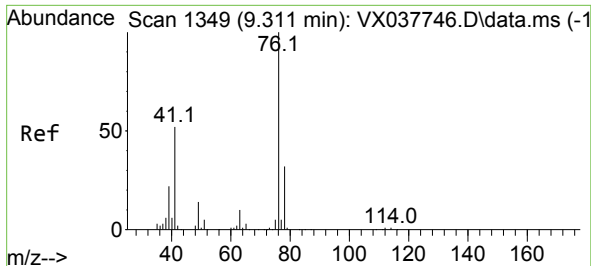
| Tgt Ion: 97 | Resp: 153097 |       |       |
|-------------|--------------|-------|-------|
| Ion         | Ratio        | Lower | Upper |
| 97          | 100          |       |       |
| 83          | 82.6         | 65.8  | 98.8  |
| 85          | 55.7         | 41.6  | 62.4  |
| 99          | 61.2         | 47.8  | 71.8  |



#56  
Ethyl methacrylate  
Concen: 49.648 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.007 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 228330 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 60.9     | 56.8 85.2    |
| 39 36.8     | 32.0 48.0    |





#57

1,3-Dichloropropane

Concen: 48.632 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

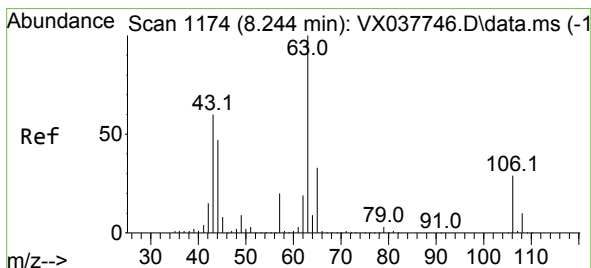
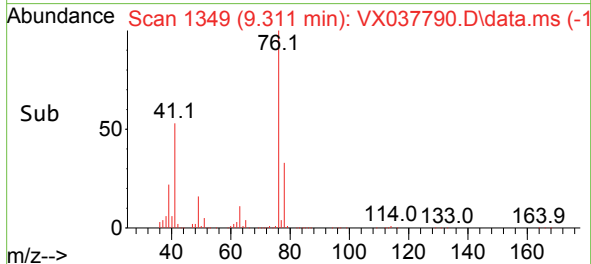
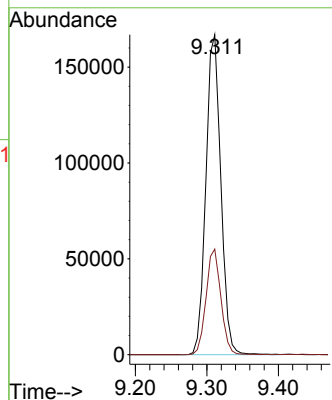
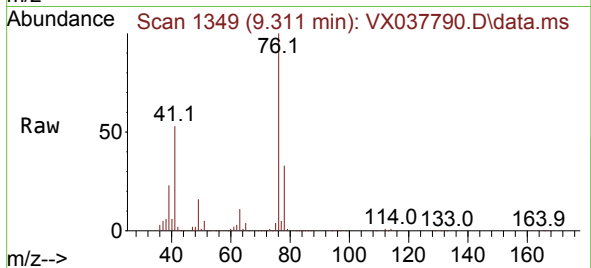
VSTDCCC050EC

Tgt Ion: 76 Resp: 242435

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 234.186 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037790.D

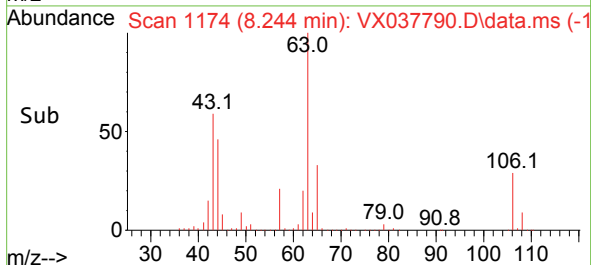
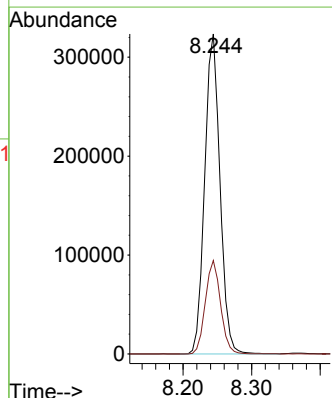
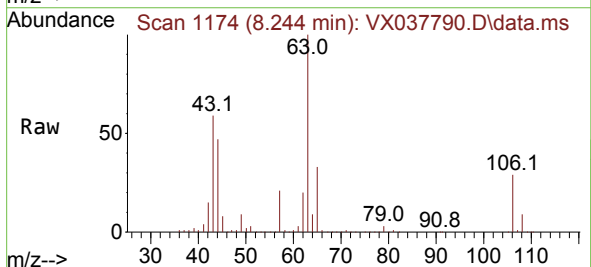
Acq: 18 Sep 2023 20:42

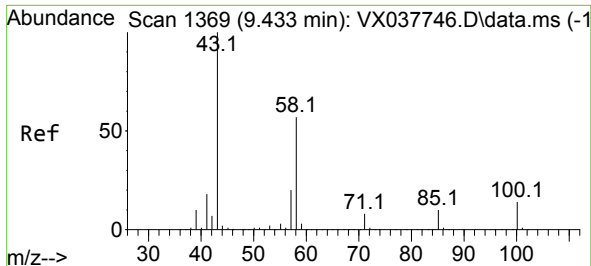
Tgt Ion: 63 Resp: 502917

Ion Ratio Lower Upper

63 100

106 29.1 22.5 33.7

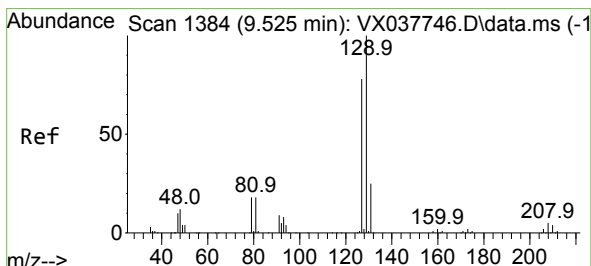
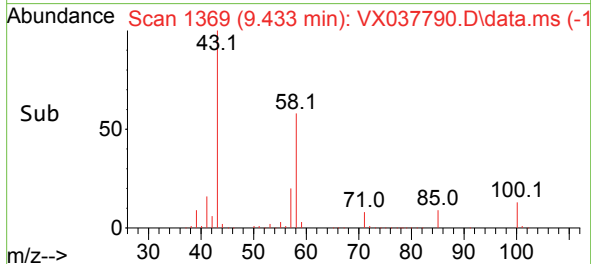
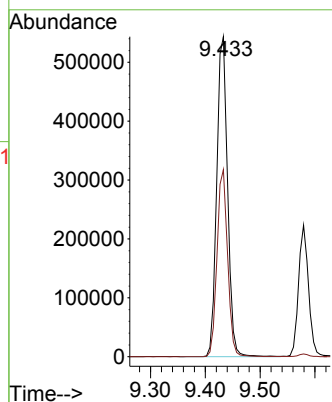
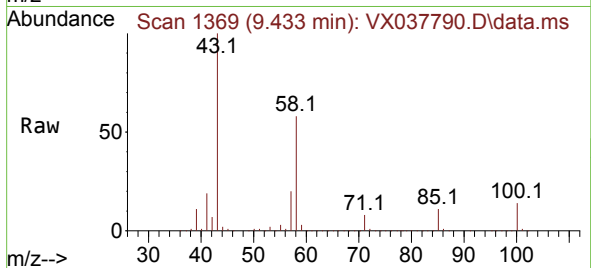




#59  
2-Hexanone  
Concen: 231.680 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

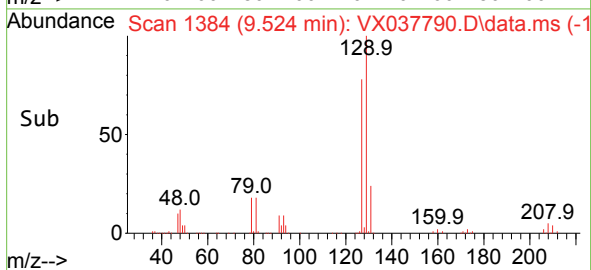
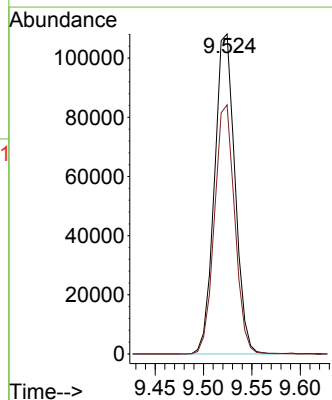
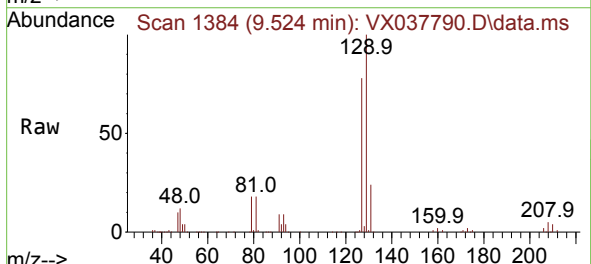
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

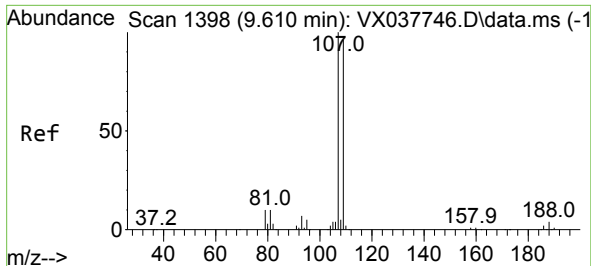
Tgt Ion: 43 Resp: 741739  
Ion Ratio Lower Upper  
43 100  
58 57.2 26.2 78.5



#60  
Dibromochloromethane  
Concen: 51.969 ug/l  
RT: 9.524 min Scan# 1384  
Delta R.T. 0.006 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion:129 Resp: 159487  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.8 116.4

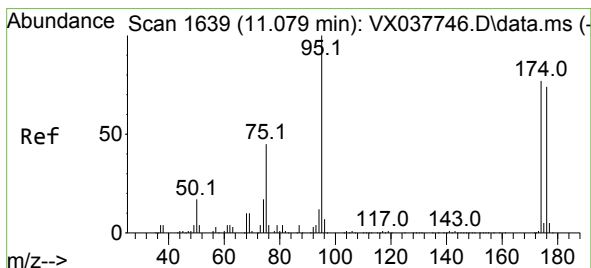
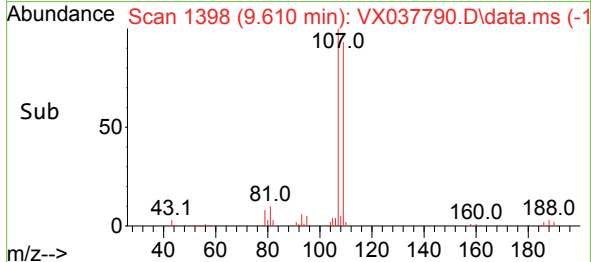
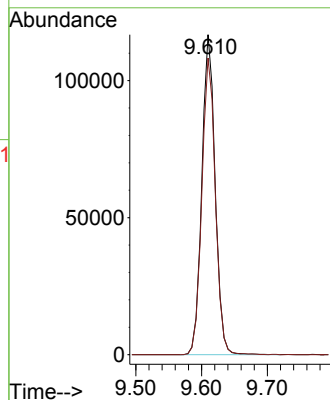
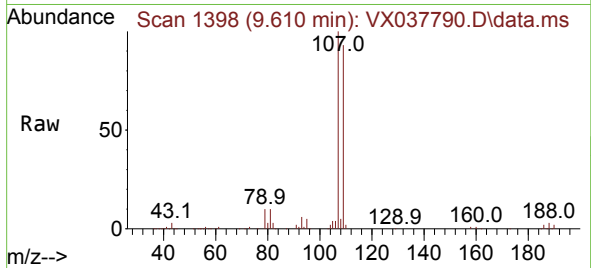




