

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX013024\  
 Data File : VX040032.D  
 Acq On : 30 Jan 2024 20:15  
 Operator : JC/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Jan 31 05:40:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 31 05:24:02 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 81183    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 144515   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 141422   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 74224    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 67121    | 51.373   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | = 102.740% |          |
| 35) Dibromofluoromethane     | 5.385  | 113   | 51162    | 52.006   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 104.020% |          |
| 50) Toluene-d8               | 8.647  | 98    | 194134   | 52.768   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | = 105.540% |          |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 76958    | 54.326   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 108.660% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.167  | 85    | 45325    | 49.568   | ug/l       | 90       |
| 3) Chloromethane             | 1.295  | 50    | 40591    | 46.808   | ug/l       | 98       |
| 4) Vinyl Chloride            | 1.374  | 62    | 40998    | 51.119   | ug/l       | 97       |
| 5) Bromomethane              | 1.593  | 94    | 36317    | 46.581   | ug/l       | 99       |
| 6) Chloroethane              | 1.679  | 64    | 27037    | 51.064   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 64968    | 50.914   | ug/l       | 98       |
| 8) Diethyl Ether             | 2.130  | 74    | 24011    | 53.224   | ug/l       | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 52450    | 55.090   | ug/l       | 98       |
| 10) Methyl Iodide            | 2.447  | 142   | 57573    | 56.806   | ug/l       | 95       |
| 11) Tert butyl alcohol       | 2.959  | 59    | 67878    | 286.321  | ug/l #     | 90       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 49521    | 54.233   | ug/l       | 93       |
| 13) Acrolein                 | 2.233  | 56    | 58630    | 258.128  | ug/l       | 100      |
| 14) Allyl chloride           | 2.660  | 41    | 88399    | 53.708   | ug/l       | 97       |
| 15) Acrylonitrile            | 3.063  | 53    | 163596   | 275.481  | ug/l       | 99       |
| 16) Acetone                  | 2.374  | 43    | 146046   | 238.569  | ug/l       | 97       |
| 17) Carbon Disulfide         | 2.508  | 76    | 141027   | 52.825   | ug/l       | 99       |
| 18) Methyl Acetate           | 2.703  | 43    | 90349    | 62.299   | ug/l       | 98       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 172379   | 55.111   | ug/l       | 99       |
| 20) Methylene Chloride       | 2.788  | 84    | 58520    | 53.791   | ug/l       | 96       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 54182    | 53.881   | ug/l       | 99       |
| 22) Diisopropyl ether        | 3.758  | 45    | 174633   | 54.775   | ug/l       | 98       |
| 23) Vinyl Acetate            | 3.721  | 43    | 796357   | 279.105  | ug/l       | 99       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 99136    | 54.293   | ug/l       | 99       |
| 25) 2-Butanone               | 4.556  | 43    | 222143   | 261.042  | ug/l       | 96       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 69497    | 48.779   | ug/l       | 97       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 60250    | 53.697   | ug/l       | 94       |
| 28) Bromochloromethane       | 4.898  | 49    | 47262    | 55.508   | ug/l       | 98       |
| 29) Tetrahydrofuran          | 5.001  | 42    | 150937   | 278.953  | ug/l       | 99       |
| 30) Chloroform               | 5.093  | 83    | 103705   | 52.892   | ug/l       | 98       |
| 31) Cyclohexane              | 5.471  | 56    | 83128    | 50.793   | ug/l       | 95       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 88820    | 52.785   | ug/l       | 99       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 75328    | 52.945   | ug/l       | 98       |
| 37) Ethyl Acetate            | 4.715  | 43    | 85328    | 54.915   | ug/l       | 98       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 73515    | 54.002   | ug/l       | 98       |
| 39) Methylcyclohexane        | 7.379  | 83    | 90062    | 52.027   | ug/l       | 95       |
| 40) Benzene                  | 6.038  | 78    | 218136   | 52.640   | ug/l       | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX013024\  
 Data File : VX040032.D  
 Acq On : 30 Jan 2024 20:15  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jan 31 05:40:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 31 05:24:02 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 46121    | 58.529   | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 85292    | 53.468   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.336  | 43   | 136657   | 55.771   | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 55683    | 51.062   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 57482    | 52.537   | ug/l   | 95       |
| 46) Dibromomethane            | 7.580  | 93   | 43150    | 52.543   | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.824  | 83   | 80653    | 55.142   | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.690  | 41   | 68406    | 56.672   | ug/l   | 93       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 29877    | 1139.048 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 473119   | 282.852  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 139399   | 53.971   | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 82839    | 54.607   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 90670    | 56.014   | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 58112    | 54.356   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 89628    | 57.410   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 96642    | 54.879   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 234866   | 299.168  | ug/l   | 97       |
| 59) 2-Hexanone                | 9.427  | 43   | 372487   | 279.298  | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.519  | 129  | 59545    | 55.430   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 63660    | 55.077   | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 45991    | 49.980   | ug/l   | 96       |
| 65) Chlorobenzene             | 10.080 | 112  | 148385   | 50.762   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 52178    | 52.855   | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.195 | 91   | 277552   | 52.920   | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 209604   | 106.230  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 102526   | 54.779   | ug/l   | 99       |
| 70) Styrene                   | 10.653 | 104  | 171538   | 54.379   | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 41688    | 51.883   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 269300   | 50.527   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.842 | 43   | 132342   | 52.019   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 98044    | 48.928   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 105015   | 66.439   | ug/l   | 92       |
| 77) Bromobenzene              | 11.195 | 156  | 60071    | 48.859   | ug/l   | 98       |
| 78) n-propylbenzene           | 11.305 | 91   | 330438   | 50.381   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 193341   | 48.965   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 233252   | 50.910   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 25334    | 50.491   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 226485   | 49.976   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 220681   | 50.335   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 236368   | 51.701   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 292218   | 50.308   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 244056   | 51.454   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 124613   | 50.242   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 128591   | 50.648   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 236175   | 51.300   | ug/l   | 96       |
| 90) Hexachloroethane          | 12.536 | 117  | 39564    | 50.964   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 121318   | 50.730   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 23574    | 51.899   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 75067    | 50.215   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 27239    | 46.257   | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 266443   | 52.476   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 72956    | 49.359   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX013024\  
Data File : VX040032.D  
Acq On : 30 Jan 2024 20:15  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 26 Sample Multiplier: 1

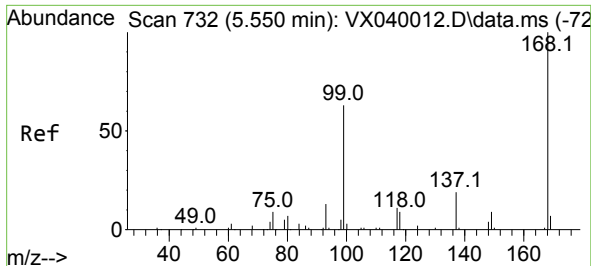
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jan 31 05:40:59 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 31 05:24:02 2024  
Response via : Initial Calibration

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

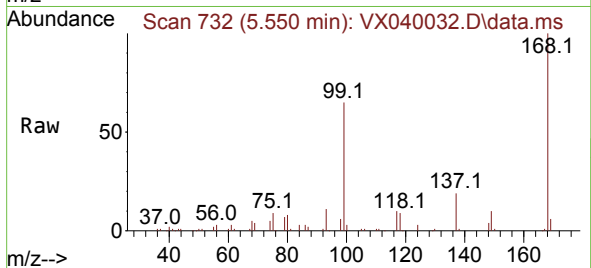
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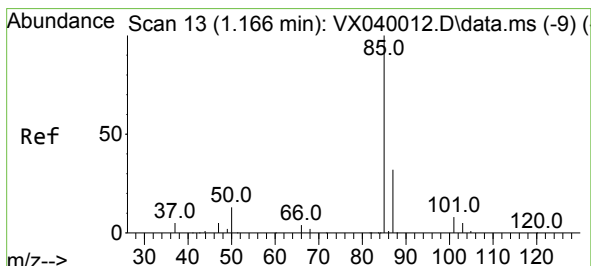
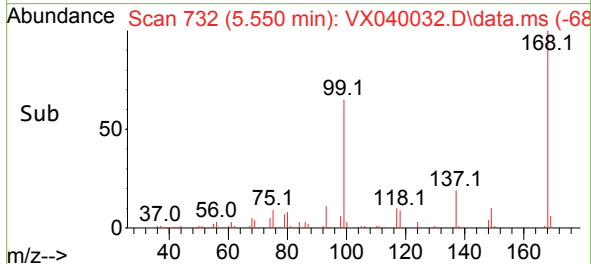
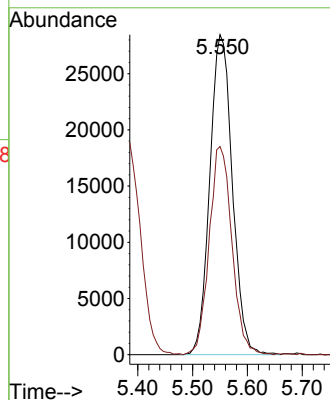


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

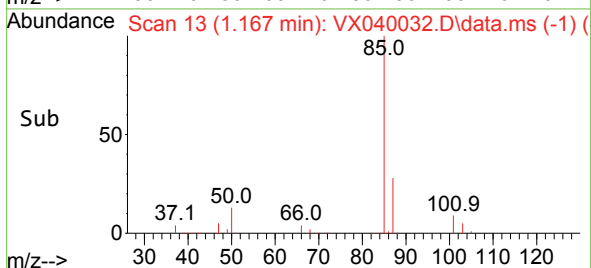
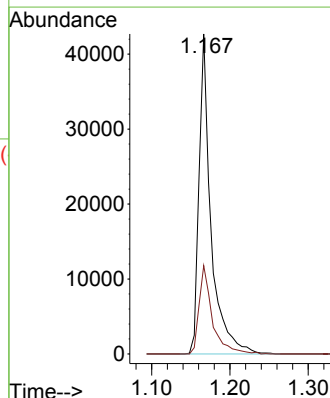
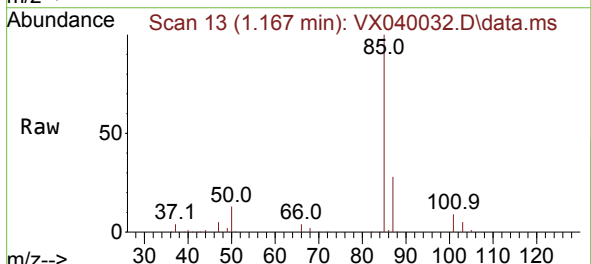


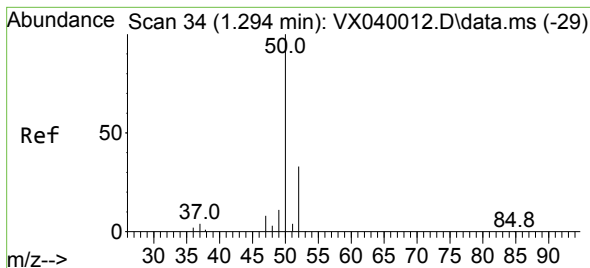
Tgt Ion:168 Resp: 81183  
Ion Ratio Lower Upper  
168 100  
99 64.9 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 49.568 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 85 Resp: 45325  
Ion Ratio Lower Upper  
85 100  
87 27.6 16.7 50.1





#3

Chloromethane

Concen: 46.808 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

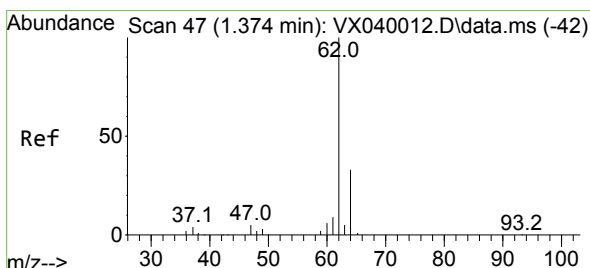
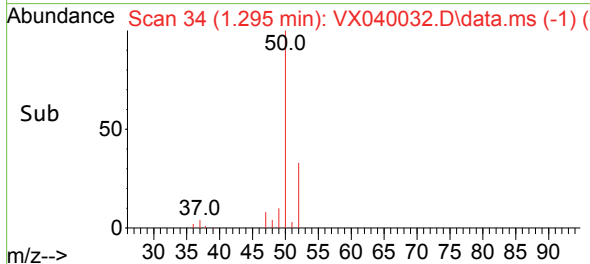
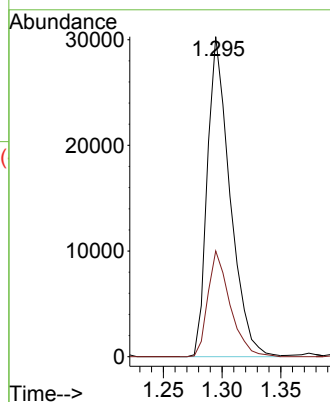
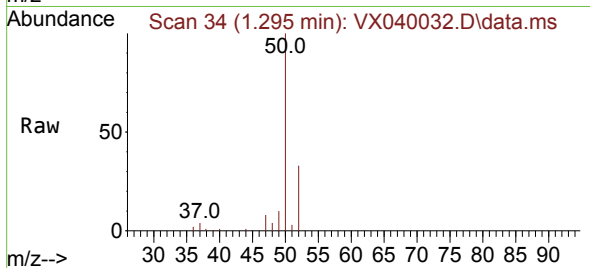
VSTDCCC050EC

Tgt Ion: 50 Resp: 40591

Ion Ratio Lower Upper

50 100

52 33.0 25.5 38.3



#4

Vinyl Chloride

Concen: 51.119 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX040032.D

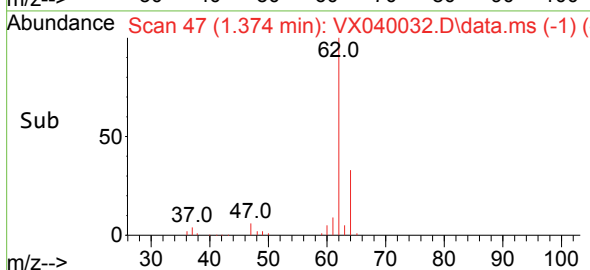
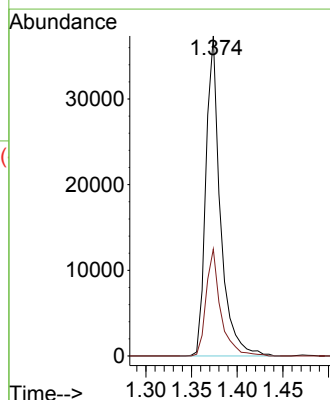
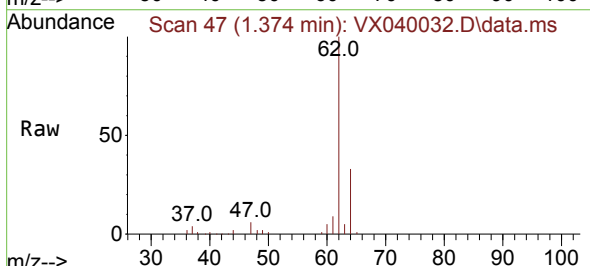
Acq: 30 Jan 2024 20:15

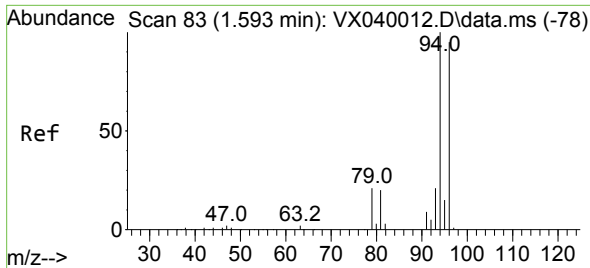
Tgt Ion: 62 Resp: 40998

Ion Ratio Lower Upper

62 100

64 33.4 25.4 38.0

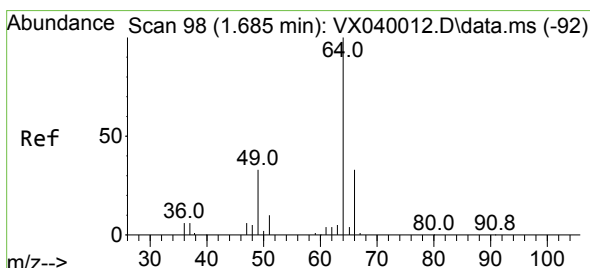
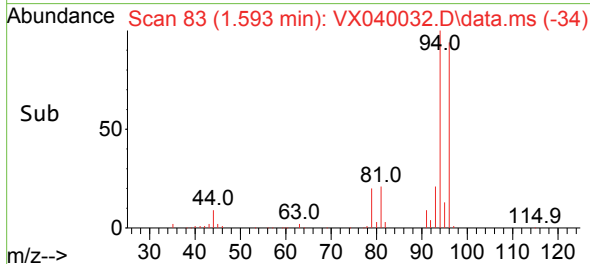
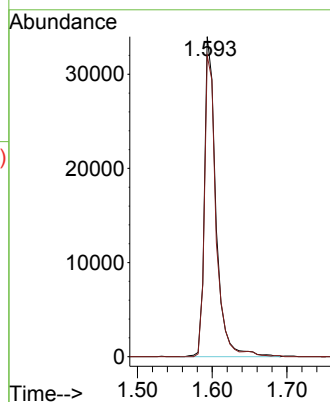
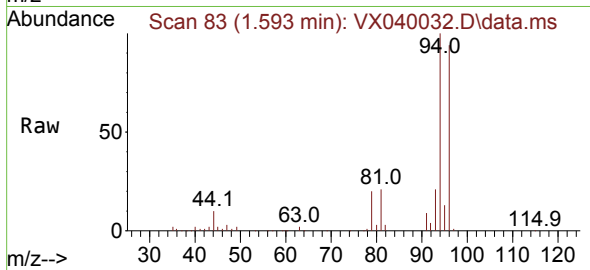




#5  
Bromomethane  
Concen: 46.581 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

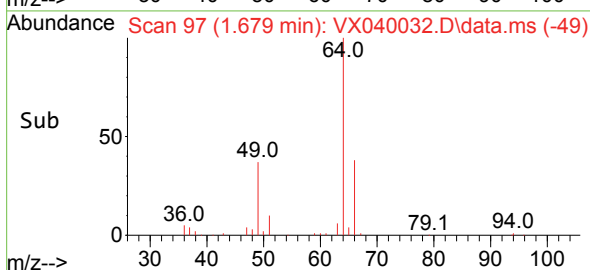
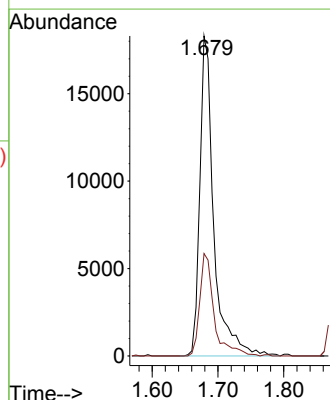
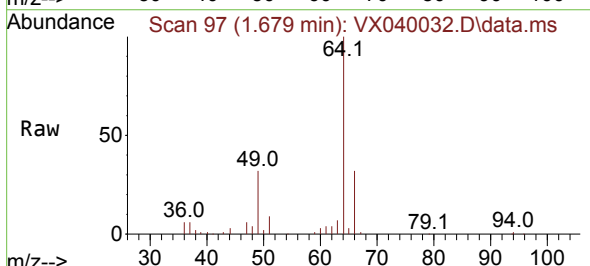
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

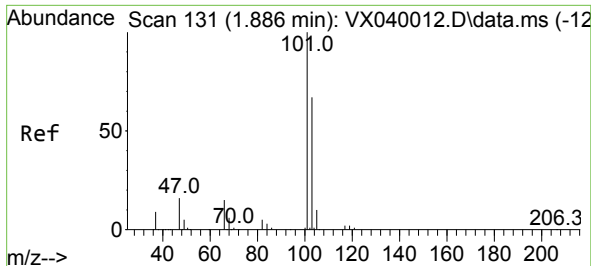
Tgt Ion: 94 Resp: 36317  
Ion Ratio Lower Upper  
94 100  
96 94.0 74.6 111.8



#6  
Chloroethane  
Concen: 51.064 ug/l  
RT: 1.679 min Scan# 97  
Delta R.T. -0.006 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 64 Resp: 27037  
Ion Ratio Lower Upper  
64 100  
66 32.0 25.1 37.7

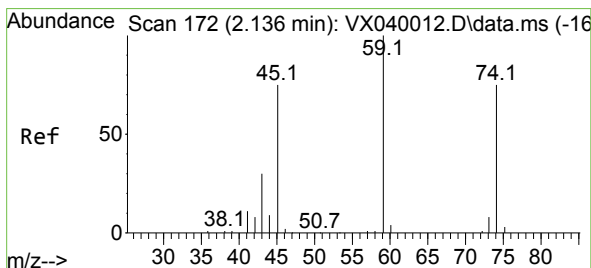
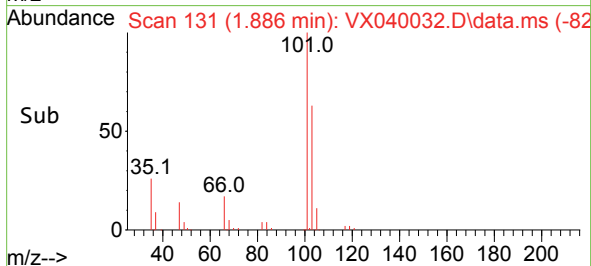
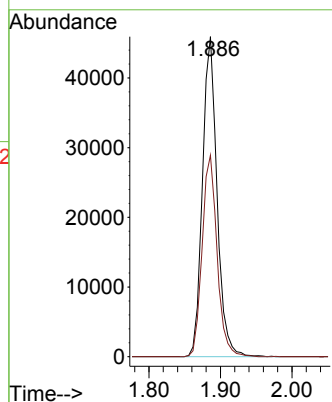
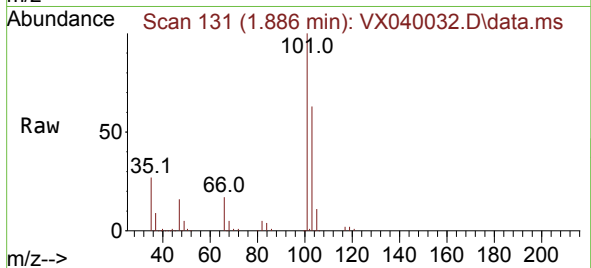




#7  
 Trichlorofluoromethane  
 Concen: 50.914 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX040032.D  
 Acq: 30 Jan 2024 20:15

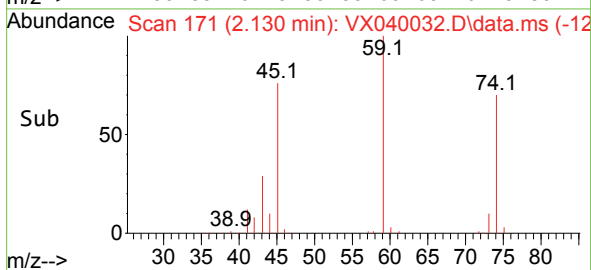
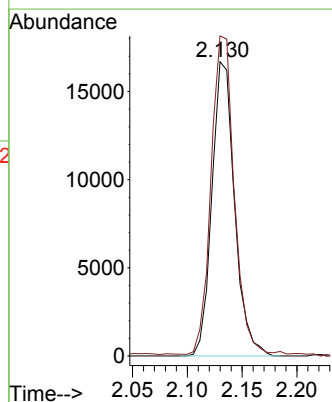
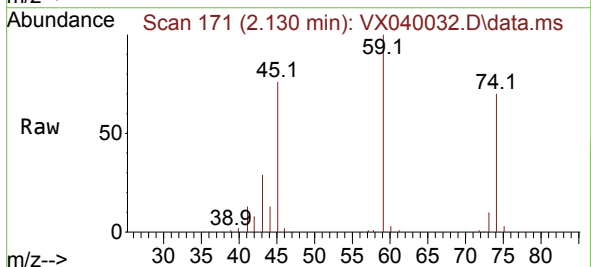
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:101 Resp: 64968  
 Ion Ratio Lower Upper  
 101 100  
 103 62.9 51.4 77.2

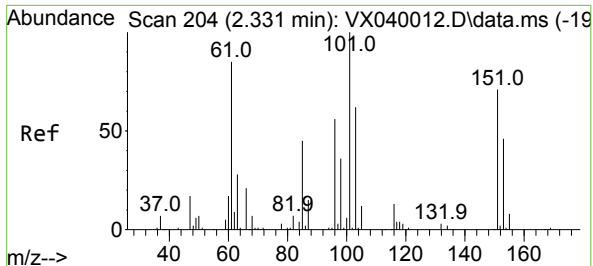


#8  
 Diethyl Ether  
 Concen: 53.224 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.006 min  
 Lab File: VX040032.D  
 Acq: 30 Jan 2024 20:15

Tgt Ion: 74 Resp: 24011  
 Ion Ratio Lower Upper  
 74 100  
 45 113.8 53.3 159.8



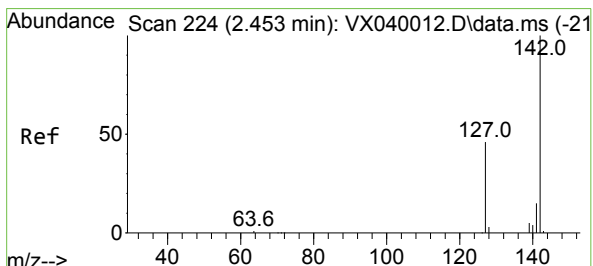
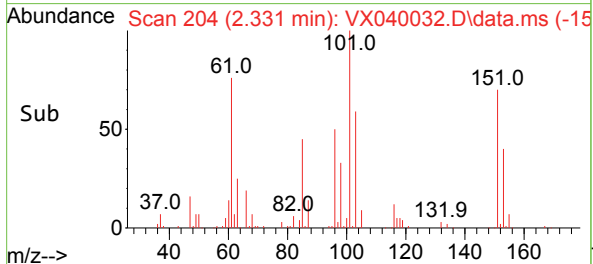
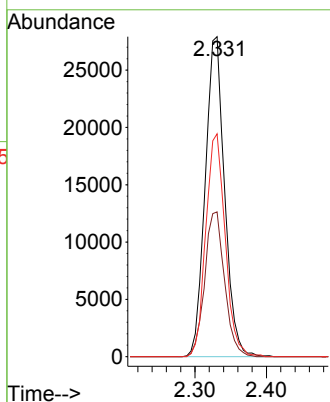
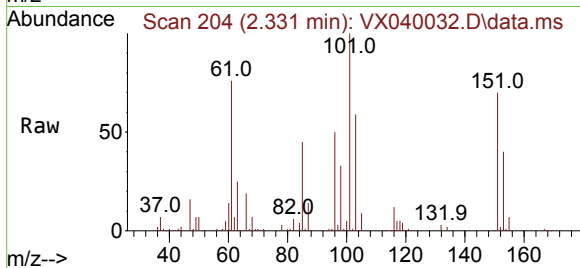




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 55.090 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

