

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032124\  
 Data File : VX040738.D  
 Acq On : 21 Mar 2024 10:51  
 Operator : JC/MD  
 Sample : VSTDIC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

Quant Time: Mar 22 02:02:23 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   | 51425    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 78682    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 72931    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 38713    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 16969    | 19.624   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 39.240%# |
| 35) Dibromofluoromethane     | 5.385  | 113   | 11959    | 20.313   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 40.620%# |
| 50) Toluene-d8               | 8.647  | 98    | 42852    | 21.257   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 42.520%# |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 14575    | 18.300   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 36.600%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 12910    | 19.399   | ug/l   | 96       |
| 3) Chloromethane             | 1.300  | 50    | 13017    | 19.124   | ug/l   | 96       |
| 4) Vinyl Chloride            | 1.374  | 62    | 12277    | 19.048   | ug/l   | 94       |
| 5) Bromomethane              | 1.611  | 94    | 8750     | 20.139   | ug/l   | 98       |
| 6) Chloroethane              | 1.691  | 64    | 8770     | 19.359   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.892  | 101   | 20493    | 18.172   | ug/l   | 98       |
| 8) Diethyl Ether             | 2.136  | 74    | 6623     | 18.271   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 12369    | 19.073   | ug/l   | 95       |
| 10) Methyl Iodide            | 2.453  | 142   | 16443    | 19.151   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 2.946  | 59    | 12838    | 92.716   | ug/l # | 88       |
| 12) 1,1-Dichloroethene       | 2.325  | 96    | 11261    | 18.539   | ug/l   | 97       |
| 13) Acrolein                 | 2.233  | 56    | 7103     | 86.683   | ug/l   | 99       |
| 14) Allyl chloride           | 2.666  | 41    | 20481    | 18.814   | ug/l   | 89       |
| 15) Acrylonitrile            | 3.062  | 53    | 32886    | 96.208   | ug/l   | 96       |
| 16) Acetone                  | 2.373  | 43    | 29260    | 95.535   | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.514  | 76    | 32761    | 18.777   | ug/l   | 100      |
| 18) Methyl Acetate           | 2.703  | 43    | 15242    | 18.569   | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 39820    | 18.994   | ug/l   | 97       |
| 20) Methylene Chloride       | 2.794  | 84    | 12768    | 19.071   | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 12039    | 18.775   | ug/l   | 97       |
| 22) Diisopropyl ether        | 3.757  | 45    | 40466    | 19.050   | ug/l   | 92       |
| 23) Vinyl Acetate            | 3.721  | 43    | 193583   | 96.409   | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 23459    | 19.227   | ug/l   | 99       |
| 25) 2-Butanone               | 4.544  | 43    | 47110    | 98.203   | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 19161    | 17.999   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 14009    | 18.860   | ug/l   | 99       |
| 28) Bromochloromethane       | 4.897  | 49    | 10621    | 19.033   | ug/l   | 97       |
| 29) Tetrahydrofuran          | 4.995  | 42    | 30684    | 96.162   | ug/l   | 99       |
| 30) Chloroform               | 5.092  | 83    | 25529    | 19.544   | ug/l   | 100      |
| 31) Cyclohexane              | 5.476  | 56    | 19643    | 19.120   | ug/l   | 90       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 21229    | 18.908   | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 17807    | 20.542   | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.708  | 43    | 20059    | 20.378   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 19221    | 19.700   | ug/l   | 96       |
| 39) Methylcyclohexane        | 7.379  | 83    | 19240    | 20.034   | ug/l   | 98       |
| 40) Benzene                  | 6.037  | 78    | 49457    | 20.661   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032124\  
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 Sample : VSTDICC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC020

Quant Time: Mar 22 02:02:23 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   | 10381    | 20.570  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 20549    | 21.215  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 30681    | 19.849  | ug/l   | 96       |
| 44) Trichloroethene           | 7.123  | 130  | 11294    | 19.685  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 11520    | 20.513  | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 9445     | 21.235  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.818  | 83   | 18332    | 20.171  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.689  | 41   | 14917    | 21.114  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 7.653  | 88   | 5119     | 429.326 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone      | 8.567  | 43   | 103327   | 107.790 | ug/l   | 96       |
| 52) Toluene                   | 8.714  | 92   | 30685    | 21.494  | ug/l   | 93       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 19321    | 20.550  | ug/l   | 91       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 20593    | 21.179  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 12182    | 20.954  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 20064    | 20.648  | ug/l # | 89       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 20724    | 20.890  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 50721    | 99.455  | ug/l   | 96       |
| 59) 2-Hexanone                | 9.427  | 43   | 80005    | 107.739 | ug/l   | 96       |
| 60) Dibromochloromethane      | 9.518  | 129  | 14245    | 20.852  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 12777    | 20.813  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 10847    | 19.967  | ug/l   | 96       |
| 65) Chlorobenzene             | 10.079 | 112  | 30620    | 18.511  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 10527    | 18.702  | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.189 | 91   | 57263    | 19.330  | ug/l   | 96       |
| 68) m/p-Xylenes               | 10.299 | 106  | 42001    | 38.725  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 19513    | 18.728  | ug/l   | 98       |
| 70) Styrene                   | 10.652 | 104  | 32549    | 18.661  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 8303     | 18.060  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 52000    | 17.703  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 24574    | 16.992  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 17437    | 17.535  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 18809    | 22.513  | ug/l   | 89       |
| 77) Bromobenzene              | 11.195 | 156  | 12451    | 17.512  | ug/l   | 96       |
| 78) n-propylbenzene           | 11.305 | 91   | 63140    | 17.433  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 37355    | 17.874  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 44658    | 18.135  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 5352     | 16.261  | ug/l # | 91       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 44613    | 17.020  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 45465    | 18.408  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 46246    | 18.660  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 59418    | 18.918  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 49761    | 19.107  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 25520    | 18.795  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 26252    | 18.206  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 49921    | 19.008  | ug/l   | 95       |
| 90) Hexachloroethane          | 12.536 | 117  | 8434     | 18.598  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 24915    | 18.677  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 4783     | 19.264  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 17824    | 18.800  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 6774     | 18.127  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 56433    | 18.815  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 16831    | 18.069  | ug/l   | 99       |

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Operator : JC/MD  
Sample : VSTDICC020  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 5 Sample Multiplier: 1

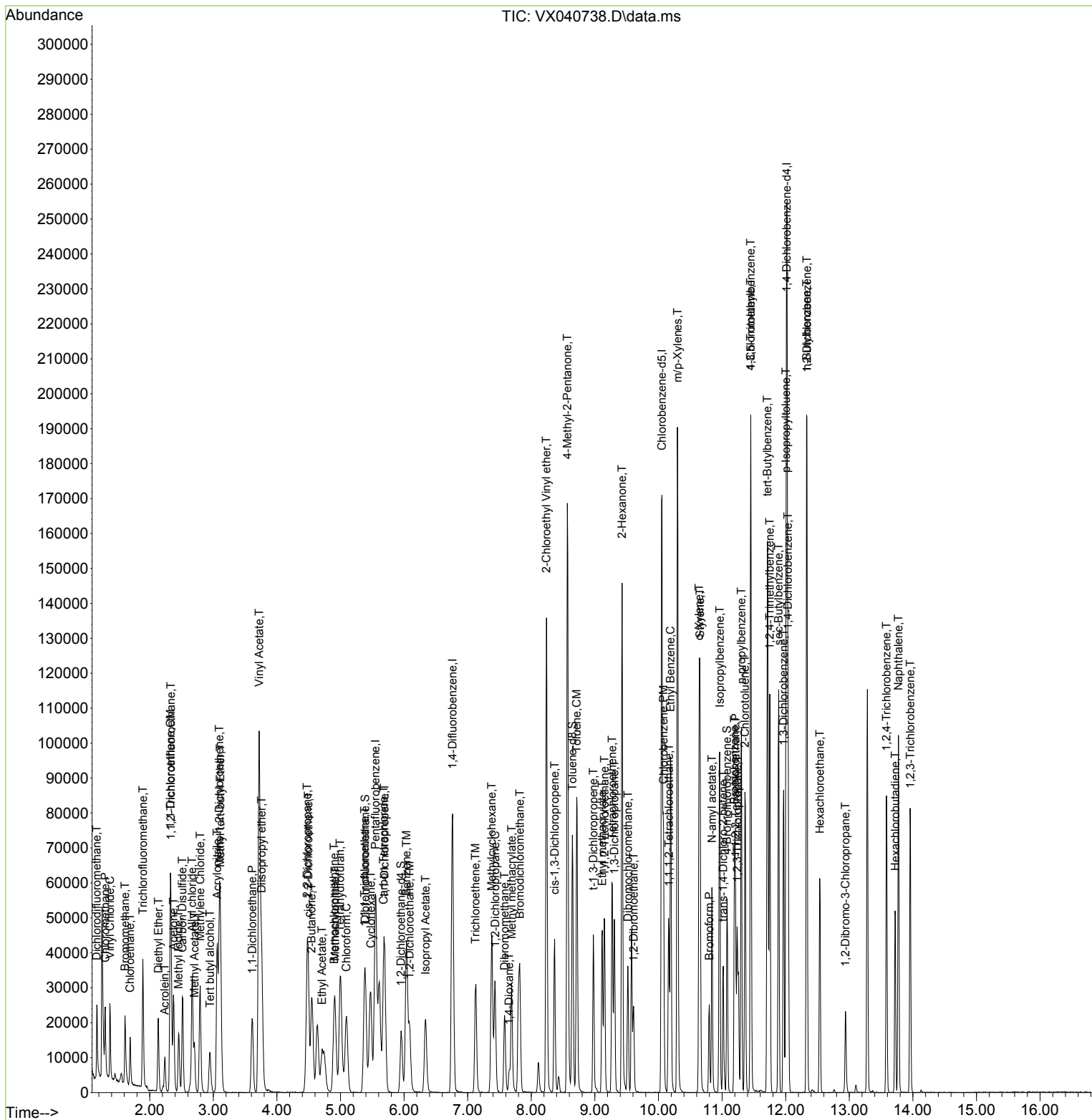
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

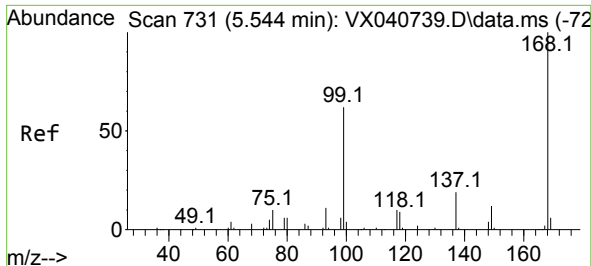
Quant Time: Mar 22 02:02:23 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 22 01:58:09 2024  
Response via : Initial Calibration

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

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

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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

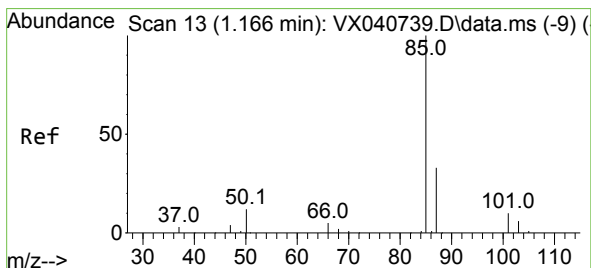
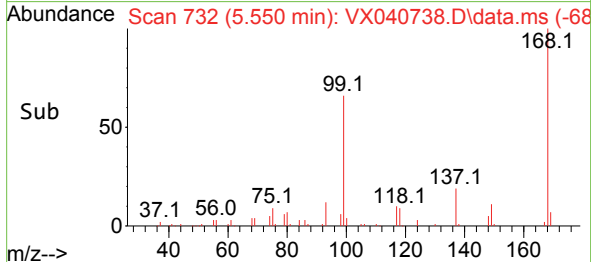
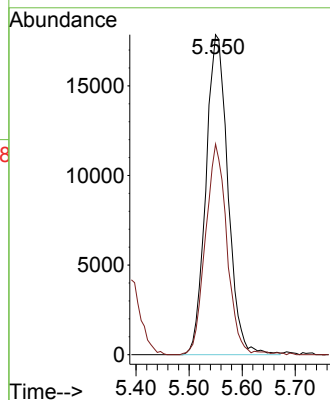
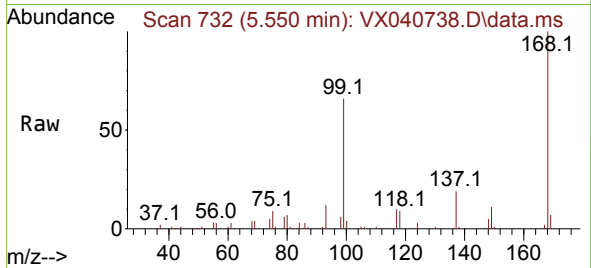




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

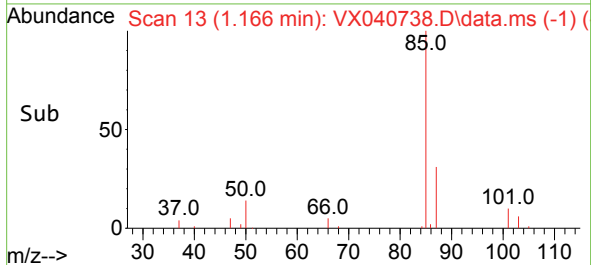
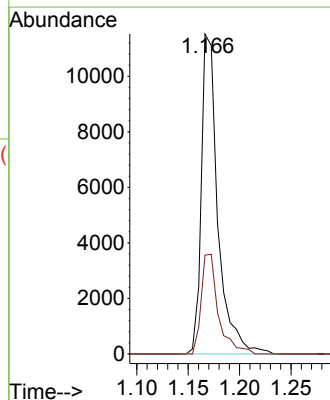
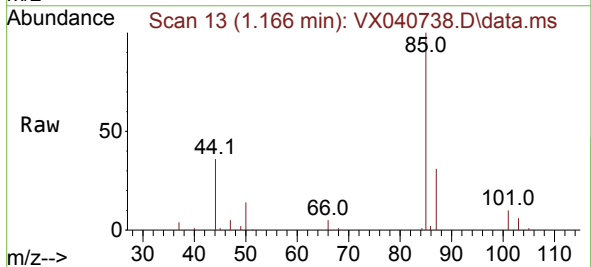
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

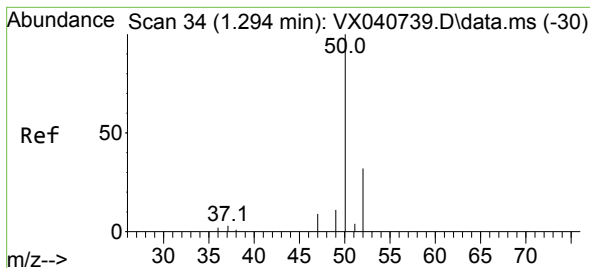
Tgt Ion:168 Resp: 51425  
Ion Ratio Lower Upper  
168 100  
99 65.8 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 19.399 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 85 Resp: 12910  
Ion Ratio Lower Upper  
85 100  
87 30.9 16.7 50.1





#3

Chloromethane

Concen: 19.124 ug/l

RT: 1.300 min Scan# 3

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

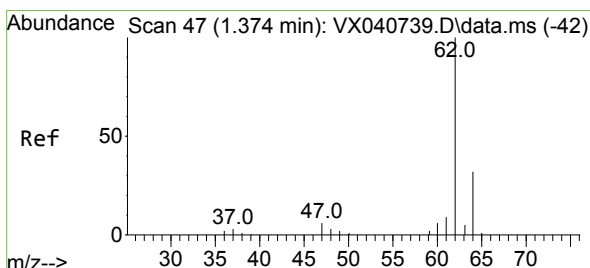
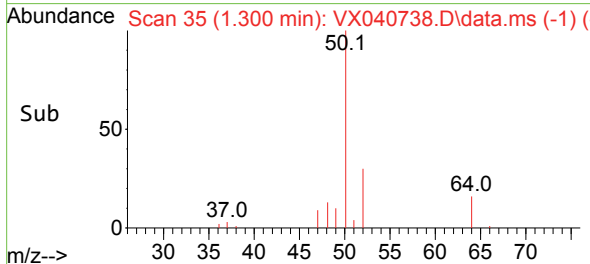
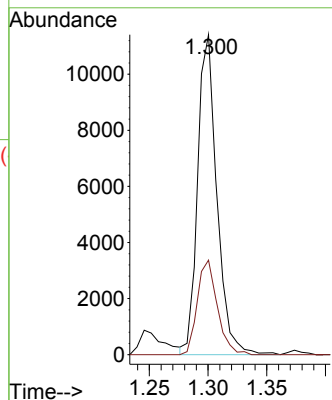
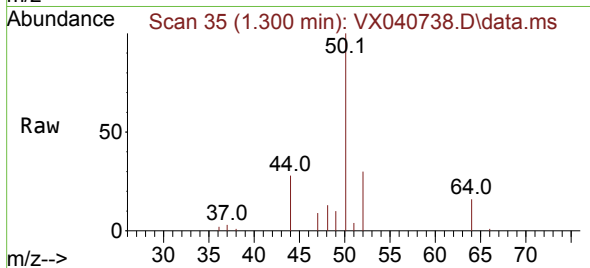
VSTDICC020

