

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032124\  
 Data File : VX040740.D  
 Acq On : 21 Mar 2024 11:51  
 Operator : JC/MD  
 Sample : VSTDIC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Mar 22 02:04:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 22 01:58:09 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 46605    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 73726    | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 70358    | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 35805    | 50.000 | ug/l  | # 0.00   |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 80705    | 102.987  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 205.980%# |      |
| 35) Dibromofluoromethane    | 5.385  | 113   | 56590    | 102.581  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 205.160%# |      |
| 50) Toluene-d8              | 8.647  | 98    | 184907   | 97.890   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 195.780%# |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 82865    | 111.036  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 222.080%# |      |

|                              |       |     |         |         |      |      |
|------------------------------|-------|-----|---------|---------|------|------|
| Target Compounds             |       |     |         | Qvalue  |      |      |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 67454   | 111.844 | ug/l | 100  |
| 3) Chloromethane             | 1.294 | 50  | 62155   | 100.759 | ug/l | 100  |
| 4) Vinyl Chloride            | 1.374 | 62  | 63709   | 109.071 | ug/l | 100  |
| 5) Bromomethane              | 1.599 | 94  | 38134   | 96.848  | ug/l | 99   |
| 6) Chloroethane              | 1.679 | 64  | 45891   | 111.775 | ug/l | 99   |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 113959  | 111.504 | ug/l | 97   |
| 8) Diethyl Ether             | 2.136 | 74  | 37137   | 113.045 | ug/l | 94   |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 65909   | 112.145 | ug/l | 99   |
| 10) Methyl Iodide            | 2.453 | 142 | 87748   | 112.767 | ug/l | 100  |
| 11) Tert butyl alcohol       | 2.965 | 59  | 74552   | 594.097 | ug/l | # 92 |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 61478   | 111.680 | ug/l | 97   |
| 13) Acrolein                 | 2.233 | 56  | 44330   | 596.939 | ug/l | 97   |
| 14) Allyl chloride           | 2.666 | 41  | 111402  | 112.917 | ug/l | 89   |
| 15) Acrylonitrile            | 3.062 | 53  | 177034  | 571.475 | ug/l | 97   |
| 16) Acetone                  | 2.373 | 43  | 150468  | 542.092 | ug/l | 99   |
| 17) Carbon Disulfide         | 2.514 | 76  | 170586  | 107.882 | ug/l | 98   |
| 18) Methyl Acetate           | 2.703 | 43  | 81985   | 110.208 | ug/l | 99   |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 218266  | 114.878 | ug/l | 99   |
| 20) Methylene Chloride       | 2.788 | 84  | 66898   | 110.258 | ug/l | 97   |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 63916   | 109.985 | ug/l | 95   |
| 22) Diisopropyl ether        | 3.757 | 45  | 223416  | 116.052 | ug/l | 97   |
| 23) Vinyl Acetate            | 3.721 | 43  | 1064400 | 584.921 | ug/l | 99   |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 123646  | 111.821 | ug/l | 99   |
| 25) 2-Butanone               | 4.550 | 43  | 248133  | 570.742 | ug/l | 98   |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 114697  | 118.886 | ug/l | 99   |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 75658   | 112.390 | ug/l | 98   |
| 28) Bromochloromethane       | 4.897 | 49  | 52252   | 103.320 | ug/l | 97   |
| 29) Tetrahydrofuran          | 4.995 | 42  | 167624  | 579.653 | ug/l | 98   |
| 30) Chloroform               | 5.093 | 83  | 136119  | 114.983 | ug/l | 100  |
| 31) Cyclohexane              | 5.471 | 56  | 104872  | 112.634 | ug/l | 97   |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 122156  | 120.052 | ug/l | 99   |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 92284   | 113.615 | ug/l | 98   |
| 37) Ethyl Acetate            | 4.708 | 43  | 106333  | 115.285 | ug/l | 99   |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 107509  | 117.593 | ug/l | 98   |
| 39) Methylcyclohexane        | 7.379 | 83  | 102528  | 113.936 | ug/l | 97   |
| 40) Benzene                  | 6.037 | 78  | 258623  | 115.307 | ug/l | 99   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032124\  
 Data File : VX040740.D  
 Acq On : 21 Mar 2024 11:51  
 Operator : JC/MD  
 Sample : VSTDIC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Mar 22 02:04:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 22 01:58:09 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 58645    | 124.018  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 109817   | 120.996  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 179992   | 124.272  | ug/l   | 98       |
| 44) Trichloroethene           | 7.123  | 130  | 61923    | 115.184  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 60030    | 114.076  | ug/l   | 96       |
| 46) Dibromomethane            | 7.574  | 93   | 48351    | 116.012  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.818  | 83   | 100033   | 117.464  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.690  | 41   | 81554    | 123.195  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 26871    | 2405.140 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 528565   | 588.460  | ug/l   | 97       |
| 52) Toluene                   | 8.714  | 92   | 147845   | 110.525  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 101920   | 115.692  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 109389   | 120.062  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 61248    | 112.435  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 109623   | 120.395  | ug/l # | 93       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 108951   | 117.206  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 307399   | 643.272  | ug/l   | 97       |