#61  
1,2-Dibromoethane  
Concen: 50.285 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

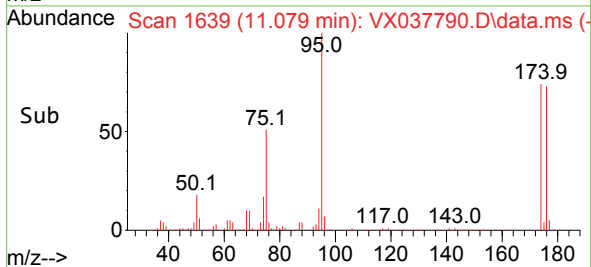
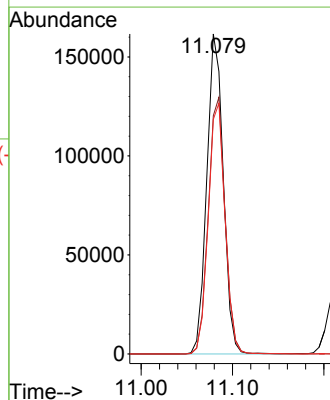
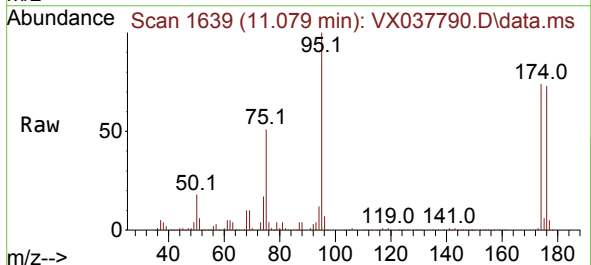
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

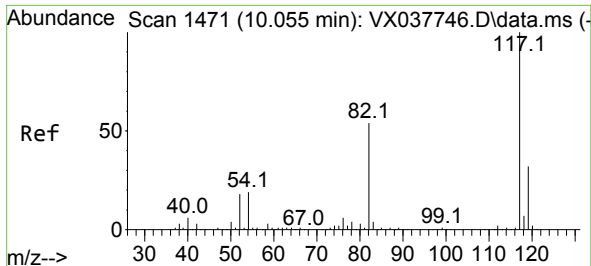
Tgt Ion:107 Resp: 164014  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 55.922 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion: 95 Resp: 202078  
Ion Ratio Lower Upper  
95 100  
174 82.0 0.0 135.6  
176 79.9 0.0 131.0

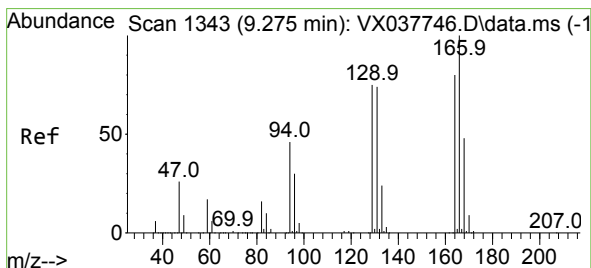
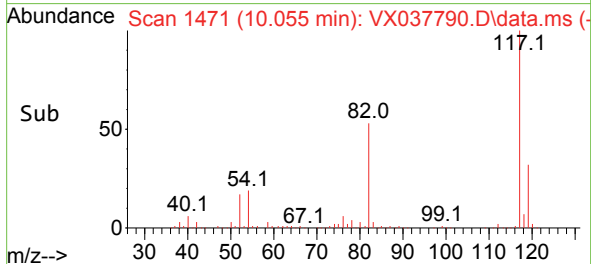
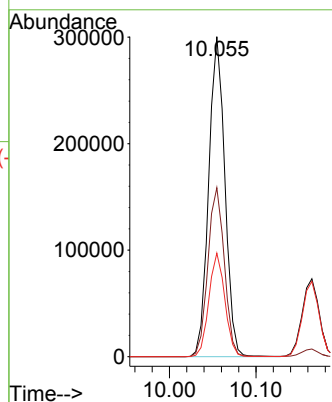
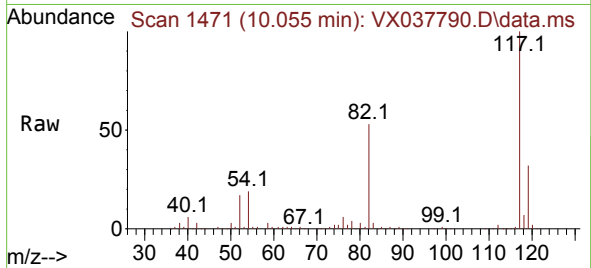




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

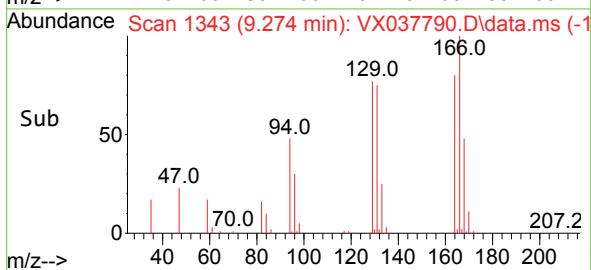
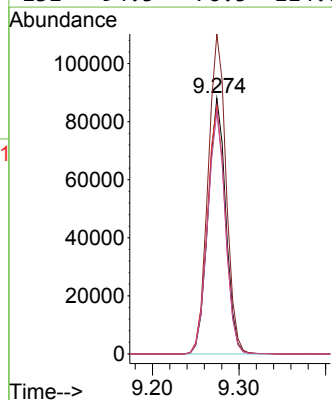
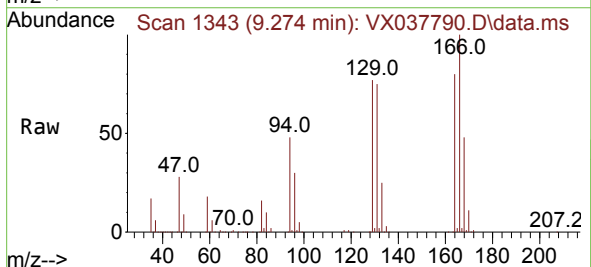
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

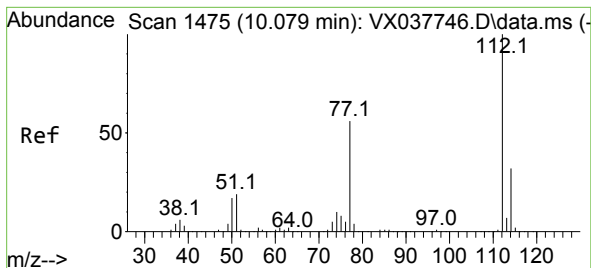
Tgt Ion:117 Resp: 389339  
Ion Ratio Lower Upper  
117 100  
82 52.8 46.2 69.4  
119 32.3 25.5 38.3



#64  
Tetrachloroethene  
Concen: 47.197 ug/l  
RT: 9.274 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion:164 Resp: 125318  
Ion Ratio Lower Upper  
164 100  
166 125.1 102.7 154.1  
129 96.9 80.4 120.6  
131 94.5 76.5 114.7





#65

Chlorobenzene

Concen: 46.557 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

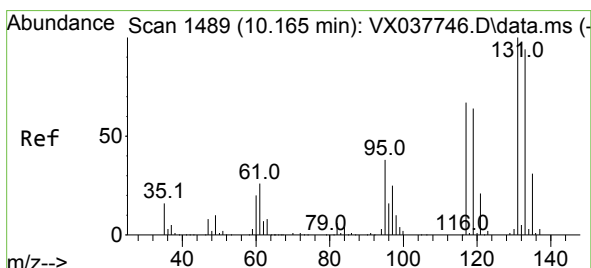
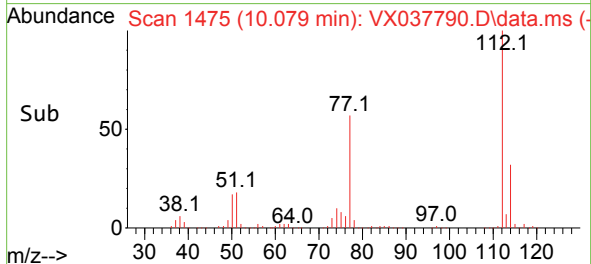
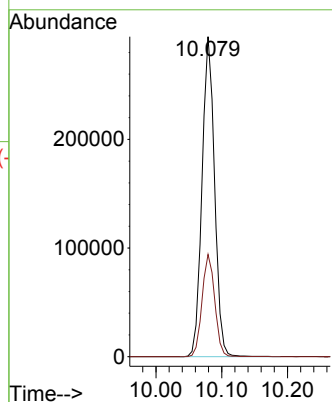
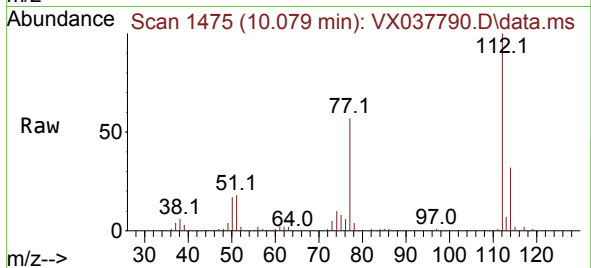
VSTDCCC050EC

Tgt Ion:112 Resp: 390990

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 48.574 ug/l

RT: 10.164 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

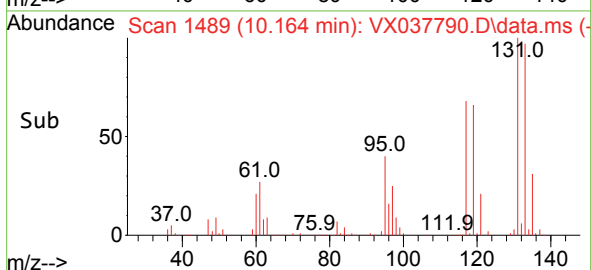
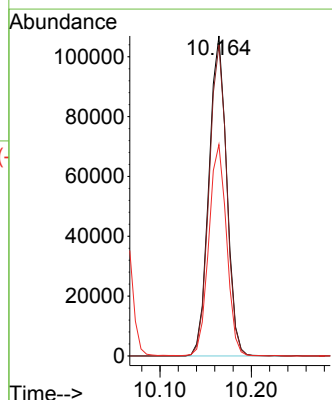
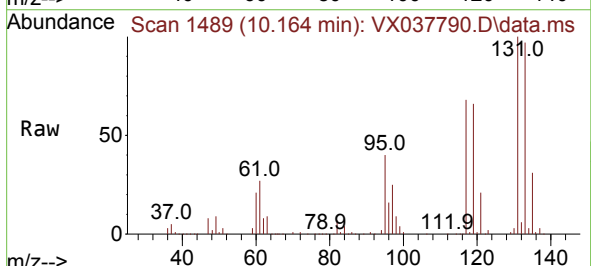
Tgt Ion:131 Resp: 144562