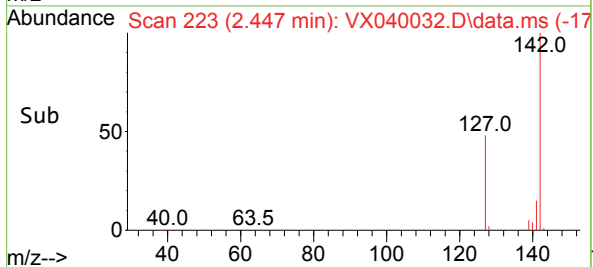
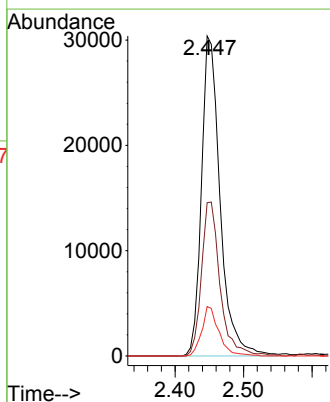
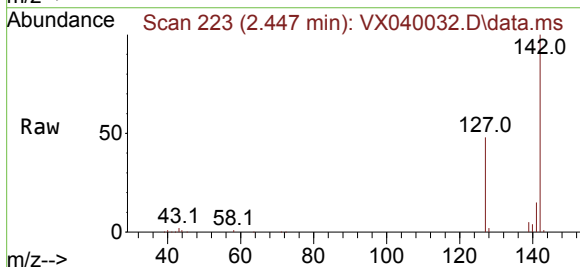
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

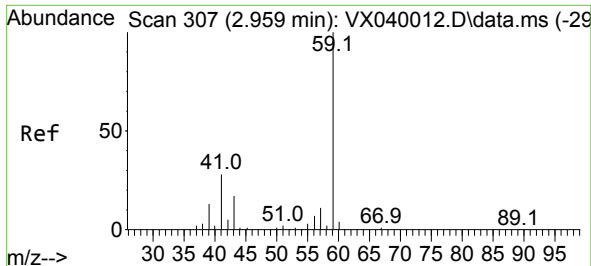
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 52450 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 46.4  | 37.0  | 55.6  |
| 151      | 69.9  | 58.6  | 87.8  |



#10  
Methyl Iodide  
Concen: 56.806 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. -0.006 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 57573 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 48.0  | 41.6  | 62.4  |
| 141      | 14.2  | 11.6  | 17.4  |

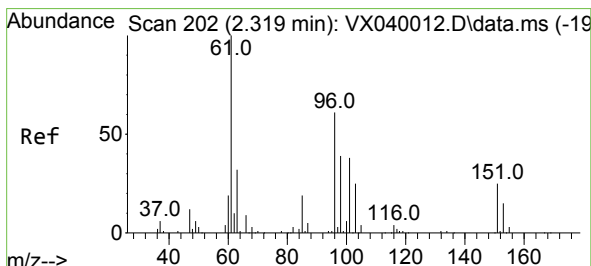
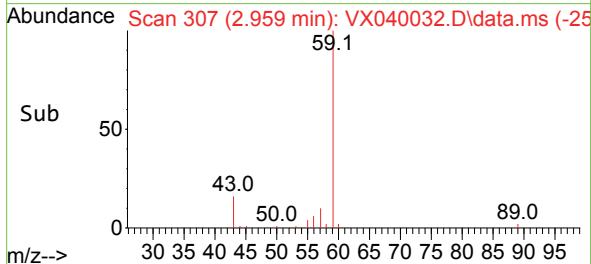
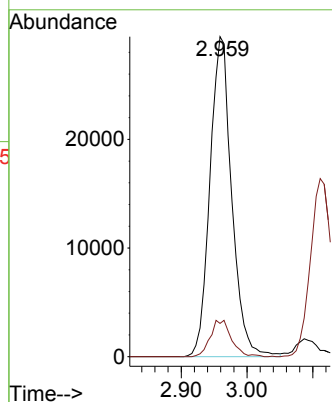
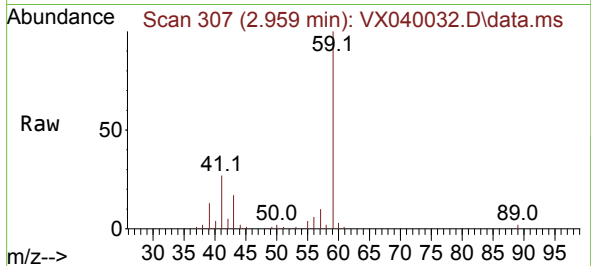




#11  
Tert butyl alcohol  
Concen: 286.321 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

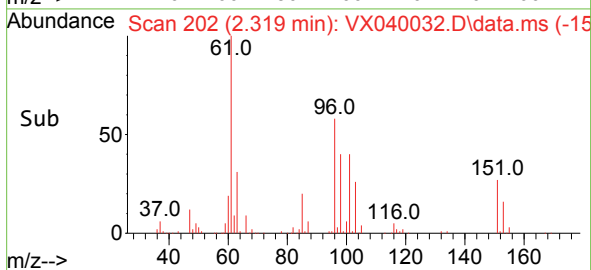
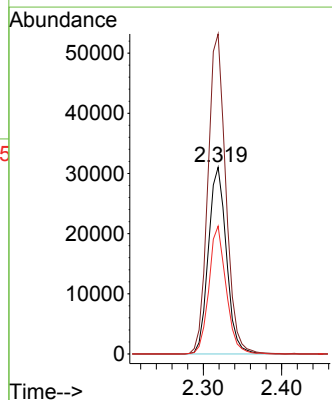
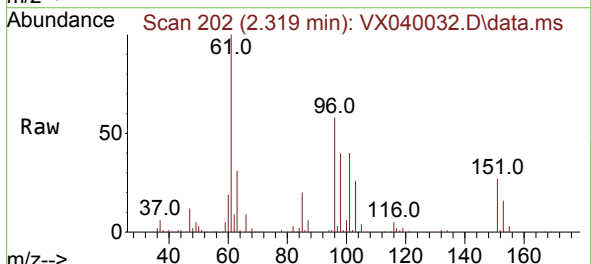
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

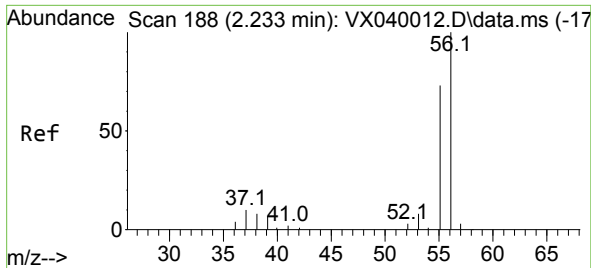
Tgt Ion: 59 Resp: 67878  
Ion Ratio Lower Upper  
59 100  
57 11.1 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 54.233 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 96 Resp: 49521  
Ion Ratio Lower Upper  
96 100  
61 171.4 144.6 216.8  
98 68.5 50.4 75.6

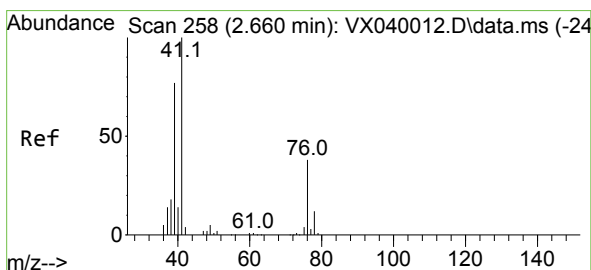
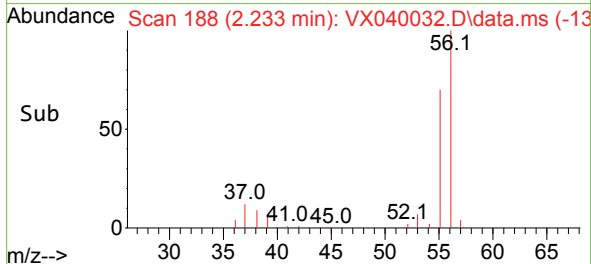
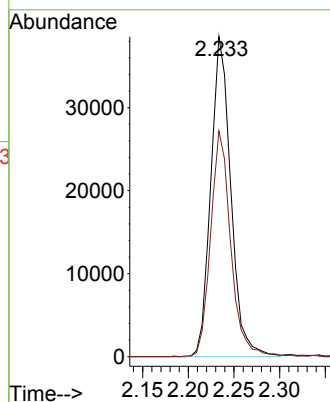
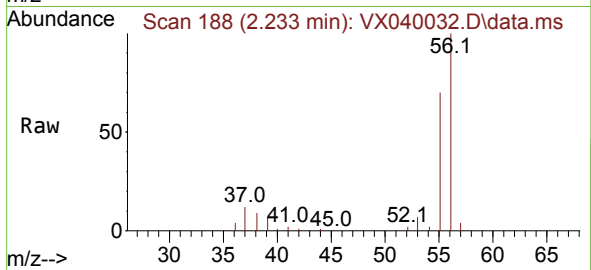




#13  
Acrolein  
Concen: 258.128 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

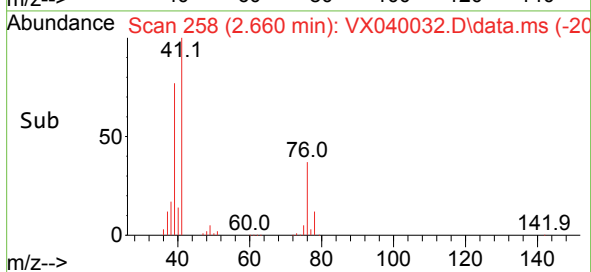
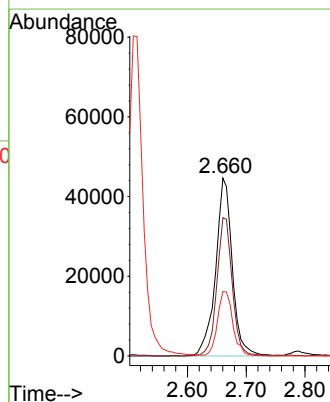
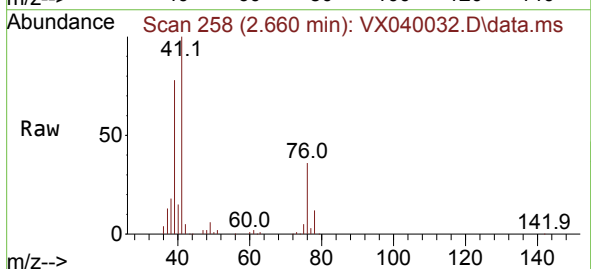
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

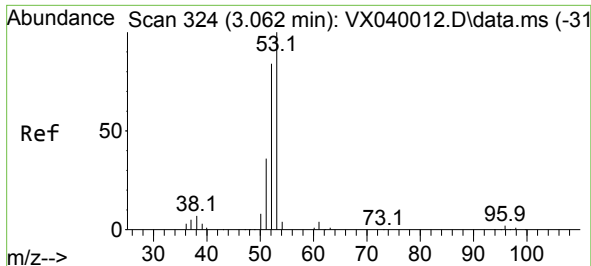
Tgt Ion: 56 Resp: 58630  
Ion Ratio Lower Upper  
56 100  
55 71.0 57.1 85.7



#14  
Allyl chloride  
Concen: 53.708 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 41 Resp: 88399  
Ion Ratio Lower Upper  
41 100  
39 71.2 55.8 83.6  
76 33.3 24.3 36.5

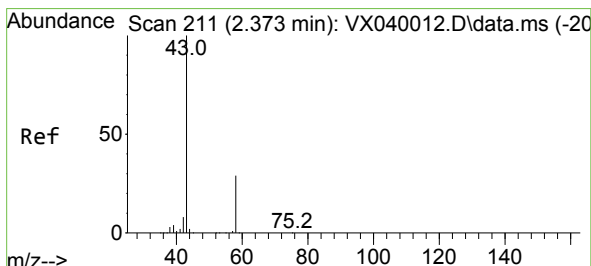
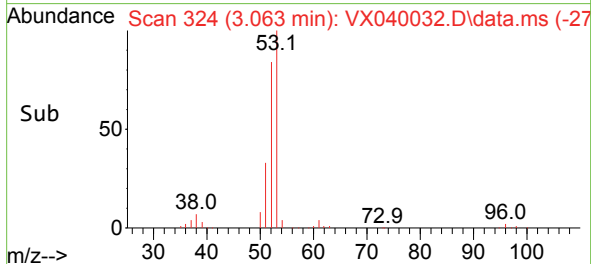
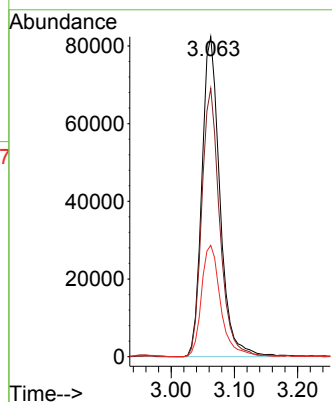
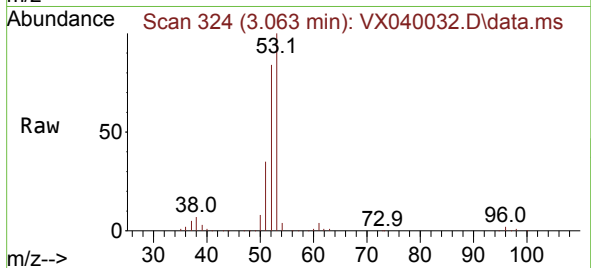




#15  
Acrylonitrile  
Concen: 275.481 ug/l  
RT: 3.063 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

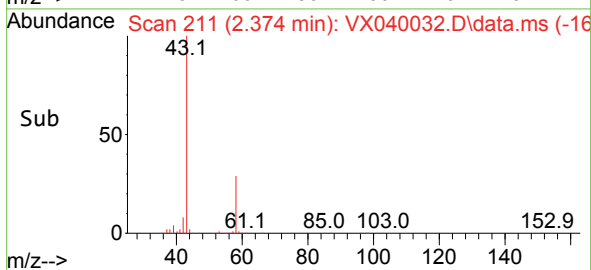
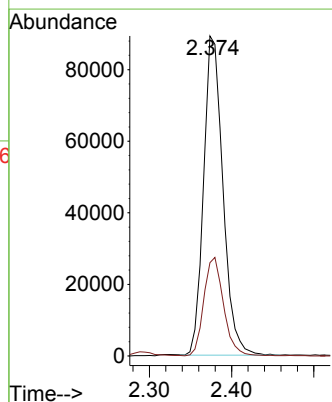
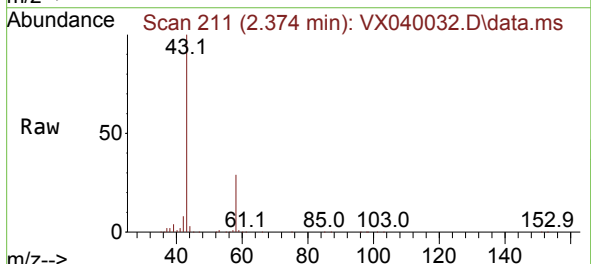
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

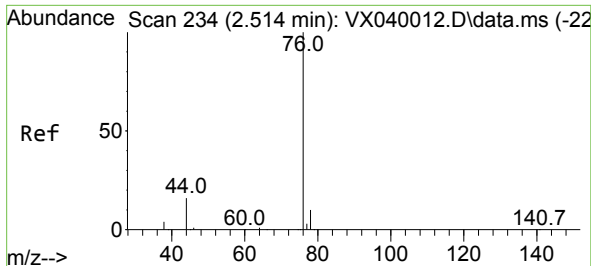
Tgt Ion: 53 Resp: 163596  
Ion Ratio Lower Upper  
53 100  
52 83.8 66.0 99.0  
51 37.2 29.8 44.6



#16  
Acetone  
Concen: 238.569 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 43 Resp: 146046  
Ion Ratio Lower Upper  
43 100  
58 29.2 21.9 32.9

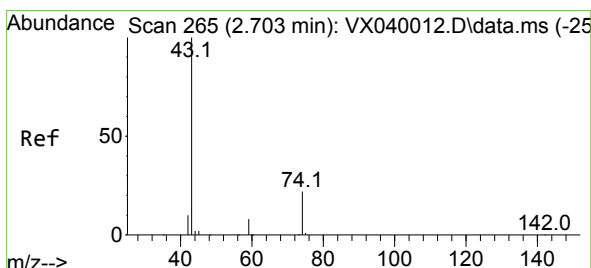
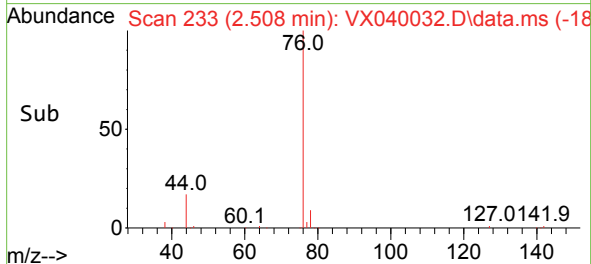
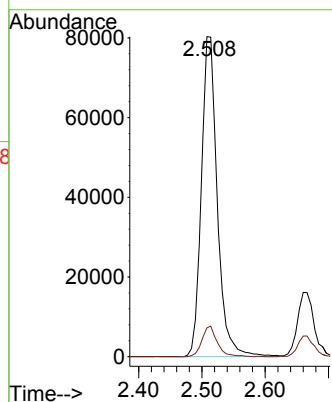
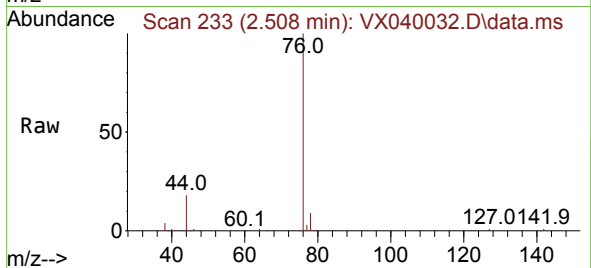




#17  
Carbon Disulfide  
Concen: 52.825 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

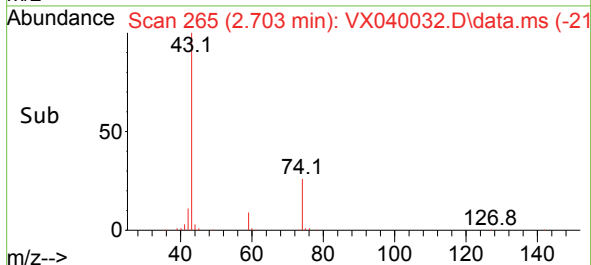
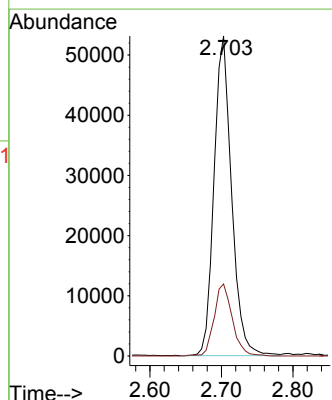
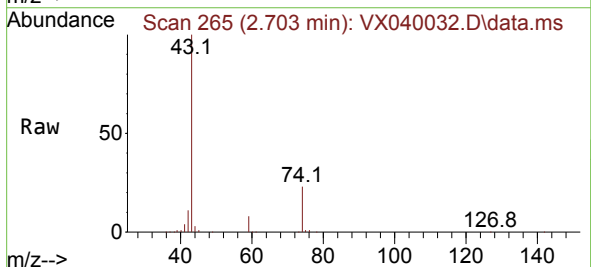
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

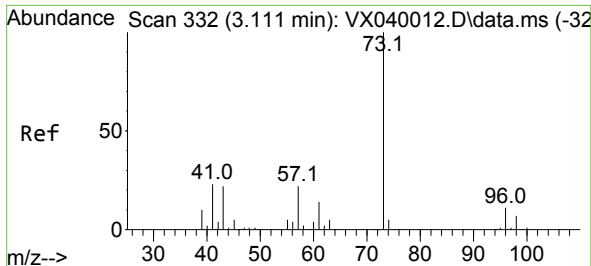
Tgt Ion: 76 Resp: 141027  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.0 10.6



#18  
Methyl Acetate  
Concen: 62.299 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 43 Resp: 90349  
Ion Ratio Lower Upper  
43 100  
74 23.4 17.8 26.8

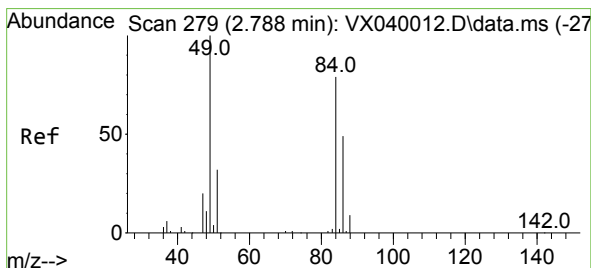
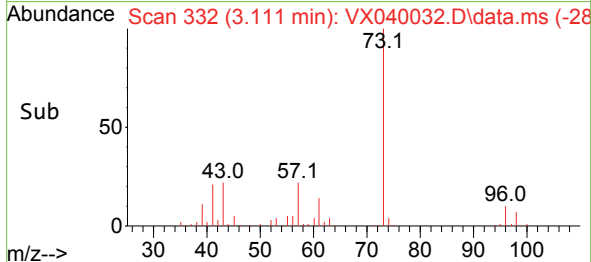
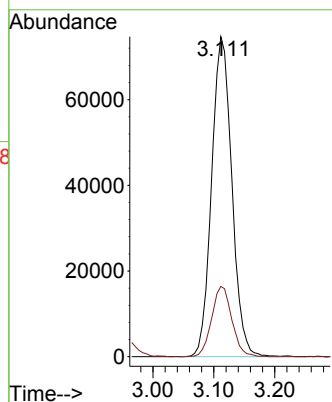
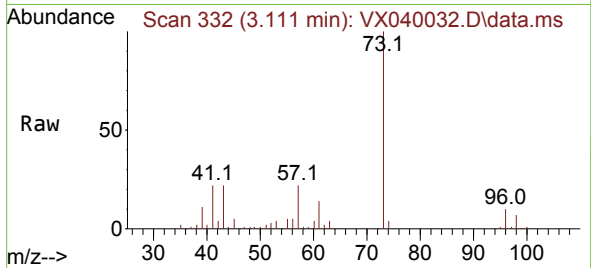




#19  
Methyl tert-butyl Ether  
Concen: 55.111 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

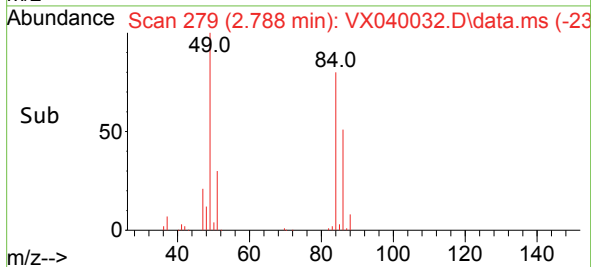
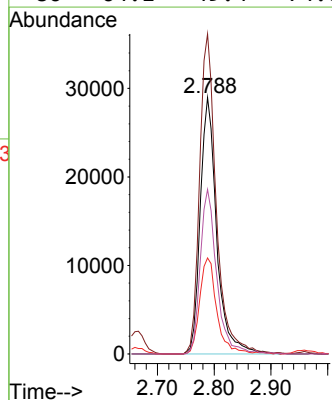
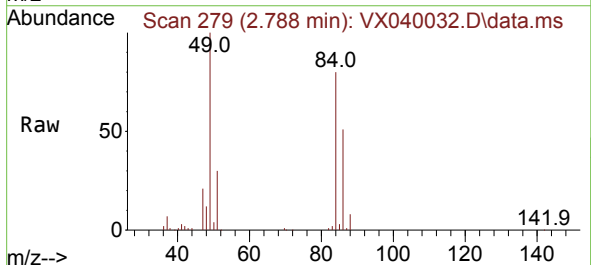
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

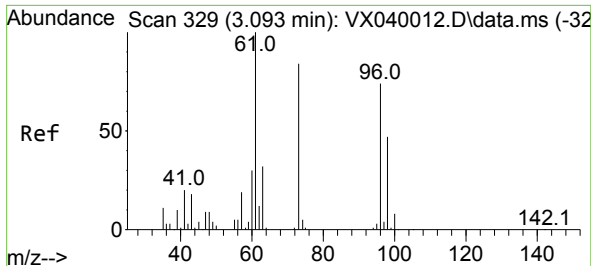
Tgt Ion: 73 Resp: 172379  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.3 25.9



#20  
Methylene Chloride  
Concen: 53.791 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 84 Resp: 58520  
Ion Ratio Lower Upper  
84 100  
49 124.7 103.6 155.4  
51 37.4 33.8 50.6  
86 64.1 49.4 74.0

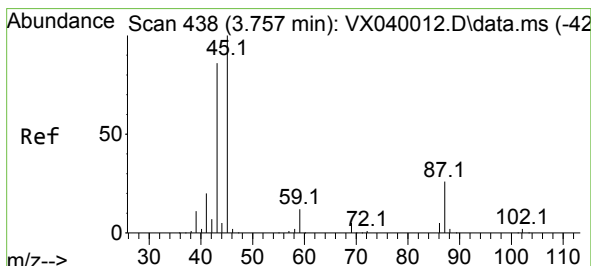
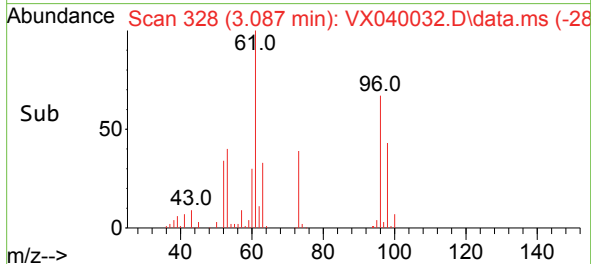
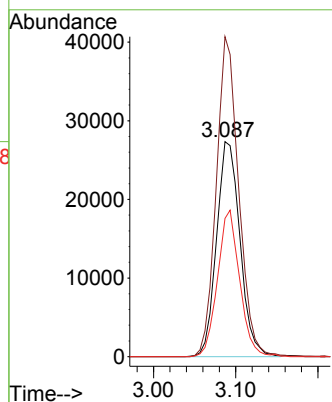
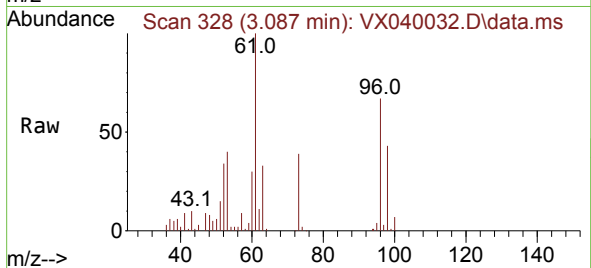




#21  
trans-1,2-Dichloroethene  
Concen: 53.881 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

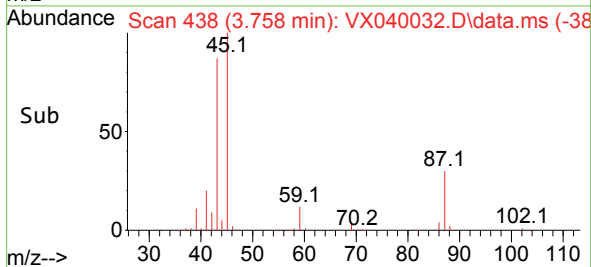
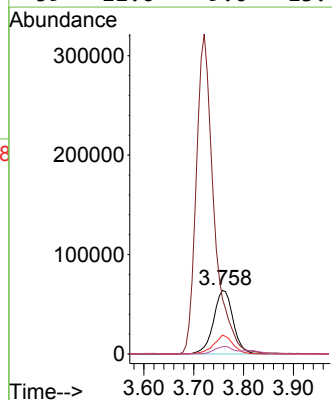
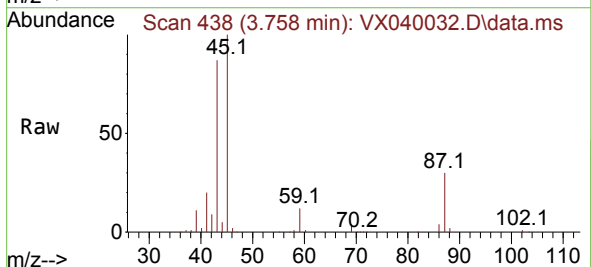
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

