

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011024\  
 Data File : VX039696.D  
 Acq On : 10 Jan 2024 11:35  
 Operator : JC/MD  
 Sample : VSTDICC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC020

Quant Time: Jan 11 03:31:47 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 03:21:23 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 108247   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 195875   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 176773   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 81649    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 34884    | 19.238   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 38.480%# |
| 35) Dibromofluoromethane     | 5.385  | 113   | 25358    | 19.221   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 38.440%# |
| 50) Toluene-d8               | 8.647  | 98    | 96210    | 19.335   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 38.680%# |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 35529    | 18.259   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 36.520%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 28880    | 20.621   | ug/l   | 97       |
| 3) Chloromethane             | 1.294  | 50    | 31235    | 19.528   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374  | 62    | 29821    | 19.756   | ug/l   | 94       |
| 5) Bromomethane              | 1.605  | 94    | 19260    | 22.362   | ug/l   | 95       |
| 6) Chloroethane              | 1.685  | 64    | 17166    | 20.044   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 42317    | 19.434   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.136  | 74    | 15676    | 19.481   | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 26698    | 19.777   | ug/l   | 97       |
| 10) Methyl Iodide            | 2.453  | 142   | 26974    | 18.940   | ug/l   | 92       |
| 11) Tert butyl alcohol       | 2.953  | 59    | 45473    | 96.337   | ug/l # | 92       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 26073    | 20.013   | ug/l   | 93       |
| 13) Acrolein                 | 2.233  | 56    | 28592    | 88.627   | ug/l   | 100      |
| 14) Allyl chloride           | 2.666  | 41    | 49506    | 19.306   | ug/l   | 97       |
| 15) Acrylonitrile            | 3.062  | 53    | 97114    | 99.602   | ug/l   | 98       |
| 16) Acetone                  | 2.373  | 43    | 102054   | 100.074  | ug/l   | 93       |
| 17) Carbon Disulfide         | 2.514  | 76    | 71558    | 19.110   | ug/l   | 98       |
| 18) Methyl Acetate           | 2.703  | 43    | 42878    | 20.097   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 89765    | 19.407   | ug/l   | 97       |
| 20) Methylene Chloride       | 2.788  | 84    | 29890    | 19.377   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 27000    | 19.693   | ug/l   | 96       |
| 22) Diisopropyl ether        | 3.757  | 45    | 97691    | 19.964   | ug/l   | 93       |
| 23) Vinyl Acetate            | 3.721  | 43    | 460160   | 101.163  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 52676    | 19.567   | ug/l   | 99       |
| 25) 2-Butanone               | 4.550  | 43    | 146168   | 99.739   | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 41863    | 19.375   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 31169    | 19.821   | ug/l   | 100      |
| 28) Bromochloromethane       | 4.903  | 49    | 23258    | 19.059   | ug/l   | 93       |
| 29) Tetrahydrofuran          | 5.001  | 42    | 93986    | 99.639   | ug/l   | 99       |
| 30) Chloroform               | 5.092  | 83    | 52067    | 19.592   | ug/l   | 95       |
| 31) Cyclohexane              | 5.470  | 56    | 47750    | 19.953   | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 44554    | 19.583   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 39877    | 19.418   | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.714  | 43    | 54241    | 19.799   | ug/l   | 100      |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 35941    | 19.109   | ug/l   | 98       |
| 39) Methylcyclohexane        | 7.379  | 83    | 47957    | 19.448   | ug/l   | 95       |
| 40) Benzene                  | 6.037  | 78    | 115611   | 19.882   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011024\  
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 Operator : JC/MD  
 Sample : VSTDICC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC020

Quant Time: Jan 11 03:31:47 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 03:21:23 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 26971    | 20.132  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 43686    | 19.761  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.336  | 43   | 79241    | 19.717  | ug/l   | 98       |
| 44) Trichloroethene           | 7.129  | 130  | 28115    | 19.728  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 30617    | 19.628  | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 21286    | 19.756  | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.824  | 83   | 38846    | 19.467  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.690  | 41   | 39492    | 19.992  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 15689    | 410.455 | ug/l # | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.567  | 43   | 278877   | 100.756 | ug/l   | 97       |
| 52) Toluene                   | 8.720  | 92   | 68598    | 19.751  | ug/l   | 92       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 40811    | 19.274  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 45763    | 19.656  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 29690    | 20.078  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 47871    | 20.002  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 50129    | 20.004  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 115353   | 101.969 | ug/l   | 94       |
| 59) 2-Hexanone                | 9.427  | 43   | 224270   | 102.379 | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.518  | 129  | 27143    | 19.464  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 30586    | 19.974  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 22093    | 19.219  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 73315    | 19.913  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 25139    | 20.052  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 135699   | 19.852  | ug/l   | 95       |
| 68) m/p-Xylenes               | 10.299 | 106  | 101765   | 40.482  | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 48745    | 19.580  | ug/l   | 94       |
| 70) Styrene                   | 10.652 | 104  | 79005    | 19.427  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 17823    | 18.933  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.963 | 105  | 129636   | 19.942  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 66866    | 19.733  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 49018    | 19.747  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 53773    | 25.403  | ug/l   | 91       |
| 77) Bromobenzene              | 11.195 | 156  | 28729    | 19.849  | ug/l   | 96       |
| 78) n-propylbenzene           | 11.305 | 91   | 157741   | 20.049  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 93902    | 19.310  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 111604   | 20.214  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 12485    | 19.354  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 106899   | 19.380  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 104616   | 19.847  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 109355   | 19.853  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 140083   | 20.473  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 112154   | 20.509  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 54190    | 19.532  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 54002    | 18.845  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 103336   | 19.564  | ug/l   | 96       |
| 90) Hexachloroethane          | 12.536 | 117  | 18162    | 19.686  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 53543    | 19.520  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 11788    | 19.380  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 31681    | 18.900  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 13565    | 19.468  | ug/l   | 100      |
| 95) Naphthalene               | 13.774 | 128  | 120556   | 19.537  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 32073    | 18.959  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011024\  
Data File : VX039696.D  
Acq On : 10 Jan 2024 11:35  
Operator : JC/MD  
Sample : VSTDICC020  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 5 Sample Multiplier: 1

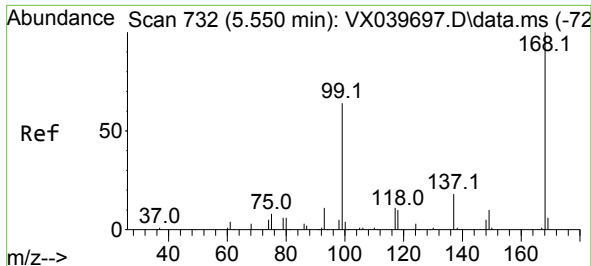
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Quant Time: Jan 11 03:31:47 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:21:23 2024  
Response via : Initial Calibration

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

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

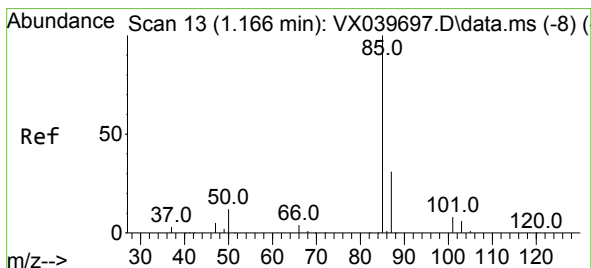
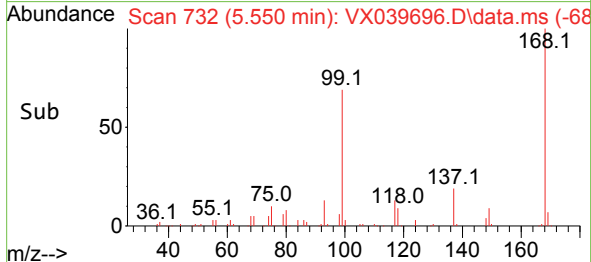
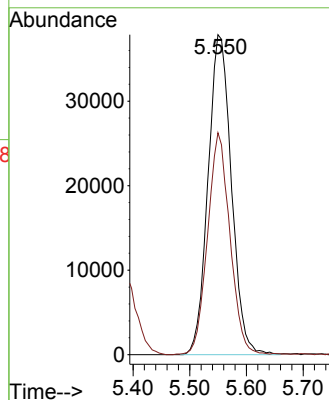
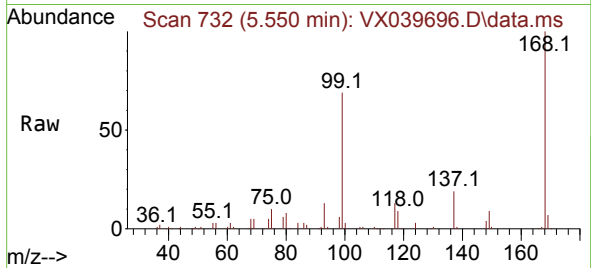




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

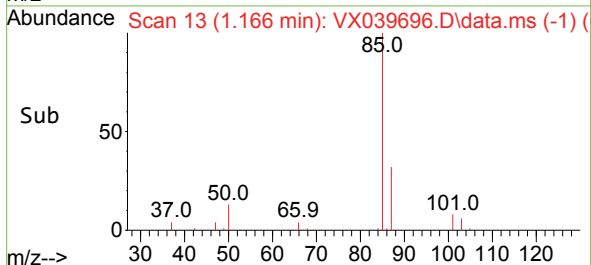
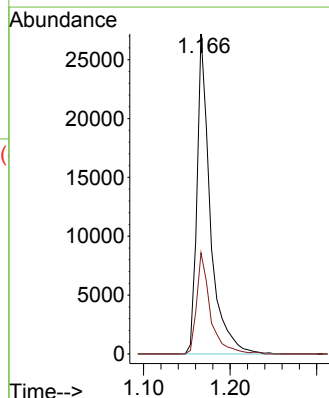
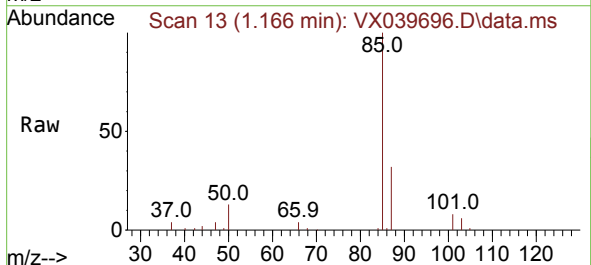
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

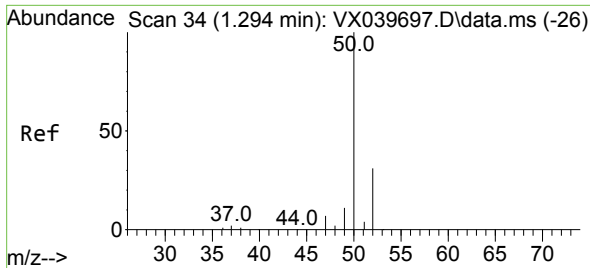
Tgt Ion:168 Resp: 108247  
Ion Ratio Lower Upper  
168 100  
99 69.2 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 20.621 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 85 Resp: 28880  
Ion Ratio Lower Upper  
85 100  
87 31.6 16.7 50.1

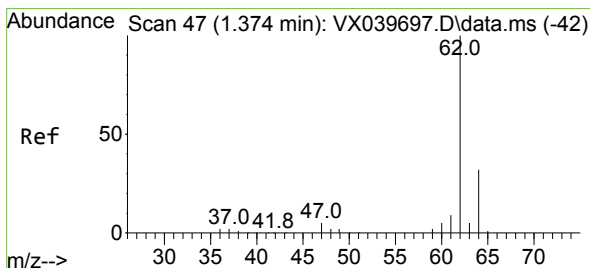
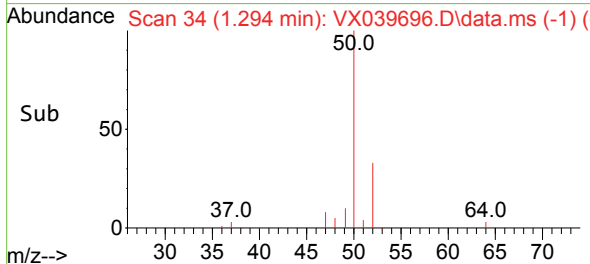
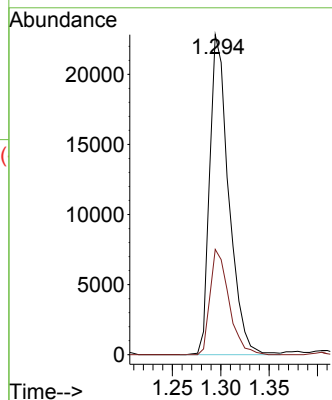
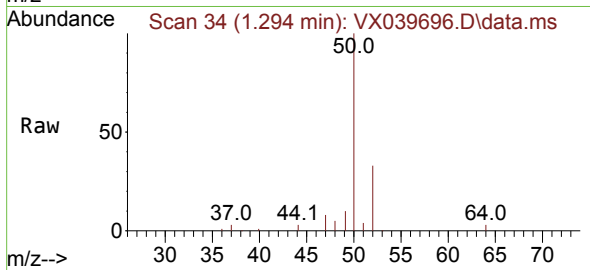




#3  
Chloromethane  
Concen: 19.528 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

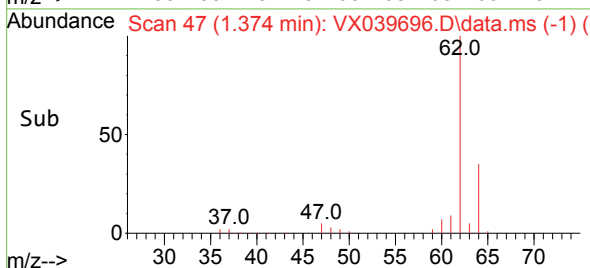
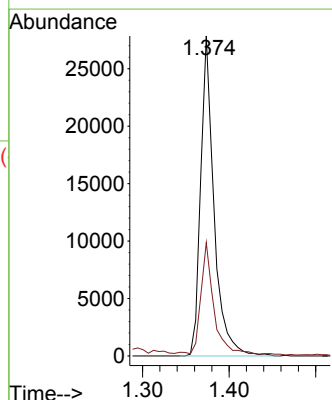
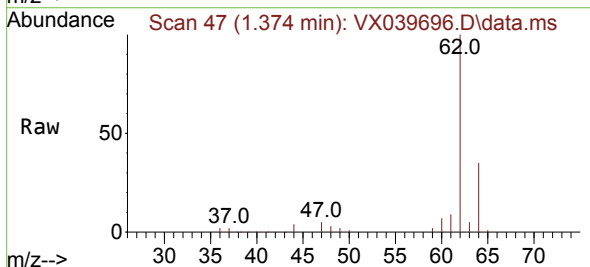
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

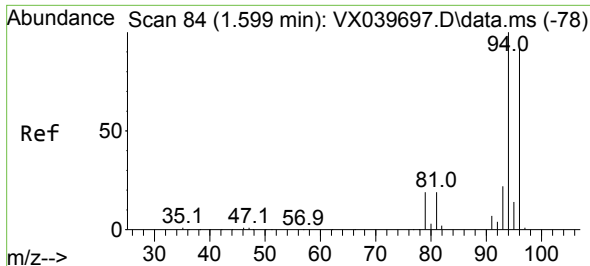
Tgt Ion: 50 Resp: 31235  
Ion Ratio Lower Upper  
50 100  
52 32.9 25.5 38.3



#4  
Vinyl Chloride  
Concen: 19.756 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 62 Resp: 29821  
Ion Ratio Lower Upper  
62 100  
64 34.9 25.4 38.0

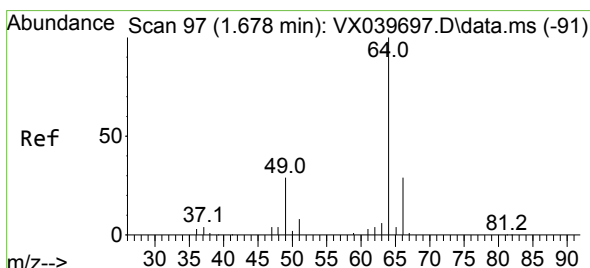
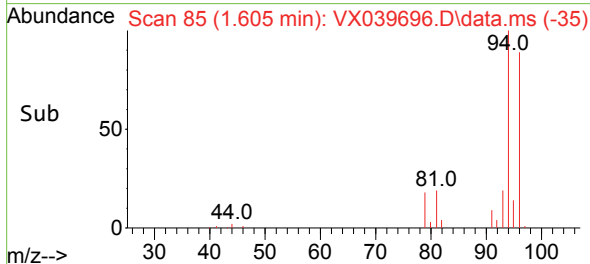
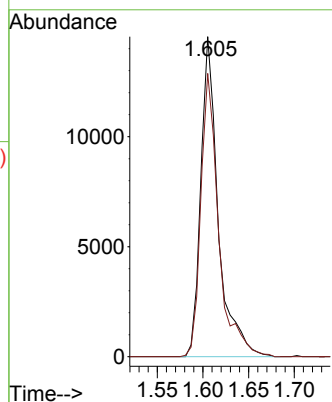
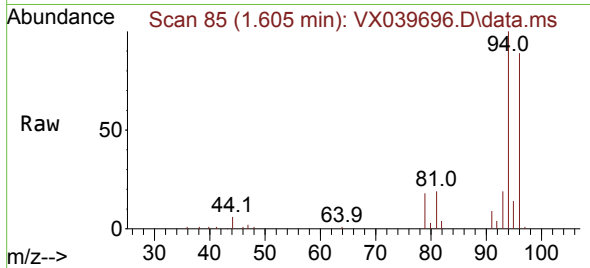




#5  
Bromomethane  
Concen: 22.362 ug/l  
RT: 1.605 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

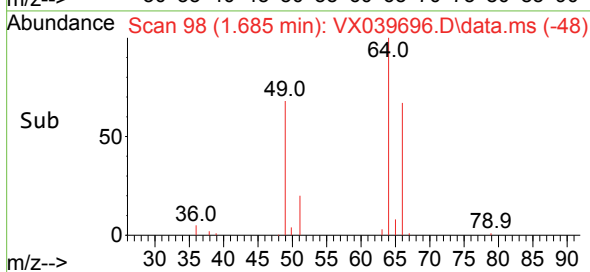
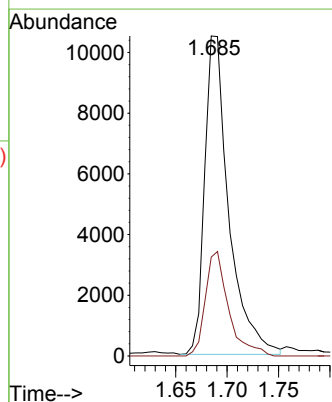
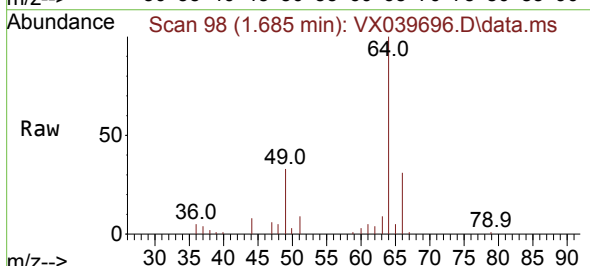
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

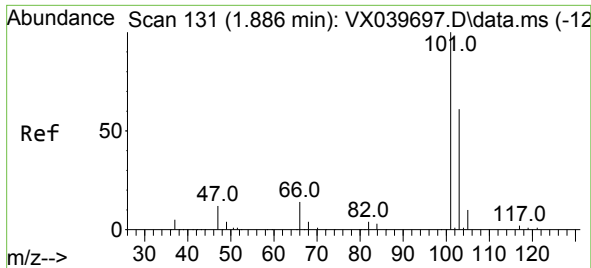
Tgt Ion: 94 Resp: 19260  
Ion Ratio Lower Upper  
94 100  
96 88.5 74.6 111.8



#6  
Chloroethane  
Concen: 20.044 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.006 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 64 Resp: 17166  
Ion Ratio Lower Upper  
64 100  
66 31.1 25.1 37.7

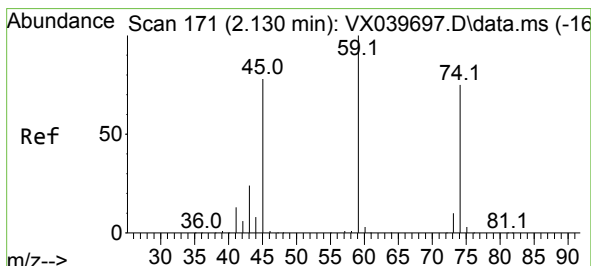
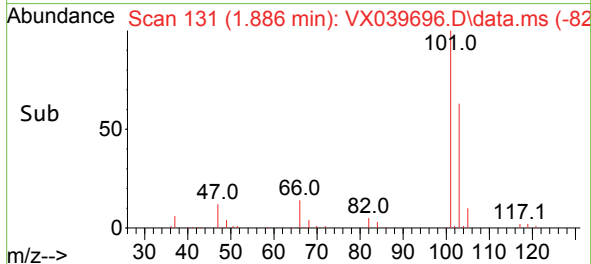
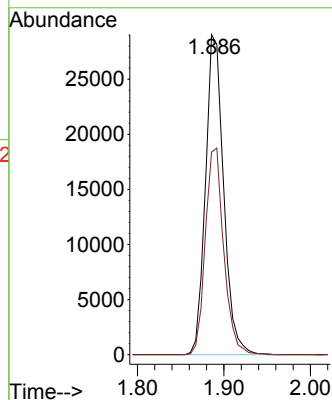
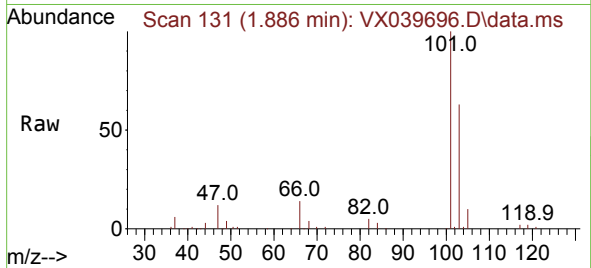




#7  
Trichlorofluoromethane  
Concen: 19.434 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

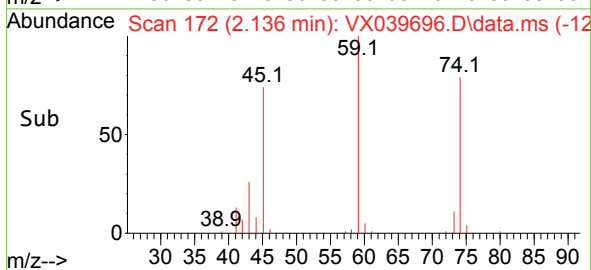
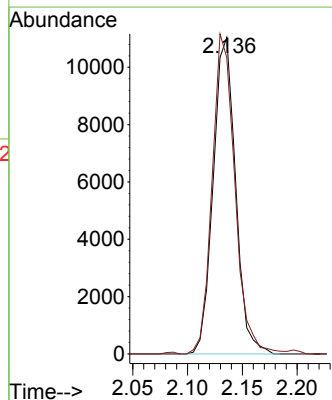
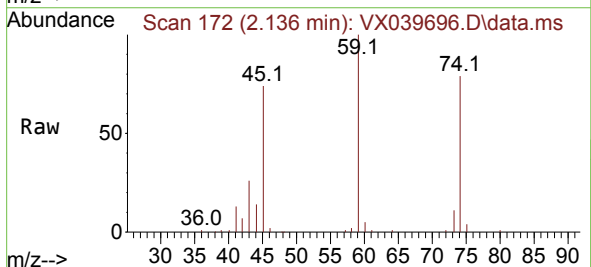
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Tgt Ion:101 Resp: 42317  
Ion Ratio Lower Upper  
101 100  
103 63.3 51.4 77.2

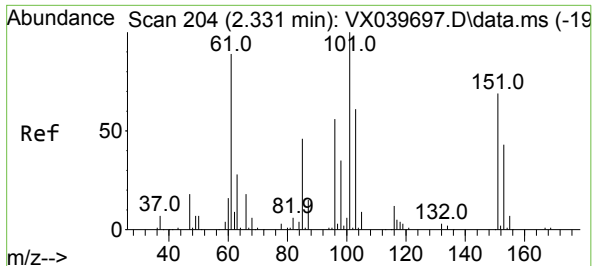


#8  
Diethyl Ether  
Concen: 19.481 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 74 Resp: 15676  
Ion Ratio Lower Upper  
74 100  
45 103.2 53.3 159.8



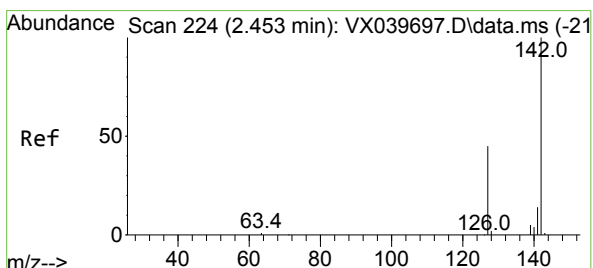
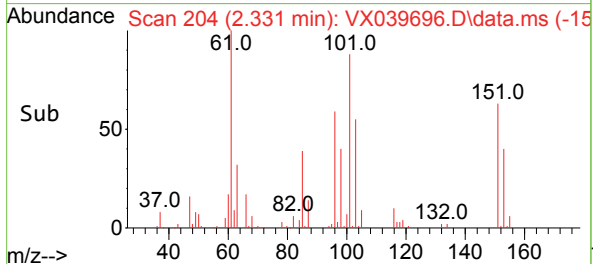
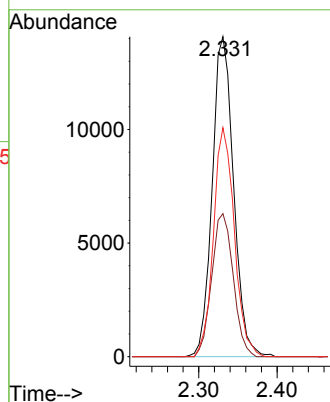
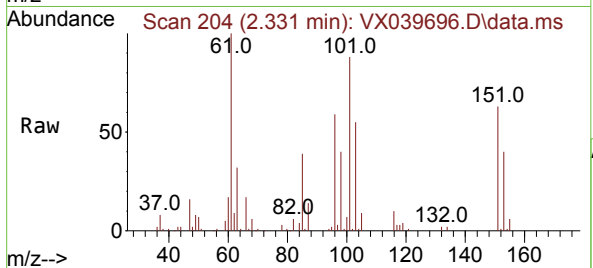




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.777 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

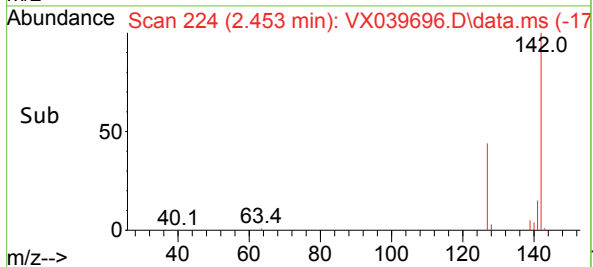
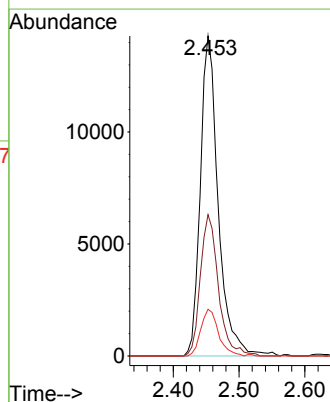
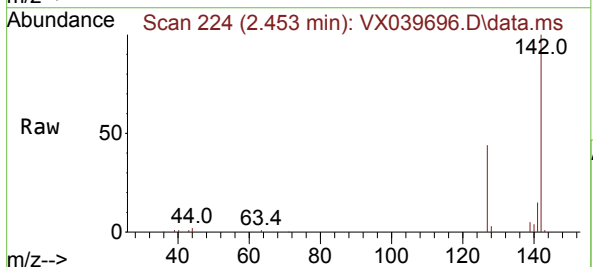
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