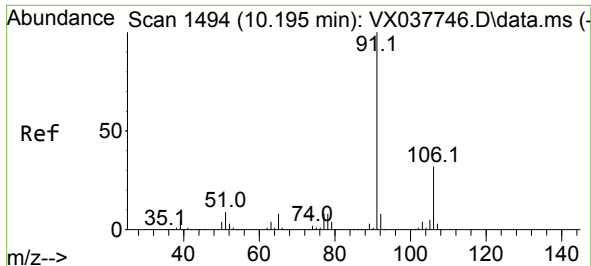
Ion Ratio Lower Upper

131 100

133 96.5 47.1 141.4

119 66.2 32.2 96.6

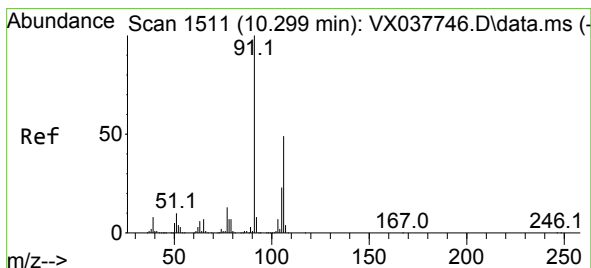
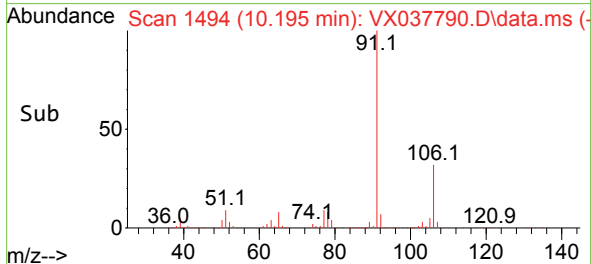
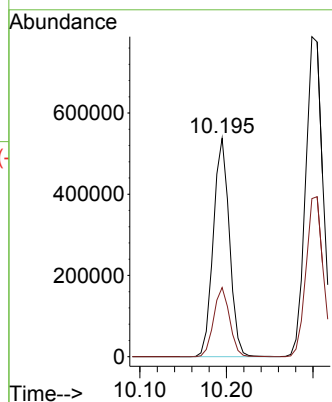
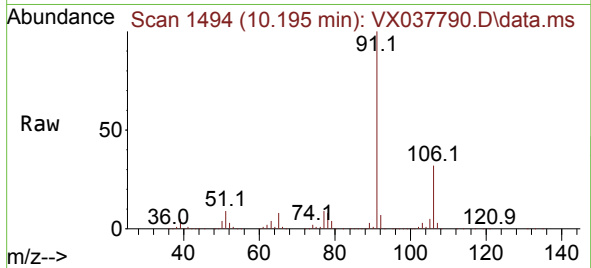




#67  
Ethyl Benzene  
Concen: 47.726 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

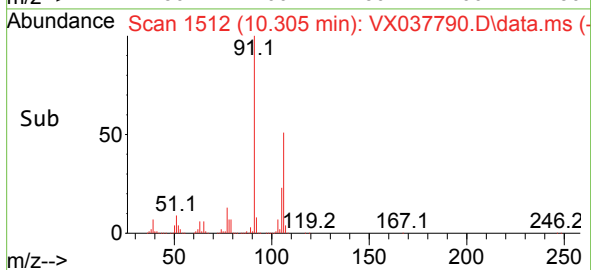
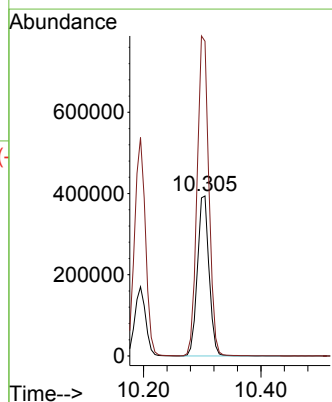
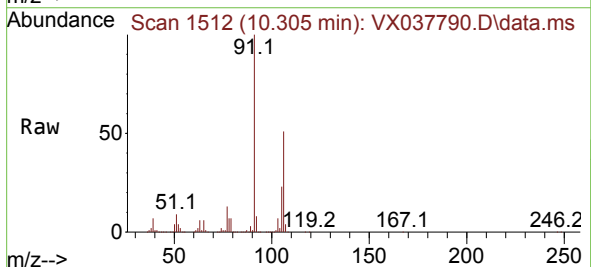
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

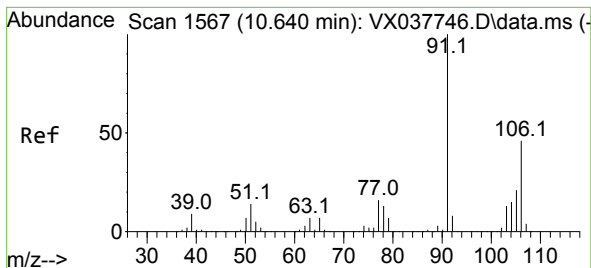
Tgt Ion: 91 Resp: 694895  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.9 37.3



#68  
m/p-Xylenes  
Concen: 96.480 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion: 106 Resp: 542819  
Ion Ratio Lower Upper  
106 100  
91 201.3 165.5 248.3

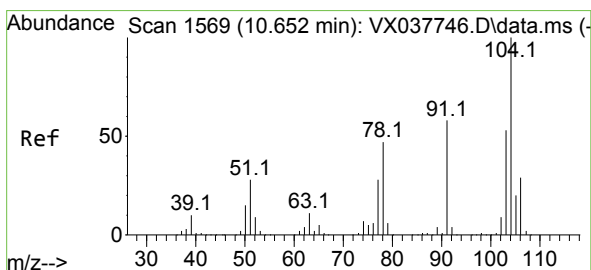
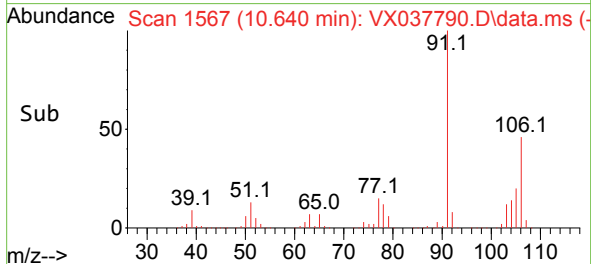
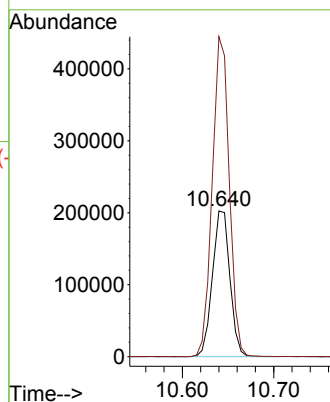
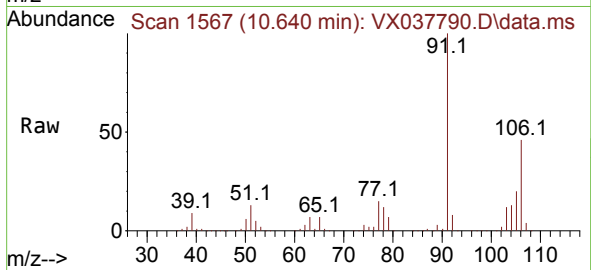




#69  
o-Xylene  
Concen: 47.686 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.007 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

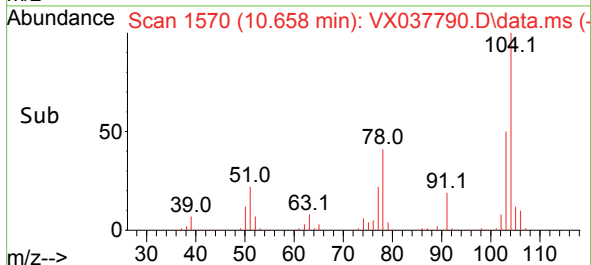
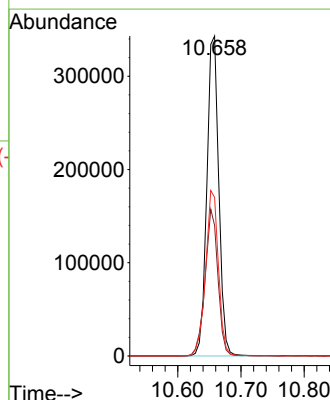
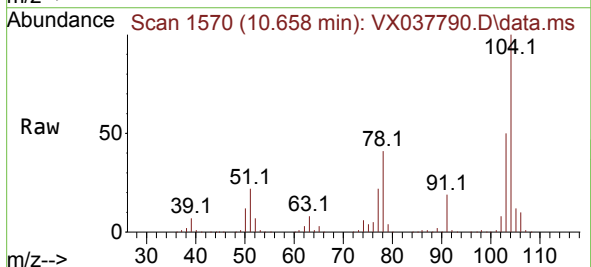
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

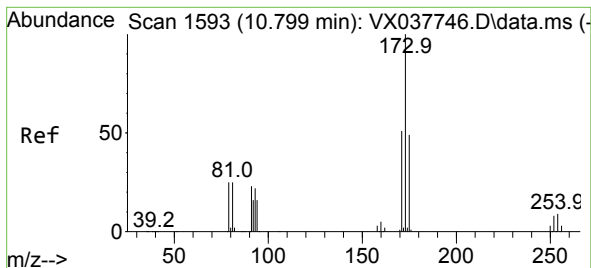
Tgt Ion:106 Resp: 269041  
Ion Ratio Lower Upper  
106 100  
91 213.1 108.9 326.8



#70  
Styrene  
Concen: 49.884 ug/l  
RT: 10.658 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion:104 Resp: 451823  
Ion Ratio Lower Upper  
104 100  
78 49.3 43.6 65.4  
103 55.7 43.6 65.4