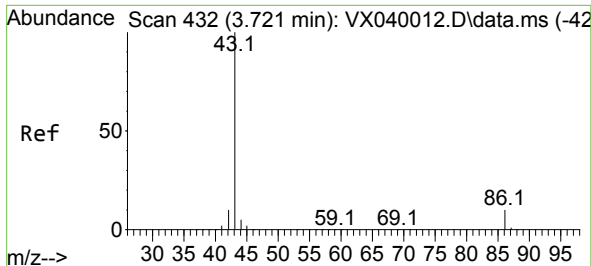
Tgt Ion: 96 Resp: 54182  
Ion Ratio Lower Upper  
96 100  
61 148.8 119.2 178.8  
98 64.3 48.7 73.1



#22  
Diisopropyl ether  
Concen: 54.775 ug/l  
RT: 3.758 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 45 Resp: 174633  
Ion Ratio Lower Upper  
45 100  
43 86.2 69.7 104.5  
87 29.8 20.8 31.2  
59 11.6 9.0 13.4

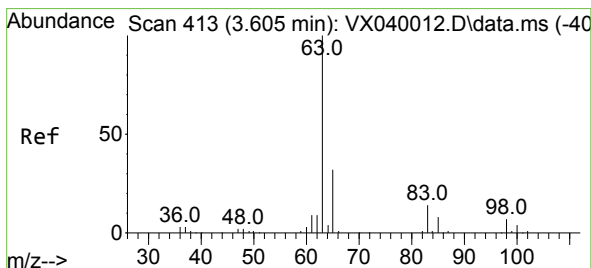
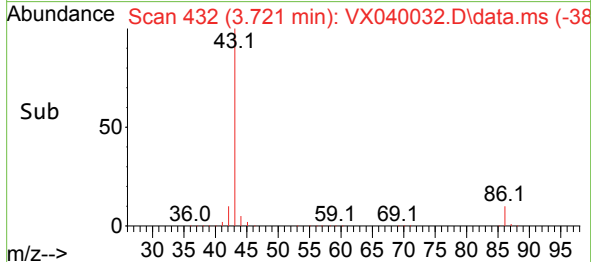
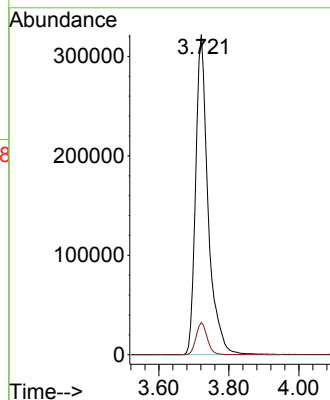
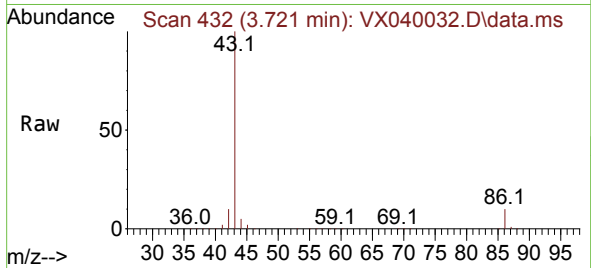




#23  
 Vinyl Acetate  
 Concen: 279.105 ug/l  
 RT: 3.721 min Scan# 411  
 Delta R.T. 0.000 min  
 Lab File: VX040032.D  
 Acq: 30 Jan 2024 20:15

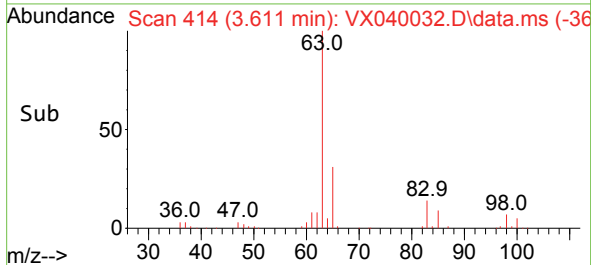
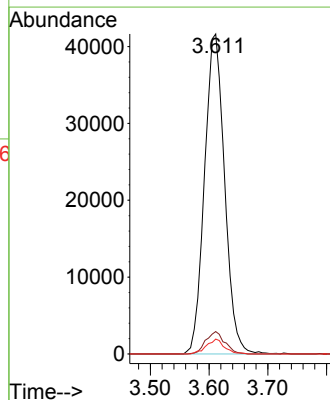
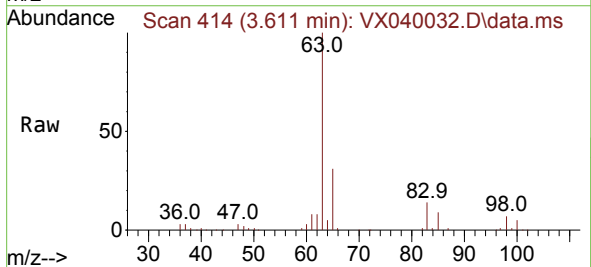
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 796357  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 7.8 11.8

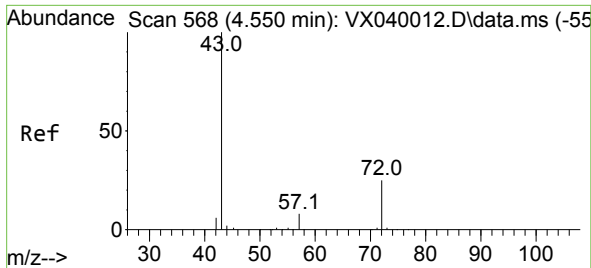


#24  
 1,1-Dichloroethane  
 Concen: 54.293 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX040032.D  
 Acq: 30 Jan 2024 20:15

Tgt Ion: 63 Resp: 99136  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.3 9.8  
 100 4.6 2.1 6.5



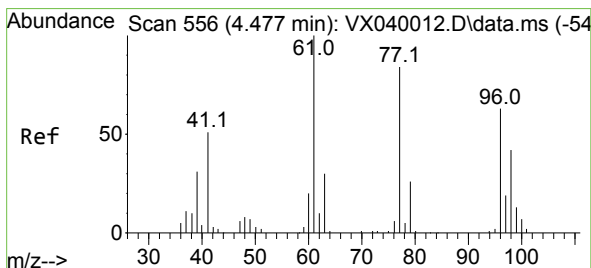
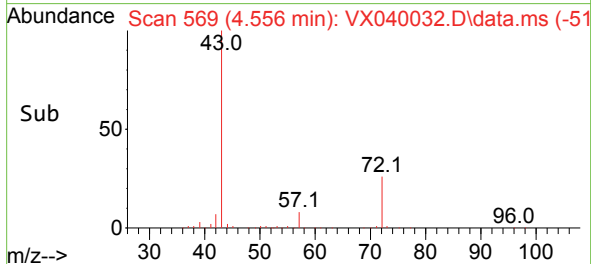
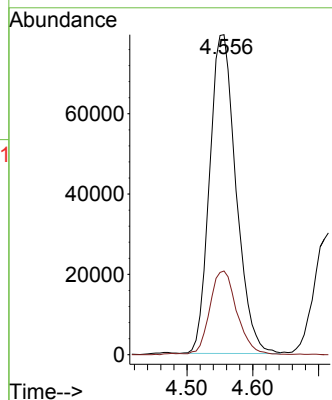
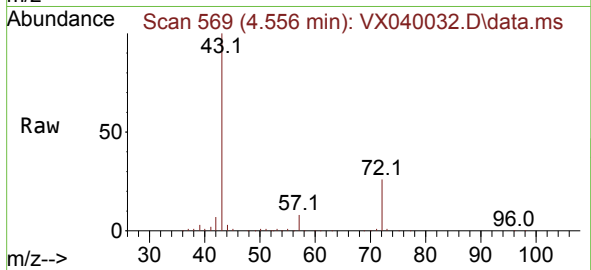




#25  
2-Butanone  
Concen: 261.042 ug/l  
RT: 4.556 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

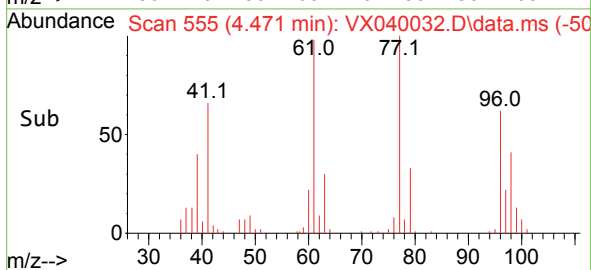
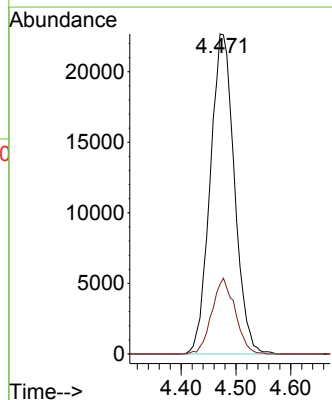
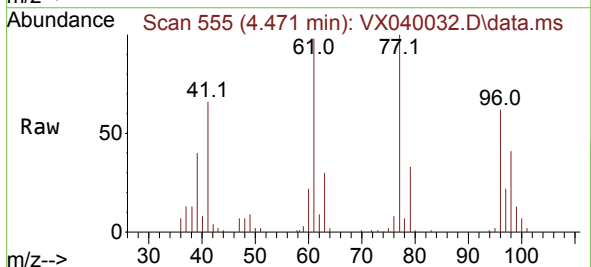
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

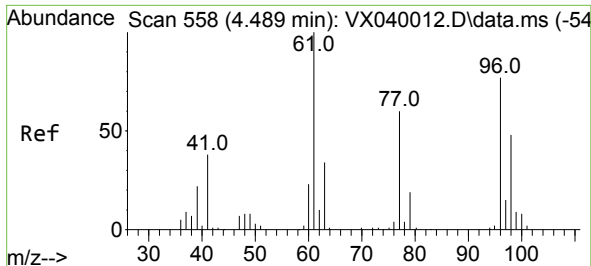
Tgt Ion: 43 Resp: 222143  
Ion Ratio Lower Upper  
43 100  
72 26.1 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 48.779 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.006 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 77 Resp: 69497  
Ion Ratio Lower Upper  
77 100  
97 22.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 53.697 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

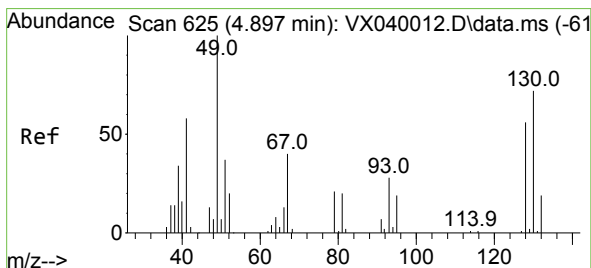
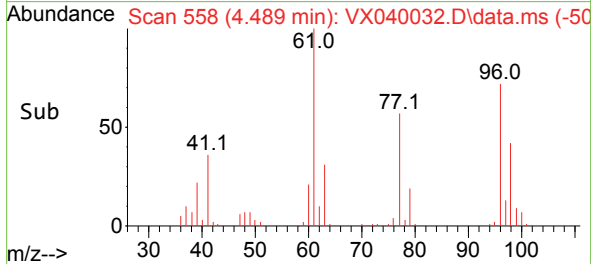
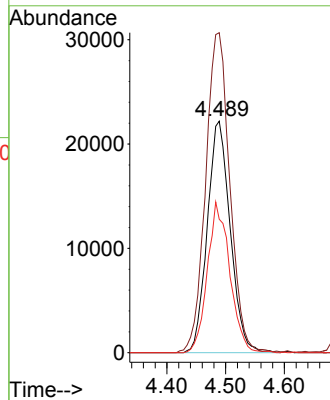
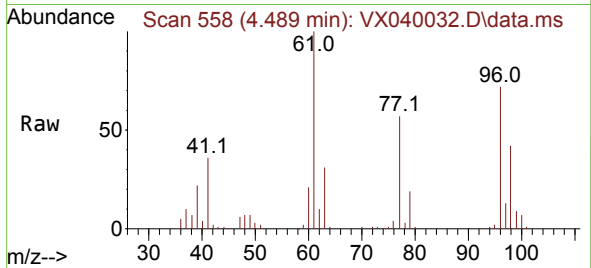
Tgt Ion: 96 Resp: 60250

Ion Ratio Lower Upper

96 100

61 145.8 0.0 312.2

98 63.5 0.0 129.0



#28

Bromochloromethane

Concen: 55.508 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

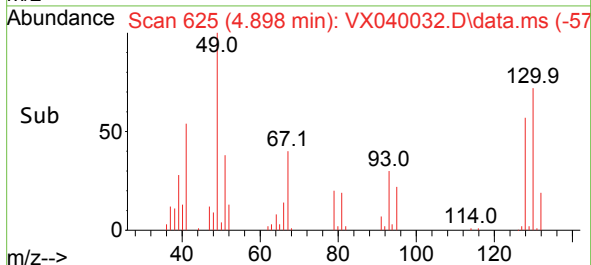
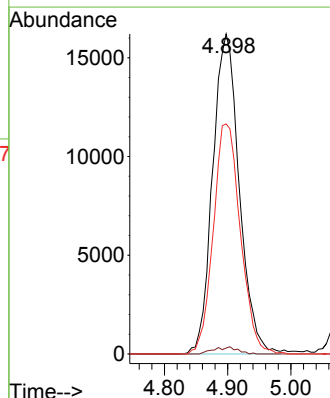
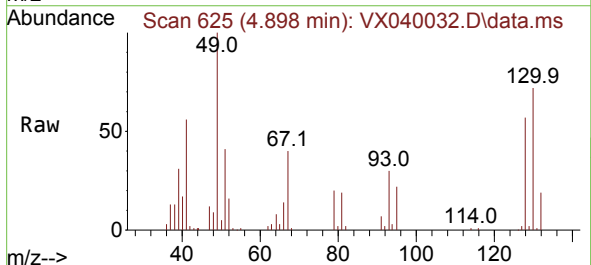
Tgt Ion: 49 Resp: 47262

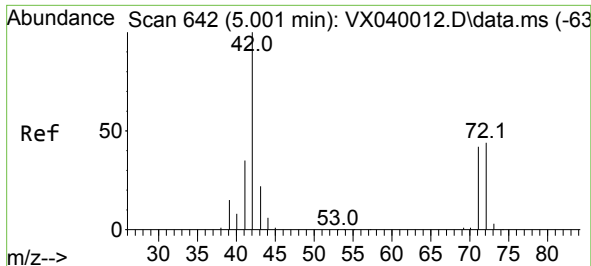
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 73.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 278.953 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

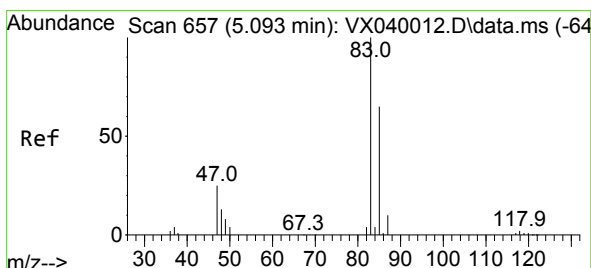
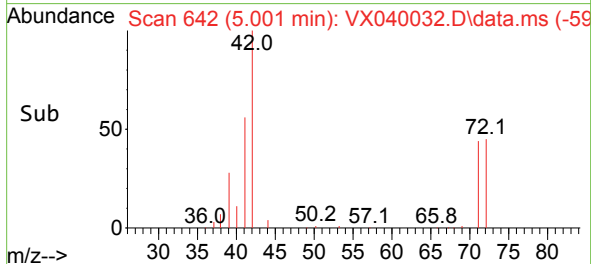
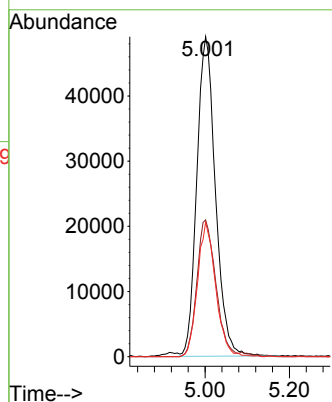
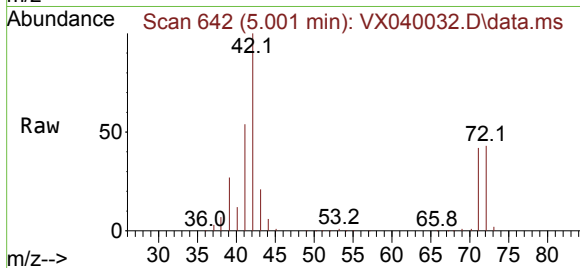
Tgt Ion: 42 Resp: 150937

Ion Ratio Lower Upper

42 100

72 43.5 34.2 51.4

71 41.0 32.2 48.2



#30

Chloroform

Concen: 52.892 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX040032.D

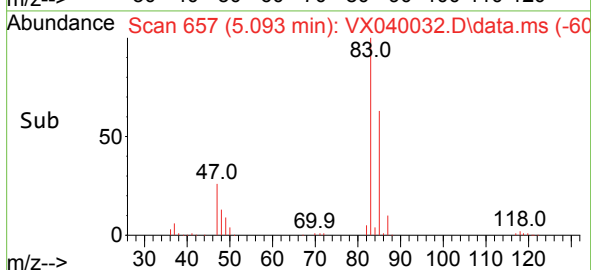
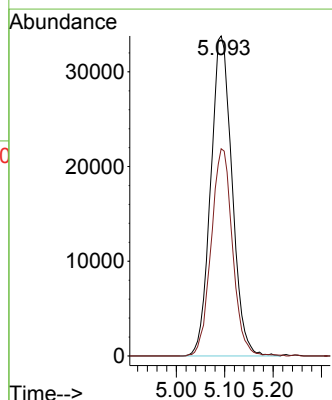
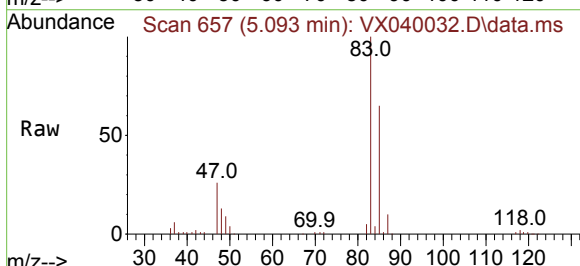
Acq: 30 Jan 2024 20:15

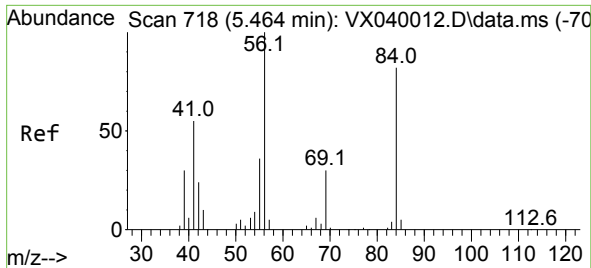
Tgt Ion: 83 Resp: 103705

Ion Ratio Lower Upper

83 100

85 64.8 50.3 75.5

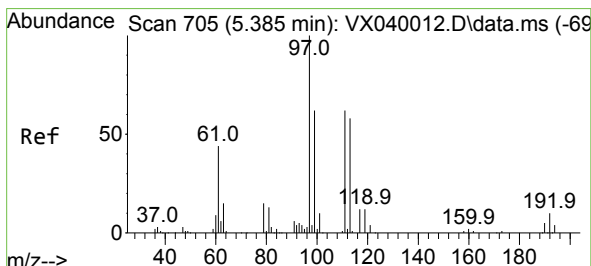
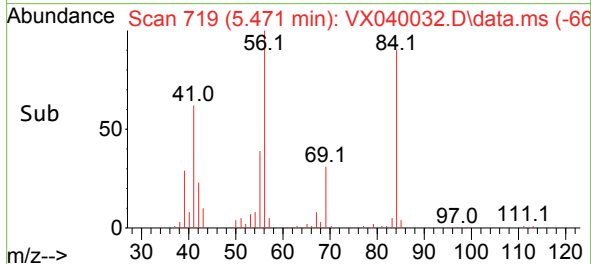
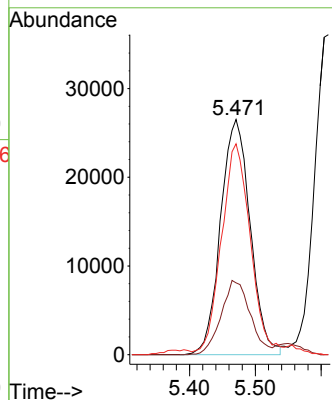
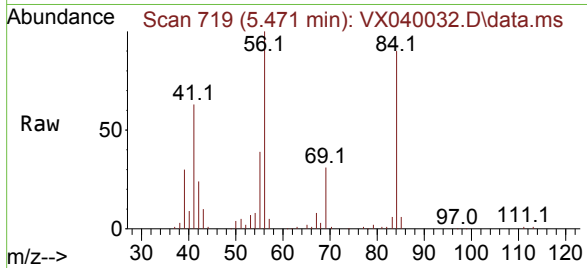




#31  
Cyclohexane  
Concen: 50.793 ug/l  
RT: 5.471 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

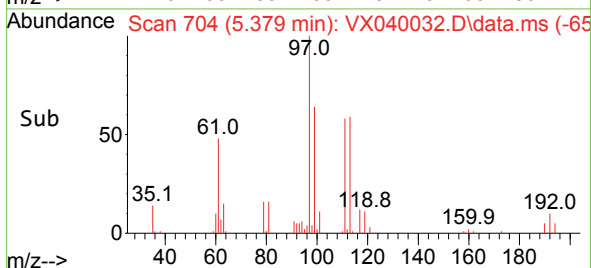
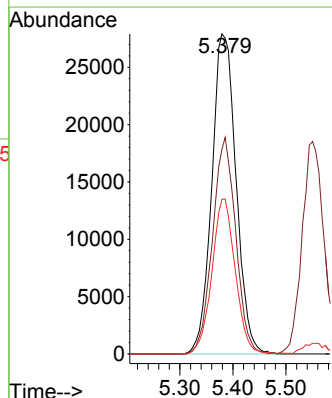
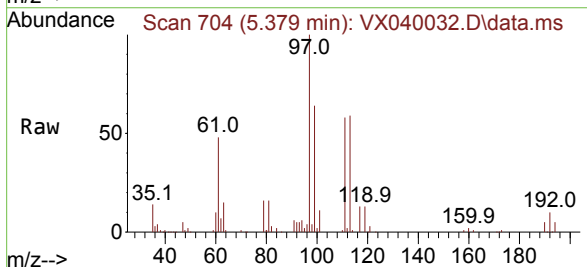
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

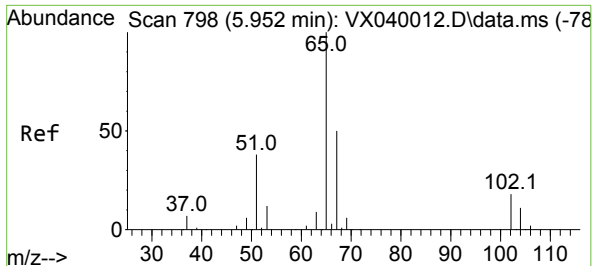
Tgt Ion: 56 Resp: 83128  
Ion Ratio Lower Upper  
56 100  
69 30.6 23.4 35.2  
84 88.0 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 52.785 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 97 Resp: 88820  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.1 76.7  
61 46.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.373 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

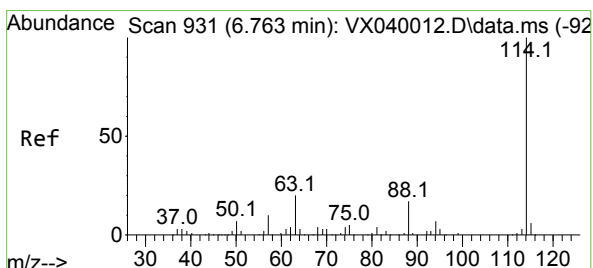
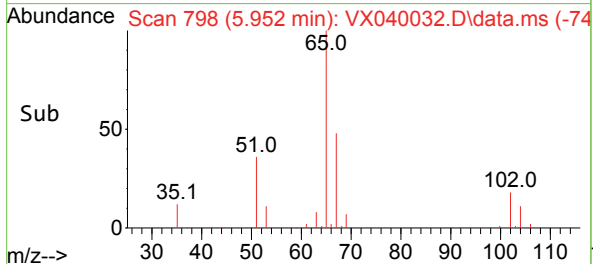
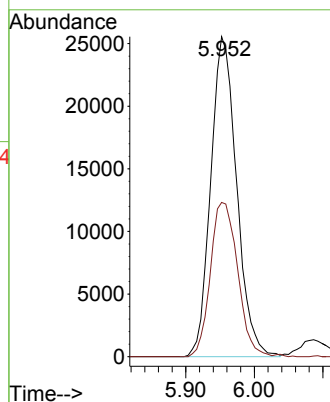
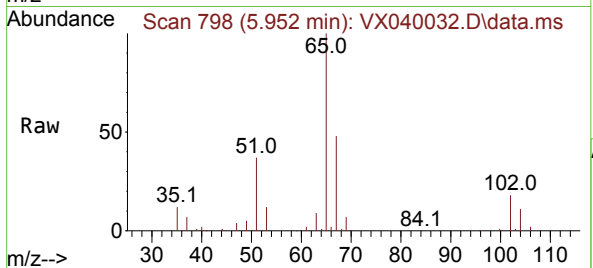
VSTDCCC050EC

Tgt Ion: 65 Resp: 67121

Ion Ratio Lower Upper

65 100

67 50.5 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: VX040032.D

Acq: 30 Jan 2024 20:15

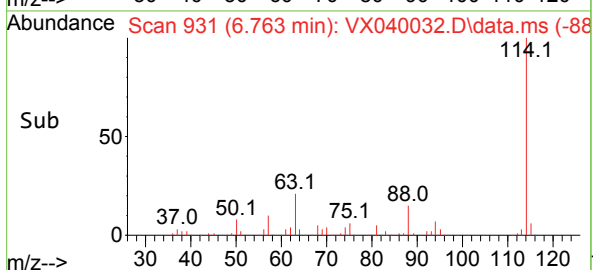
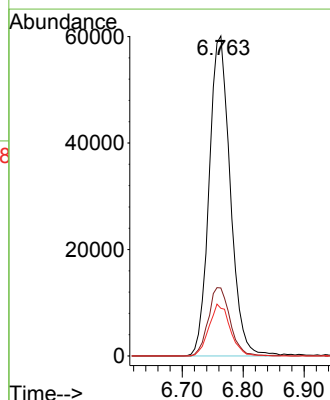
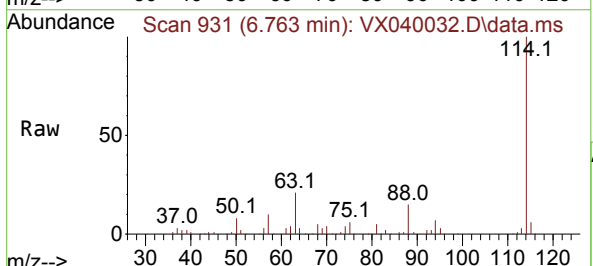
Tgt Ion: 114 Resp: 144515