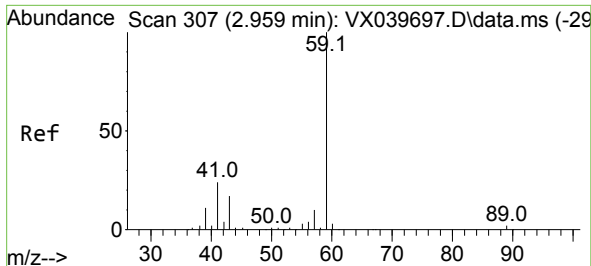
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 26698 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 45.0  | 37.0  | 55.6  |
| 151      | 70.0  | 58.6  | 87.8  |



#10  
Methyl Iodide  
Concen: 18.940 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 26974 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 44.6  | 41.6  | 62.4  |
| 141      | 14.4  | 11.6  | 17.4  |

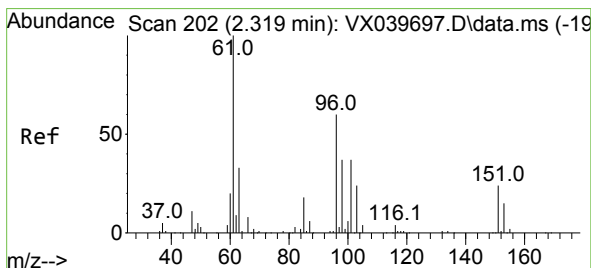
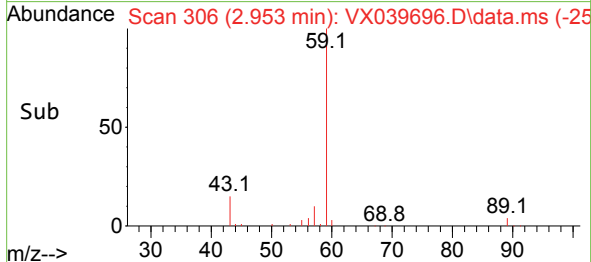
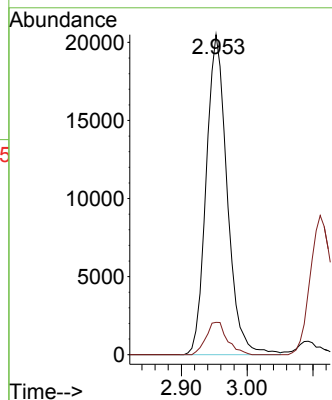
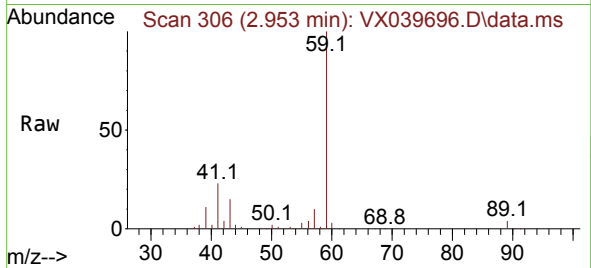




#11  
Tert butyl alcohol  
Concen: 96.337 ug/l  
RT: 2.953 min Scan# 307  
Delta R.T. -0.006 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

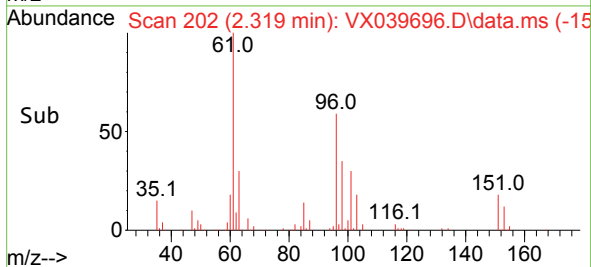
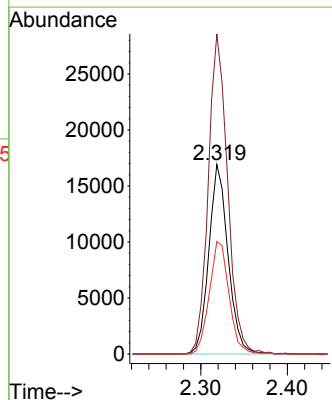
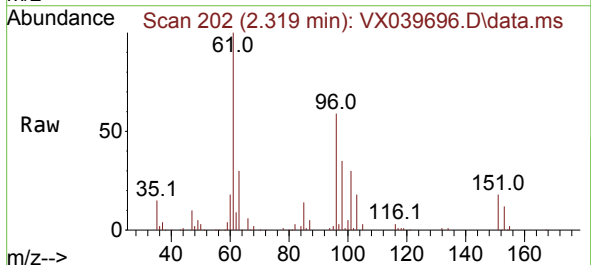
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

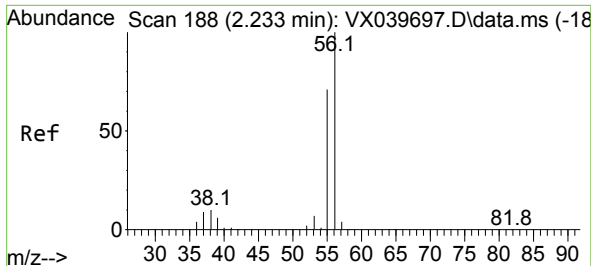
Tgt Ion: 59 Resp: 45473  
Ion Ratio Lower Upper  
59 100  
57 10.2 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 20.013 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 96 Resp: 26073  
Ion Ratio Lower Upper  
96 100  
61 168.9 144.6 216.8  
98 59.3 50.4 75.6

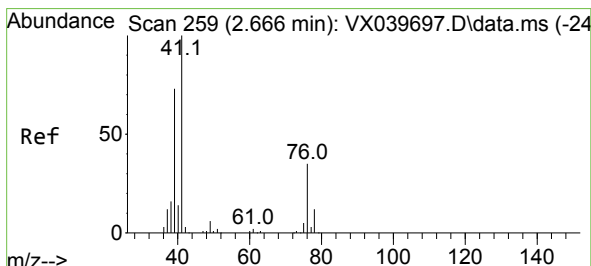
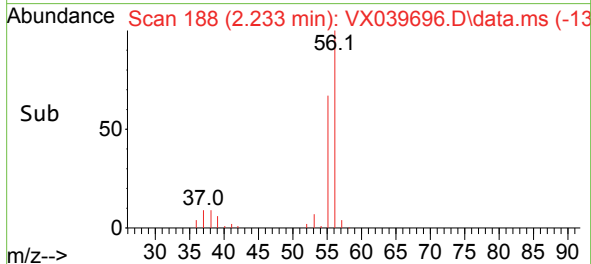
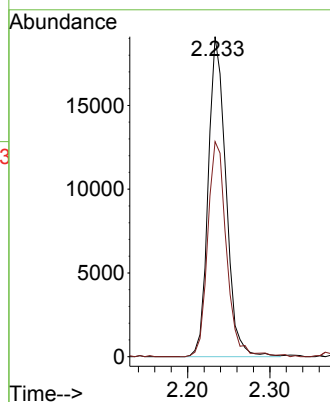
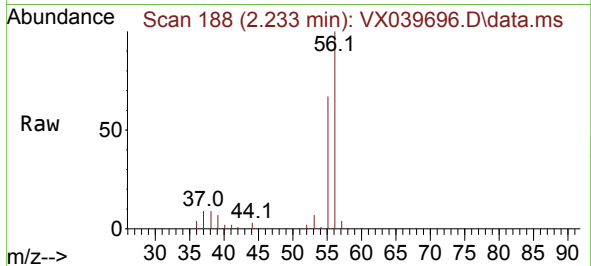




#13  
Acrolein  
Concen: 88.627 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

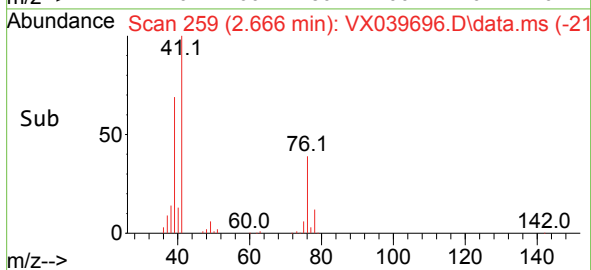
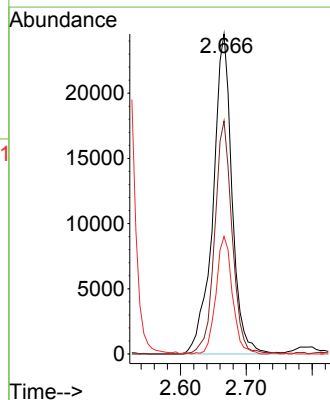
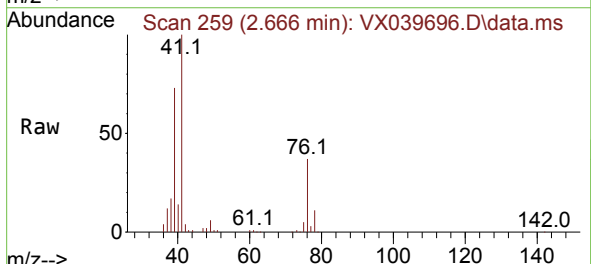
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

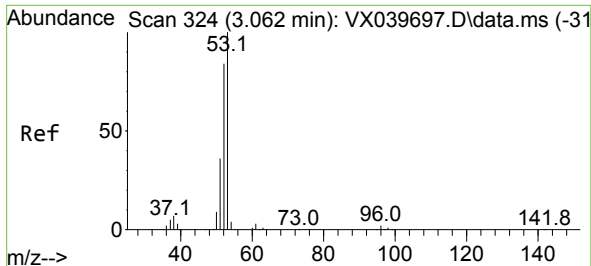
Tgt Ion: 56 Resp: 28592  
Ion Ratio Lower Upper  
56 100  
55 71.4 57.1 85.7



#14  
Allyl chloride  
Concen: 19.306 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 41 Resp: 49506  
Ion Ratio Lower Upper  
41 100  
39 66.7 55.8 83.6  
76 31.6 24.3 36.5

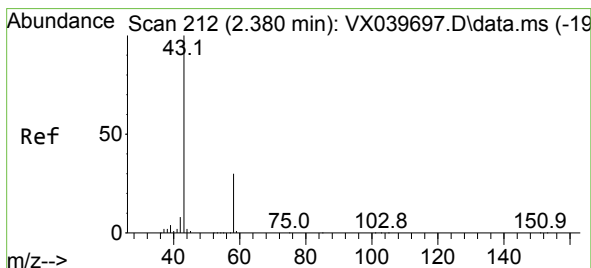
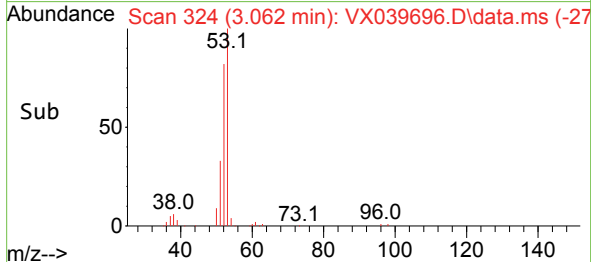
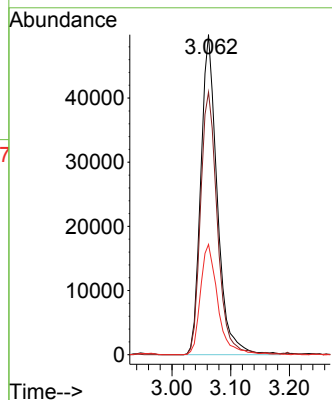
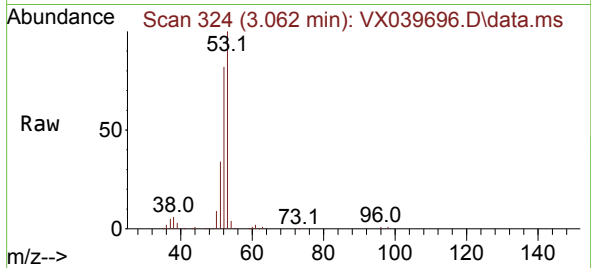




#15  
Acrylonitrile  
Concen: 99.602 ug/l  
RT: 3.062 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

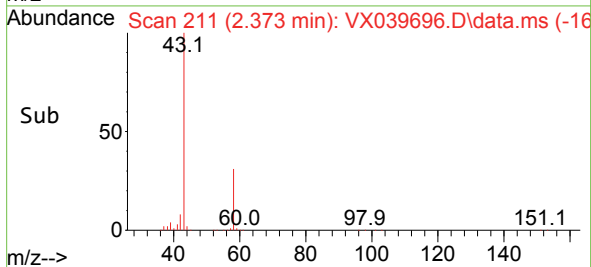
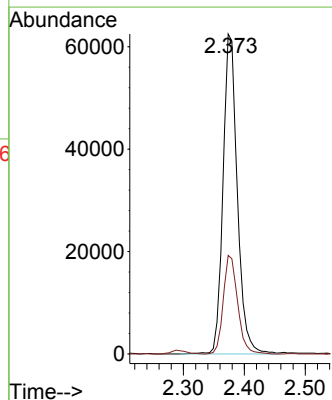
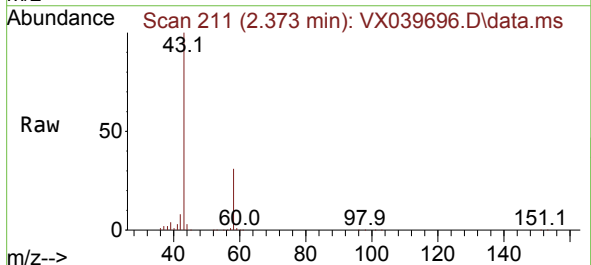
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

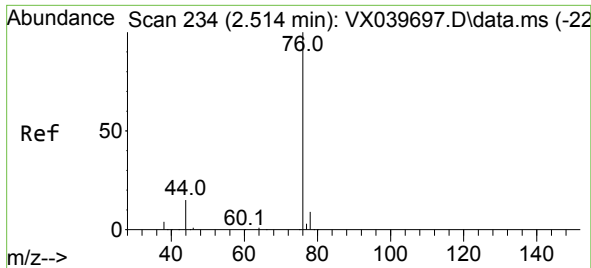
Tgt Ion: 53 Resp: 97114  
Ion Ratio Lower Upper  
53 100  
52 84.1 66.0 99.0  
51 36.5 29.8 44.6



#16  
Acetone  
Concen: 100.074 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 43 Resp: 102054  
Ion Ratio Lower Upper  
43 100  
58 30.8 21.9 32.9

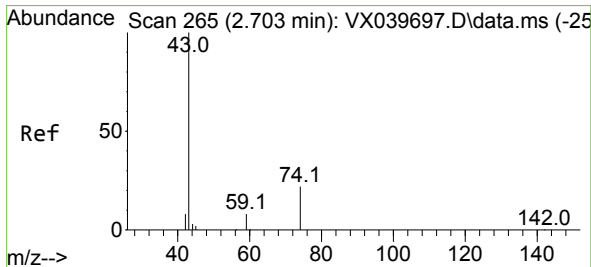
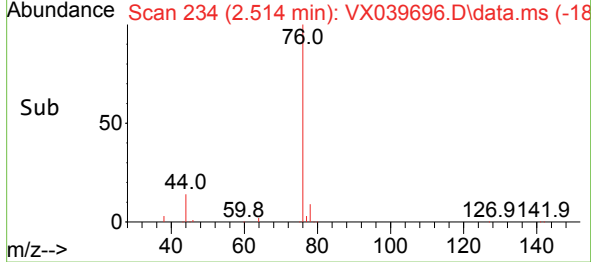
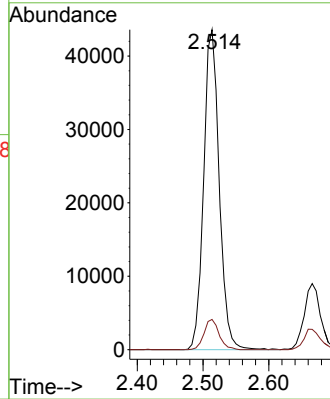
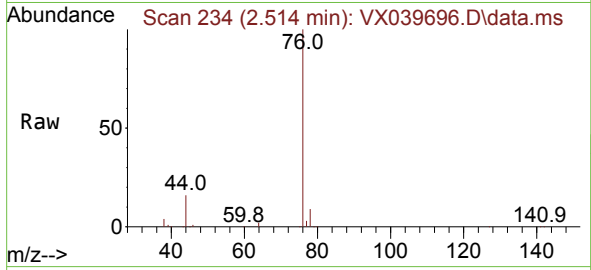




#17  
Carbon Disulfide  
Concen: 19.110 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

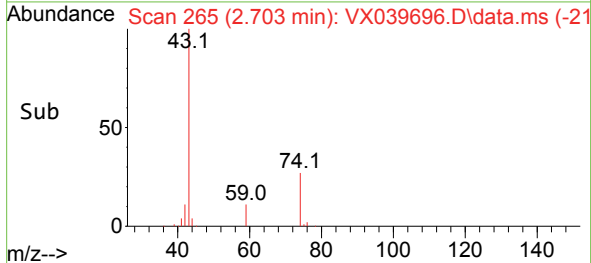
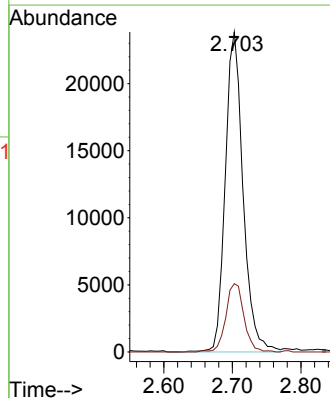
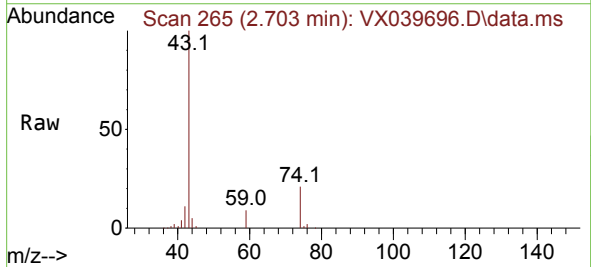
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

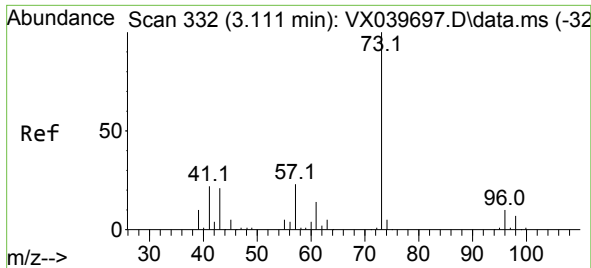
Tgt Ion: 76 Resp: 71558  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.0 10.6



#18  
Methyl Acetate  
Concen: 20.097 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 43 Resp: 42878  
Ion Ratio Lower Upper  
43 100  
74 21.8 17.8 26.8

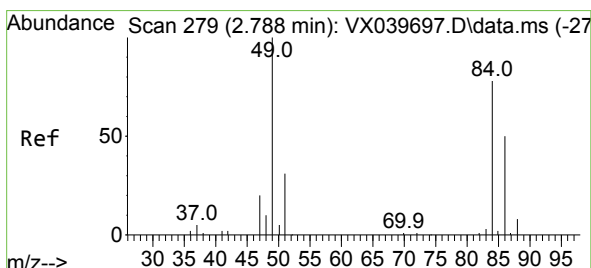
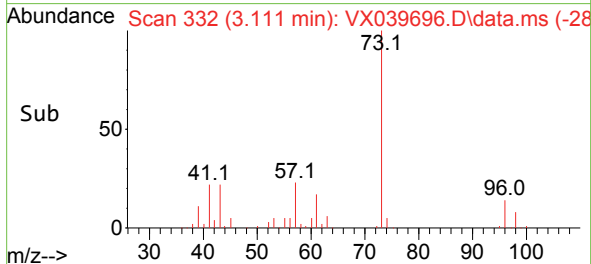
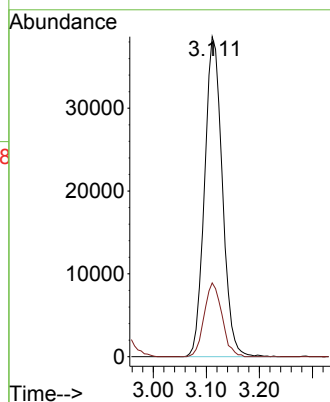
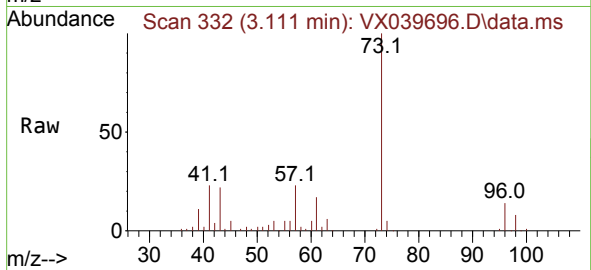




#19  
Methyl tert-butyl Ether  
Concen: 19.407 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

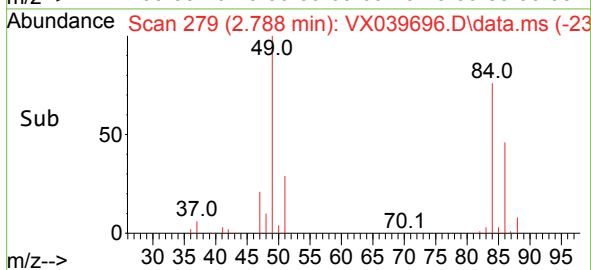
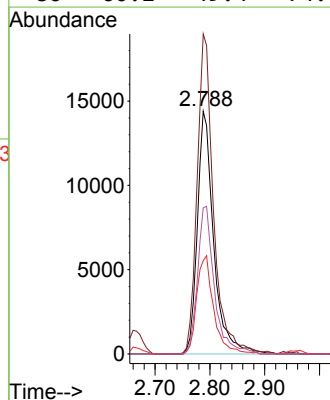
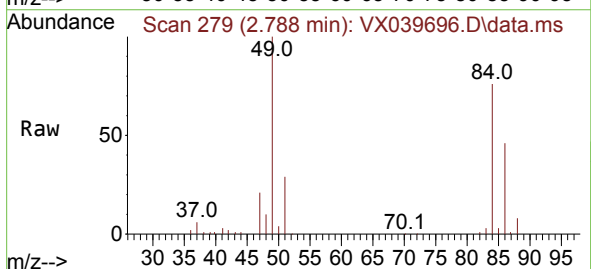
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

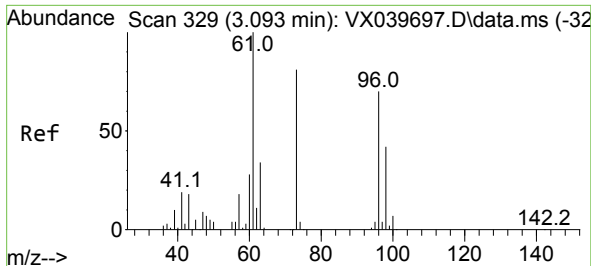
Tgt Ion: 73 Resp: 89765  
Ion Ratio Lower Upper  
73 100  
57 23.1 17.3 25.9



#20  
Methylene Chloride  
Concen: 19.377 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 84 Resp: 29890  
Ion Ratio Lower Upper  
84 100  
49 131.9 103.6 155.4  
51 38.4 33.8 50.6  
86 60.2 49.4 74.0

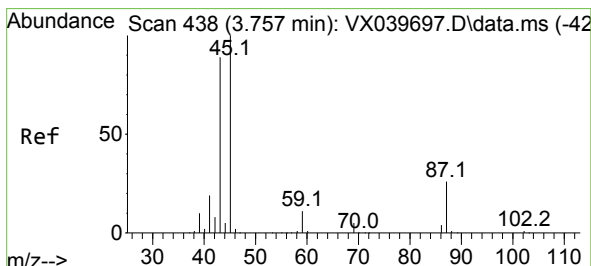
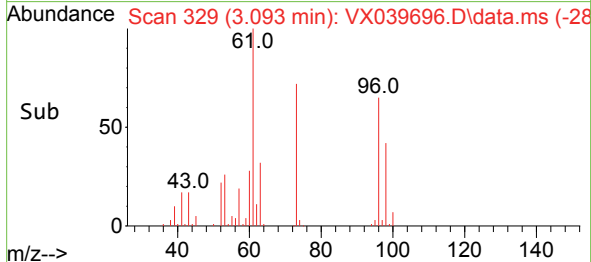
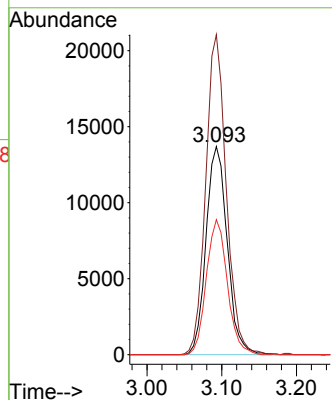
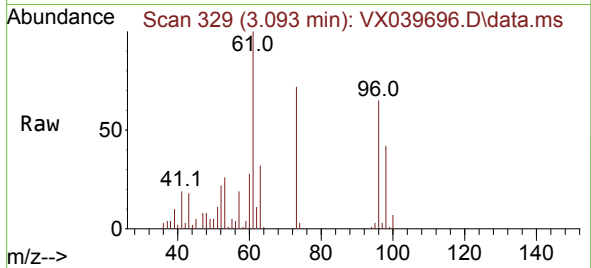




#21  
trans-1,2-Dichloroethene  
Concen: 19.693 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

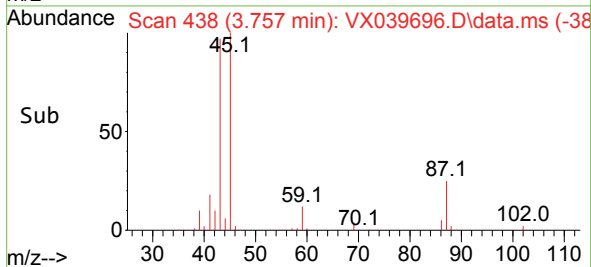
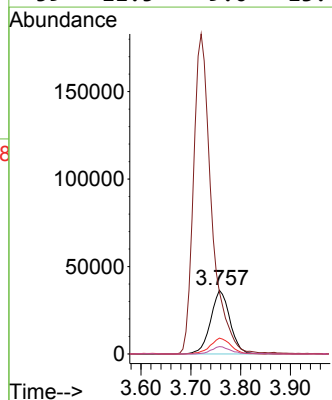
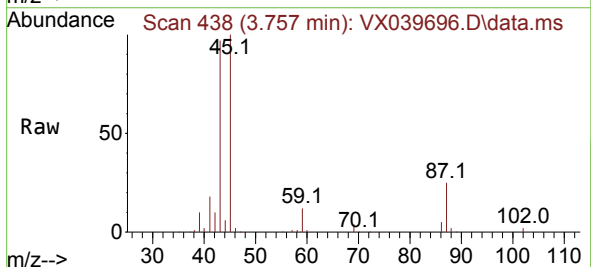
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