| 59) 2-Hexanone                | 9.427  | 43   | 424694   | 610.362  | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.519  | 129  | 77647    | 121.300  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 68825    | 119.646  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 56943    | 108.655  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 180915   | 113.372  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 65321    | 120.290  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 334403   | 117.011  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 254219   | 242.963  | ug/l   | 93       |
| 69) o-Xylene                  | 10.640 | 106  | 122787   | 122.155  | ug/l   | 93       |
| 70) Styrene                   | 10.653 | 104  | 216471   | 128.645  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 58574    | 132.065  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 333148   | 122.627  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 180034   | 134.593  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 111905   | 121.673  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 131772   | 170.529  | ug/l   | 89       |
| 77) Bromobenzene              | 11.195 | 156  | 79320    | 120.621  | ug/l   | 100      |
| 78) n-propylbenzene           | 11.305 | 91   | 414416   | 123.714  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 228859   | 118.404  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 269786   | 118.456  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 41176    | 135.269  | ug/l # | 93       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 275244   | 113.535  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 248478   | 108.777  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 262291   | 114.426  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 333569   | 114.833  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 286061   | 118.760  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 140809   | 112.129  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 147187   | 110.364  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 283246   | 116.611  | ug/l   | 96       |
| 90) Hexachloroethane          | 12.536 | 117  | 51371    | 122.479  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 138833   | 112.528  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 27370    | 119.186  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 103642   | 118.198  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 39902    | 115.451  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 345441   | 124.523  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 101032   | 117.276  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032124\  
Data File : VX040740.D  
Acq On : 21 Mar 2024 11:51  
Operator : JC/MD  
Sample : VSTDICC100  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Mar 22 02:04:04 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 22 01:58:09 2024  
Response via : Initial Calibration

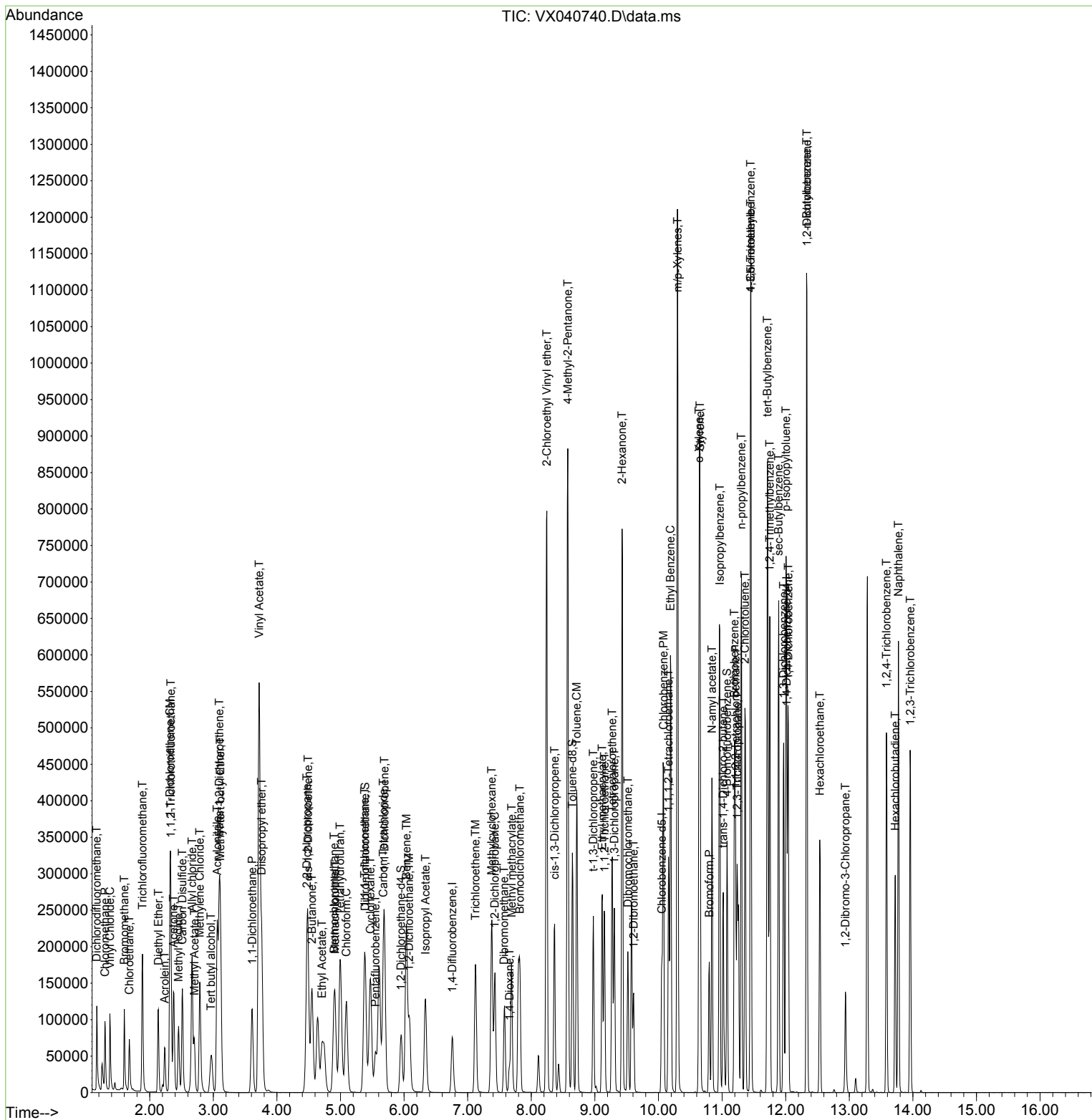
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

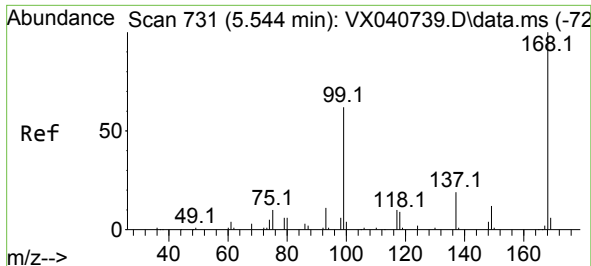
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
Data File : VX040740.D
Acq On    : 21 Mar 2024  11:51
Operator  : JC/MD
Sample    : VSTDICC100
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 7      Sample Multiplier: 1
```

**Instrument :**  
MSVOA\_X  
**ClientSampleId :**

Quant Time: Mar 22 02:04:04 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 22 01:58:09 2024  
Response via : Initial Calibration

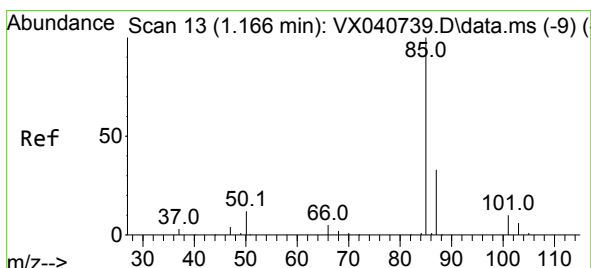
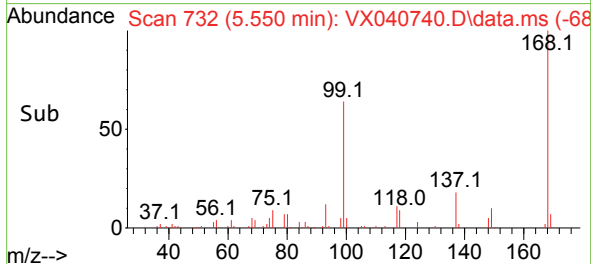
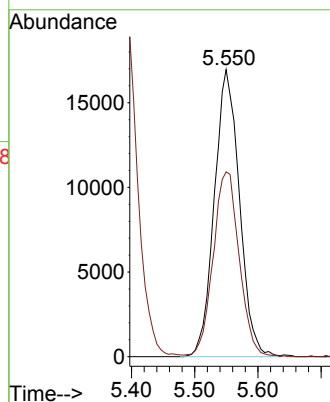
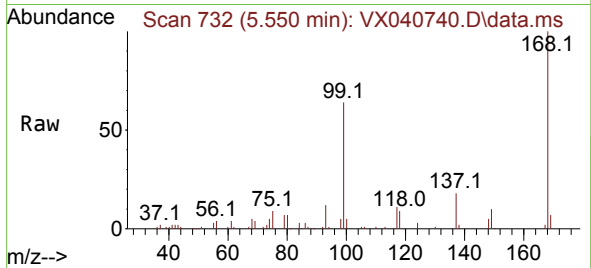




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

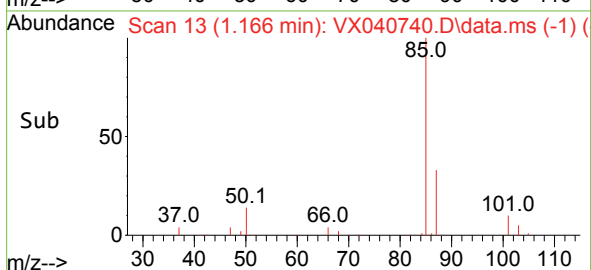
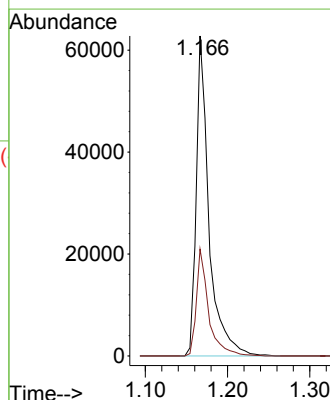
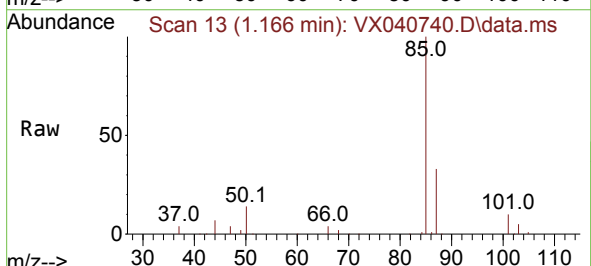
Instrument :  
MSVOA\_X  
ClientSampleId :

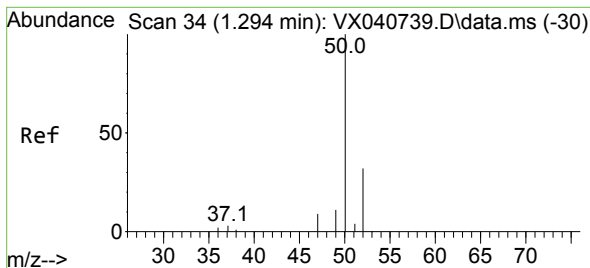
Tgt Ion:168 Resp: 46605  
Ion Ratio Lower Upper  
168 100  
99 64.4 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 111.844 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 85 Resp: 67454  
Ion Ratio Lower Upper  
85 100  
87 33.4 16.7 50.1





#3

Chloromethane

Concen: 100.759 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA\_X

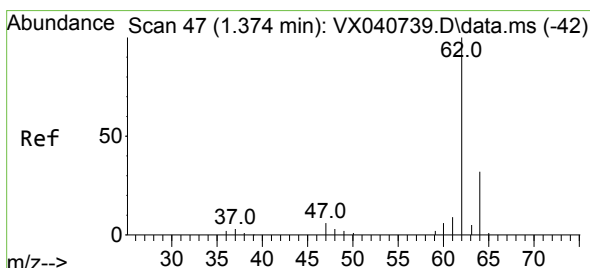
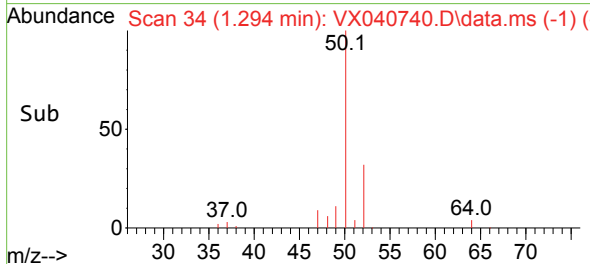
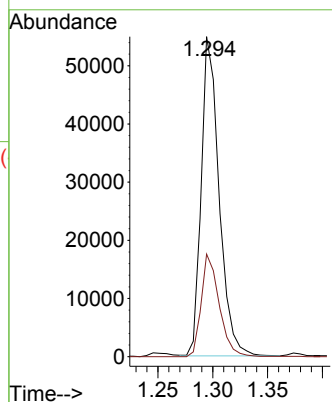
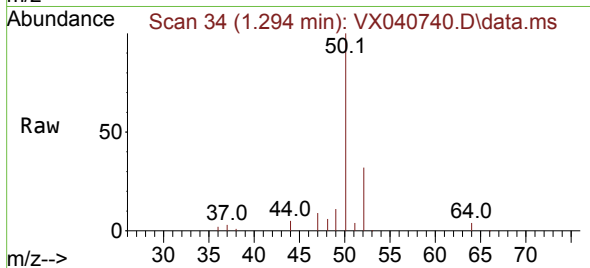
ClientSampleId :

Tgt Ion: 50 Resp: 62155

Ion Ratio Lower Upper

50 100

52 32.1 25.5 38.3



#4

Vinyl Chloride

Concen: 109.071 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX040740.D

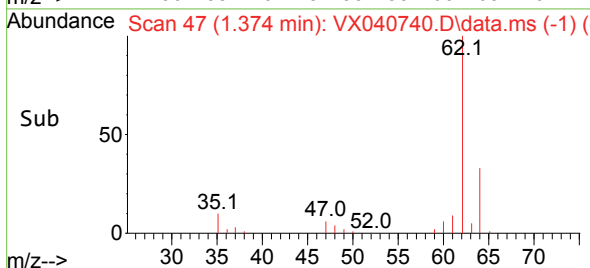
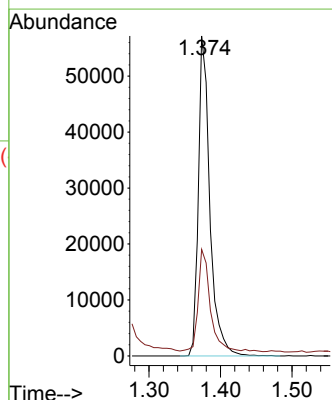
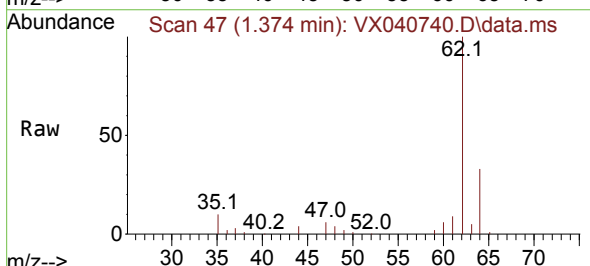
Acq: 21 Mar 2024 11:51

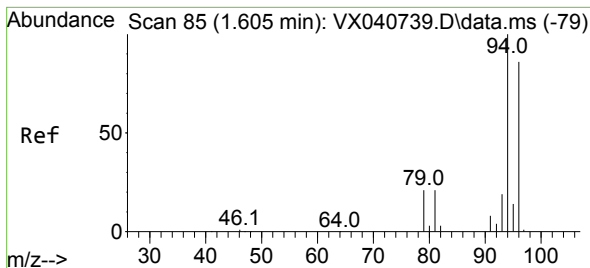
Tgt Ion: 62 Resp: 63709

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 96.848 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.006 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA\_X

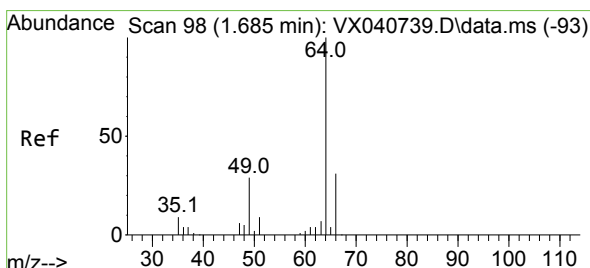
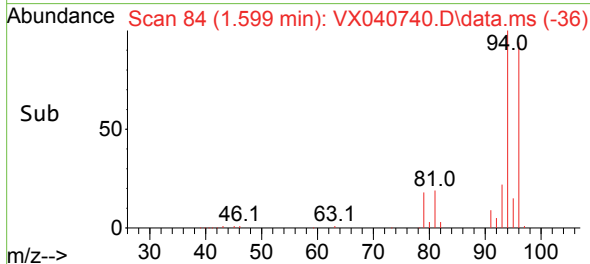
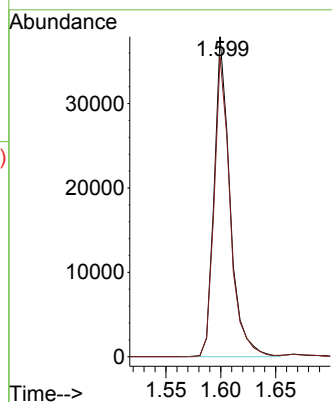
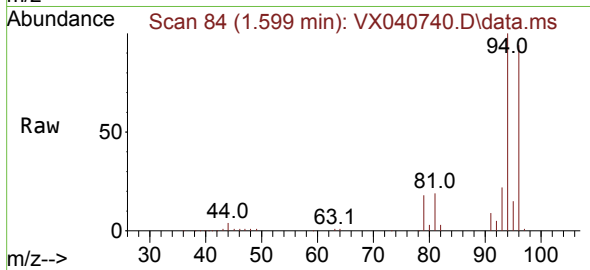
ClientSampleId :

Tgt Ion: 94 Resp: 38134

Ion Ratio Lower Upper

94 100

96 93.7 74.6 111.8



#6

Chloroethane

Concen: 111.775 ug/l

RT: 1.679 min Scan# 97

Delta R.T. -0.006 min

Lab File: VX040740.D

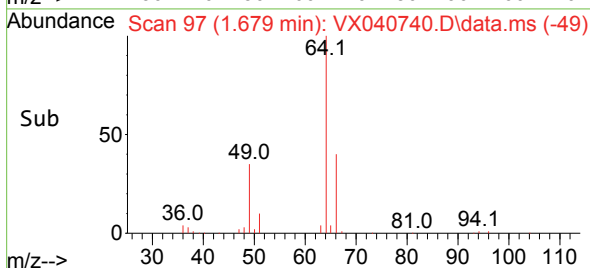
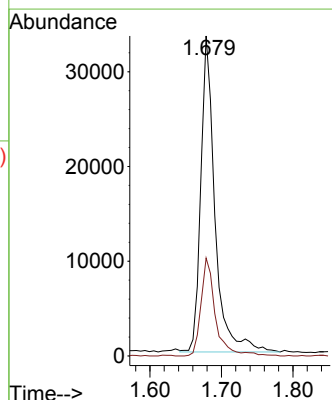