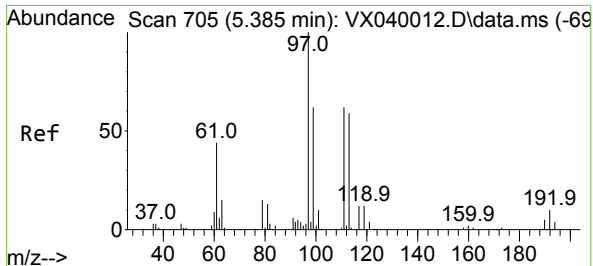
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

88 14.9 0.0 36.6

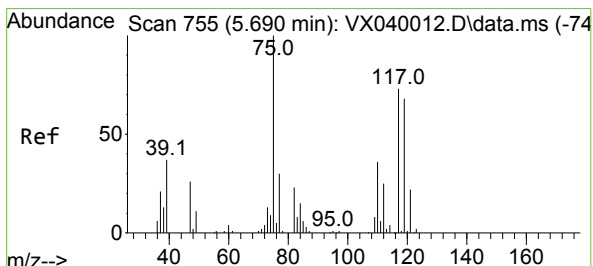
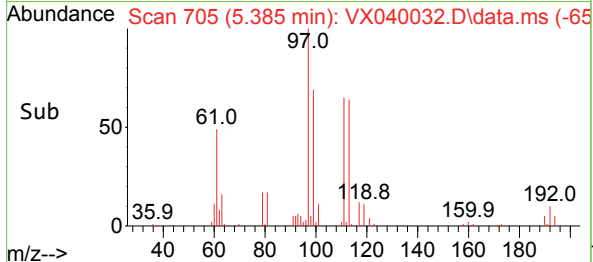
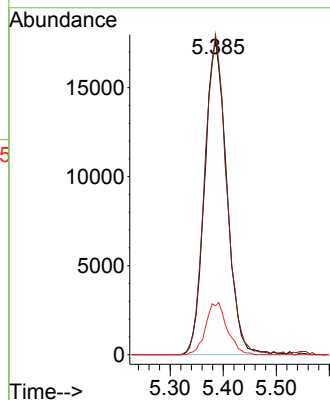
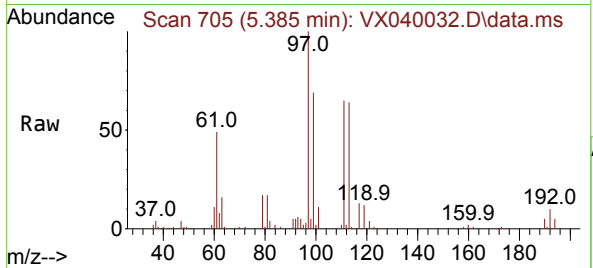




#35  
Dibromofluoromethane  
Concen: 52.006 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

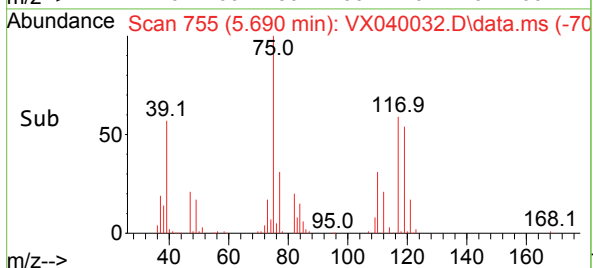
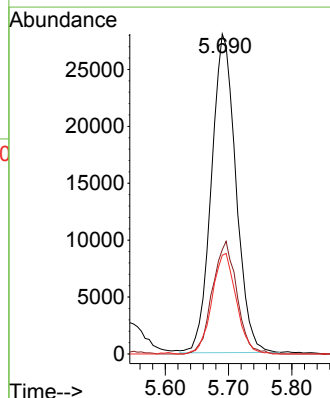
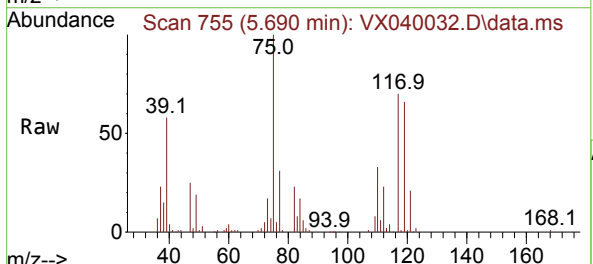
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

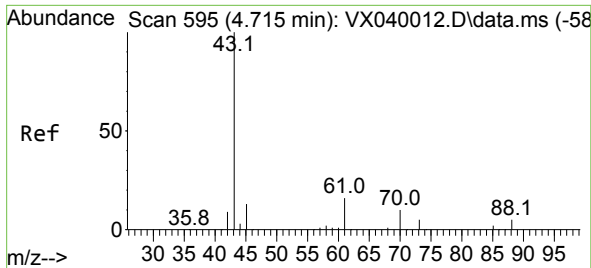
Tgt Ion:113 Resp: 51162  
Ion Ratio Lower Upper  
113 100  
111 101.0 82.9 124.3  
192 16.1 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 52.945 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 75 Resp: 75328  
Ion Ratio Lower Upper  
75 100  
110 35.1 17.0 50.9  
77 31.3 24.7 37.1

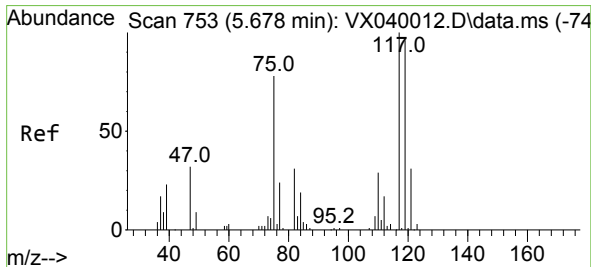
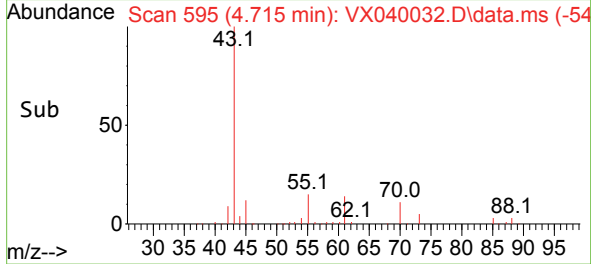
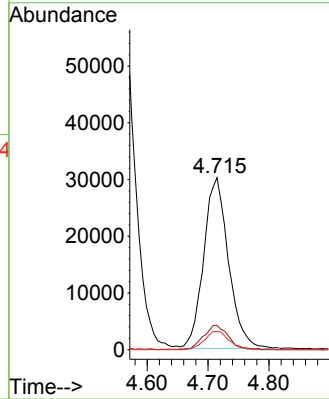
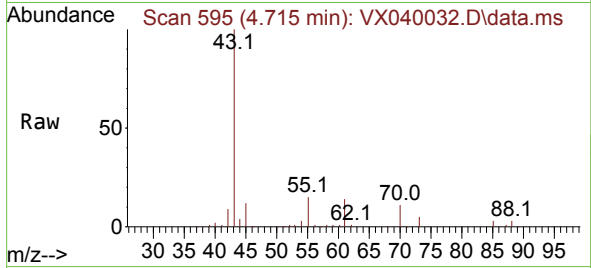




#37  
Ethyl Acetate  
Concen: 54.915 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

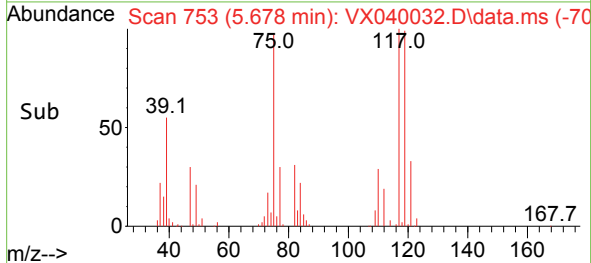
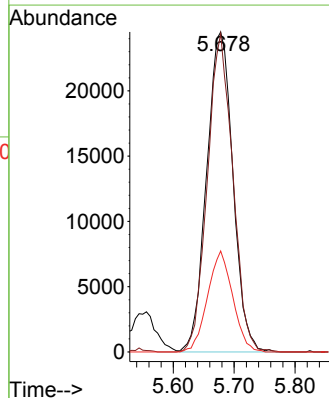
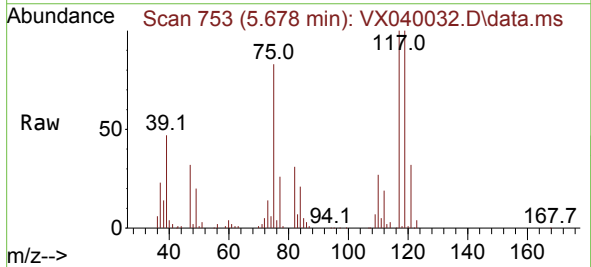
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

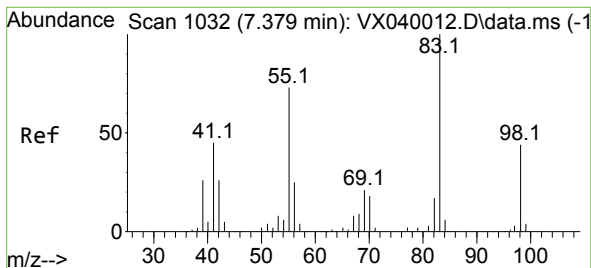
|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 85328    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 14.3 10.6 16.0 |
| 70          | 10.5 8.3 12.5  |



#38  
Carbon Tetrachloride  
Concen: 54.002 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 73515     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 99.5 78.2 117.2 |
| 121          | 31.5 24.4 36.6  |





#39

Methylcyclohexane

Concen: 52.027 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

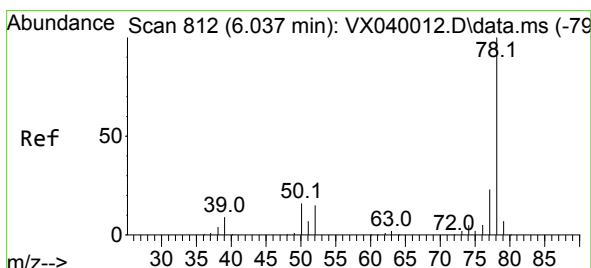
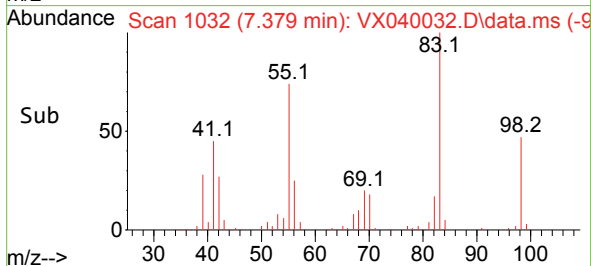
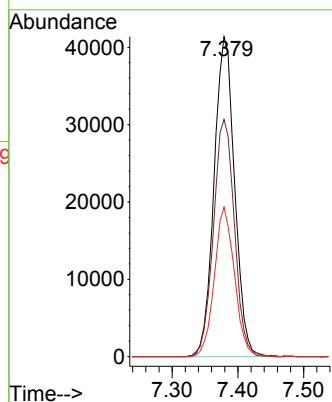
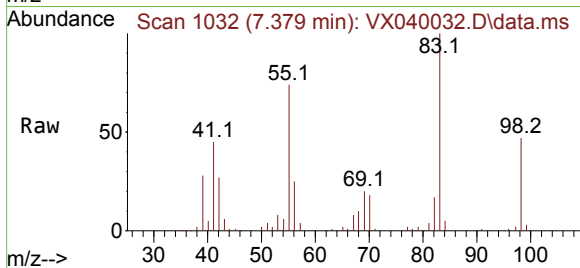
Tgt Ion: 83 Resp: 90062

Ion Ratio Lower Upper

83 100

55 74.1 64.6 97.0

98 46.7 36.7 55.1



#40

Benzene

Concen: 52.640 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX040032.D

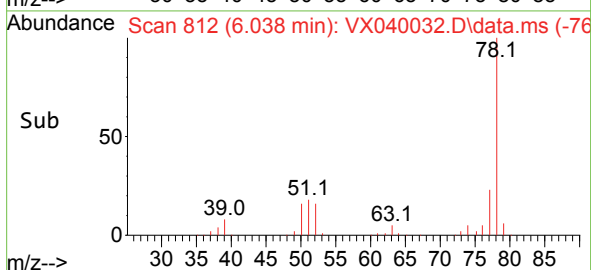
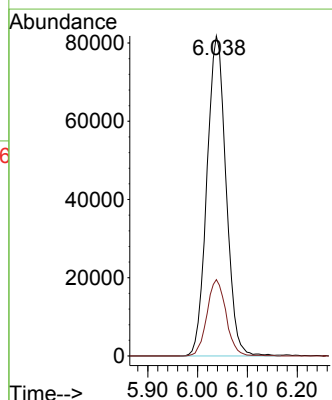
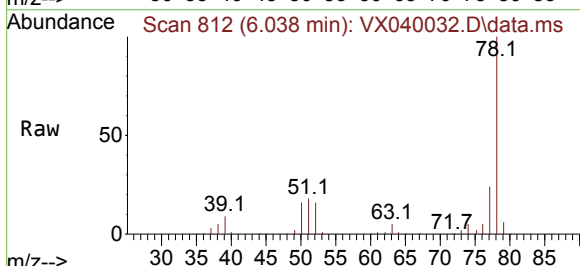
Acq: 30 Jan 2024 20:15

Tgt Ion: 78 Resp: 218136

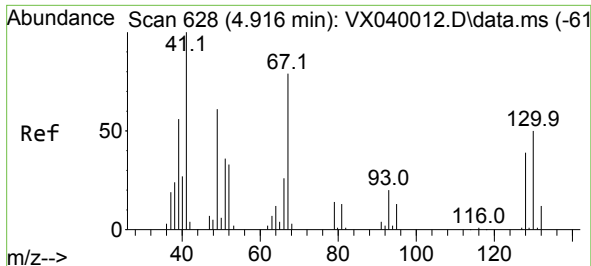
Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9



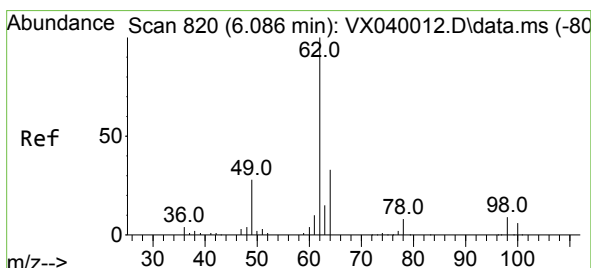
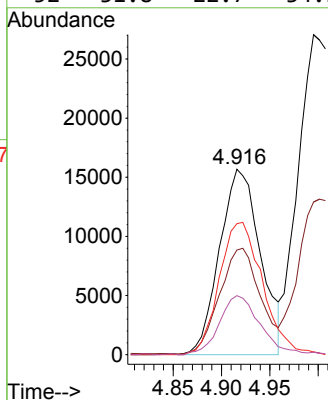
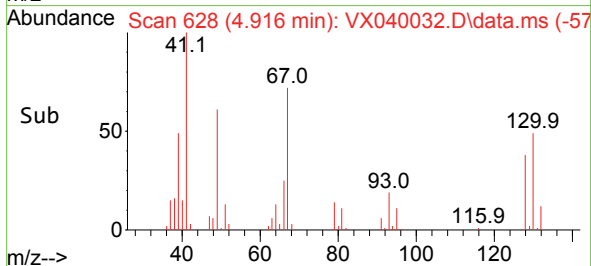
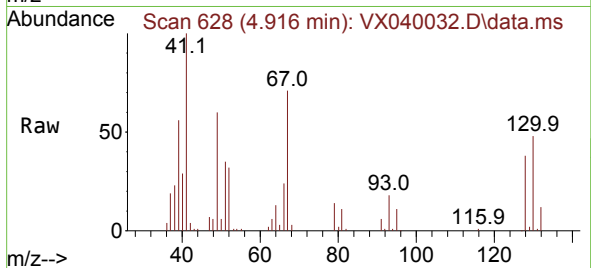




#41  
Methacrylonitrile  
Concen: 58.529 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

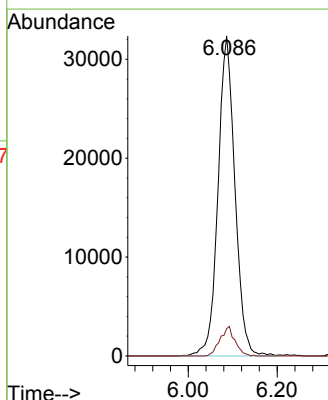
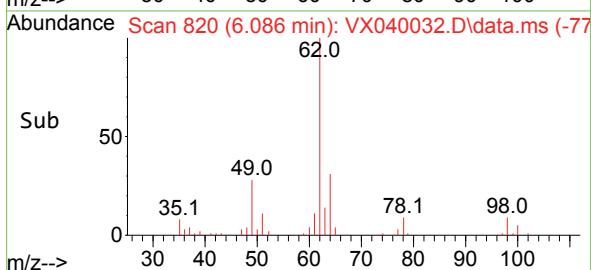
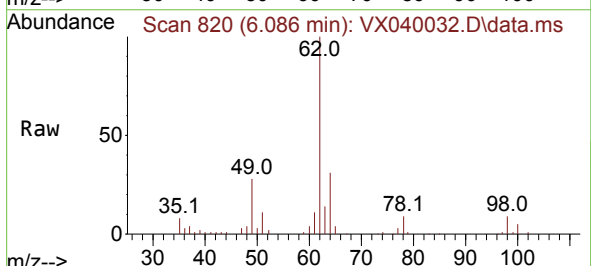
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

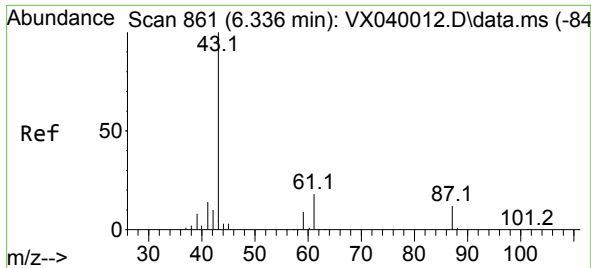
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 46121 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.9  | 45.2  | 67.8  |
| 67       | 75.3  | 52.6  | 78.8  |
| 52       | 31.8  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 53.468 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 85292 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.1   | 0.0   | 16.0  |

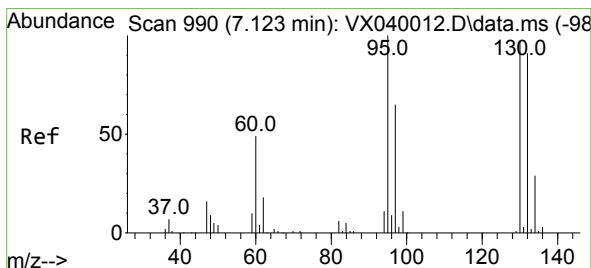
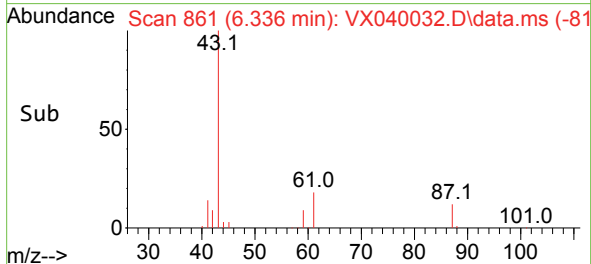
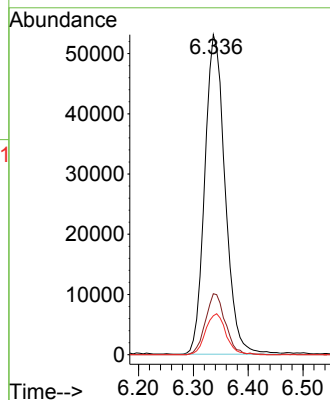
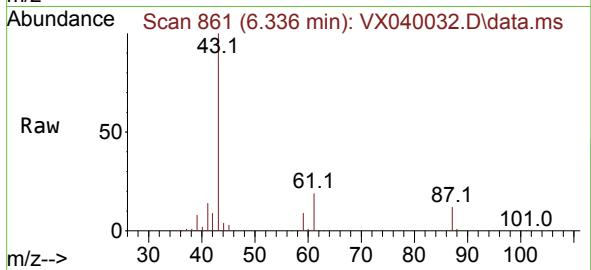




#43  
Isopropyl Acetate  
Concen: 55.771 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

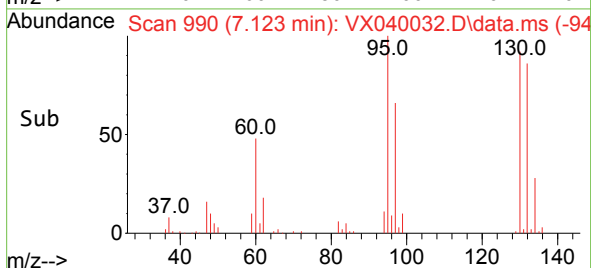
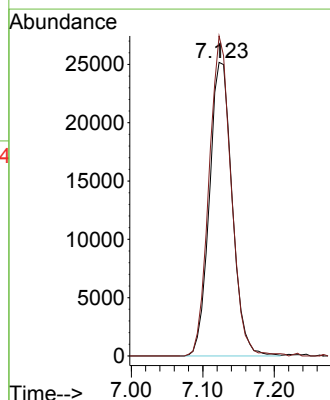
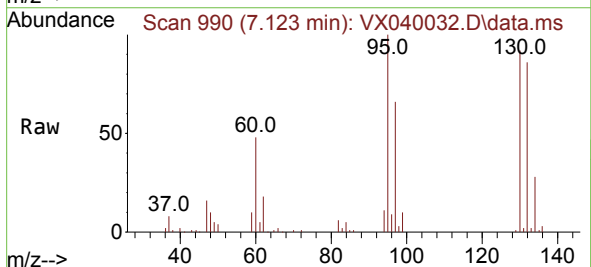
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

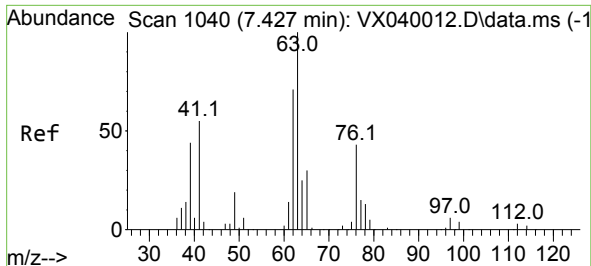
Tgt Ion: 43 Resp: 136657  
Ion Ratio Lower Upper  
43 100  
61 18.7 15.2 22.8  
87 12.8 9.8 14.6



#44  
Trichloroethene  
Concen: 51.062 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion:130 Resp: 55683  
Ion Ratio Lower Upper  
130 100  
95 109.0 0.0 204.4

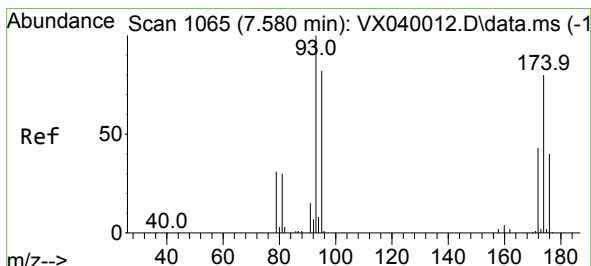
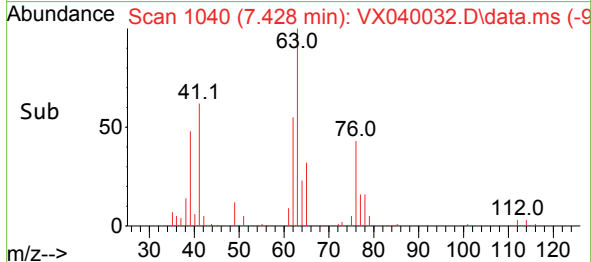
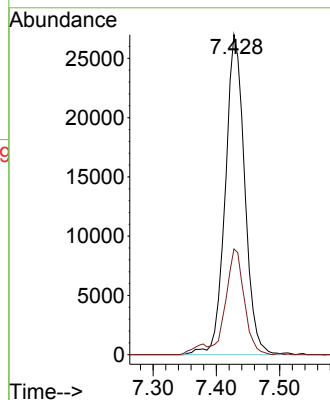
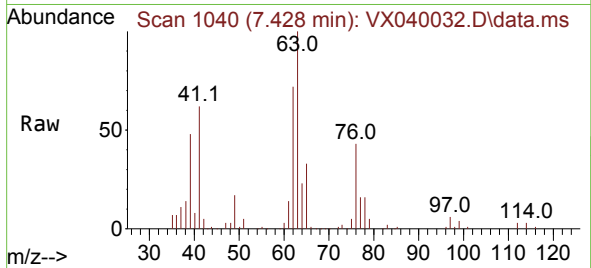




#45  
1,2-Dichloropropane  
Concen: 52.537 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

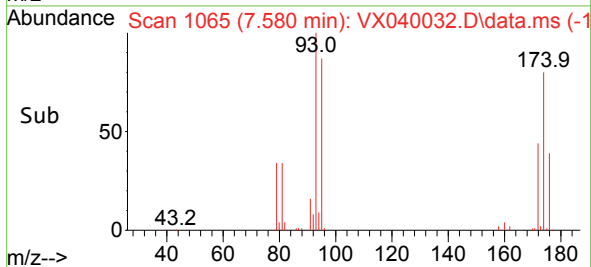
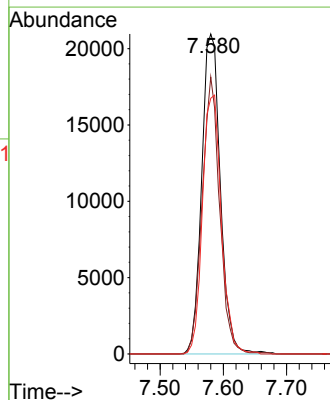
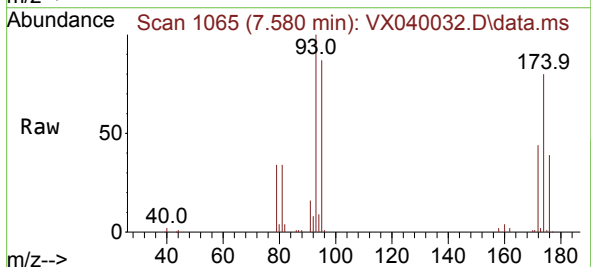
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

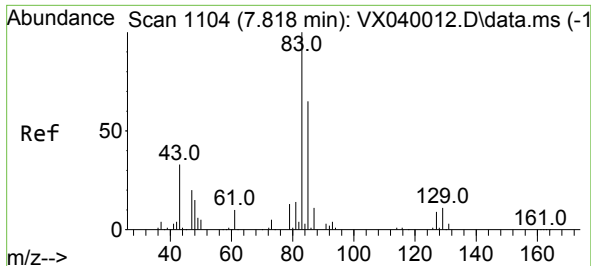
Tgt Ion: 63 Resp: 57482  
Ion Ratio Lower Upper  
63 100  
65 33.0 24.3 36.5



#46  
Dibromomethane  
Concen: 52.543 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 93 Resp: 43150  
Ion Ratio Lower Upper  
93 100  
95 81.2 66.6 100.0  
174 81.8 69.4 104.0