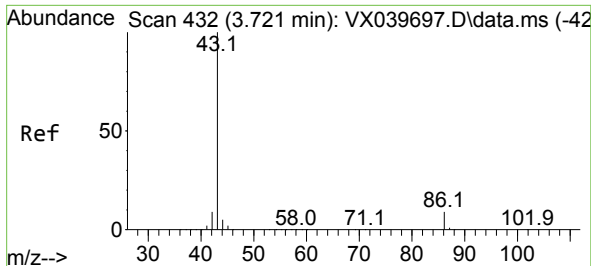
Tgt Ion: 96 Resp: 27000  
Ion Ratio Lower Upper  
96 100  
61 153.7 119.2 178.8  
98 64.9 48.7 73.1



#22  
Diisopropyl ether  
Concen: 19.964 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 45 Resp: 97691  
Ion Ratio Lower Upper  
45 100  
43 95.9 69.7 104.5  
87 25.0 20.8 31.2  
59 11.5 9.0 13.4

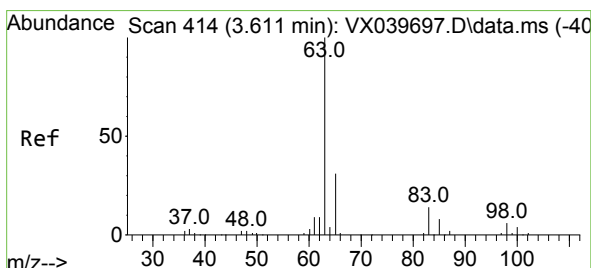
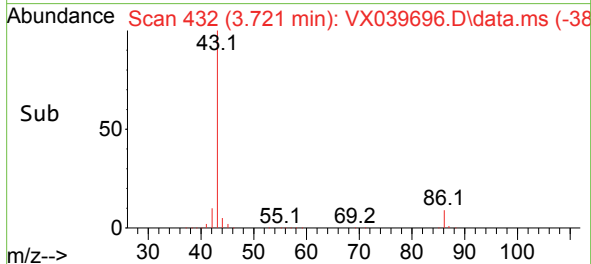
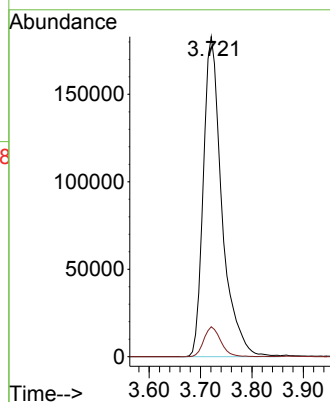
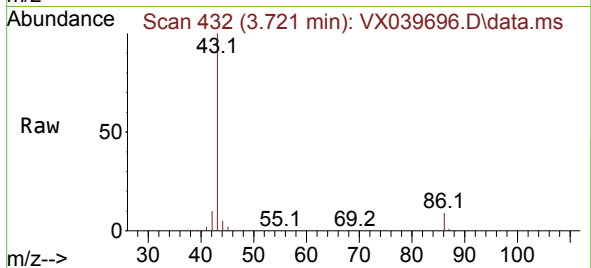




#23  
 Vinyl Acetate  
 Concen: 101.163 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX039696.D  
 Acq: 10 Jan 2024 11:35

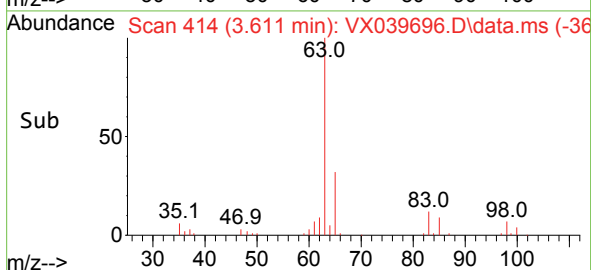
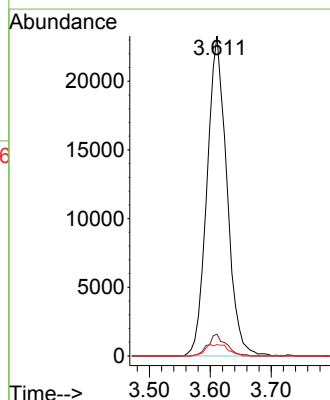
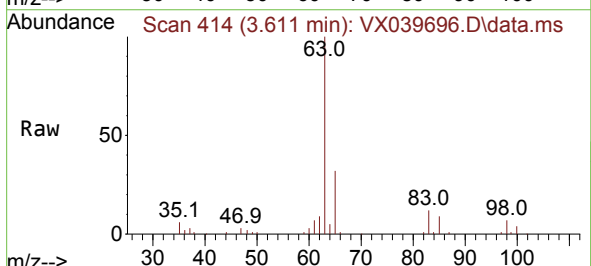
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

Tgt Ion: 43 Resp: 460160  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 7.8 11.8

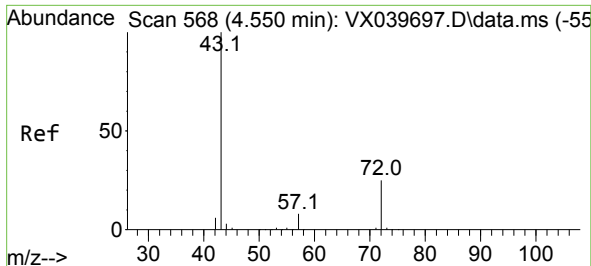


#24  
 1,1-Dichloroethane  
 Concen: 19.567 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX039696.D  
 Acq: 10 Jan 2024 11:35

Tgt Ion: 63 Resp: 52676  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.3 9.8  
 100 3.6 2.1 6.5



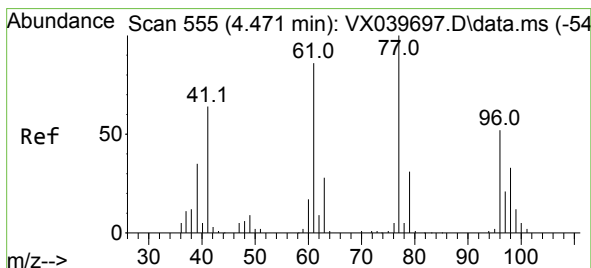
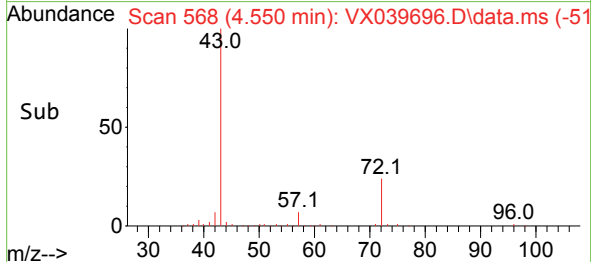
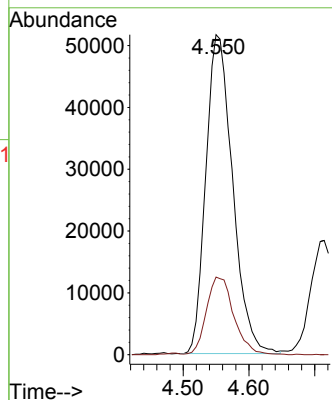
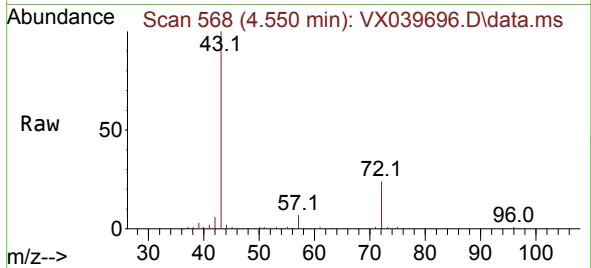




#25  
2-Butanone  
Concen: 99.739 ug/l  
RT: 4.550 min Scan# 568  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

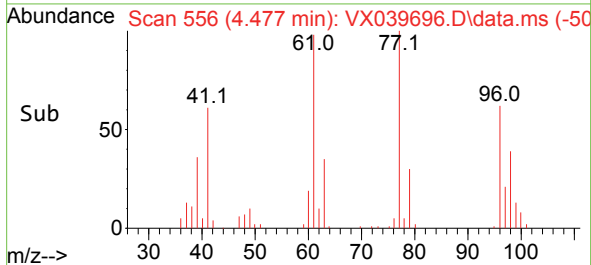
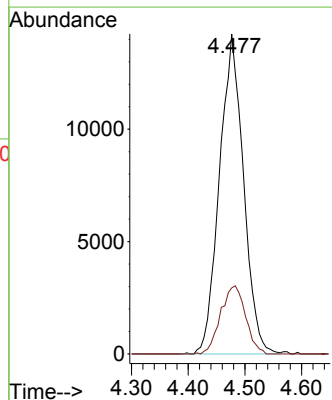
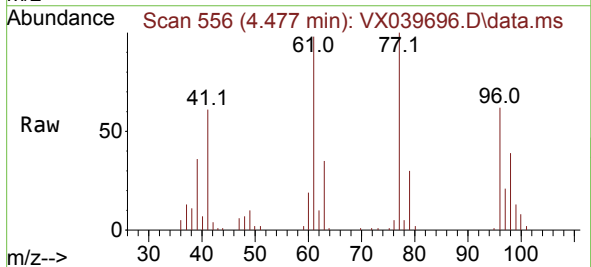
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

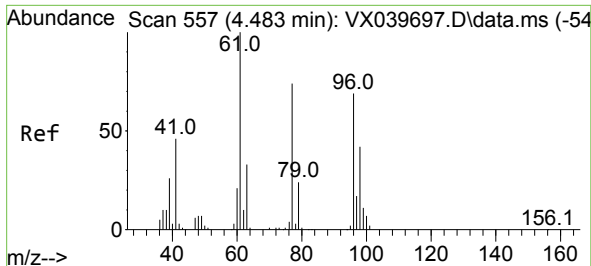
Tgt Ion: 43 Resp: 146168  
Ion Ratio Lower Upper  
43 100  
72 24.1 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 19.375 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.006 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 77 Resp: 41863  
Ion Ratio Lower Upper  
77 100  
97 22.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.821 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

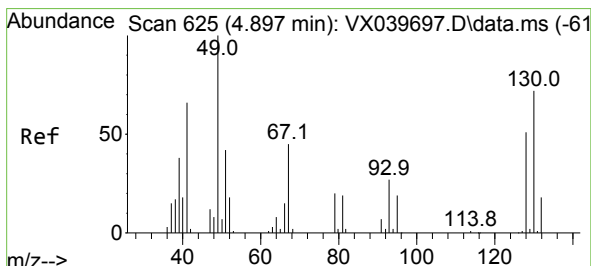
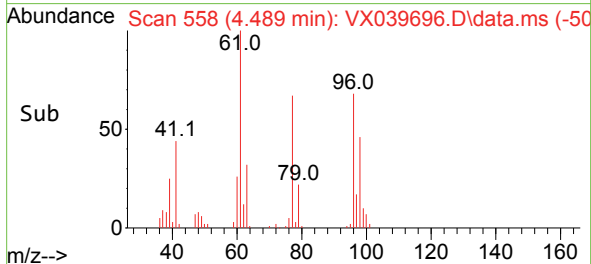
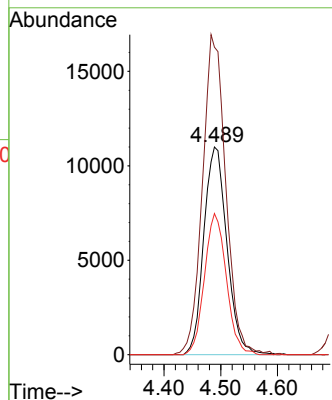
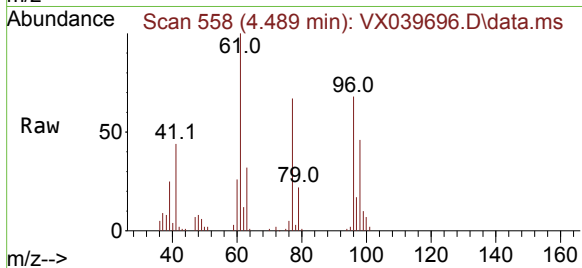
Tgt Ion: 96 Resp: 31169

Ion Ratio Lower Upper

96 100

61 155.6 0.0 312.2

98 64.3 0.0 129.0



#28

Bromochloromethane

Concen: 19.059 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

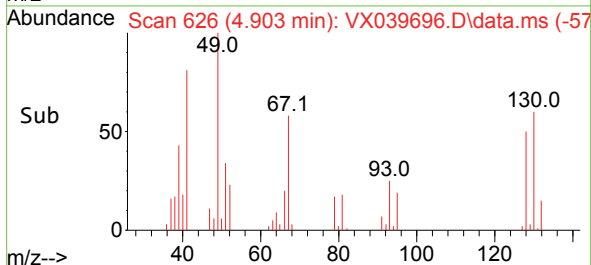
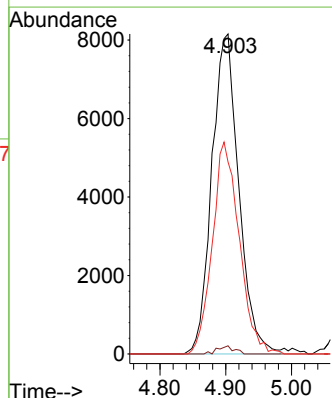
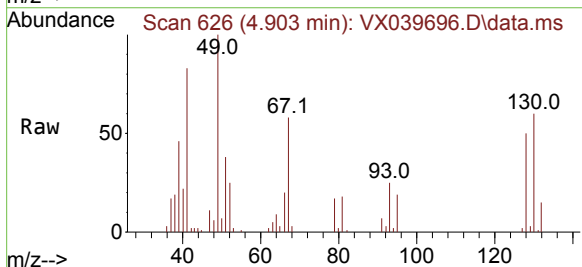
Tgt Ion: 49 Resp: 23258

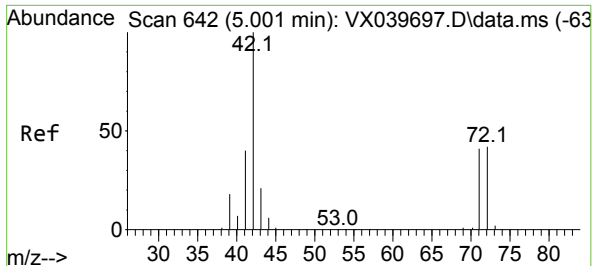
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 66.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 99.639 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

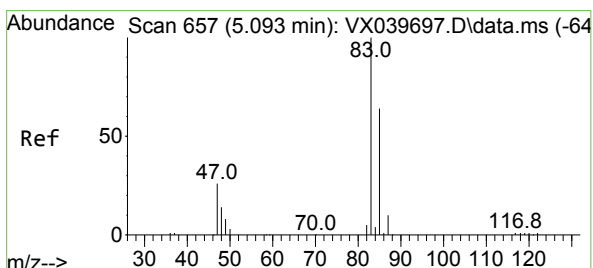
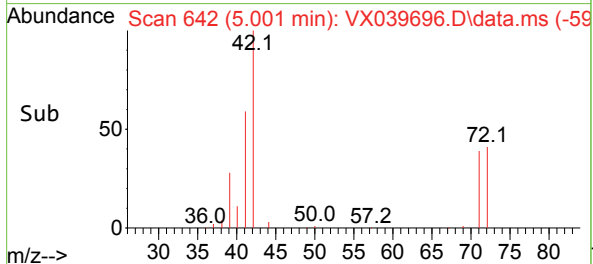
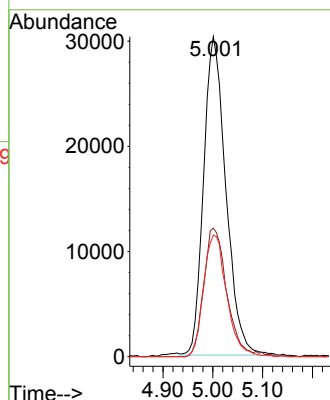
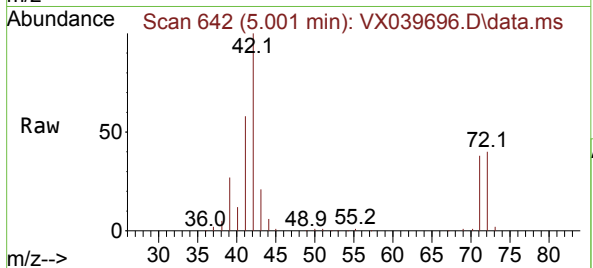
Tgt Ion: 42 Resp: 93986

Ion Ratio Lower Upper

42 100

72 42.4 34.2 51.4

71 39.5 32.2 48.2



#30

Chloroform

Concen: 19.592 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX039696.D

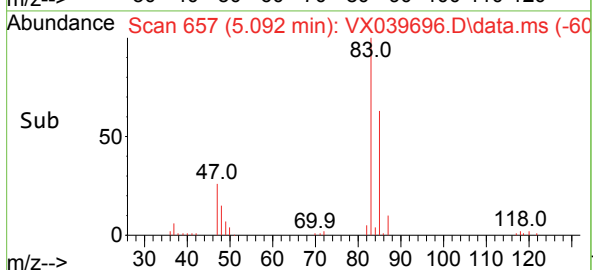
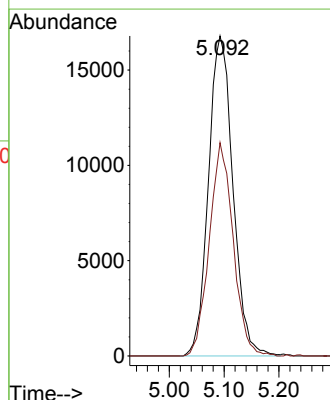
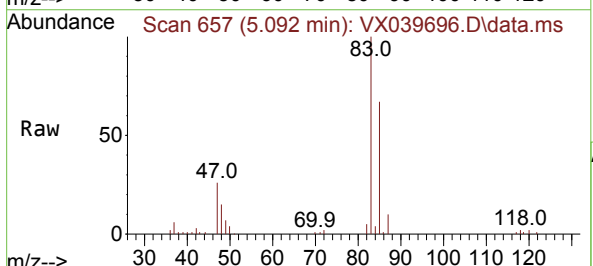
Acq: 10 Jan 2024 11:35

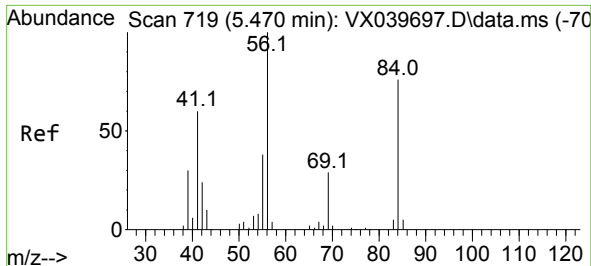
Tgt Ion: 83 Resp: 52067

Ion Ratio Lower Upper

83 100

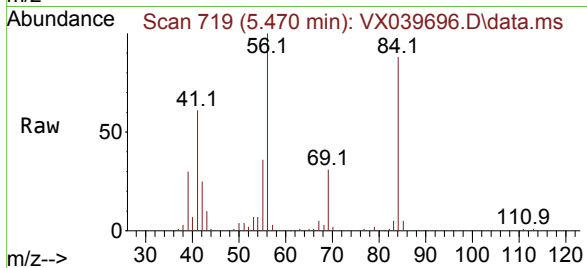
85 66.6 50.3 75.5



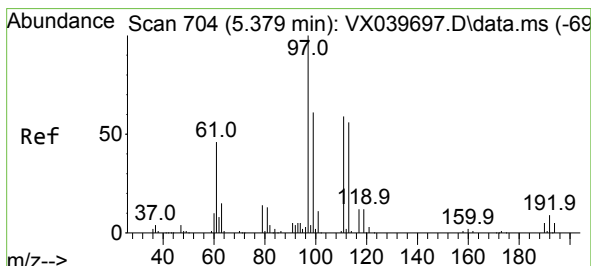
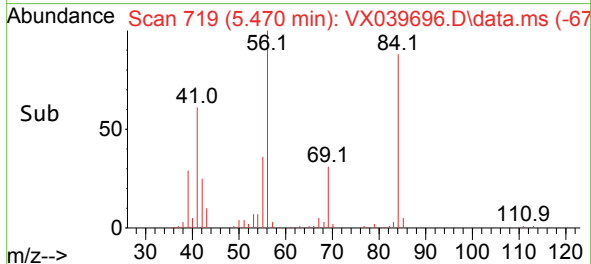
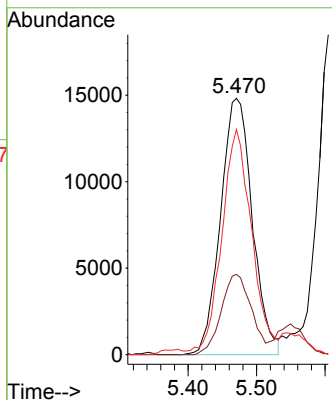


#31  
Cyclohexane  
Concen: 19.953 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

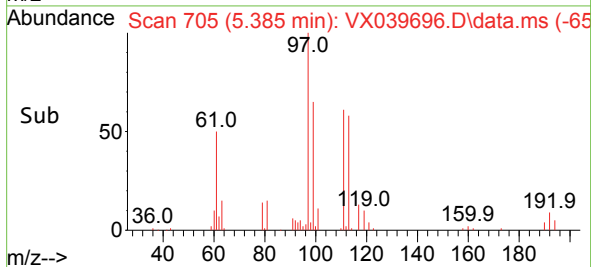
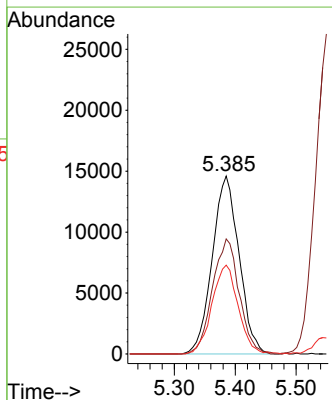
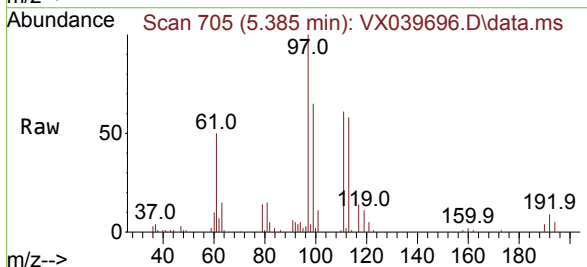


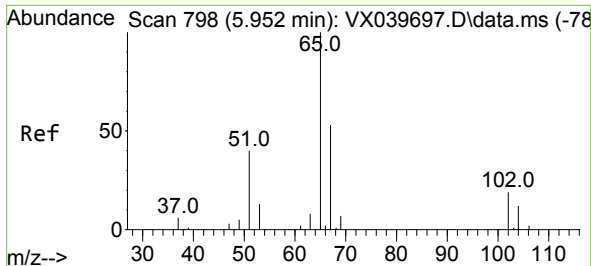
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 47750 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 31.3  | 23.4  | 35.2  |
| 84       | 85.7  | 65.9  | 98.9  |



#32  
1,1,1-Trichloroethane  
Concen: 19.583 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 44554 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 64.0  | 51.1  | 76.7  |
| 61       | 49.1  | 36.4  | 54.6  |

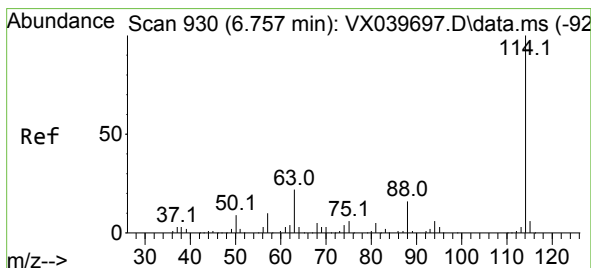
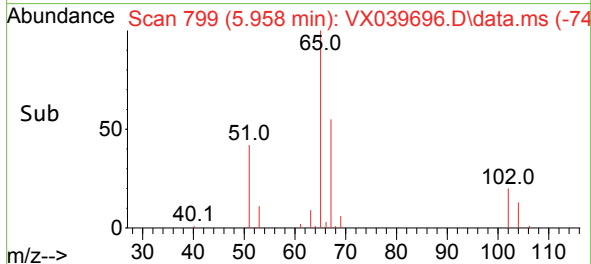
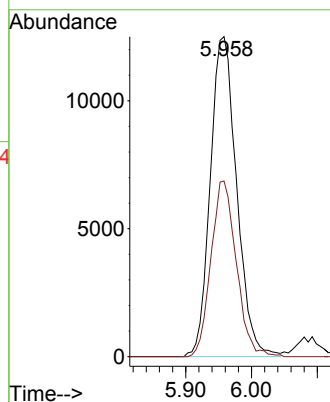
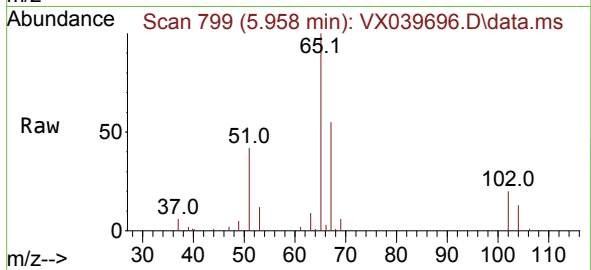




#33  
1,2-Dichloroethane-d4  
Concen: 19.238 ug/l  
RT: 5.958 min Scan# 798  
Delta R.T. 0.006 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

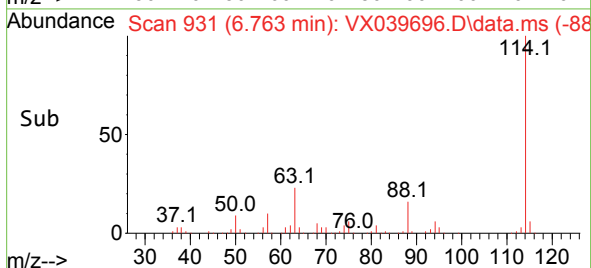
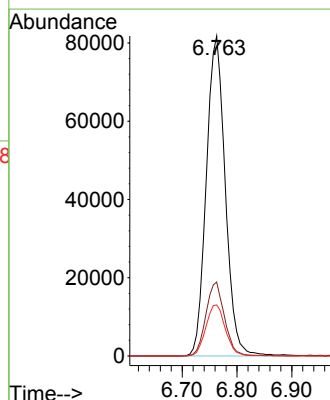
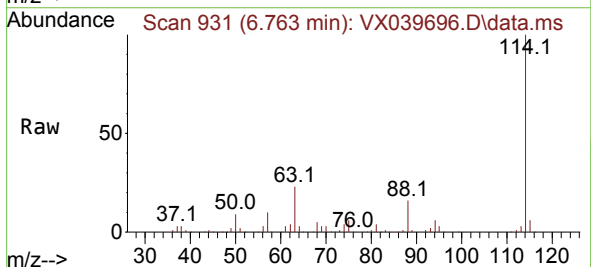
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