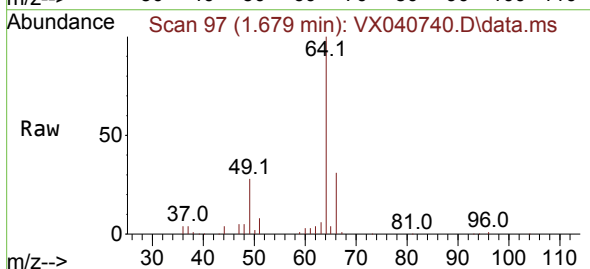
Acq: 21 Mar 2024 11:51

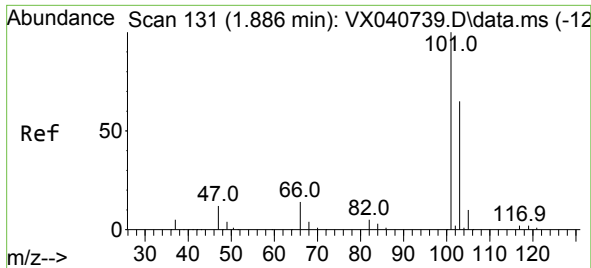
Tgt Ion: 64 Resp: 45891

Ion Ratio Lower Upper

64 100

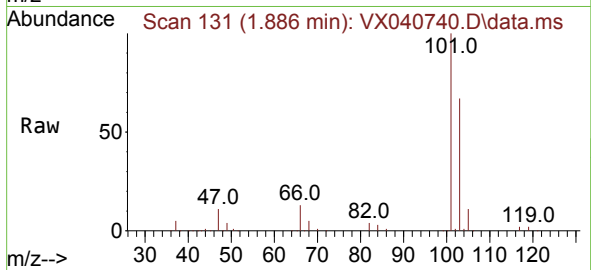
66 31.0 25.1 37.7



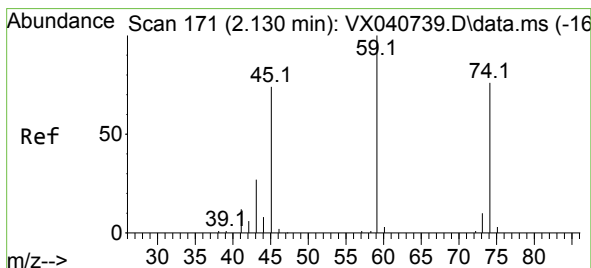
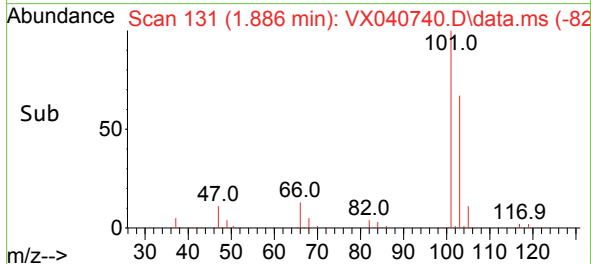
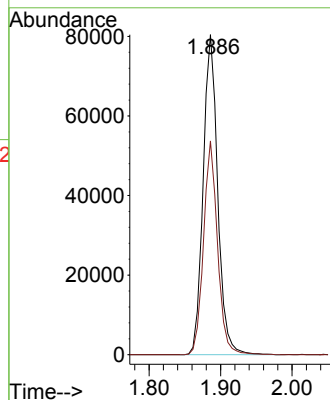


#7  
 Trichlorofluoromethane  
 Concen: 111.504 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX040740.D  
 Acq: 21 Mar 2024 11:51

Instrument :  
 MSVOA\_X  
 ClientSampleId :

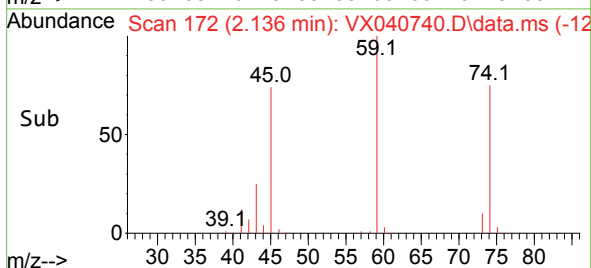
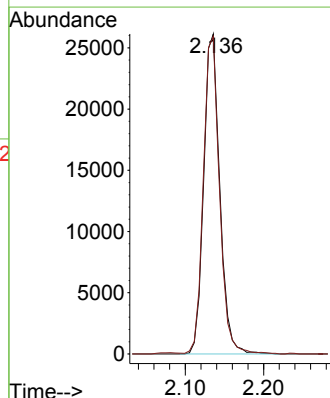
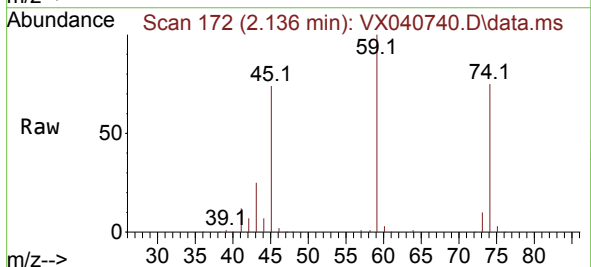


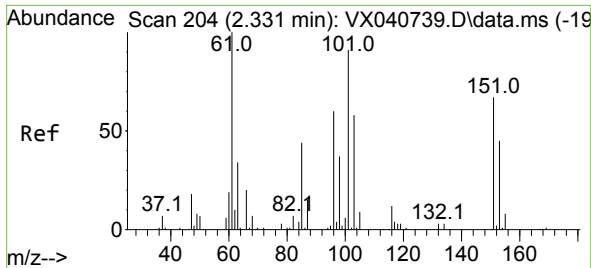
Tgt Ion:101 Resp: 113959  
 Ion Ratio Lower Upper  
 101 100  
 103 66.8 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 113.045 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.006 min  
 Lab File: VX040740.D  
 Acq: 21 Mar 2024 11:51

Tgt Ion: 74 Resp: 37137  
 Ion Ratio Lower Upper  
 74 100  
 45 100.0 53.3 159.8

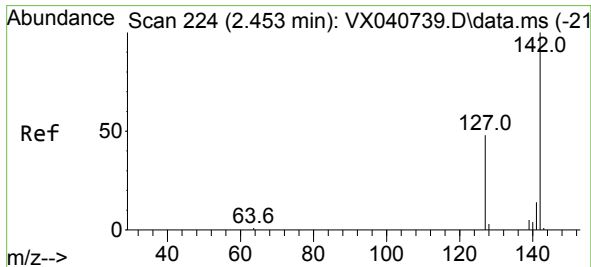
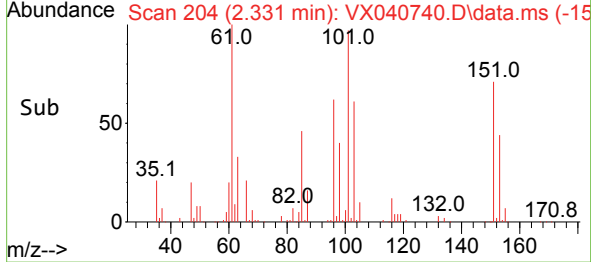
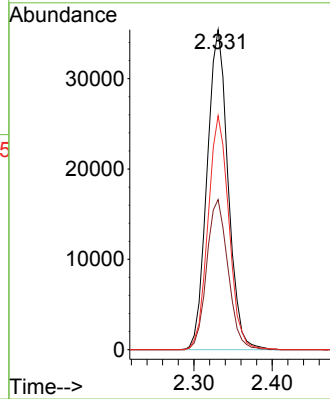
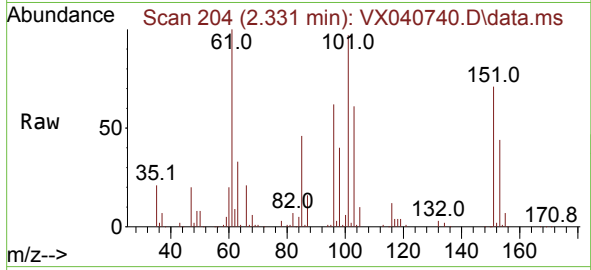




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 112.145 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

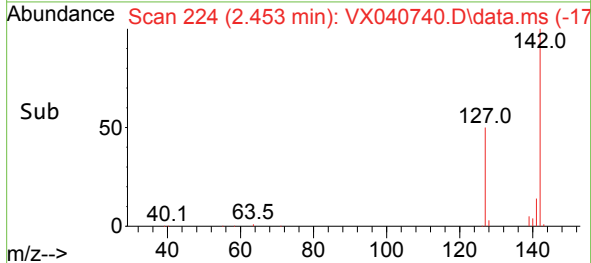
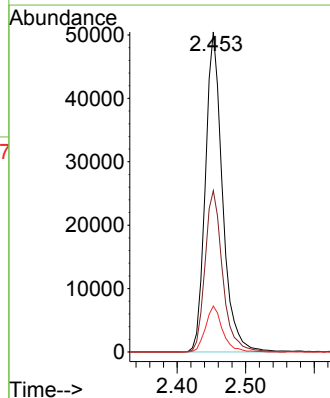
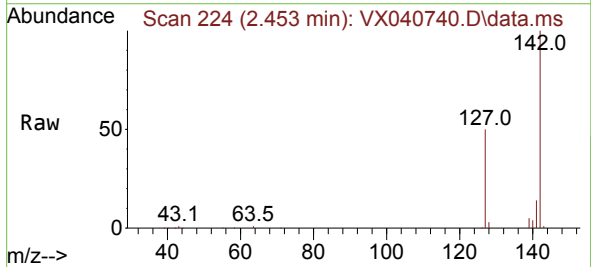
Instrument :  
MSVOA\_X  
ClientSampleId :

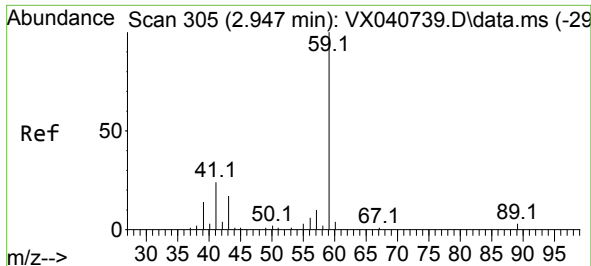
Tgt Ion:101 Resp: 65909  
Ion Ratio Lower Upper  
101 100  
85 47.8 37.0 55.6  
151 72.8 58.6 87.8



#10  
Methyl Iodide  
Concen: 112.767 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion:142 Resp: 87748  
Ion Ratio Lower Upper  
142 100  
127 51.7 41.6 62.4  
141 14.3 11.6 17.4

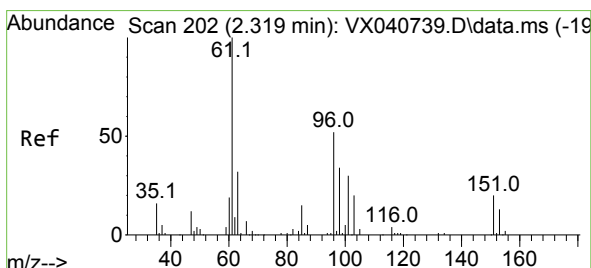
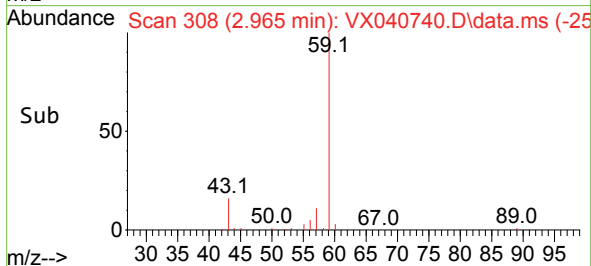
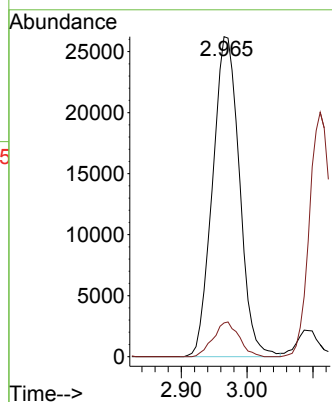
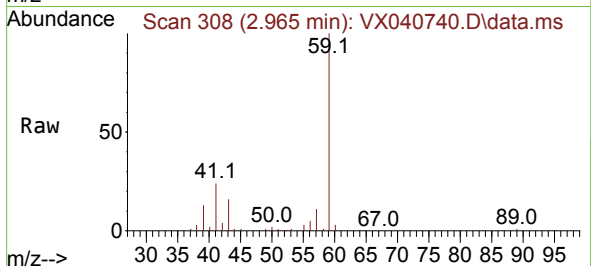




#11  
Tert butyl alcohol  
Concen: 594.097 ug/l  
RT: 2.965 min Scan# 305  
Delta R.T. 0.018 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

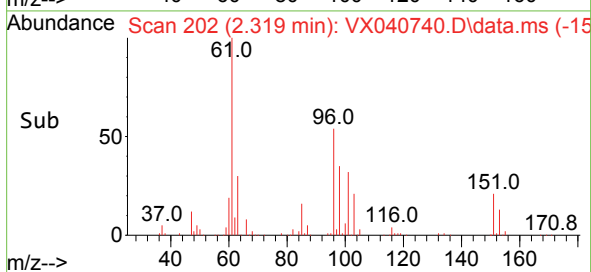
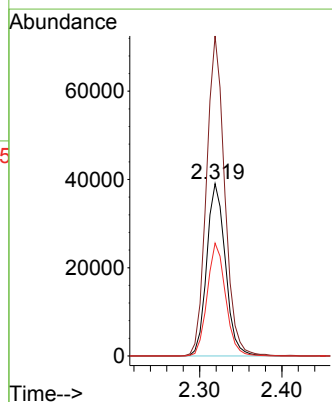
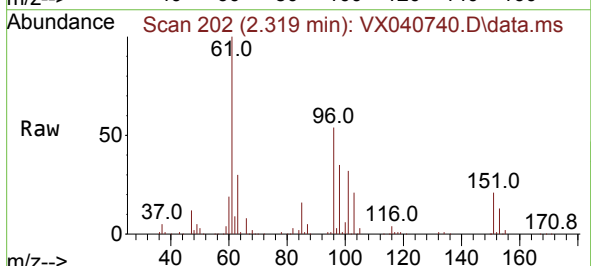
Instrument :  
MSVOA\_X  
ClientSampleId :

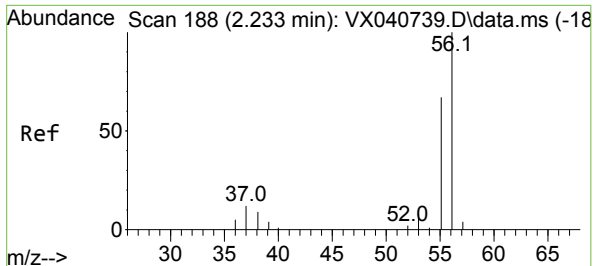
Tgt Ion: 59 Resp: 74552  
Ion Ratio Lower Upper  
59 100  
57 10.4 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 111.680 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 96 Resp: 61478  
Ion Ratio Lower Upper  
96 100  
61 185.8 144.6 216.8  
98 65.5 50.4 75.6





#13

Acrolein

Concen: 596.939 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA\_X

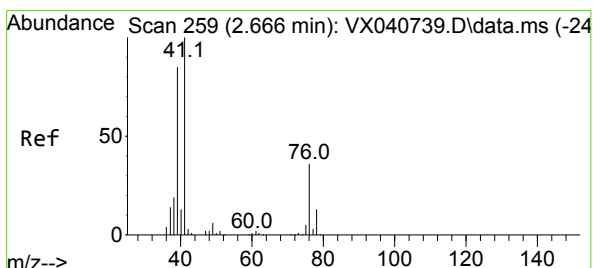
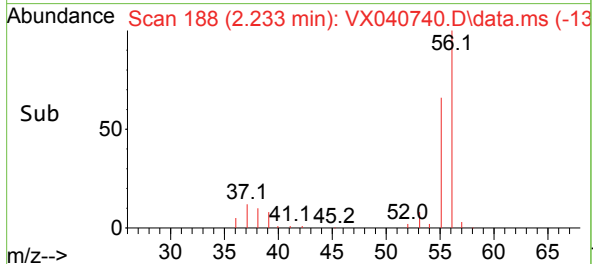
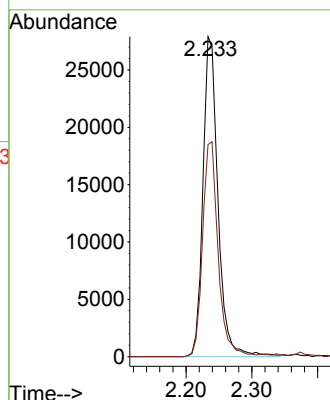
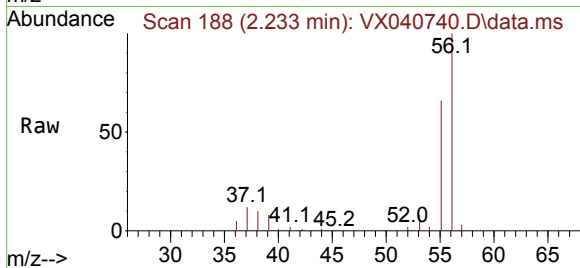
ClientSampleId :

Tgt Ion: 56 Resp: 44330

Ion Ratio Lower Upper

56 100

55 69.3 57.1 85.7



#14

Allyl chloride

Concen: 112.917 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

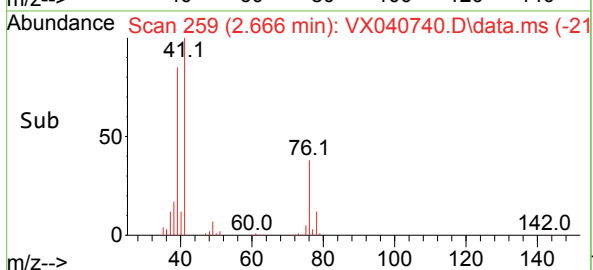
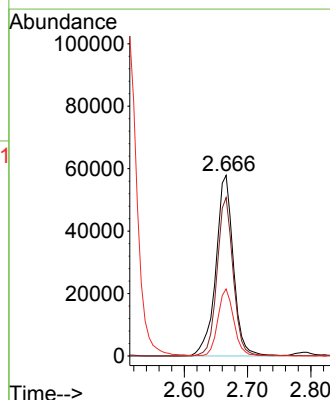
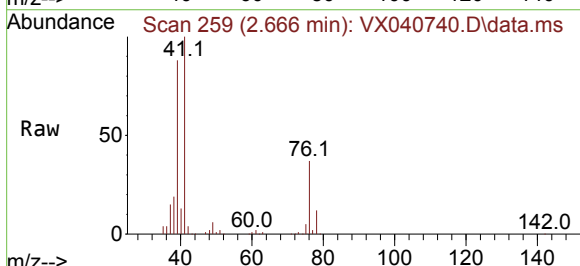
Tgt Ion: 41 Resp: 111402

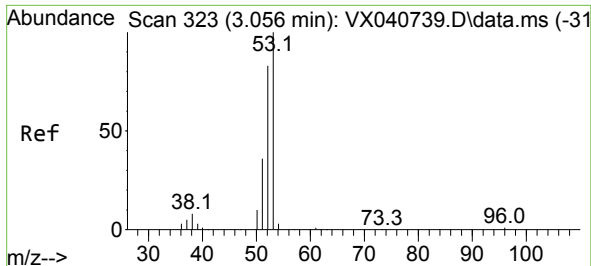
Ion Ratio Lower Upper

41 100

39 80.4 55.8 83.6

76 33.9 24.3 36.5

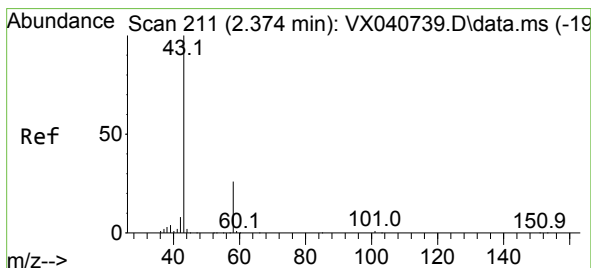
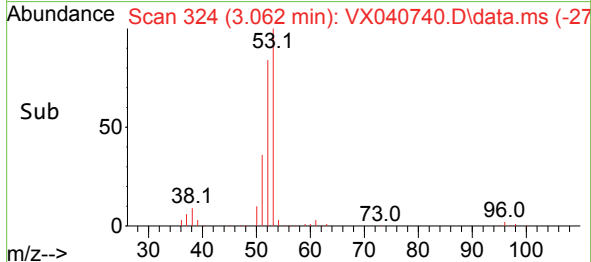
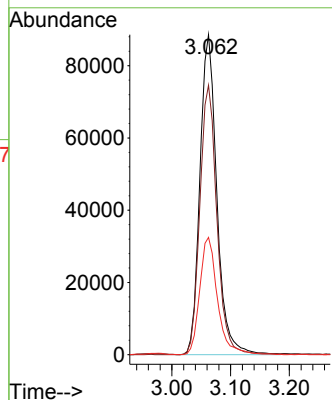
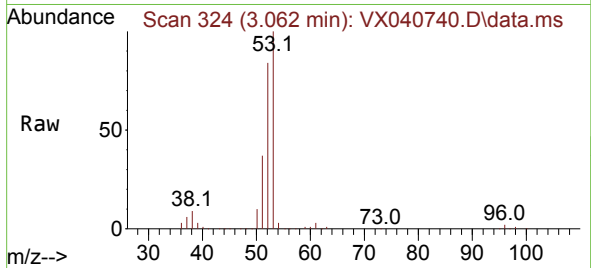




#15  
Acrylonitrile  
Concen: 571.475 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

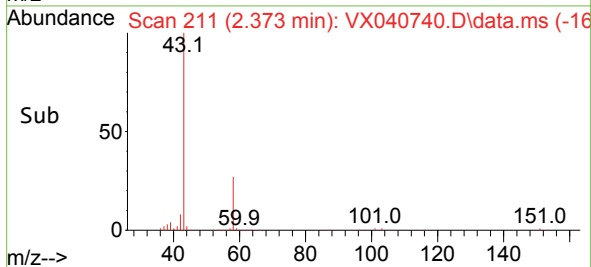
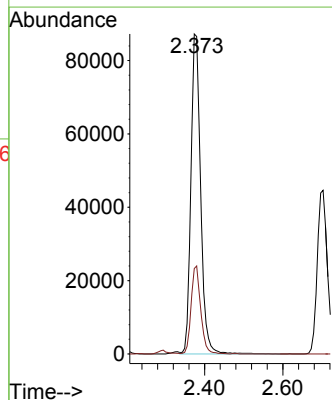
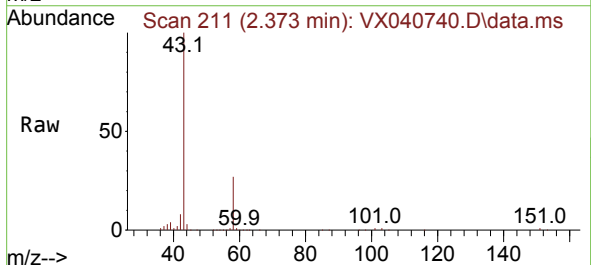
Instrument :  
MSVOA\_X  
ClientSampleId :

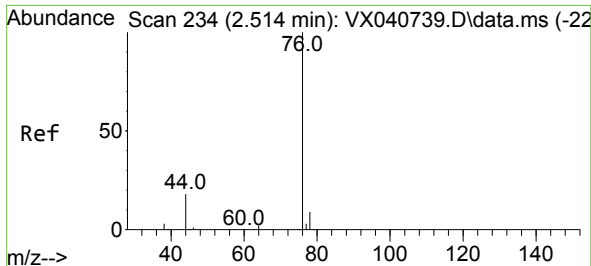
Tgt Ion: 53 Resp: 177034  
Ion Ratio Lower Upper  
53 100  
52 85.0 66.0 99.0  
51 38.6 29.8 44.6



#16  
Acetone  
Concen: 542.092 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.001 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

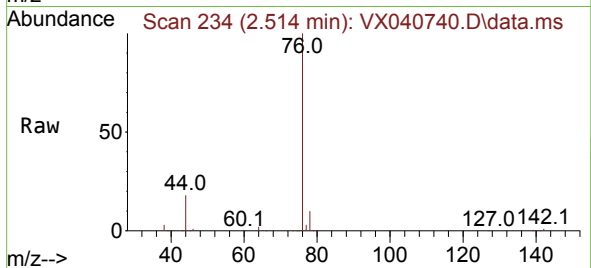
Tgt Ion: 43 Resp: 150468  
Ion Ratio Lower Upper  
43 100  
58 26.7 21.9 32.9



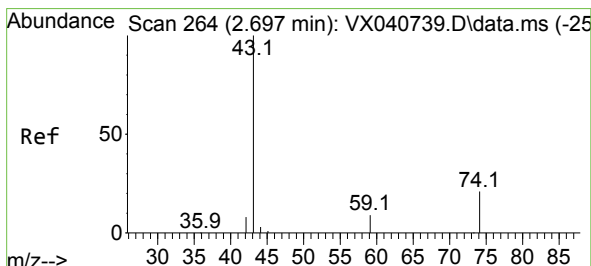
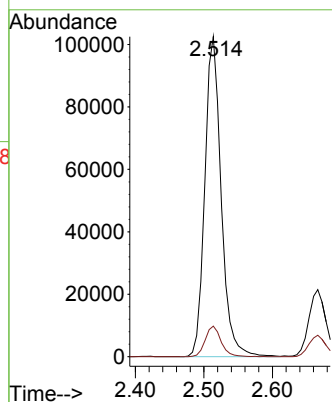
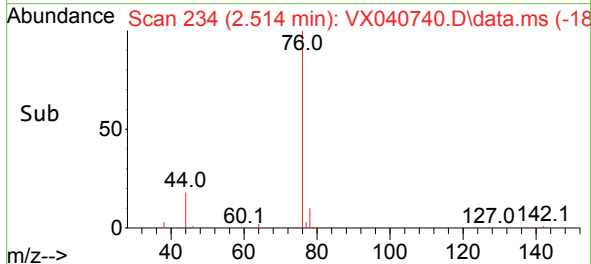


#17  
Carbon Disulfide  
Concen: 107.882 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Instrument :  
MSVOA\_X  
ClientSampleId :

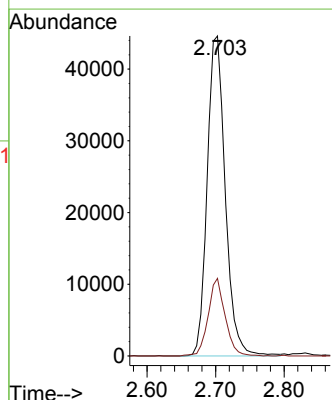
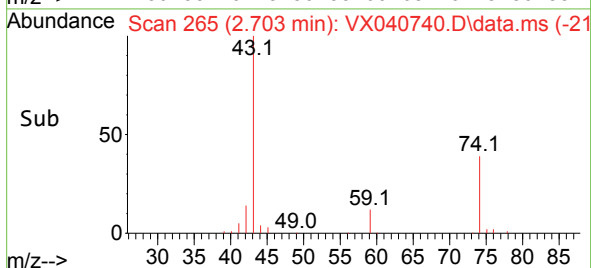
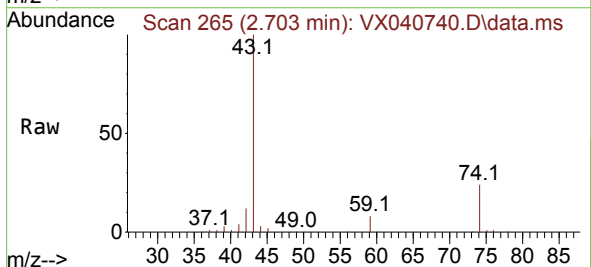


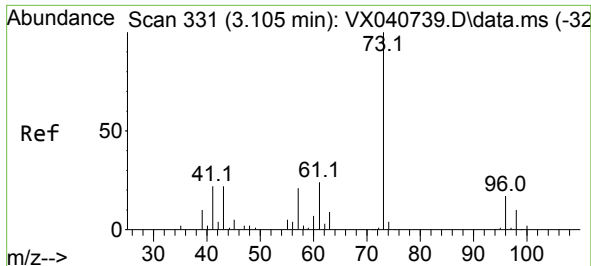
Tgt Ion: 76 Resp: 170586  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.0 10.6



#18  
Methyl Acetate  
Concen: 110.208 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 43 Resp: 81985  
Ion Ratio Lower Upper  
43 100  
74 22.8 17.8 26.8

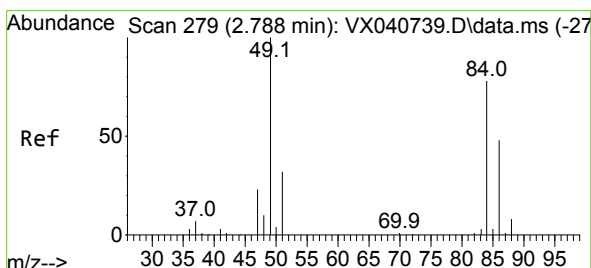
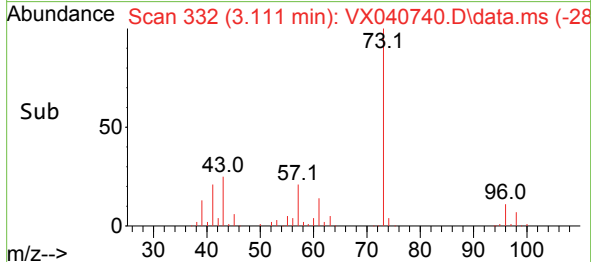
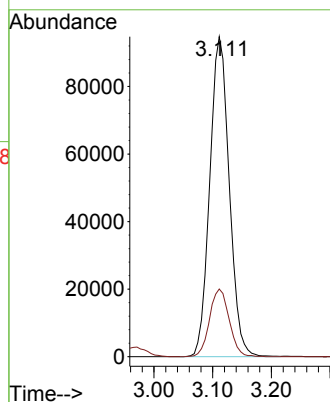
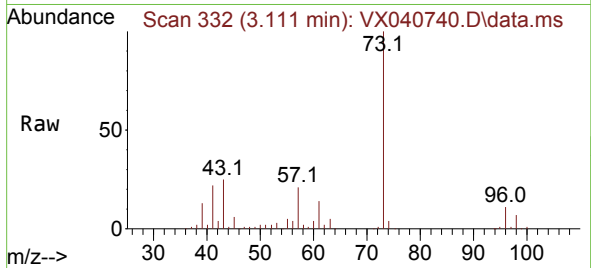




#19  
Methyl tert-butyl Ether  
Concen: 114.878 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

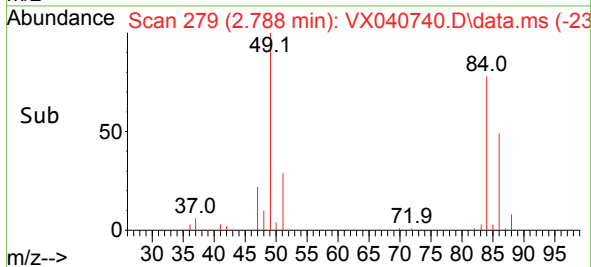
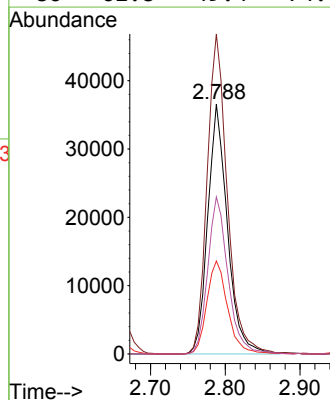
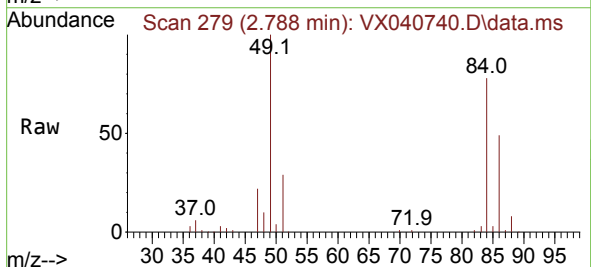
Instrument :  
MSVOA\_X  
ClientSampleId :

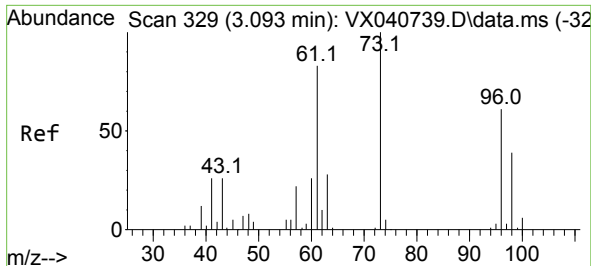
Tgt Ion: 73 Resp: 218266  
Ion Ratio Lower Upper  
73 100  
57 21.1 17.3 25.9



#20  
Methylene Chloride  
Concen: 110.258 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 84 Resp: 66898  
Ion Ratio Lower Upper  
84 100  
49 128.0 103.6 155.4  
51 37.2 33.8 50.6  
86 62.8 49.4 74.0

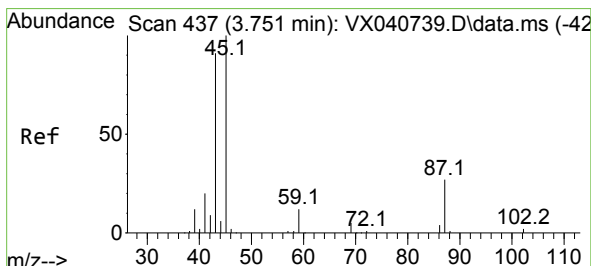
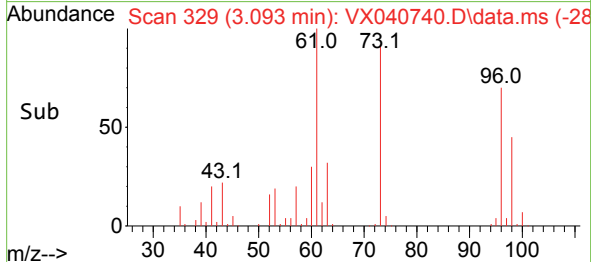
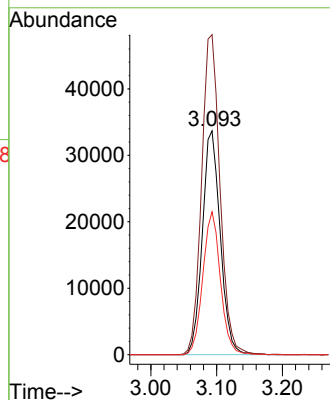
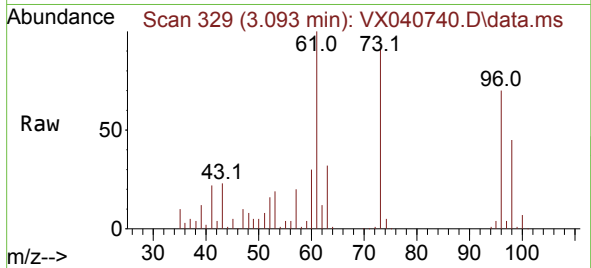




#21  
trans-1,2-Dichloroethene  
Concen: 109.985 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