Tgt Ion: 50 Resp: 13017

Ion Ratio Lower Upper

50 100

52 29.5 25.5 38.3



#4

Vinyl Chloride

Concen: 19.048 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX040738.D

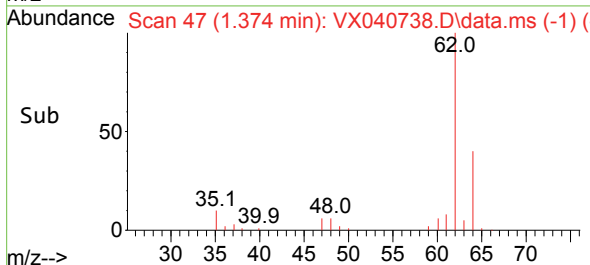
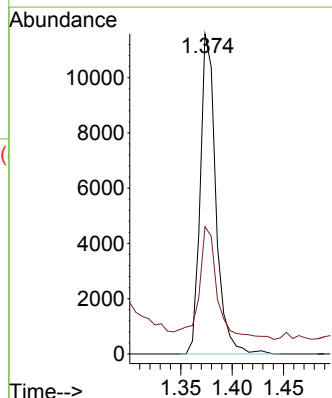
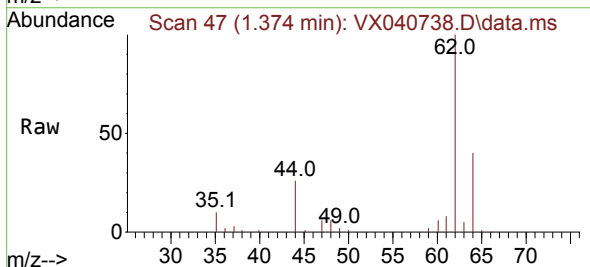
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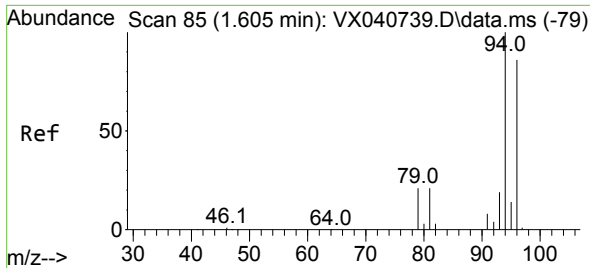
Tgt Ion: 62 Resp: 12277

Ion Ratio Lower Upper

62 100

64 34.8 25.4 38.0

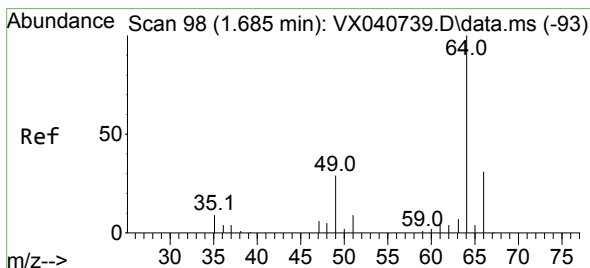
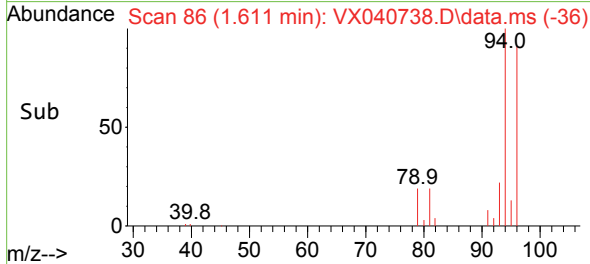
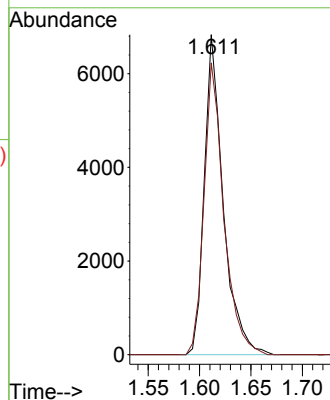
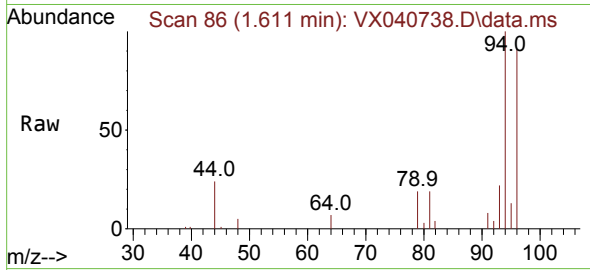




#5  
Bromomethane  
Concen: 20.139 ug/l  
RT: 1.611 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

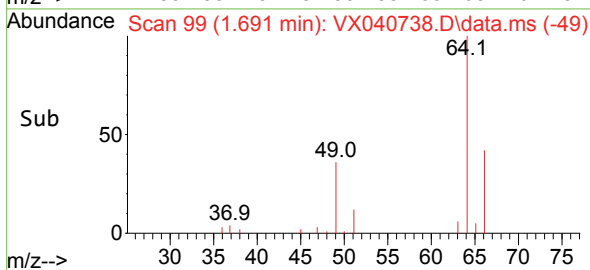
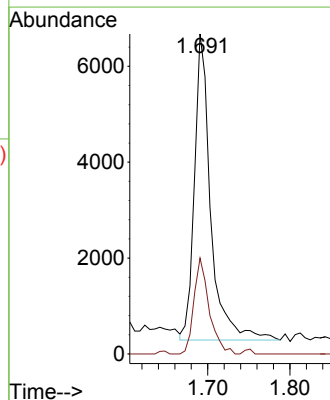
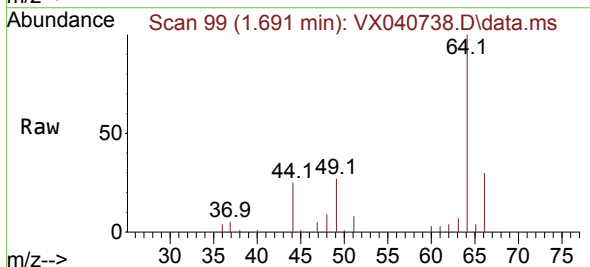
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

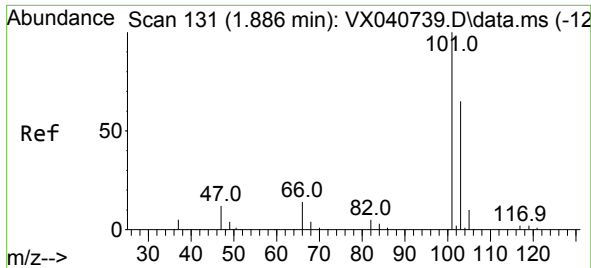
Tgt Ion: 94 Resp: 8750  
Ion Ratio Lower Upper  
94 100  
96 91.2 74.6 111.8



#6  
Chloroethane  
Concen: 19.359 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 64 Resp: 8770  
Ion Ratio Lower Upper  
64 100  
66 31.3 25.1 37.7

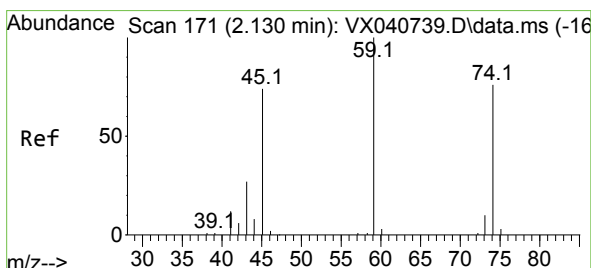
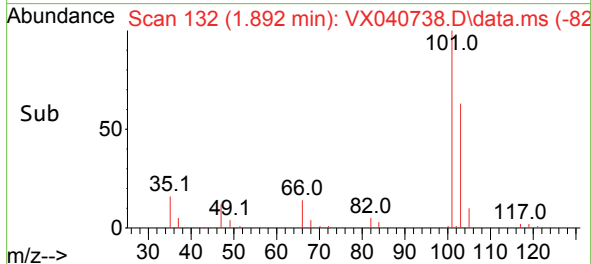
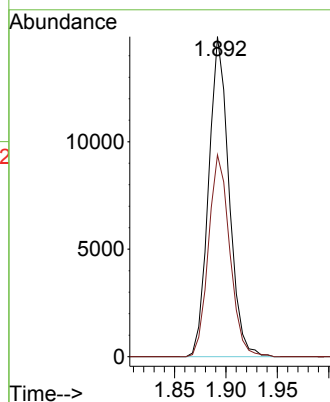
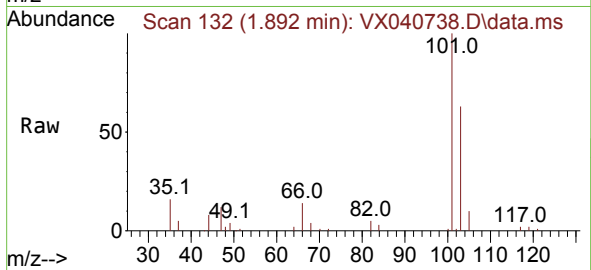




#7  
Trichlorofluoromethane  
Concen: 18.172 ug/l  
RT: 1.892 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

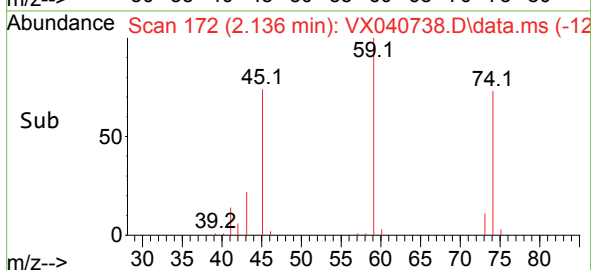
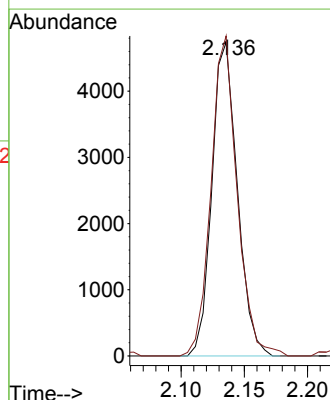
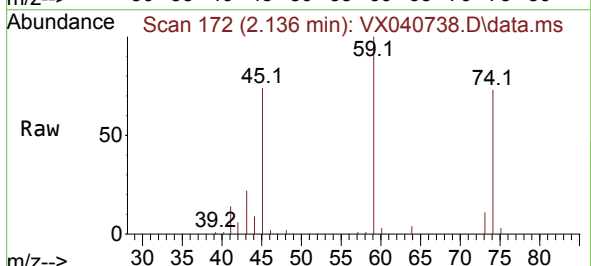
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Tgt Ion:101 Resp: 20493  
Ion Ratio Lower Upper  
101 100  
103 63.0 51.4 77.2

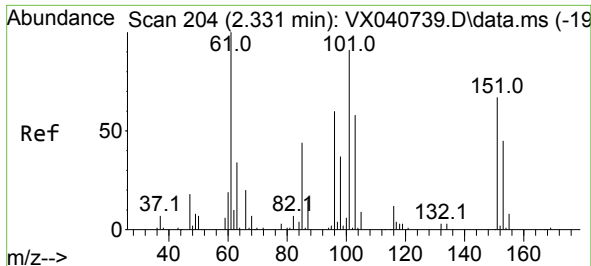


#8  
Diethyl Ether  
Concen: 18.271 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 74 Resp: 6623  
Ion Ratio Lower Upper  
74 100  
45 104.6 53.3 159.8



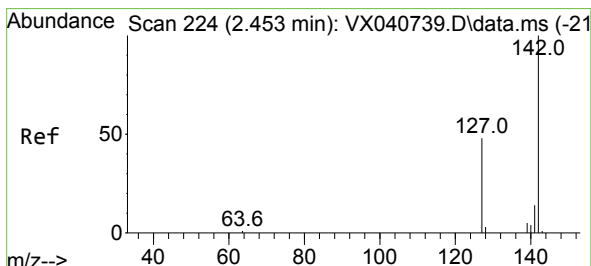
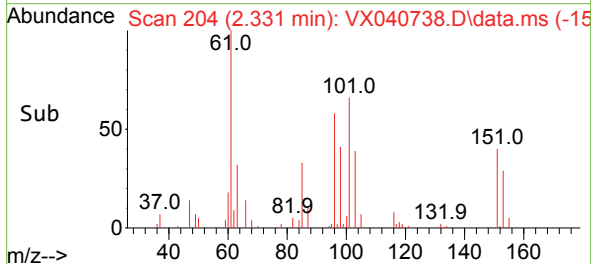
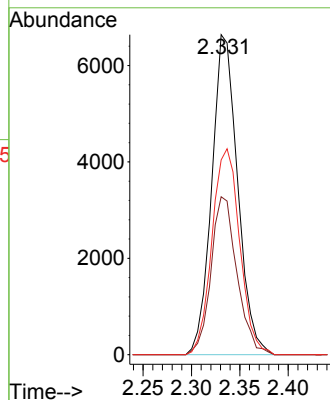
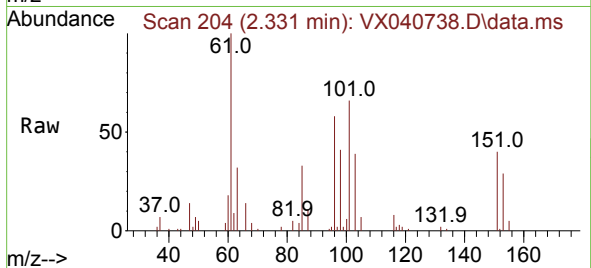




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.073 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

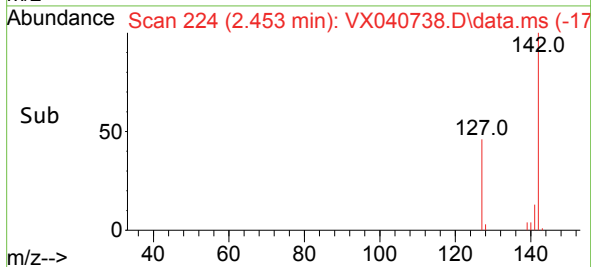
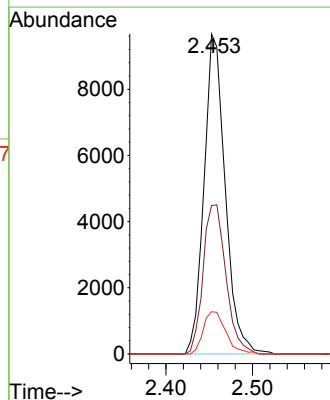
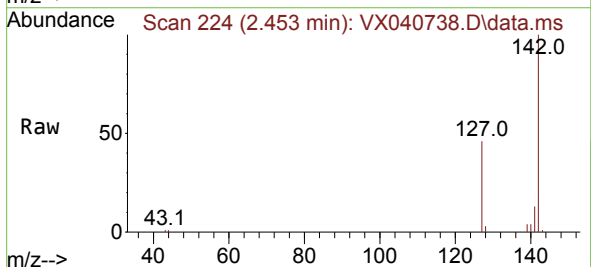
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

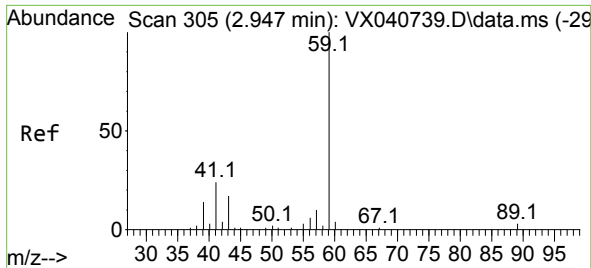
Tgt Ion:101 Resp: 12369  
Ion Ratio Lower Upper  
101 100  
85 49.6 37.0 55.6  
151 68.9 58.6 87.8



#10  
Methyl Iodide  
Concen: 19.151 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion:142 Resp: 16443  
Ion Ratio Lower Upper  
142 100  
127 50.2 41.6 62.4  
141 14.1 11.6 17.4

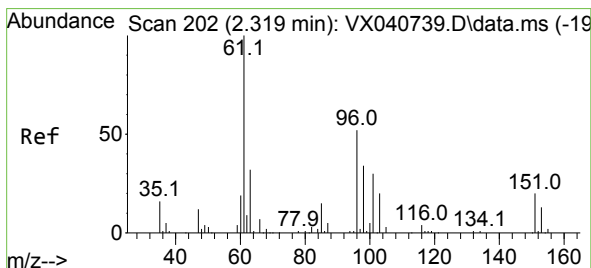
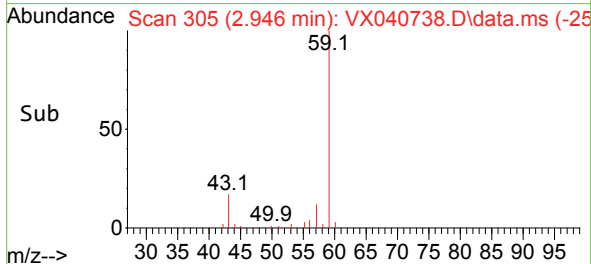
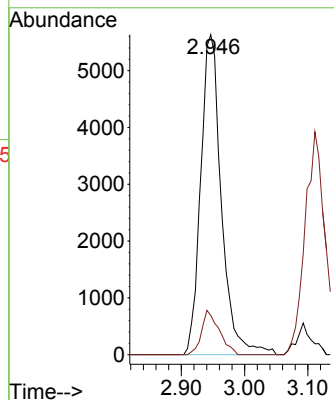
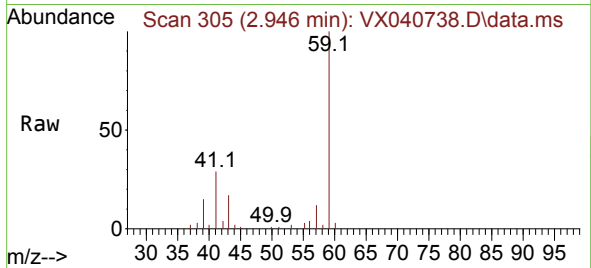