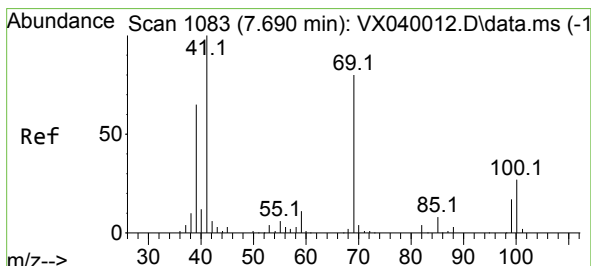
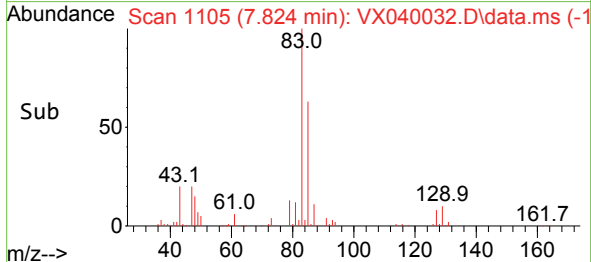
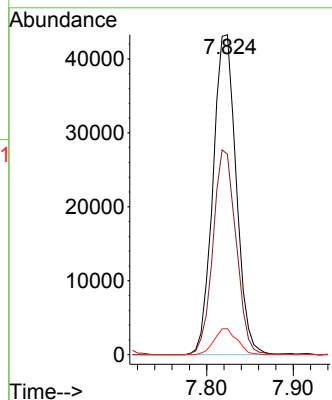
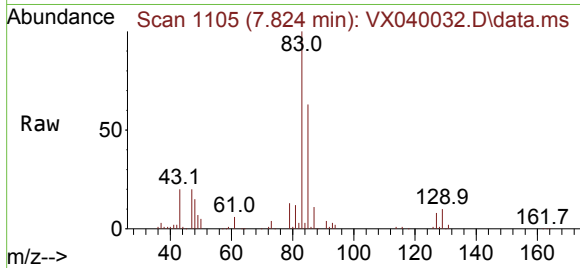




#47  
Bromodichloromethane  
Concen: 55.142 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

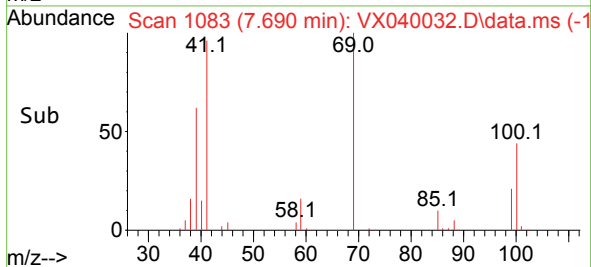
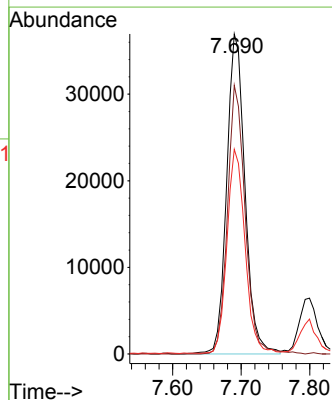
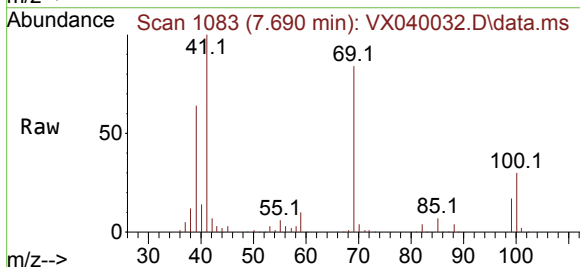
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

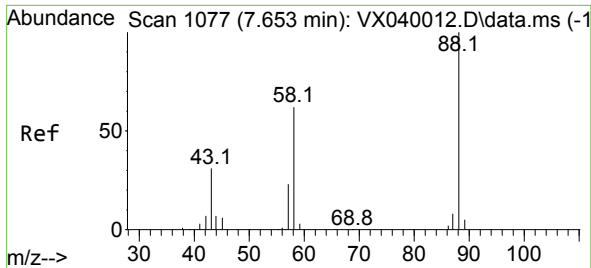
Tgt Ion: 83 Resp: 80653  
Ion Ratio Lower Upper  
83 100  
85 62.7 49.8 74.6  
127 8.1 7.1 10.7



#48  
Methyl methacrylate  
Concen: 56.672 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 41 Resp: 68406  
Ion Ratio Lower Upper  
41 100  
69 81.3 59.2 88.8  
39 62.8 47.7 71.5

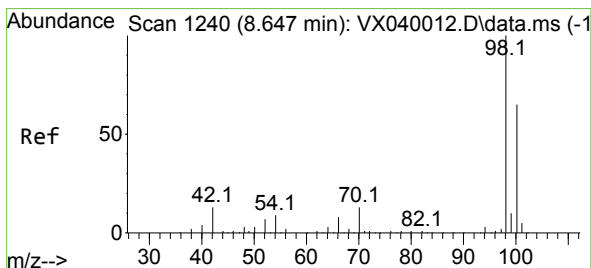
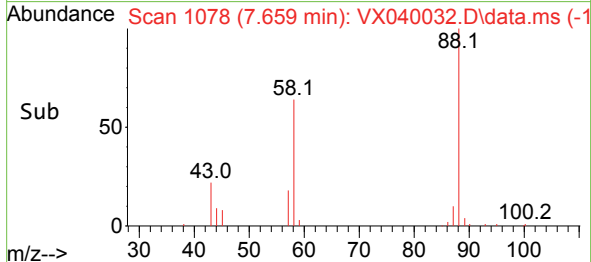
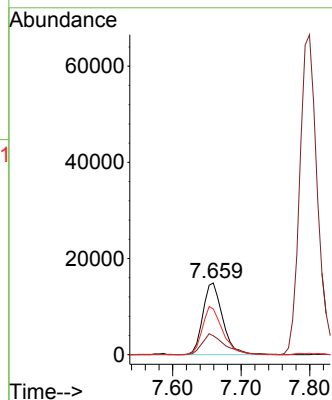
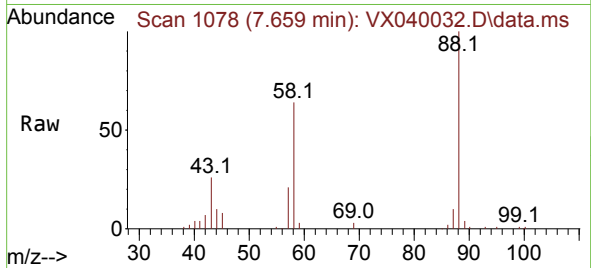




#49  
1,4-Dioxane  
Concen: 1139.048 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. 0.006 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

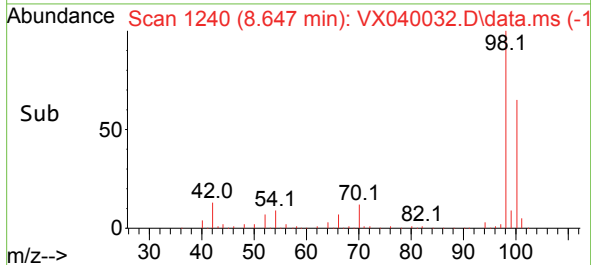
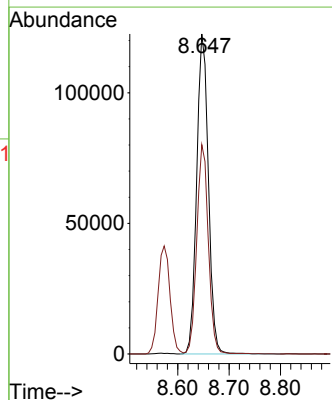
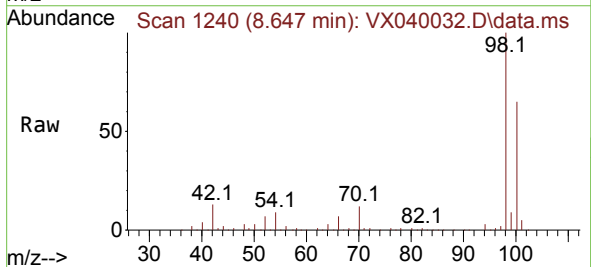
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

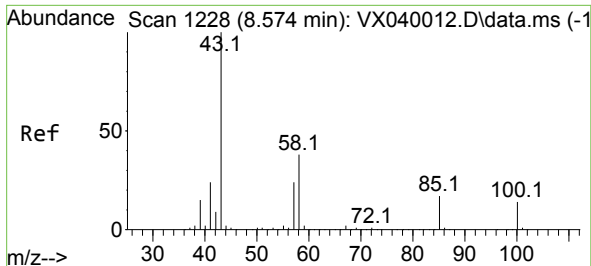
Tgt Ion: 88 Resp: 29877  
Ion Ratio Lower Upper  
88 100  
43 34.1 0.0 0.0#  
58 68.3 60.1 90.1



#50  
Toluene-d8  
Concen: 52.768 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 98 Resp: 194134  
Ion Ratio Lower Upper  
98 100  
100 64.2 53.1 79.7

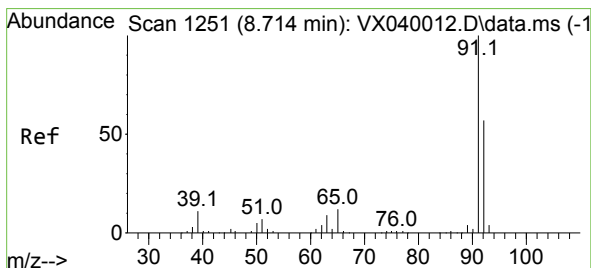
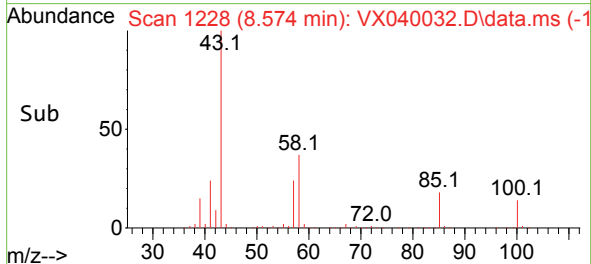
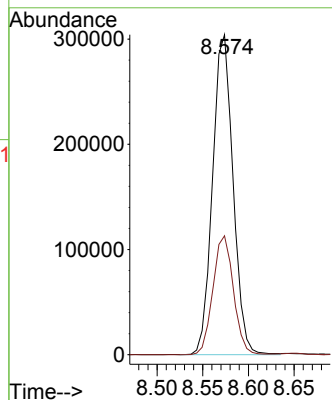
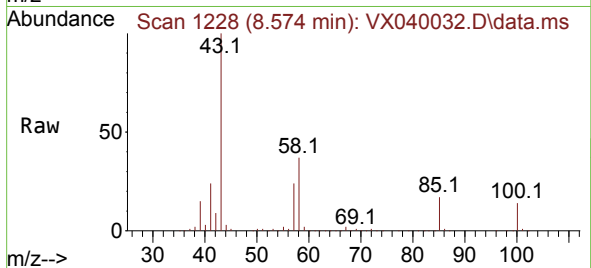




#51  
4-Methyl-2-Pentanone  
Concen: 282.852 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

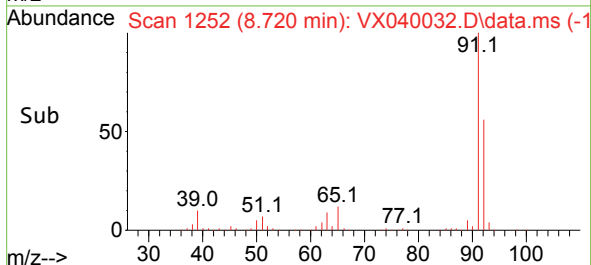
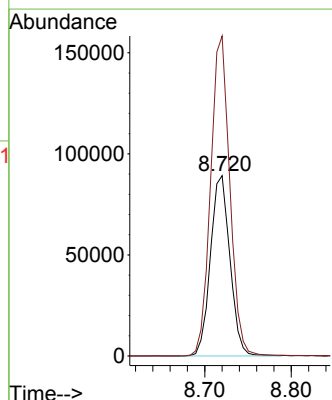
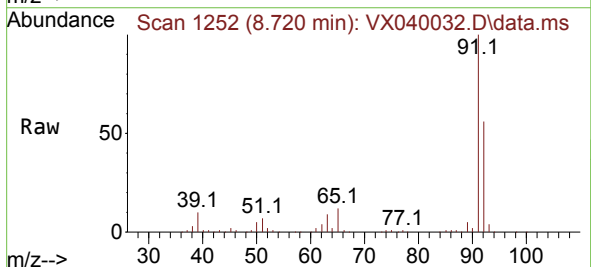
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

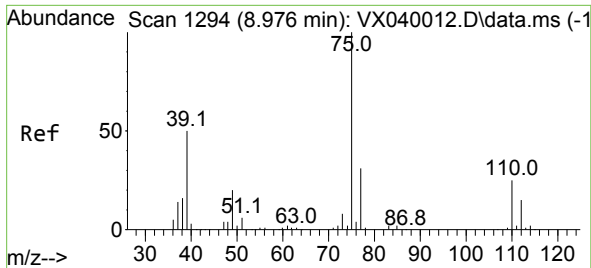
Tgt Ion: 43 Resp: 473119  
Ion Ratio Lower Upper  
43 100  
58 37.3 30.4 45.6



#52  
Toluene  
Concen: 53.971 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 92 Resp: 139399  
Ion Ratio Lower Upper  
92 100  
91 175.3 134.2 201.2

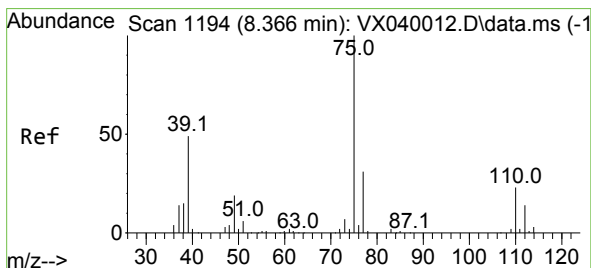
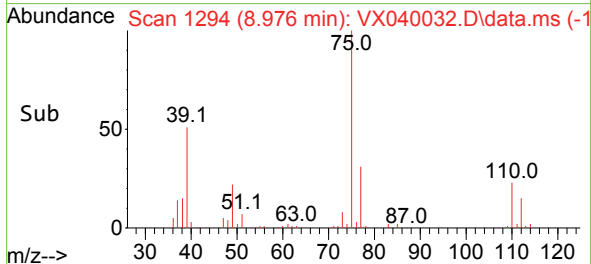
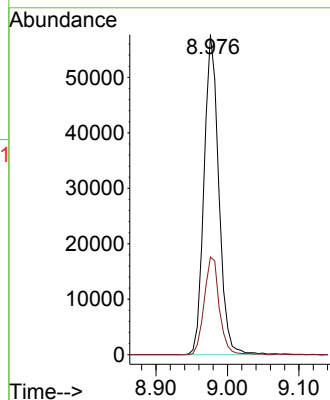
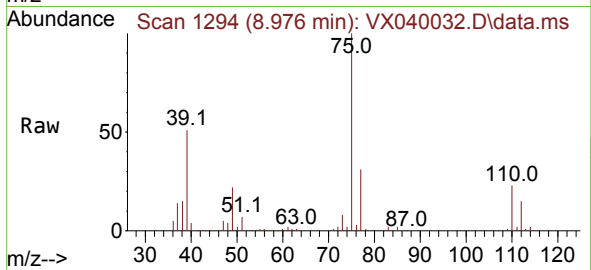




#53  
 t-1,3-Dichloropropene  
 Concen: 54.607 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. 0.000 min  
 Lab File: VX040032.D  
 Acq: 30 Jan 2024 20:15

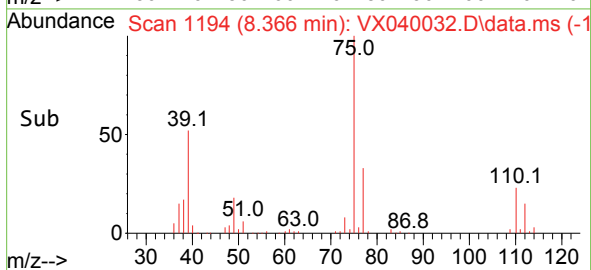
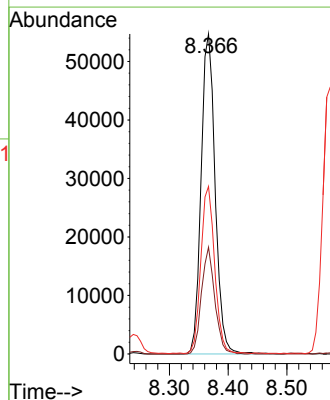
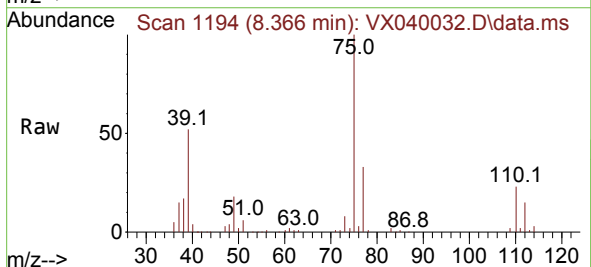
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

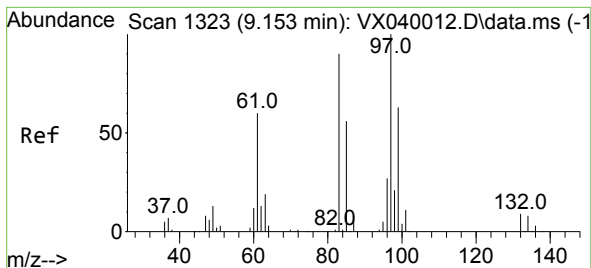
Tgt Ion: 75 Resp: 82839  
 Ion Ratio Lower Upper  
 75 100  
 77 30.5 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 56.014 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX040032.D  
 Acq: 30 Jan 2024 20:15

Tgt Ion: 75 Resp: 90670  
 Ion Ratio Lower Upper  
 75 100  
 77 33.4 25.3 37.9  
 39 52.2 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 54.356 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 58112

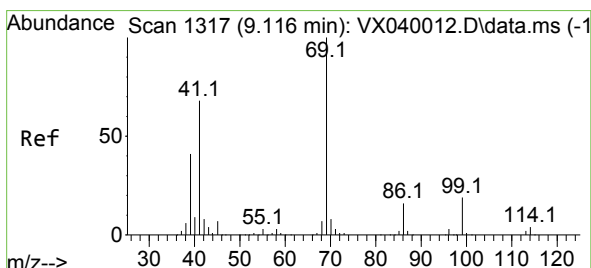
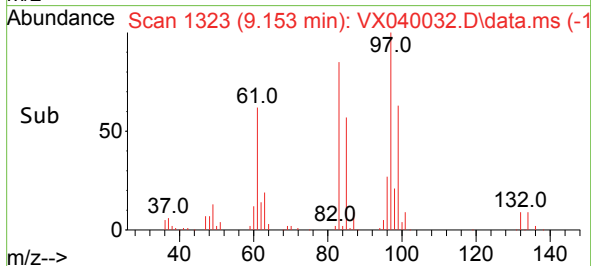
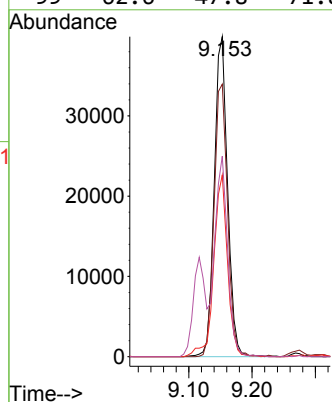
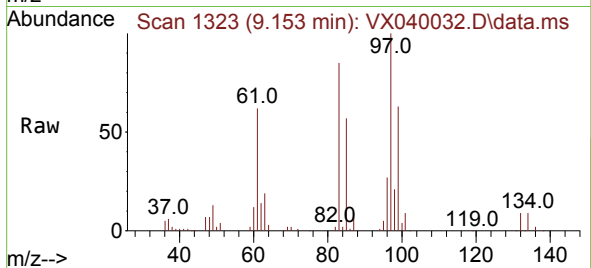
Ion Ratio Lower Upper

97 100

83 85.2 65.8 98.8

85 56.7 41.6 62.4

99 62.6 47.8 71.8



#56

Ethyl methacrylate

Concen: 57.410 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

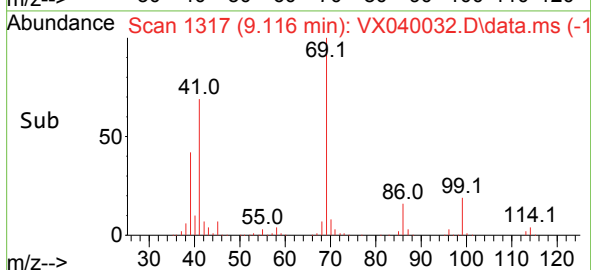
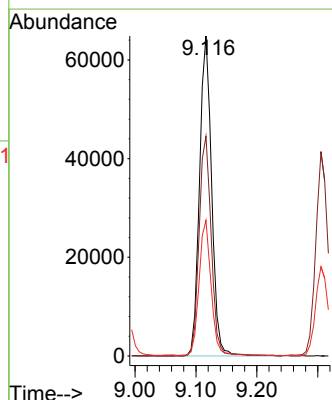
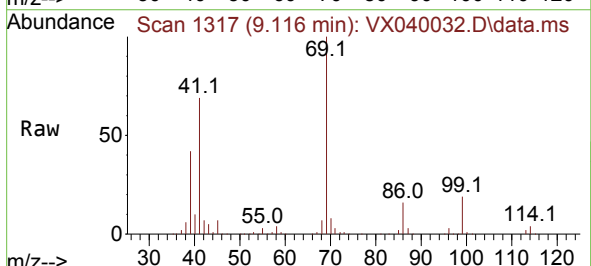
Tgt Ion: 69 Resp: 89628

Ion Ratio Lower Upper

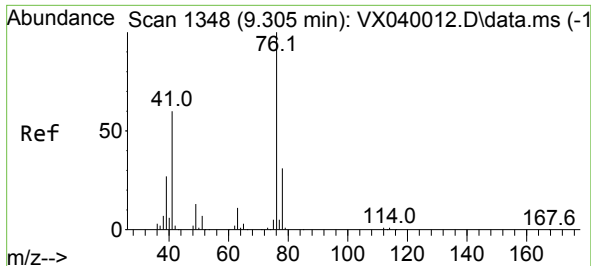
69 100

41 68.9 56.8 85.2

39 42.2 32.0 48.0







#57

1,3-Dichloropropane

Concen: 54.879 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

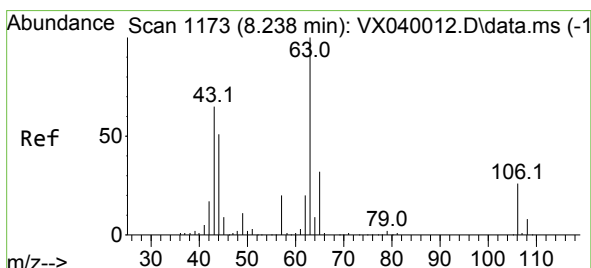
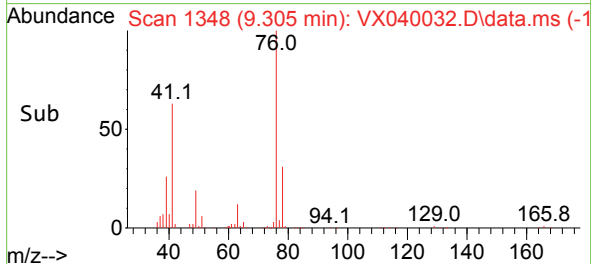
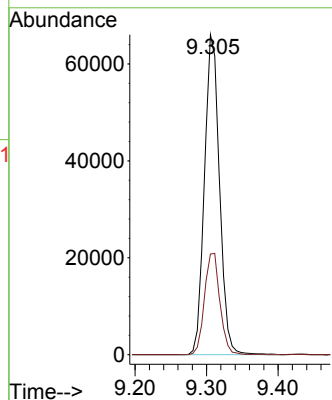
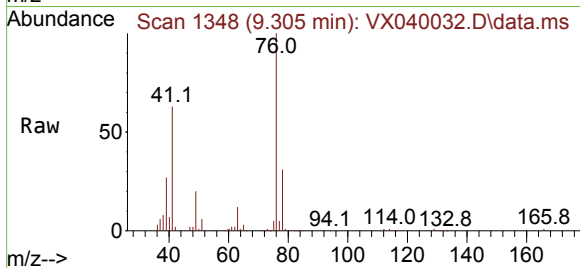
VSTDCCC050EC

Tgt Ion: 76 Resp: 96642

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 299.168 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040032.D

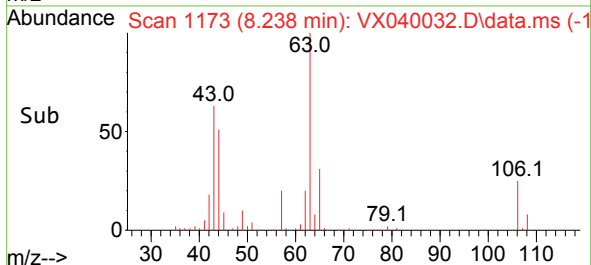
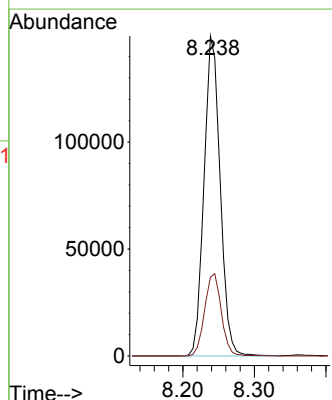
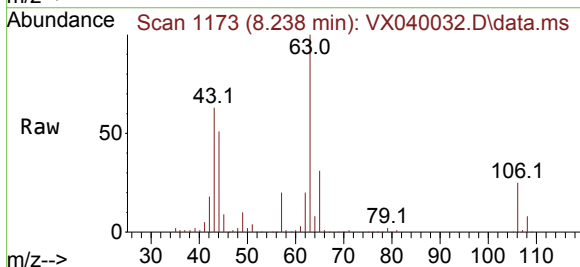
Acq: 30 Jan 2024 20:15