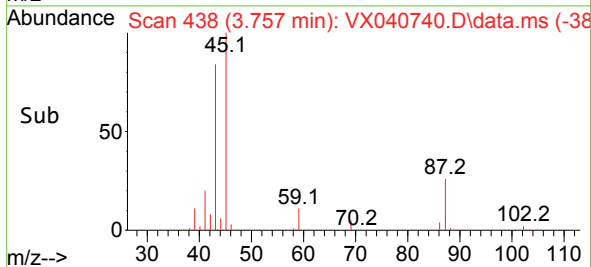
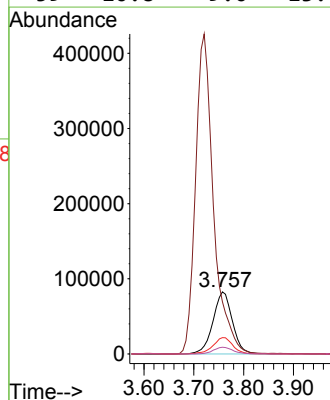
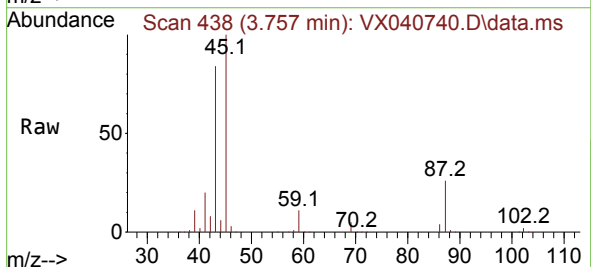
Instrument :  
MSVOA\_X  
ClientSampleId :

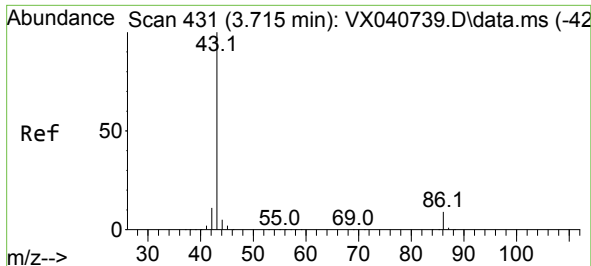
Tgt Ion: 96 Resp: 63916  
Ion Ratio Lower Upper  
96 100  
61 142.9 119.2 178.8  
98 63.8 48.7 73.1



#22  
Diisopropyl ether  
Concen: 116.052 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 45 Resp: 223416  
Ion Ratio Lower Upper  
45 100  
43 82.9 69.7 104.5  
87 26.2 20.8 31.2  
59 10.8 9.0 13.4

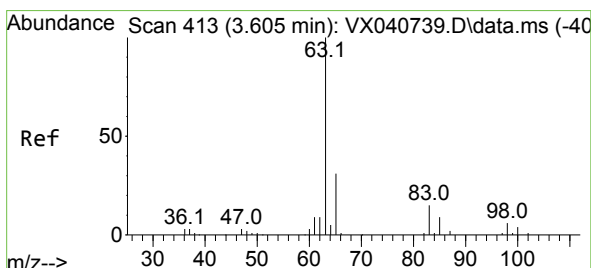
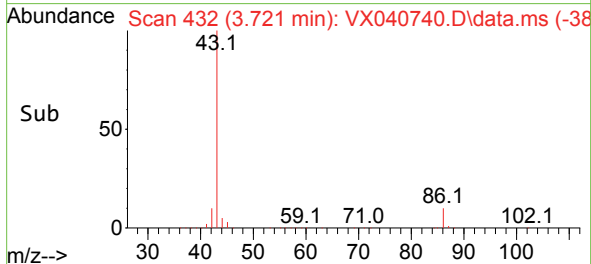
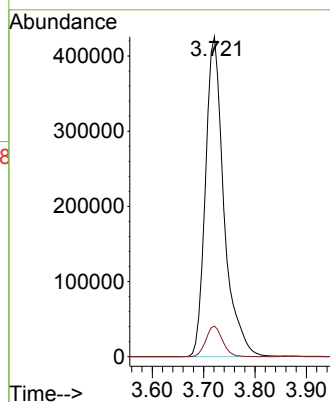
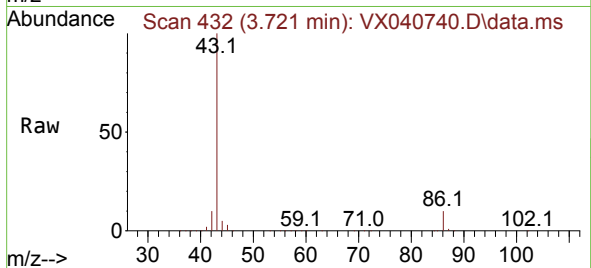




#23  
 Vinyl Acetate  
 Concen: 584.921 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX040740.D  
 Acq: 21 Mar 2024 11:51

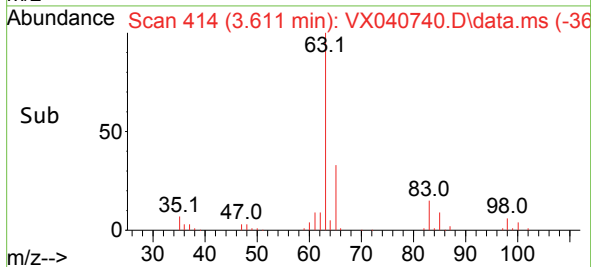
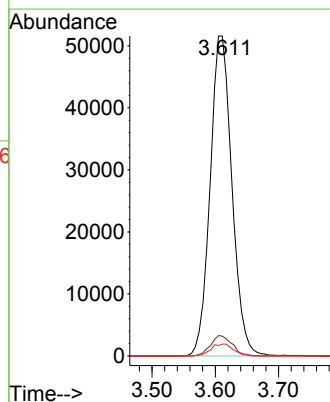
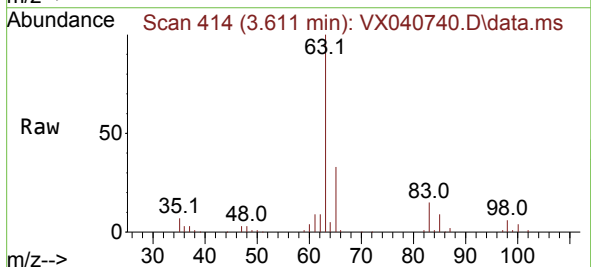
Instrument :  
 MSVOA\_X  
 ClientSampleId :

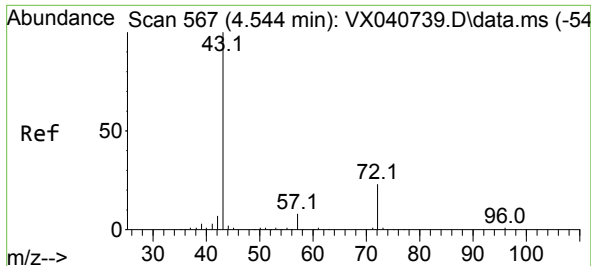
Tgt Ion: 43 Resp: 1064400  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 111.821 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX040740.D  
 Acq: 21 Mar 2024 11:51

Tgt Ion: 63 Resp: 123646  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.3 9.8  
 100 3.7 2.1 6.5

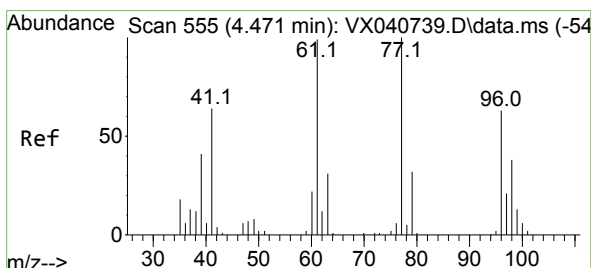
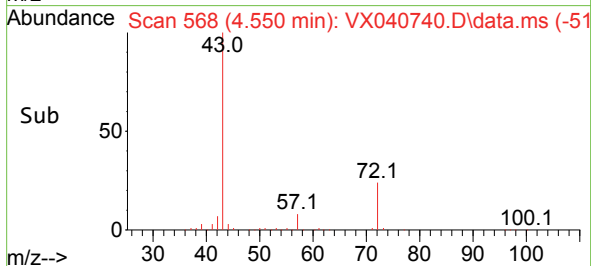
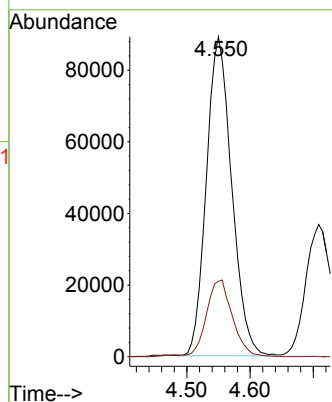
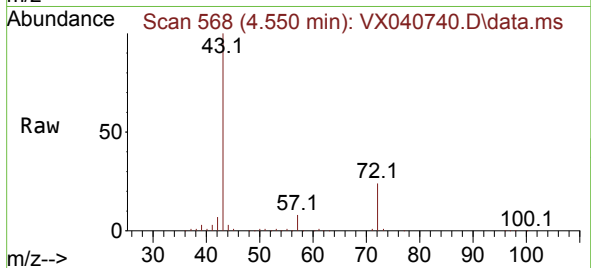




#25  
2-Butanone  
Concen: 570.742 ug/l  
RT: 4.550 min Scan# 568  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

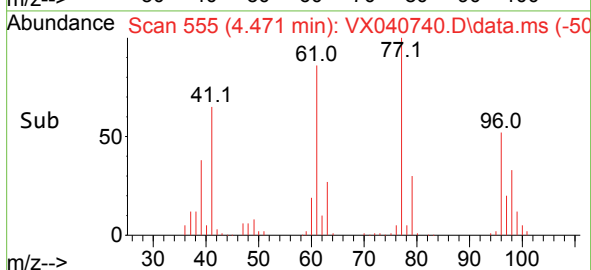
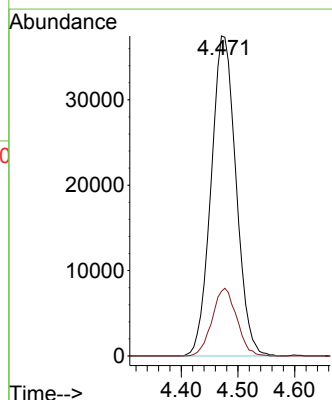
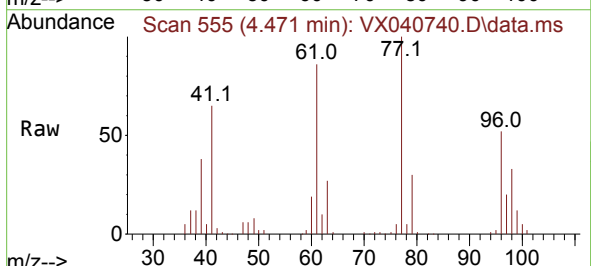
Instrument :  
MSVOA\_X  
ClientSampleId :

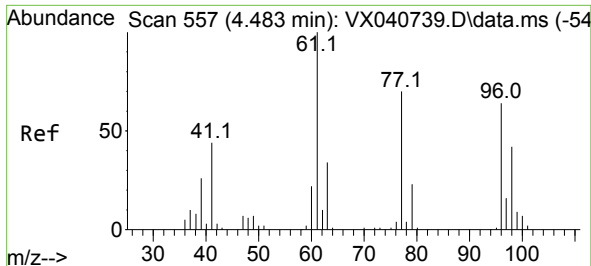
Tgt Ion: 43 Resp: 248133  
Ion Ratio Lower Upper  
43 100  
72 23.5 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 118.886 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 77 Resp: 114697  
Ion Ratio Lower Upper  
77 100  
97 20.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 112.390 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA\_X

ClientSampleId :

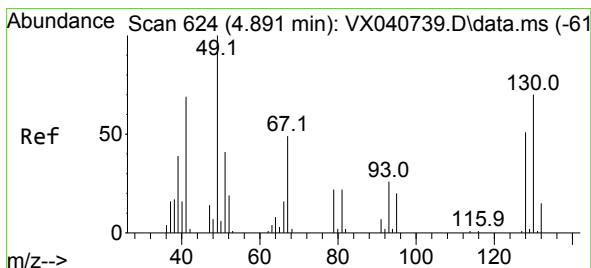
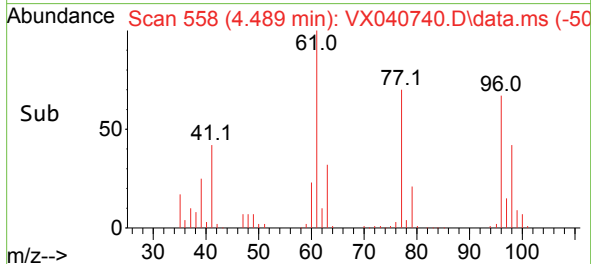
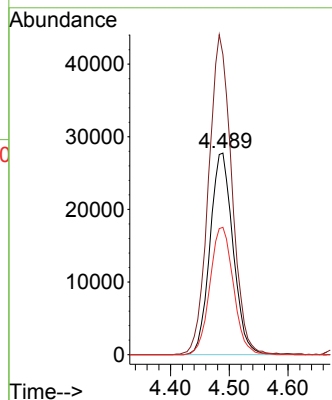
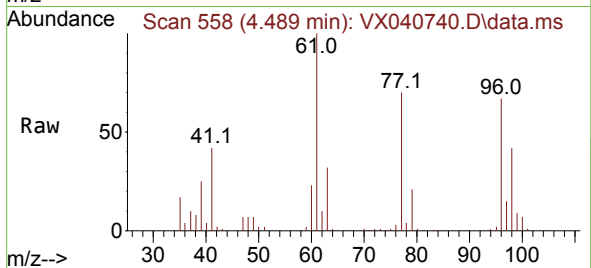
Tgt Ion: 96 Resp: 75658

Ion Ratio Lower Upper

96 100

61 159.7 0.0 312.2

98 64.4 0.0 129.0



#28

Bromochloromethane

Concen: 103.320 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

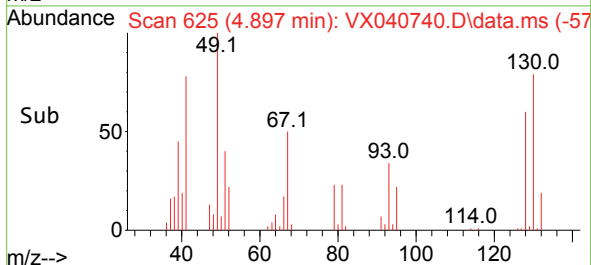
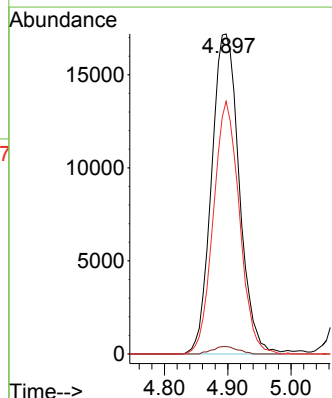
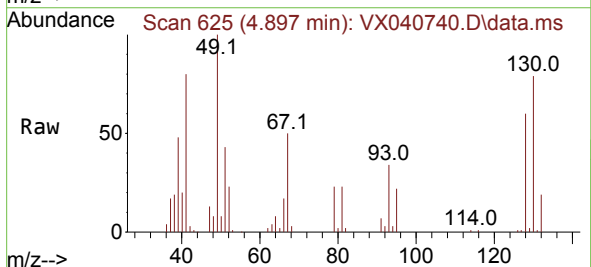
Tgt Ion: 49 Resp: 52252

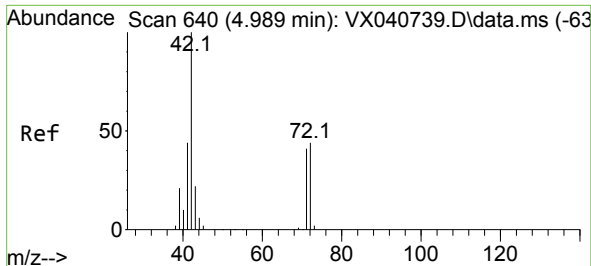
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

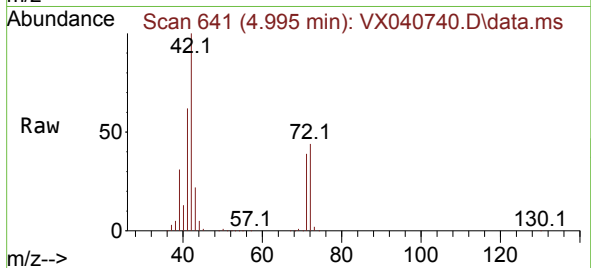
130 74.3 57.5 86.3



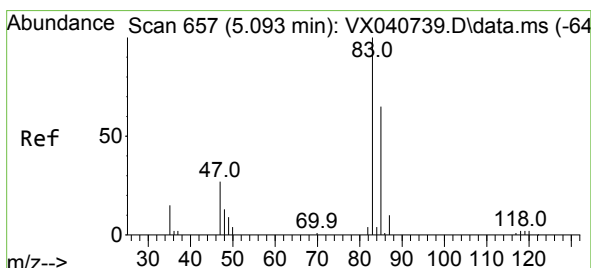
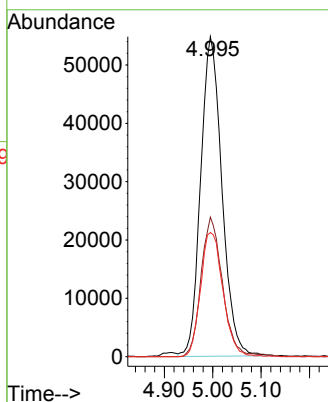
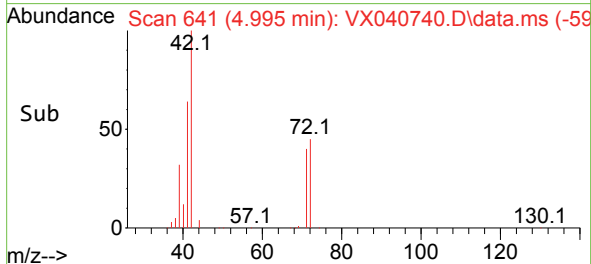


#29  
Tetrahydrofuran  
Concen: 579.653 ug/l  
RT: 4.995 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Instrument :  
MSVOA\_X  
ClientSampleId :

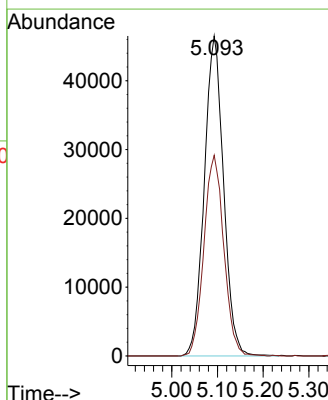
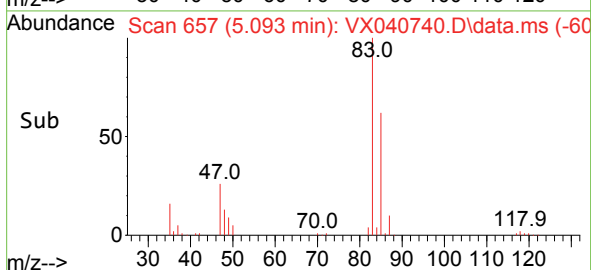
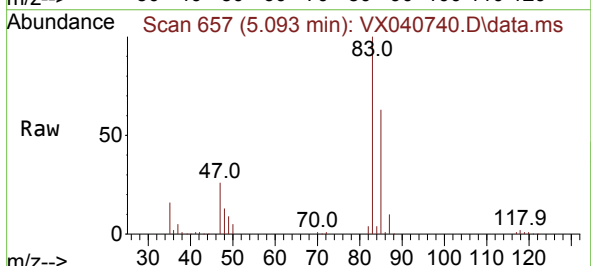


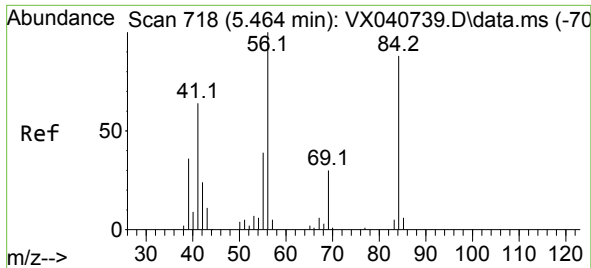
Tgt Ion: 42 Resp: 167624  
Ion Ratio Lower Upper  
42 100  
72 44.2 34.2 51.4  
71 40.8 32.2 48.2



#30  
Chloroform  
Concen: 114.983 ug/l  
RT: 5.093 min Scan# 657  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

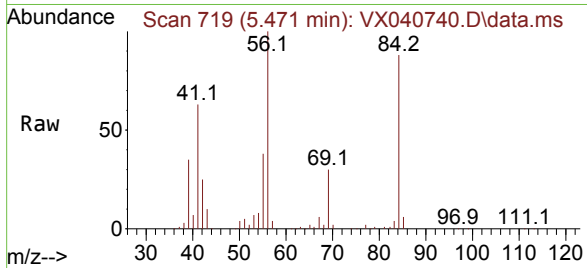
Tgt Ion: 83 Resp: 136119  
Ion Ratio Lower Upper  
83 100  
85 62.7 50.3 75.5



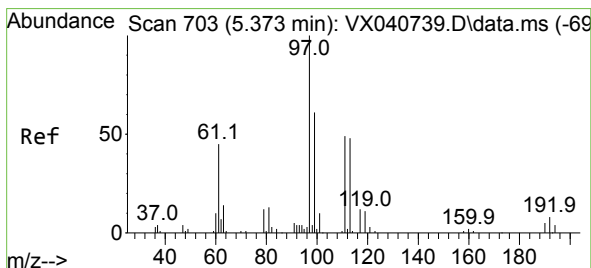
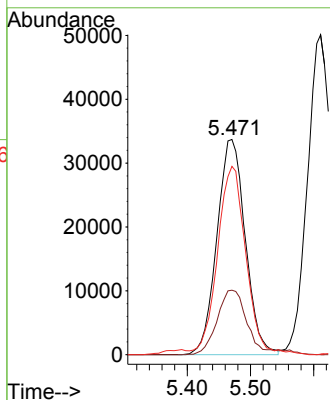
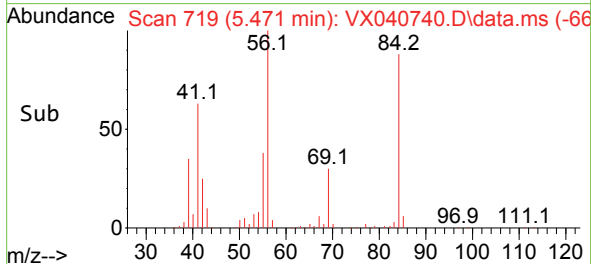


#31  
Cyclohexane  
Concen: 112.634 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Instrument :  
MSVOA\_X  
ClientSampleId :

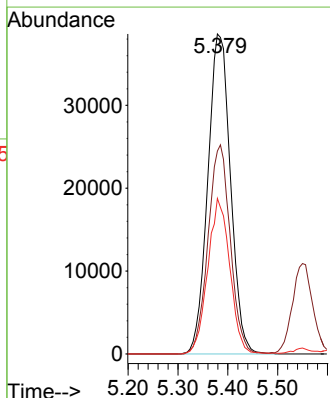
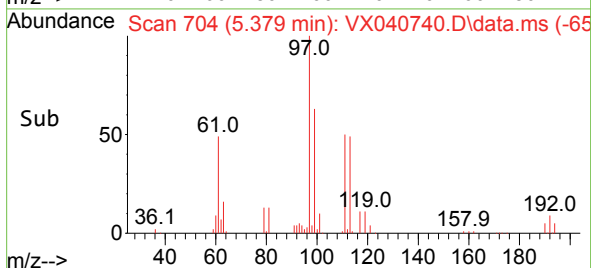
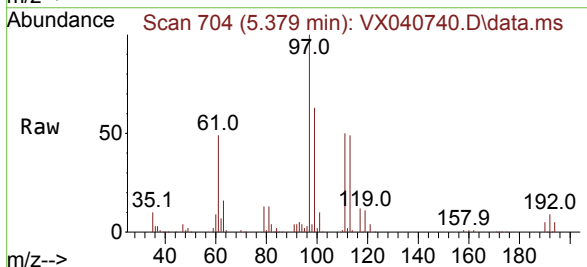


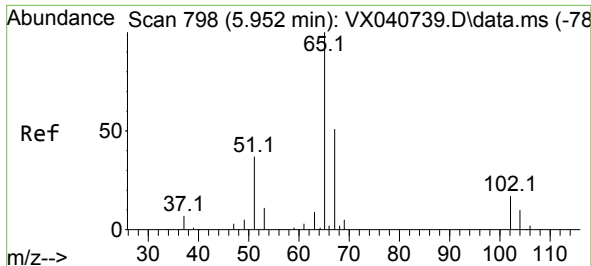
Tgt Ion: 56 Resp: 104872  
Ion Ratio Lower Upper  
56 100  
69 29.9 23.4 35.2  
84 85.4 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 120.052 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 97 Resp: 122156  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.1 76.7  
61 47.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 102.987 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA\_X

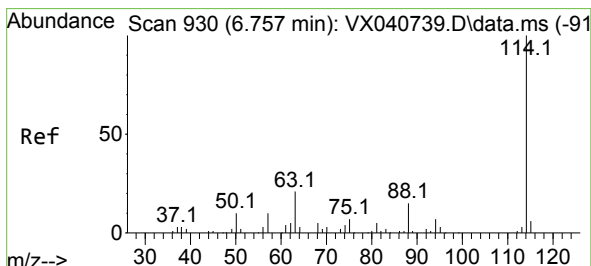
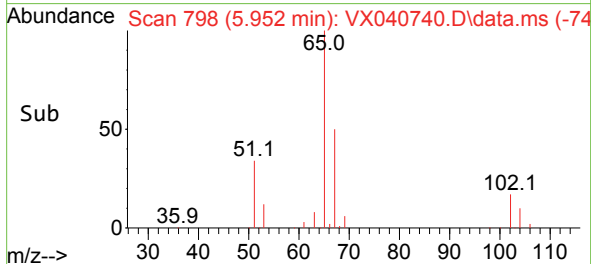
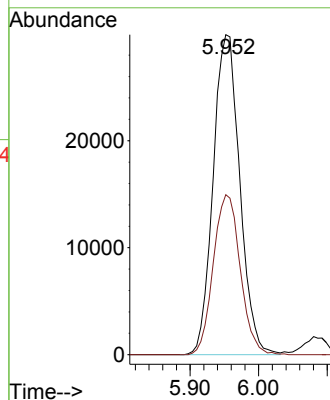
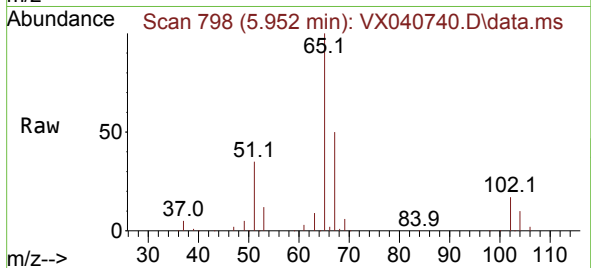
ClientSampleId :

Tgt Ion: 65 Resp: 80705

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

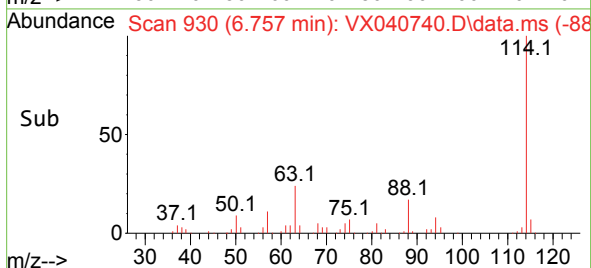
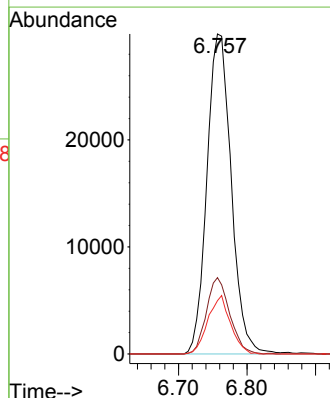
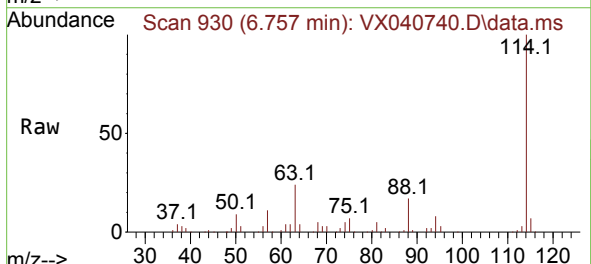
Tgt Ion: 114 Resp: 73726

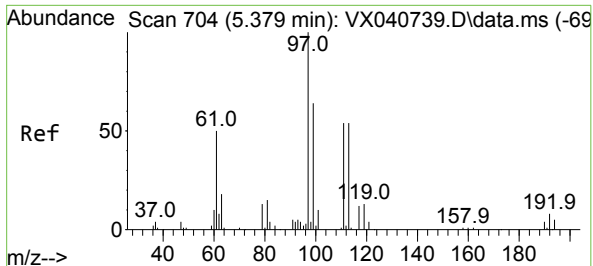
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

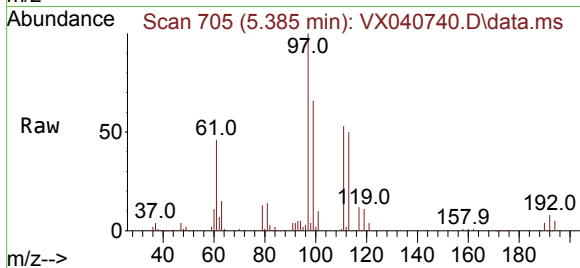
88 16.7 0.0 36.6



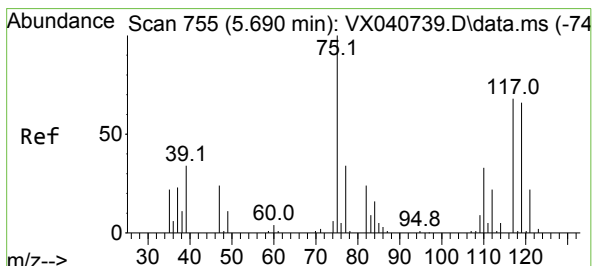
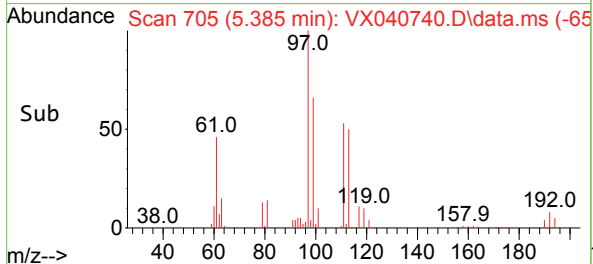
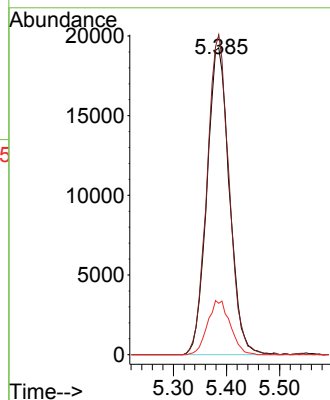


#35  
Dibromofluoromethane  
Concen: 102.581 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Instrument :  
MSVOA\_X  
ClientSampleId :

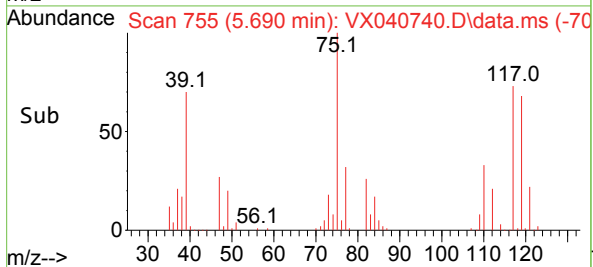
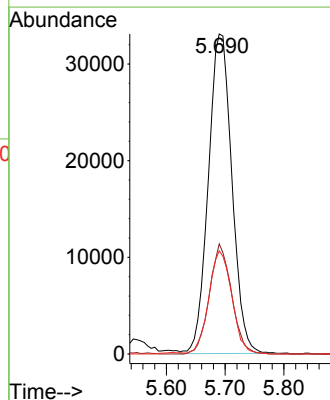
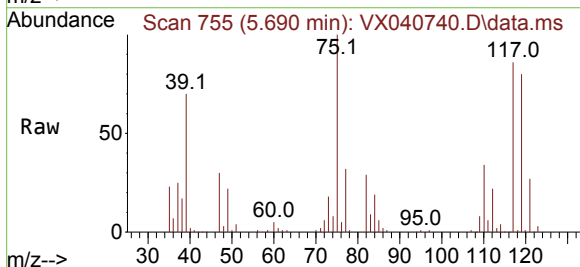


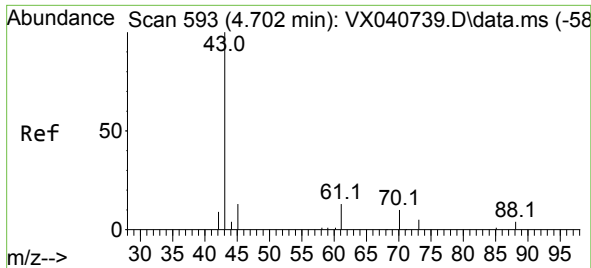
Tgt Ion:113 Resp: 56590  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.9 124.3  
192 17.8 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 113.615 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 75 Resp: 92284  
Ion Ratio Lower Upper  
75 100  
110 32.4 17.0 50.9  
77 31.5 24.7 37.1