#11  
Tert butyl alcohol  
Concen: 92.716 ug/l  
RT: 2.946 min Scan# 305  
Delta R.T. -0.001 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

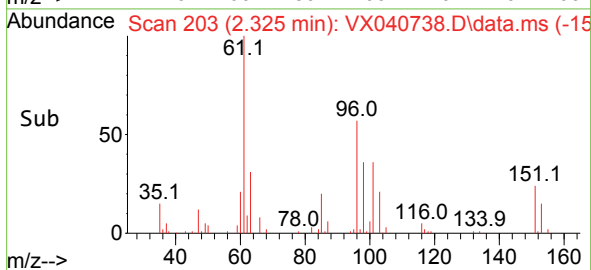
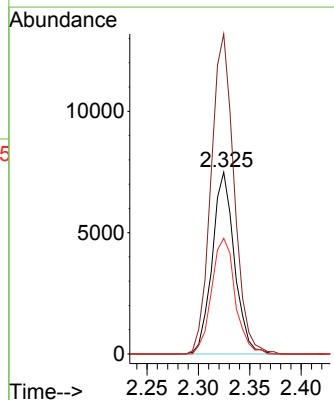
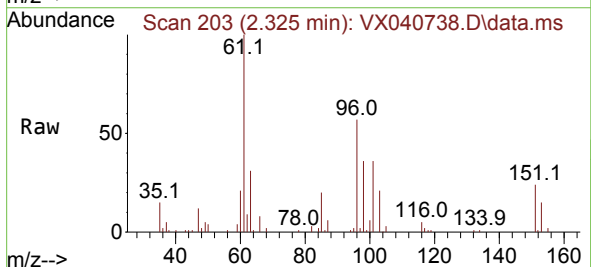
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

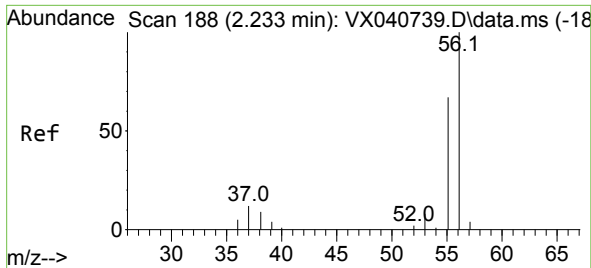
Tgt Ion: 59 Resp: 12838  
Ion Ratio Lower Upper  
59 100  
57 11.8 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 18.539 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 96 Resp: 11261  
Ion Ratio Lower Upper  
96 100  
61 176.1 144.6 216.8  
98 63.6 50.4 75.6





#13

Acrolein

Concen: 86.683 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

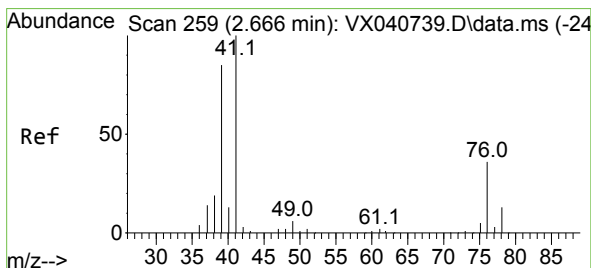
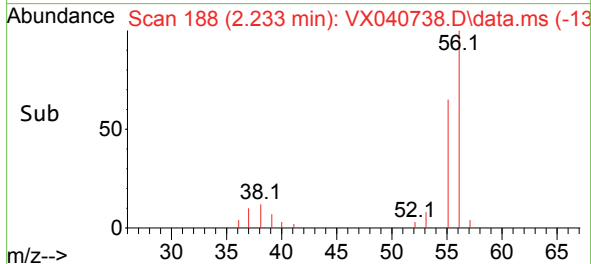
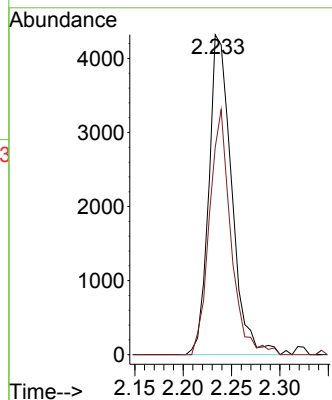
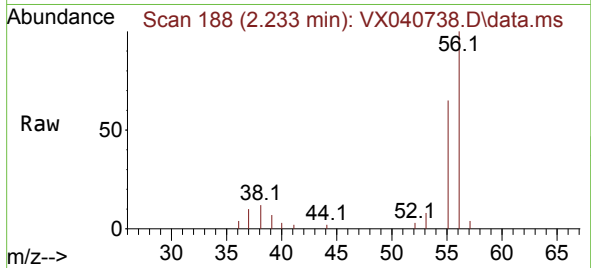
VSTDICC020

Tgt Ion: 56 Resp: 7103

Ion Ratio Lower Upper

56 100

55 72.1 57.1 85.7



#14

Allyl chloride

Concen: 18.814 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

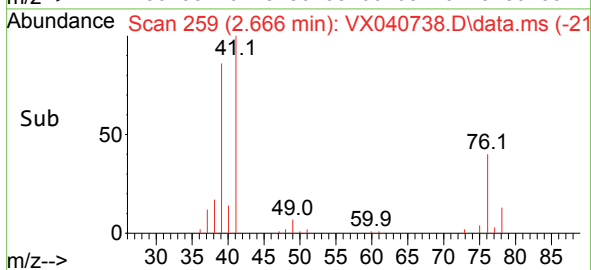
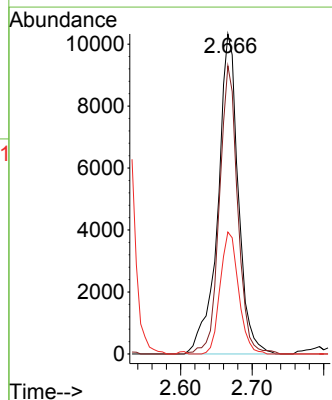
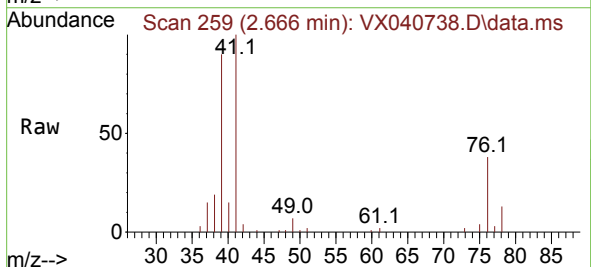
Tgt Ion: 41 Resp: 20481

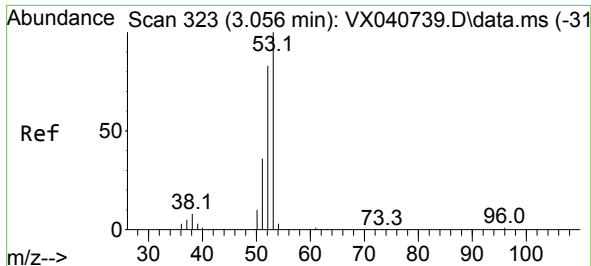
Ion Ratio Lower Upper

41 100

39 80.5 55.8 83.6

76 34.3 24.3 36.5

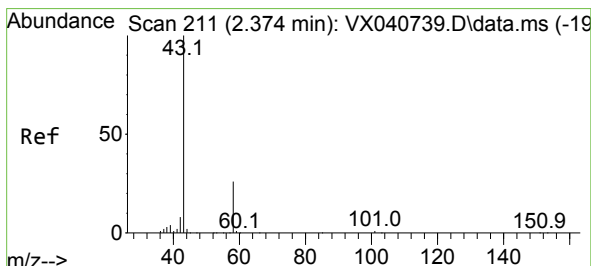
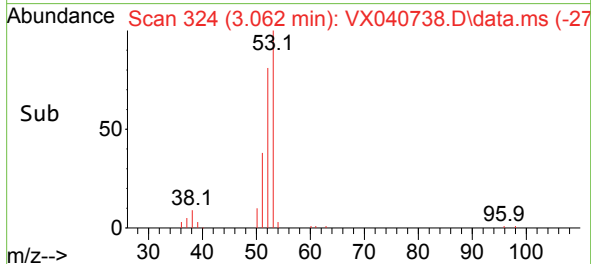
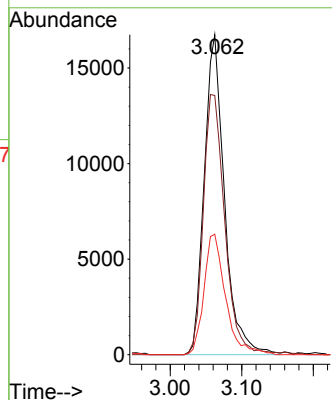
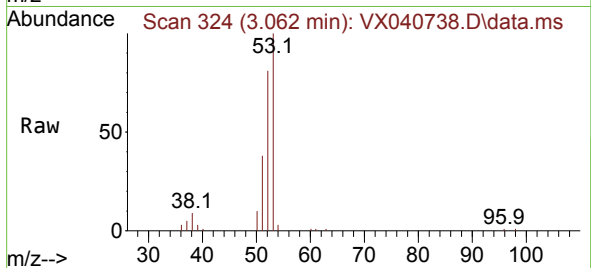




#15  
Acrylonitrile  
Concen: 96.208 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

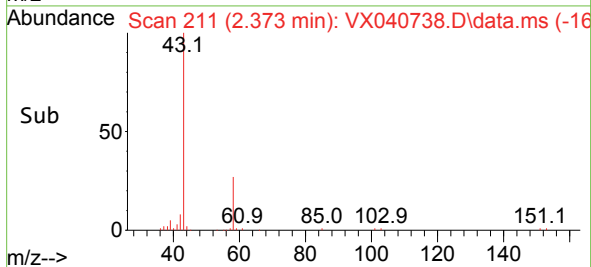
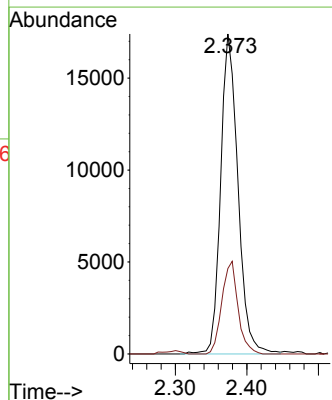
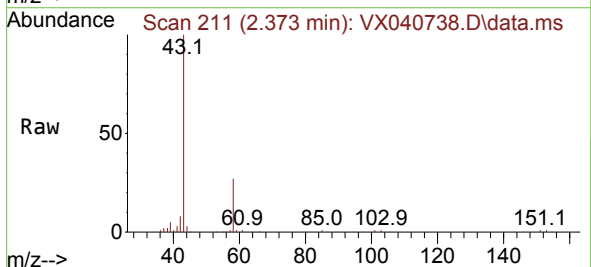
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

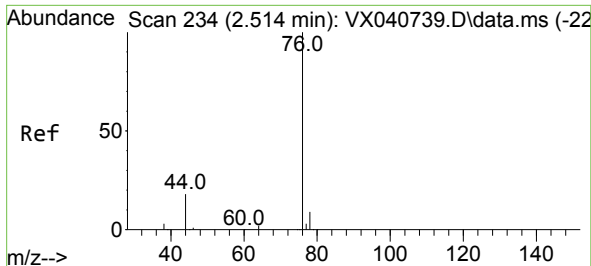
Tgt Ion: 53 Resp: 32886  
Ion Ratio Lower Upper  
53 100  
52 86.2 66.0 99.0  
51 40.2 29.8 44.6



#16  
Acetone  
Concen: 95.535 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.001 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 43 Resp: 29260  
Ion Ratio Lower Upper  
43 100  
58 26.7 21.9 32.9





#17

Carbon Disulfide

Concen: 18.777 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

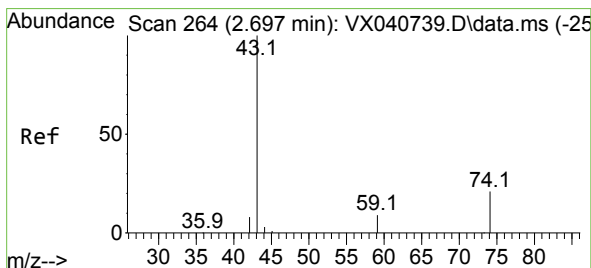
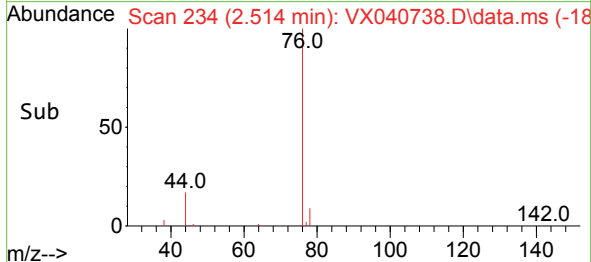
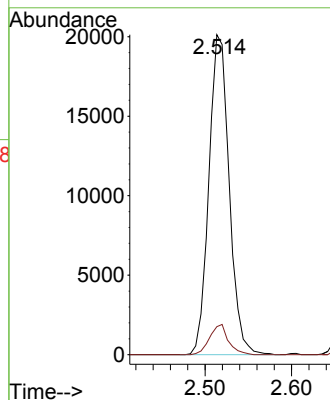
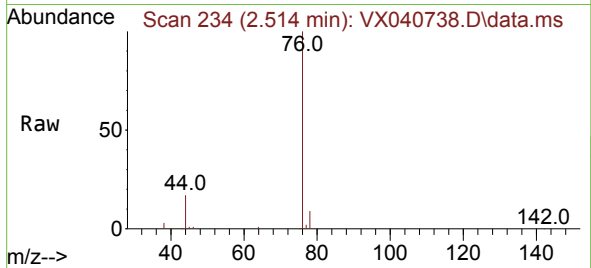
VSTDICC020

Tgt Ion: 76 Resp: 32761

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6



#18

Methyl Acetate

Concen: 18.569 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX040738.D

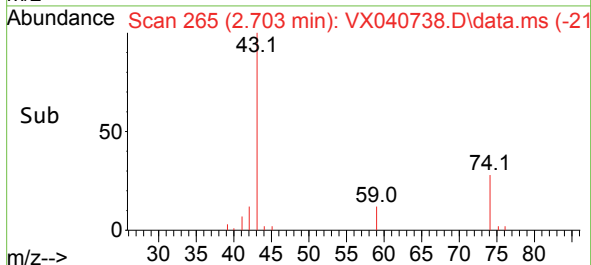
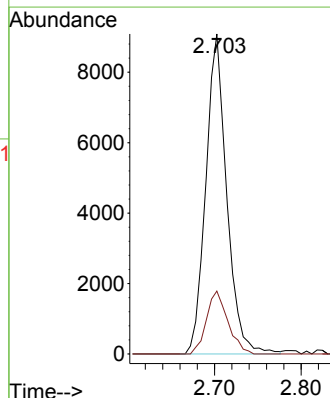
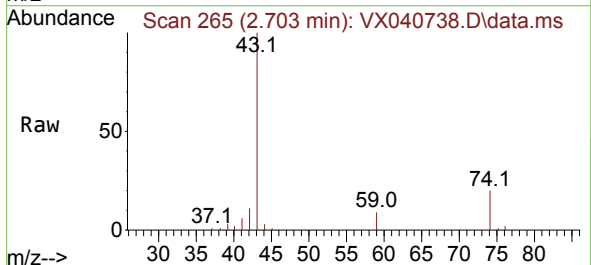
Acq: 21 Mar 2024 10:51

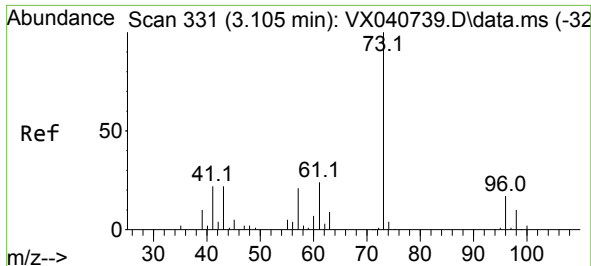
Tgt Ion: 43 Resp: 15242

Ion Ratio Lower Upper

43 100

74 20.1 17.8 26.8

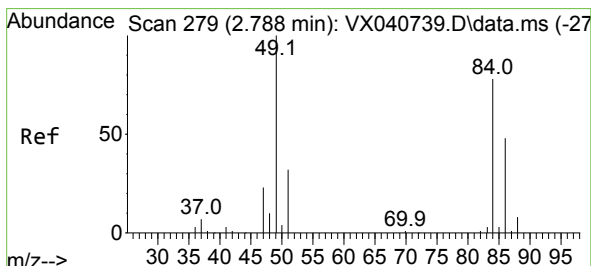
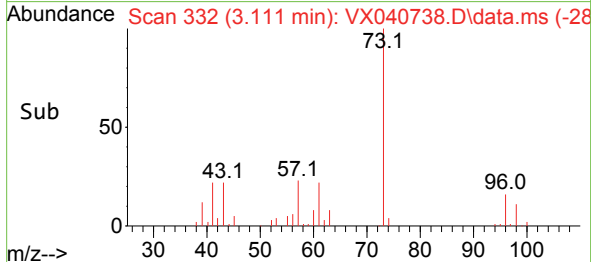
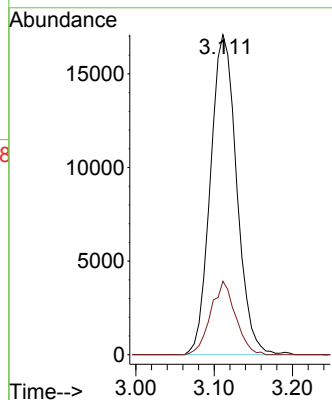
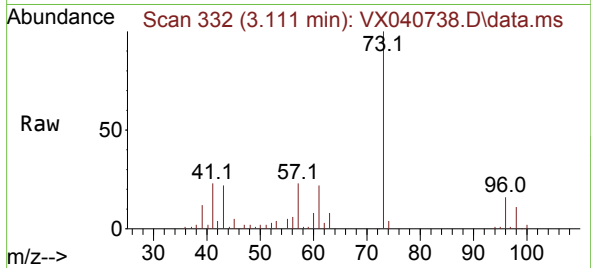