#71

Bromoform

Concen: 51.125 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

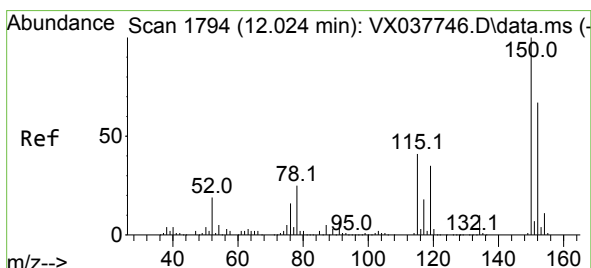
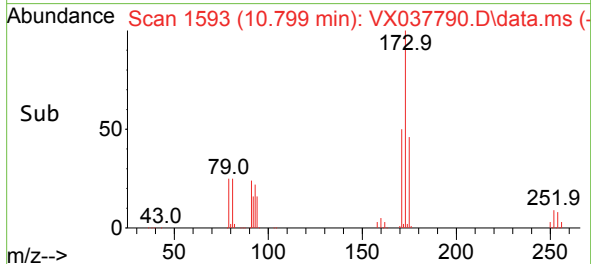
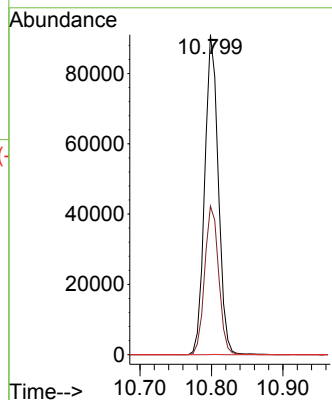
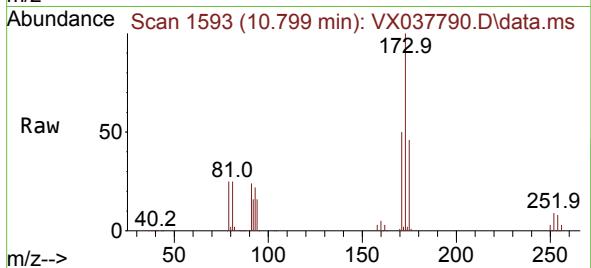
Tgt Ion:173 Resp: 120197

Ion Ratio Lower Upper

173 100

175 47.9 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: VX037790.D

Acq: 18 Sep 2023 20:42

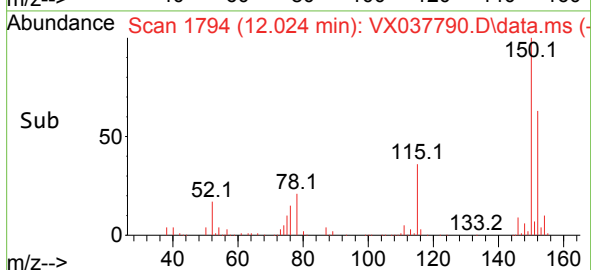
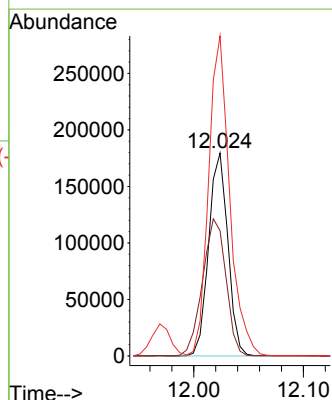
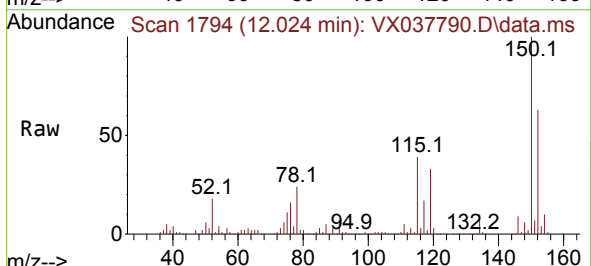
Tgt Ion:152 Resp: 218726

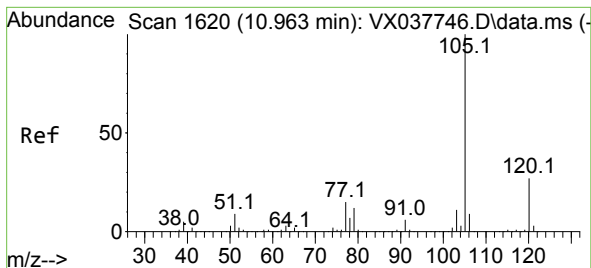
Ion Ratio Lower Upper

152 100

115 82.7 43.3 129.9

150 172.0 0.0 345.0





#73

Isopropylbenzene

Concen: 44.133 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

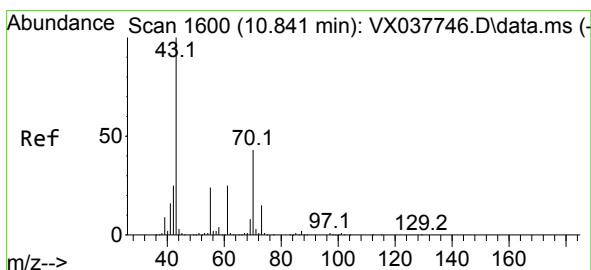
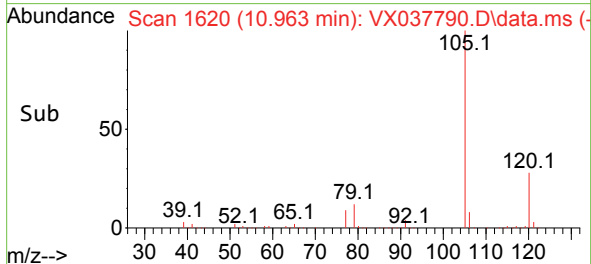
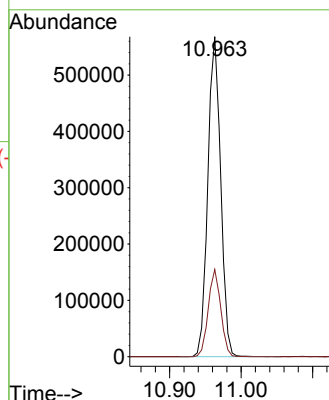
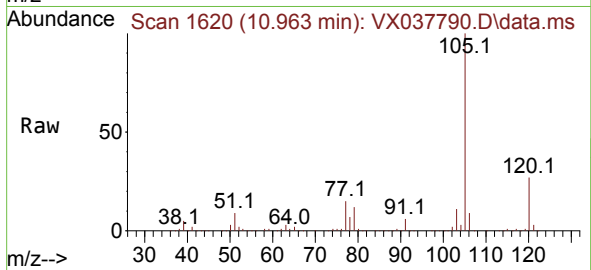
VSTDCCC050EC

Tgt Ion:105 Resp: 708200

Ion Ratio Lower Upper

105 100

120 26.5 12.9 38.6



#74

N-ethyl acetate

Concen: 45.347 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.007 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Tgt Ion: 43 Resp: 294702

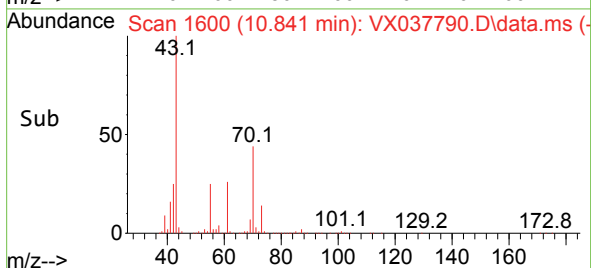
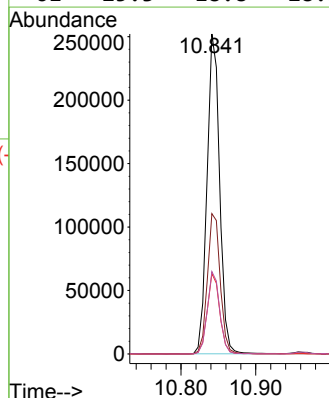
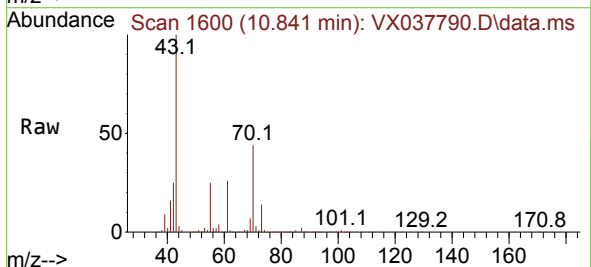
Ion Ratio Lower Upper

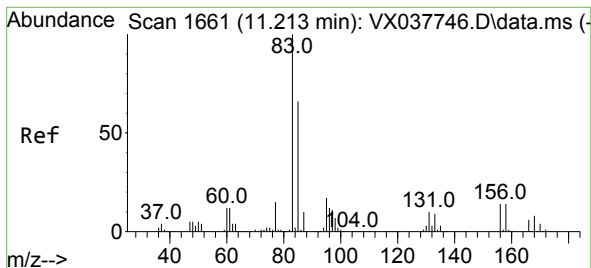
43 100

70 44.8 32.9 49.3

55 25.0 19.3 28.9

61 25.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.252 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

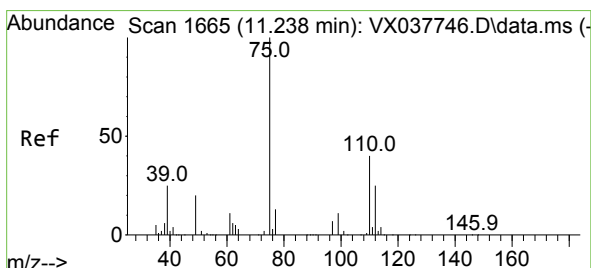
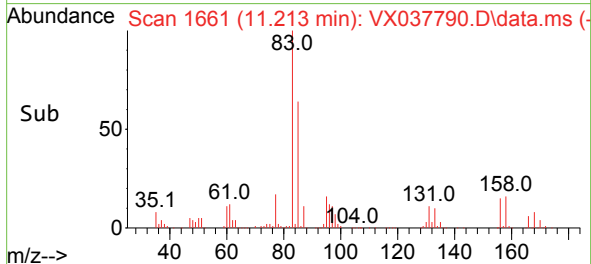
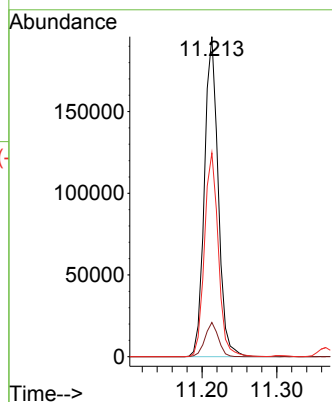
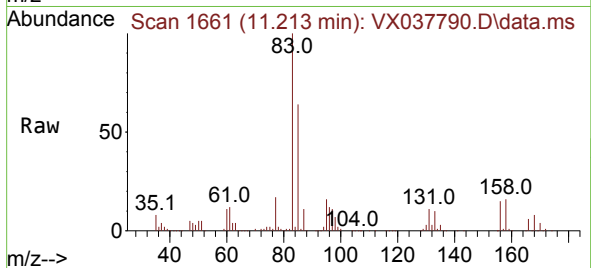
Tgt Ion: 83 Resp: 249740