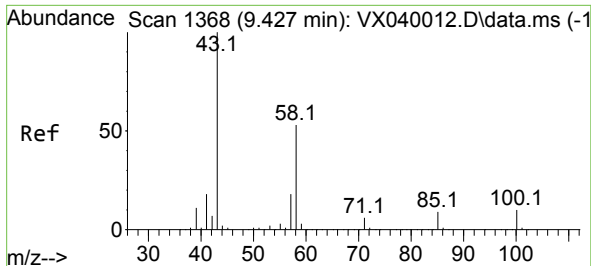
Tgt Ion: 63 Resp: 234866

Ion Ratio Lower Upper

63 100

106 26.5 22.5 33.7





#59

2-Hexanone

Concen: 279.298 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

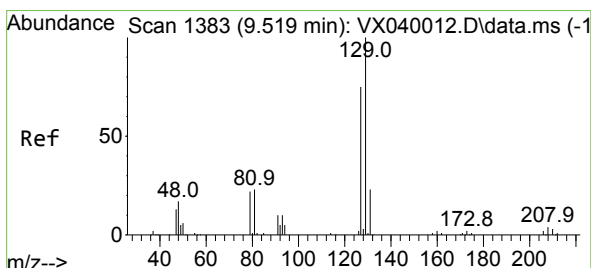
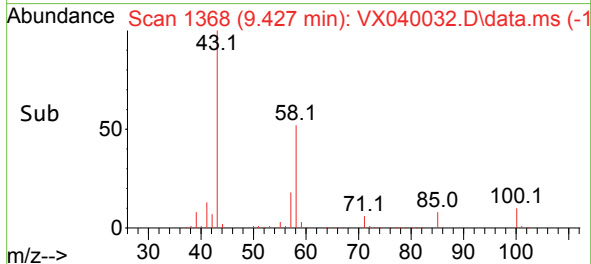
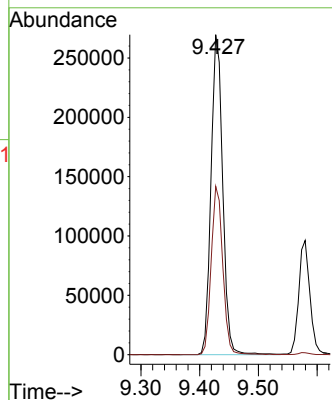
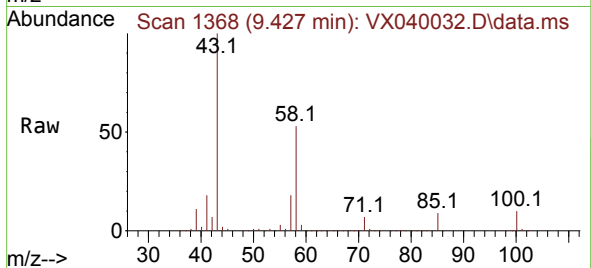
VSTDCCC050EC

Tgt Ion: 43 Resp: 372487

Ion Ratio Lower Upper

43 100

58 52.3 26.2 78.5



#60

Dibromochloromethane

Concen: 55.430 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX040032.D

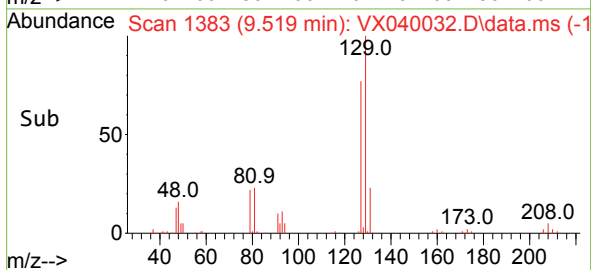
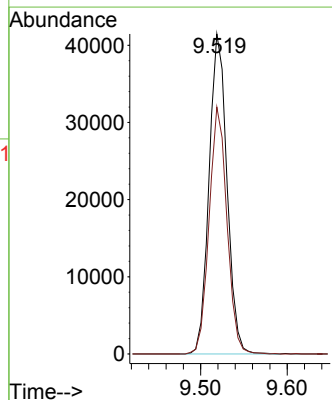
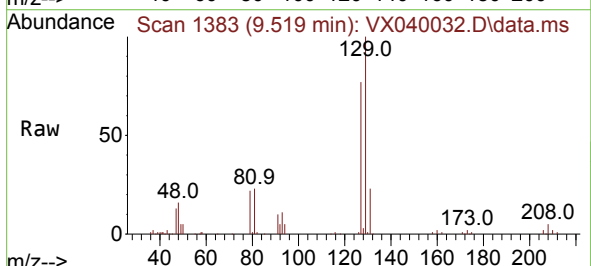
Acq: 30 Jan 2024 20:15

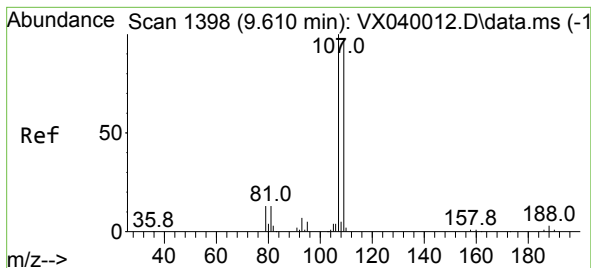
Tgt Ion:129 Resp: 59545

Ion Ratio Lower Upper

129 100

127 76.8 38.8 116.4





#61

1,2-Dibromoethane

Concen: 55.077 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

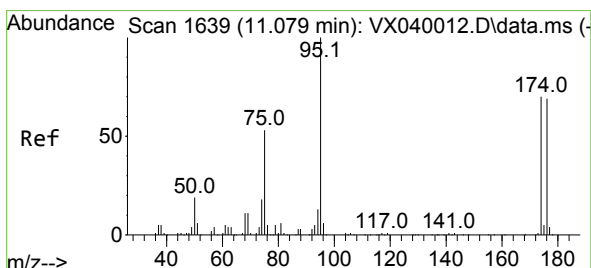
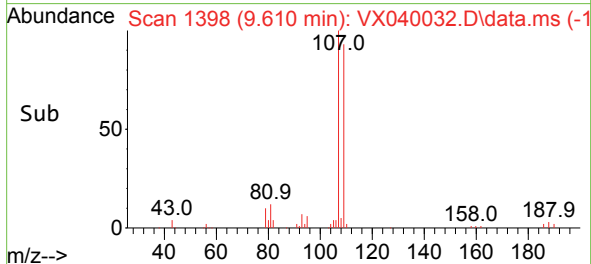
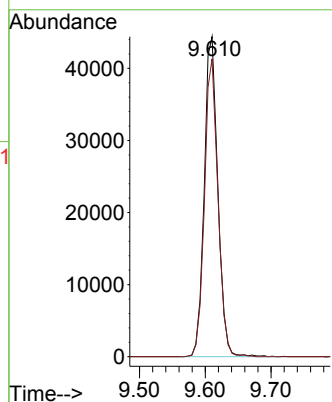
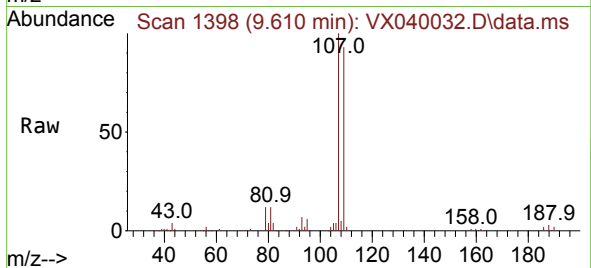
VSTDCCC050EC

Tgt Ion:107 Resp: 63660

Ion Ratio Lower Upper

107 100

109 92.5 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 54.326 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

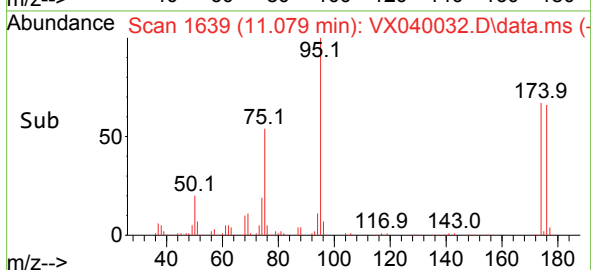
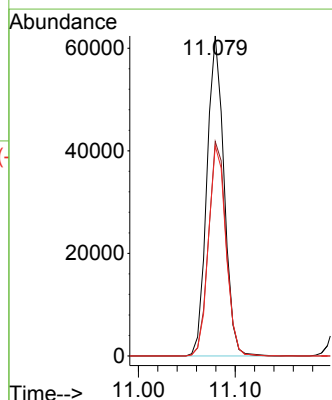
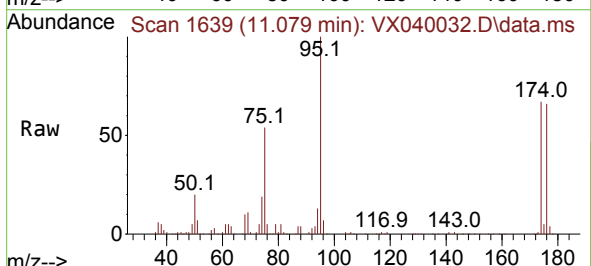
Tgt Ion: 95 Resp: 76958

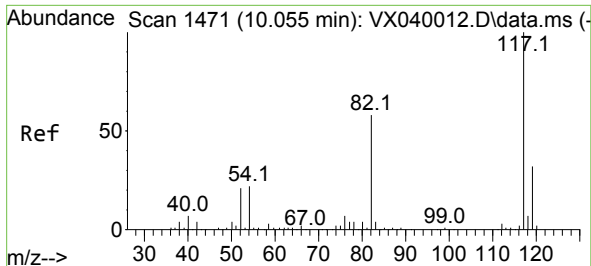
Ion Ratio Lower Upper

95 100

174 68.4 0.0 135.6

176 66.8 0.0 131.0

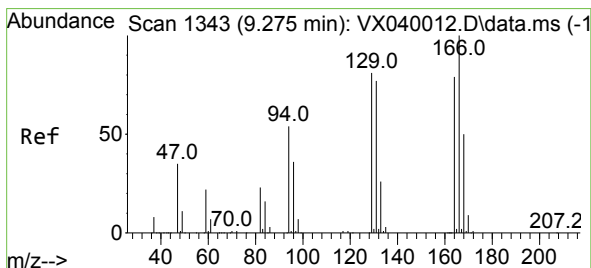
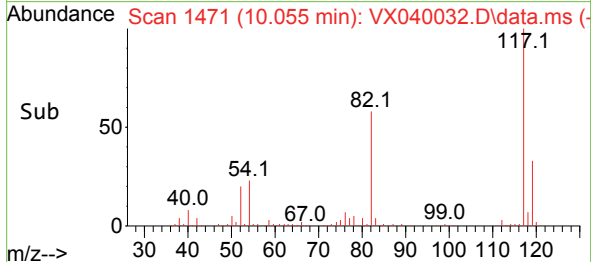
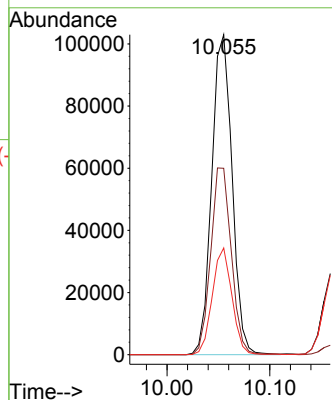
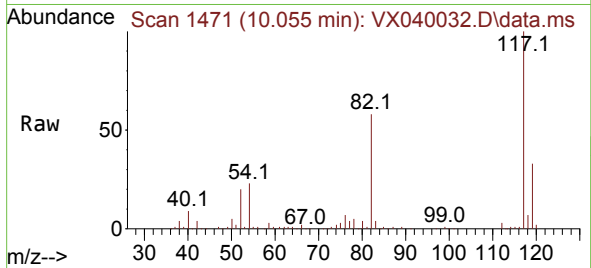




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

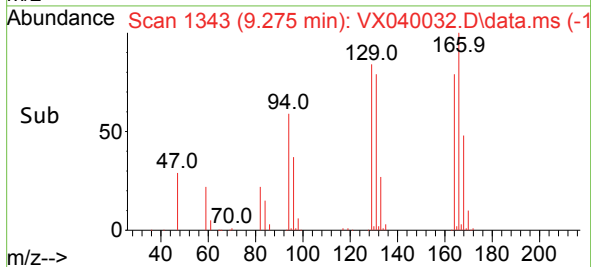
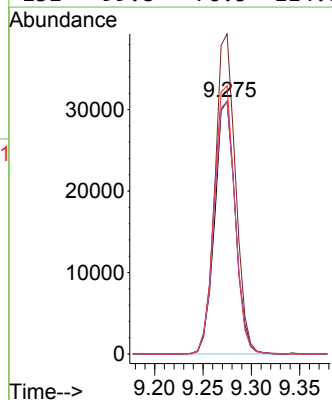
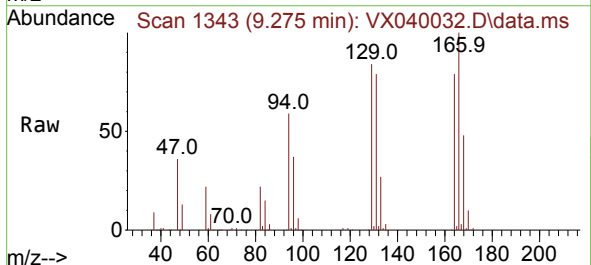
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

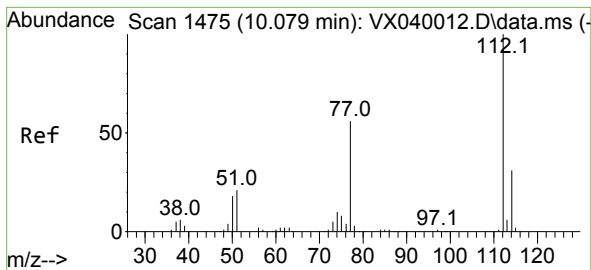
Tgt Ion:117 Resp: 141422  
Ion Ratio Lower Upper  
117 100  
82 58.2 46.2 69.4  
119 33.4 25.5 38.3



#64  
Tetrachloroethene  
Concen: 49.980 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion:164 Resp: 45991  
Ion Ratio Lower Upper  
164 100  
166 126.7 102.7 154.1  
129 106.1 80.4 120.6  
131 99.8 76.5 114.7

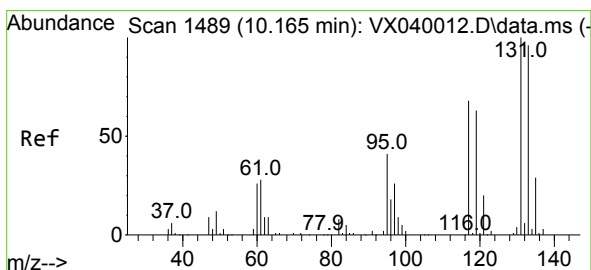
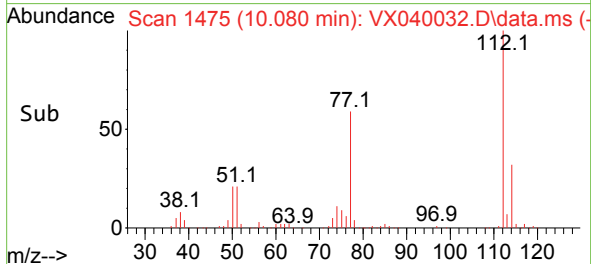
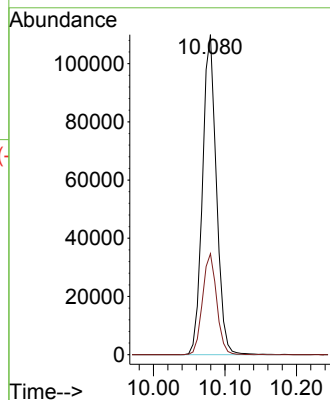
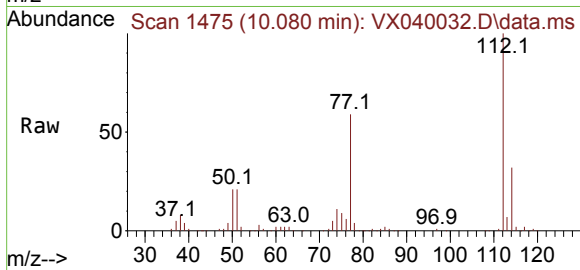




#65  
Chlorobenzene  
Concen: 50.762 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

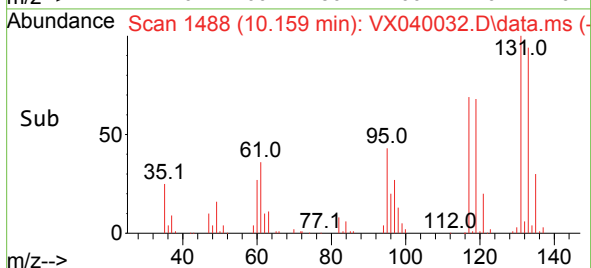
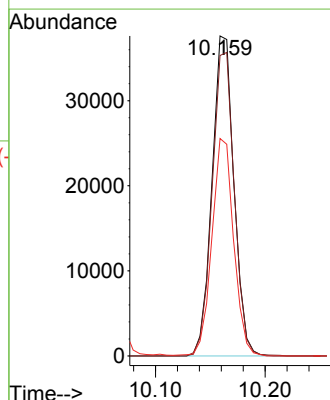
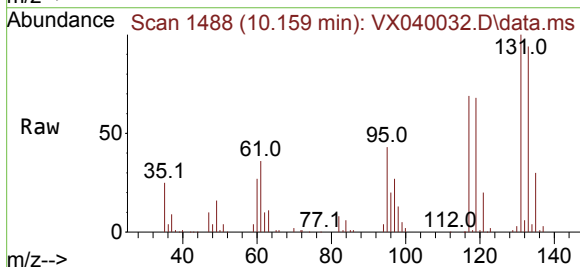
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

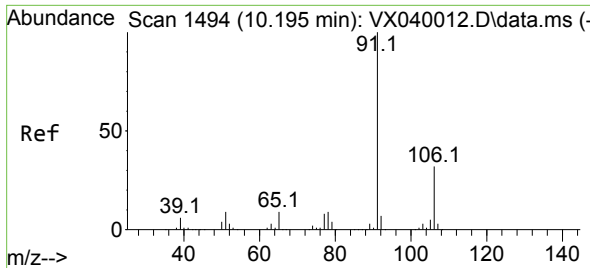
Tgt Ion:112 Resp: 148385  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.855 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion:131 Resp: 52178  
Ion Ratio Lower Upper  
131 100  
133 96.1 47.1 141.4  
119 67.6 32.2 96.6

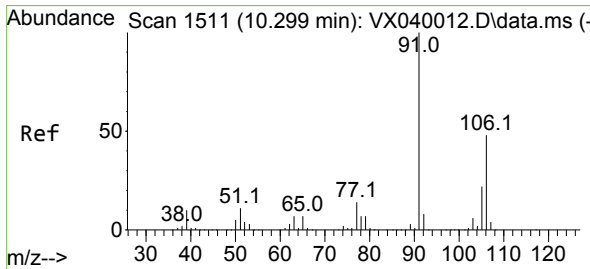
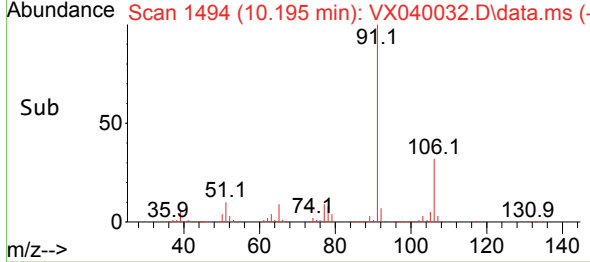
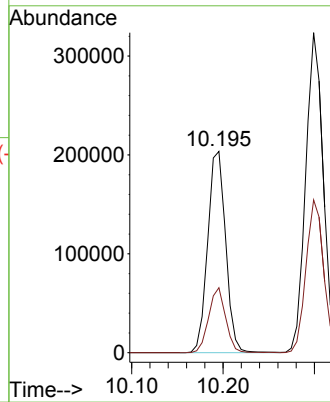
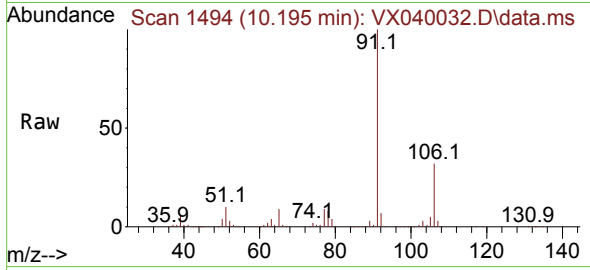




#67  
Ethyl Benzene  
Concen: 52.920 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

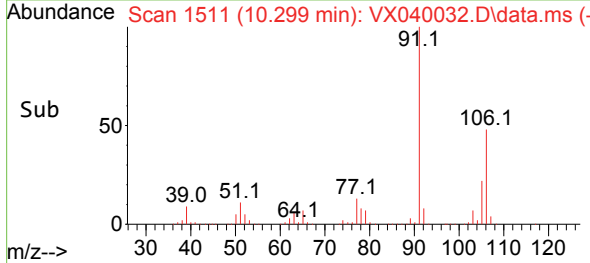
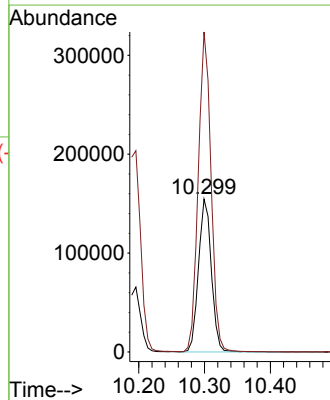
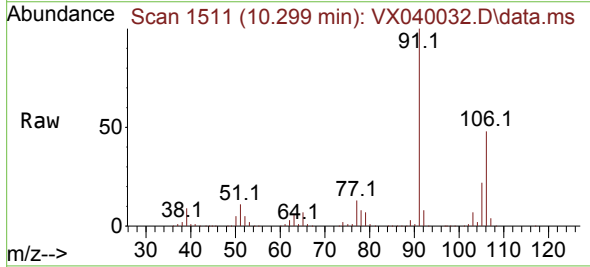
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

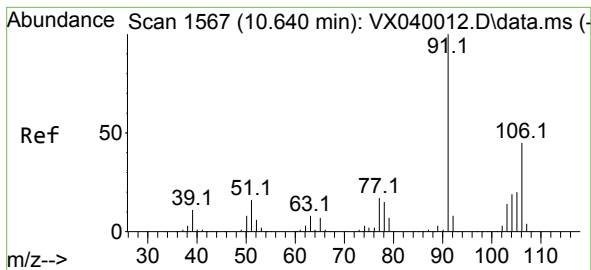
Tgt Ion: 91 Resp: 277552  
Ion Ratio Lower Upper  
91 100  
106 32.3 24.9 37.3



#68  
m/p-Xylenes  
Concen: 106.230 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 106 Resp: 209604  
Ion Ratio Lower Upper  
106 100  
91 207.8 165.5 248.3





#69

o-Xylene

Concen: 54.779 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

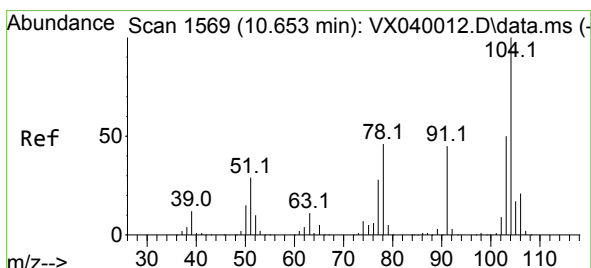
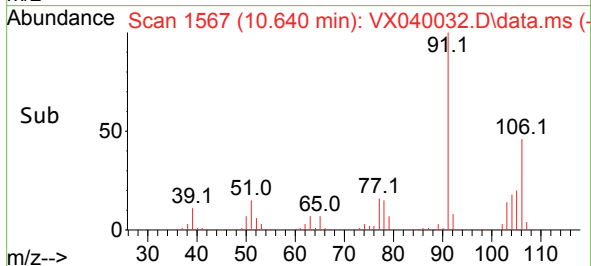
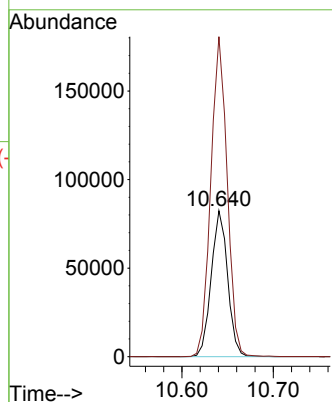
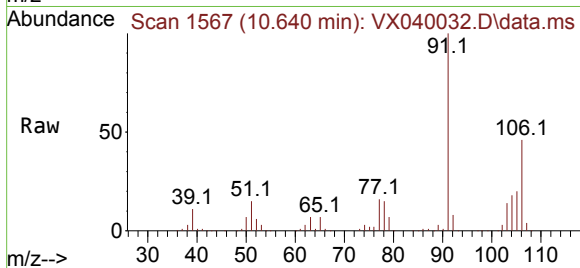
VSTDCCC050EC

Tgt Ion:106 Resp: 102526

Ion Ratio Lower Upper

106 100

91 219.0 108.9 326.8



#70

Styrene

Concen: 54.379 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

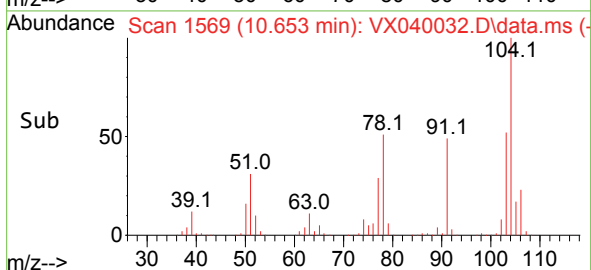
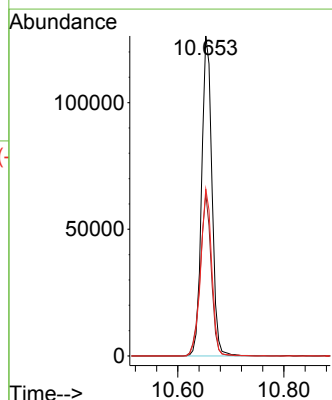
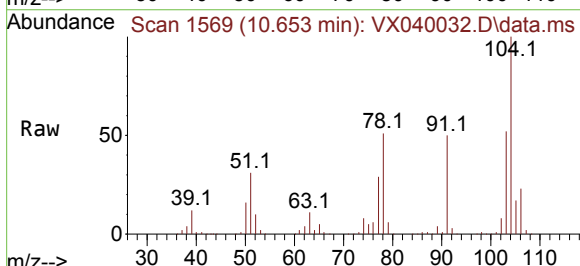
Tgt Ion:104 Resp: 171538

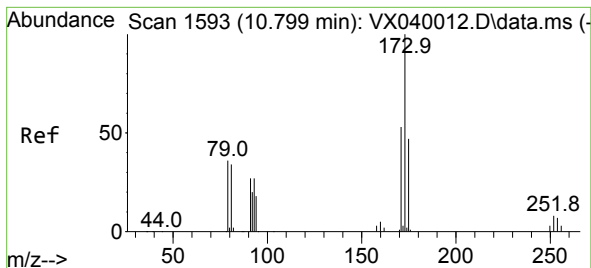
Ion Ratio Lower Upper

104 100

78 53.6 43.6 65.4

103 56.1 43.6 65.4





#71

Bromoform

Concen: 51.883 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

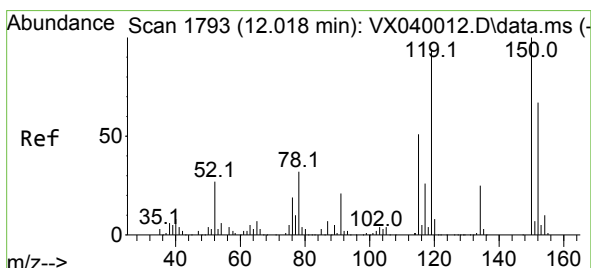
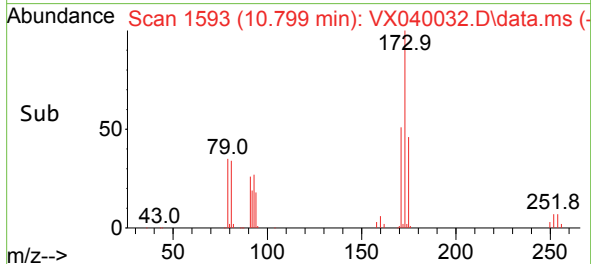
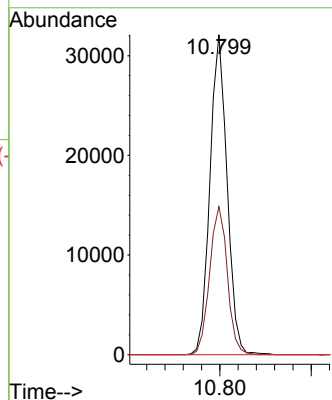
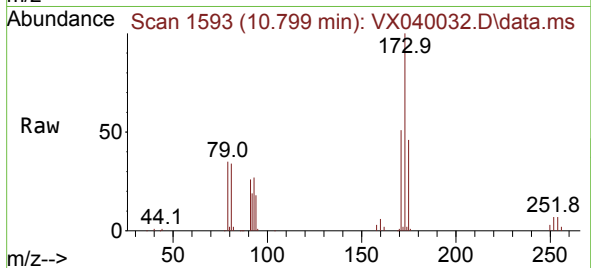
Tgt Ion:173 Resp: 41688