#19  
Methyl tert-butyl Ether  
Concen: 18.994 ug/l  
RT: 3.111 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

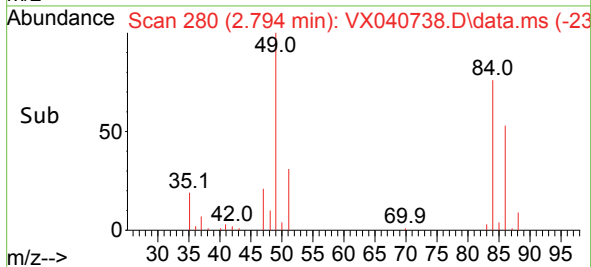
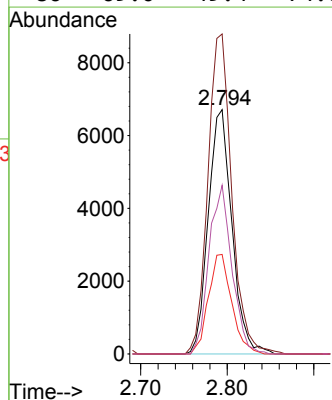
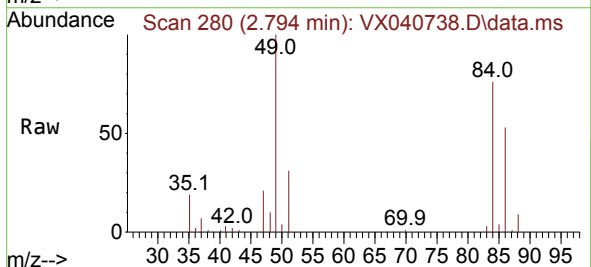
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

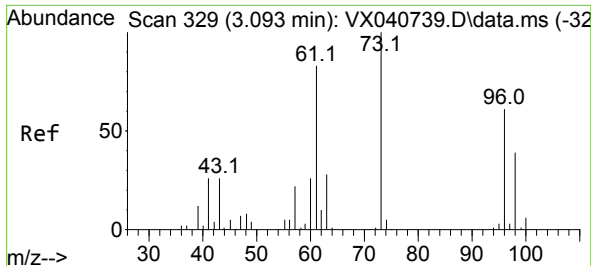
Tgt Ion: 73 Resp: 39820  
Ion Ratio Lower Upper  
73 100  
57 23.0 17.3 25.9



#20  
Methylene Chloride  
Concen: 19.071 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 84 Resp: 12768  
Ion Ratio Lower Upper  
84 100  
49 131.0 103.6 155.4  
51 40.8 33.8 50.6  
86 69.0 49.4 74.0

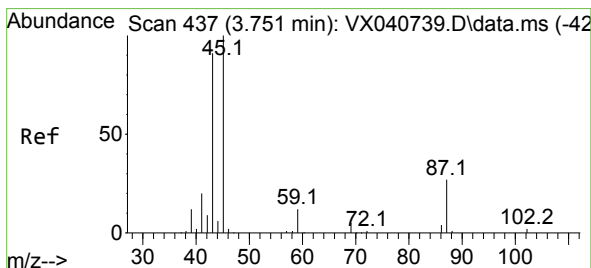
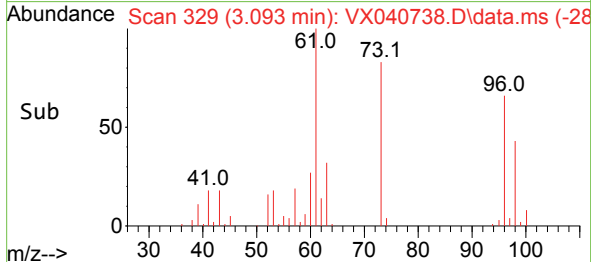
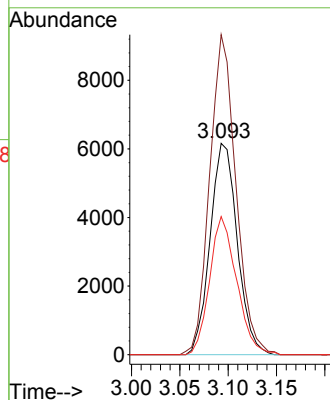
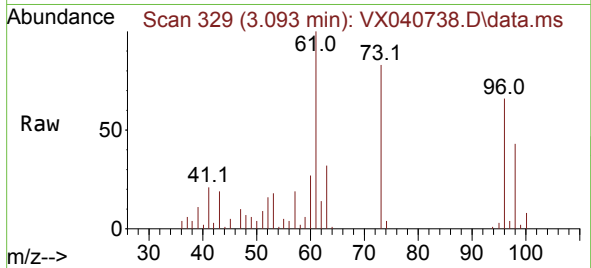




#21  
trans-1,2-Dichloroethene  
Concen: 18.775 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

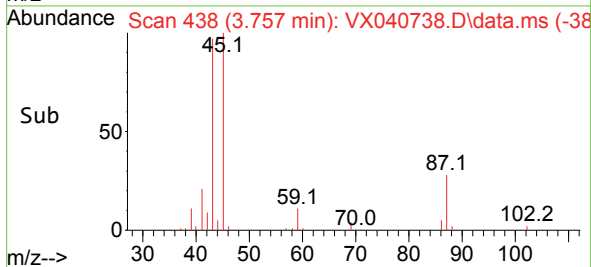
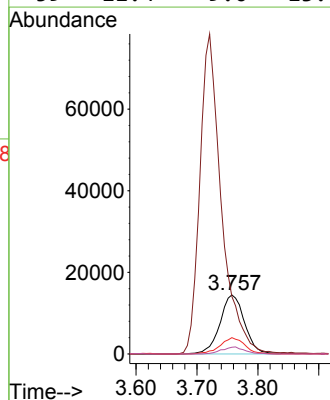
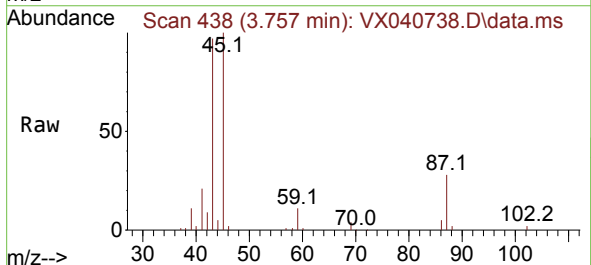
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

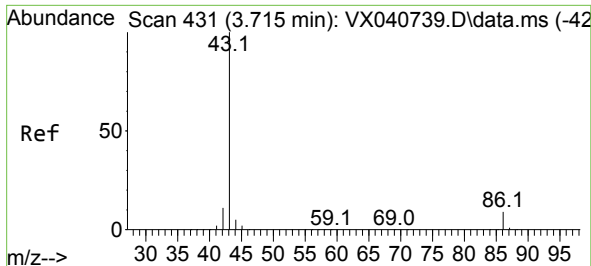
Tgt Ion: 96 Resp: 12039  
Ion Ratio Lower Upper  
96 100  
61 151.4 119.2 178.8  
98 65.3 48.7 73.1



#22  
Diisopropyl ether  
Concen: 19.050 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 45 Resp: 40466  
Ion Ratio Lower Upper  
45 100  
43 96.3 69.7 104.5  
87 27.7 20.8 31.2  
59 11.4 9.0 13.4

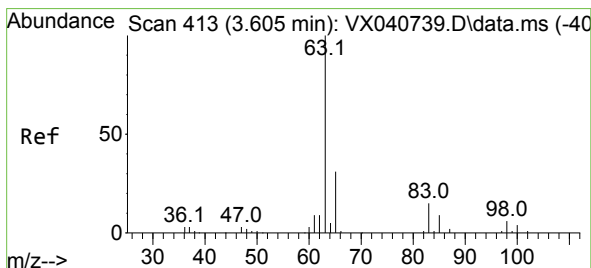
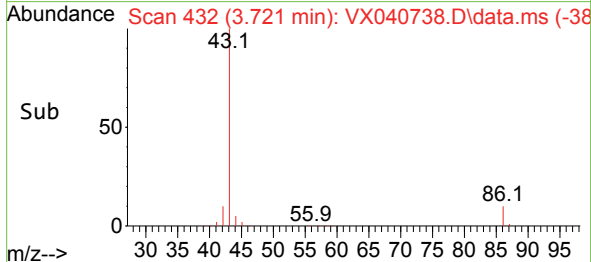
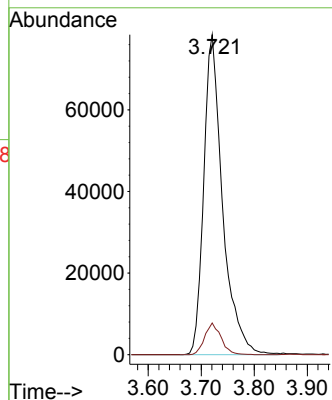
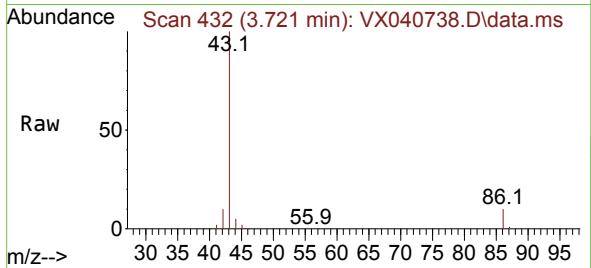




#23  
 Vinyl Acetate  
 Concen: 96.409 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX040738.D  
 Acq: 21 Mar 2024 10:51

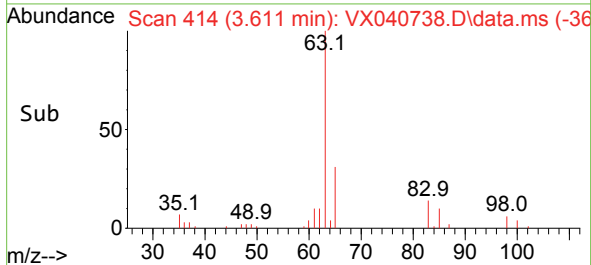
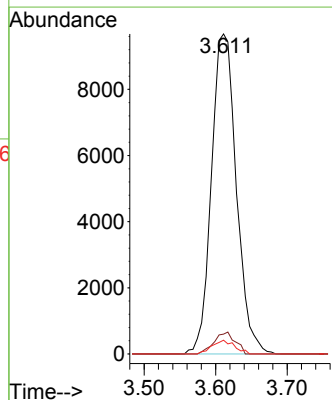
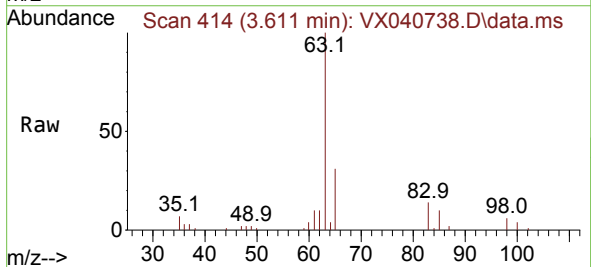
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

Tgt Ion: 43 Resp: 193583  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 7.8 11.8

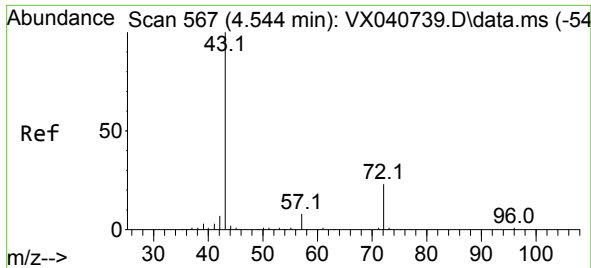


#24  
 1,1-Dichloroethane  
 Concen: 19.227 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX040738.D  
 Acq: 21 Mar 2024 10:51

Tgt Ion: 63 Resp: 23459  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.3 9.8  
 100 4.3 2.1 6.5



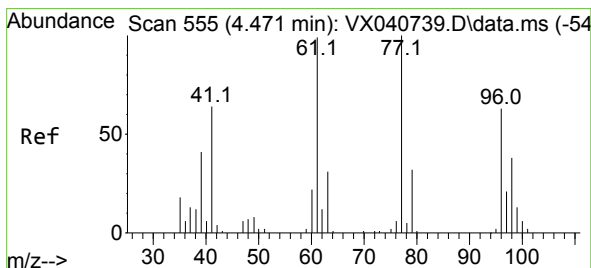
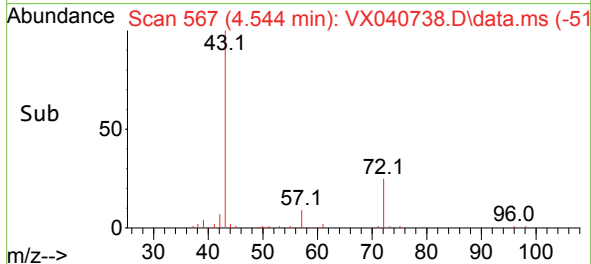
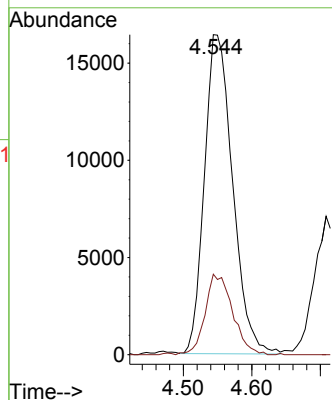
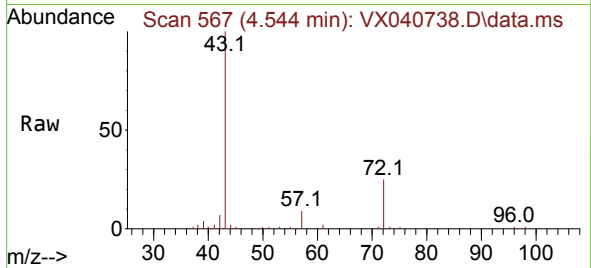




#25  
2-Butanone  
Concen: 98.203 ug/l  
RT: 4.544 min Scan# 567  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

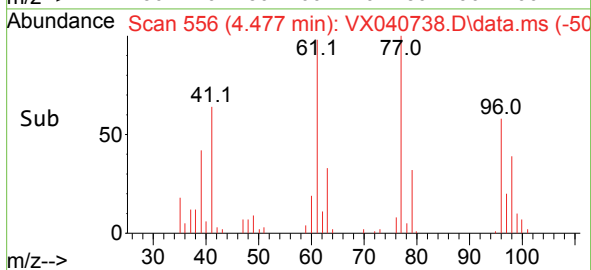
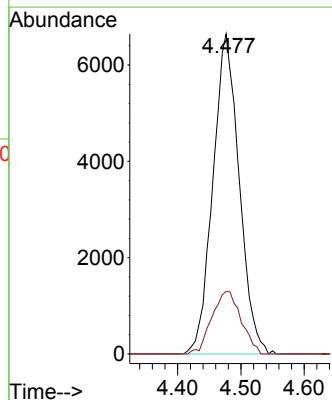
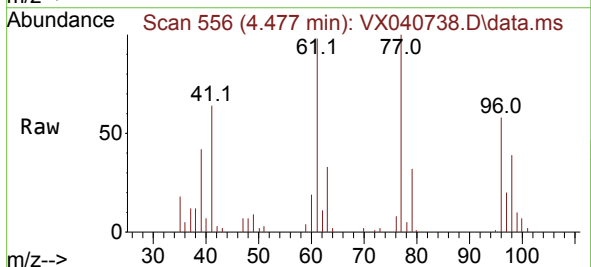
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

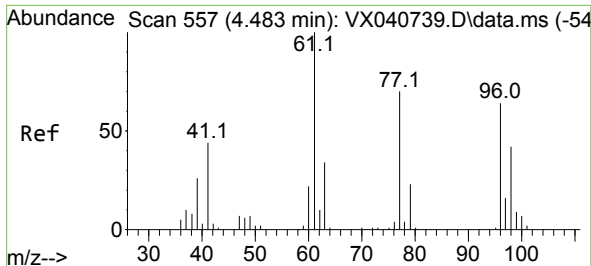
Tgt Ion: 43 Resp: 47110  
Ion Ratio Lower Upper  
43 100  
72 24.8 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 17.999 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 77 Resp: 19161  
Ion Ratio Lower Upper  
77 100  
97 21.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.860 ug/l