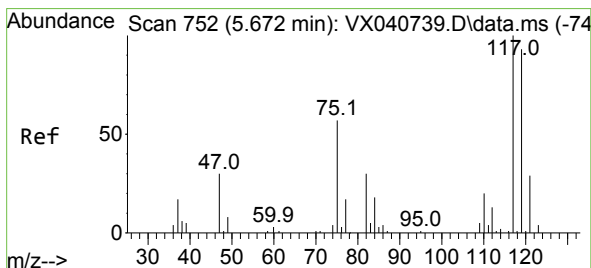
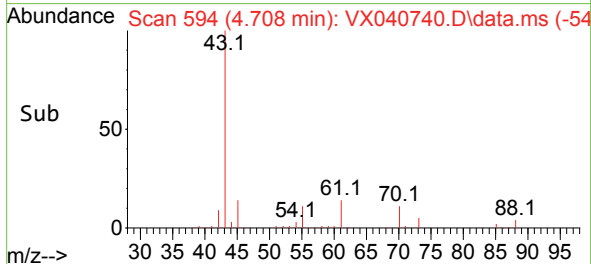
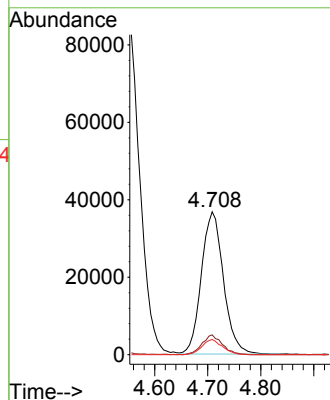
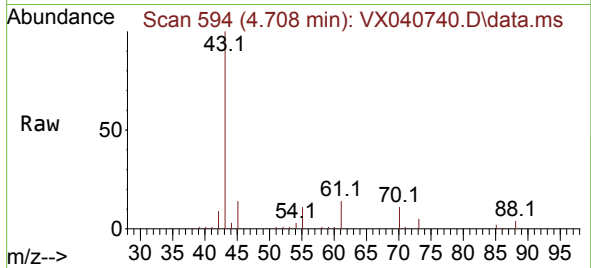




#37  
Ethyl Acetate  
Concen: 115.285 ug/l  
RT: 4.708 min Scan# 594  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

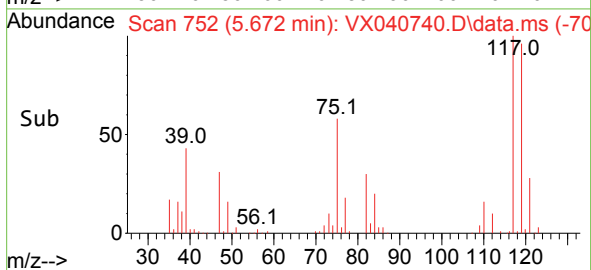
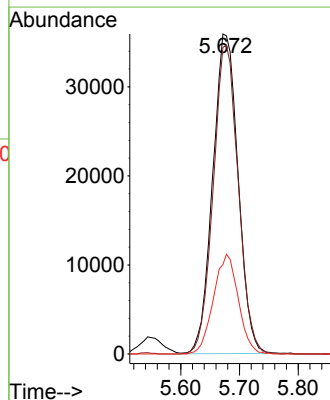
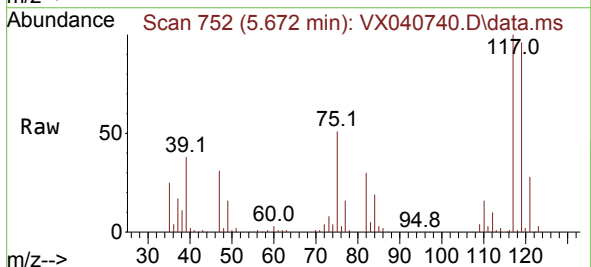
Instrument :  
MSVOA\_X  
ClientSampleId :

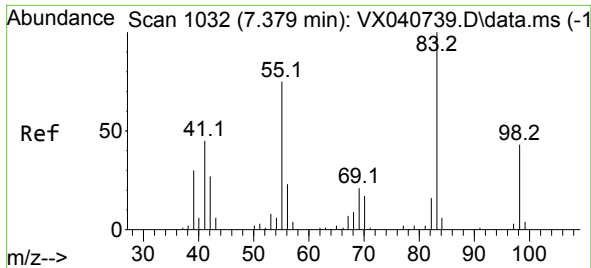
Tgt Ion: 43 Resp: 106333  
Ion Ratio Lower Upper  
43 100  
61 12.7 10.6 16.0  
70 9.9 8.3 12.5



#38  
Carbon Tetrachloride  
Concen: 117.593 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

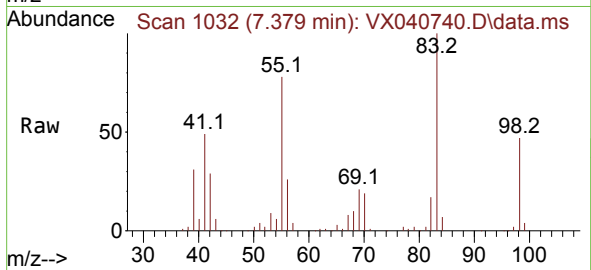
Tgt Ion: 117 Resp: 107509  
Ion Ratio Lower Upper  
117 100  
119 96.0 78.2 117.2  
121 28.0 24.4 36.6



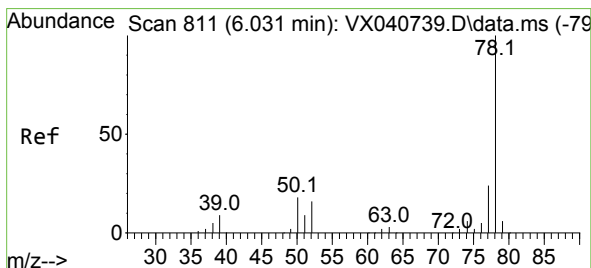
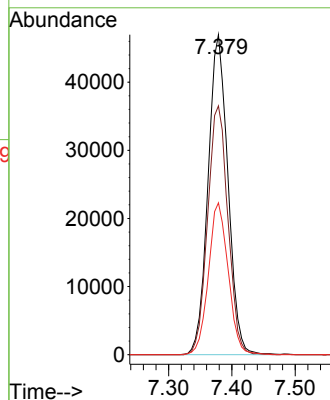
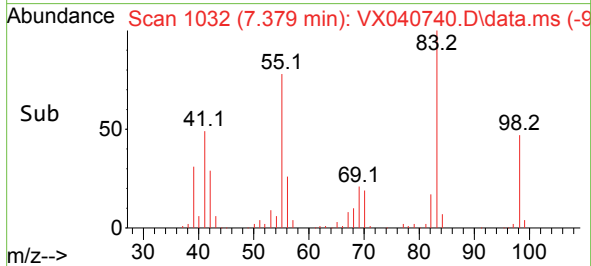


#39  
Methylcyclohexane  
Concen: 113.936 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Instrument :  
MSVOA\_X  
ClientSampleId :

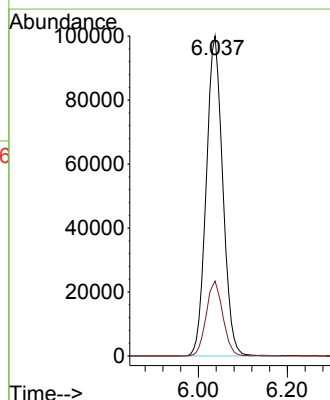
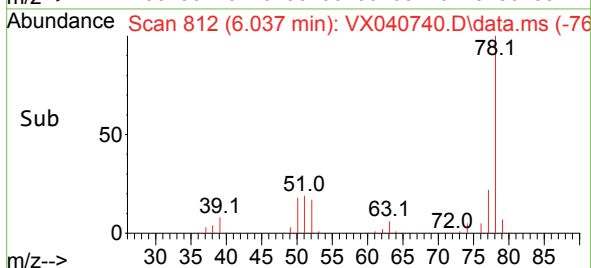
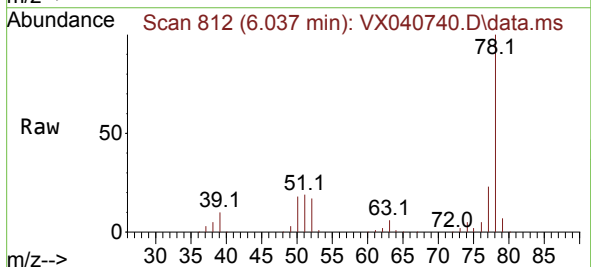


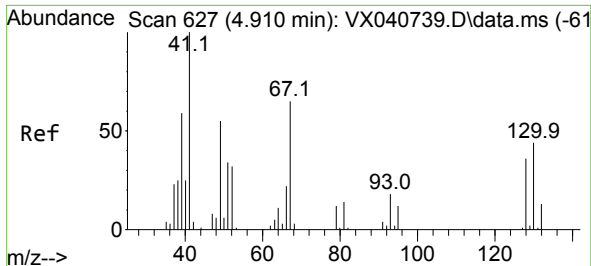
Tgt Ion: 83 Resp: 102528  
Ion Ratio Lower Upper  
83 100  
55 77.8 64.6 97.0  
98 47.4 36.7 55.1



#40  
Benzene  
Concen: 115.307 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 78 Resp: 258623  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.3 28.9

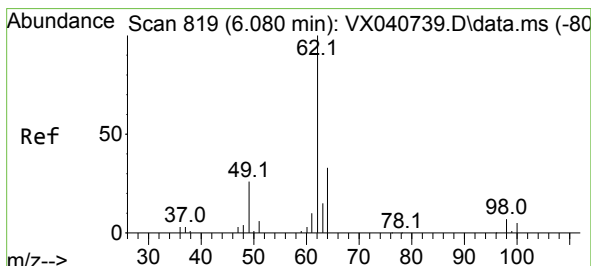
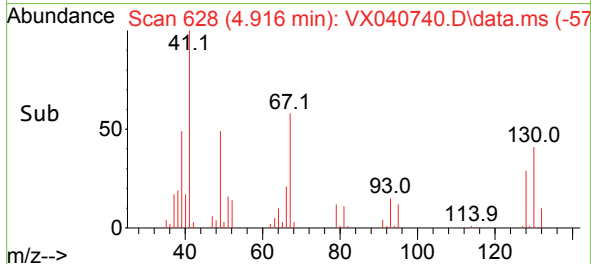
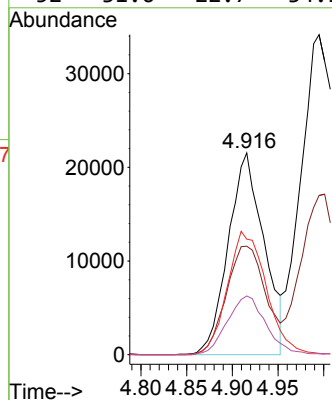
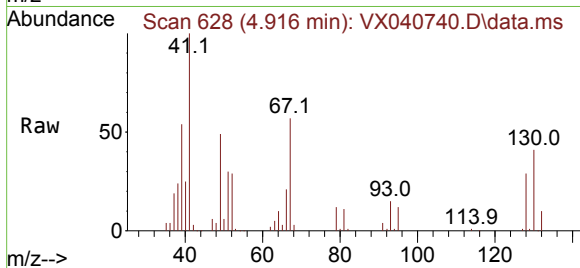




#41  
Methacrylonitrile  
Concen: 124.018 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

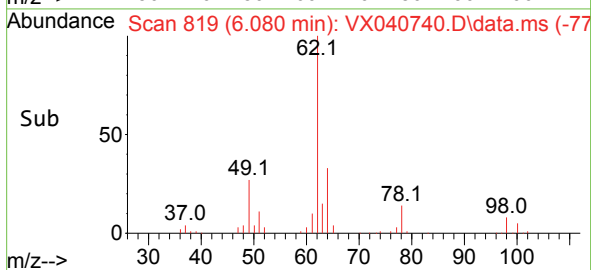
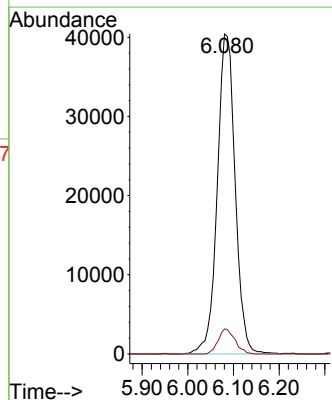
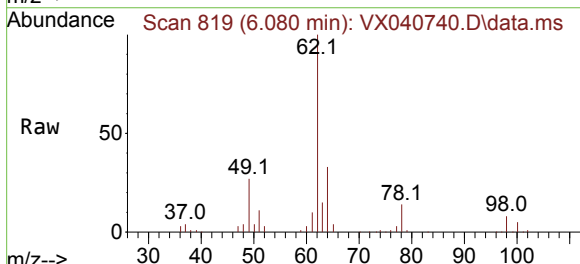
Instrument :  
MSVOA\_X  
ClientSampleId :

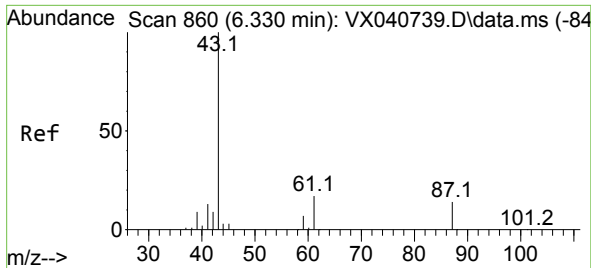
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 58645 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 59.5  | 45.2  | 67.8  |
| 67       | 66.6  | 52.6  | 78.8  |
| 52       | 31.6  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 120.996 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

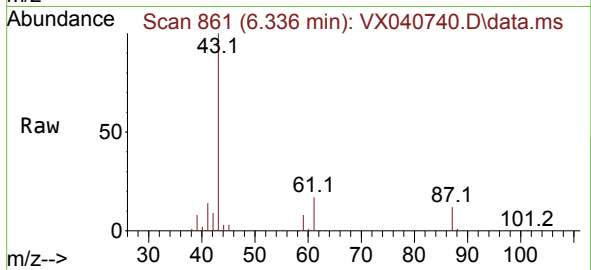
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 109817 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 7.4   | 0.0   | 16.0   |



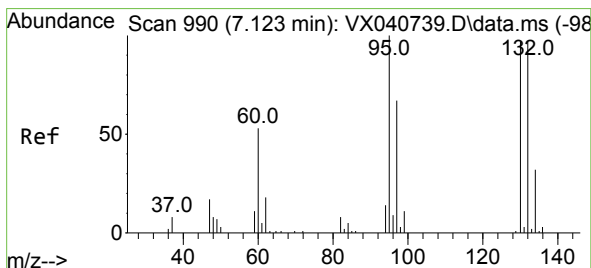
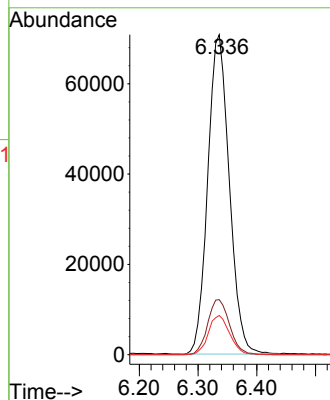
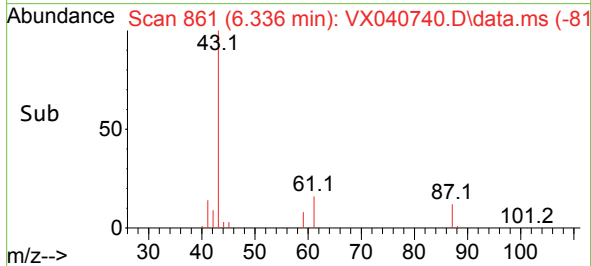


#43  
Isopropyl Acetate  
Concen: 124.272 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Instrument :  
MSVOA\_X  
ClientSampleId :

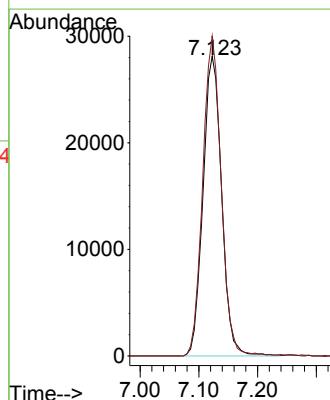
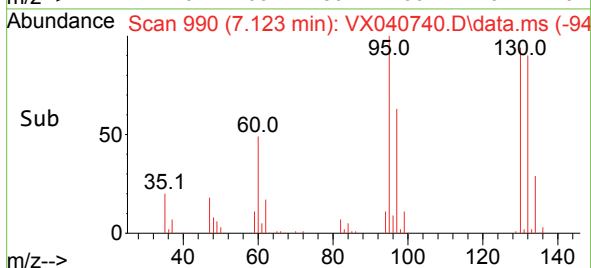
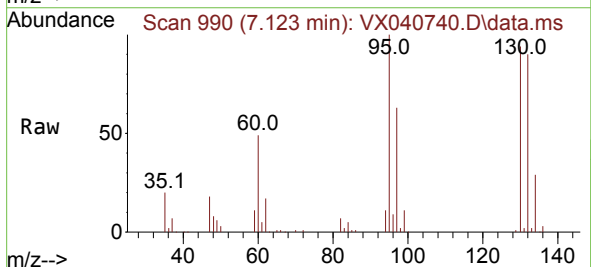


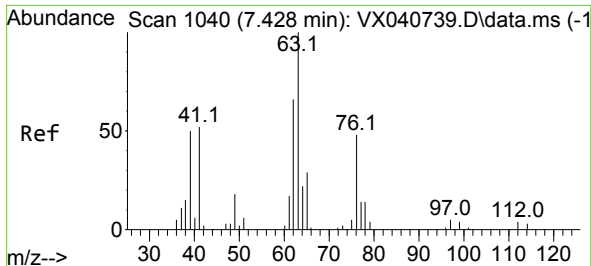
Tgt Ion: 43 Resp: 179992  
Ion Ratio Lower Upper  
43 100  
61 17.6 15.2 22.8  
87 12.2 9.8 14.6



#44  
Trichloroethene  
Concen: 115.184 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion:130 Resp: 61923  
Ion Ratio Lower Upper  
130 100  
95 106.7 0.0 204.4

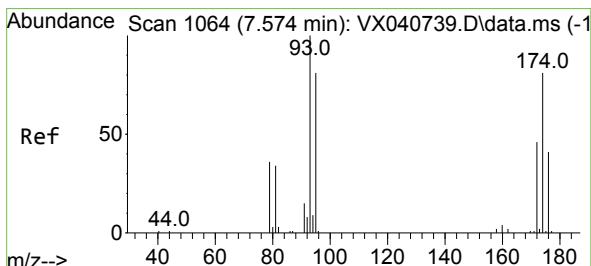
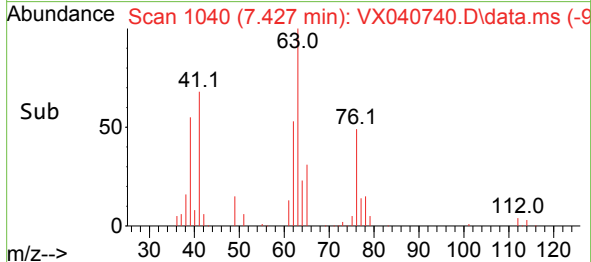
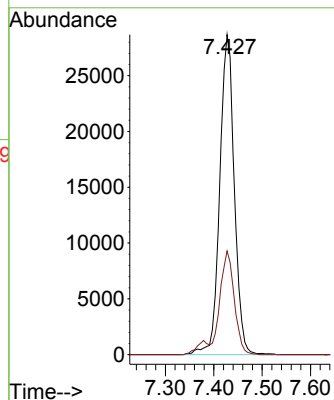
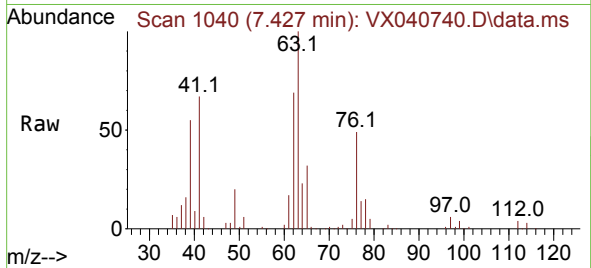




#45  
1,2-Dichloropropane  
Concen: 114.076 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

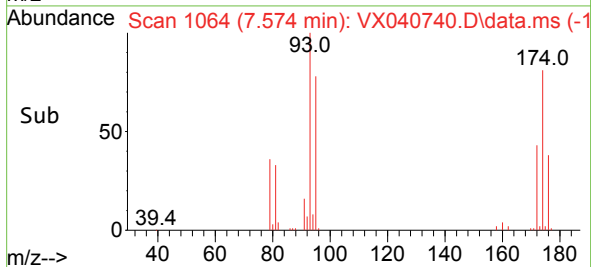
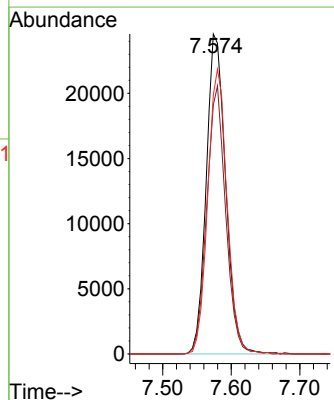
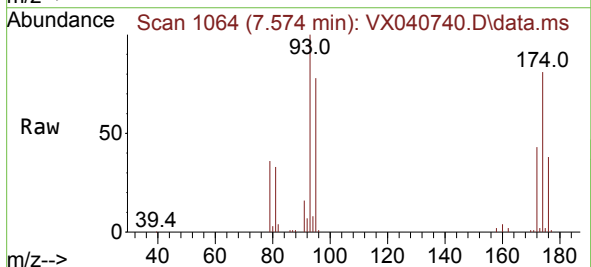
Instrument :  
MSVOA\_X  
ClientSampleId :

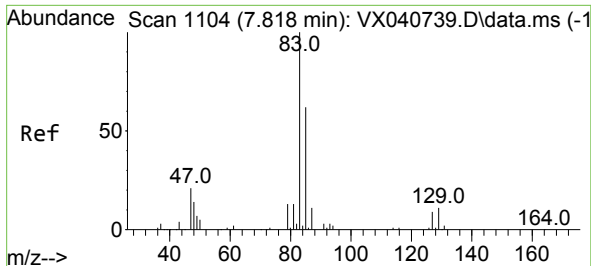
Tgt Ion: 63 Resp: 60030  
Ion Ratio Lower Upper  
63 100  
65 32.4 24.3 36.5



#46  
Dibromomethane  
Concen: 116.012 ug/l  
RT: 7.574 min Scan# 1064  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 93 Resp: 48351  
Ion Ratio Lower Upper  
93 100  
95 81.8 66.6 100.0  
174 88.6 69.4 104.0

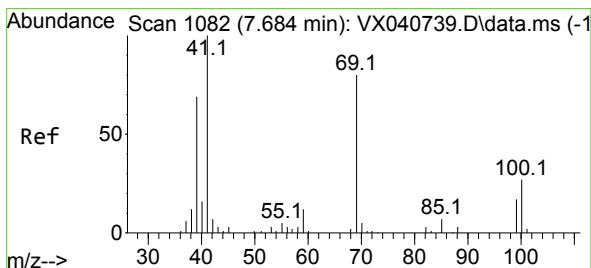
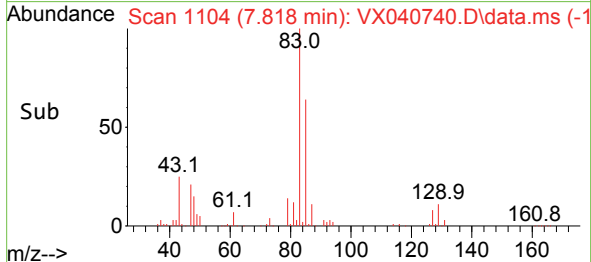
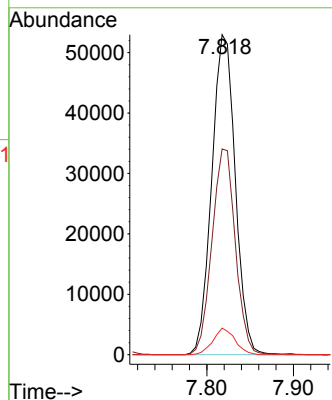
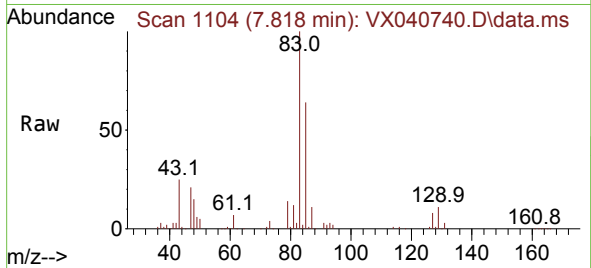




#47  
Bromodichloromethane  
Concen: 117.464 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

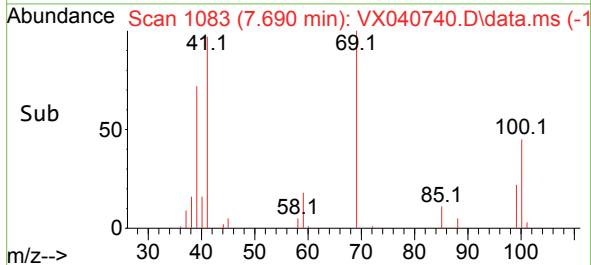
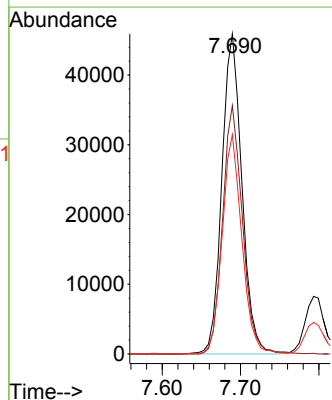
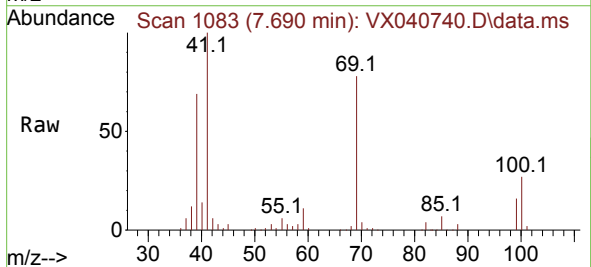
Instrument :  
MSVOA\_X  
ClientSampleId :

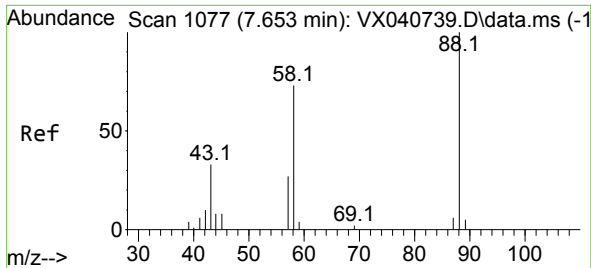
Tgt Ion: 83 Resp: 100033  
Ion Ratio Lower Upper  
83 100  
85 64.3 49.8 74.6  
127 8.3 7.1 10.7



#48  
Methyl methacrylate  
Concen: 123.195 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 41 Resp: 81554  
Ion Ratio Lower Upper  
41 100  
69 77.3 59.2 88.8  
39 67.8 47.7 71.5

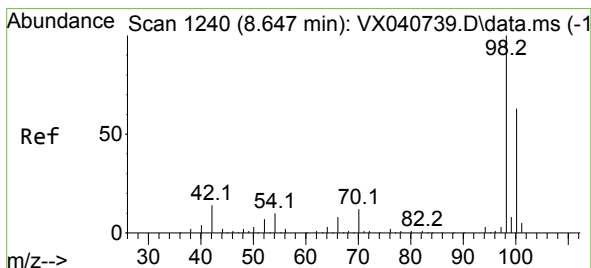
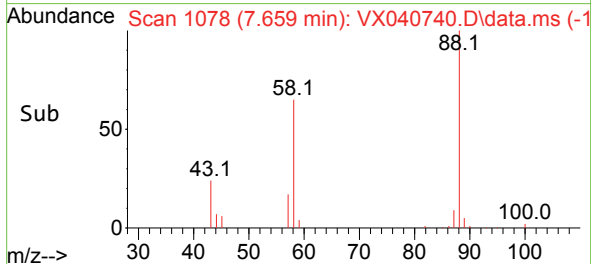
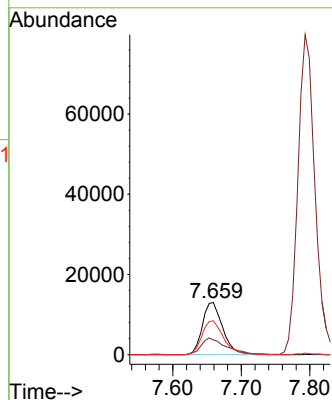
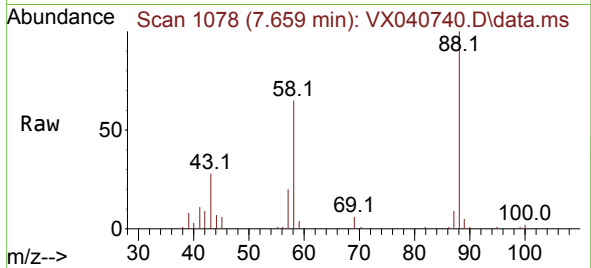




#49  
1,4-Dioxane  
Concen: 2405.140 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

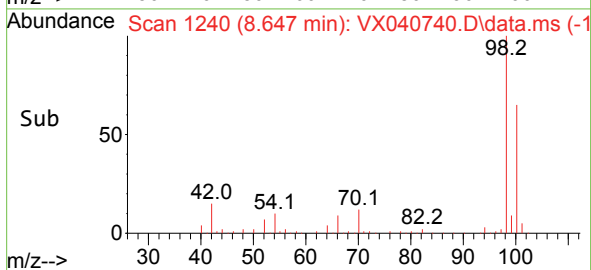
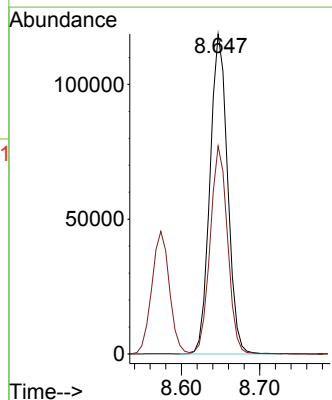
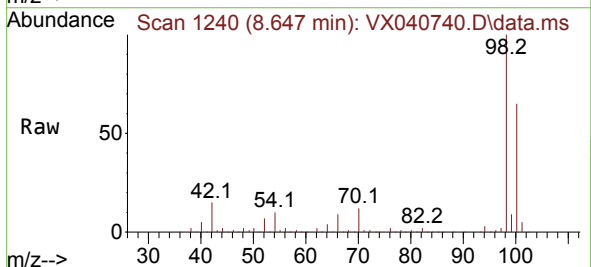
Instrument :  
MSVOA\_X  
ClientSampleId :

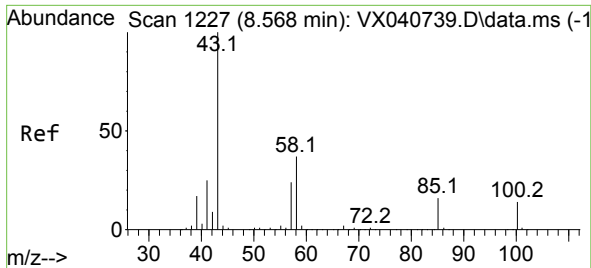
Tgt Ion: 88 Resp: 26871  
Ion Ratio Lower Upper  
88 100  
43 39.5 0.0 0.0#  
58 69.0 60.1 90.1



#50  
Toluene-d8  
Concen: 97.890 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 98 Resp: 184907  
Ion Ratio Lower Upper  
98 100  
100 64.4 53.1 79.7

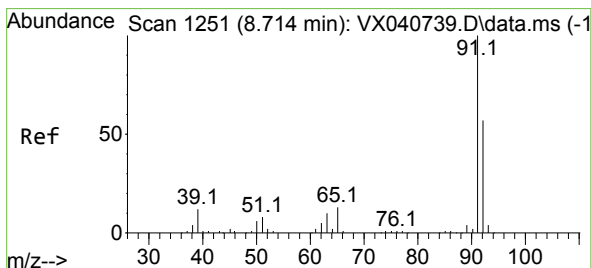
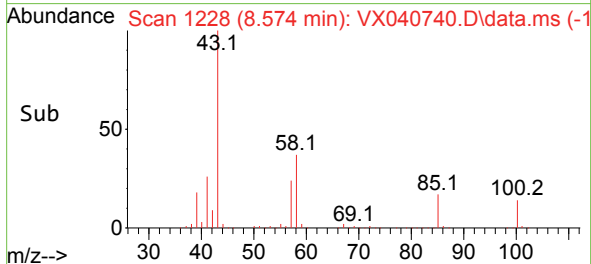
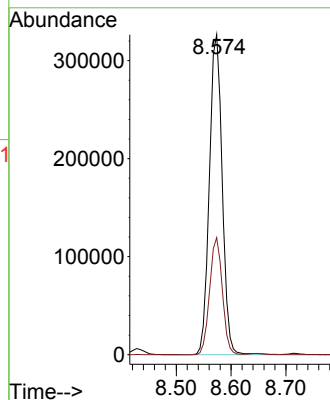
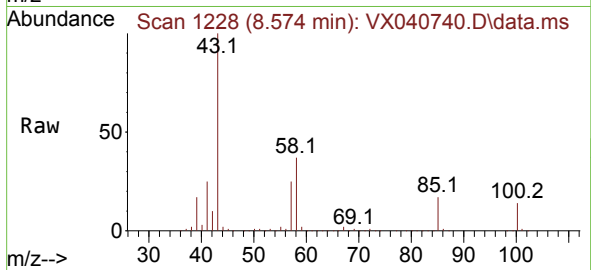




#51  
4-Methyl-2-Pentanone  
Concen: 588.460 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

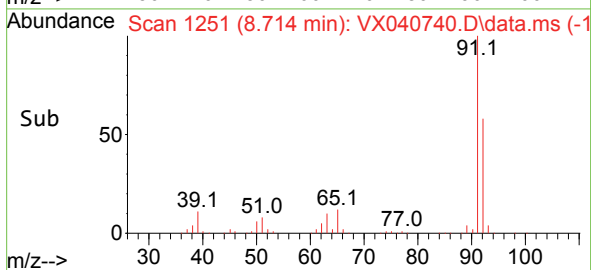
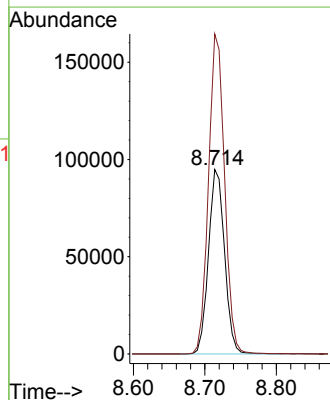