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.8

85 64.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 51.739 ug/l

RT: 11.237 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX037790.D

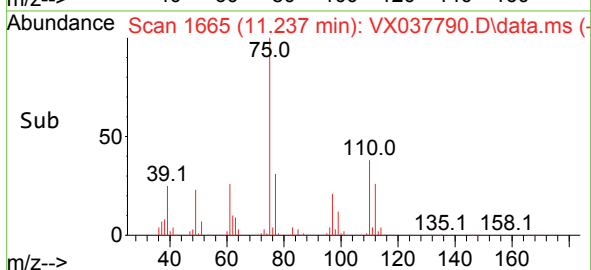
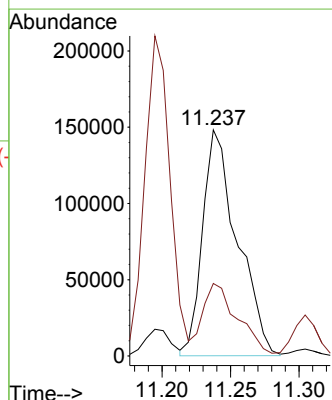
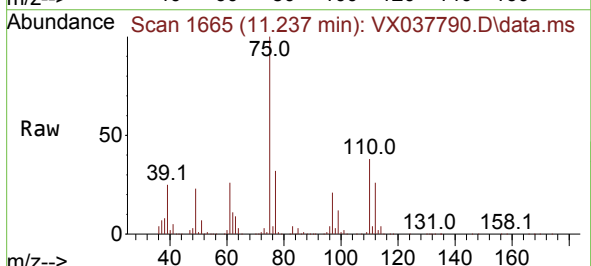
Acq: 18 Sep 2023 20:42

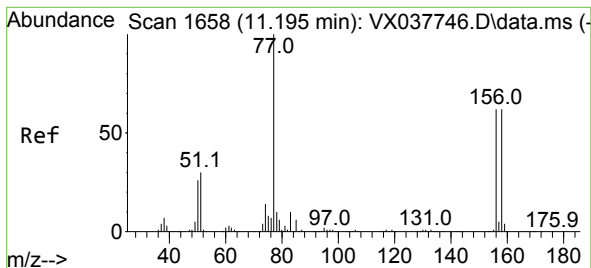
Tgt Ion: 75 Resp: 261745

Ion Ratio Lower Upper

75 100

77 32.5 19.1 57.5





#77

Bromobenzene

Concen: 44.585 ug/l

RT: 11.201 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

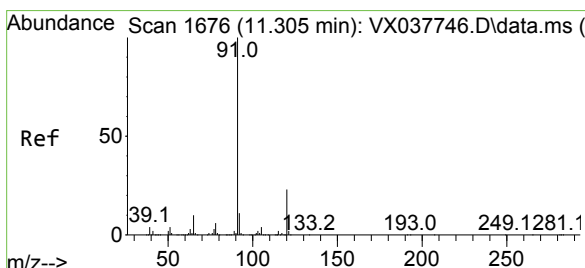
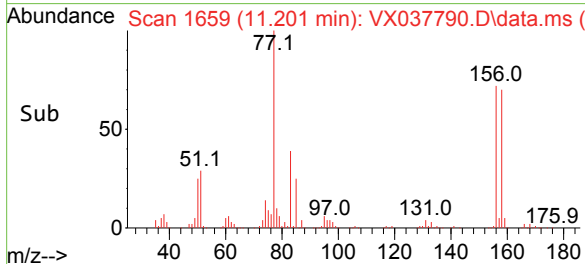
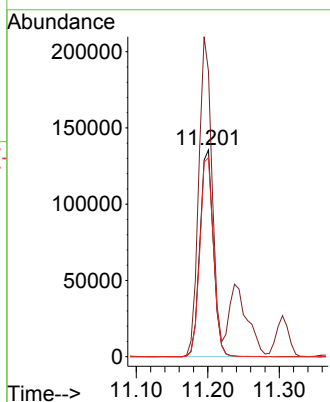
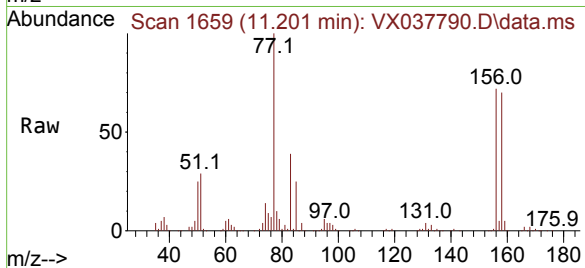
Tgt Ion:156 Resp: 177081

Ion Ratio Lower Upper

156 100

77 152.7 88.4 265.3

158 97.8 48.0 144.0



#78

n-propylbenzene

Concen: 45.772 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037790.D

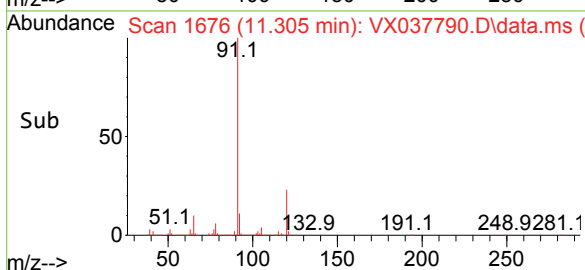
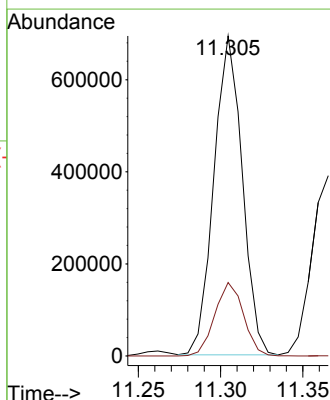
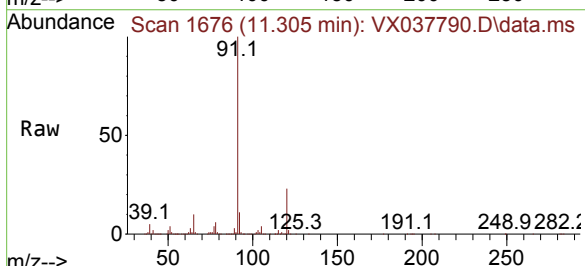
Acq: 18 Sep 2023 20:42

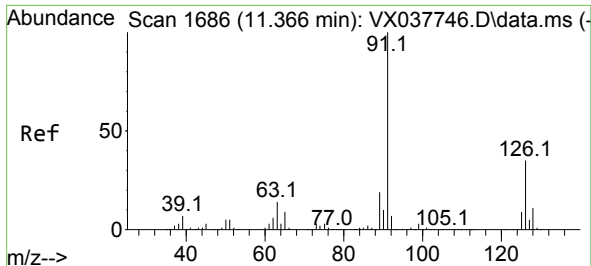
Tgt Ion: 91 Resp: 829511

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

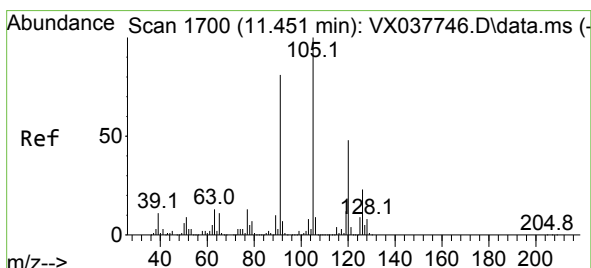
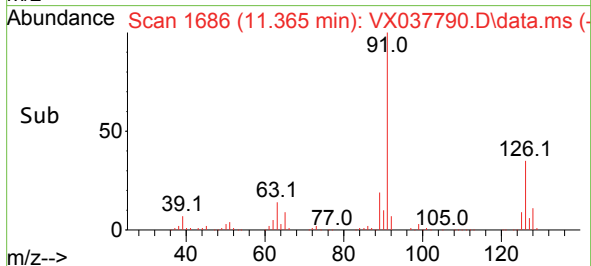
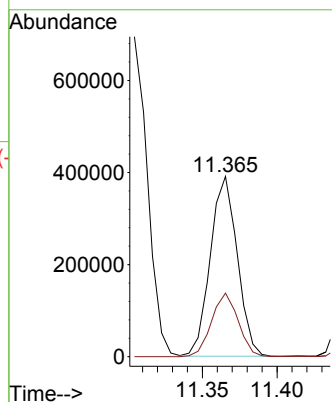
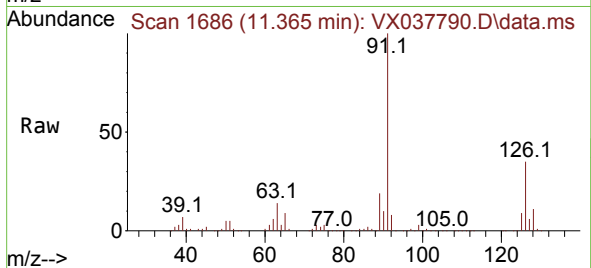




#79  
2-Chlorotoluene  
Concen: 43.778 ug/l  
RT: 11.365 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

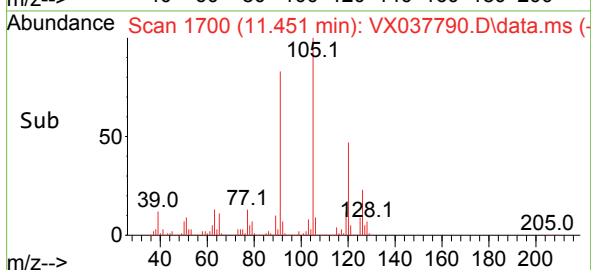
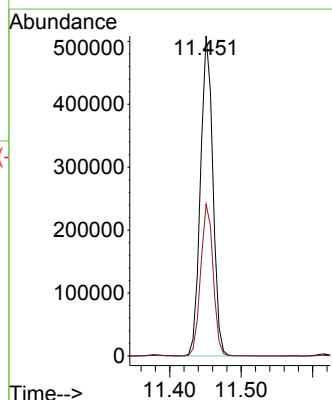
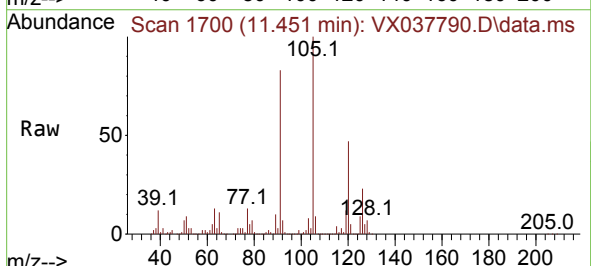
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

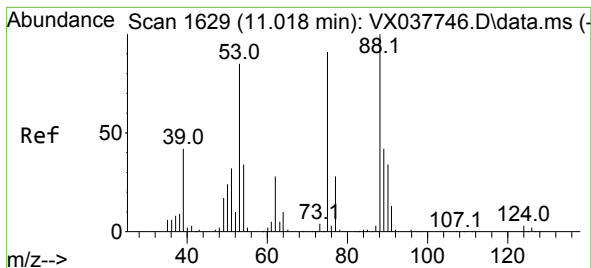
Tgt Ion: 91 Resp: 489178  
Ion Ratio Lower Upper  
91 100  
126 34.9 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 45.046 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion: 105 Resp: 610443  
Ion Ratio Lower Upper  
105 100  
120 47.8 24.1 72.3