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

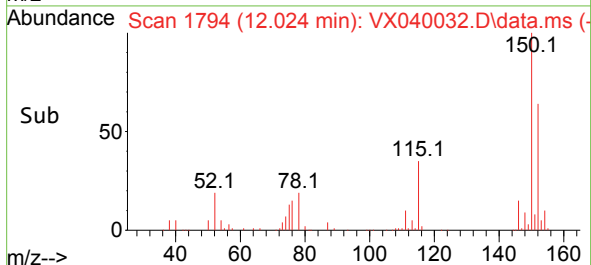
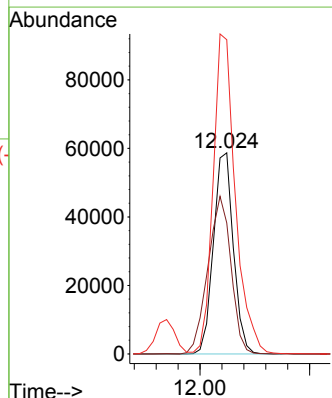
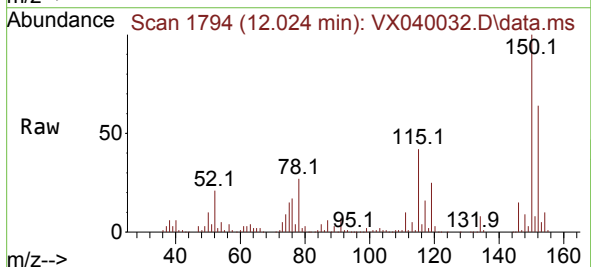
Tgt Ion:152 Resp: 74224

Ion Ratio Lower Upper

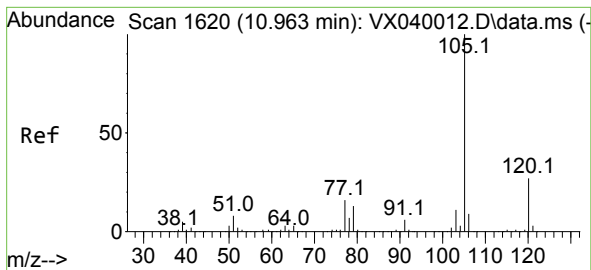
152 100

115 90.7 43.3 129.9

150 176.9 0.0 345.0







#73

Isopropylbenzene

Concen: 50.527 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

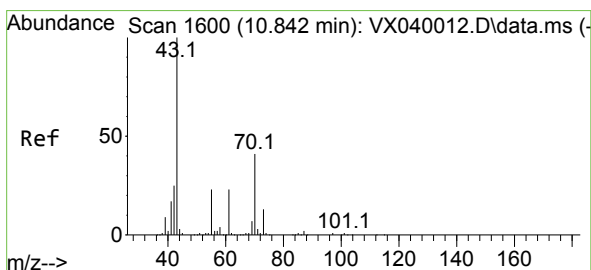
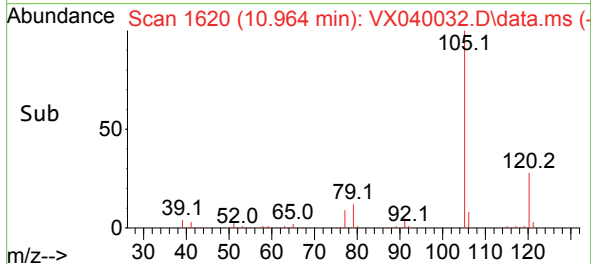
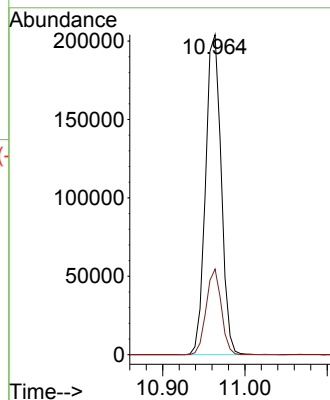
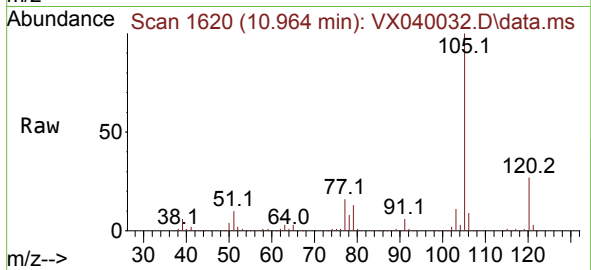
VSTDCCC050EC

Tgt Ion:105 Resp: 269300

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.6



#74

N-ethyl acetate

Concen: 52.019 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Tgt Ion: 43 Resp: 132342

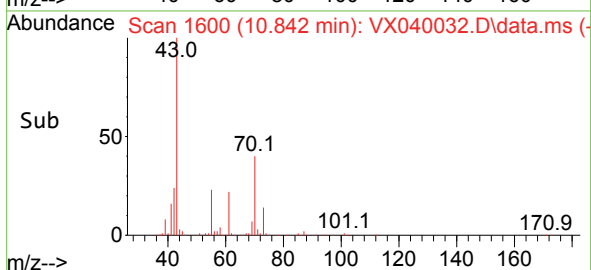
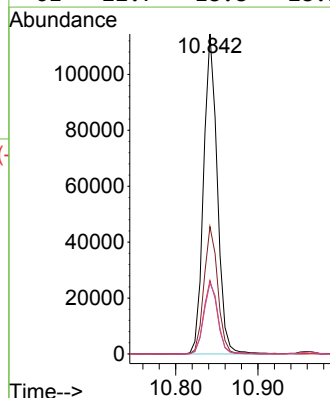
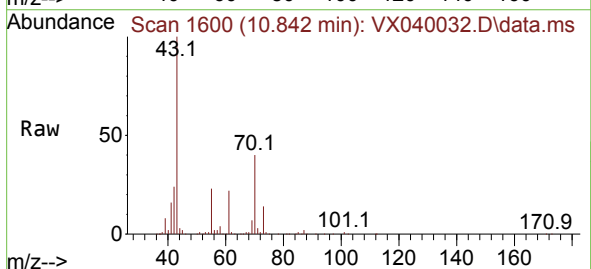
Ion Ratio Lower Upper

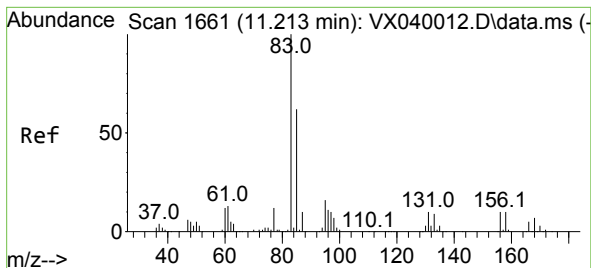
43 100

70 40.2 32.9 49.3

55 23.1 19.3 28.9

61 22.7 18.8 28.2

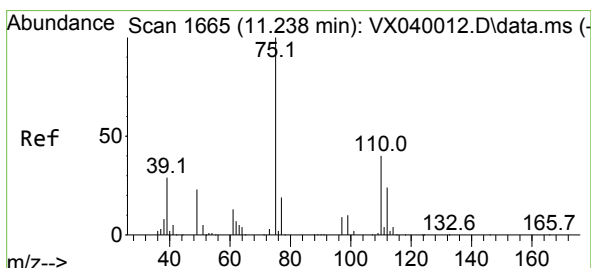
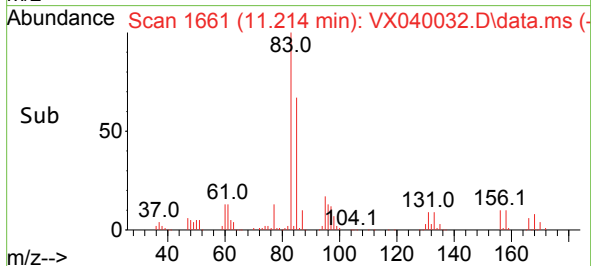
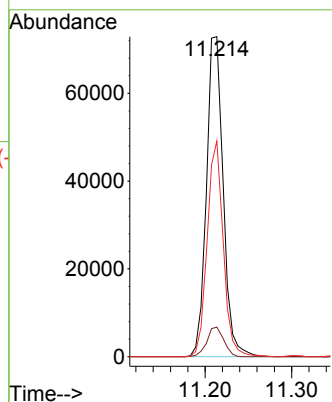
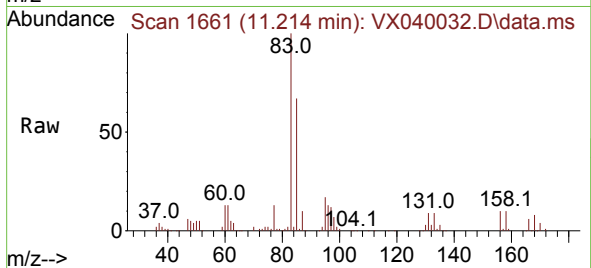




#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.928 ug/l  
RT: 11.214 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

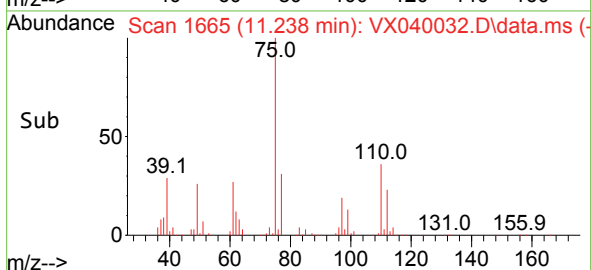
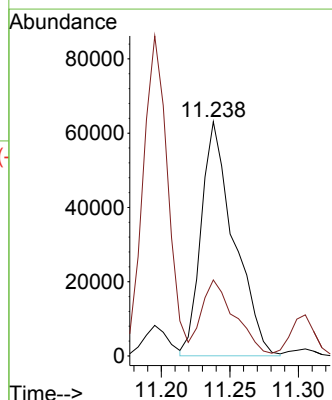
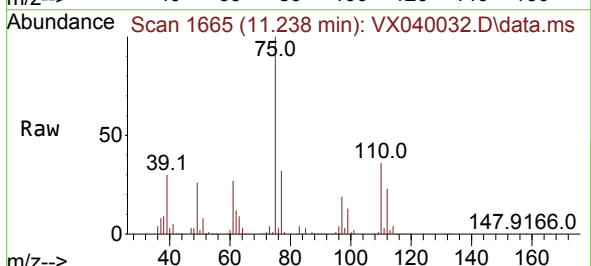
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

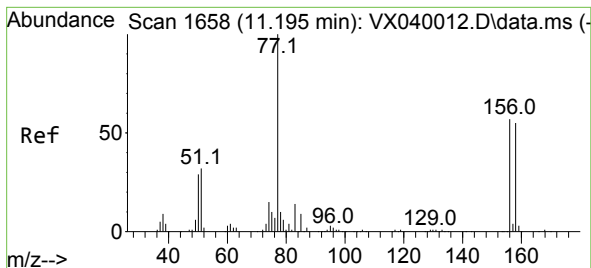
Tgt Ion: 83 Resp: 98044  
Ion Ratio Lower Upper  
83 100  
131 9.4 5.3 15.8  
85 64.4 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 66.439 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 75 Resp: 105015  
Ion Ratio Lower Upper  
75 100  
77 33.3 19.1 57.5





#77

Bromobenzene

Concen: 48.859 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

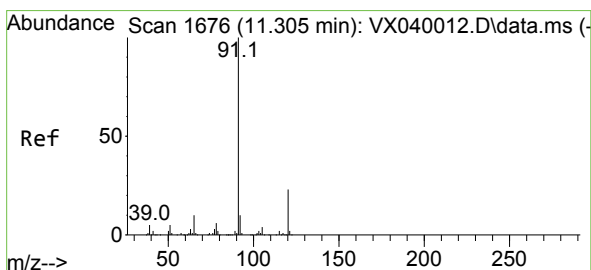
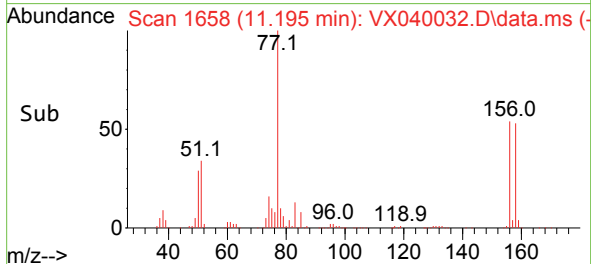
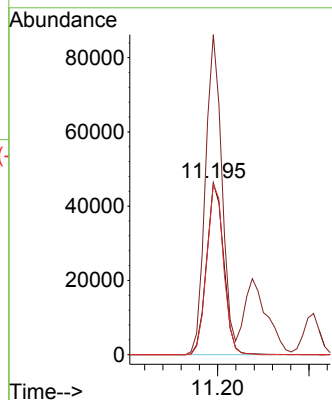
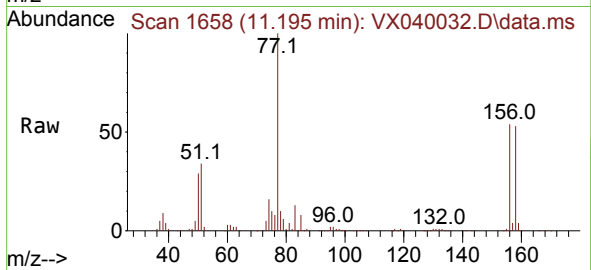
Tgt Ion:156 Resp: 60071

Ion Ratio Lower Upper

156 100

77 179.9 88.4 265.3

158 98.0 48.0 144.0



#78

n-propylbenzene

Concen: 50.381 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040032.D

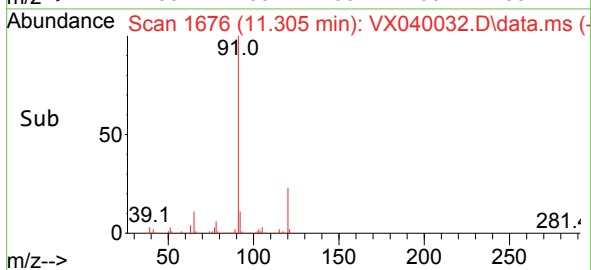
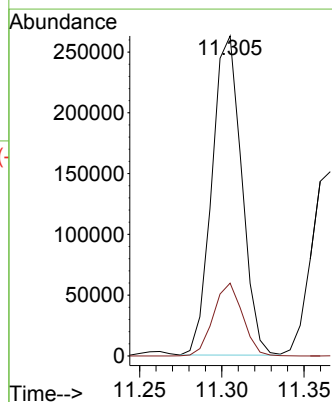
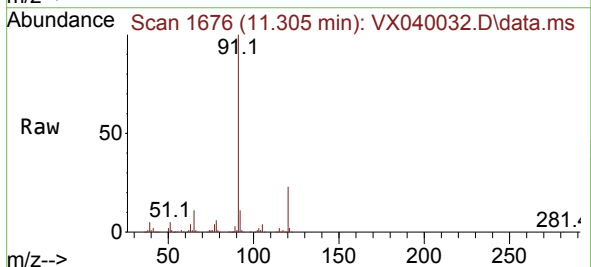
Acq: 30 Jan 2024 20:15

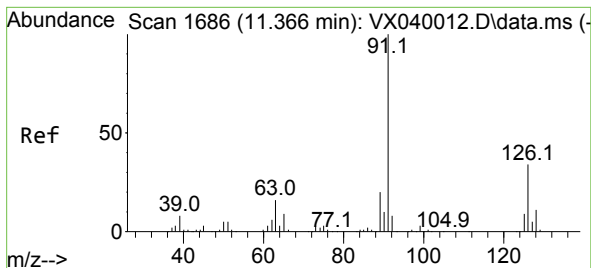
Tgt Ion: 91 Resp: 330438

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.965 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

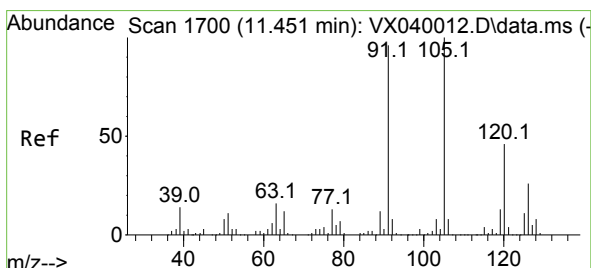
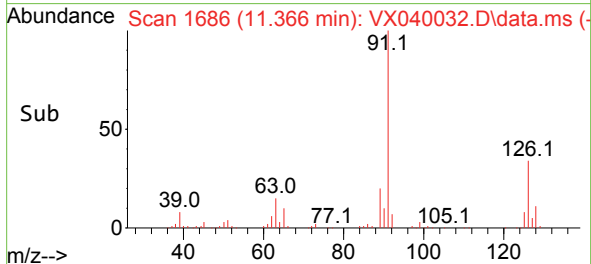
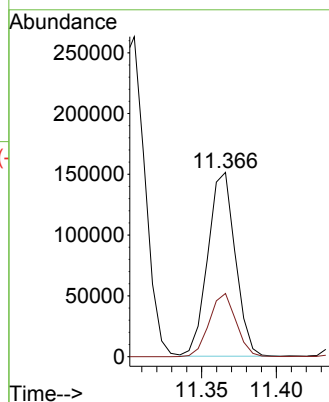
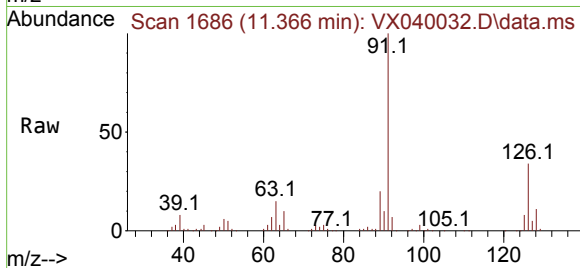
VSTDCCC050EC

Tgt Ion: 91 Resp: 193341

Ion Ratio Lower Upper

91 100

126 33.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 50.910 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040032.D

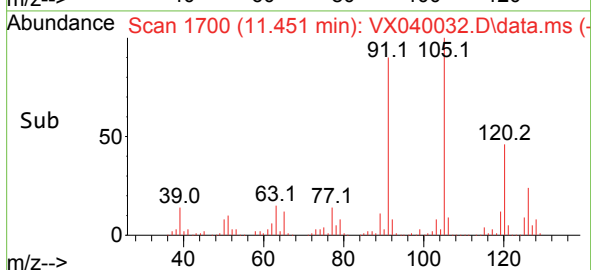
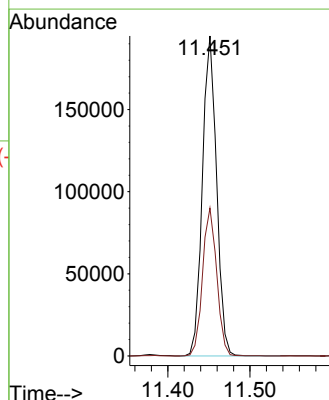
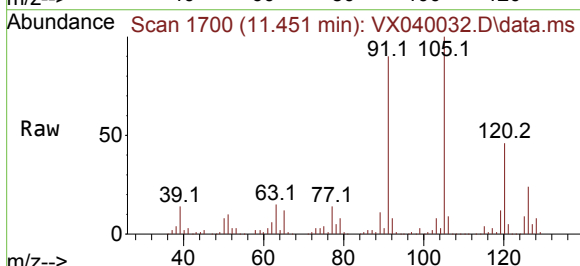
Acq: 30 Jan 2024 20:15

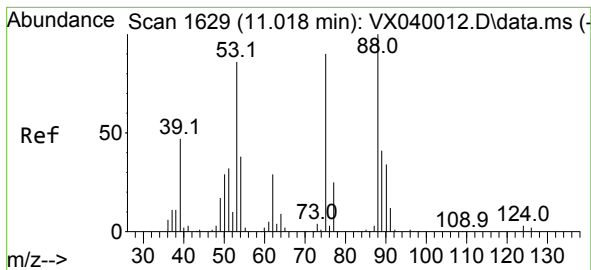
Tgt Ion: 105 Resp: 233252

Ion Ratio Lower Upper

105 100

120 46.2 24.1 72.3

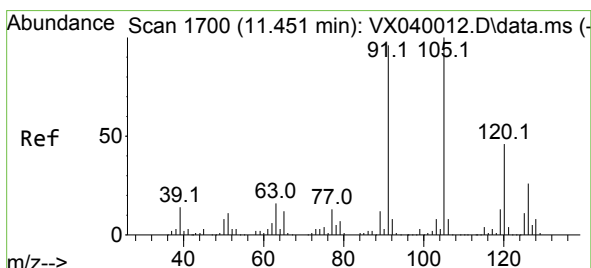
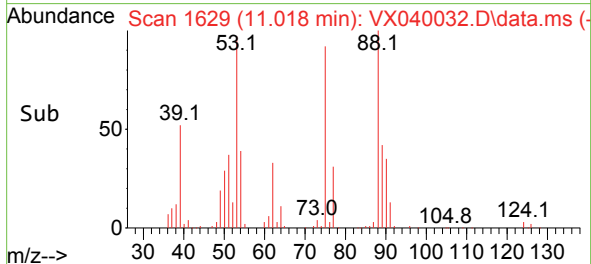
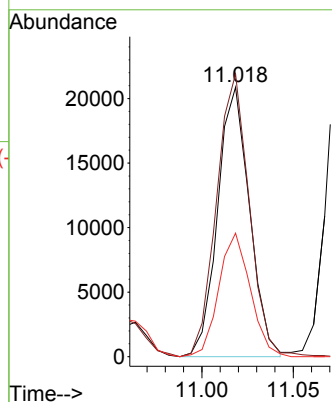
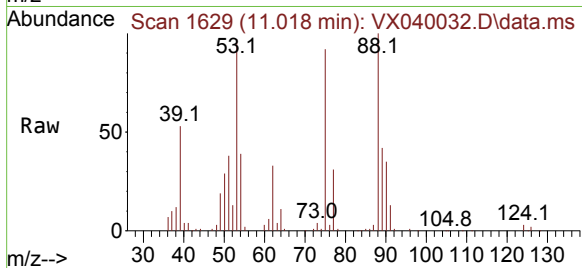




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.491 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

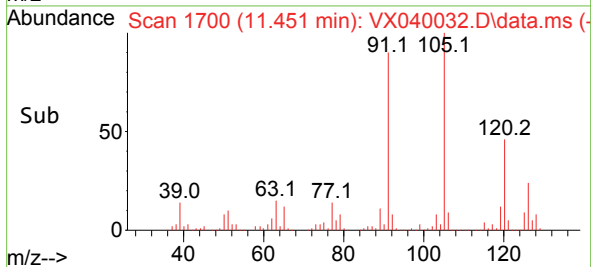
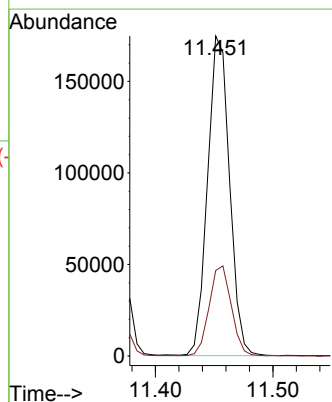
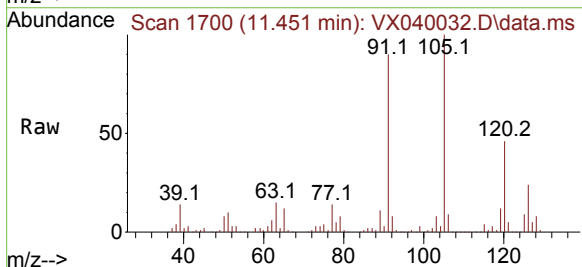
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

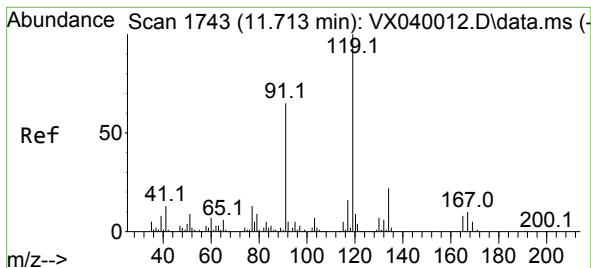
Tgt Ion: 75 Resp: 25334  
Ion Ratio Lower Upper  
75 100  
53 107.7 90.5 135.7  
89 45.3 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 49.976 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 91 Resp: 226485  
Ion Ratio Lower Upper  
91 100  
126 28.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.335 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

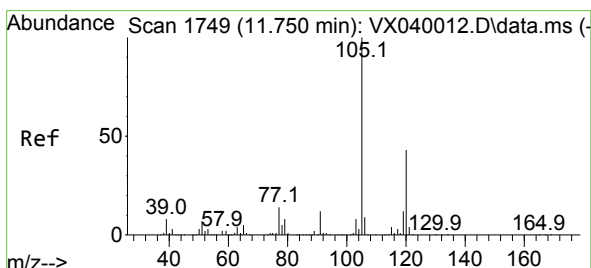
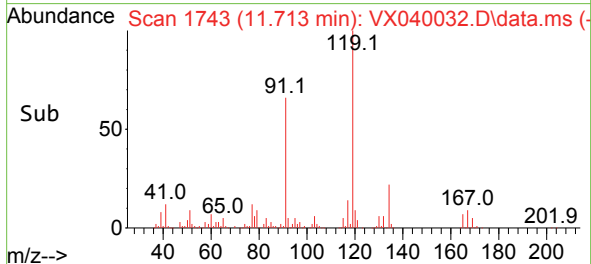
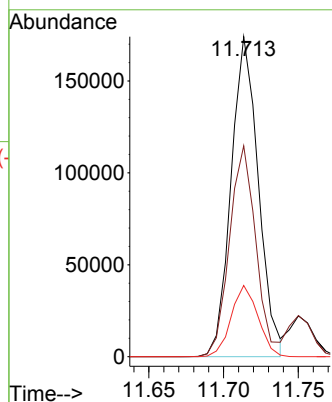
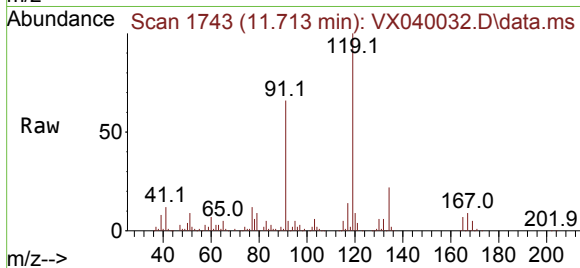
Tgt Ion:119 Resp: 220681