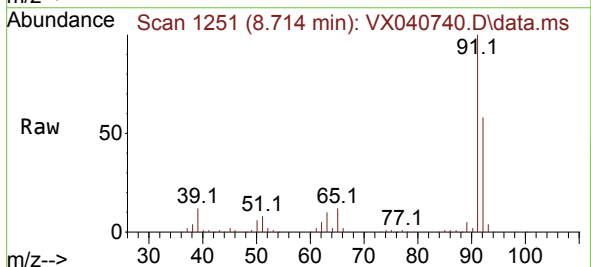
Instrument :  
MSVOA\_X  
ClientSampleId :

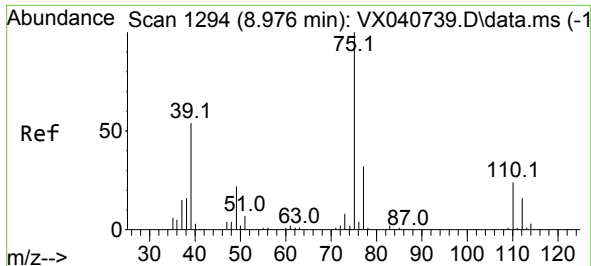
Tgt Ion: 43 Resp: 528565  
Ion Ratio Lower Upper  
43 100  
58 36.1 30.4 45.6



#52  
Toluene  
Concen: 110.525 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 92 Resp: 147845  
Ion Ratio Lower Upper  
92 100  
91 173.6 134.2 201.2

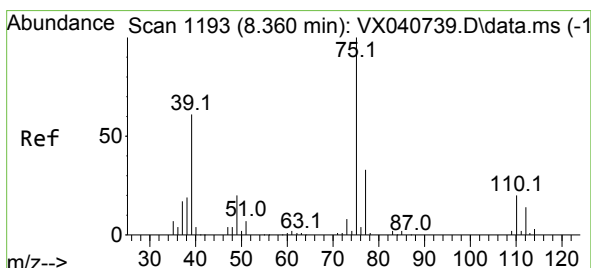
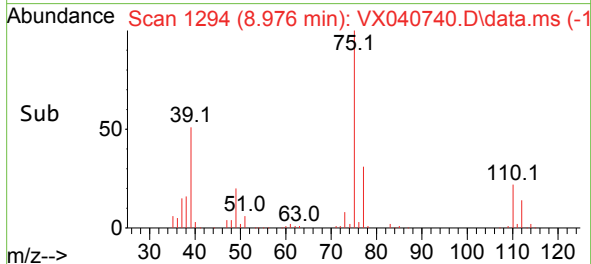
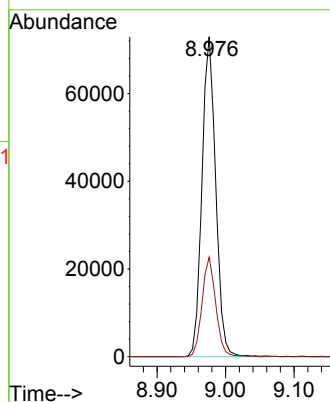
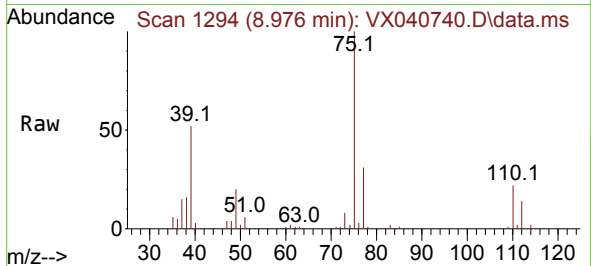




#53  
 t-1,3-Dichloropropene  
 Concen: 115.692 ug/l  
 RT: 8.976 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX040740.D  
 Acq: 21 Mar 2024 11:51

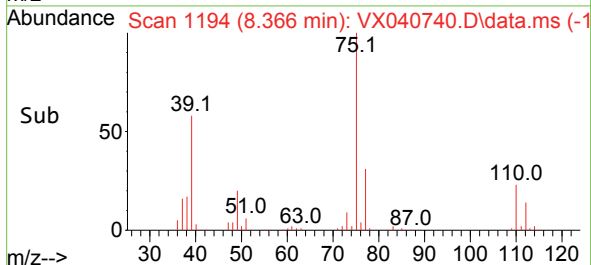
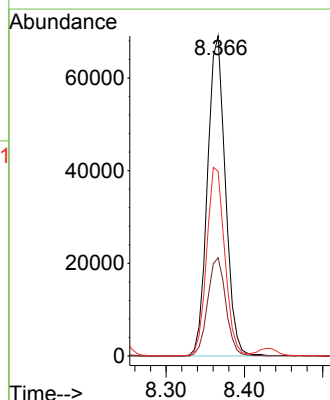
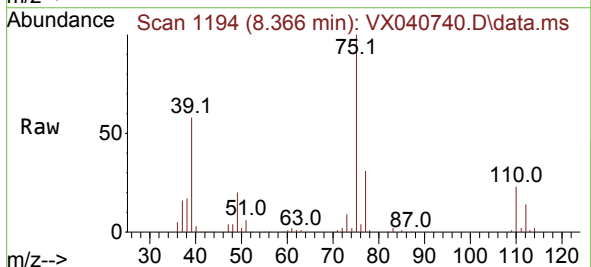
Instrument :  
 MSVOA\_X  
 ClientSampleId :

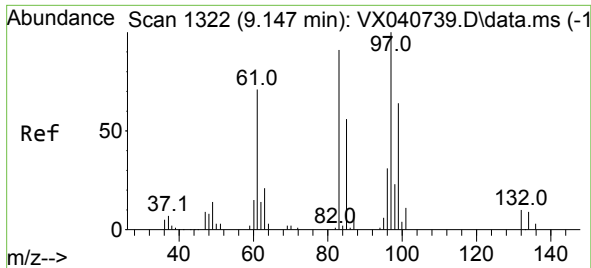
Tgt Ion: 75 Resp: 101920  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 120.062 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.006 min  
 Lab File: VX040740.D  
 Acq: 21 Mar 2024 11:51

Tgt Ion: 75 Resp: 109389  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.3 37.9  
 39 57.6 46.7 70.1



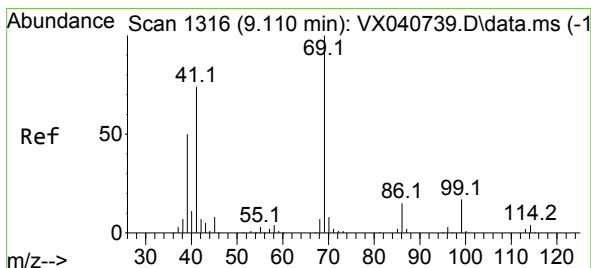
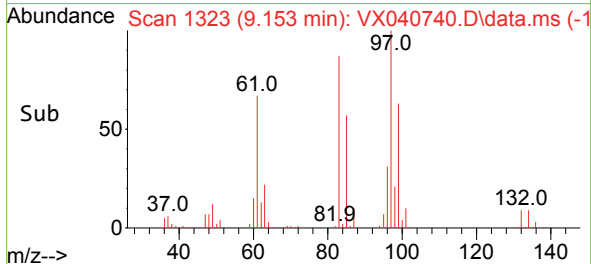
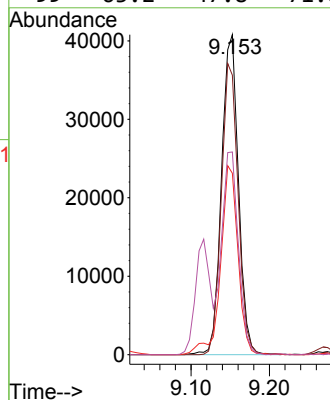
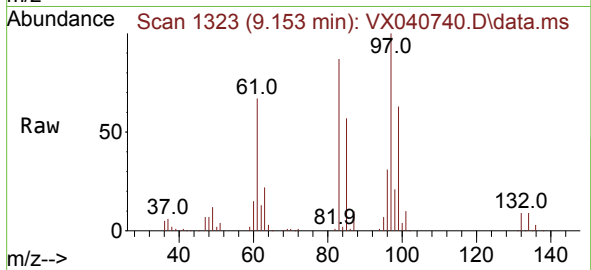


#55  
 1,1,2-Trichloroethane  
 Concen: 112.435 ug/l  
 RT: 9.153 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX040740.D  
 Acq: 21 Mar 2024 11:51

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 97 Resp: 61248

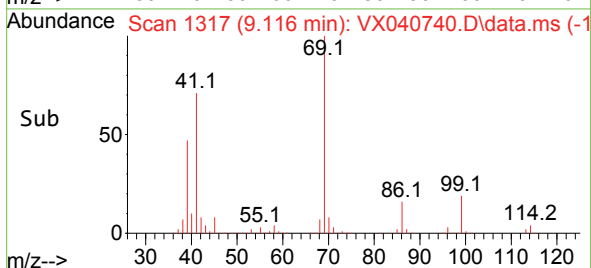
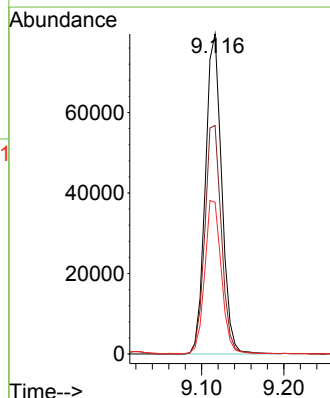
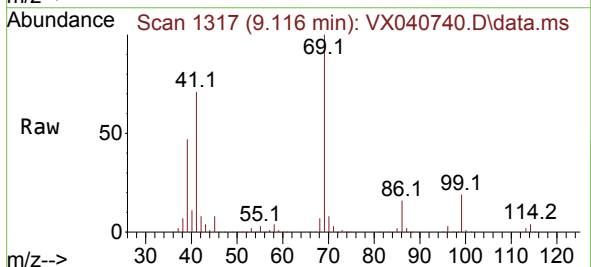
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.4  | 65.8  | 98.8  |
| 85  | 56.7  | 41.6  | 62.4  |
| 99  | 63.2  | 47.8  | 71.8  |

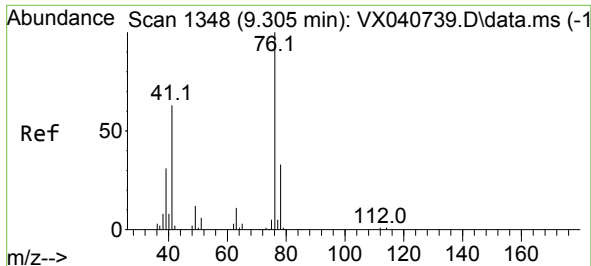


#56  
 Ethyl methacrylate  
 Concen: 120.395 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. 0.006 min  
 Lab File: VX040740.D  
 Acq: 21 Mar 2024 11:51

Tgt Ion: 69 Resp: 109623

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 72.9  | 56.8  | 85.2  |
| 39  | 48.8  | 32.0  | 48.0  |





#57

1,3-Dichloropropane

Concen: 117.206 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA\_X

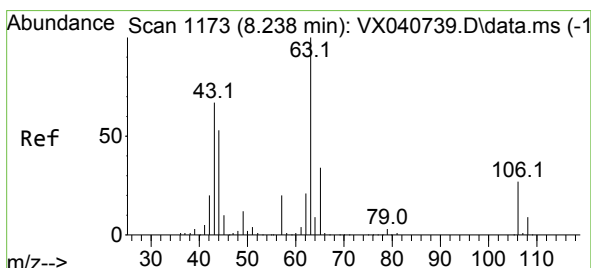
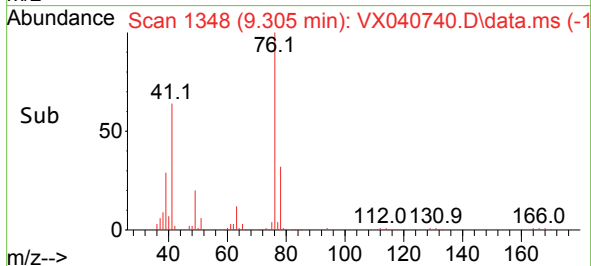
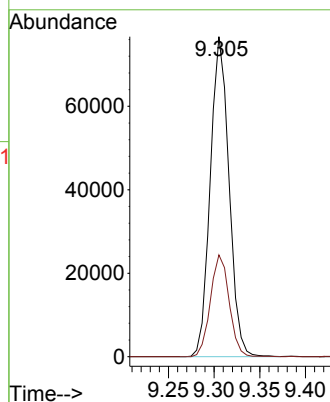
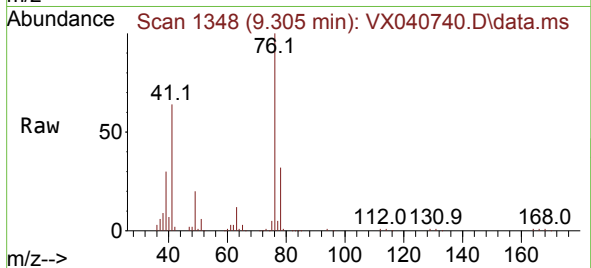
ClientSampleId :

Tgt Ion: 76 Resp: 108951

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 643.272 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040740.D

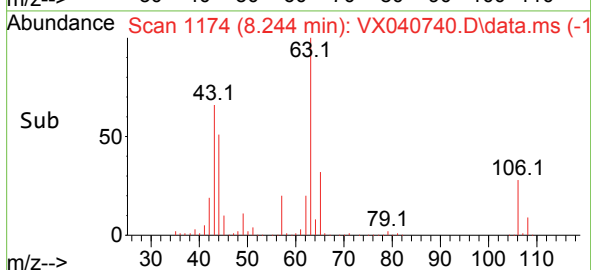
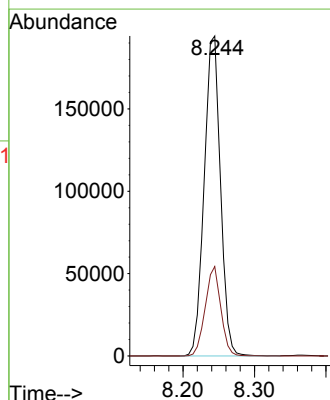
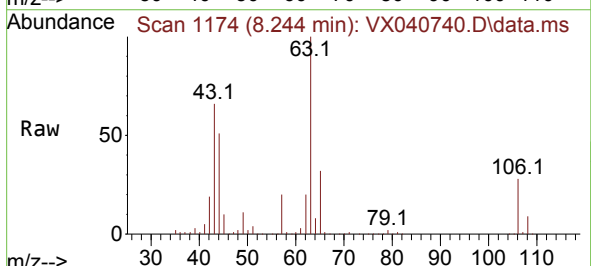
Acq: 21 Mar 2024 11:51

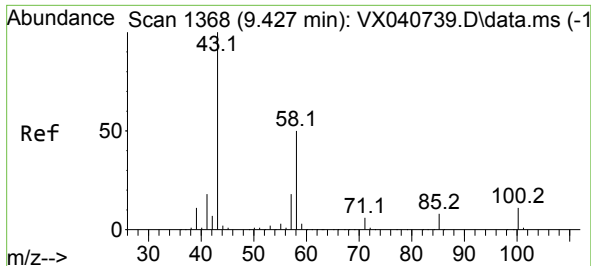
Tgt Ion: 63 Resp: 307399

Ion Ratio Lower Upper

63 100

106 26.7 22.5 33.7

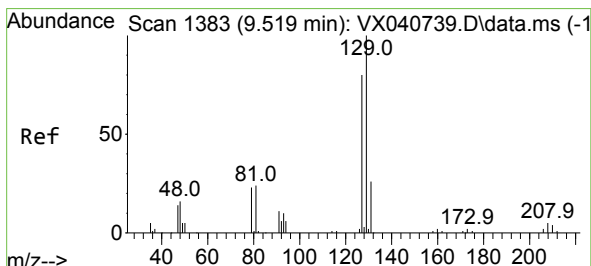
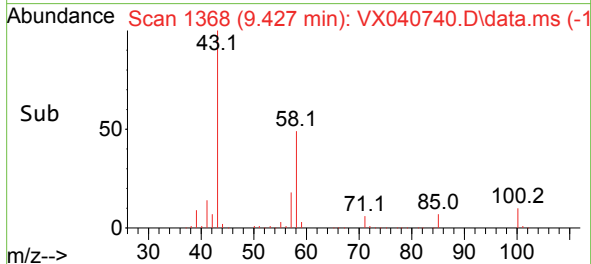
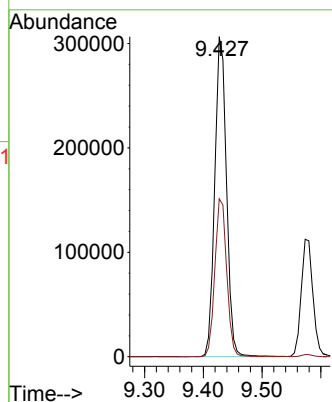
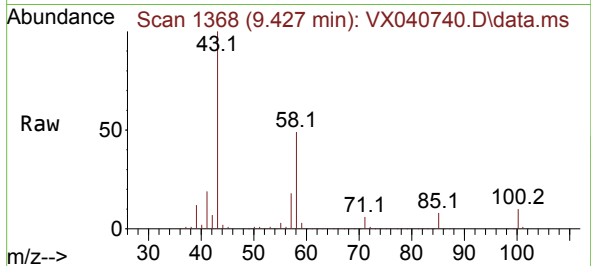




#59  
2-Hexanone  
Concen: 610.362 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

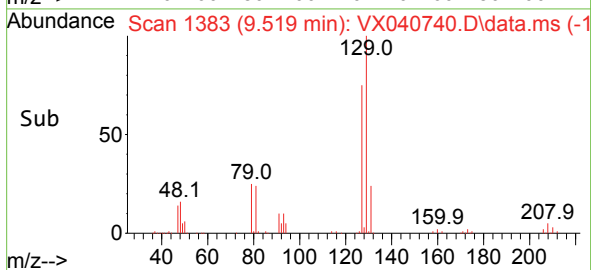
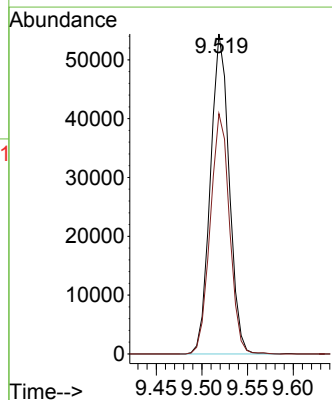
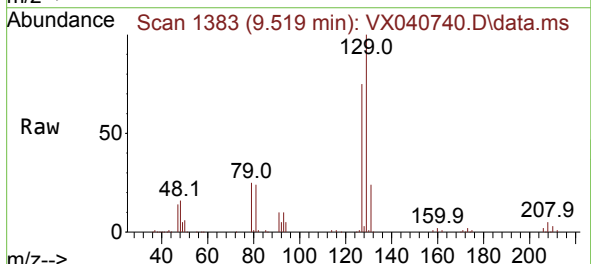
Instrument :  
MSVOA\_X  
ClientSampleId :

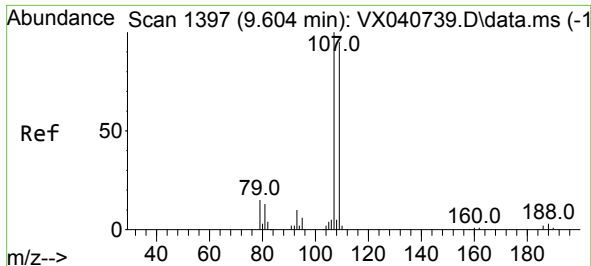
Tgt Ion: 43 Resp: 424694  
Ion Ratio Lower Upper  
43 100  
58 50.0 26.2 78.5



#60  
Dibromochloromethane  
Concen: 121.300 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 129 Resp: 77647  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.8 116.4

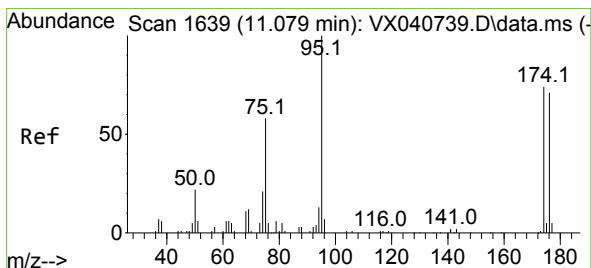
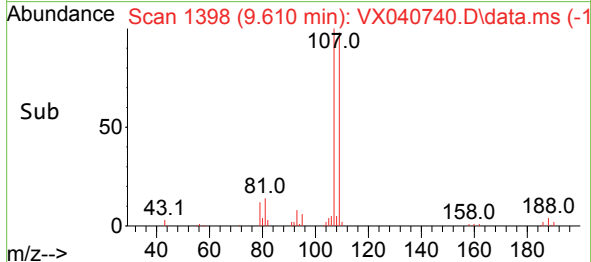
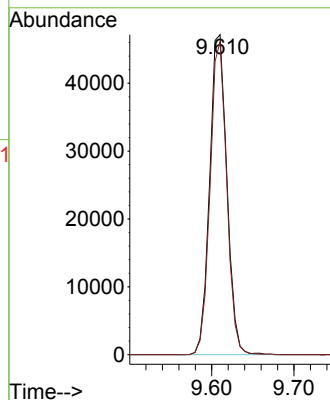
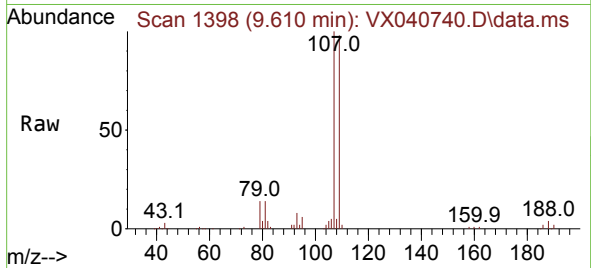




#61  
1,2-Dibromoethane  
Concen: 119.646 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

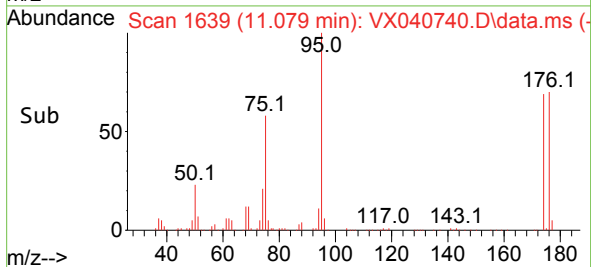
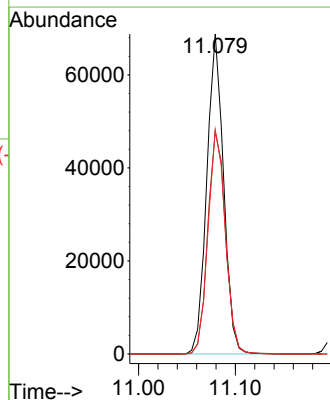
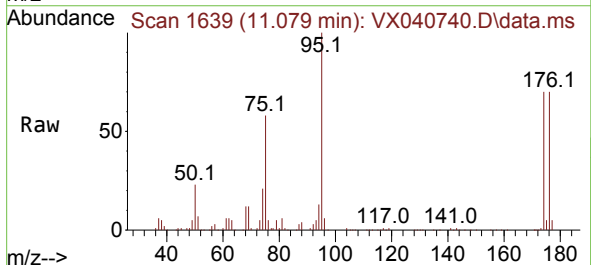
Instrument :  
MSVOA\_X  
ClientSampleId :

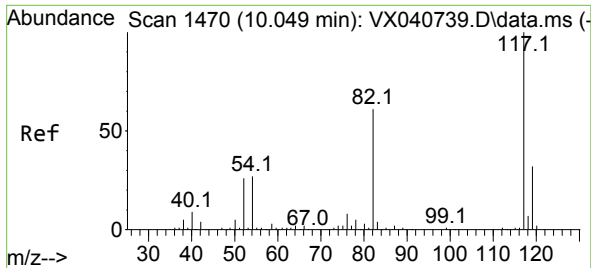
Tgt Ion:107 Resp: 68825  
Ion Ratio Lower Upper  
107 100  
109 94.2 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 111.036 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 95 Resp: 82865  
Ion Ratio Lower Upper  
95 100  
174 73.1 0.0 135.6  
176 72.0 0.0 131.0

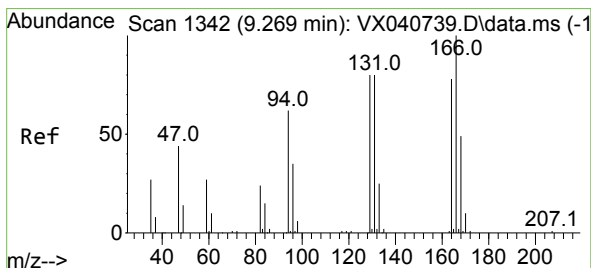
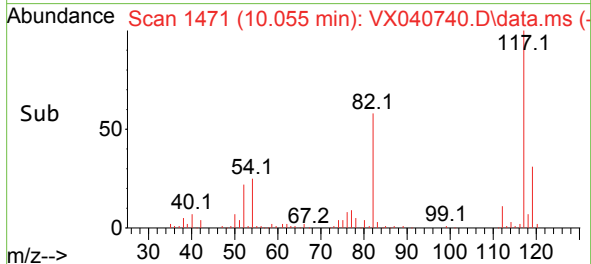
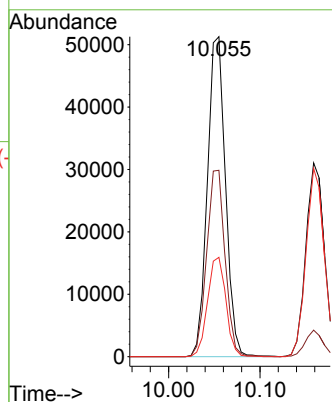
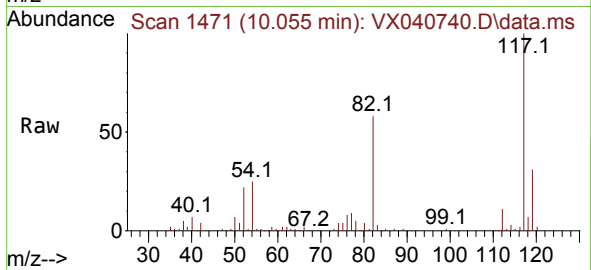




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

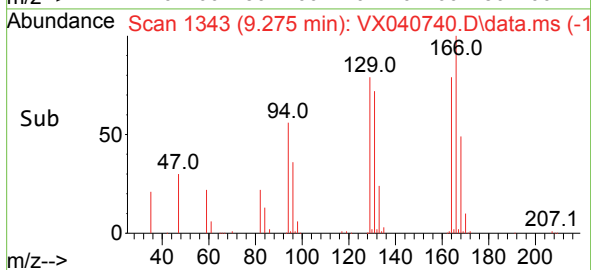
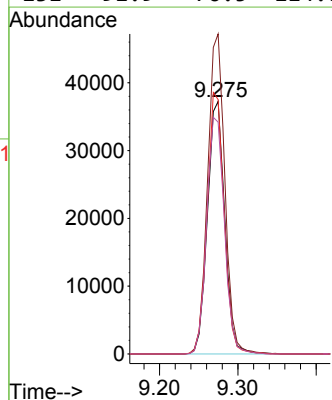
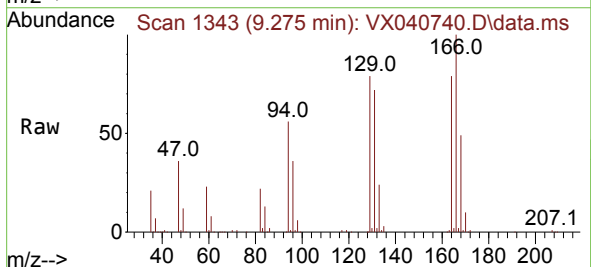
Instrument :  
MSVOA\_X  
ClientSampleId :

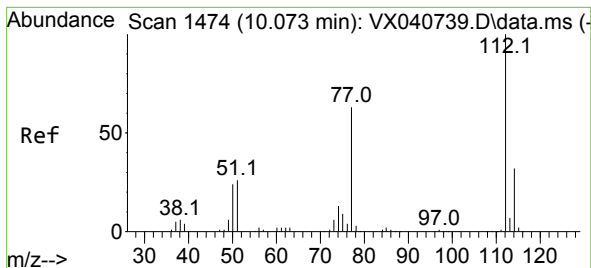
Tgt Ion:117 Resp: 70358  
Ion Ratio Lower Upper  
117 100  
82 58.2 46.2 69.4  
119 31.1 25.5 38.3



#64  
Tetrachloroethene  
Concen: 108.655 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion:164 Resp: 56943  
Ion Ratio Lower Upper  
164 100  
166 126.8 102.7 154.1  
129 100.8 80.4 120.6  
131 91.9 76.5 114.7





#65

Chlorobenzene

Concen: 113.372 ug/l

RT: 10.079 min Scan# 1474

Delta R.T. 0.006 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA\_X

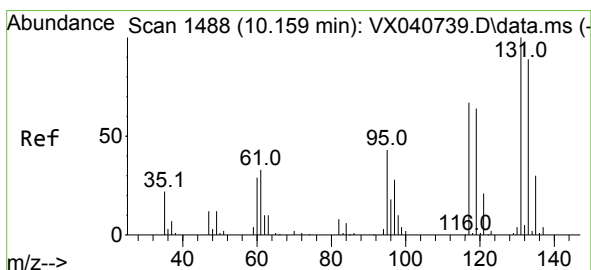
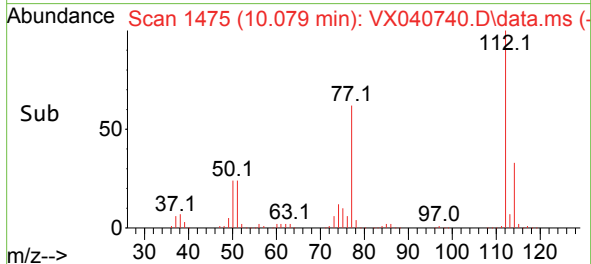
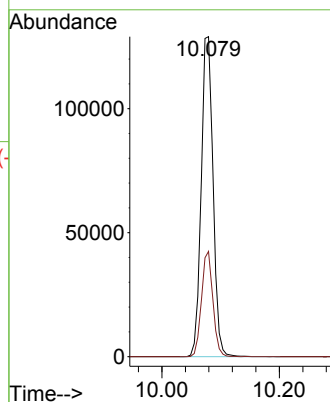
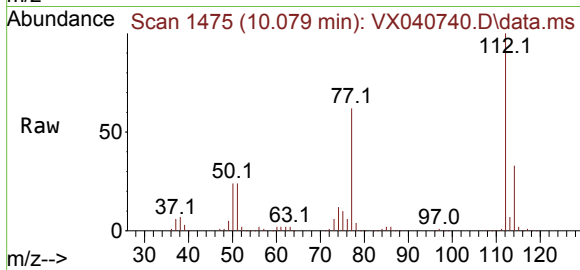
ClientSampleId :

Tgt Ion:112 Resp: 180915

Ion Ratio Lower Upper

112 100

114 32.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 120.290 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

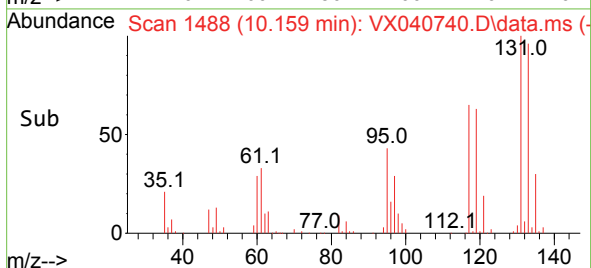
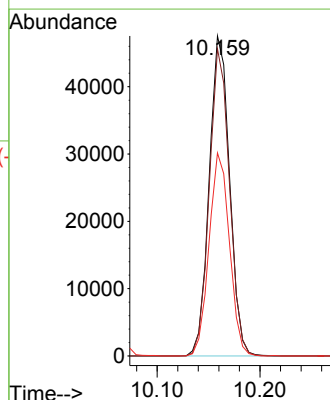
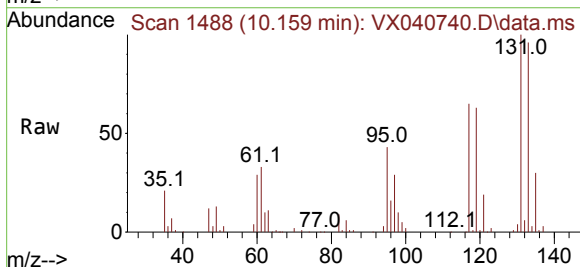
Tgt Ion:131 Resp: 65321

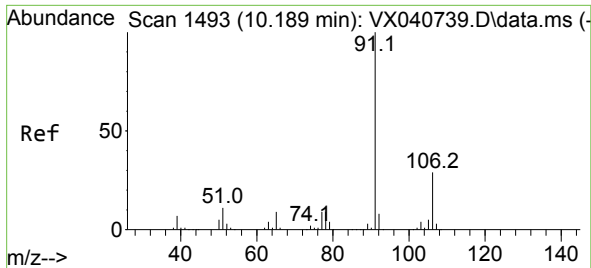