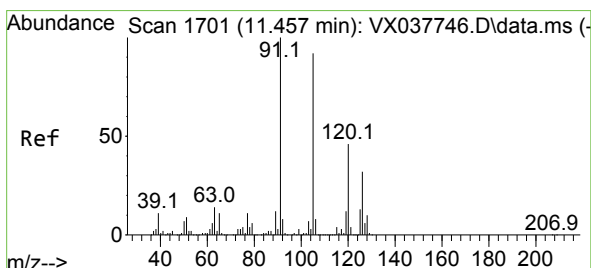
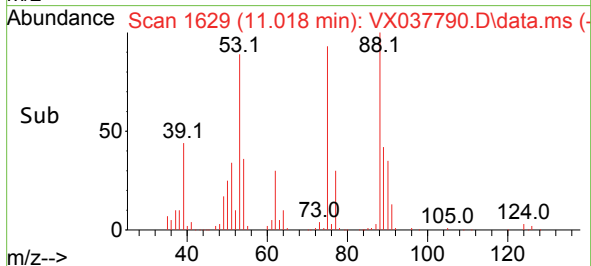
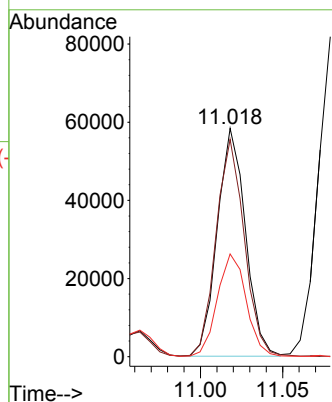
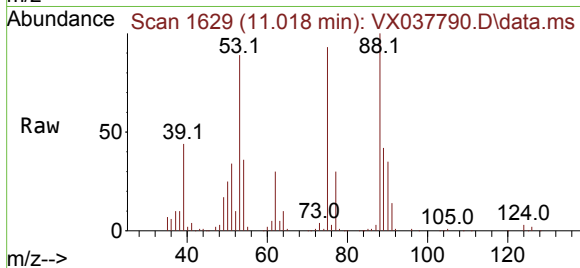




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.110 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

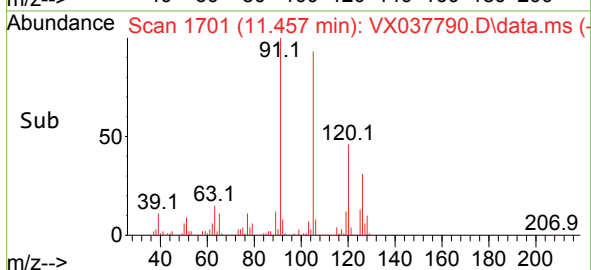
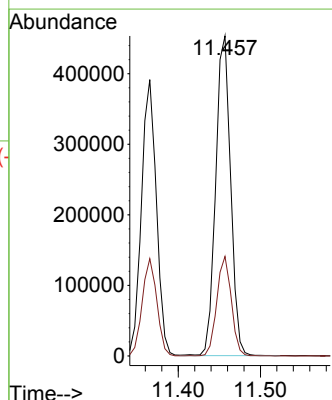
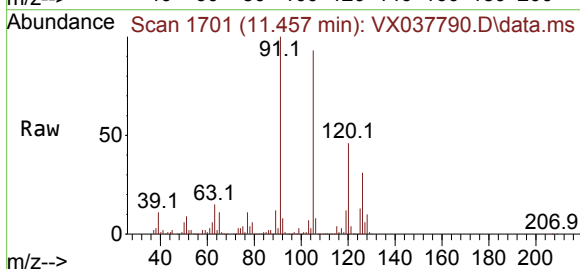
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

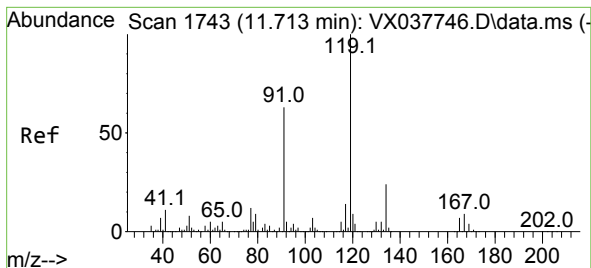
Tgt Ion: 75 Resp: 69660  
Ion Ratio Lower Upper  
75 100  
53 95.0 90.5 135.7  
89 46.0 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 45.490 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion: 91 Resp: 572256  
Ion Ratio Lower Upper  
91 100  
126 30.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 45.264 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

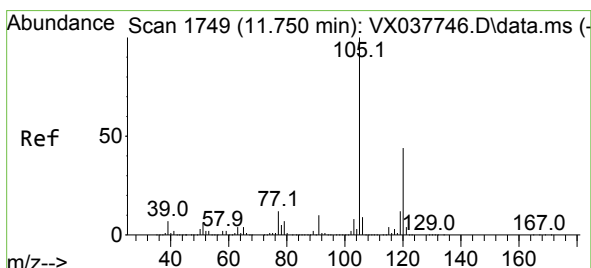
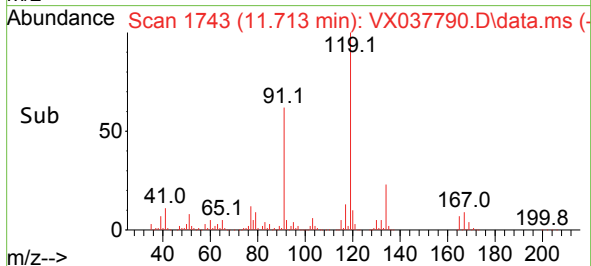
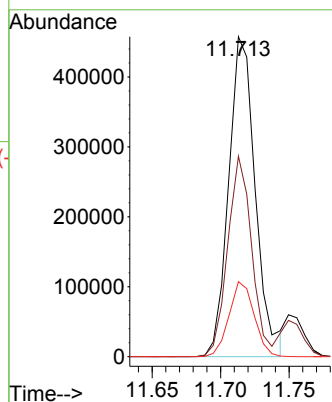
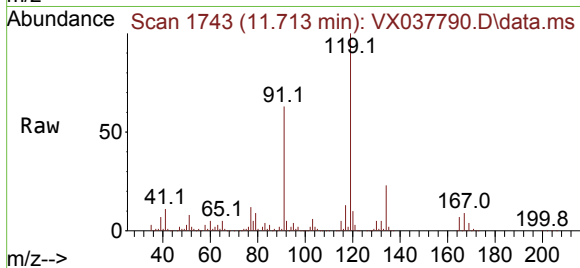
Tgt Ion:119 Resp: 619944

Ion Ratio Lower Upper

119 100

91 56.4 31.2 93.6

134 22.2 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 45.485 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.007 min

Lab File: VX037790.D

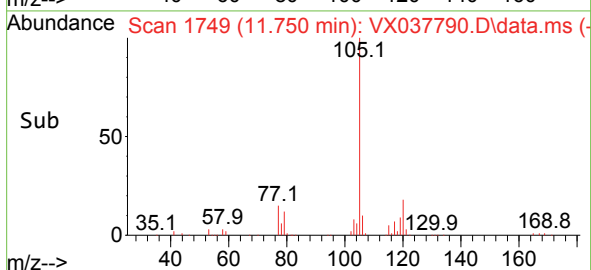
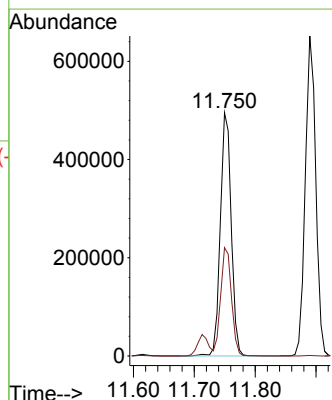
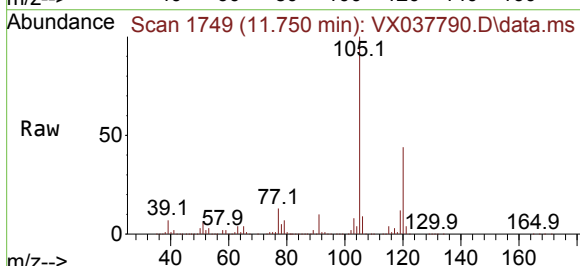
Acq: 18 Sep 2023 20:42

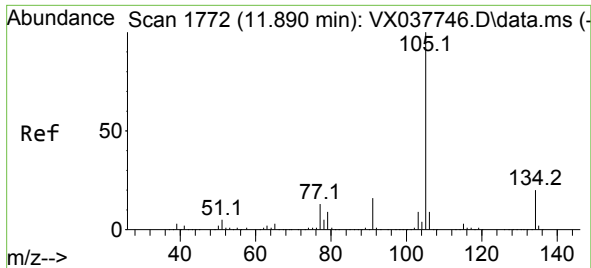
Tgt Ion:105 Resp: 613275

Ion Ratio Lower Upper

105 100

120 44.1 21.2 63.6

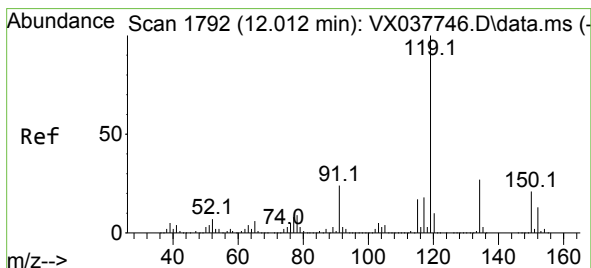
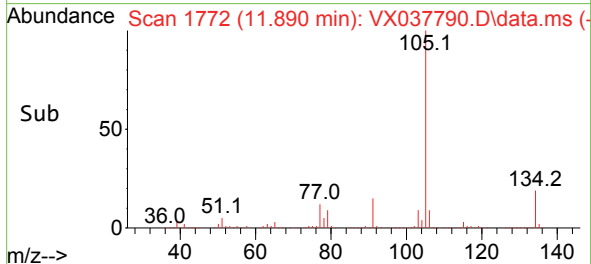
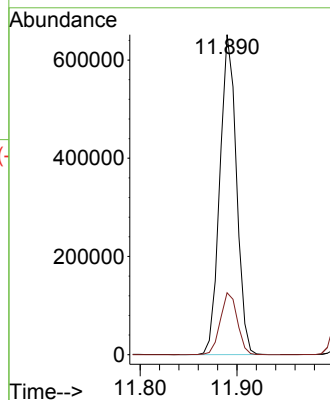
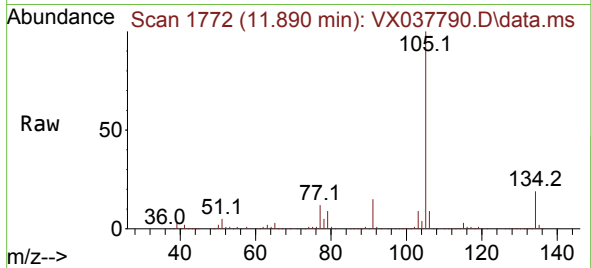




#85  
 sec-Butylbenzene  
 Concen: 46.672 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX037790.D  
 Acq: 18 Sep 2023 20:42