RT: 4.495 min Scan# 557

Delta R.T. 0.012 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

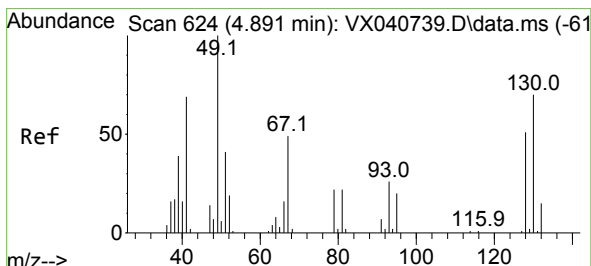
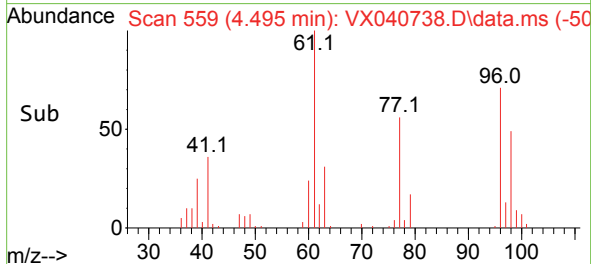
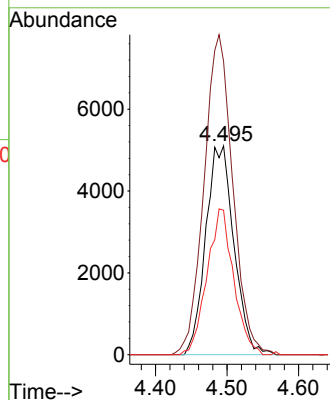
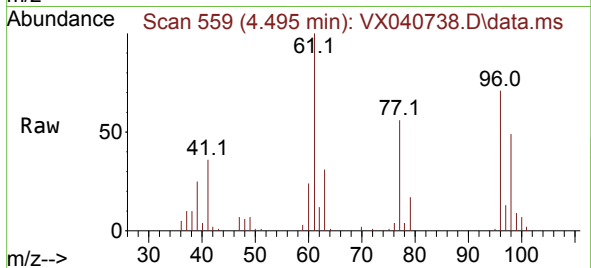
Tgt Ion: 96 Resp: 14009

Ion Ratio Lower Upper

96 100

61 155.8 0.0 312.2

98 65.8 0.0 129.0



#28

Bromochloromethane

Concen: 19.033 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

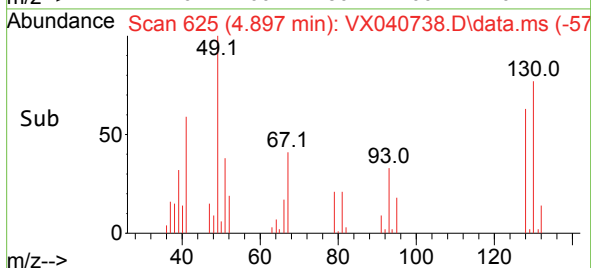
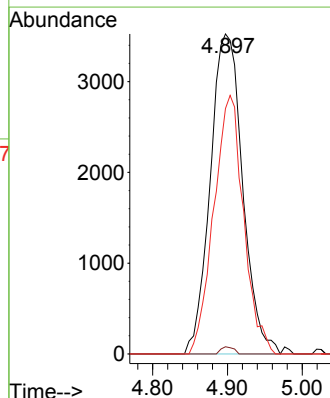
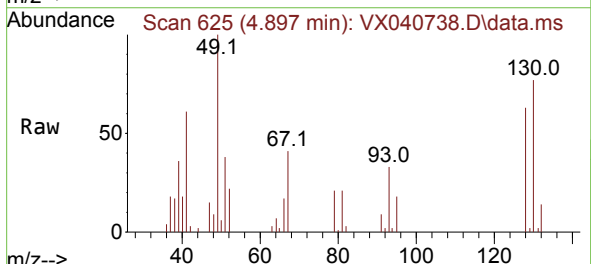
Tgt Ion: 49 Resp: 10621

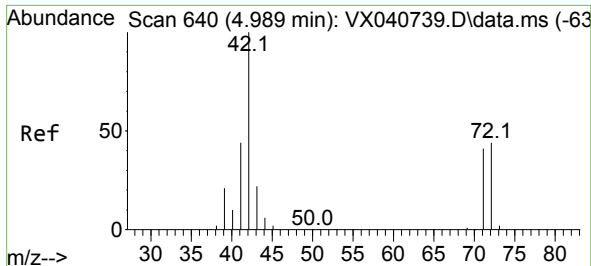
Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.8

130 74.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 96.162 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

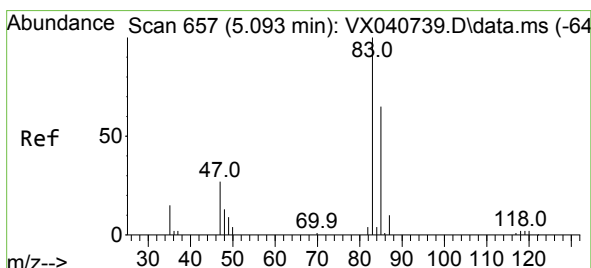
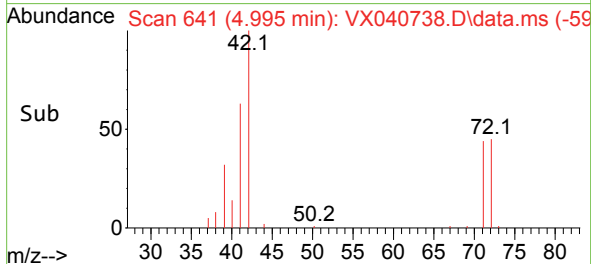
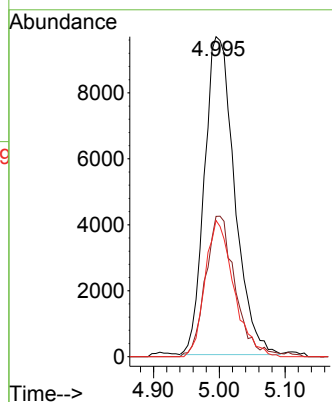
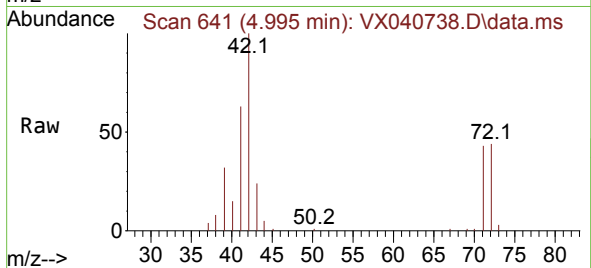
Tgt Ion: 42 Resp: 30684

Ion Ratio Lower Upper

42 100

72 43.6 34.2 51.4

71 41.0 32.2 48.2



#30

Chloroform

Concen: 19.544 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.001 min

Lab File: VX040738.D

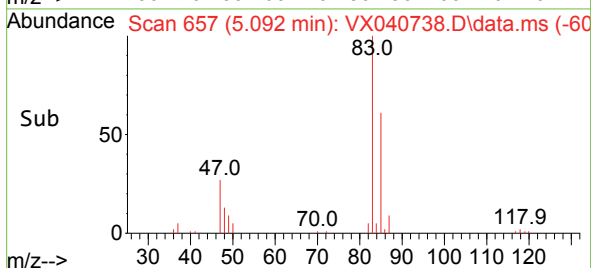
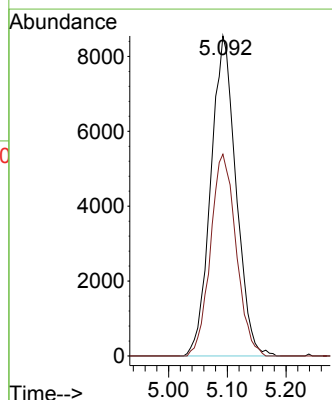
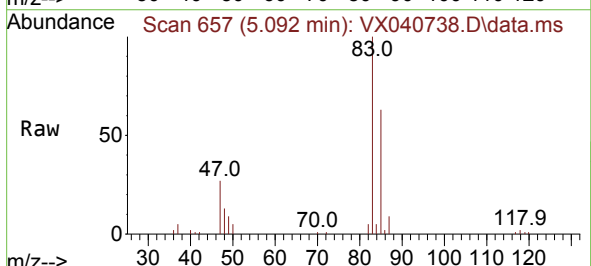
Acq: 21 Mar 2024 10:51

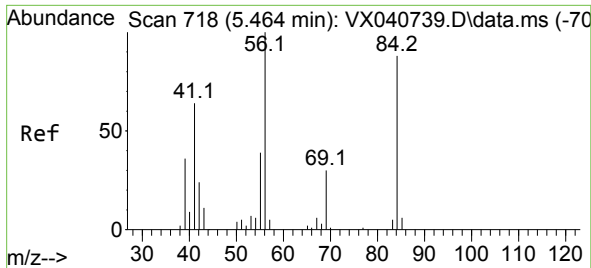
Tgt Ion: 83 Resp: 25529

Ion Ratio Lower Upper

83 100

85 63.0 50.3 75.5

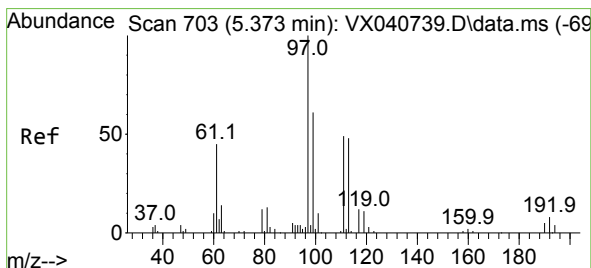
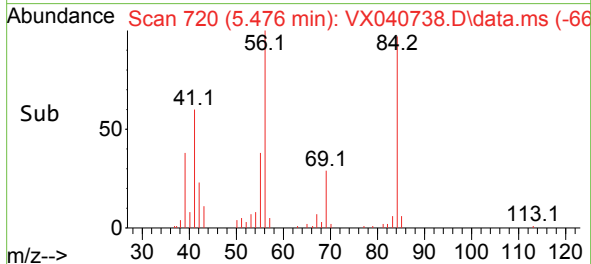
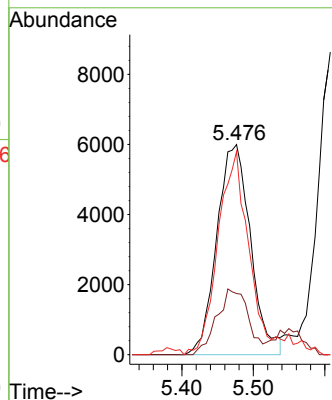
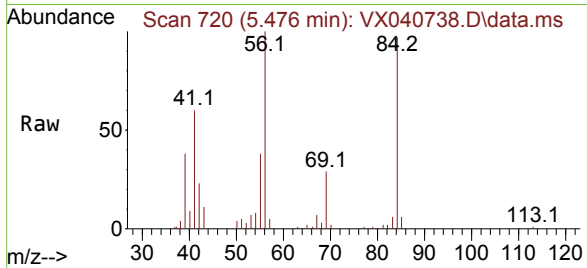




#31  
Cyclohexane  
Concen: 19.120 ug/l  
RT: 5.476 min Scan# 718  
Delta R.T. 0.012 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

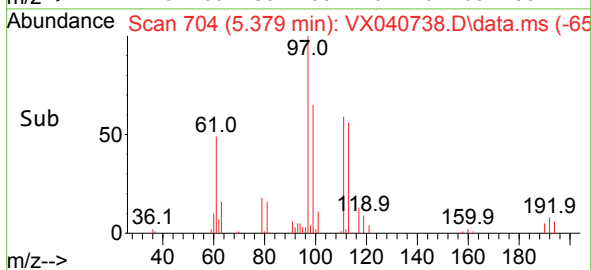
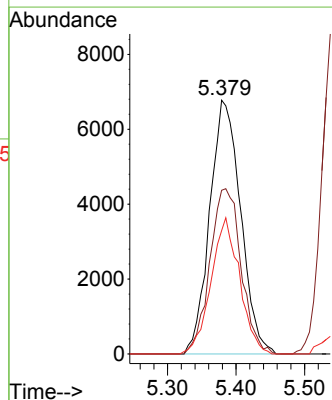
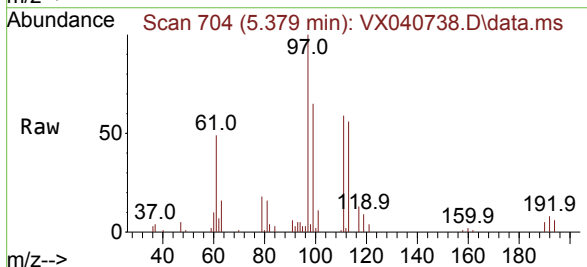
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

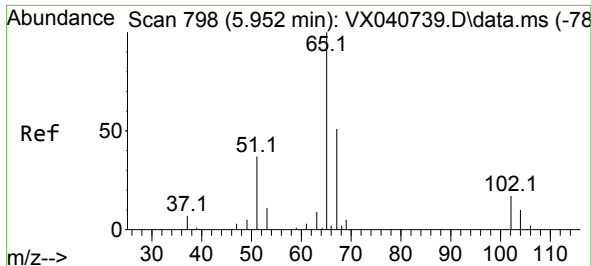
Tgt Ion: 56 Resp: 19643  
Ion Ratio Lower Upper  
56 100  
69 29.1 23.4 35.2  
84 94.3 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 18.908 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 97 Resp: 21229  
Ion Ratio Lower Upper  
97 100  
99 65.8 51.1 76.7  
61 49.6 36.4 54.6

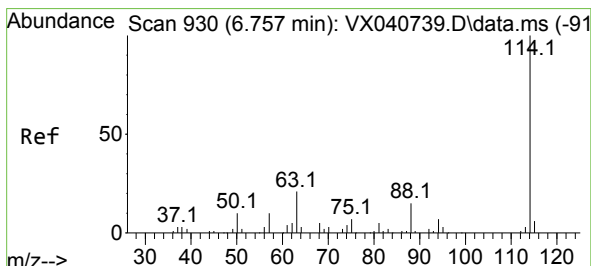
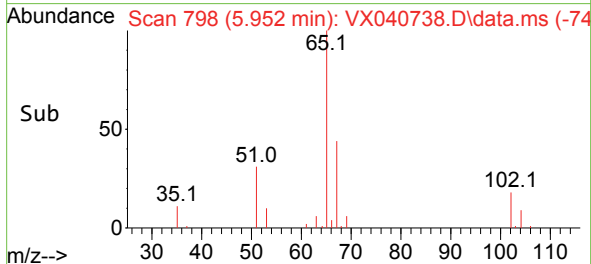
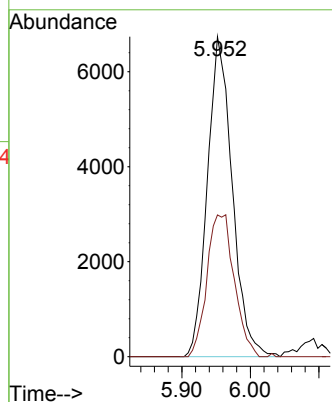
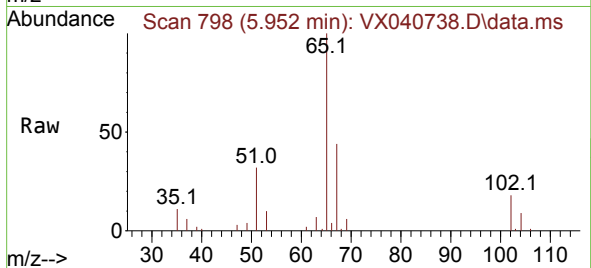




#33  
 1,2-Dichloroethane-d4  
 Concen: 19.624 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. 0.000 min  
 Lab File: VX040738.D  
 Acq: 21 Mar 2024 10:51

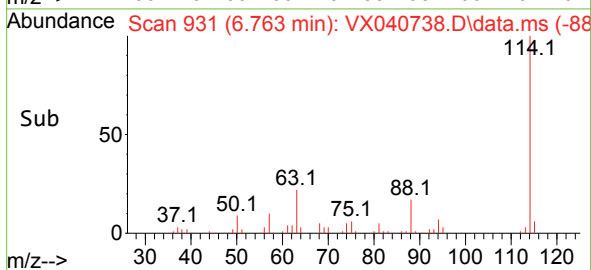
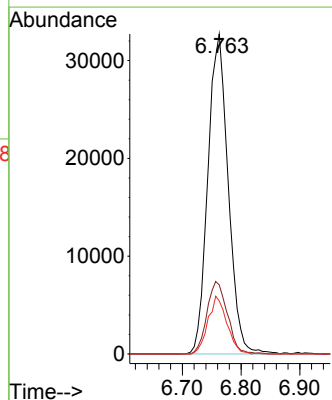
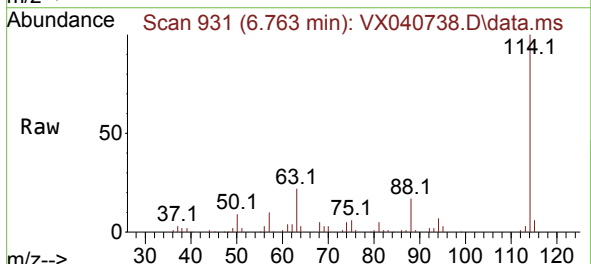
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

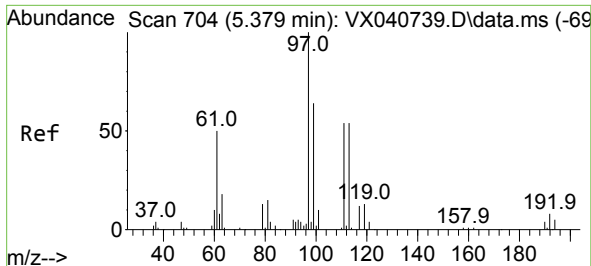
Tgt Ion: 65 Resp: 16969  
 Ion Ratio Lower Upper  
 65 100  
 67 48.8 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.006 min  
 Lab File: VX040738.D  
 Acq: 21 Mar 2024 10:51

Tgt Ion: 114 Resp: 78682  
 Ion Ratio Lower Upper  
 114 100  
 63 21.6 0.0 45.0  
 88 16.6 0.0 36.6