Ion Ratio Lower Upper

131 100

133 95.2 47.1 141.4

119 63.6 32.2 96.6





#67

Ethyl Benzene

Concen: 117.011 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA\_X

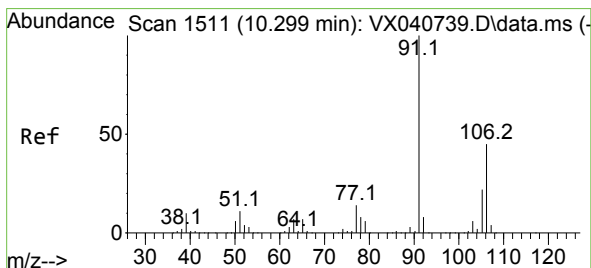
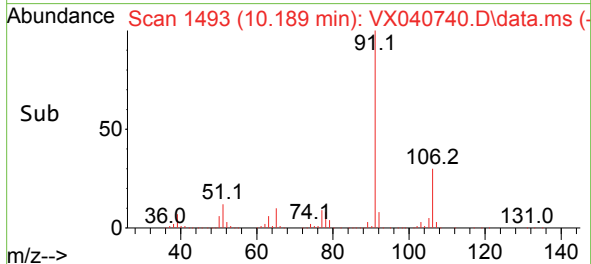
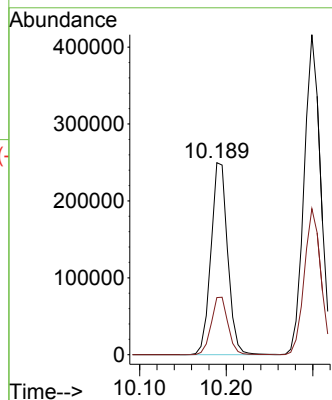
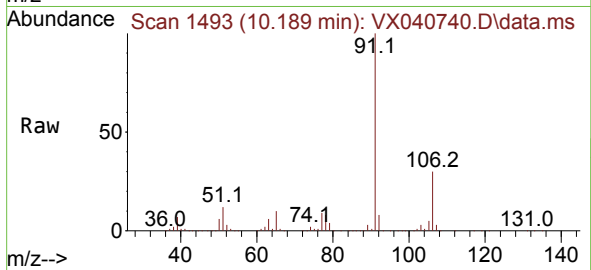
ClientSampleId :

Tgt Ion: 91 Resp: 334403

Ion Ratio Lower Upper

91 100

106 29.8 24.9 37.3



#68

m/p-Xylenes

Concen: 242.963 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040740.D

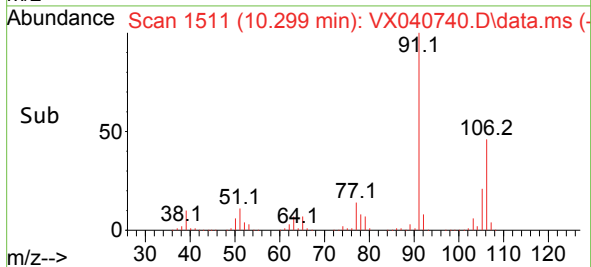
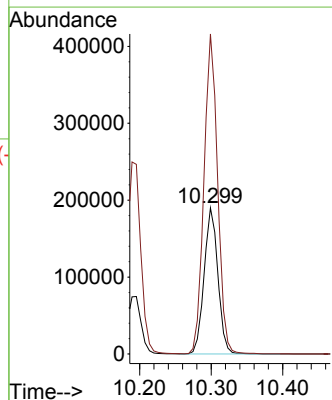
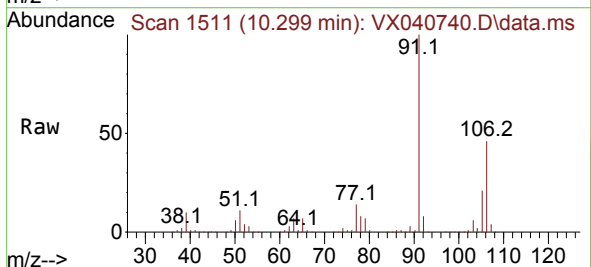
Acq: 21 Mar 2024 11:51

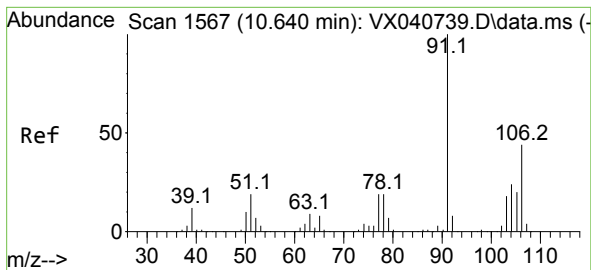
Tgt Ion: 106 Resp: 254219

Ion Ratio Lower Upper

106 100

91 217.5 165.5 248.3

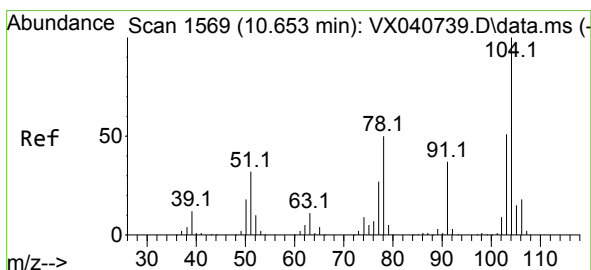
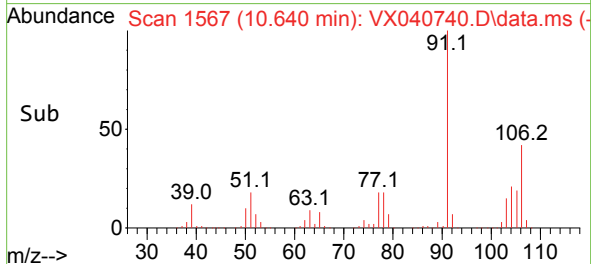
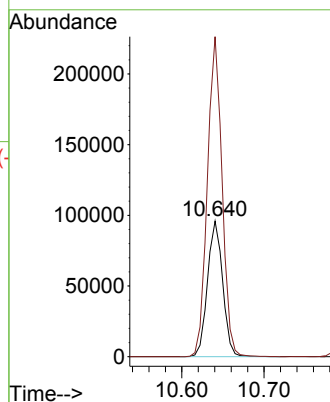
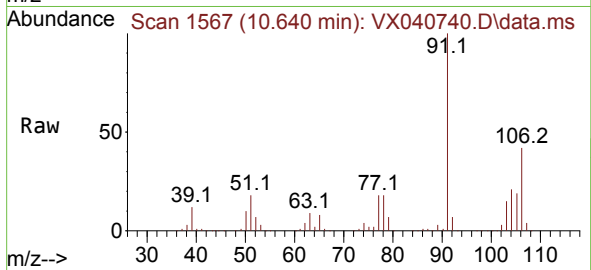




#69  
o-Xylene  
Concen: 122.155 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

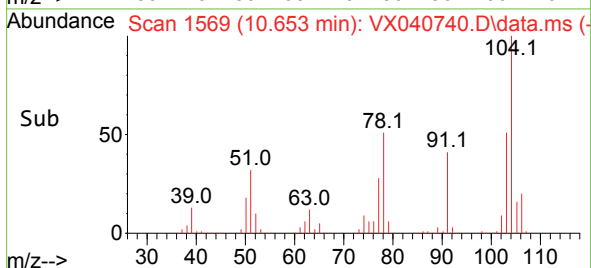
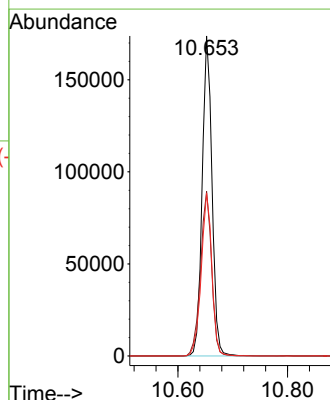
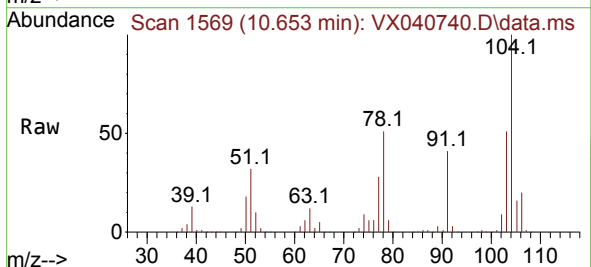
Instrument :  
MSVOA\_X  
ClientSampleId :

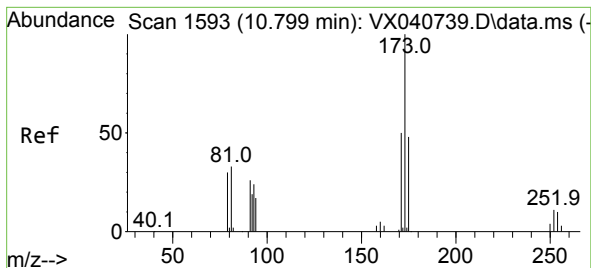
Tgt Ion:106 Resp: 122787  
Ion Ratio Lower Upper  
106 100  
91 229.2 108.9 326.8



#70  
Styrene  
Concen: 128.645 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion:104 Resp: 216471  
Ion Ratio Lower Upper  
104 100  
78 57.8 43.6 65.4  
103 55.4 43.6 65.4





#71

Bromoform

Concen: 132.065 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040740.D

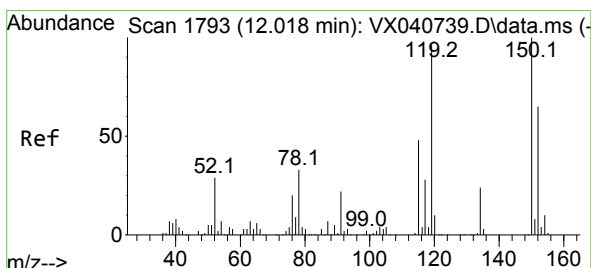
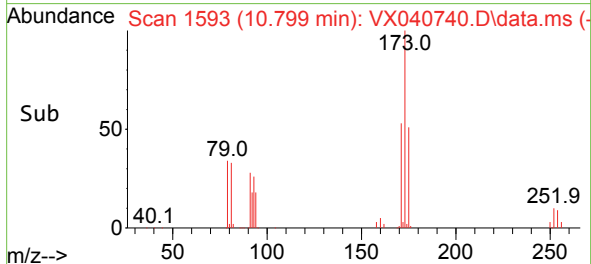
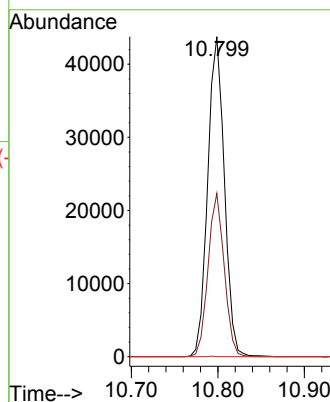
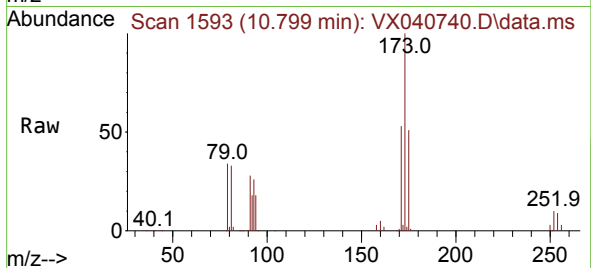
Acq: 21 Mar 2024 11:51

Instrument :

MSVOA\_X

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 58574 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 49.3  | 24.1  | 72.4  |
| 254       | 0.0   | 0.0   | 0.0#  |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

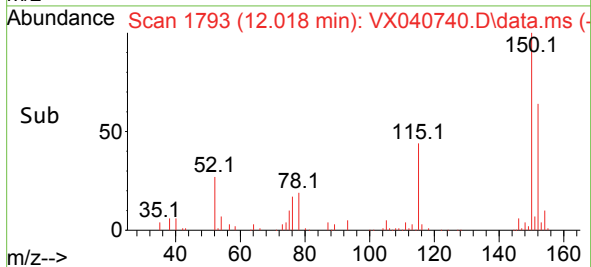
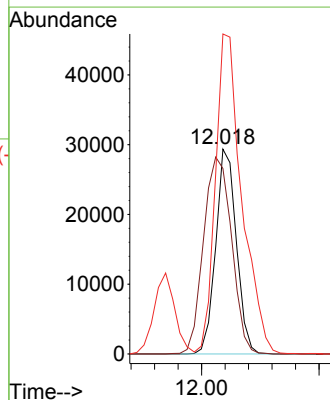
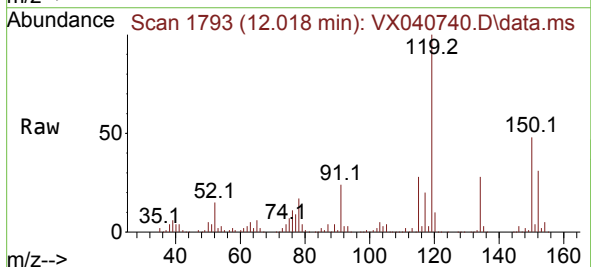
RT: 12.018 min Scan# 1793

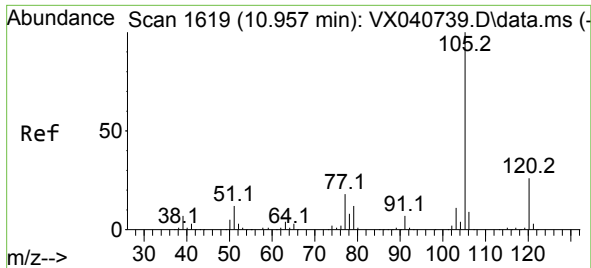
Delta R.T. 0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 35805  |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 130.8 | 43.3  | 129.9# |
| 150       | 200.6 | 0.0   | 345.0  |

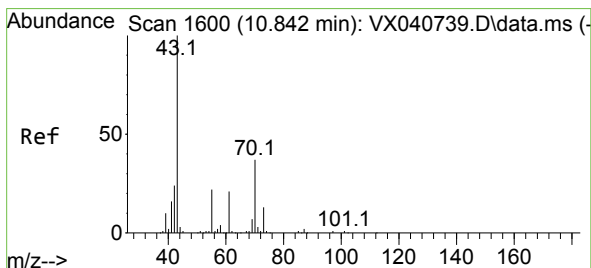
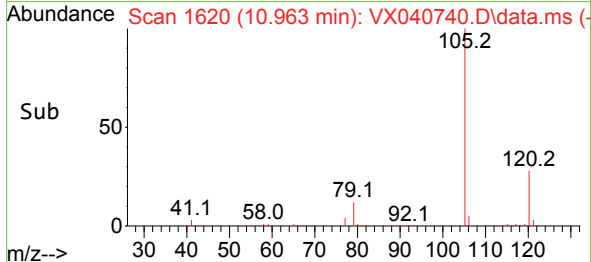
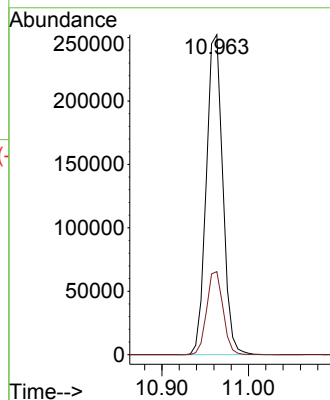
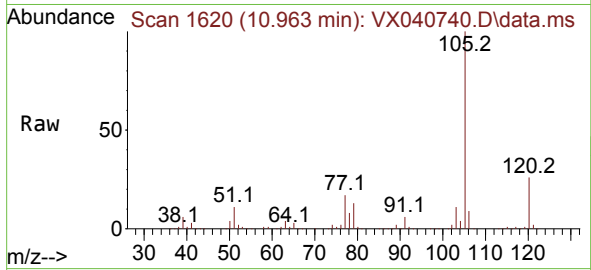




#73  
Isopropylbenzene  
Concen: 122.627 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

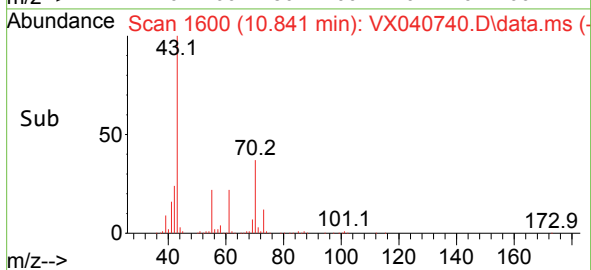
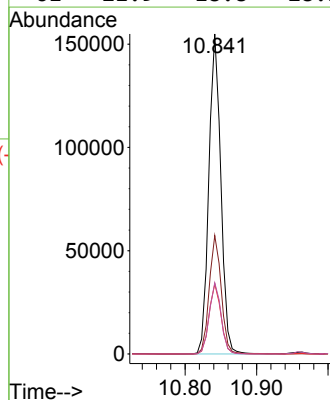
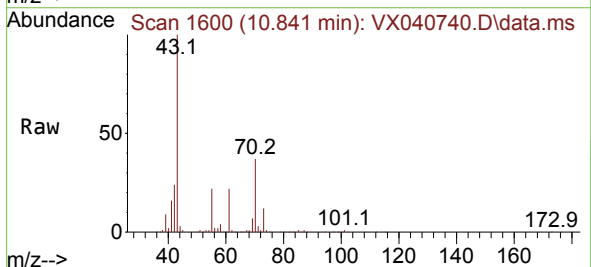
Instrument :  
MSVOA\_X  
ClientSampleId :

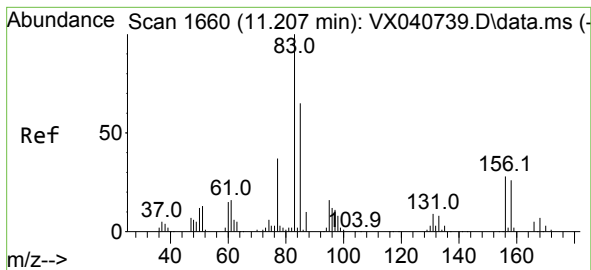
Tgt Ion:105 Resp: 333148  
Ion Ratio Lower Upper  
105 100  
120 25.8 12.9 38.6



#74  
N-ethyl acetate  
Concen: 134.593 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 43 Resp: 180034  
Ion Ratio Lower Upper  
43 100  
70 37.1 32.9 49.3  
55 22.0 19.3 28.9  
61 21.9 18.8 28.2

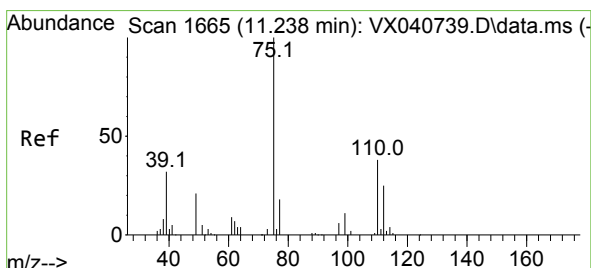
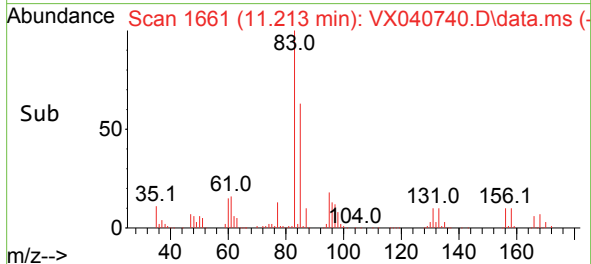
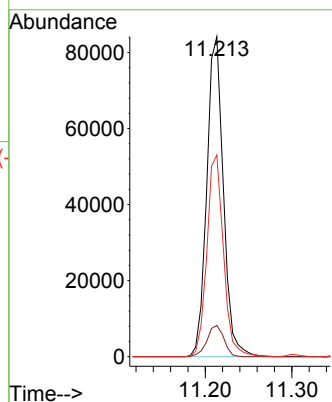
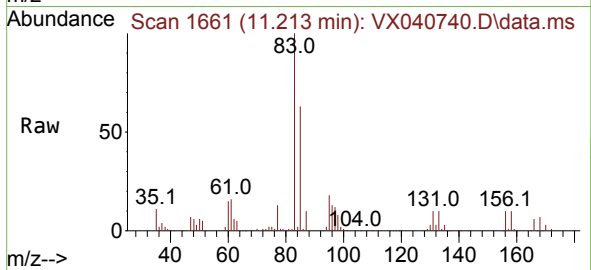




#75  
1,1,2,2-Tetrachloroethane  
Concen: 121.673 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.006 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

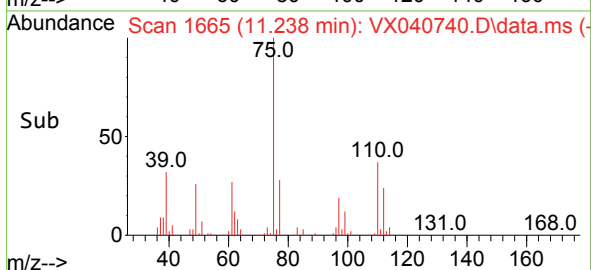
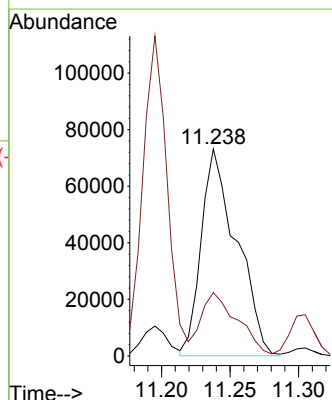
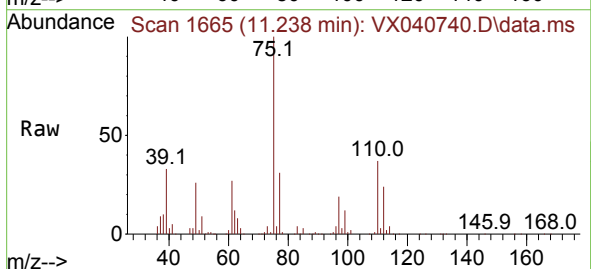
Instrument :  
MSVOA\_X  
ClientSampleId :

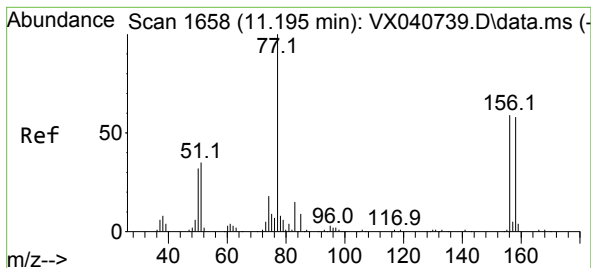
Tgt Ion: 83 Resp: 111905  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.3 15.8  
85 63.2 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 170.529 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 75 Resp: 131772  
Ion Ratio Lower Upper  
75 100  
77 31.5 19.1 57.5





#77

Bromobenzene

Concen: 120.621 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA\_X

ClientSampleId :

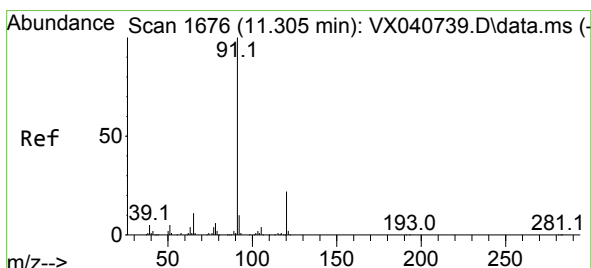
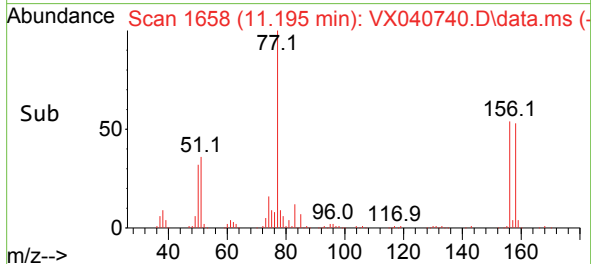
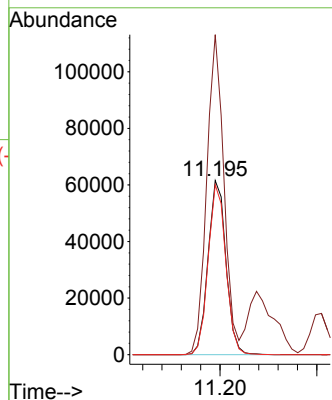
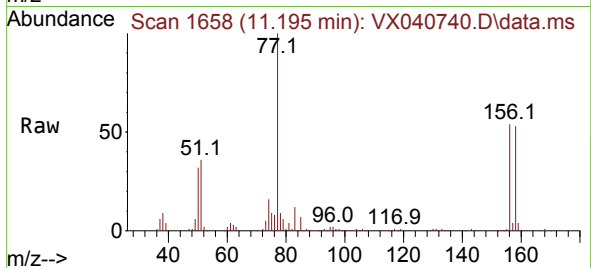
Tgt Ion:156 Resp: 79320

Ion Ratio Lower Upper

156 100

77 177.0 88.4 265.3

158 96.7 48.0 144.0



#78

n-propylbenzene

Concen: 123.714 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040740.D

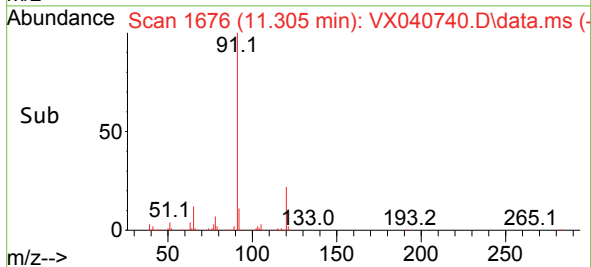
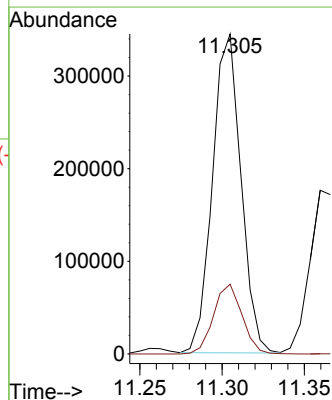
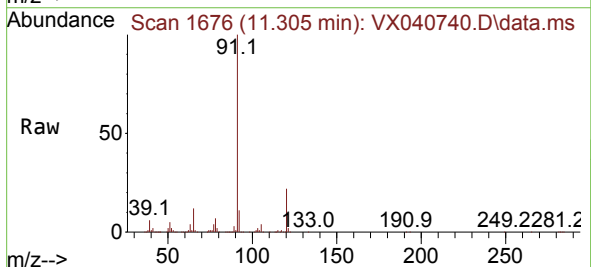
Acq: 21 Mar 2024 11:51

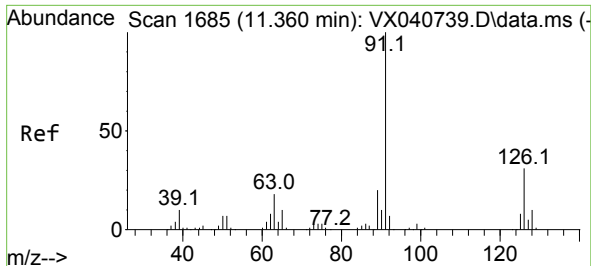
Tgt Ion: 91 Resp: 414416

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4

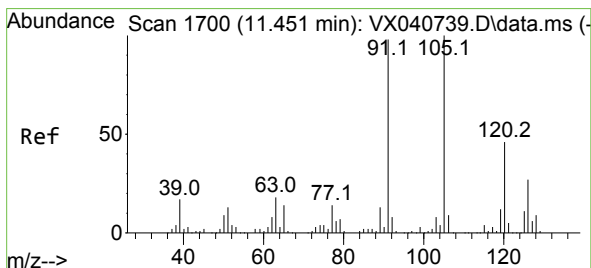
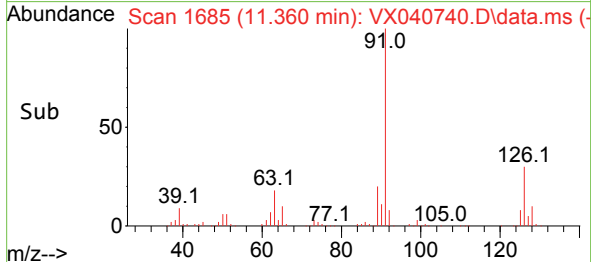
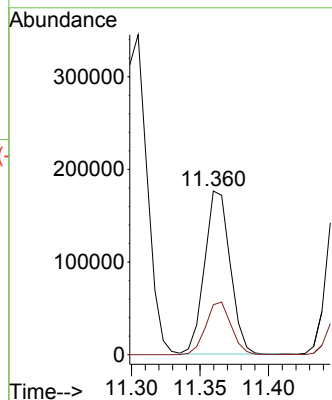
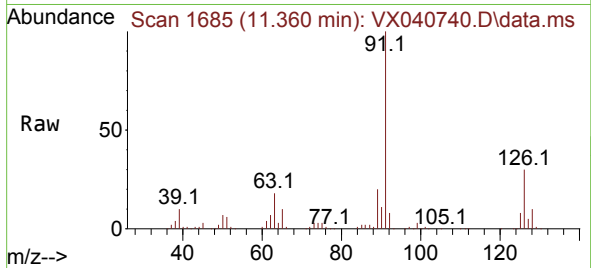




#79  
2-Chlorotoluene  
Concen: 118.404 ug/l  
RT: 11.360 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

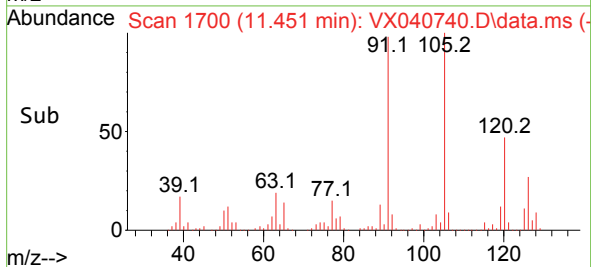
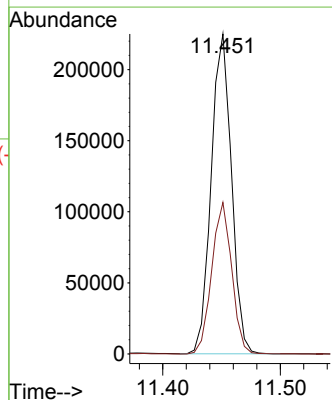
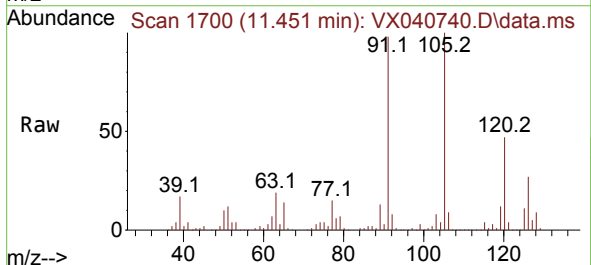
Instrument :  
MSVOA\_X  
ClientSampleId :

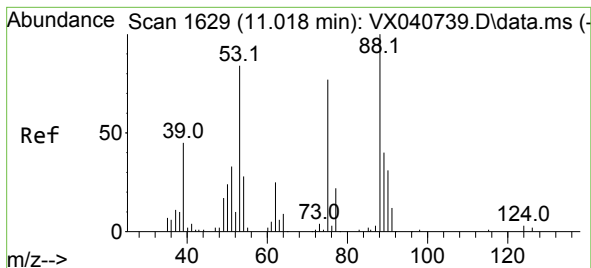
Tgt Ion: 91 Resp: 228859  
Ion Ratio Lower Upper  
91 100  
126 32.2 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 118.456 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 105 Resp: 269786  
Ion Ratio Lower Upper  
105 100  
120 46.6 24.1 72.3

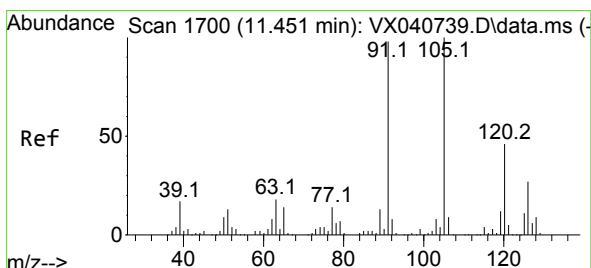
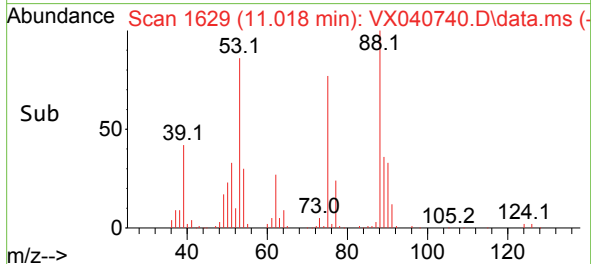
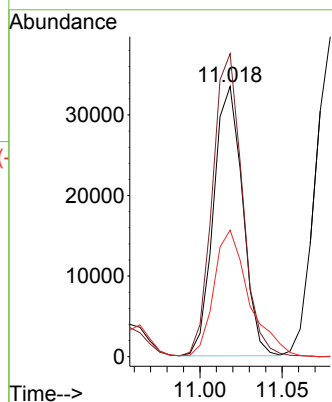
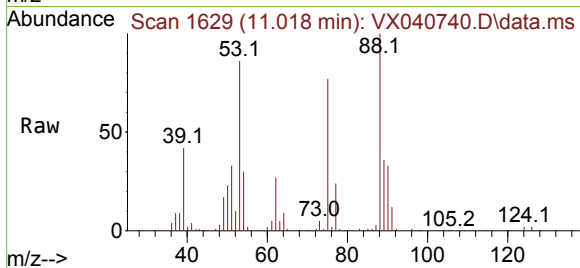




#81  
trans-1,4-Dichloro-2-butene  
Concen: 135.269 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