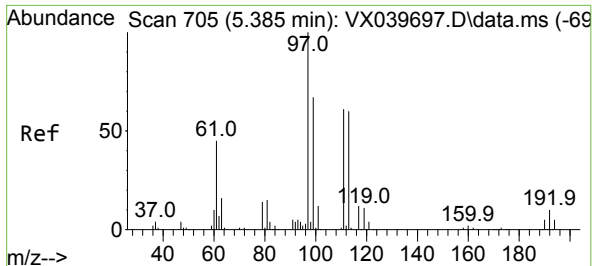
Tgt Ion: 65 Resp: 34884  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. 0.006 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 114 Resp: 195875  
Ion Ratio Lower Upper  
114 100  
63 23.1 0.0 45.0  
88 16.0 0.0 36.6

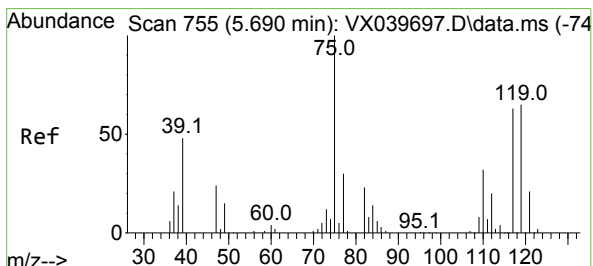
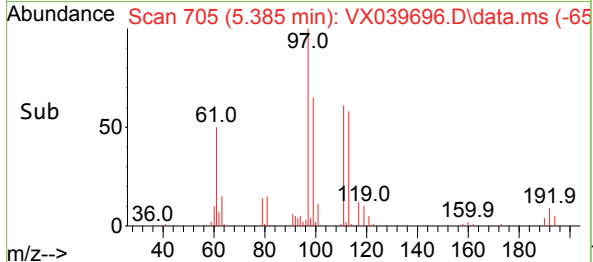
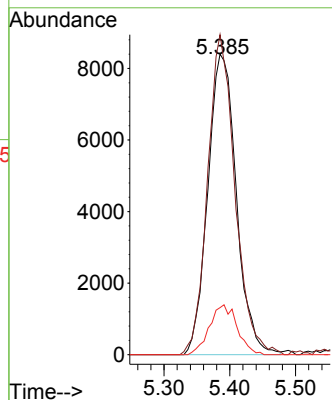
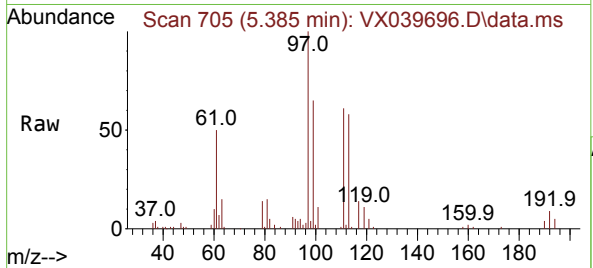




#35  
Dibromofluoromethane  
Concen: 19.221 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

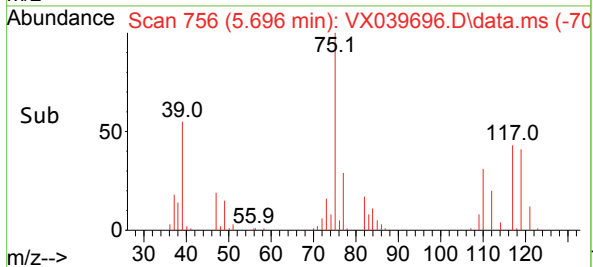
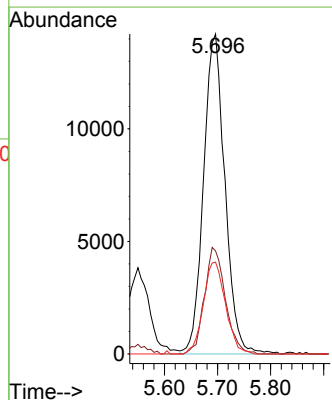
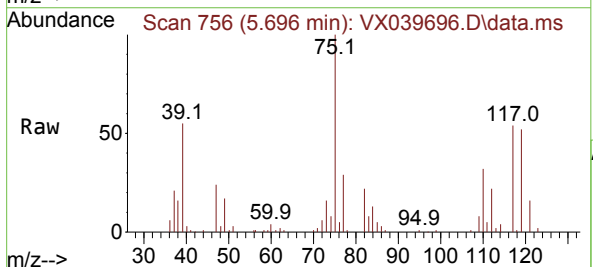
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

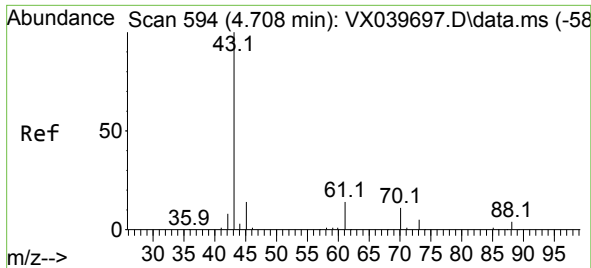
Tgt Ion:113 Resp: 25358  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.9 124.3  
192 16.1 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 19.418 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 75 Resp: 39877  
Ion Ratio Lower Upper  
75 100  
110 32.5 17.0 50.9  
77 29.7 24.7 37.1

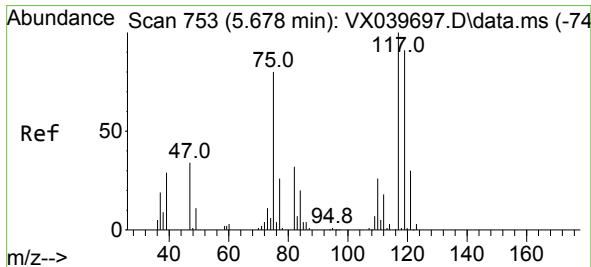
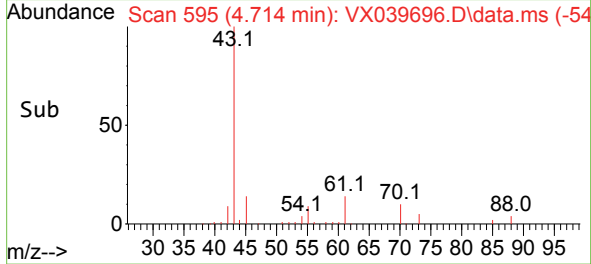
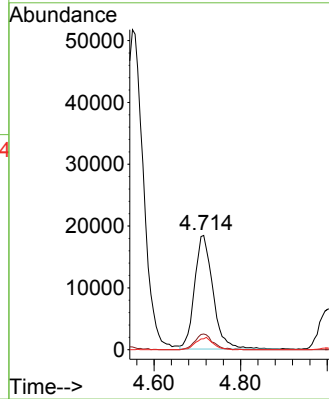
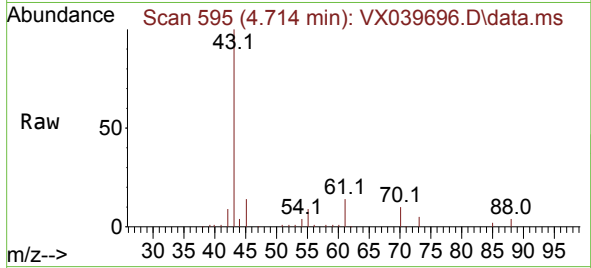




#37  
Ethyl Acetate  
Concen: 19.799 ug/l  
RT: 4.714 min Scan# 595  
Delta R.T. 0.006 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

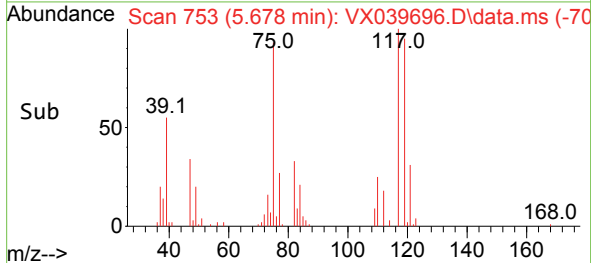
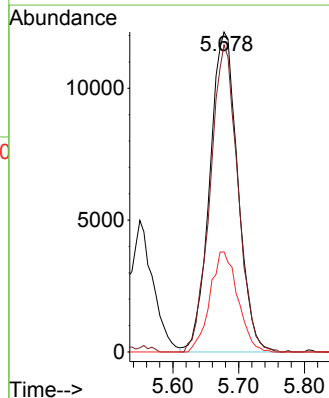
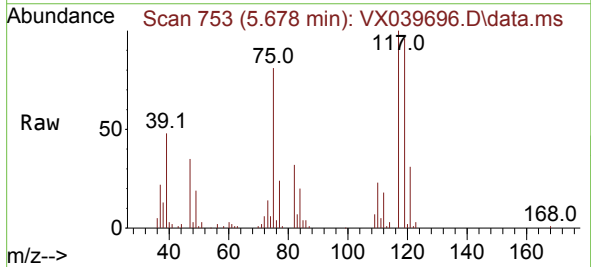
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

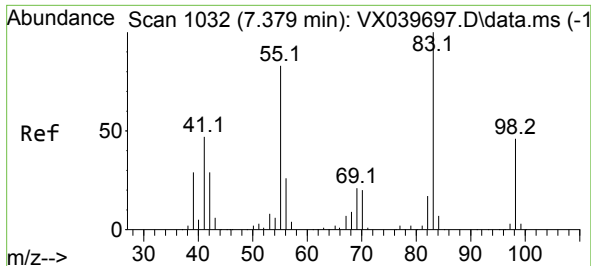
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 54241 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 13.4     | 10.6 16.0   |
| 70 10.1     | 8.3 12.5    |



#38  
Carbon Tetrachloride  
Concen: 19.109 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

|              |             |
|--------------|-------------|
| Tgt Ion: 117 | Resp: 35941 |
| Ion Ratio    | Lower Upper |
| 117 100      |             |
| 119 95.9     | 78.2 117.2  |
| 121 31.3     | 24.4 36.6   |





#39

Methylcyclohexane

Concen: 19.448 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

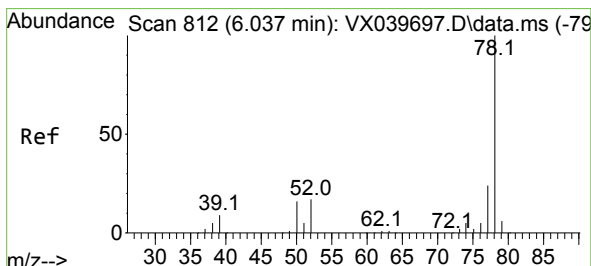
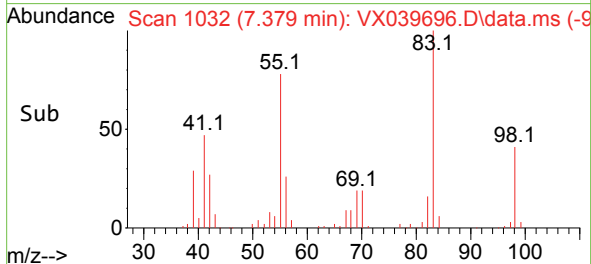
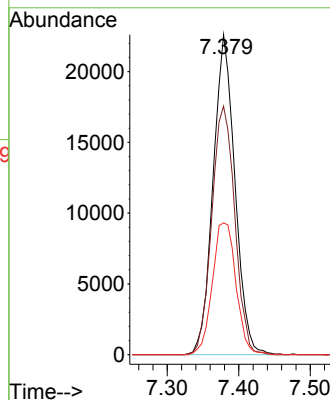
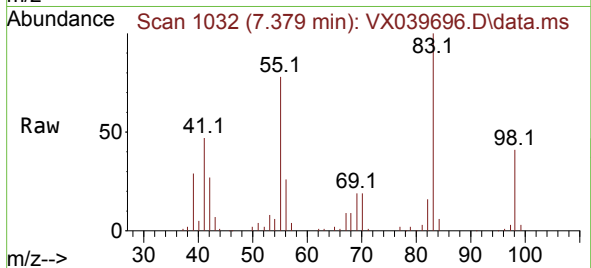
Tgt Ion: 83 Resp: 47957

Ion Ratio Lower Upper

83 100

55 77.7 64.6 97.0

98 41.2 36.7 55.1



#40

Benzene

Concen: 19.882 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX039696.D

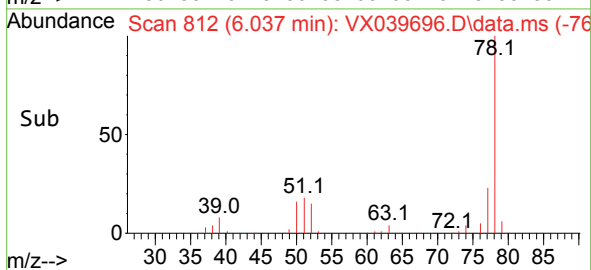
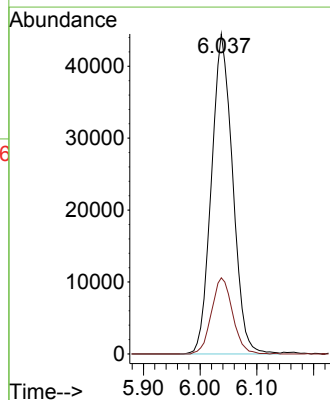
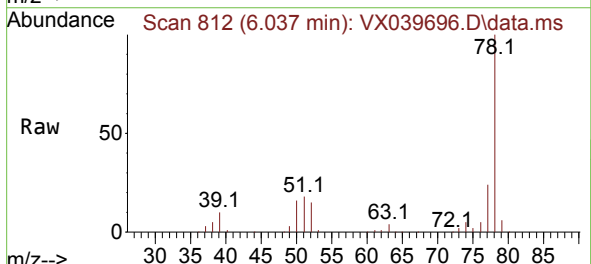
Acq: 10 Jan 2024 11:35

Tgt Ion: 78 Resp: 115611

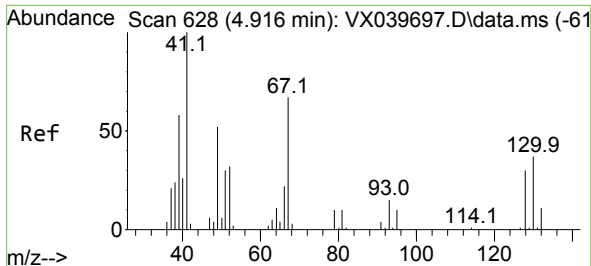
Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9



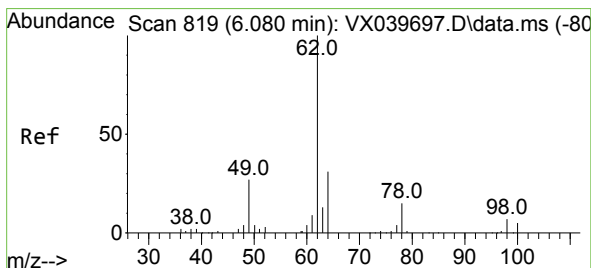
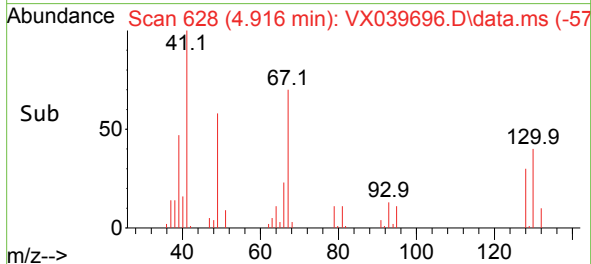
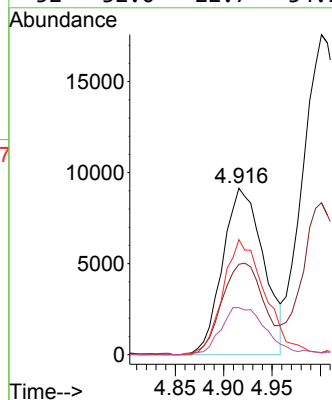
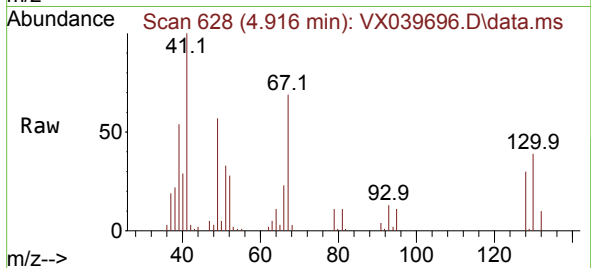




#41  
Methacrylonitrile  
Concen: 20.132 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

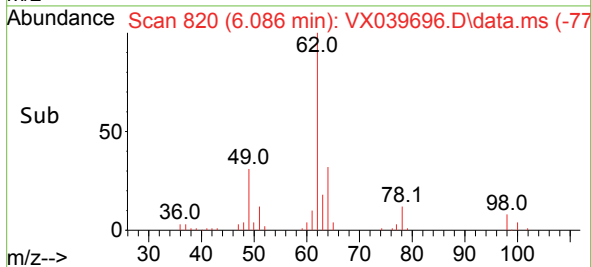
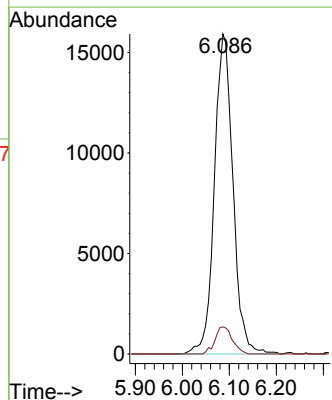
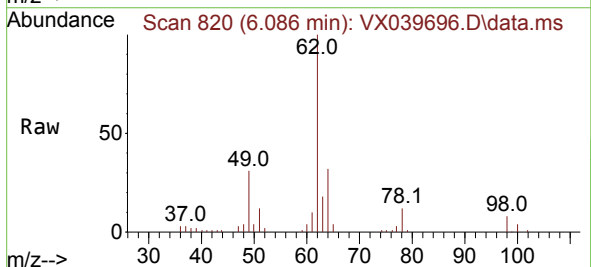
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

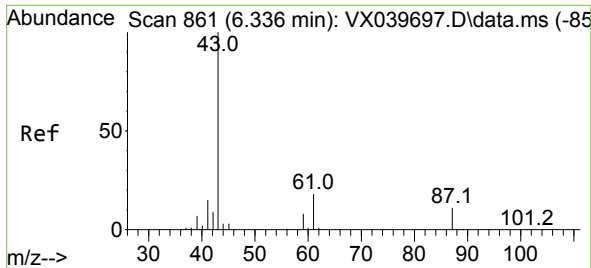
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 26971 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.0  | 45.2  | 67.8  |
| 67       | 71.1  | 52.6  | 78.8  |
| 52       | 32.0  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 19.761 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 43686 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.9   | 0.0   | 16.0  |

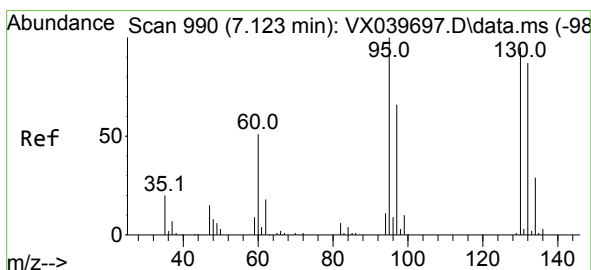
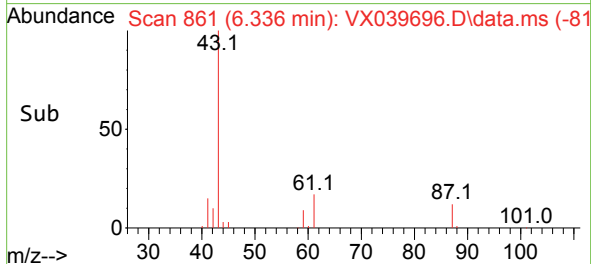
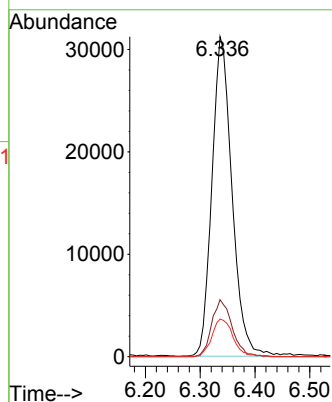
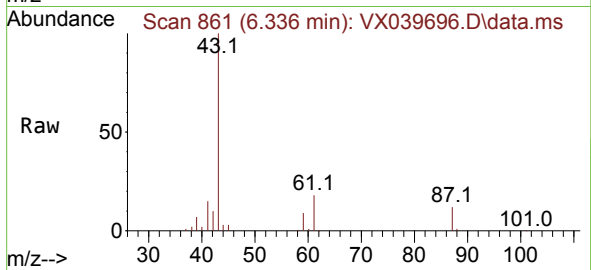




#43  
Isopropyl Acetate  
Concen: 19.717 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

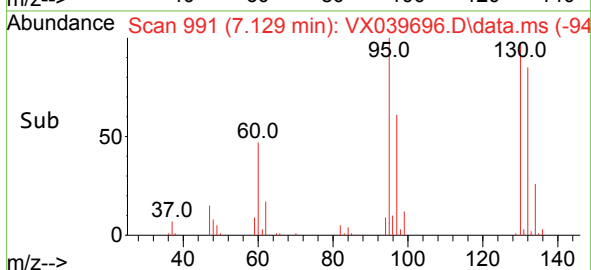
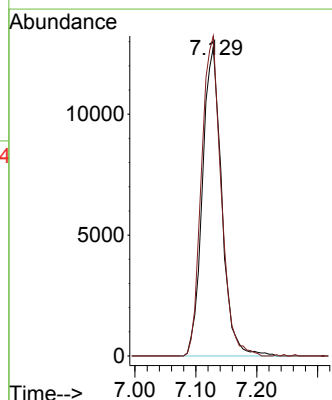
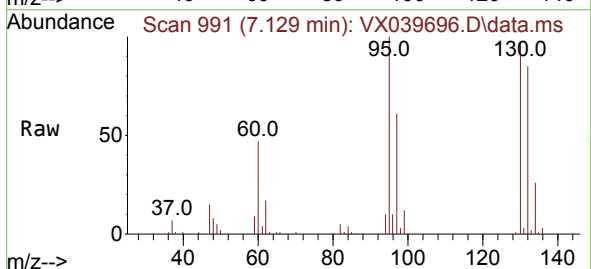
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

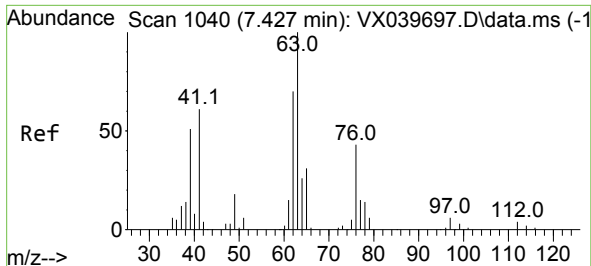
Tgt Ion: 43 Resp: 79241  
Ion Ratio Lower Upper  
43 100  
61 18.1 15.2 22.8  
87 12.5 9.8 14.6



#44  
Trichloroethene  
Concen: 19.728 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion:130 Resp: 28115  
Ion Ratio Lower Upper  
130 100  
95 103.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 19.628 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

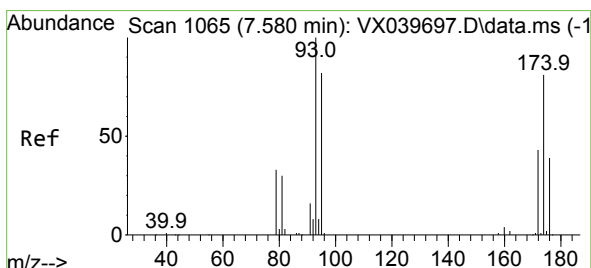
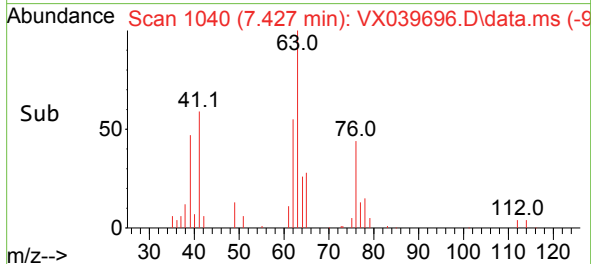
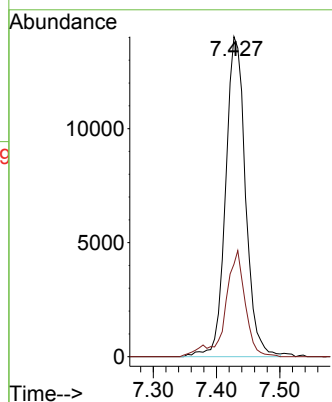
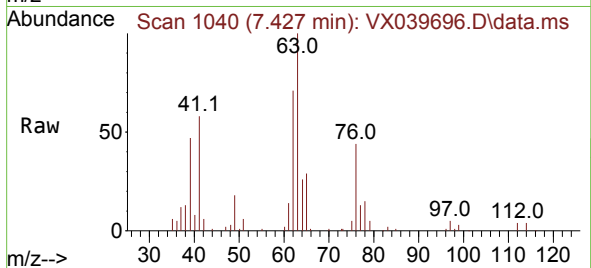
VSTDICC020

Tgt Ion: 63 Resp: 30617

Ion Ratio Lower Upper

63 100

65 28.9 24.3 36.5



#46

Dibromomethane

Concen: 19.756 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

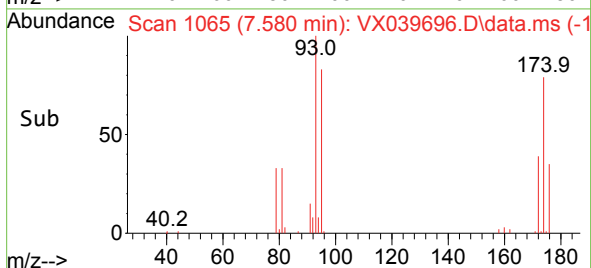
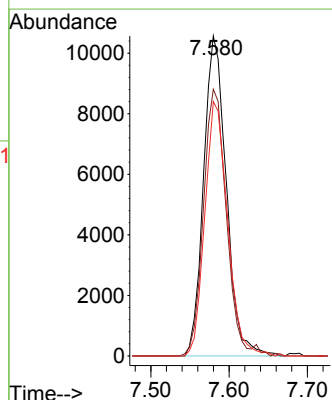
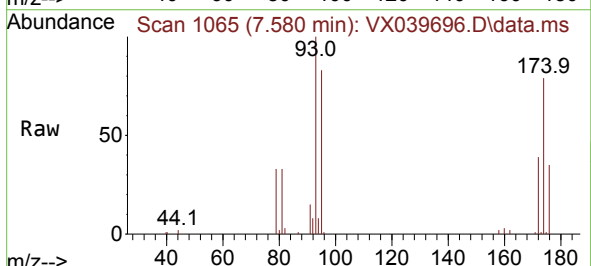
Tgt Ion: 93 Resp: 21286