Ion Ratio Lower Upper

119 100

91 64.1 31.2 93.6

134 22.0 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 51.701 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040032.D

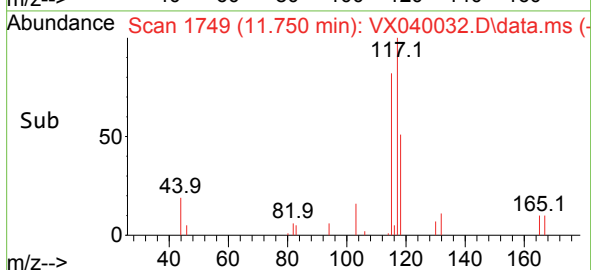
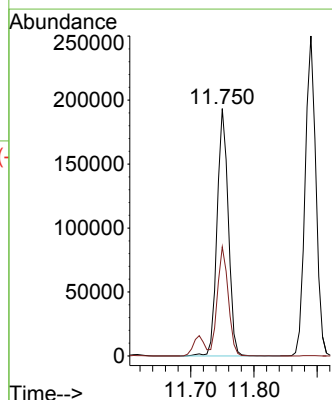
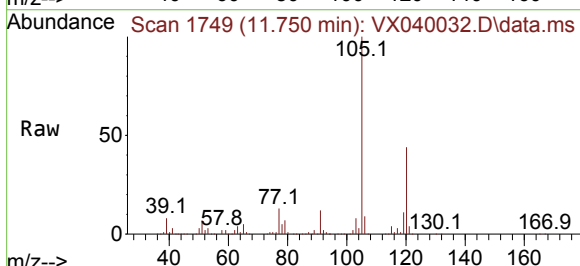
Acq: 30 Jan 2024 20:15

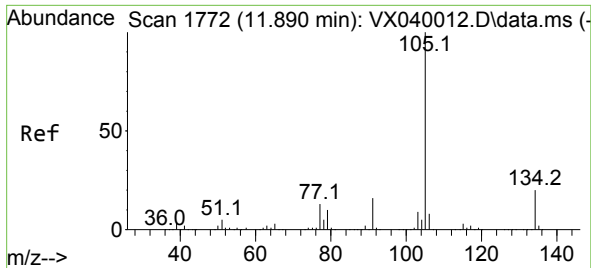
Tgt Ion:105 Resp: 236368

Ion Ratio Lower Upper

105 100

120 43.3 21.2 63.6

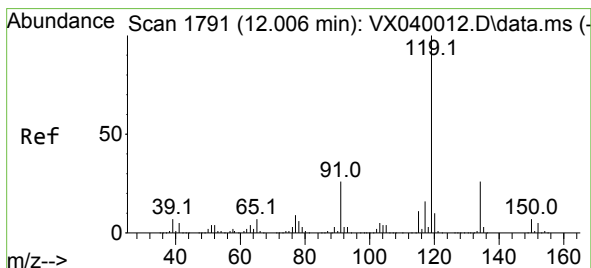
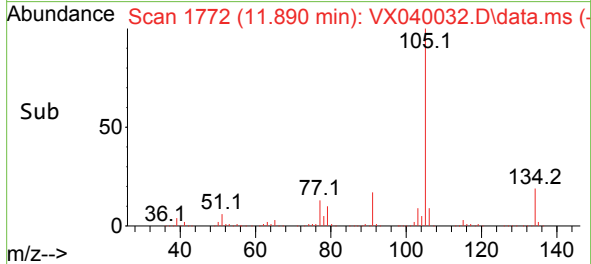
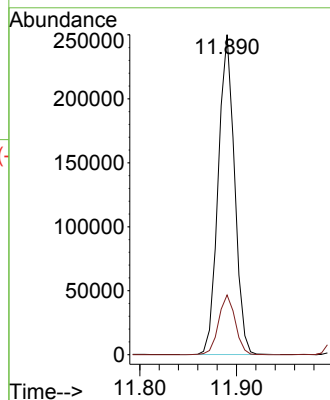
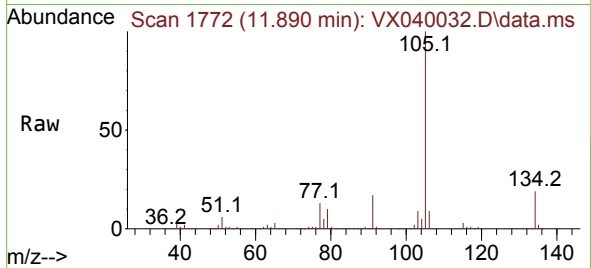




#85  
 sec-Butylbenzene  
 Concen: 50.308 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX040032.D  
 Acq: 30 Jan 2024 20:15

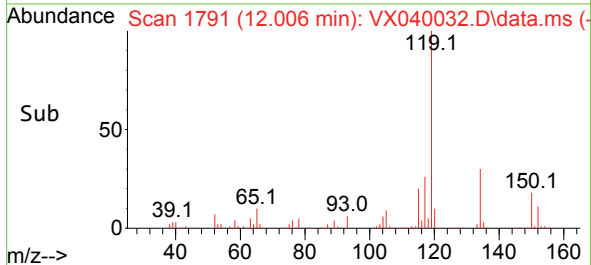
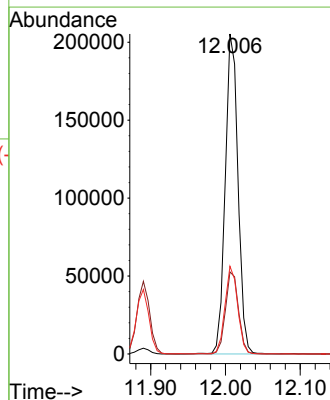
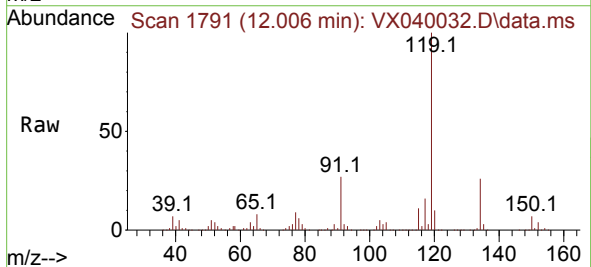
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

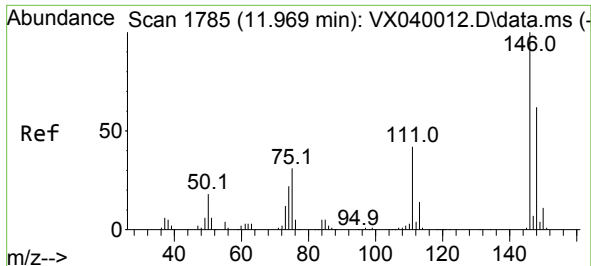
Tgt Ion:105 Resp: 292218  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 51.454 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX040032.D  
 Acq: 30 Jan 2024 20:15

Tgt Ion:119 Resp: 244056  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 12.8 38.3  
 91 27.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.242 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

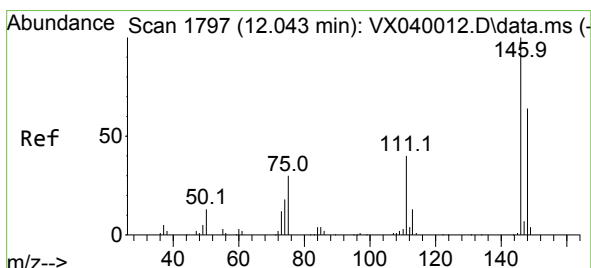
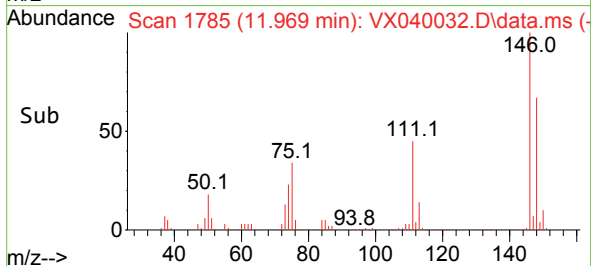
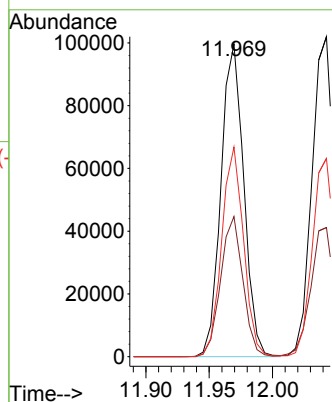
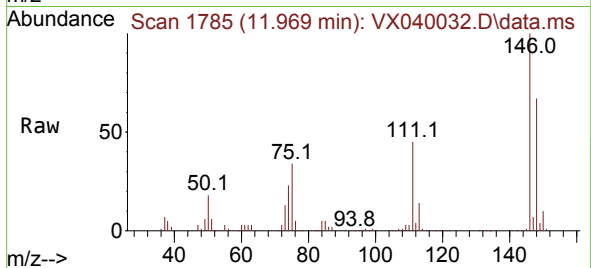
Tgt Ion:146 Resp: 124613

Ion Ratio Lower Upper

146 100

111 43.8 22.1 66.1

148 64.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.648 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

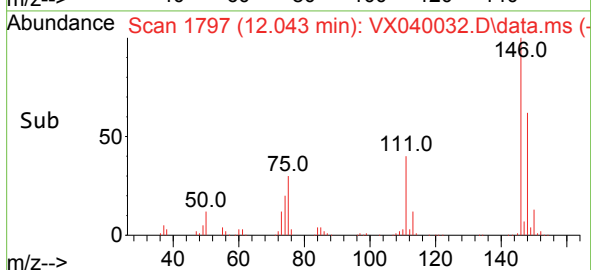
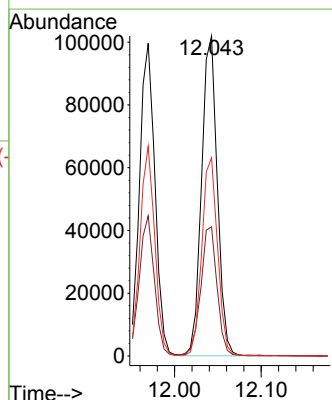
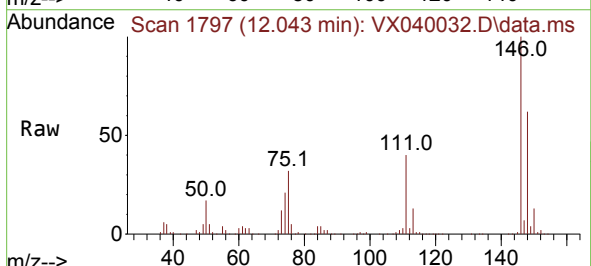
Tgt Ion:146 Resp: 128591

Ion Ratio Lower Upper

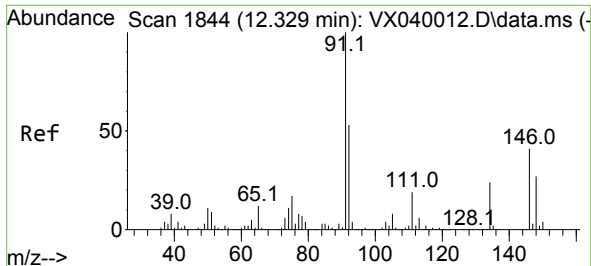
146 100

111 41.9 21.3 63.7

148 62.3 31.8 95.4



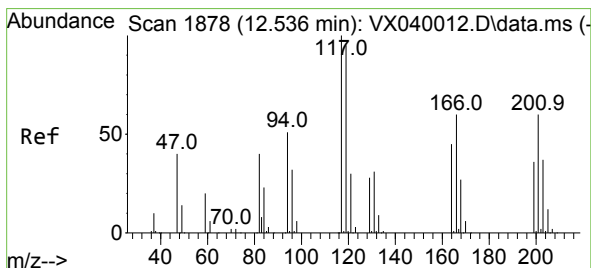
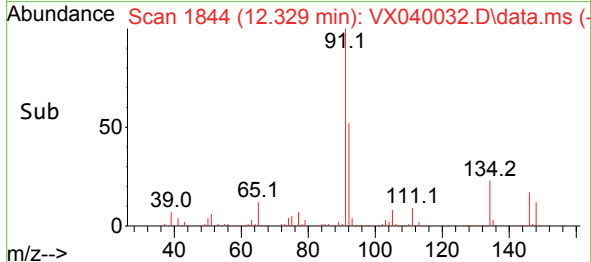
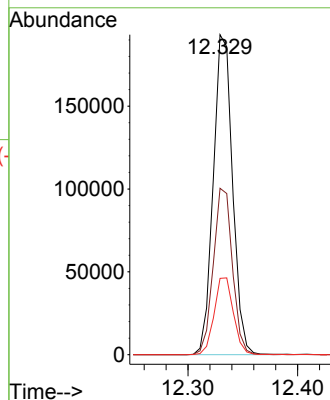
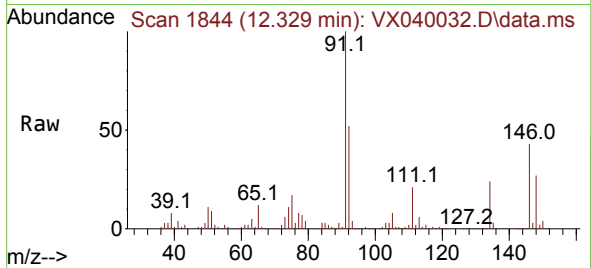




#89  
n-Butylbenzene  
Concen: 51.300 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

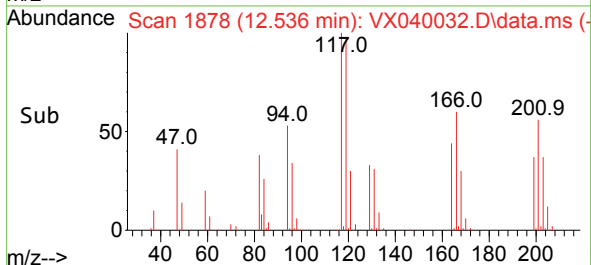
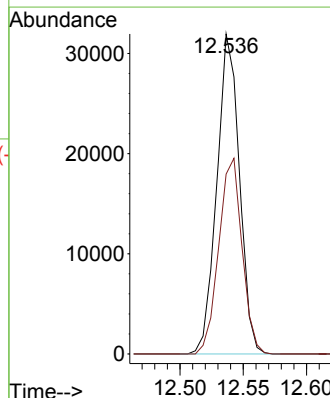
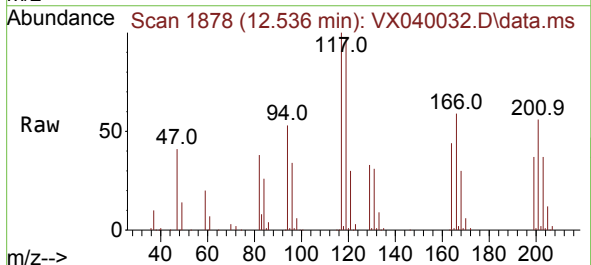
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

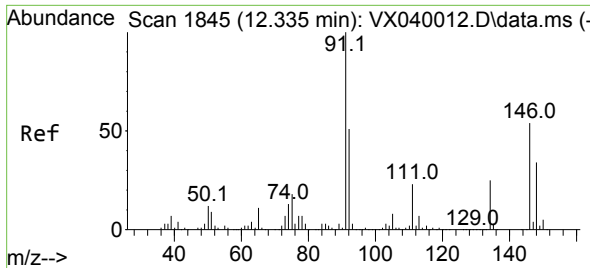
Tgt Ion: 91 Resp: 236175  
Ion Ratio Lower Upper  
91 100  
92 51.6 27.4 82.0  
134 24.0 12.6 37.8



#90  
Hexachloroethane  
Concen: 50.964 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion: 117 Resp: 39564  
Ion Ratio Lower Upper  
117 100  
201 63.2 32.9 98.6

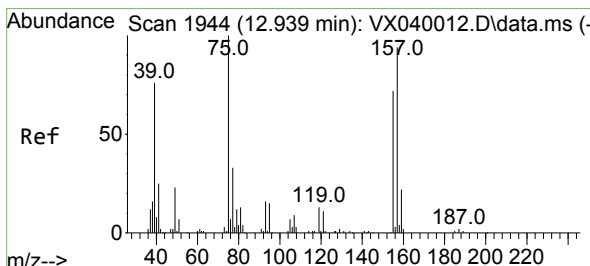
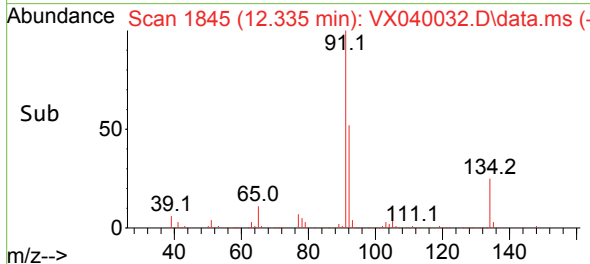
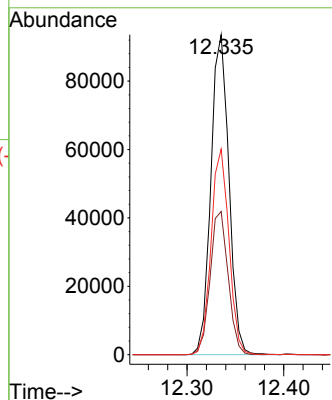
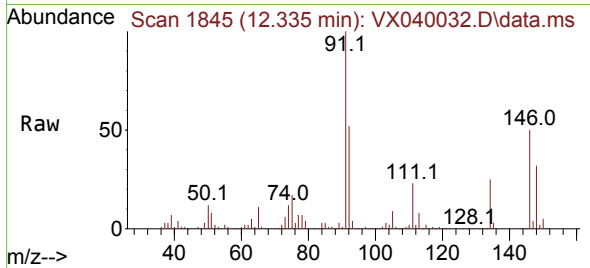




#91  
 1,2-Dichlorobenzene  
 Concen: 50.730 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX040032.D  
 Acq: 30 Jan 2024 20:15

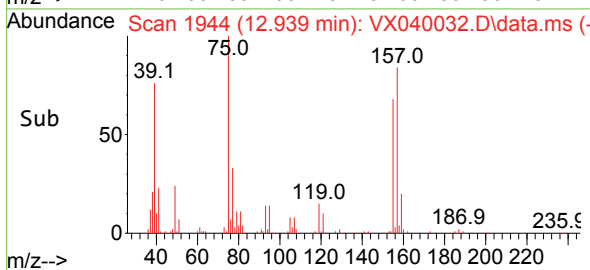
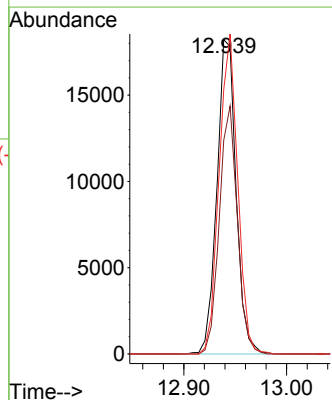
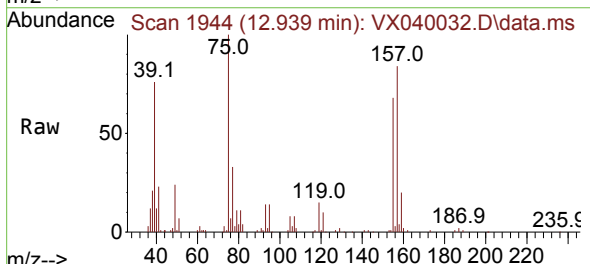
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

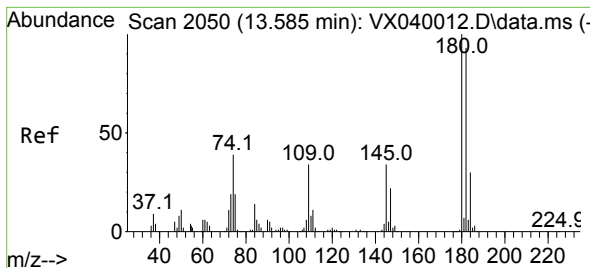
Tgt Ion:146 Resp: 121318  
 Ion Ratio Lower Upper  
 146 100  
 111 44.9 22.4 67.0  
 148 63.6 31.6 95.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.899 ug/l  
 RT: 12.939 min Scan# 1944  
 Delta R.T. 0.000 min  
 Lab File: VX040032.D  
 Acq: 30 Jan 2024 20:15

Tgt Ion: 75 Resp: 23574  
 Ion Ratio Lower Upper  
 75 100  
 155 73.9 36.1 108.5  
 157 98.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.215 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

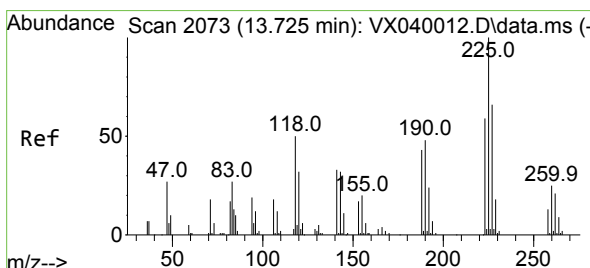
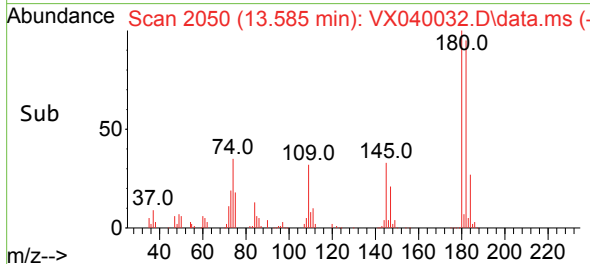
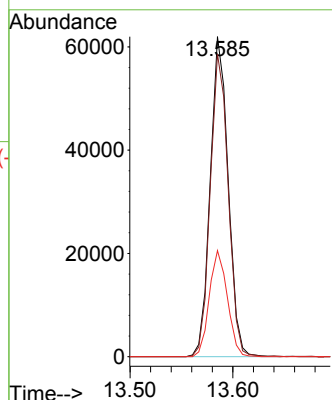
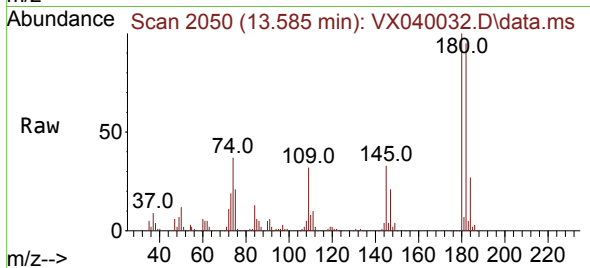
Tgt Ion:180 Resp: 75067

Ion Ratio Lower Upper

180 100

182 94.4 48.3 144.8

145 33.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 46.257 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040032.D

Acq: 30 Jan 2024 20:15

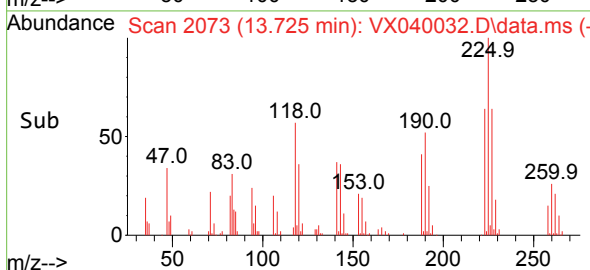
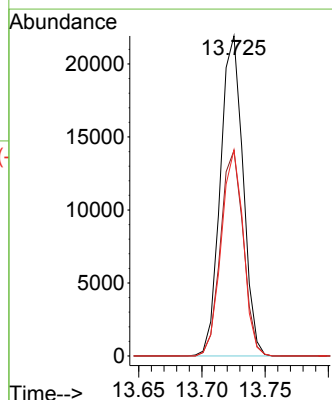
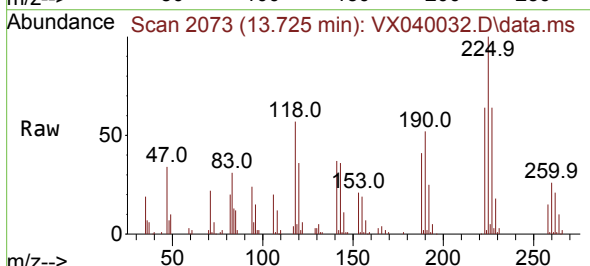
Tgt Ion:225 Resp: 27239

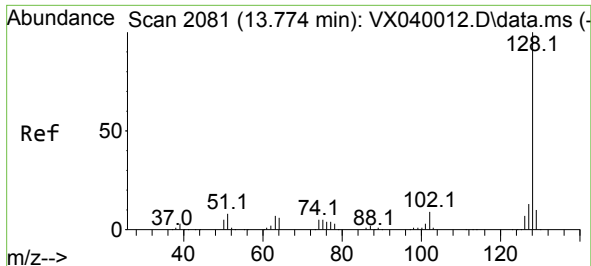
Ion Ratio Lower Upper

225 100

223 64.5 31.1 93.2

227 62.6 32.5 97.5

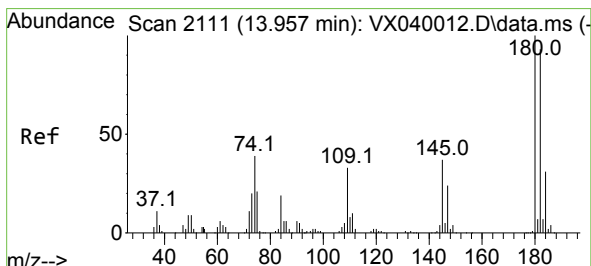
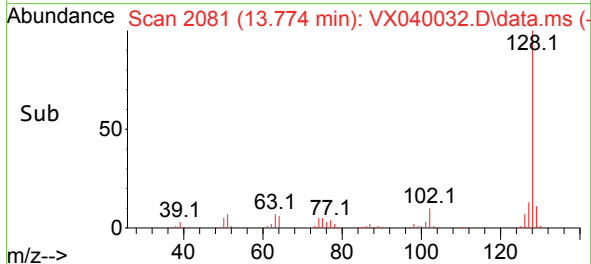
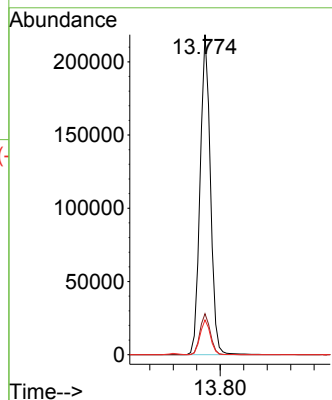
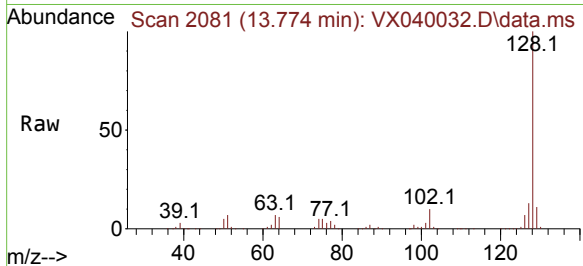




#95  
Naphthalene  
Concen: 52.476 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 266443  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.3 15.5  
129 10.8 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 49.359 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. 0.000 min  
Lab File: VX040032.D  
Acq: 30 Jan 2024 20:15

Tgt Ion:180 Resp: 72956  
Ion Ratio Lower Upper  
180 100  
182 95.9 46.9 140.6  
145 35.2 17.8 53.5