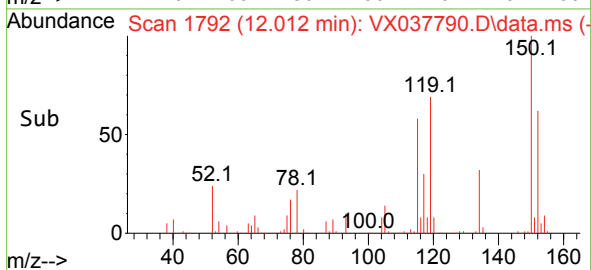
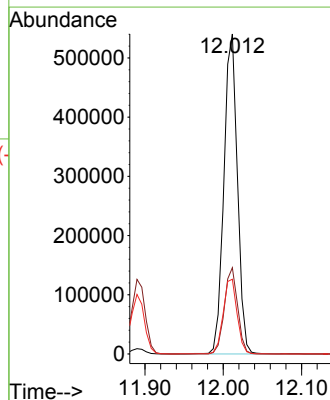
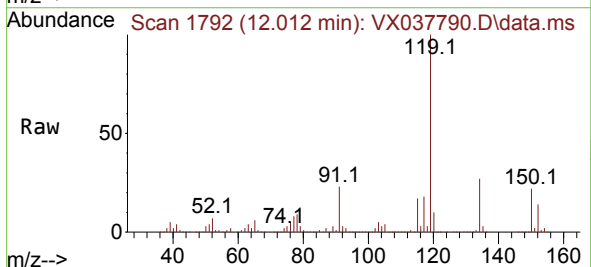
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

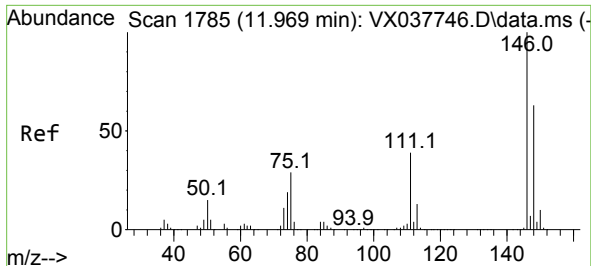
Tgt Ion:105 Resp: 775516  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 47.050 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. -0.000 min  
 Lab File: VX037790.D  
 Acq: 18 Sep 2023 20:42

Tgt Ion:119 Resp: 651345  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 12.8 38.3  
 91 23.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 45.968 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

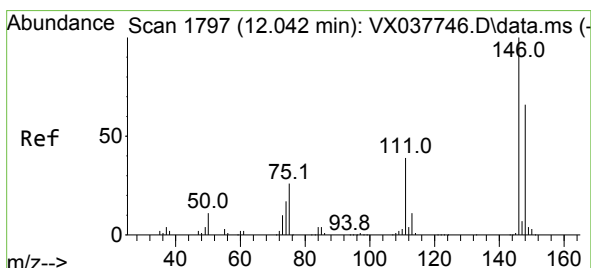
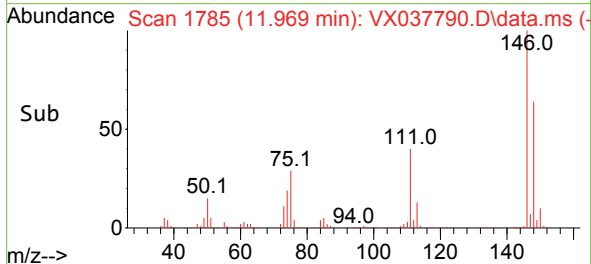
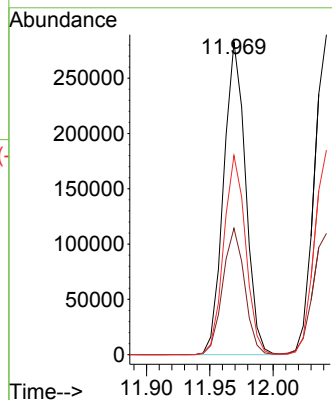
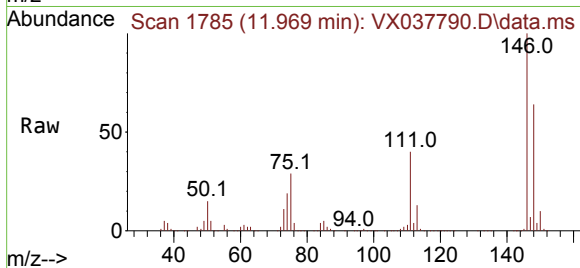
Tgt Ion:146 Resp: 340334

Ion Ratio Lower Upper

146 100

111 40.4 22.1 66.1

148 63.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 45.462 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

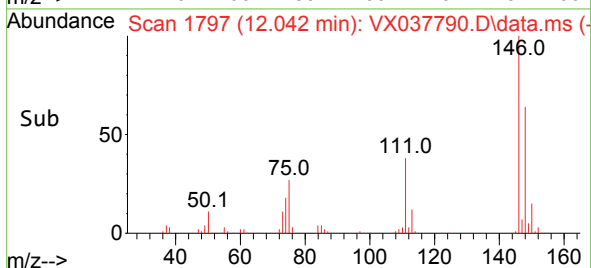
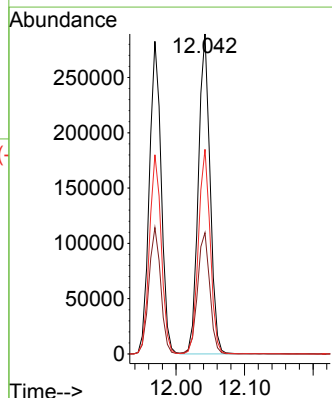
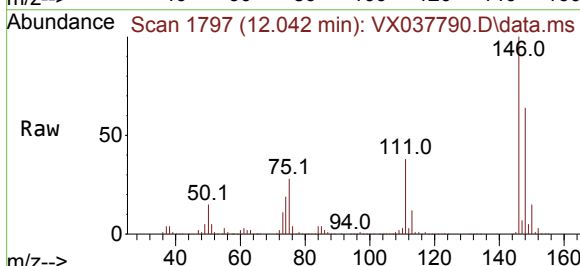
Tgt Ion:146 Resp: 344425

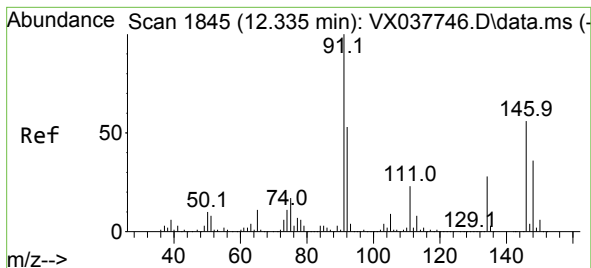
Ion Ratio Lower Upper

146 100

111 39.6 21.3 63.7

148 64.0 31.8 95.4

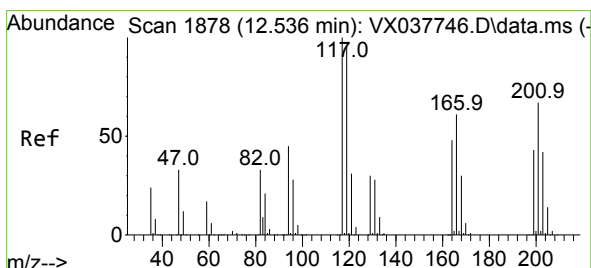
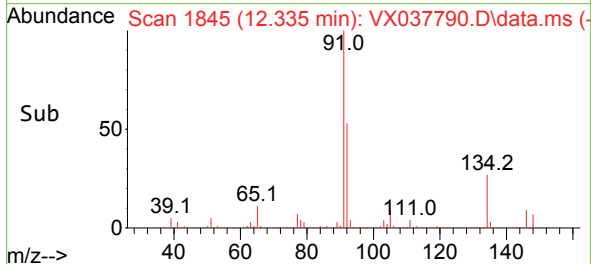
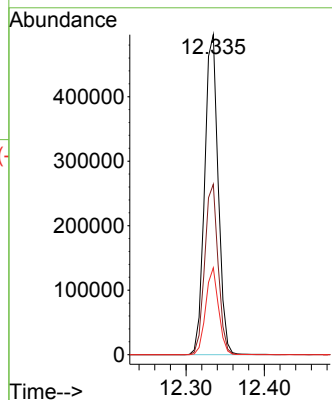
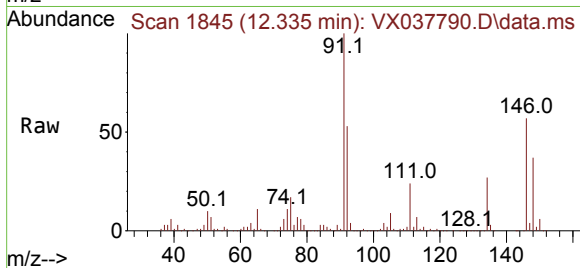




#89  
n-Butylbenzene  
Concen: 49.086 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

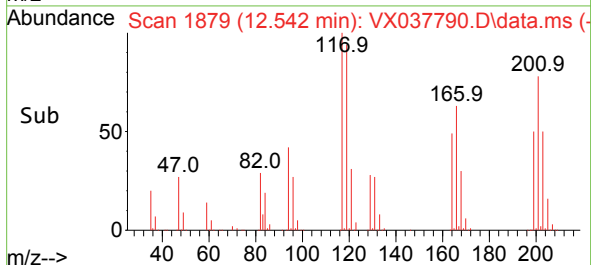
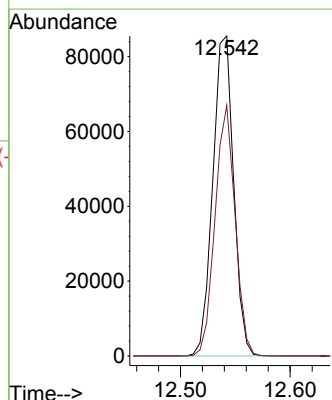
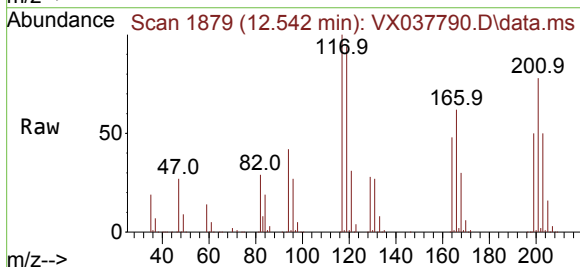
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

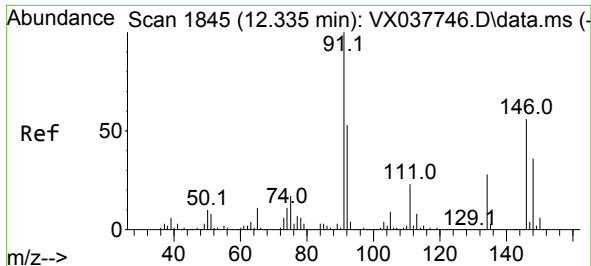
Tgt Ion: 91 Resp: 595297  
Ion Ratio Lower Upper  
91 100  
92 52.9 27.4 82.0  
134 25.8 12.6 37.8



#90  
Hexachloroethane  
Concen: 48.206 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.006 min  
Lab File: VX037790.D  
Acq: 18 Sep 2023 20:42