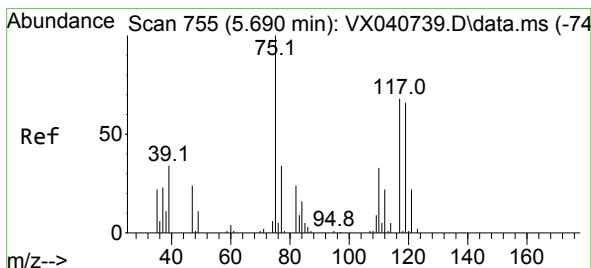
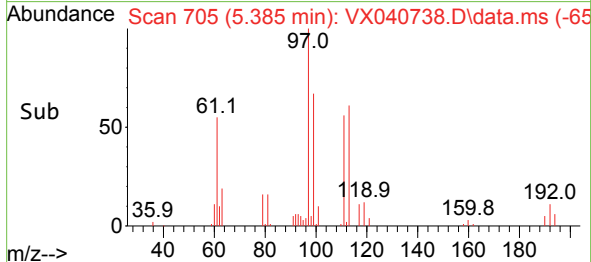
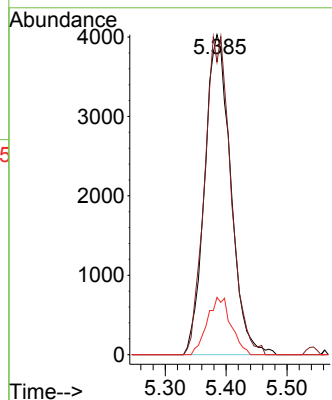
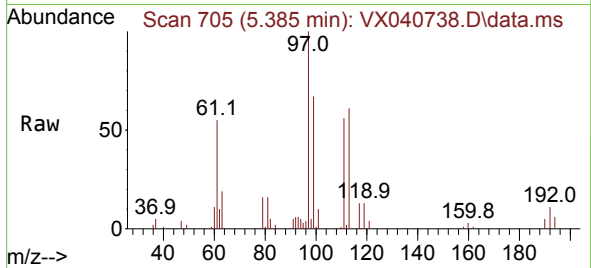




#35  
Dibromofluoromethane  
Concen: 20.313 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

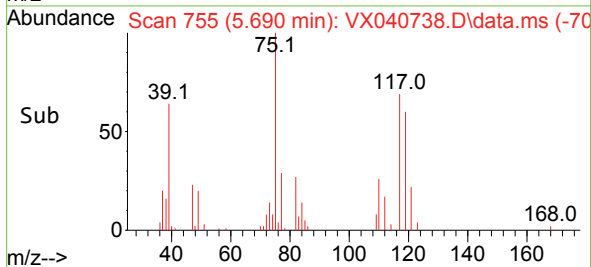
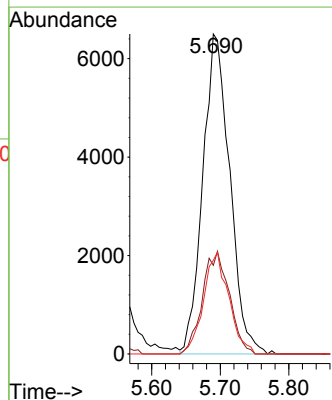
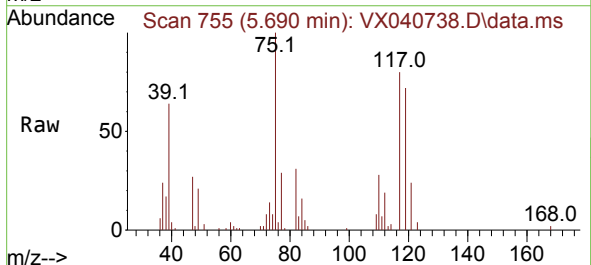
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

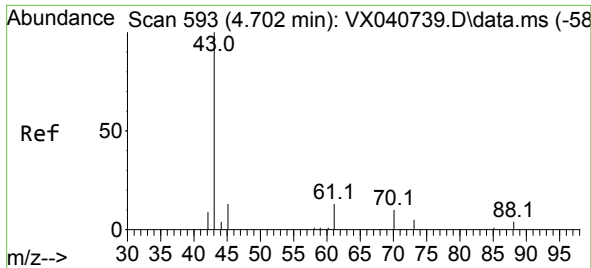
Tgt Ion:113 Resp: 11959  
Ion Ratio Lower Upper  
113 100  
111 100.5 82.9 124.3  
192 16.4 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 20.542 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 75 Resp: 17807  
Ion Ratio Lower Upper  
75 100  
110 32.0 17.0 50.9  
77 29.8 24.7 37.1





#37

Ethyl Acetate

Concen: 20.378 ug/l

RT: 4.708 min Scan# 593

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

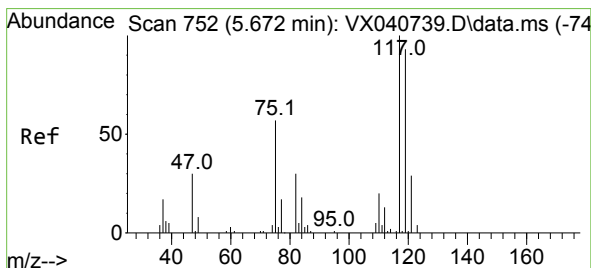
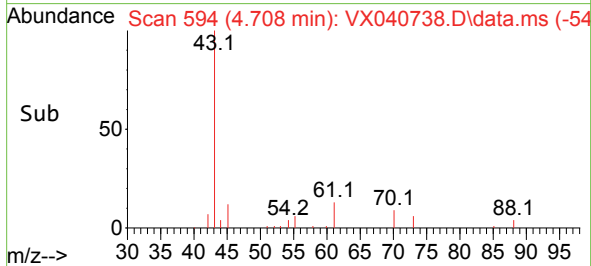
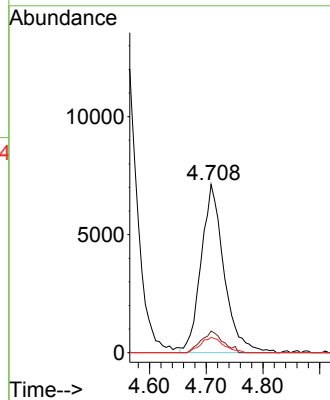
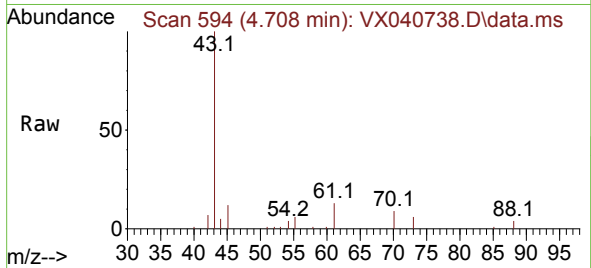
Tgt Ion: 43 Resp: 20059

Ion Ratio Lower Upper

43 100

61 12.0 10.6 16.0

70 9.0 8.3 12.5



#38

Carbon Tetrachloride

Concen: 19.700 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

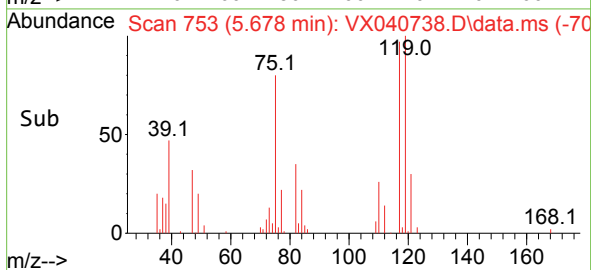
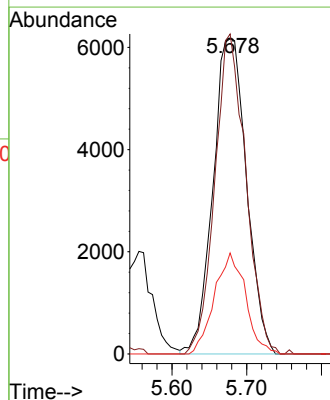
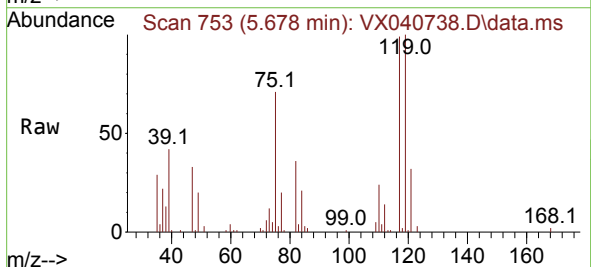
Tgt Ion: 117 Resp: 19221

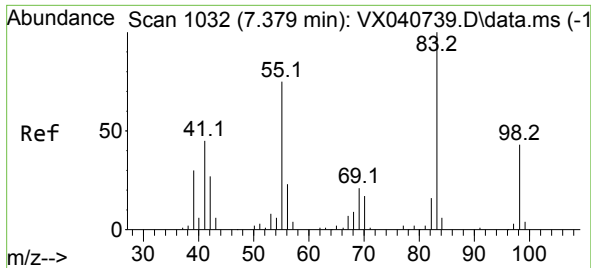
Ion Ratio Lower Upper

117 100

119 101.5 78.2 117.2

121 32.0 24.4 36.6

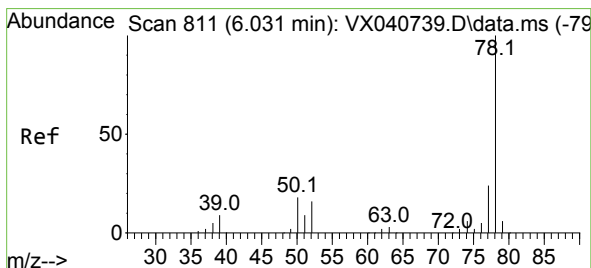
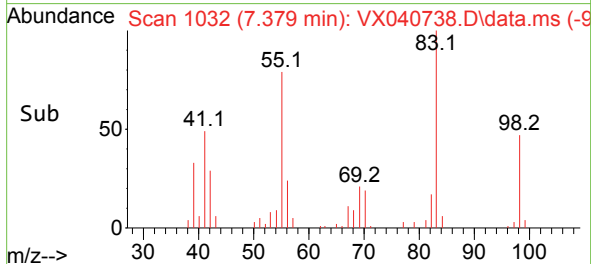
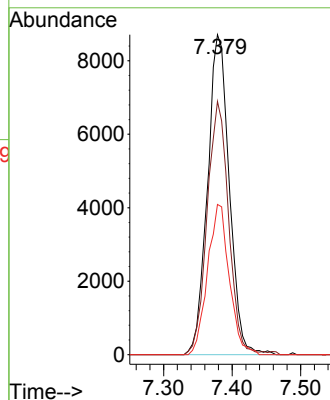
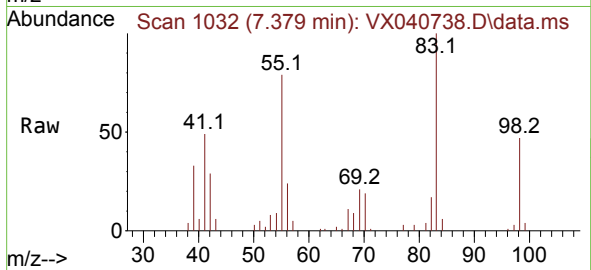




#39  
Methylcyclohexane  
Concen: 20.034 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

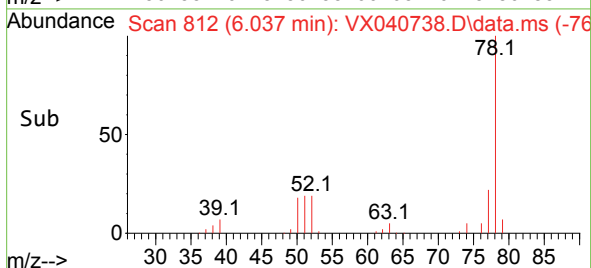
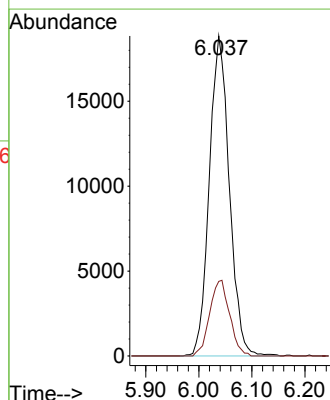
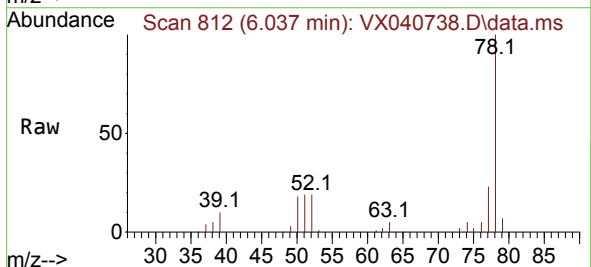
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Tgt Ion: 83 Resp: 19240  
Ion Ratio Lower Upper  
83 100  
55 79.2 64.6 97.0  
98 46.9 36.7 55.1

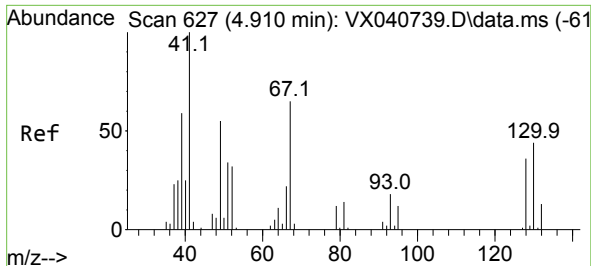


#40  
Benzene  
Concen: 20.661 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 78 Resp: 49457  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.3 28.9



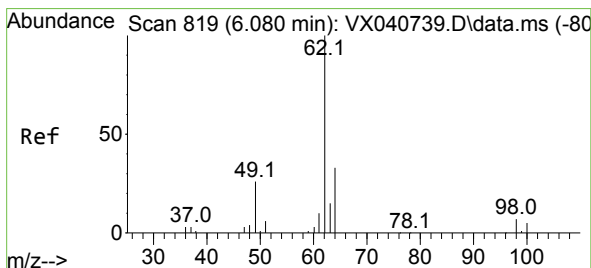
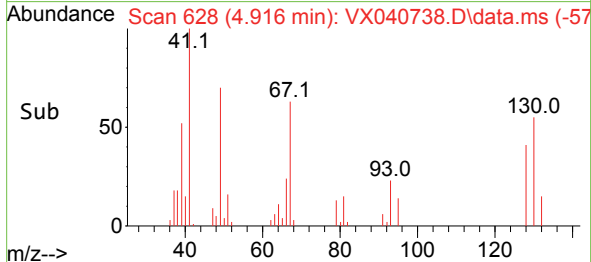
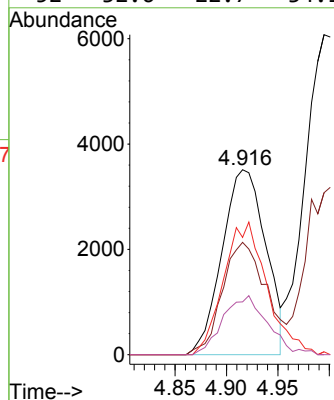
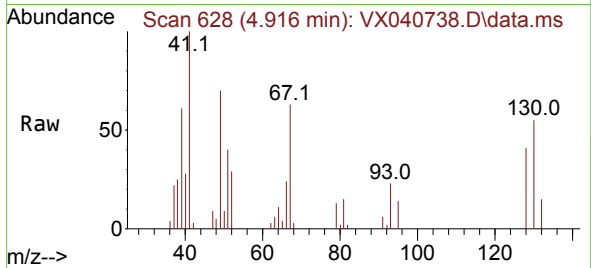




#41  
Methacrylonitrile  
Concen: 20.570 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

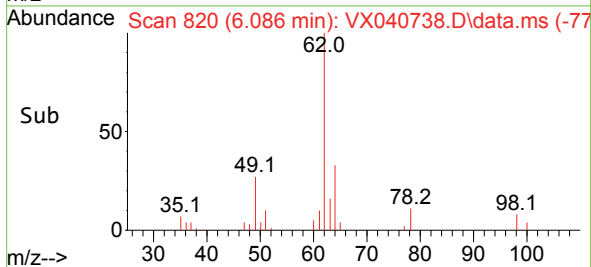
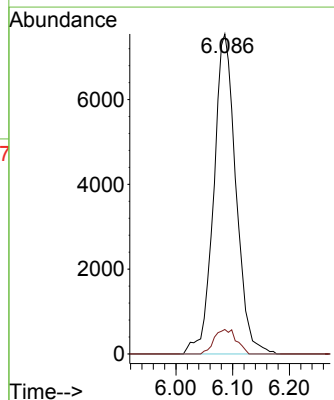
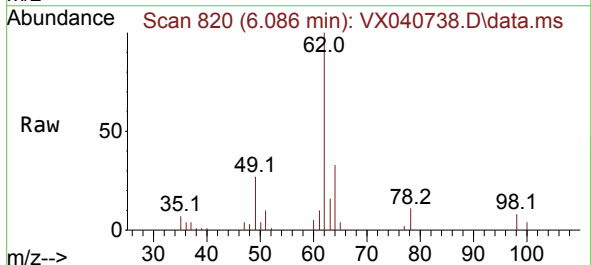
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

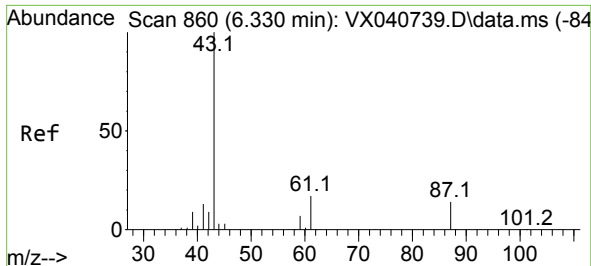
Tgt Ion: 41 Resp: 10381  
Ion Ratio Lower Upper  
41 100  
39 61.7 45.2 67.8  
67 71.3 52.6 78.8  
52 32.6 22.7 34.1