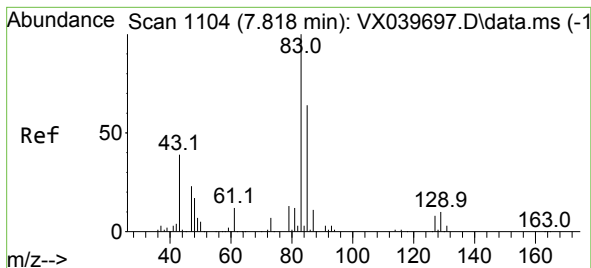
Ion Ratio Lower Upper

93 100

95 84.1 66.6 100.0

174 80.1 69.4 104.0





#47

Bromodichloromethane

Concen: 19.467 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

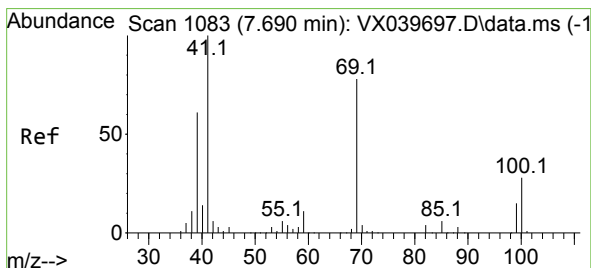
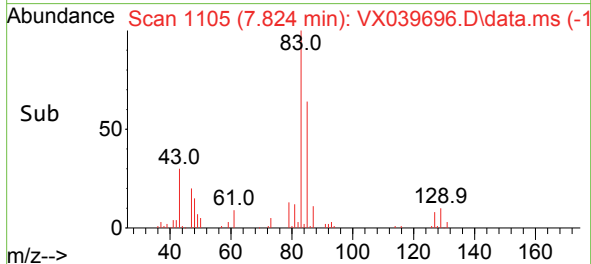
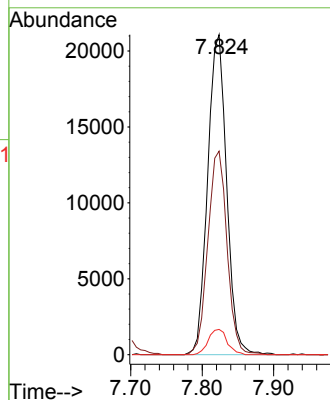
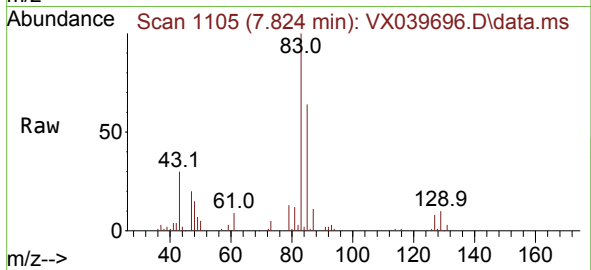
Tgt Ion: 83 Resp: 38846

Ion Ratio Lower Upper

83 100

85 63.6 49.8 74.6

127 7.9 7.1 10.7



#48

Methyl methacrylate

Concen: 19.992 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

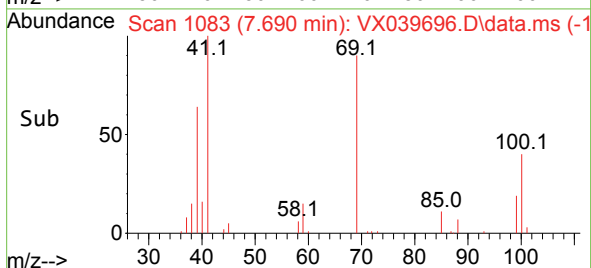
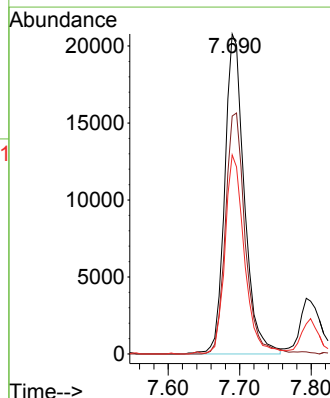
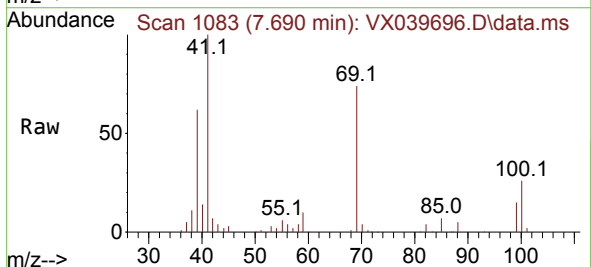
Tgt Ion: 41 Resp: 39492

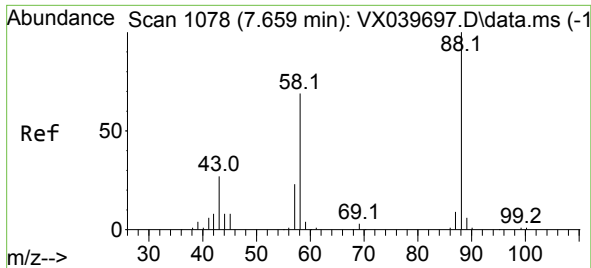
Ion Ratio Lower Upper

41 100

69 76.2 59.2 88.8

39 61.0 47.7 71.5

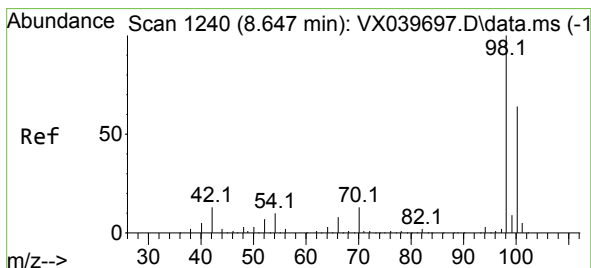
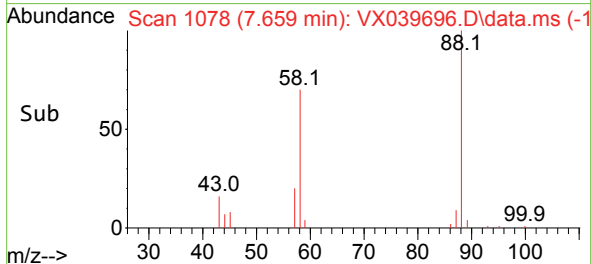
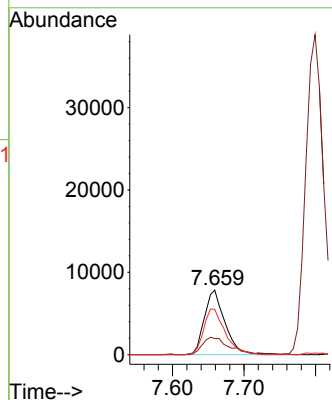
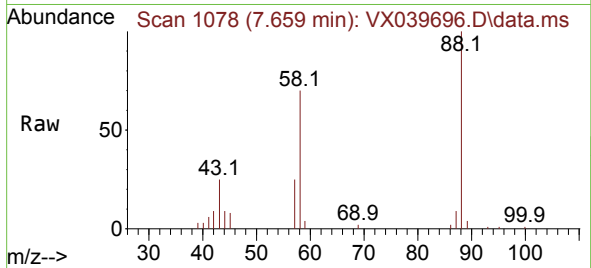




#49  
1,4-Dioxane  
Concen: 410.455 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

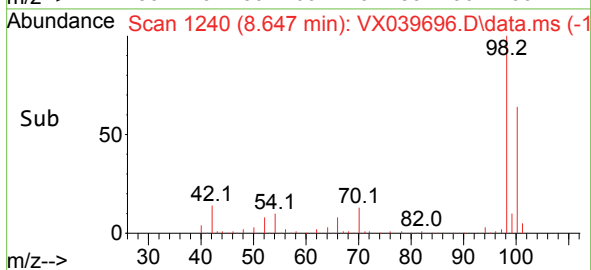
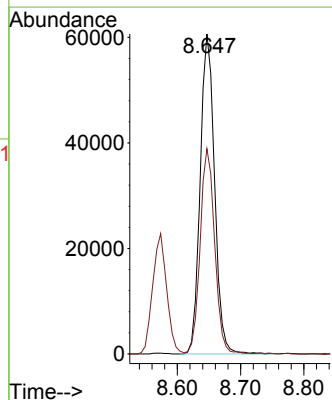
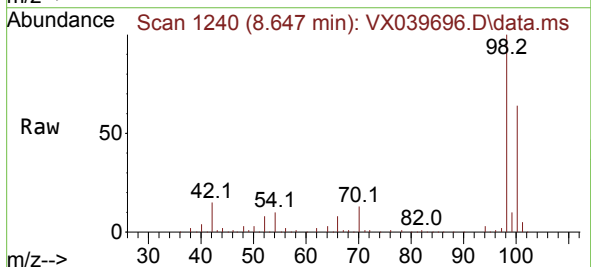
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

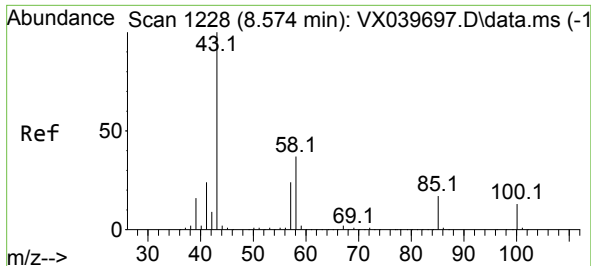
Tgt Ion: 88 Resp: 15689  
Ion Ratio Lower Upper  
88 100  
43 35.7 0.0 0.0#  
58 73.2 60.1 90.1



#50  
Toluene-d8  
Concen: 19.335 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 98 Resp: 96210  
Ion Ratio Lower Upper  
98 100  
100 64.4 53.1 79.7

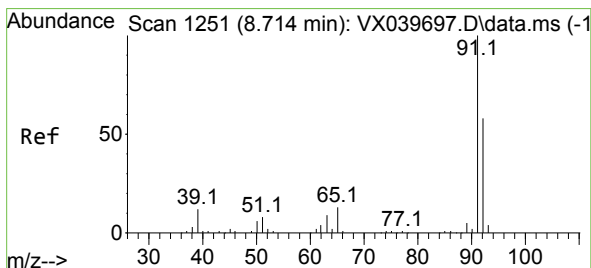
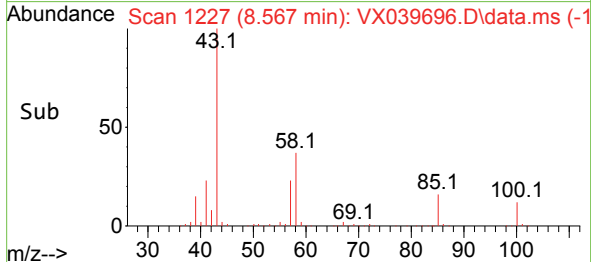
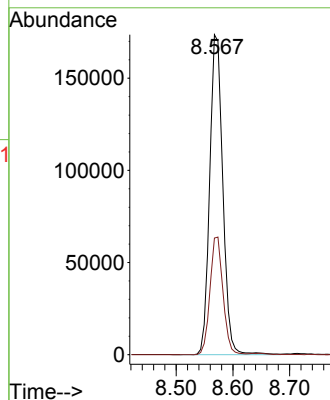
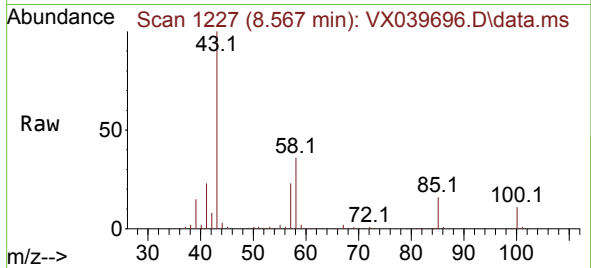




#51  
4-Methyl-2-Pentanone  
Concen: 100.756 ug/l  
RT: 8.567 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

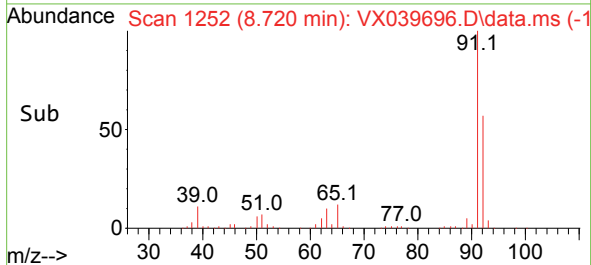
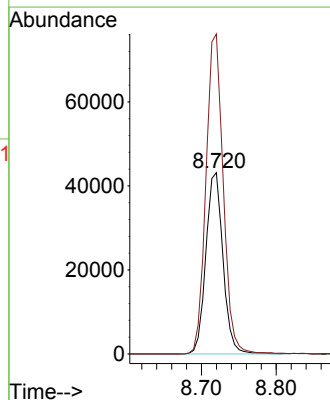
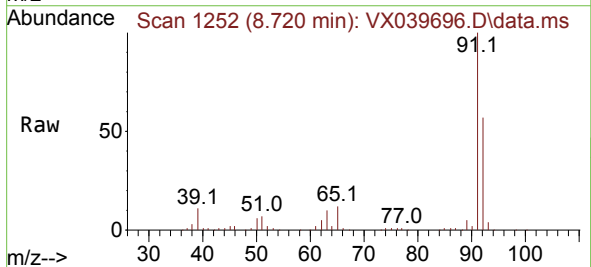
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

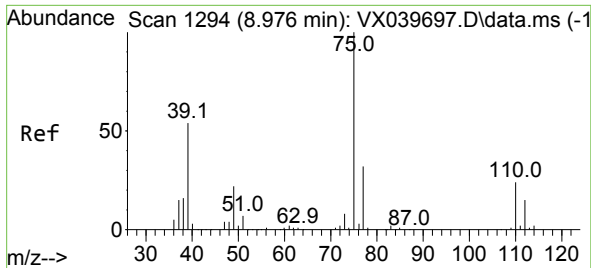
Tgt Ion: 43 Resp: 278877  
Ion Ratio Lower Upper  
43 100  
58 36.4 30.4 45.6



#52  
Toluene  
Concen: 19.751 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 92 Resp: 68598  
Ion Ratio Lower Upper  
92 100  
91 178.4 134.2 201.2

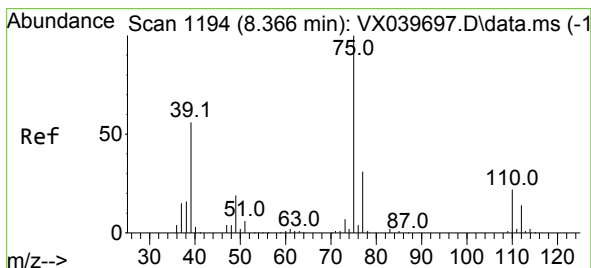
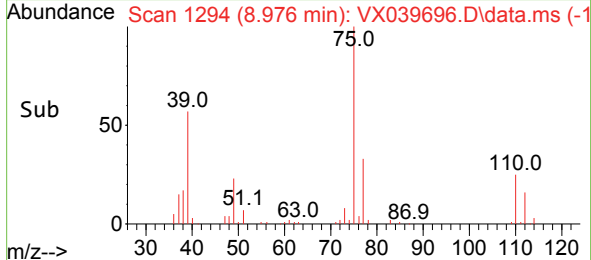
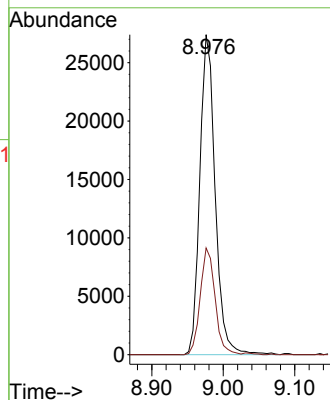
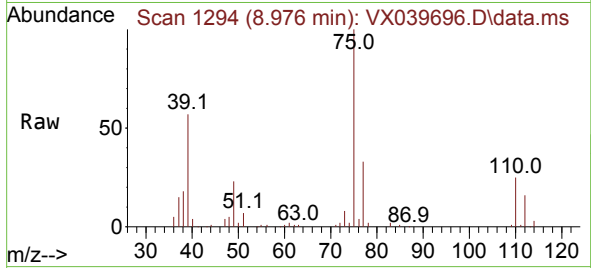




#53  
 t-1,3-Dichloropropene  
 Concen: 19.274 ug/l  
 RT: 8.976 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX039696.D  
 Acq: 10 Jan 2024 11:35

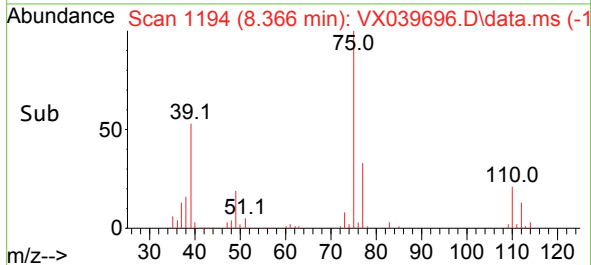
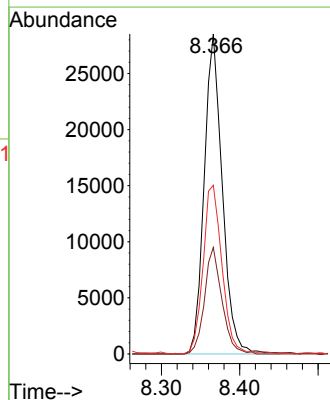
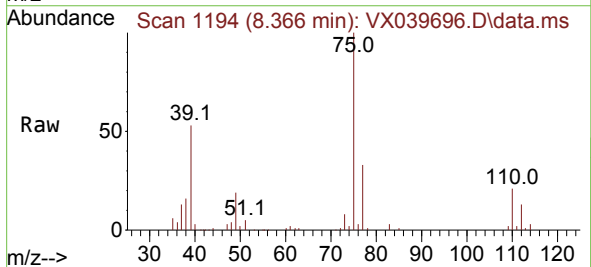
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

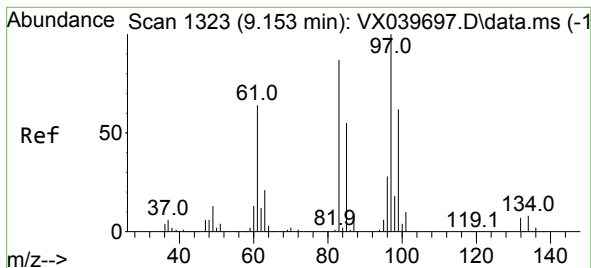
Tgt Ion: 75 Resp: 40811  
 Ion Ratio Lower Upper  
 75 100  
 77 33.3 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.656 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX039696.D  
 Acq: 10 Jan 2024 11:35

Tgt Ion: 75 Resp: 45763  
 Ion Ratio Lower Upper  
 75 100  
 77 33.3 25.3 37.9  
 39 52.7 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 20.078 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 29690

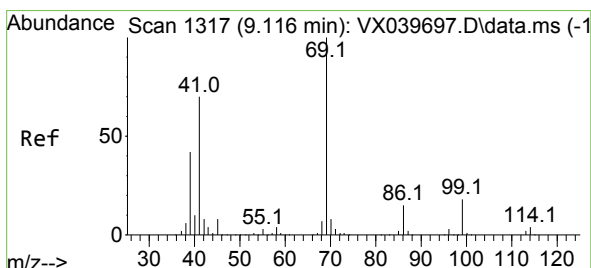
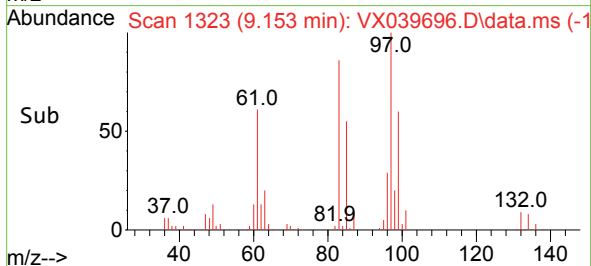
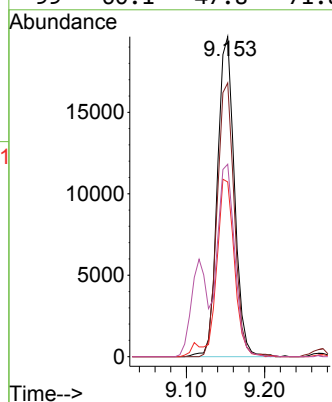
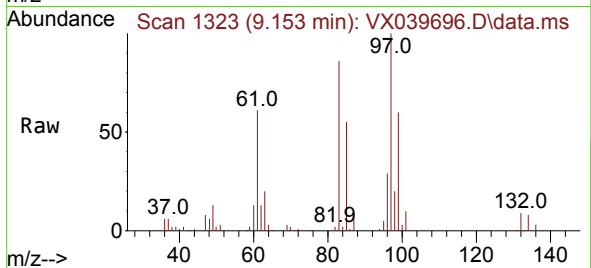
Ion Ratio Lower Upper

97 100

83 85.5 65.8 98.8

85 54.6 41.6 62.4

99 60.1 47.8 71.8



#56

Ethyl methacrylate

Concen: 20.002 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

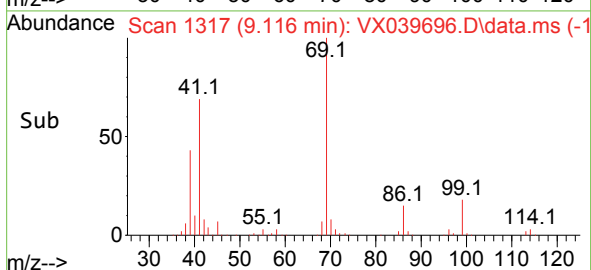
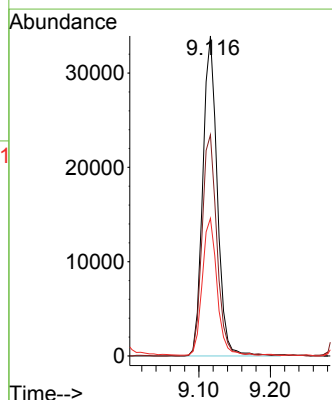
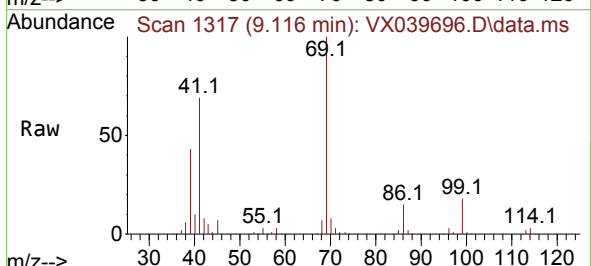
Tgt Ion: 69 Resp: 47871

Ion Ratio Lower Upper

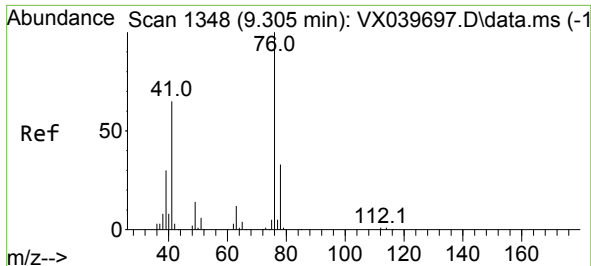
69 100

41 71.1 56.8 85.2

39 43.4 32.0 48.0







#57

1,3-Dichloropropane

Concen: 20.004 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

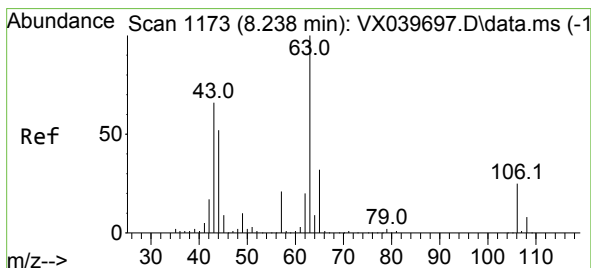
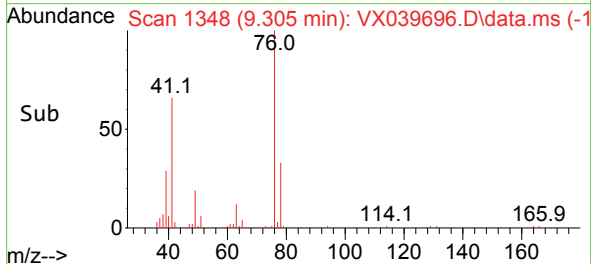
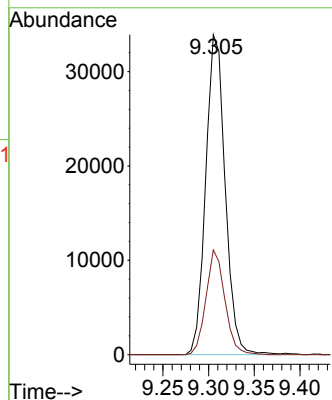
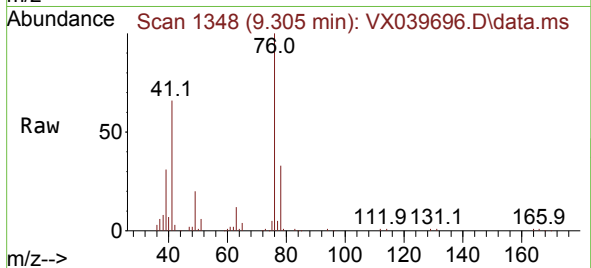
VSTDICC020

Tgt Ion: 76 Resp: 50129

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 101.969 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX039696.D

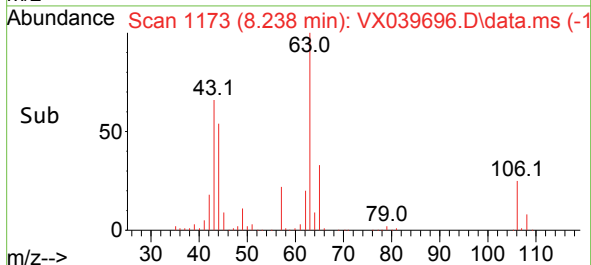
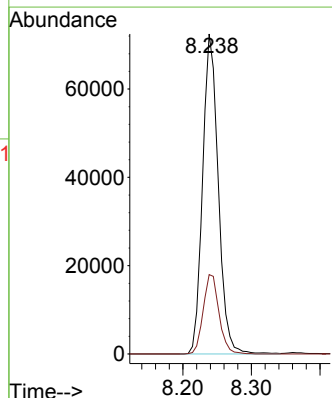
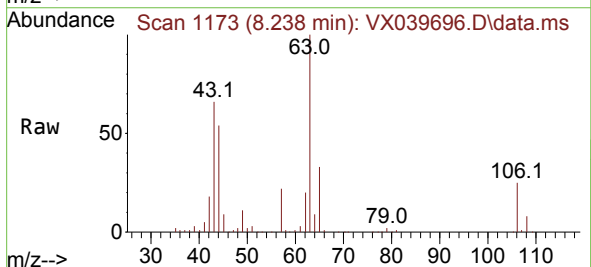
Acq: 10 Jan 2024 11:35