Tgt Ion: 117 Resp: 113071  
Ion Ratio Lower Upper  
117 100  
201 75.4 32.9 98.6

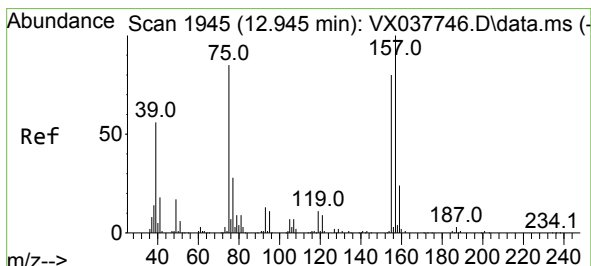
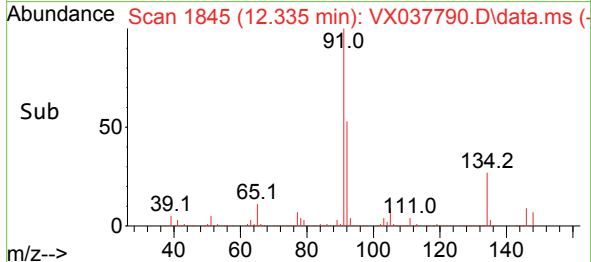
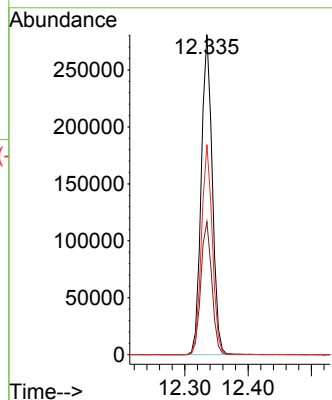
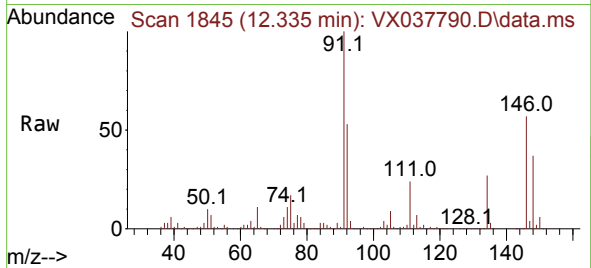




#91  
 1,2-Dichlorobenzene  
 Concen: 45.158 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. -0.000 min  
 Lab File: VX037790.D  
 Acq: 18 Sep 2023 20:42

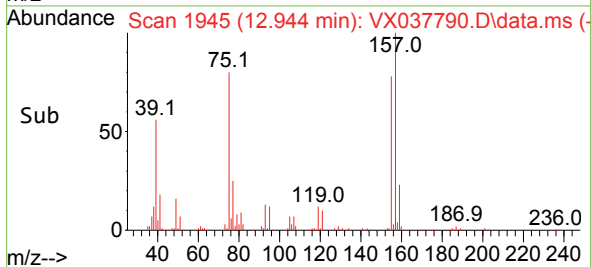
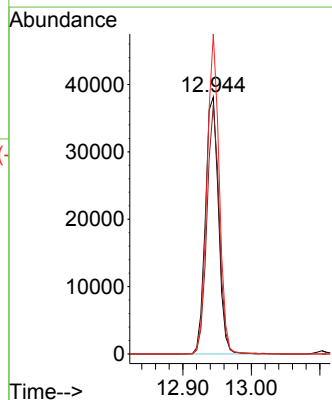
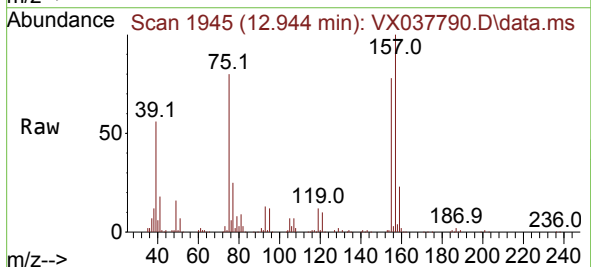
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

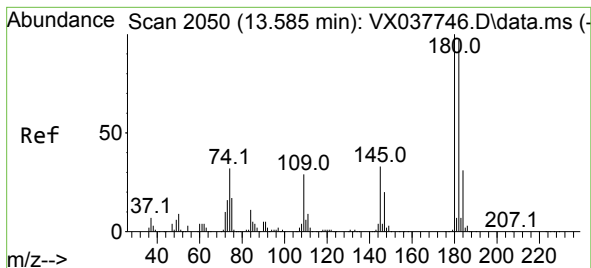
Tgt Ion:146 Resp: 341354  
 Ion Ratio Lower Upper  
 146 100  
 111 41.4 22.4 67.0  
 148 64.6 31.6 95.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.242 ug/l  
 RT: 12.944 min Scan# 1945  
 Delta R.T. 0.006 min  
 Lab File: VX037790.D  
 Acq: 18 Sep 2023 20:42

Tgt Ion: 75 Resp: 50896  
 Ion Ratio Lower Upper  
 75 100  
 155 90.8 36.1 108.5  
 157 116.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.483 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.007 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

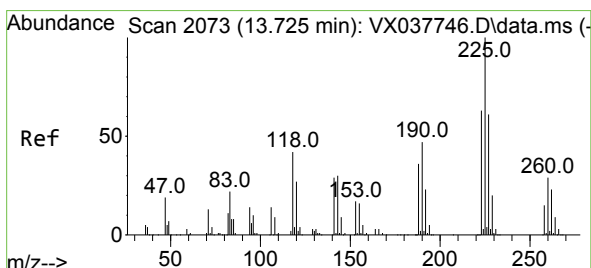
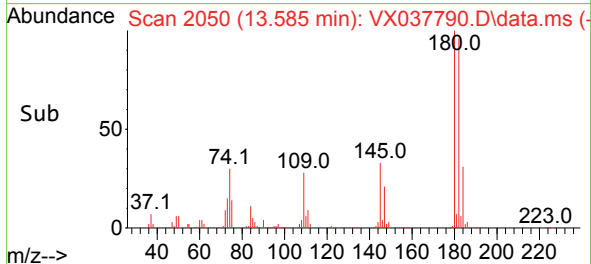
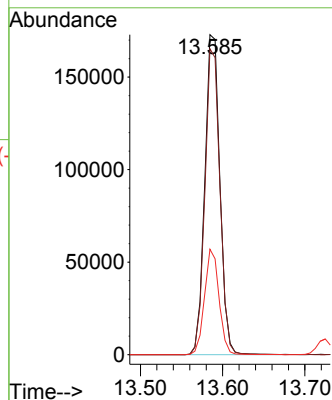
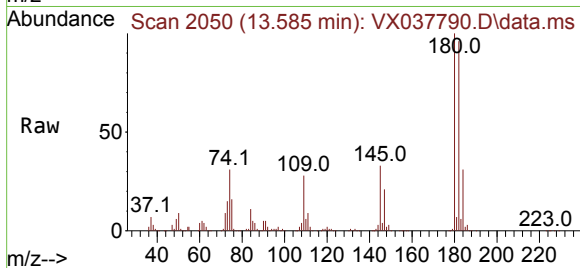
Tgt Ion:180 Resp: 220333

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.8

145 31.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 47.372 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

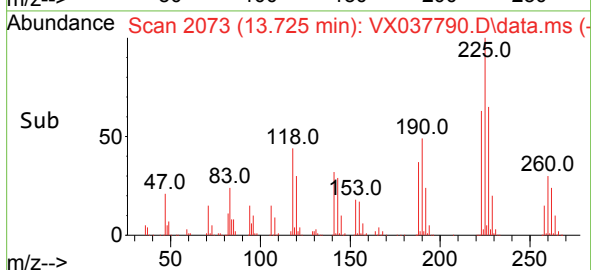
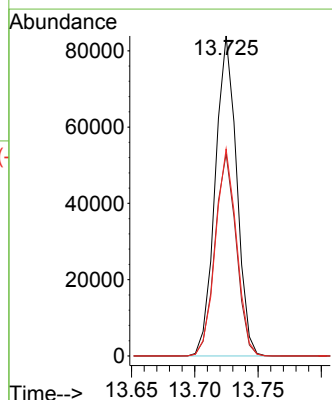
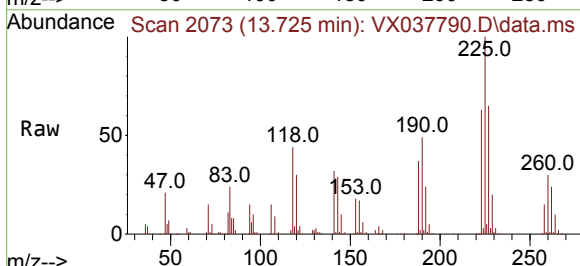
Tgt Ion:225 Resp: 98504

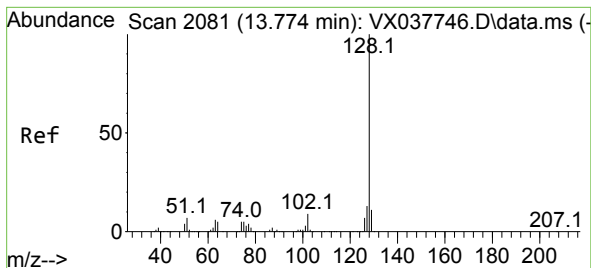
Ion Ratio Lower Upper

225 100

223 62.7 31.1 93.2

227 63.9 32.5 97.5





#95

Naphthalene

Concen: 47.501 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.007 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

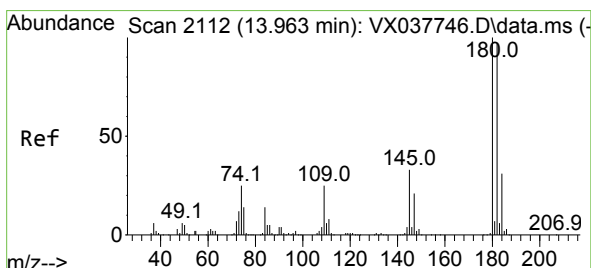
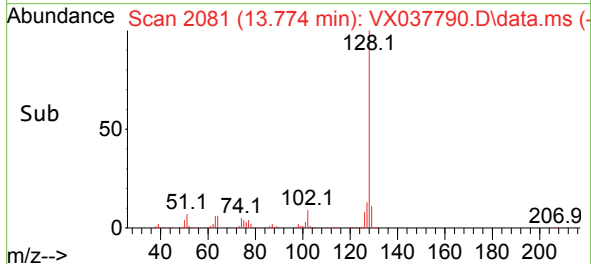
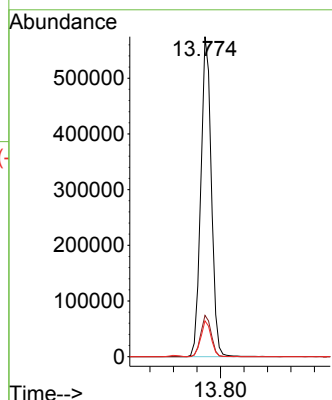
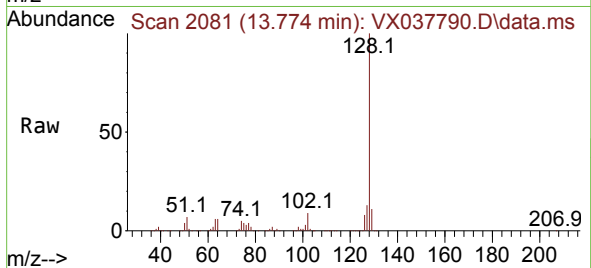
Tgt Ion:128 Resp: 715315

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 48.027 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037790.D

Acq: 18 Sep 2023 20:42

Tgt Ion:180 Resp: 220073

Ion Ratio Lower Upper

180 100

182 94.6 46.9 140.6

145 32.7 17.8 53.5