#42  
1,2-Dichloroethane  
Concen: 21.215 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 62 Resp: 20549  
Ion Ratio Lower Upper  
62 100  
98 7.7 0.0 16.0

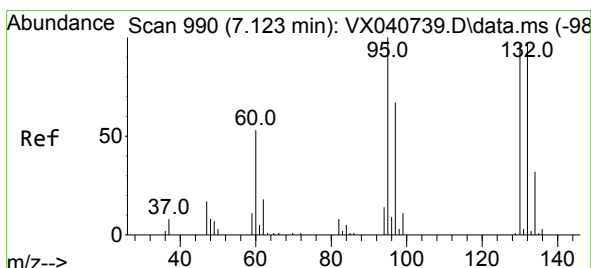
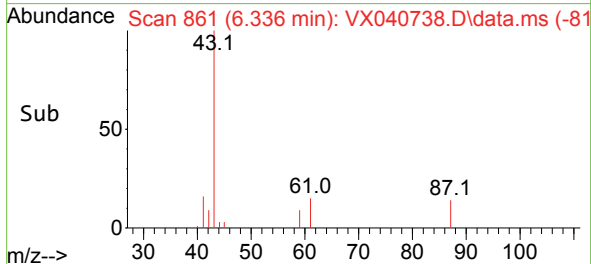
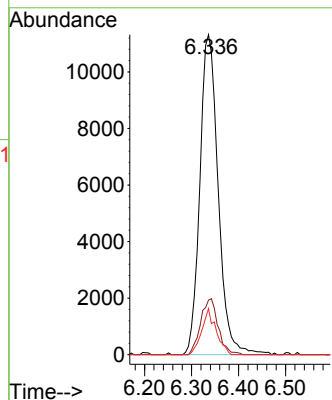
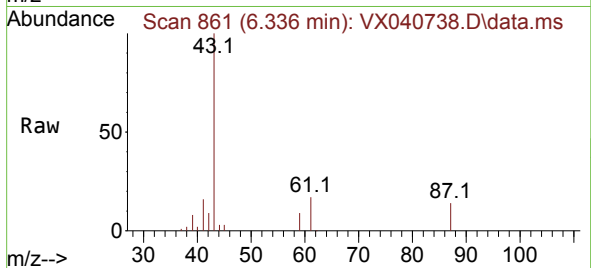




#43  
Isopropyl Acetate  
Concen: 19.849 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

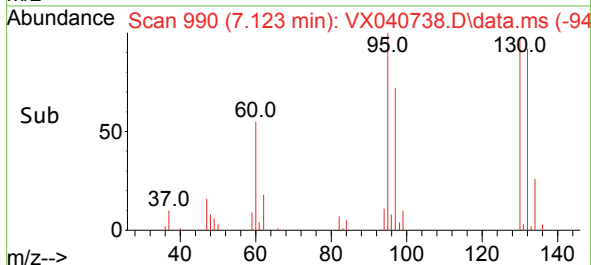
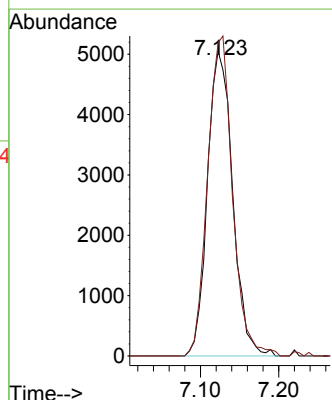
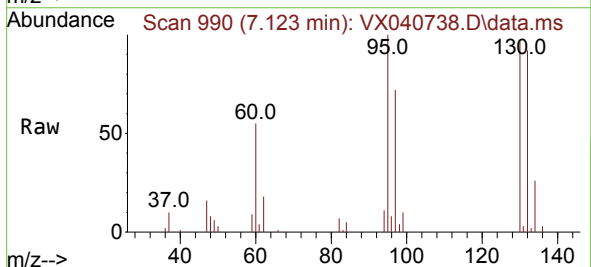
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

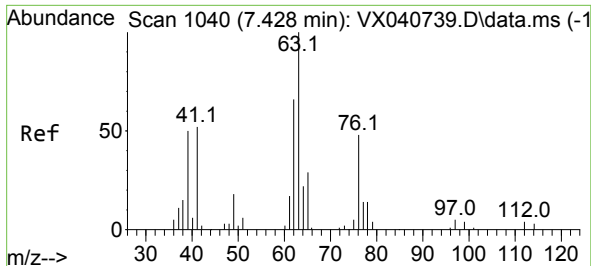
Tgt Ion: 43 Resp: 30681  
Ion Ratio Lower Upper  
43 100  
61 16.7 15.2 22.8  
87 11.3 9.8 14.6



#44  
Trichloroethene  
Concen: 19.685 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion:130 Resp: 11294  
Ion Ratio Lower Upper  
130 100  
95 102.7 0.0 204.4

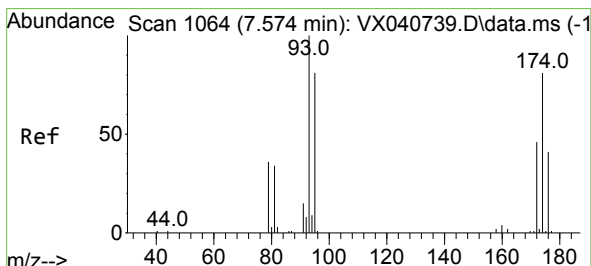
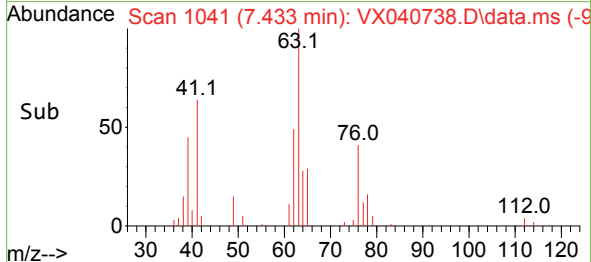
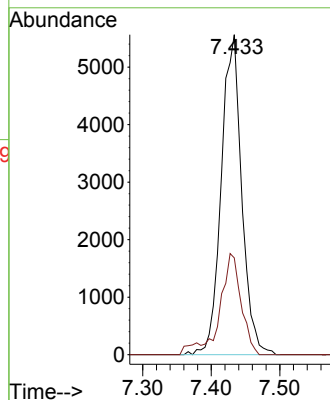
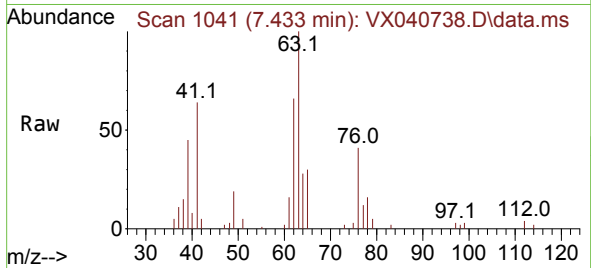




#45  
1,2-Dichloropropane  
Concen: 20.513 ug/l  
RT: 7.433 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

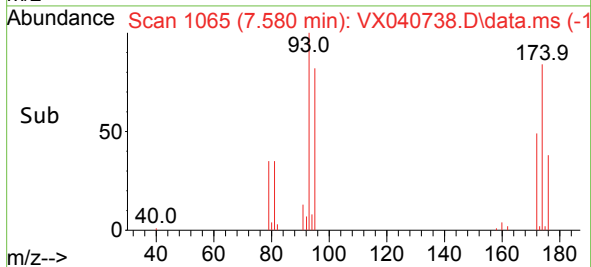
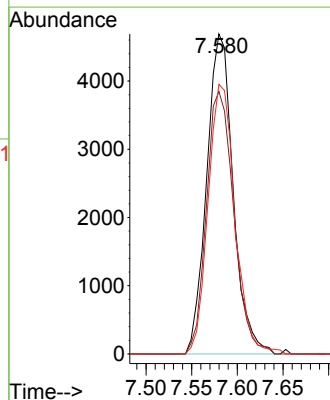
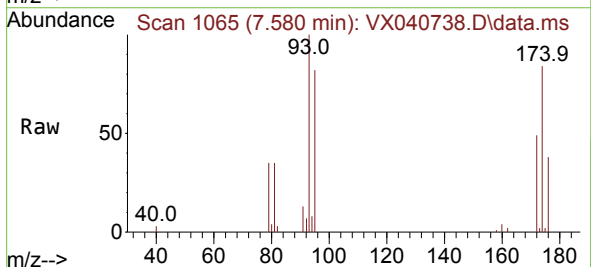
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

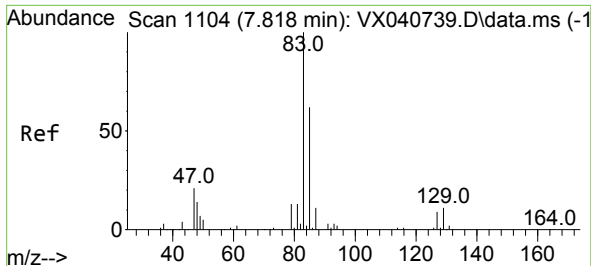
Tgt Ion: 63 Resp: 11520  
Ion Ratio Lower Upper  
63 100  
65 30.2 24.3 36.5



#46  
Dibromomethane  
Concen: 21.235 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 93 Resp: 9445  
Ion Ratio Lower Upper  
93 100  
95 84.5 66.6 100.0  
174 85.1 69.4 104.0

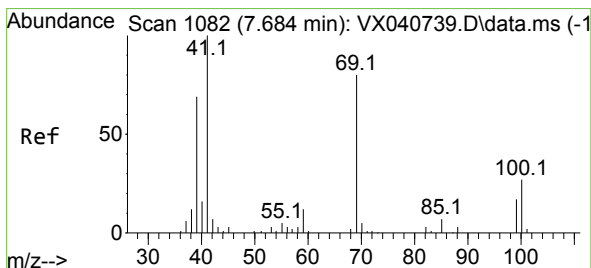
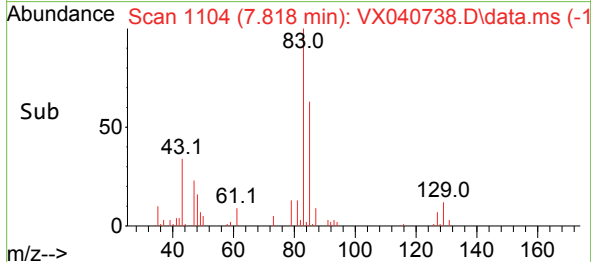
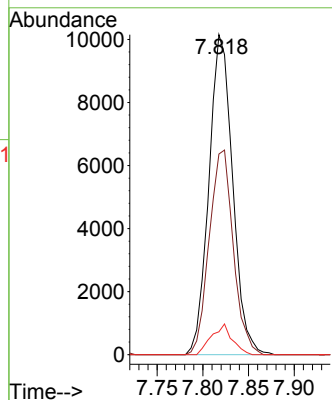
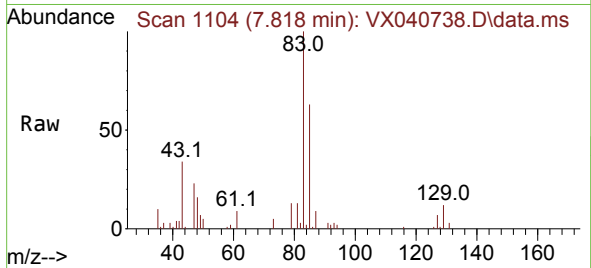




#47  
Bromodichloromethane  
Concen: 20.171 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

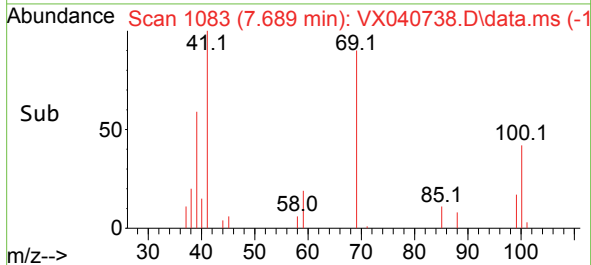
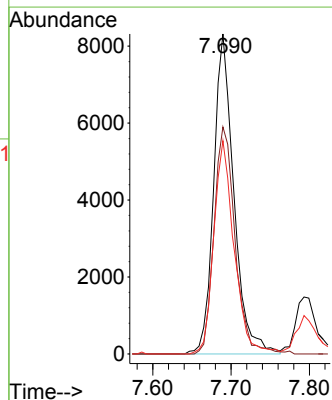
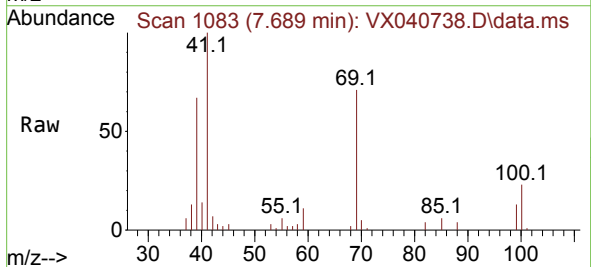
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

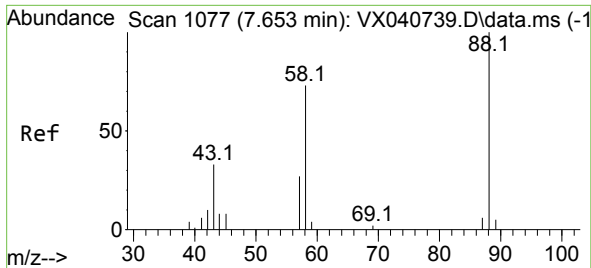
Tgt Ion: 83 Resp: 18332  
Ion Ratio Lower Upper  
83 100  
85 62.7 49.8 74.6  
127 7.1 7.1 10.7



#48  
Methyl methacrylate  
Concen: 21.114 ug/l  
RT: 7.689 min Scan# 1083  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 41 Resp: 14917  
Ion Ratio Lower Upper  
41 100  
69 73.9 59.2 88.8  
39 67.2 47.7 71.5

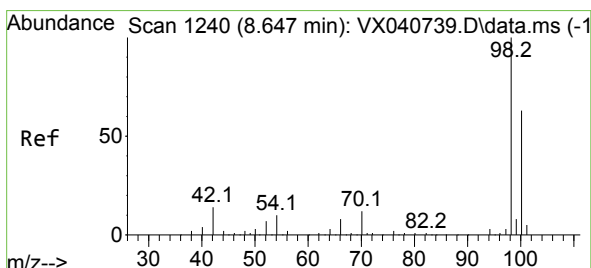
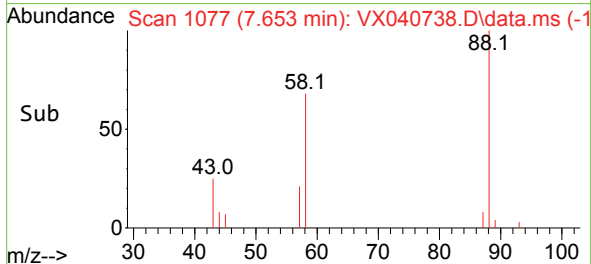
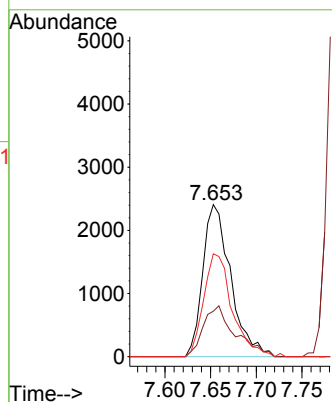
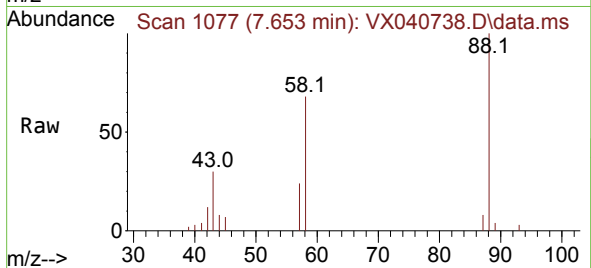




#49  
1,4-Dioxane  
Concen: 429.326 ug/l  
RT: 7.653 min Scan# 1077  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

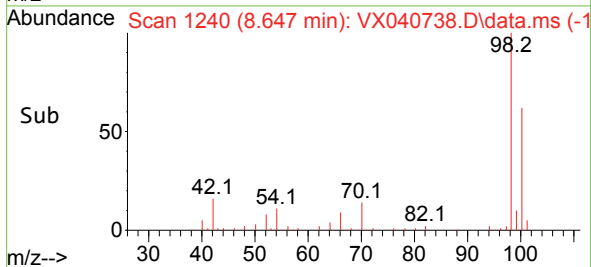
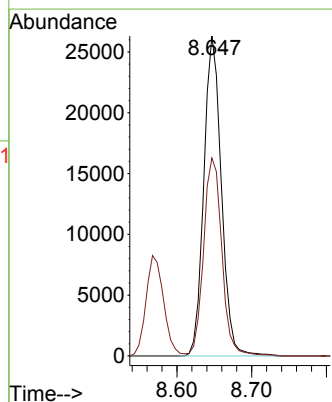
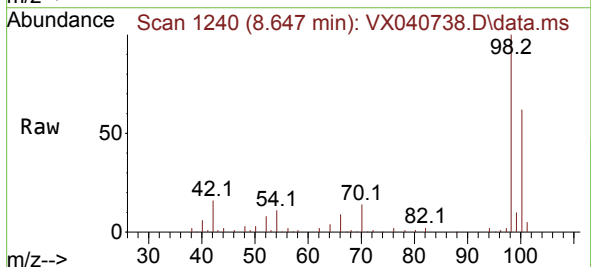
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