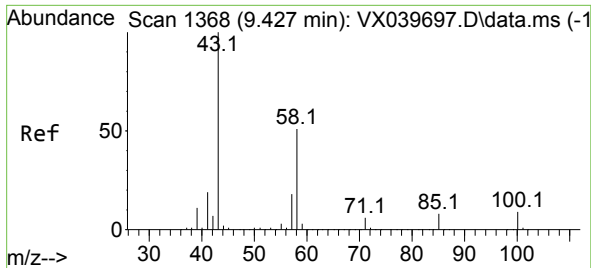
Tgt Ion: 63 Resp: 115353

Ion Ratio Lower Upper

63 100

106 25.0 22.5 33.7

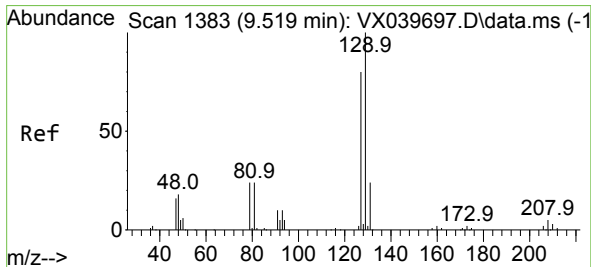
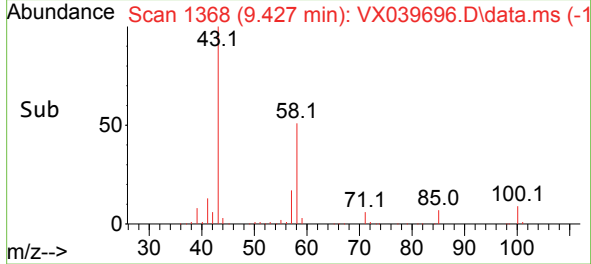
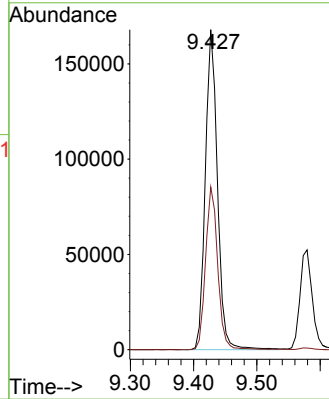
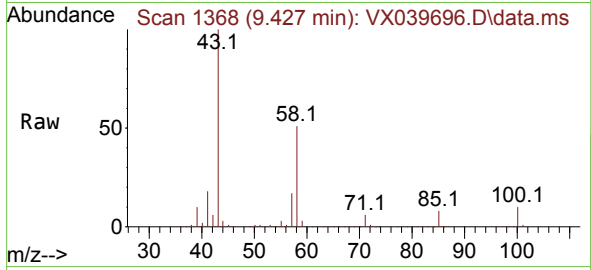




#59  
2-Hexanone  
Concen: 102.379 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

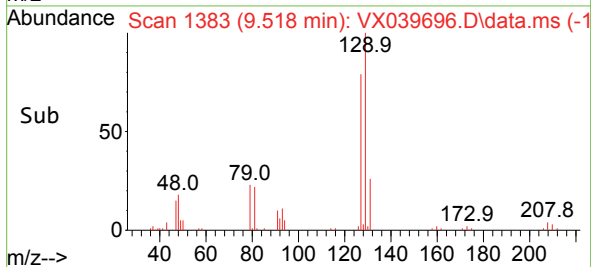
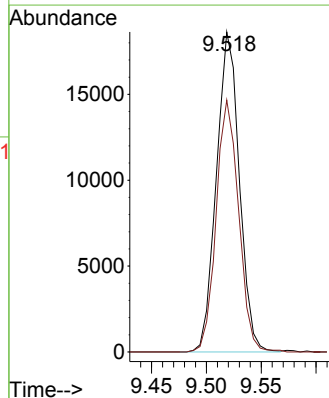
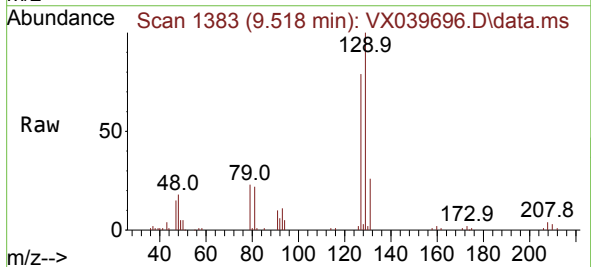
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

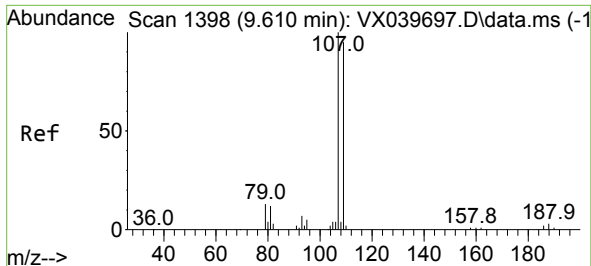
Tgt Ion: 43 Resp: 224270  
Ion Ratio Lower Upper  
43 100  
58 51.0 26.2 78.5



#60  
Dibromochloromethane  
Concen: 19.464 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion:129 Resp: 27143  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.8 116.4

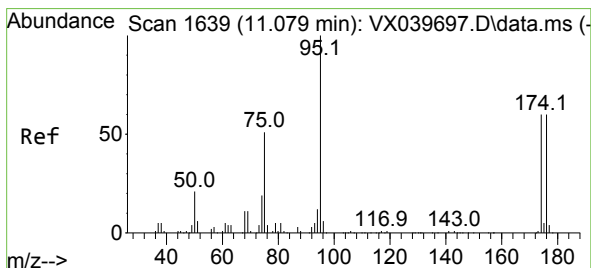
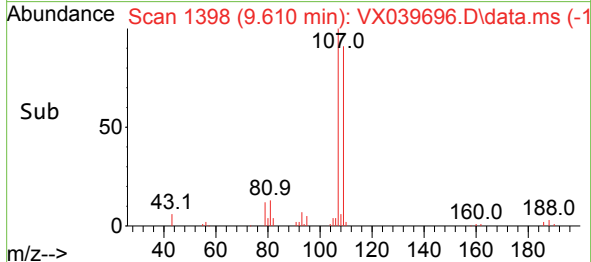
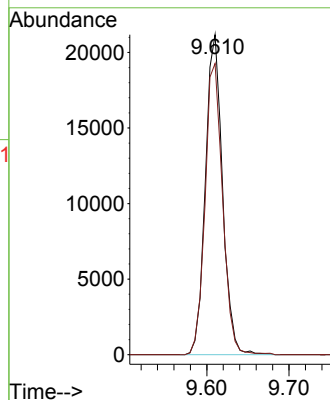
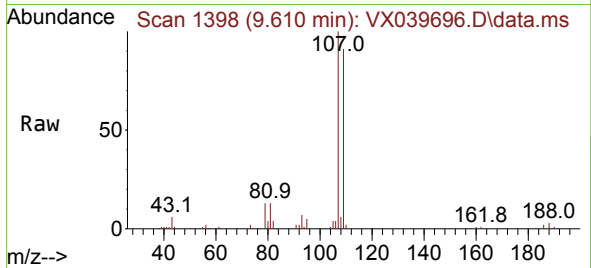




#61  
1,2-Dibromoethane  
Concen: 19.974 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

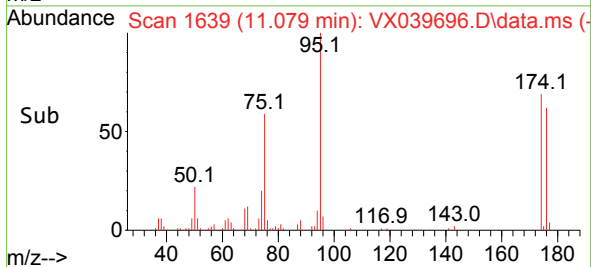
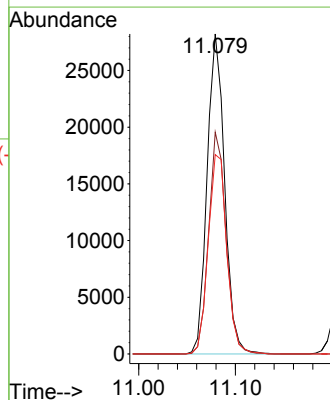
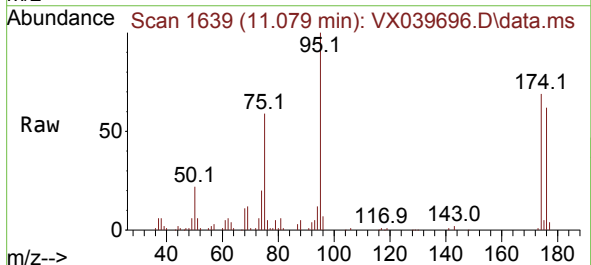
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

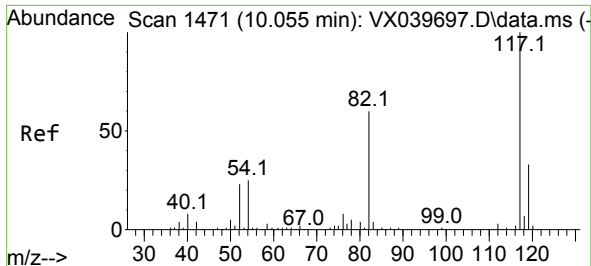
Tgt Ion:107 Resp: 30586  
Ion Ratio Lower Upper  
107 100  
109 93.5 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 18.259 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 95 Resp: 35529  
Ion Ratio Lower Upper  
95 100  
174 69.0 0.0 135.6  
176 66.3 0.0 131.0

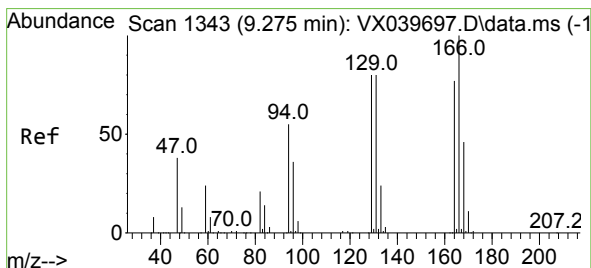
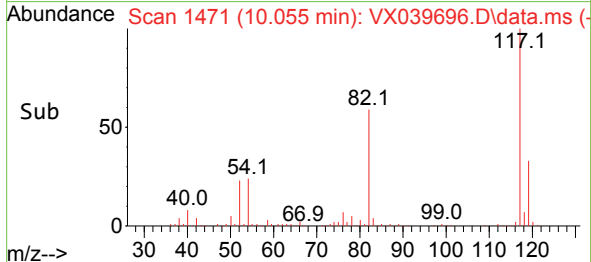
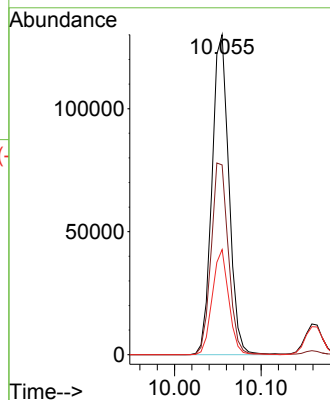
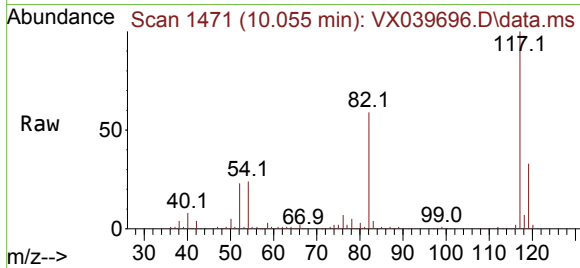




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

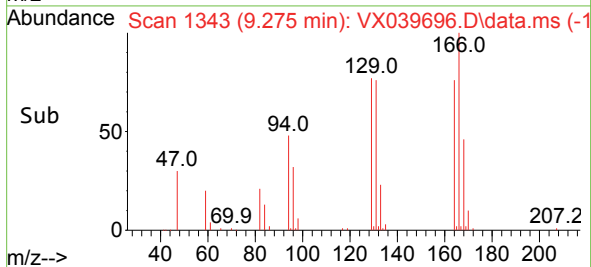
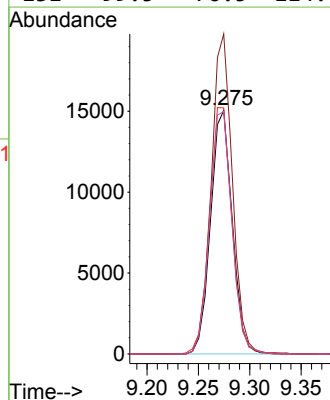
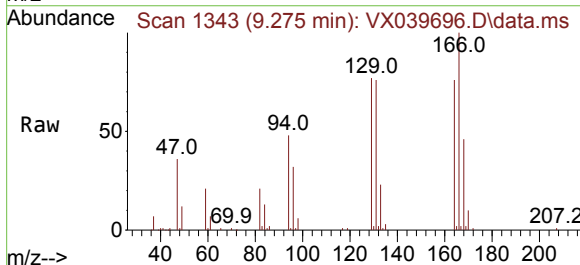
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

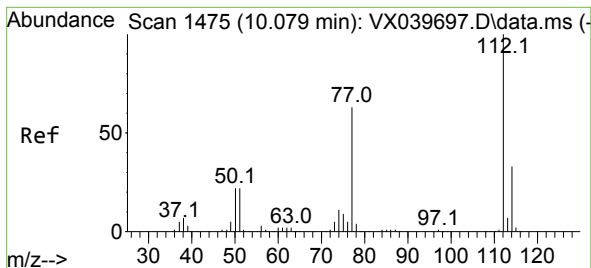
Tgt Ion:117 Resp: 176773  
Ion Ratio Lower Upper  
117 100  
82 59.3 46.2 69.4  
119 32.9 25.5 38.3



#64  
Tetrachloroethene  
Concen: 19.219 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion:164 Resp: 22093  
Ion Ratio Lower Upper  
164 100  
166 131.4 102.7 154.1  
129 101.0 80.4 120.6  
131 99.5 76.5 114.7





#65

Chlorobenzene

Concen: 19.913 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

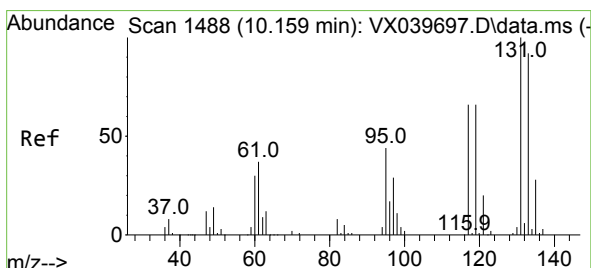
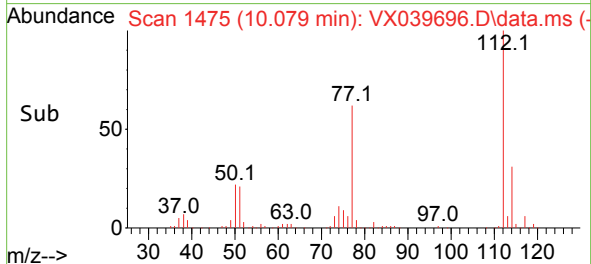
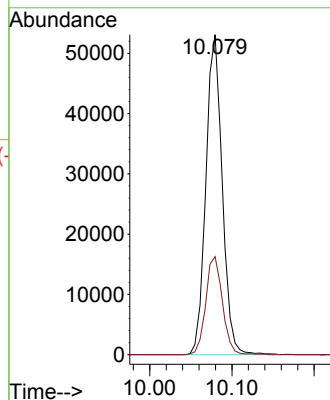
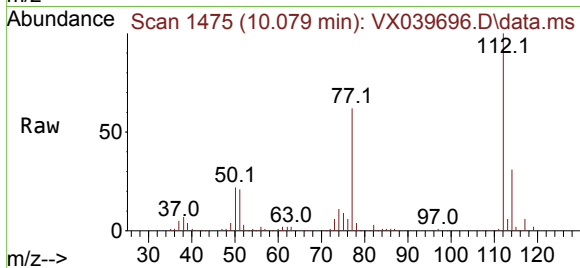
VSTDIC020

Tgt Ion:112 Resp: 73315

Ion Ratio Lower Upper

112 100

114 30.7 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.052 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

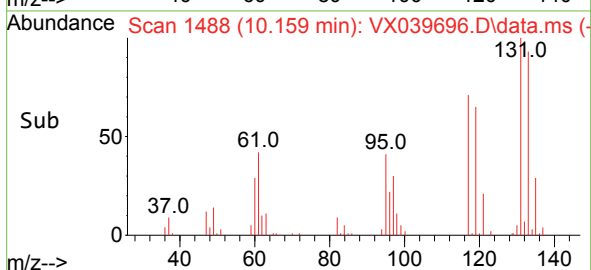
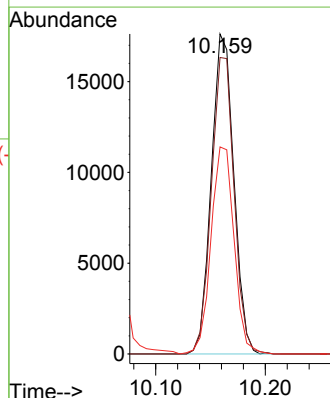
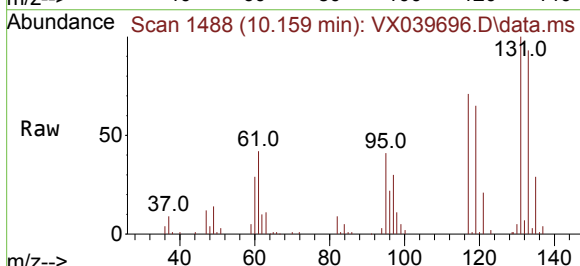
Tgt Ion:131 Resp: 25139

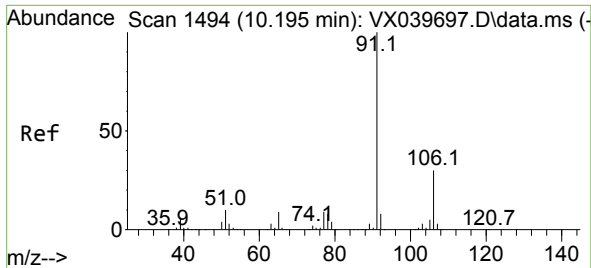
Ion Ratio Lower Upper

131 100

133 93.9 47.1 141.4

119 66.3 32.2 96.6





#67

Ethyl Benzene

Concen: 19.852 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

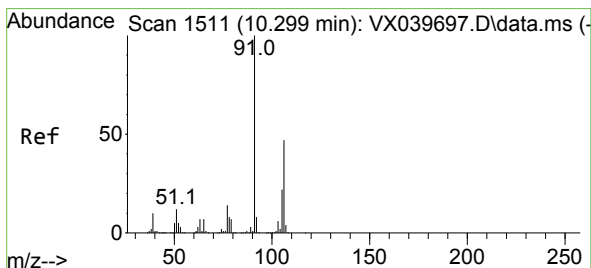
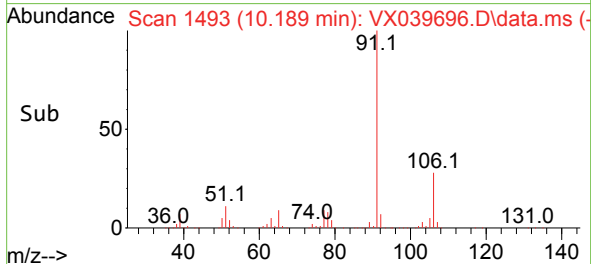
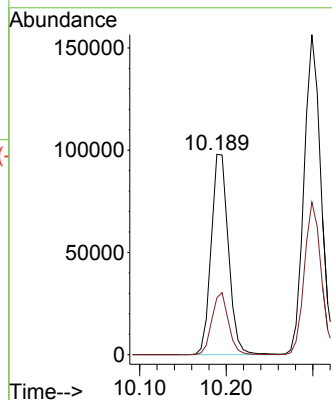
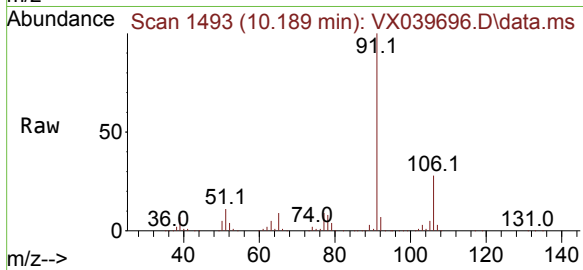
VSTDICC020

Tgt Ion: 91 Resp: 135699

Ion Ratio Lower Upper

91 100

106 28.4 24.9 37.3



#68

m/p-Xylenes

Concen: 40.482 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039696.D

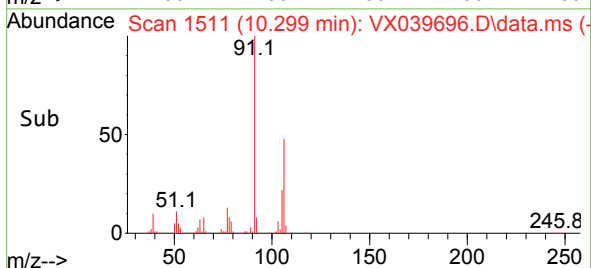
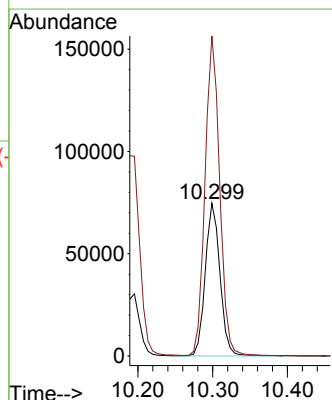
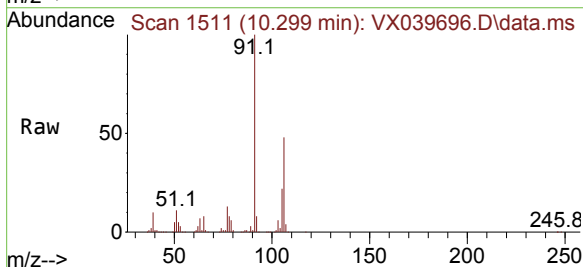
Acq: 10 Jan 2024 11:35

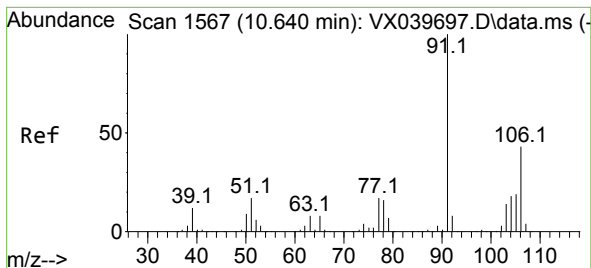
Tgt Ion:106 Resp: 101765

Ion Ratio Lower Upper

106 100

91 209.4 165.5 248.3

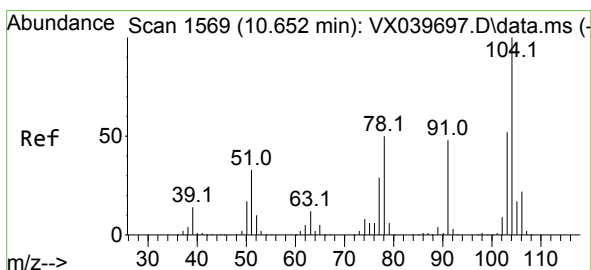
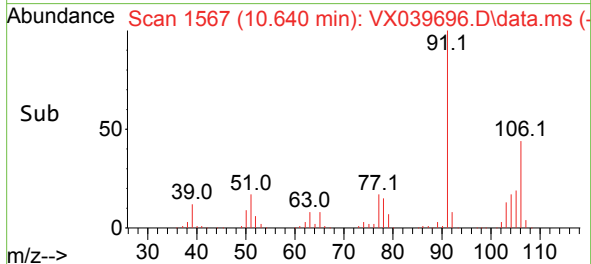
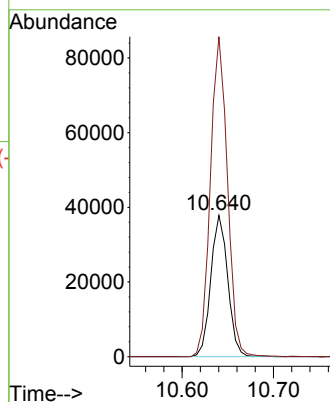
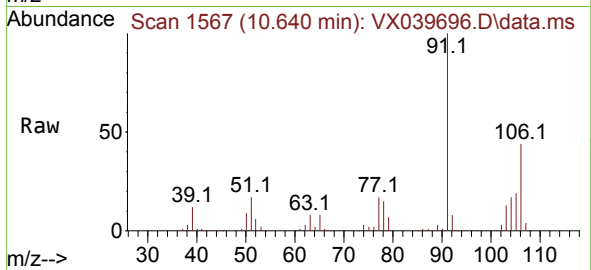




#69  
o-Xylene  
Concen: 19.580 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

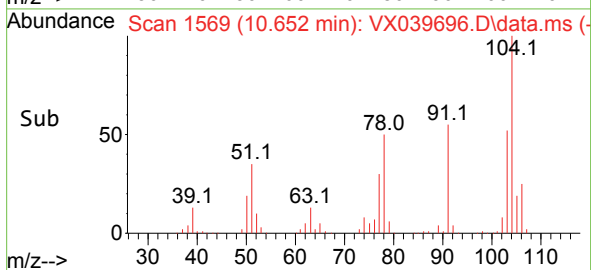
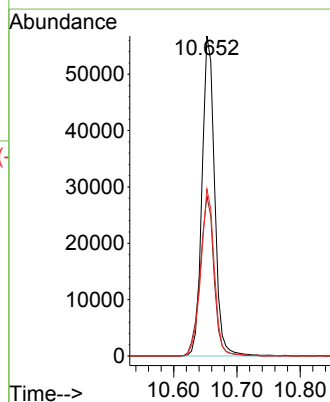
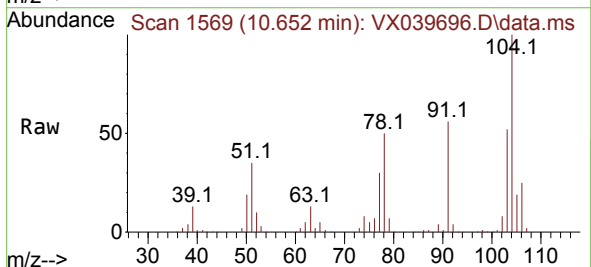
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

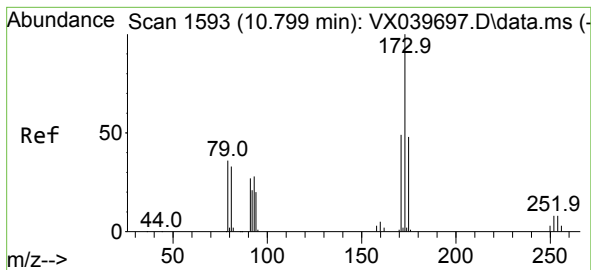
Tgt Ion:106 Resp: 48745  
Ion Ratio Lower Upper  
106 100  
91 227.0 108.9 326.8



#70  
Styrene  
Concen: 19.427 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion:104 Resp: 79005  
Ion Ratio Lower Upper  
104 100  
78 54.9 43.6 65.4  
103 55.7 43.6 65.4