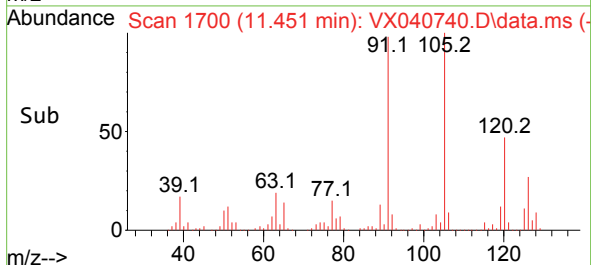
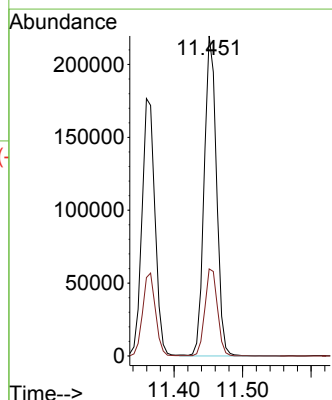
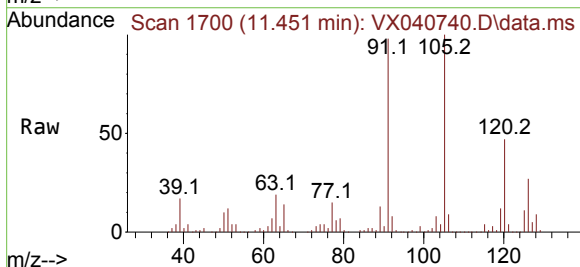
Instrument :  
MSVOA\_X  
ClientSampleId :

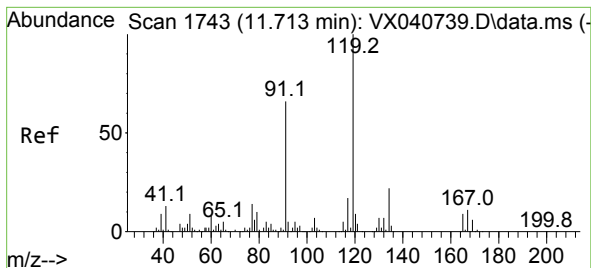
Tgt Ion: 75 Resp: 41176  
Ion Ratio Lower Upper  
75 100  
53 116.0 90.5 135.7  
89 57.0 36.9 55.3#



#82  
4-Chlorotoluene  
Concen: 113.535 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion: 91 Resp: 275244  
Ion Ratio Lower Upper  
91 100  
126 27.8 14.2 42.6

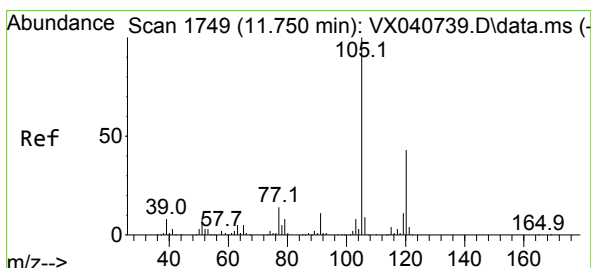
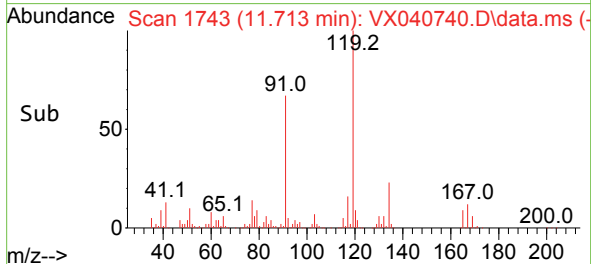
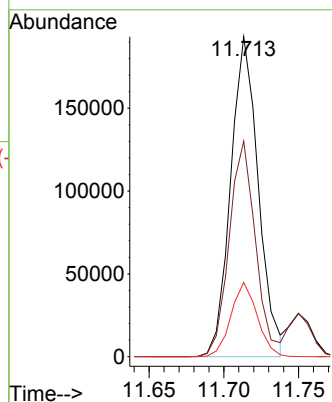
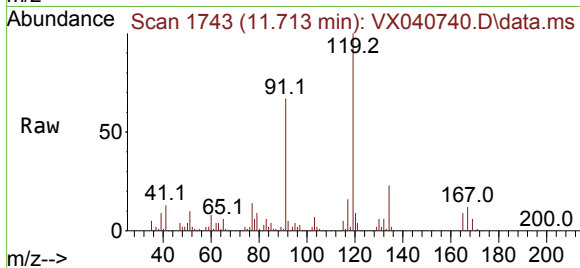




#83  
 tert-Butylbenzene  
 Concen: 108.777 ug/l  
 RT: 11.713 min Scan# 1743  
 Delta R.T. -0.000 min  
 Lab File: VX040740.D  
 Acq: 21 Mar 2024 11:51

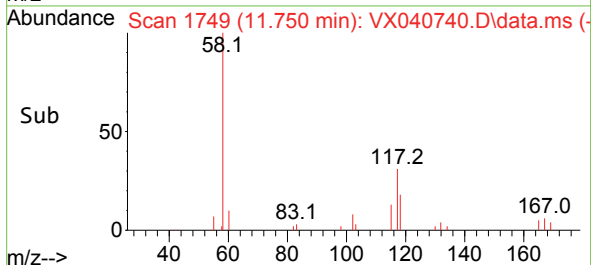
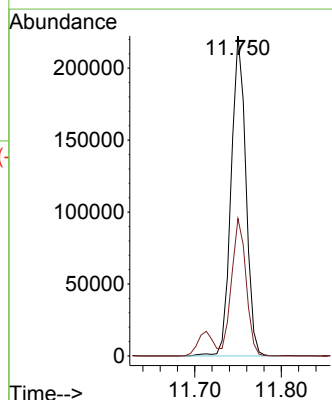
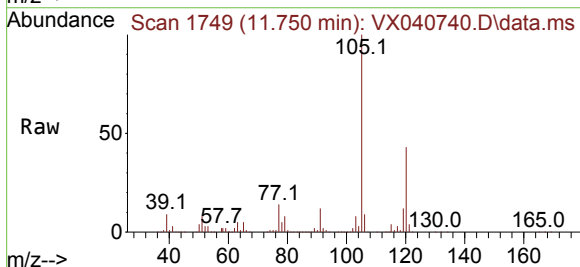
Instrument :  
 MSVOA\_X  
 ClientSampleId :

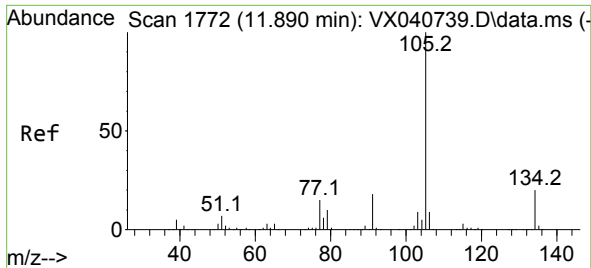
Tgt Ion:119 Resp: 248478  
 Ion Ratio Lower Upper  
 119 100  
 91 64.4 31.2 93.6  
 134 22.1 11.7 35.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 114.426 ug/l  
 RT: 11.750 min Scan# 1749  
 Delta R.T. -0.000 min  
 Lab File: VX040740.D  
 Acq: 21 Mar 2024 11:51

Tgt Ion:105 Resp: 262291  
 Ion Ratio Lower Upper  
 105 100  
 120 42.8 21.2 63.6

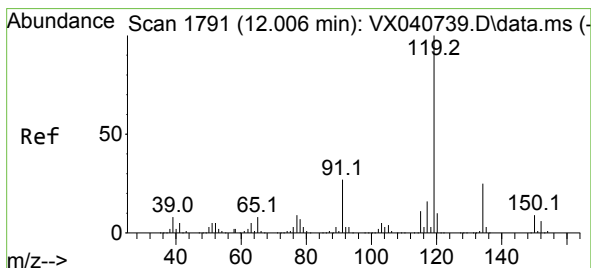
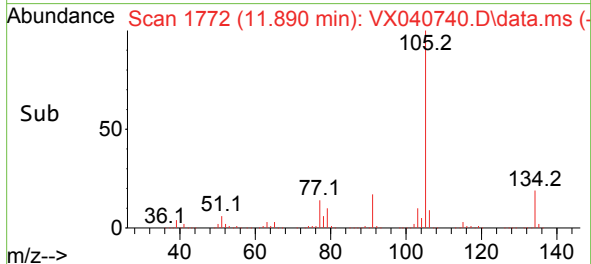
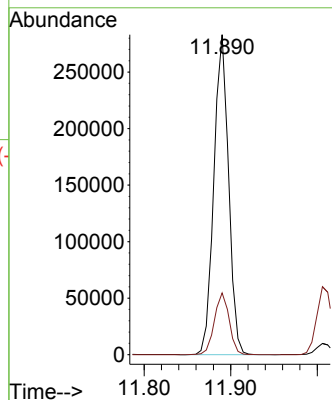
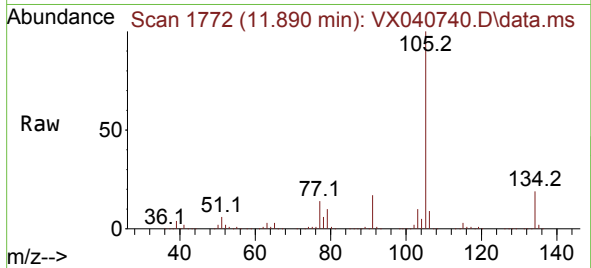




#85  
sec-Butylbenzene  
Concen: 114.833 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

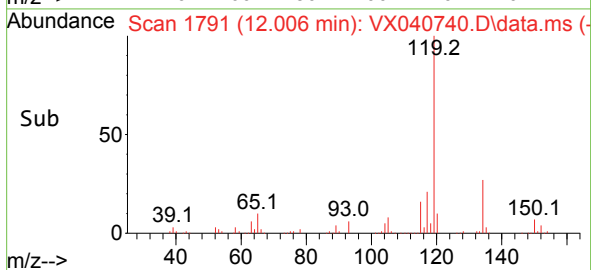
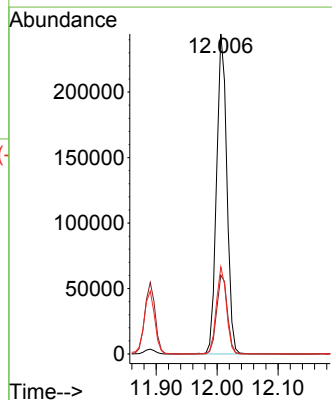
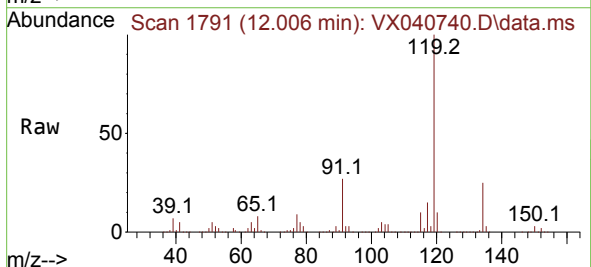
Instrument :  
MSVOA\_X  
ClientSampleId :

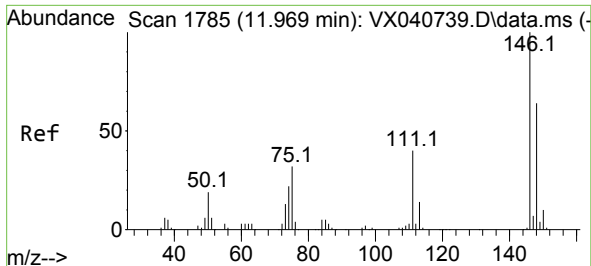
Tgt Ion:105 Resp: 333569  
Ion Ratio Lower Upper  
105 100  
134 19.4 9.8 29.4



#86  
p-Isopropyltoluene  
Concen: 118.760 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Tgt Ion:119 Resp: 286061  
Ion Ratio Lower Upper  
119 100  
134 25.5 12.8 38.3  
91 26.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 112.129 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

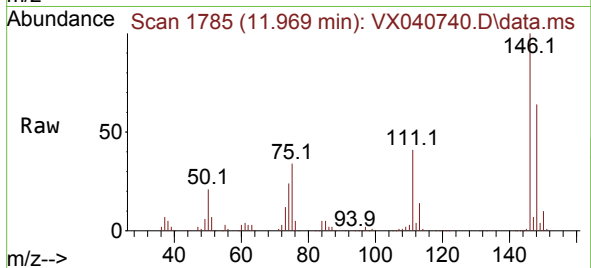
Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA\_X

ClientSampleId :



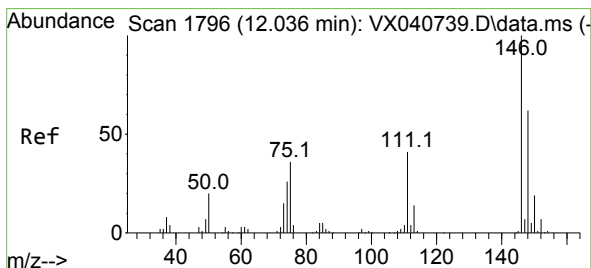
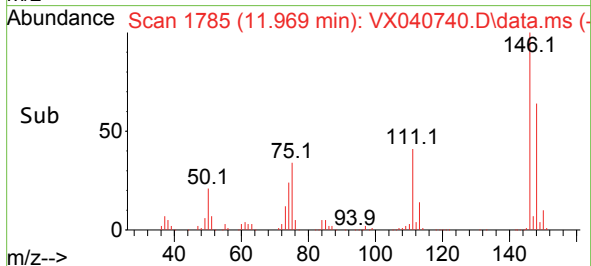
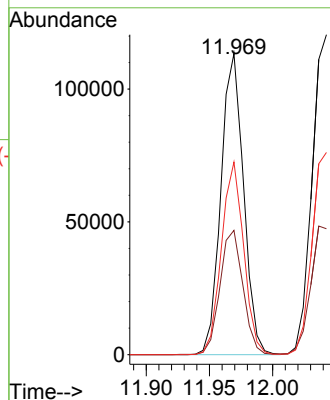
Tgt Ion:146 Resp: 140809

Ion Ratio Lower Upper

146 100

111 42.1 22.1 66.1

148 63.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 110.364 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

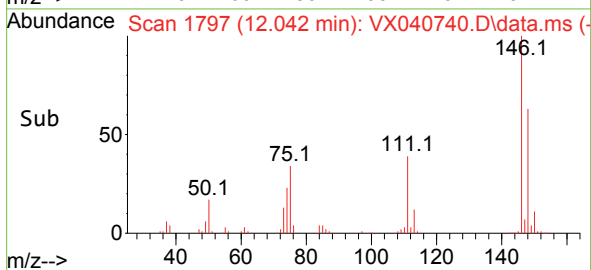
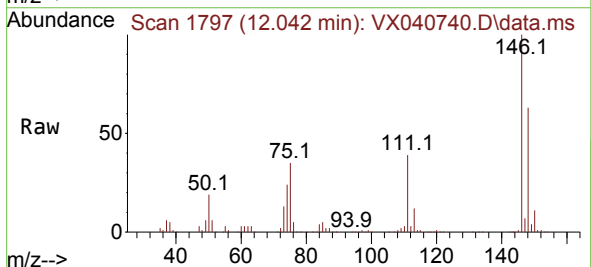
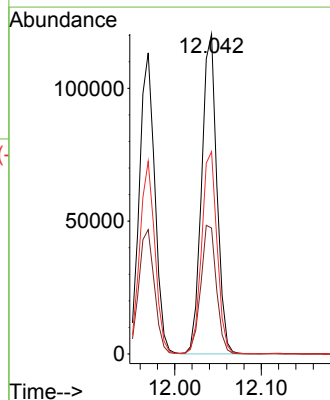
Tgt Ion:146 Resp: 147187

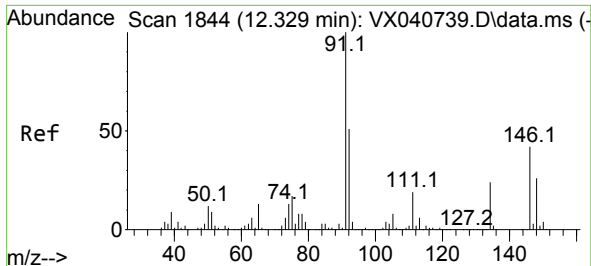
Ion Ratio Lower Upper

146 100

111 41.5 21.3 63.7

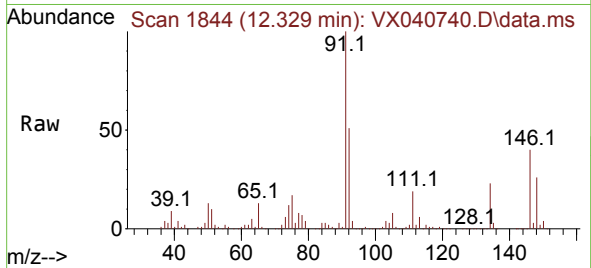
148 64.1 31.8 95.4



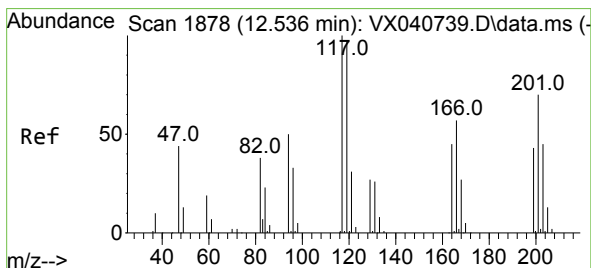
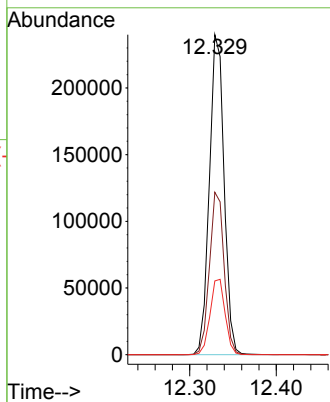
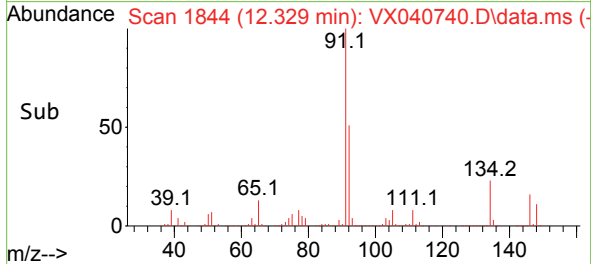


#89  
n-Butylbenzene  
Concen: 116.611 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

Instrument :  
MSVOA\_X  
ClientSampleId :

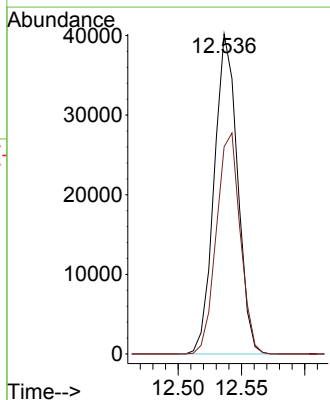
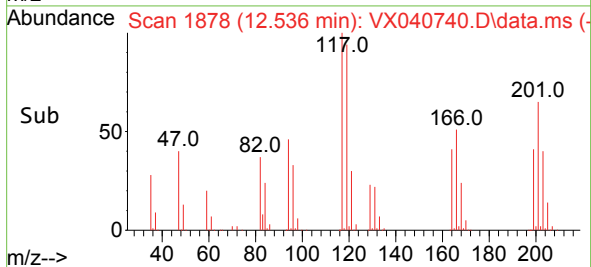
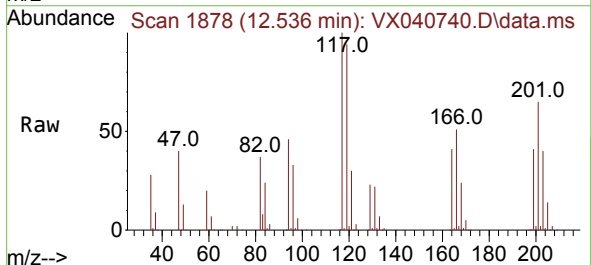


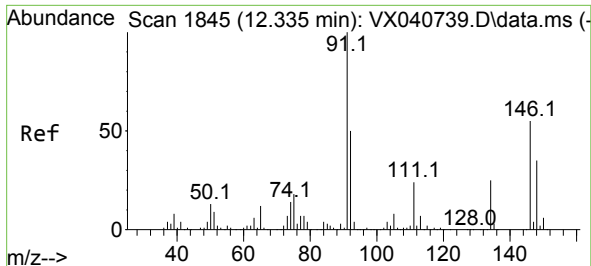
Tgt Ion: 91 Resp: 283246  
Ion Ratio Lower Upper  
91 100  
92 50.7 27.4 82.0  
134 24.1 12.6 37.8



#90  
Hexachloroethane  
Concen: 122.479 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

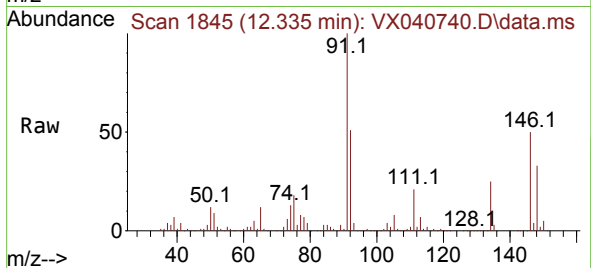
Tgt Ion: 117 Resp: 51371  
Ion Ratio Lower Upper  
117 100  
201 70.7 32.9 98.6



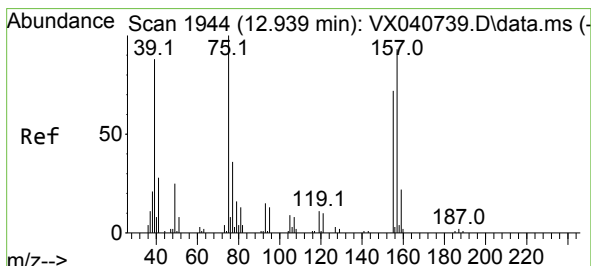
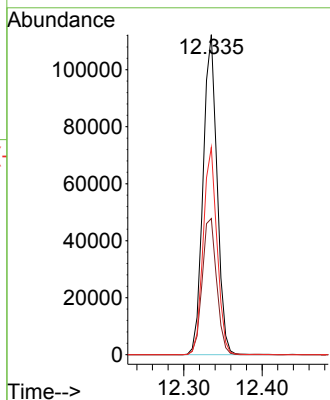
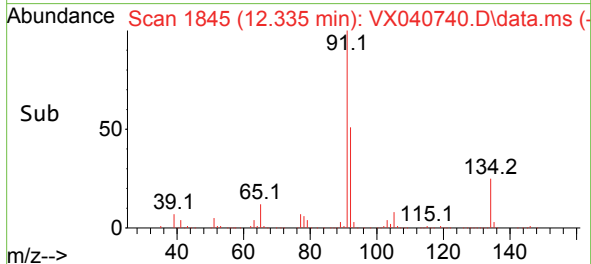


#91  
1,2-Dichlorobenzene  
Concen: 112.528 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51

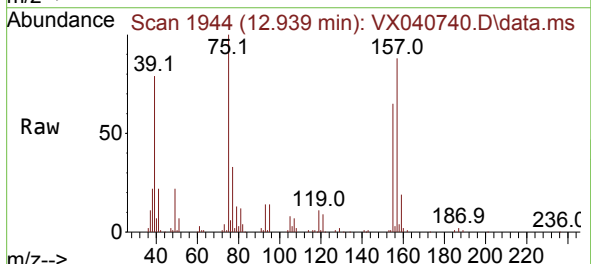
Instrument :  
MSVOA\_X  
ClientSampleId :



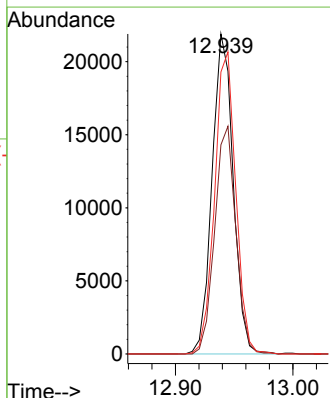
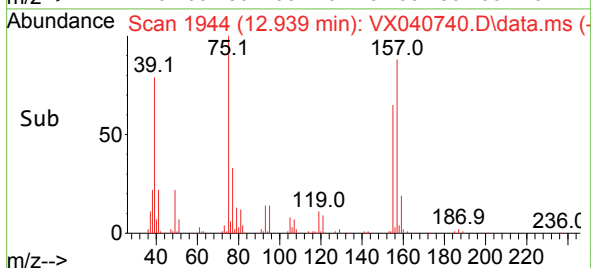
Tgt Ion:146 Resp: 138833  
Ion Ratio Lower Upper  
146 100  
111 44.0 22.4 67.0  
148 64.0 31.6 95.0

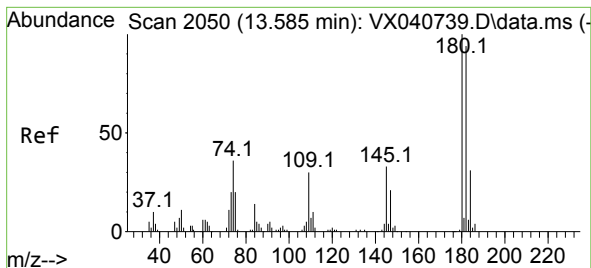


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 119.186 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VX040740.D  
Acq: 21 Mar 2024 11:51



Tgt Ion: 75 Resp: 27370  
Ion Ratio Lower Upper  
75 100  
155 71.3 36.1 108.5  
157 94.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 118.198 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA\_X

ClientSampleId :

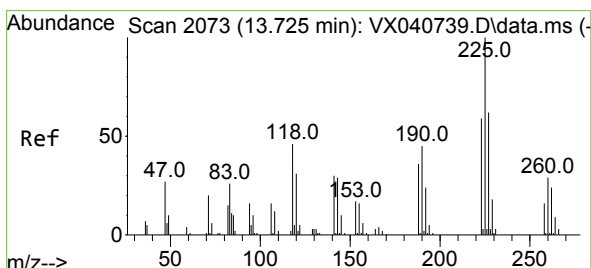
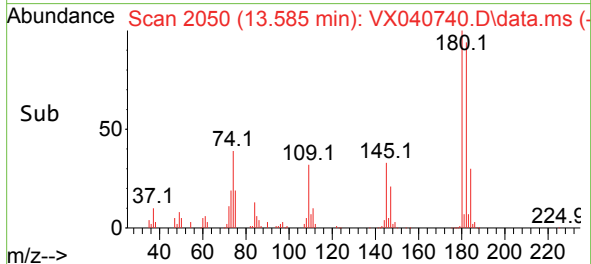
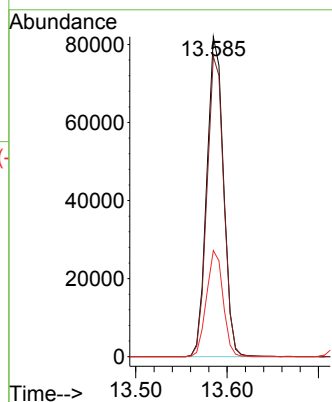
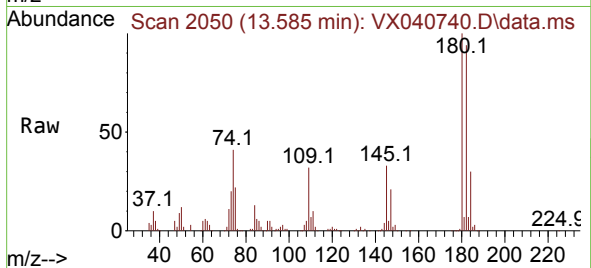
Tgt Ion:180 Resp: 103642

Ion Ratio Lower Upper

180 100

182 94.6 48.3 144.8

145 32.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 115.451 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

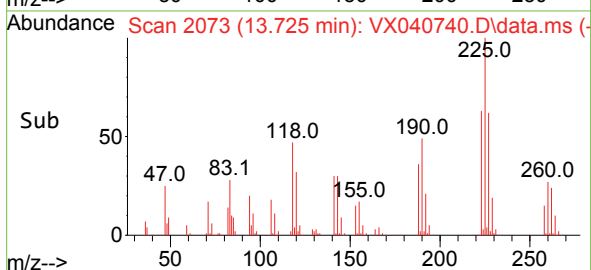
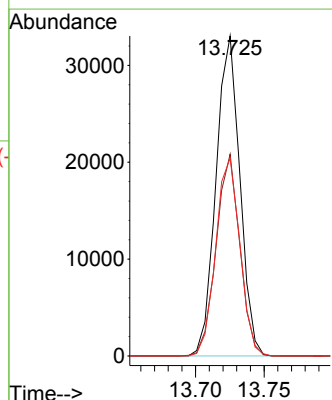
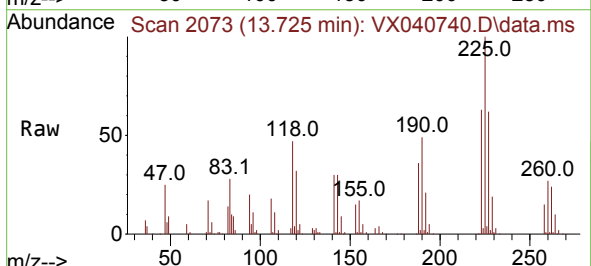
Tgt Ion:225 Resp: 39902

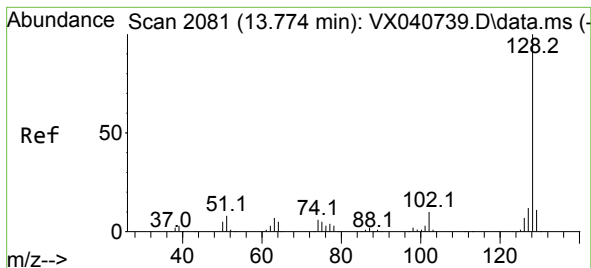
Ion Ratio Lower Upper

225 100

223 62.4 31.1 93.2

227 62.7 32.5 97.5





#95

Naphthalene

Concen: 124.523 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Instrument :

MSVOA\_X

ClientSampleId :

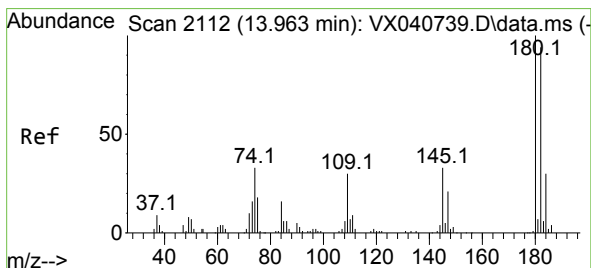
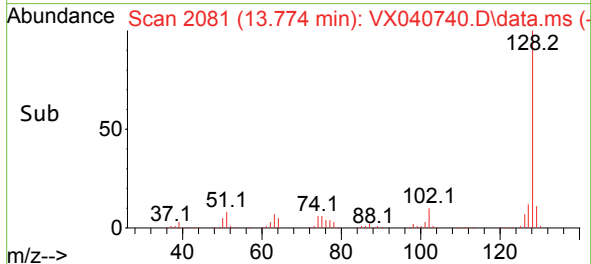
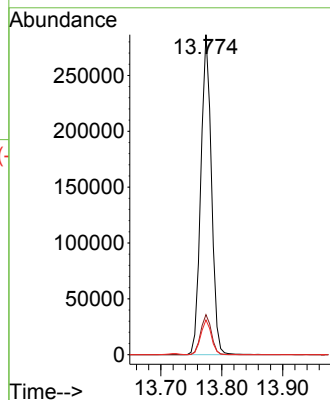
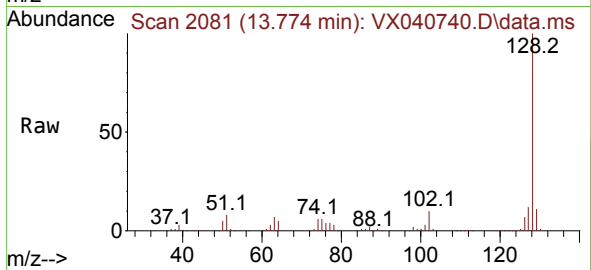
Tgt Ion:128 Resp: 345441

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 117.276 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040740.D

Acq: 21 Mar 2024 11:51

Tgt Ion:180 Resp: 101032

Ion Ratio Lower Upper

180 100

182 96.1 46.9 140.6

145 33.6 17.8 53.5