#71

Bromoform

Concen: 18.933 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

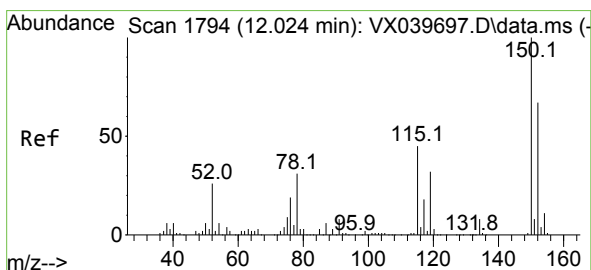
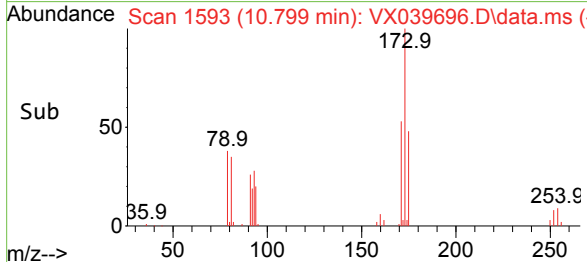
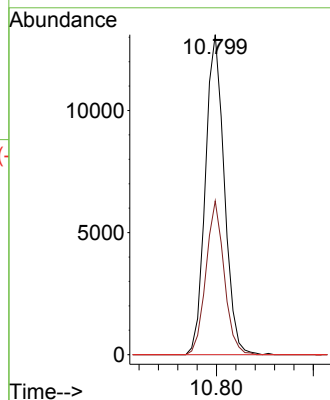
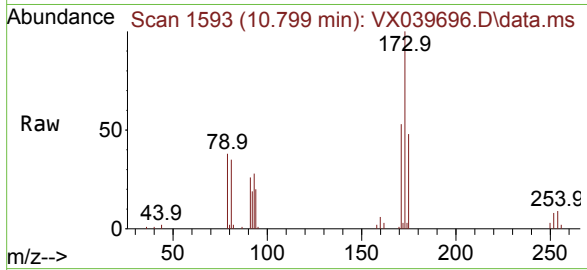
Tgt Ion:173 Resp: 17823

Ion Ratio Lower Upper

173 100

175 46.4 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

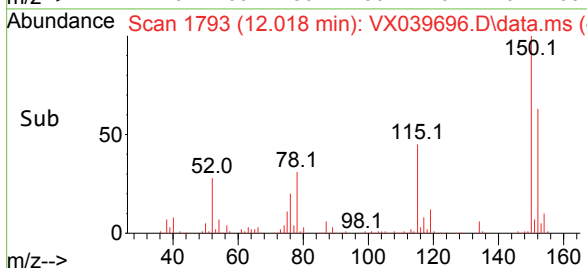
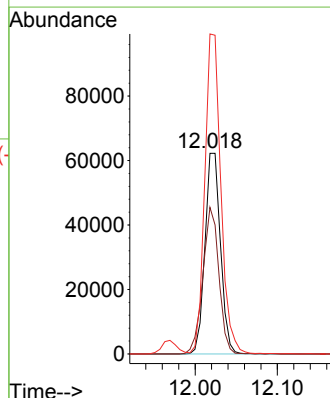
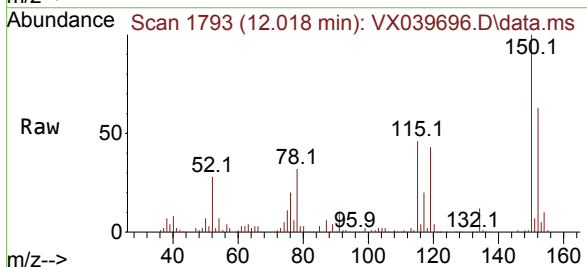
Tgt Ion:152 Resp: 81649

Ion Ratio Lower Upper

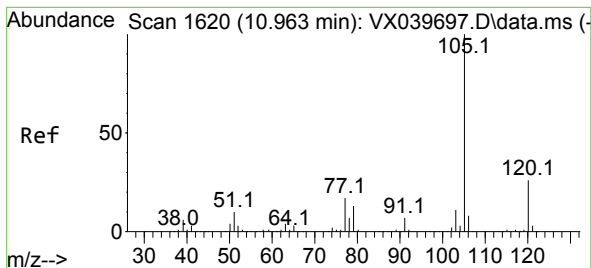
152 100

115 75.1 43.3 129.9

150 165.5 0.0 345.0







#73

Isopropylbenzene

Concen: 19.942 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

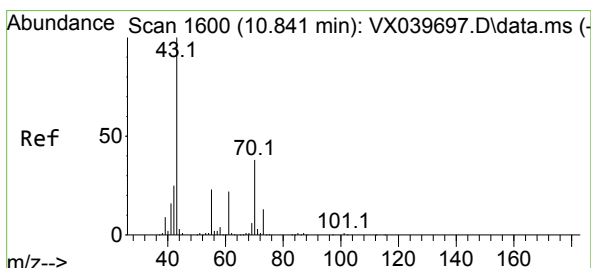
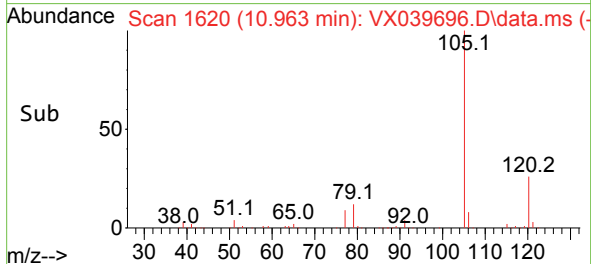
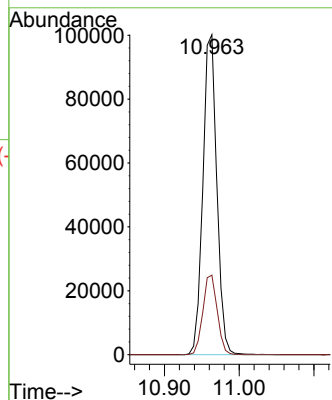
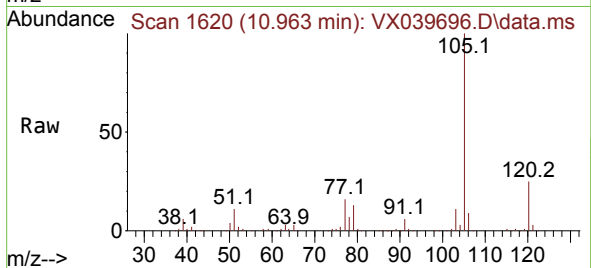
VSTDIC020

Tgt Ion:105 Resp: 129636

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6



#74

N-ethyl acetate

Concen: 19.733 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Tgt Ion: 43 Resp: 66866

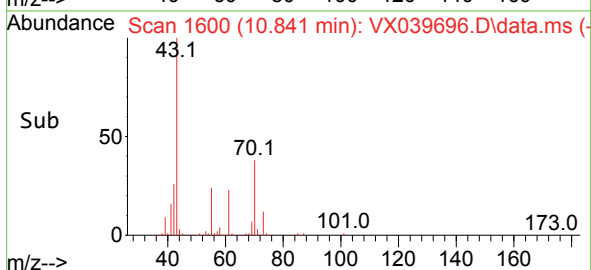
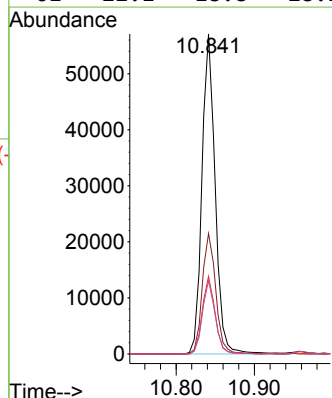
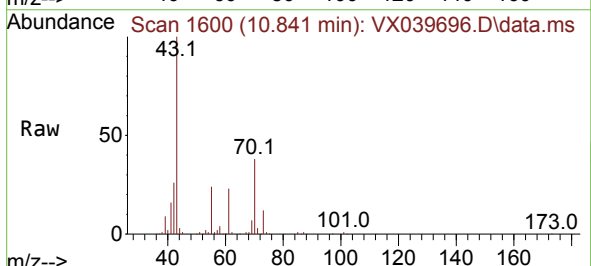
Ion Ratio Lower Upper

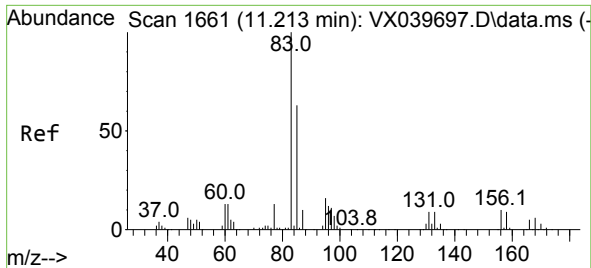
43 100

70 38.4 32.9 49.3

55 23.7 19.3 28.9

61 22.1 18.8 28.2

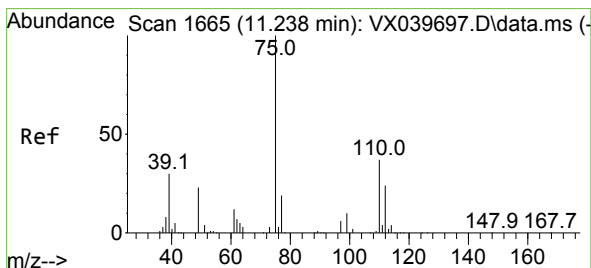
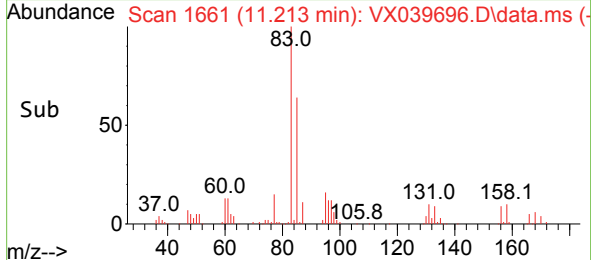
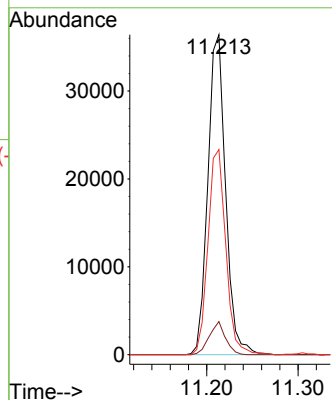
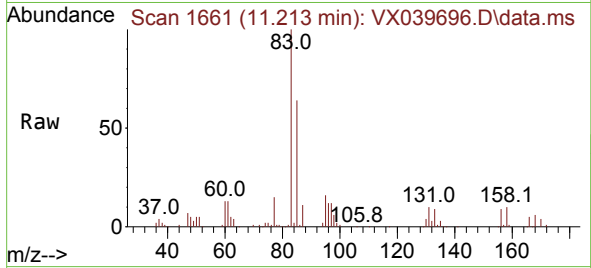




#75  
1,1,2-Tetrachloroethane  
Concen: 19.747 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

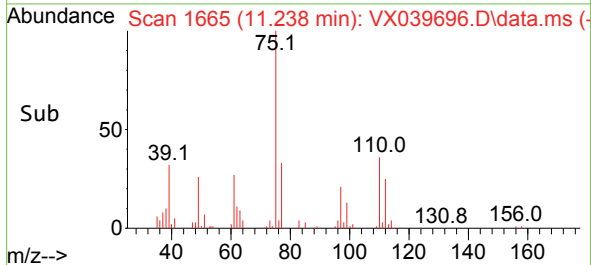
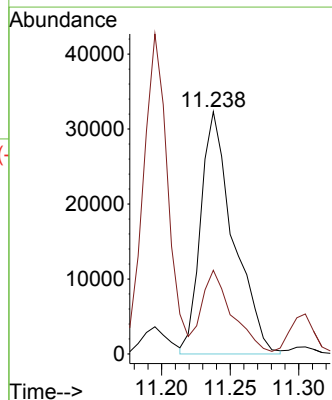
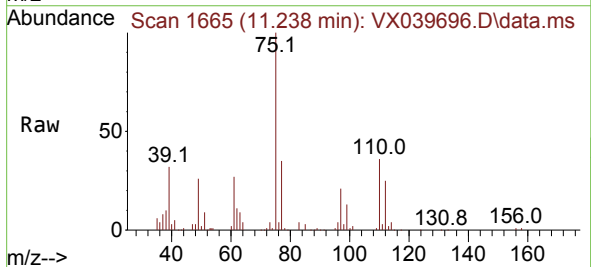
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

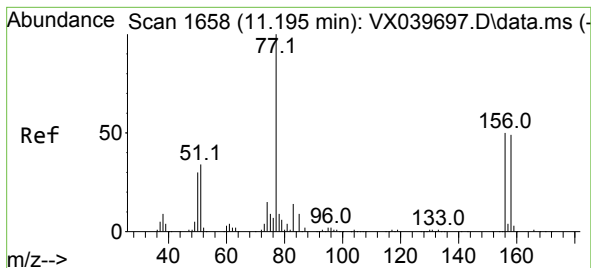
Tgt Ion: 83 Resp: 49018  
Ion Ratio Lower Upper  
83 100  
131 9.4 5.3 15.8  
85 64.4 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 25.403 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 75 Resp: 53773  
Ion Ratio Lower Upper  
75 100  
77 32.6 19.1 57.5





#77

Bromobenzene

Concen: 19.849 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

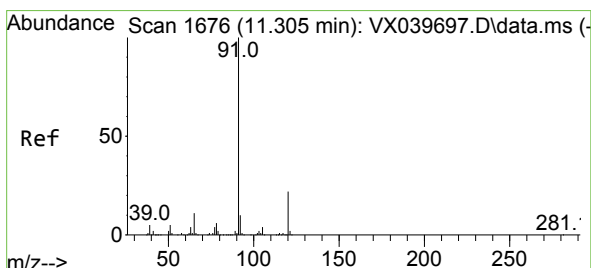
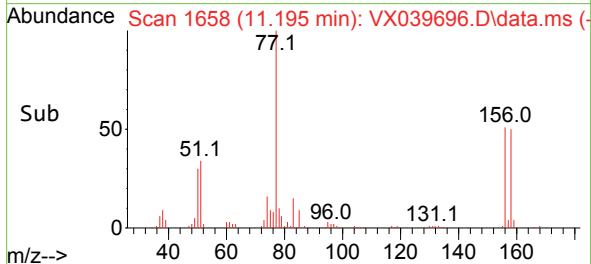
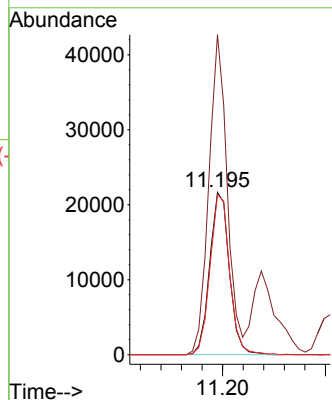
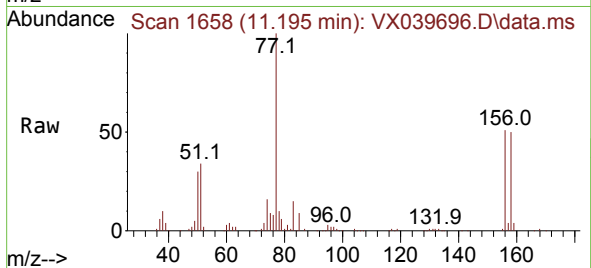
Tgt Ion:156 Resp: 28729

Ion Ratio Lower Upper

156 100

77 184.1 88.4 265.3

158 98.4 48.0 144.0



#78

n-propylbenzene

Concen: 20.049 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX039696.D

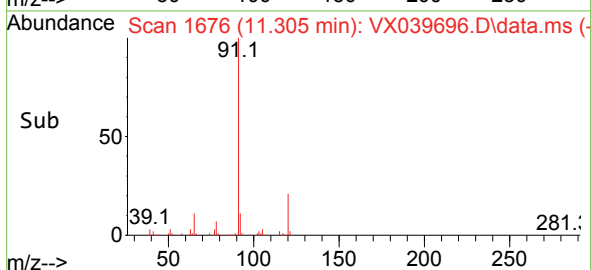
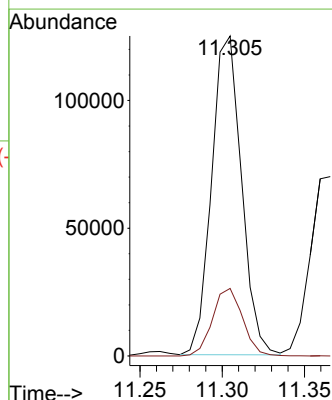
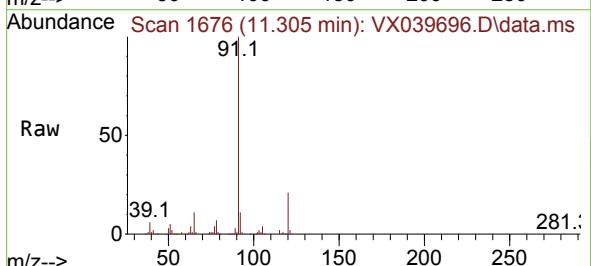
Acq: 10 Jan 2024 11:35

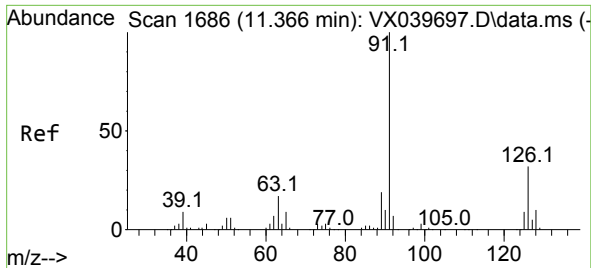
Tgt Ion: 91 Resp: 157741

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.4

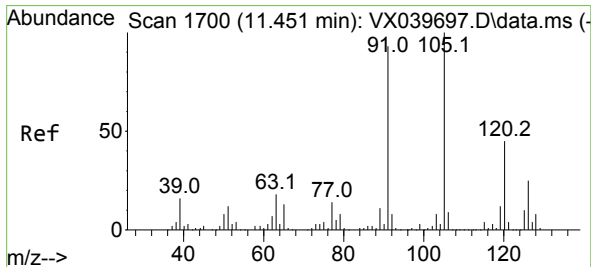
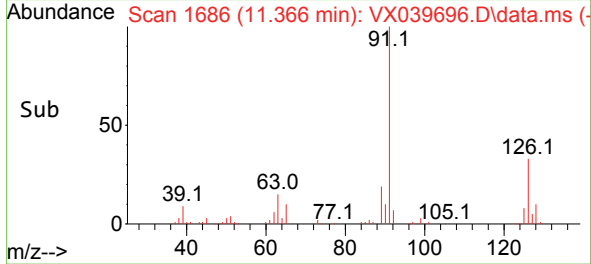
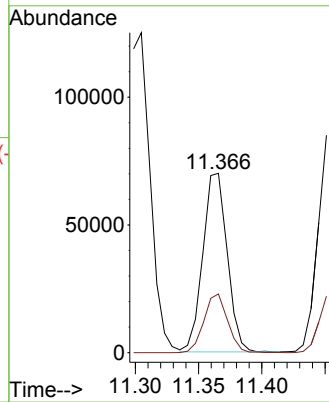
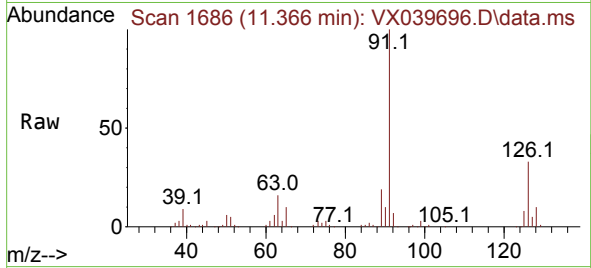




#79  
2-Chlorotoluene  
Concen: 19.310 ug/l  
RT: 11.366 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

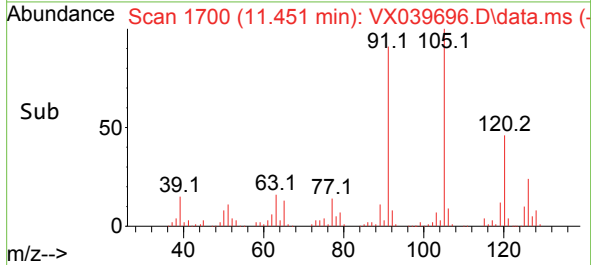
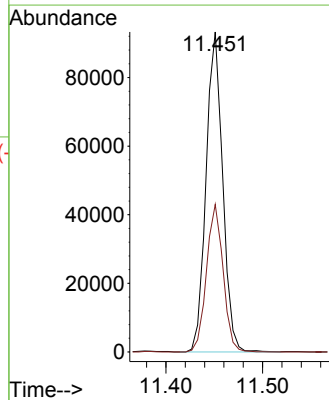
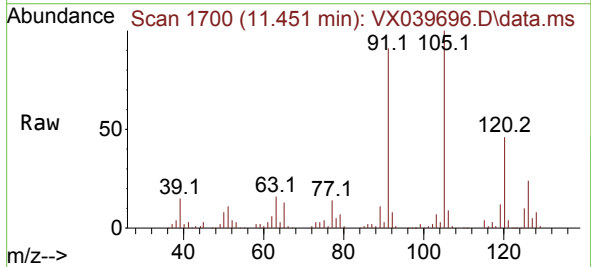
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

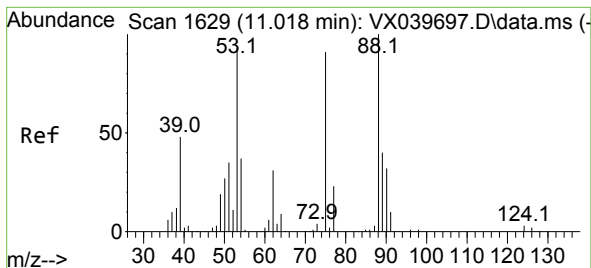
Tgt Ion: 91 Resp: 93902  
Ion Ratio Lower Upper  
91 100  
126 31.9 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 20.214 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 105 Resp: 111604  
Ion Ratio Lower Upper  
105 100  
120 46.2 24.1 72.3

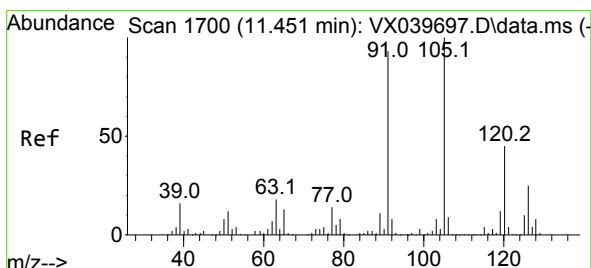
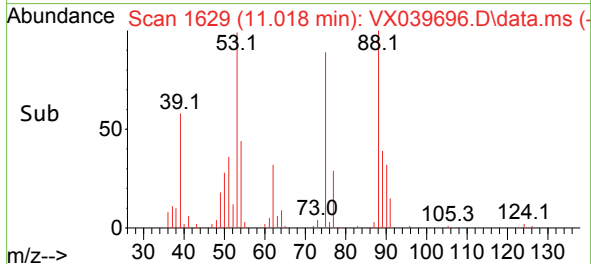
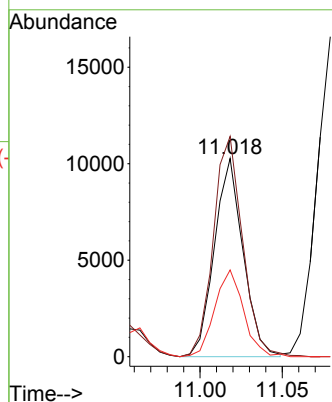
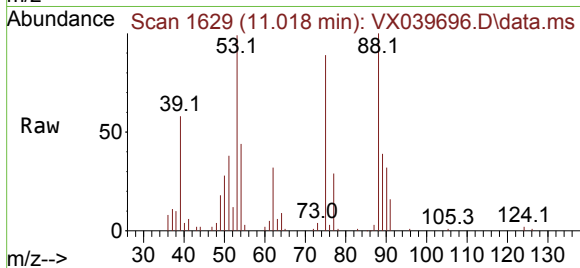




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.354 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

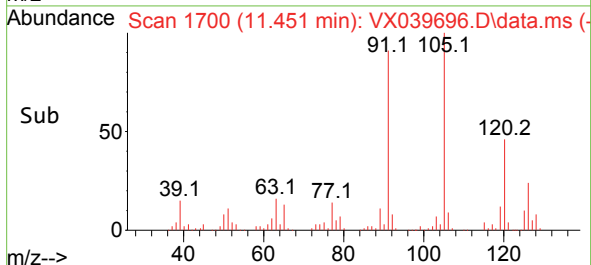
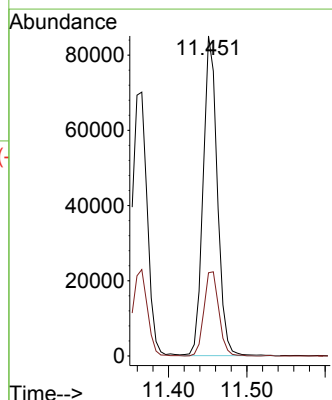
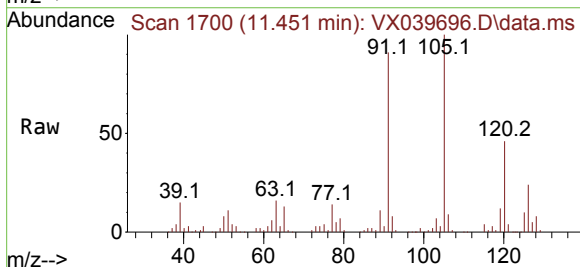
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

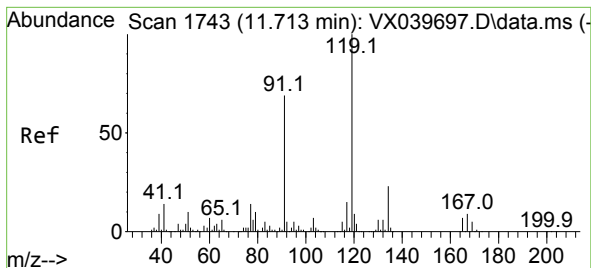
Tgt Ion: 75 Resp: 12485  
Ion Ratio Lower Upper  
75 100  
53 112.9 90.5 135.7  
89 43.8 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 19.380 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion: 91 Resp: 106899  
Ion Ratio Lower Upper  
91 100  
126 27.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.847 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

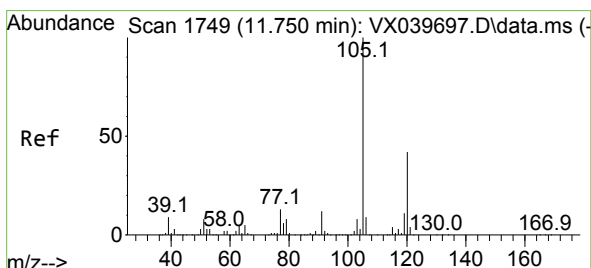
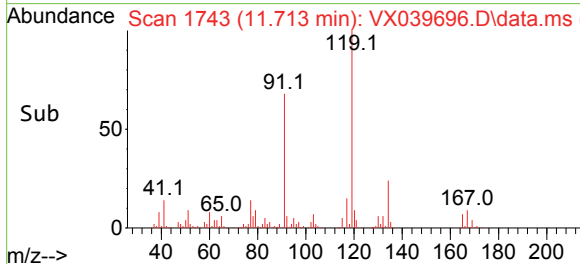
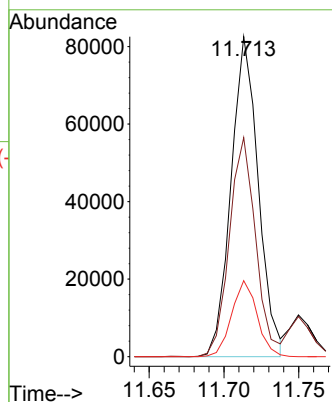
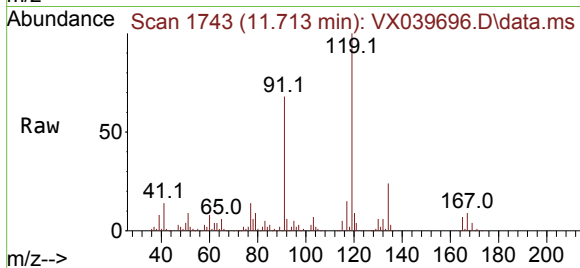
Tgt Ion:119 Resp: 104616

Ion Ratio Lower Upper

119 100

91 66.3 31.2 93.6

134 22.2 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 19.853 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039696.D

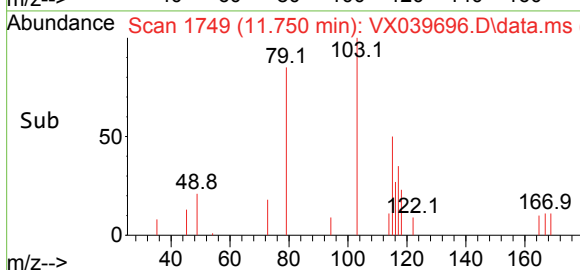
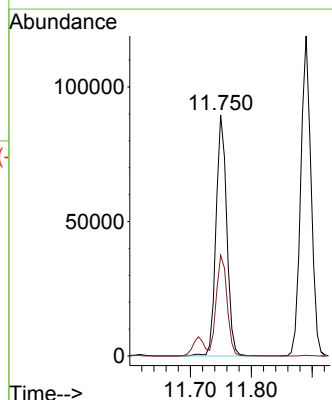
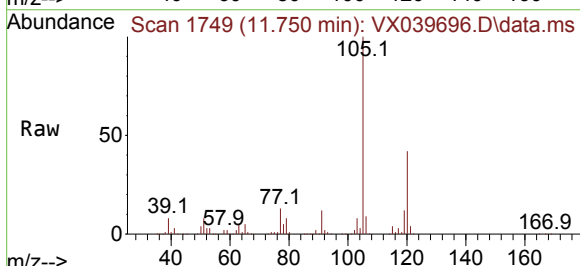
Acq: 10 Jan 2024 11:35

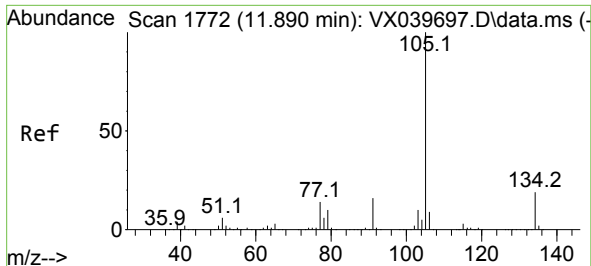
Tgt Ion:105 Resp: 109355

Ion Ratio Lower Upper

105 100

120 41.9 21.2 63.6

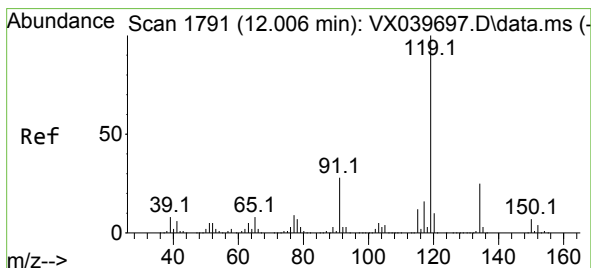
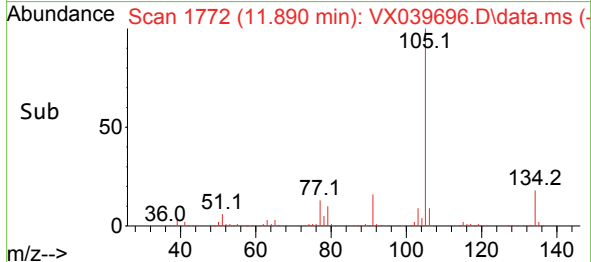
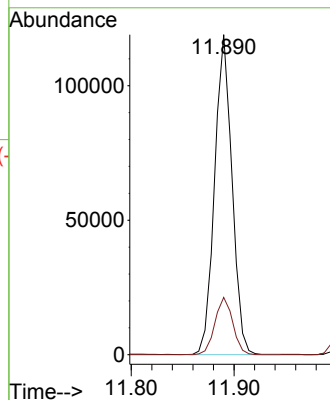
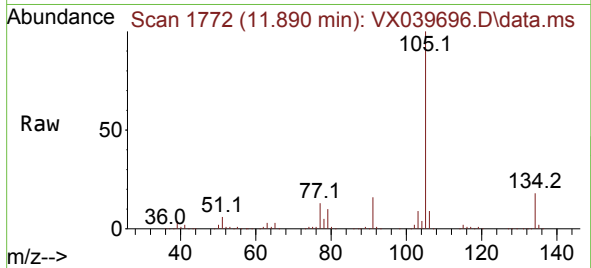




#85  
sec-Butylbenzene  
Concen: 20.473 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

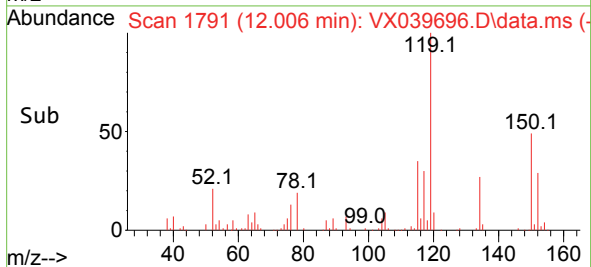
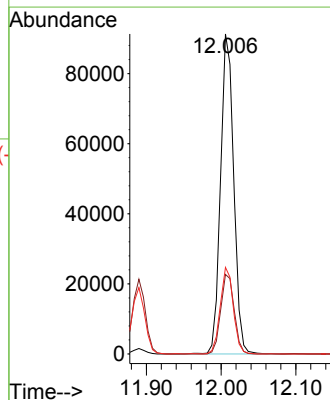
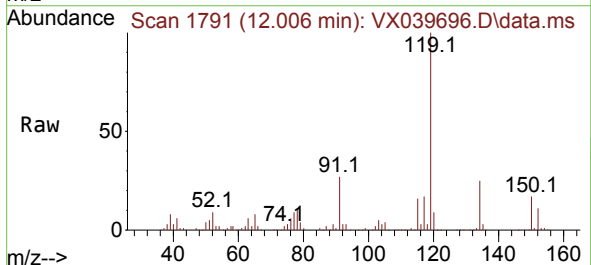
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

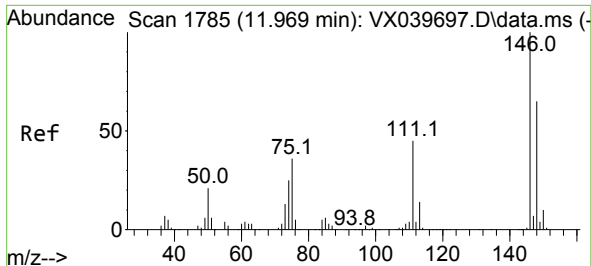
Tgt Ion:105 Resp: 140083  
Ion Ratio Lower Upper  
105 100  
134 18.3 9.8 29.4



#86  
p-Isopropyltoluene  
Concen: 20.509 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion:119 Resp: 112154  
Ion Ratio Lower Upper  
119 100  
134 25.4 12.8 38.3  
91 26.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.532 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

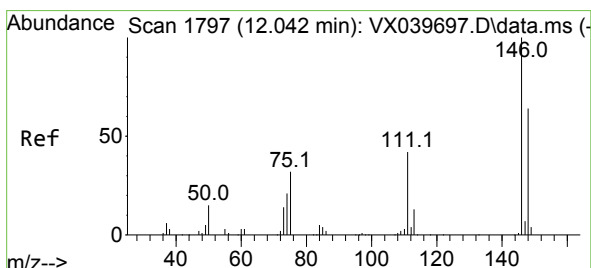
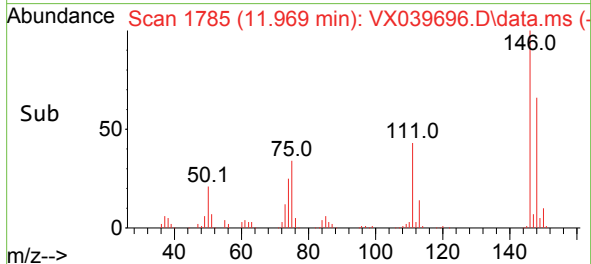
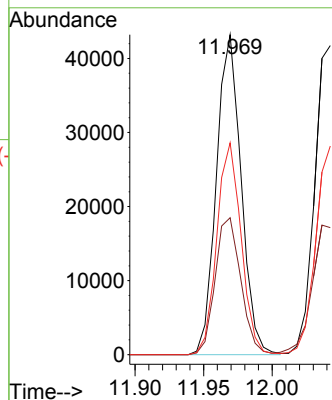
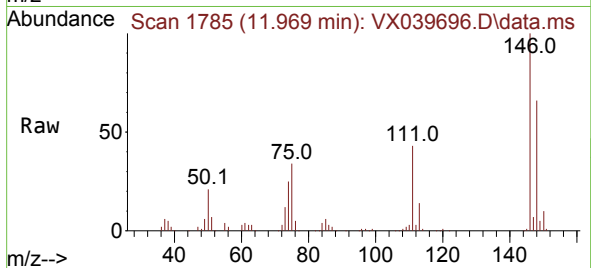
Tgt Ion:146 Resp: 54190

Ion Ratio Lower Upper

146 100

111 44.4 22.1 66.1

148 65.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 18.845 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

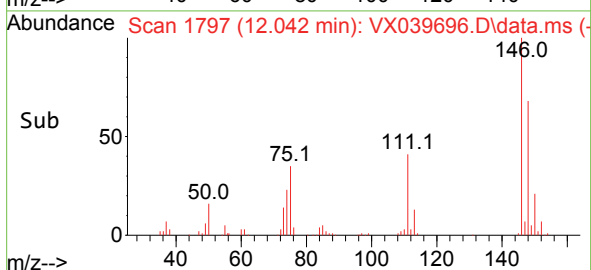
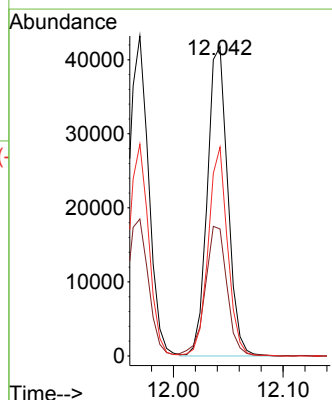
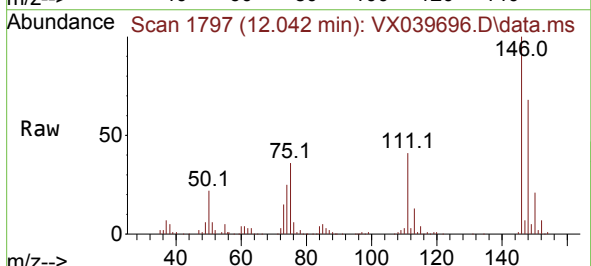
Tgt Ion:146 Resp: 54002

Ion Ratio Lower Upper

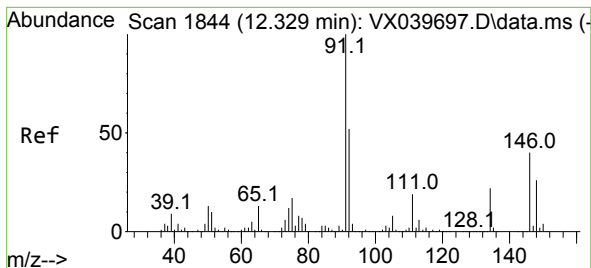
146 100

111 44.8 21.3 63.7

148 64.3 31.8 95.4







#89

n-Butylbenzene

Concen: 19.564 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

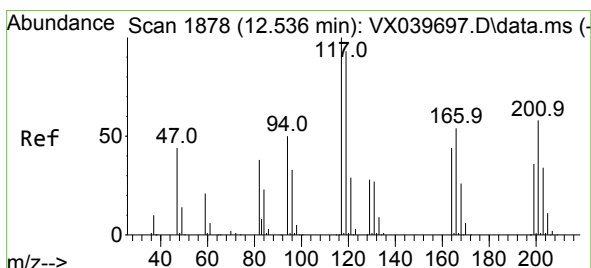
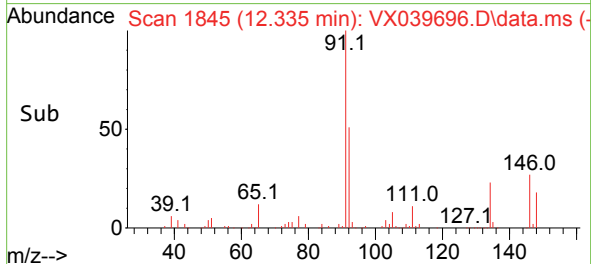
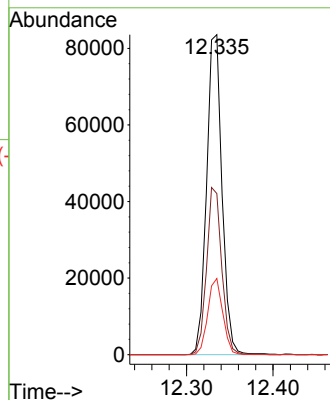
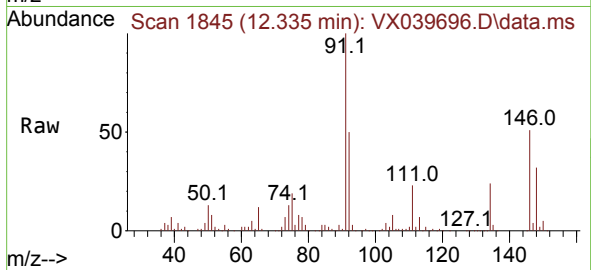
Tgt Ion: 91 Resp: 103336

Ion Ratio Lower Upper

91 100

92 51.4 27.4 82.0

134 23.3 12.6 37.8



#90

Hexachloroethane

Concen: 19.686 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX039696.D

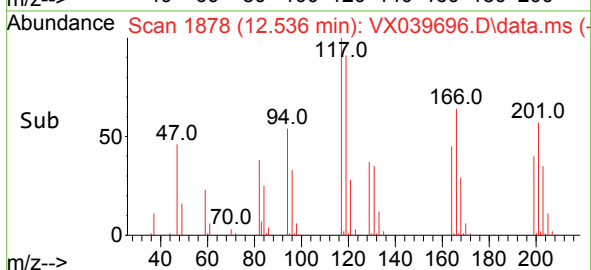
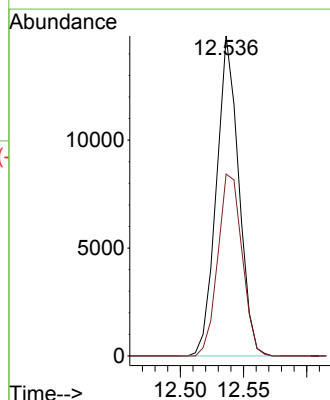
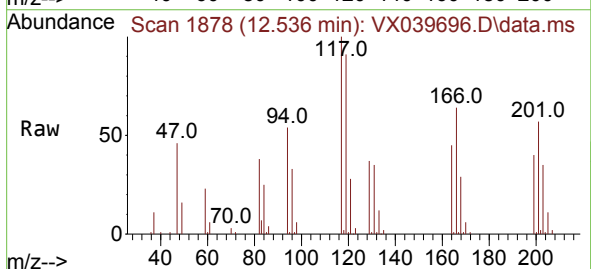
Acq: 10 Jan 2024 11:35

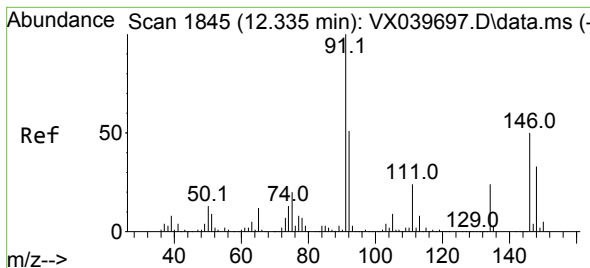
Tgt Ion:117 Resp: 18162

Ion Ratio Lower Upper

117 100

201 62.0 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 19.520 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

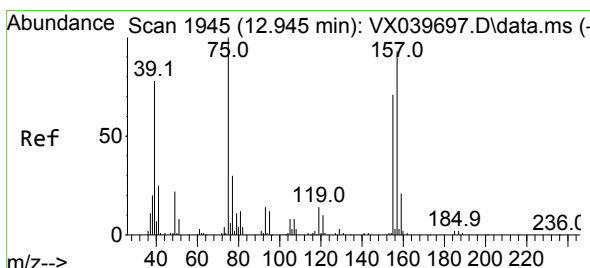
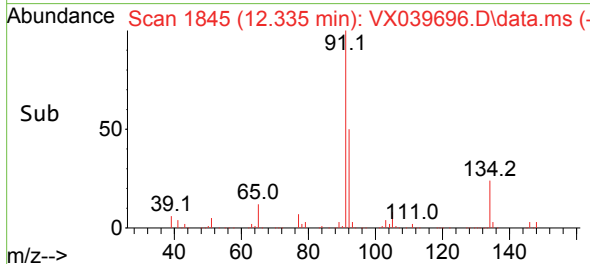
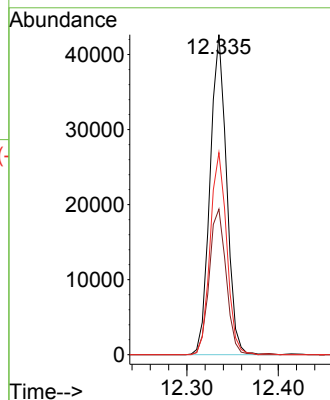
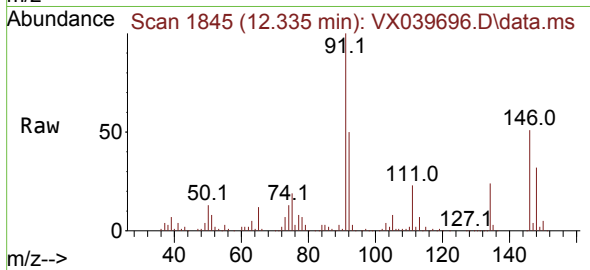
Tgt Ion:146 Resp: 53543

Ion Ratio Lower Upper

146 100

111 46.5 22.4 67.0

148 63.1 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.380 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

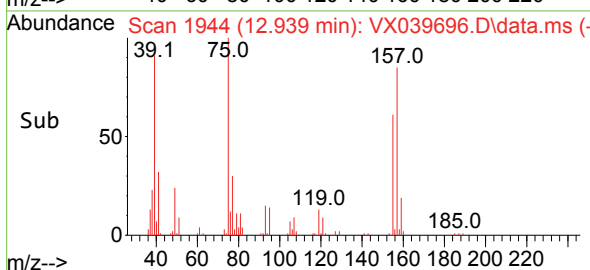
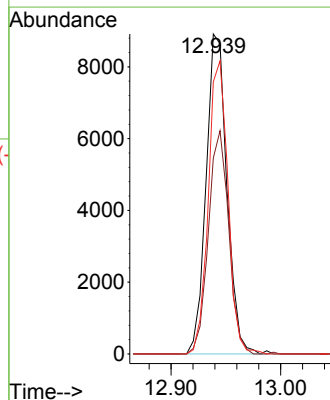
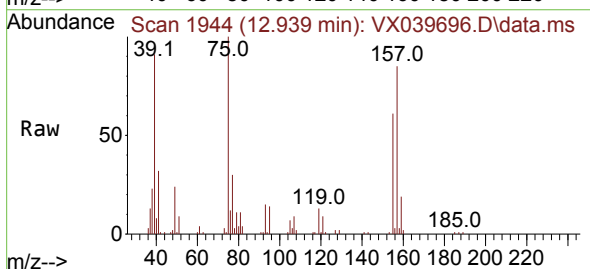
Tgt Ion: 75 Resp: 11788

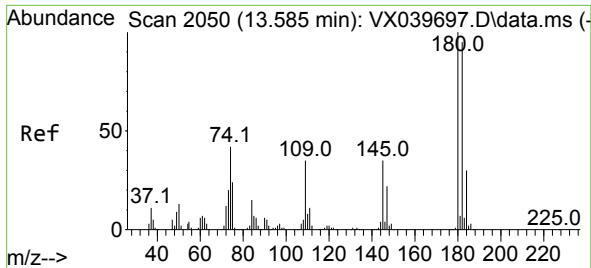
Ion Ratio Lower Upper

75 100

155 68.0 36.1 108.5

157 86.1 44.9 134.7

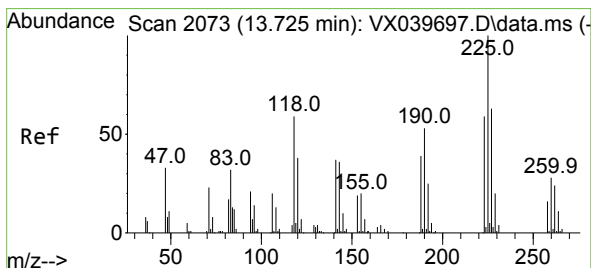
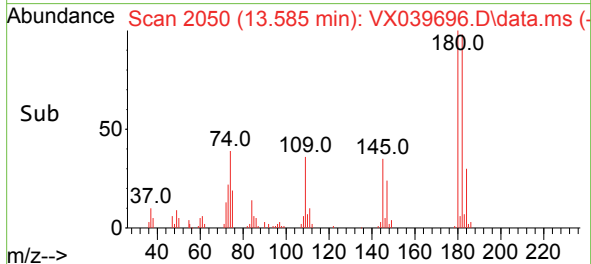
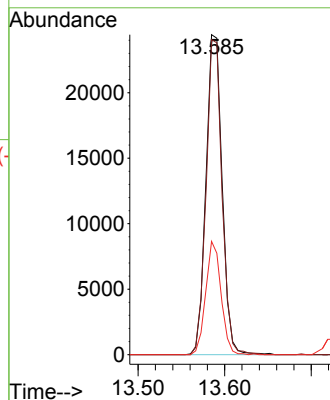
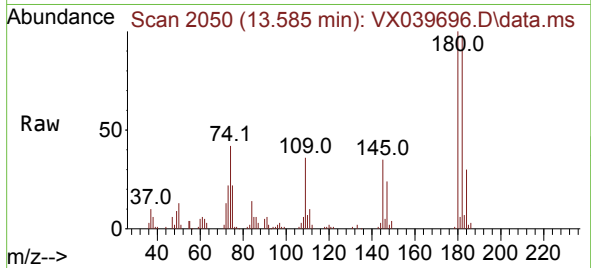




#93  
1,2,4-Trichlorobenzene  
Concen: 18.900 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

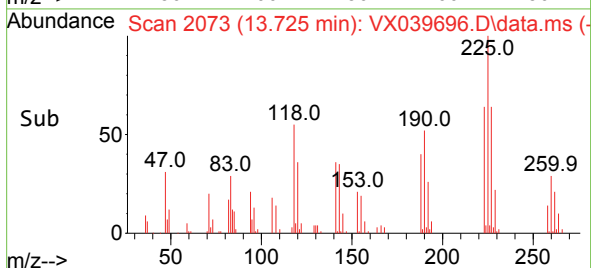
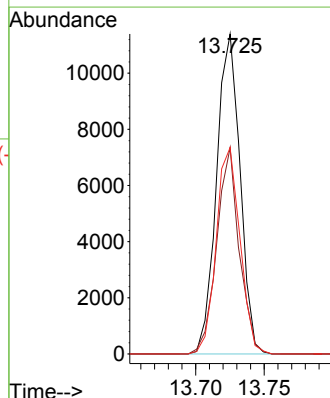
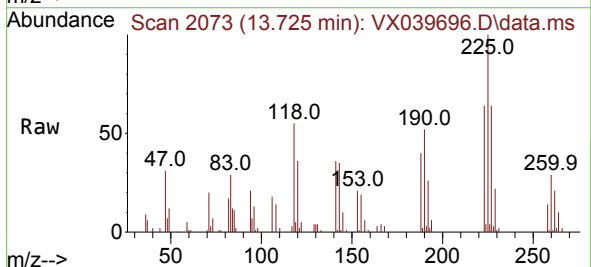
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

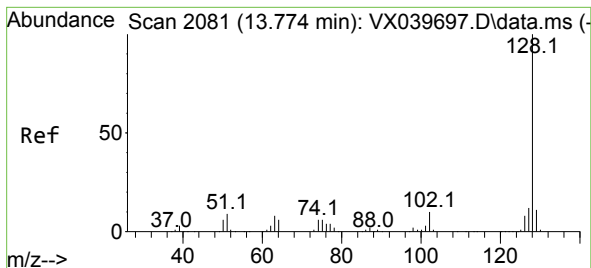
Tgt Ion:180 Resp: 31681  
Ion Ratio Lower Upper  
180 100  
182 96.8 48.3 144.8  
145 33.7 18.0 54.0



#94  
Hexachlorobutadiene  
Concen: 19.468 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX039696.D  
Acq: 10 Jan 2024 11:35

Tgt Ion:225 Resp: 13565  
Ion Ratio Lower Upper  
225 100  
223 61.8 31.1 93.2  
227 65.3 32.5 97.5





#95

Naphthalene

Concen: 19.537 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

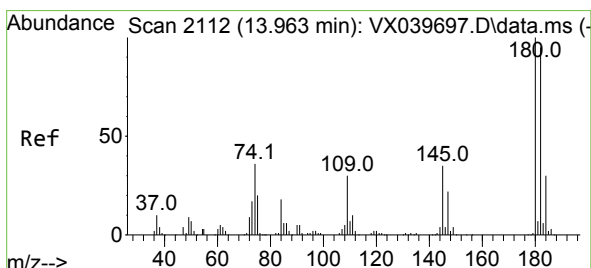
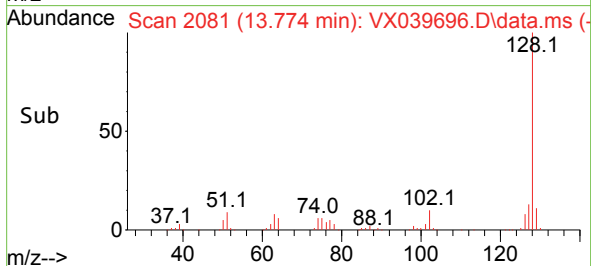
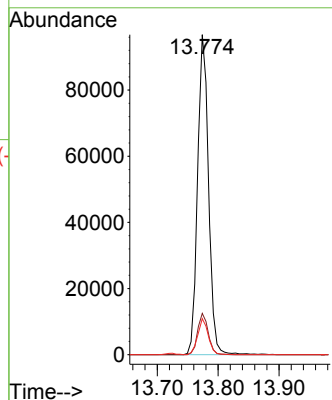
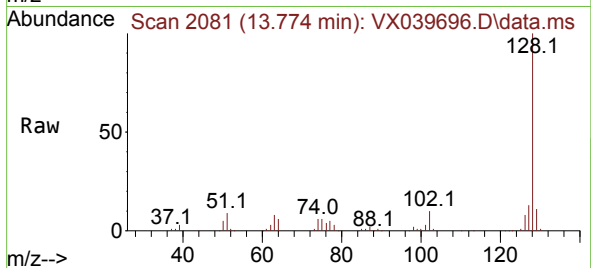
Tgt Ion:128 Resp: 120556

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.959 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039696.D

Acq: 10 Jan 2024 11:35

Tgt Ion:180 Resp: 32073

Ion Ratio Lower Upper

180 100

182 95.6 46.9 140.6

145 36.4 17.8 53.5