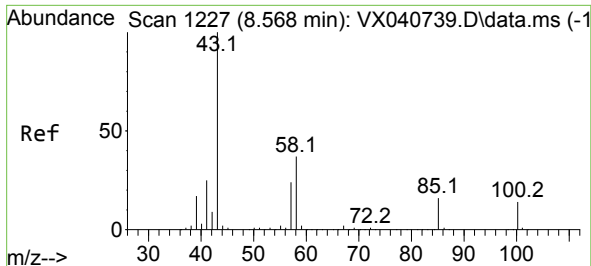
Tgt Ion: 88 Resp: 5119  
Ion Ratio Lower Upper  
88 100  
43 38.1 0.0 0.0#  
58 69.2 60.1 90.1



#50  
Toluene-d8  
Concen: 21.257 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 98 Resp: 42852  
Ion Ratio Lower Upper  
98 100  
100 64.4 53.1 79.7

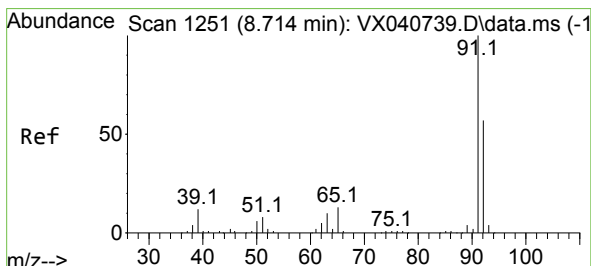
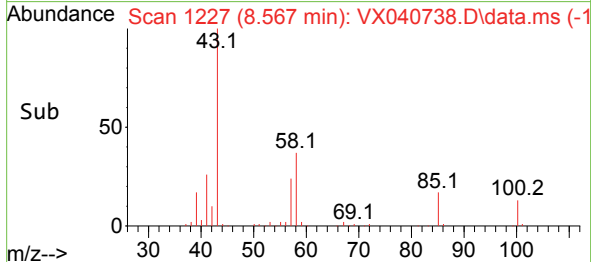
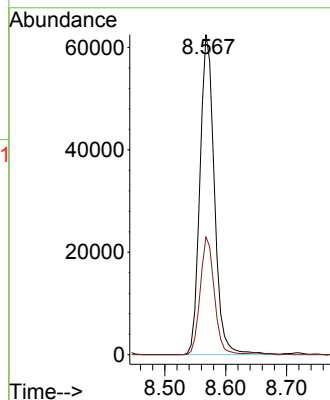
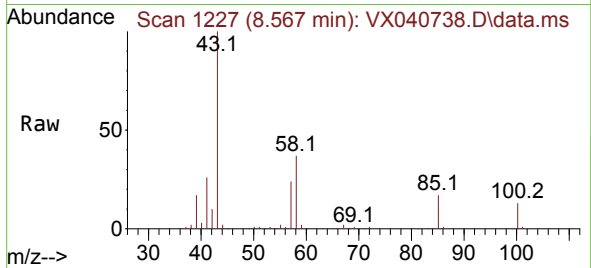




#51  
4-Methyl-2-Pentanone  
Concen: 107.790 ug/l  
RT: 8.567 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

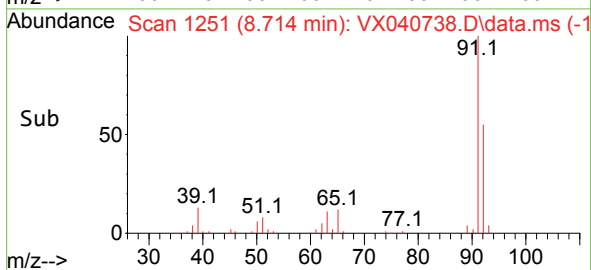
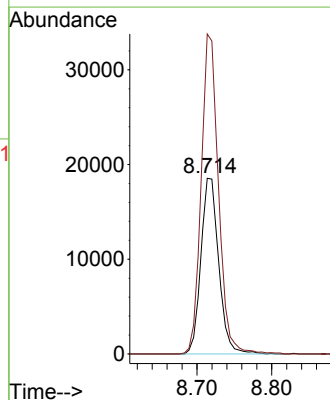
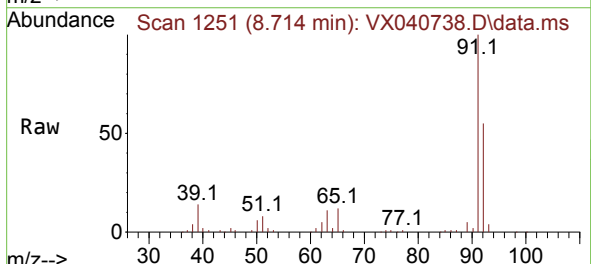
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

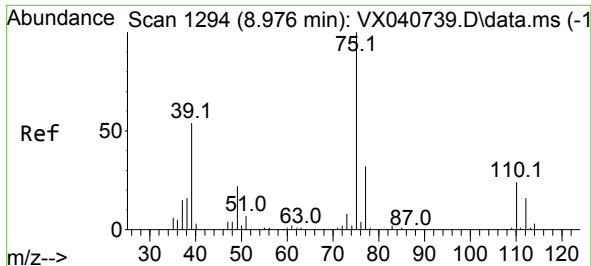
Tgt Ion: 43 Resp: 103327  
Ion Ratio Lower Upper  
43 100  
58 35.9 30.4 45.6



#52  
Toluene  
Concen: 21.494 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 92 Resp: 30685  
Ion Ratio Lower Upper  
92 100  
91 177.1 134.2 201.2

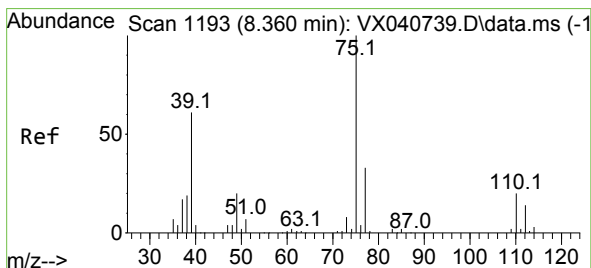
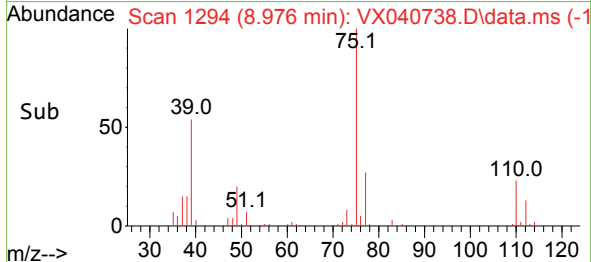
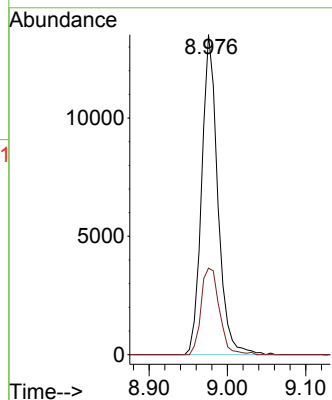
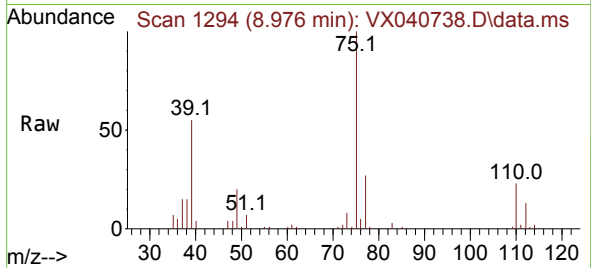




#53  
t-1,3-Dichloropropene  
Concen: 20.550 ug/l  
RT: 8.976 min Scan# 1194  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

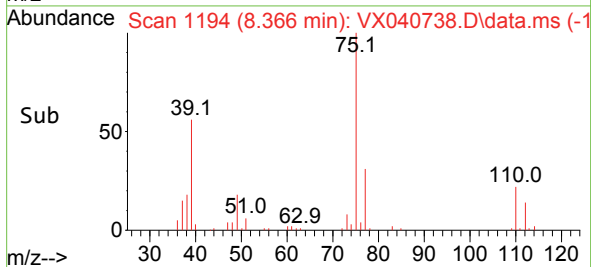
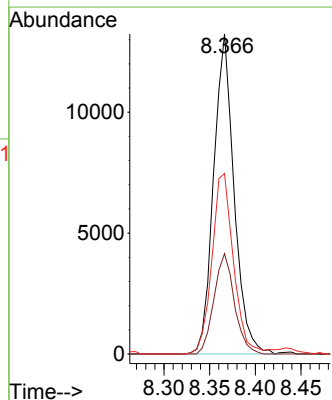
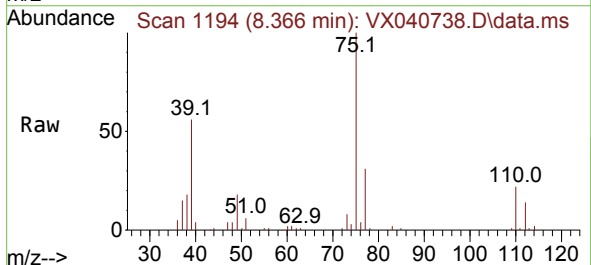
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

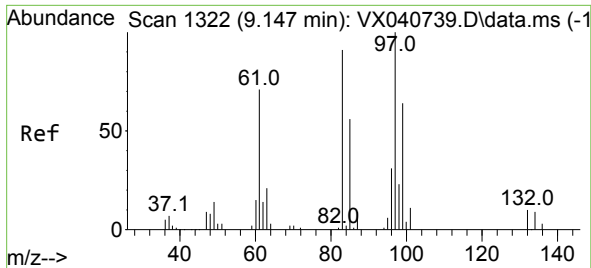
Tgt Ion: 75 Resp: 19321  
Ion Ratio Lower Upper  
75 100  
77 27.0 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 21.179 ug/l  
RT: 8.366 min Scan# 1194  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 75 Resp: 20593  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.3 37.9  
39 56.4 46.7 70.1

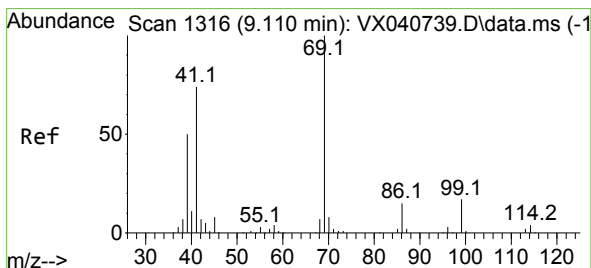
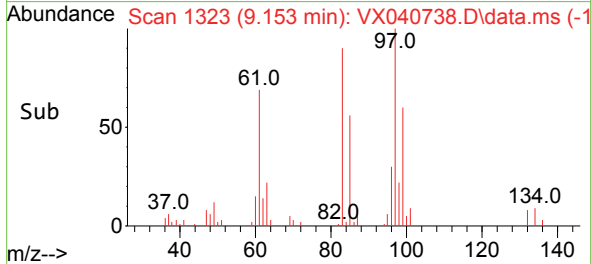
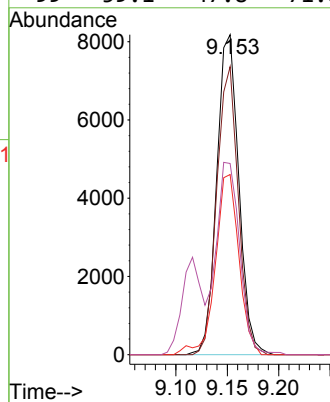
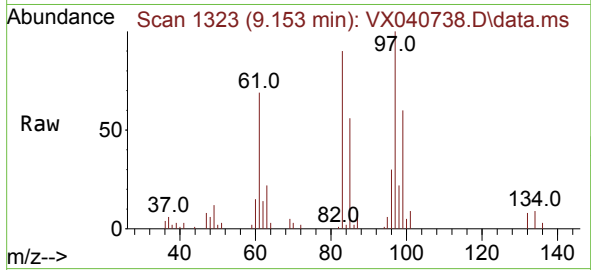




#55  
1,1,2-Trichloroethane  
Concen: 20.954 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

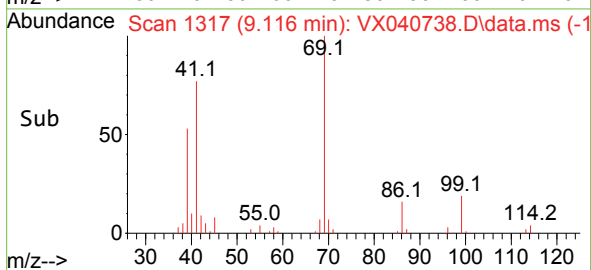
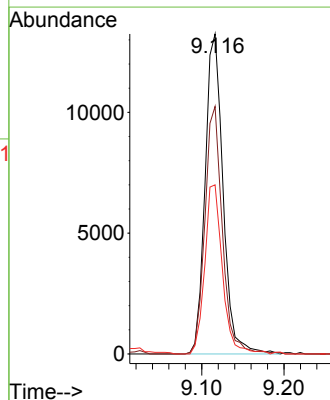
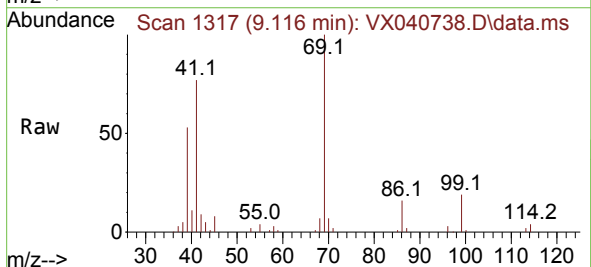
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 12182 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 90.0     | 65.8 98.8   |
| 85 56.3     | 41.6 62.4   |
| 99 59.1     | 47.8 71.8   |

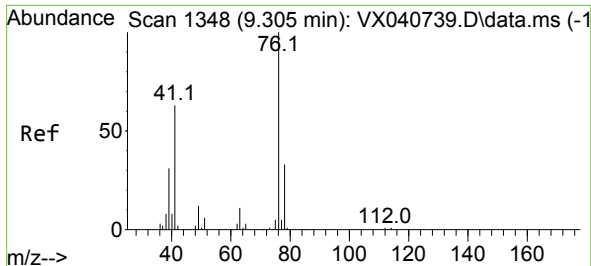


#56  
Ethyl methacrylate  
Concen: 20.648 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 20064 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 75.4     | 56.8 85.2   |
| 39 52.3     | 32.0 48.0#  |







#57

1,3-Dichloropropane

Concen: 20.890 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

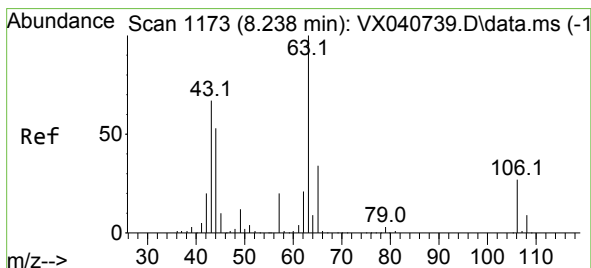
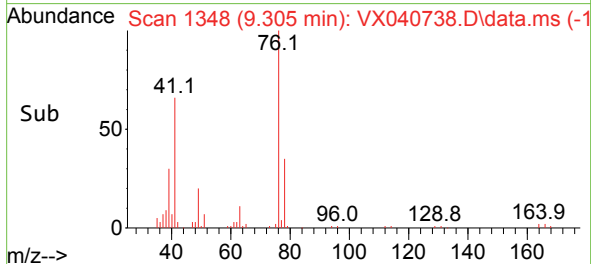
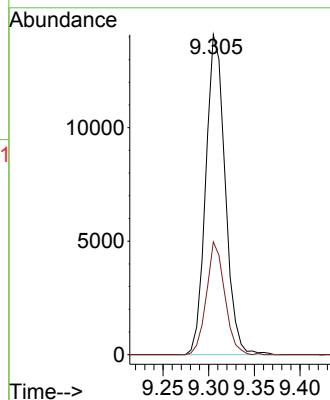
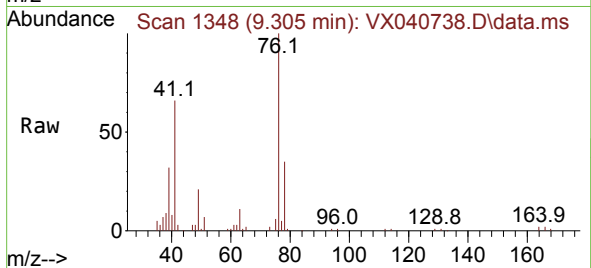
VSTDICC020

Tgt Ion: 76 Resp: 20724

Ion Ratio Lower Upper

76 100

78 33.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 99.455 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX040738.D

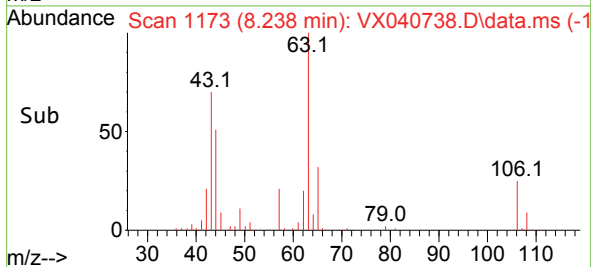
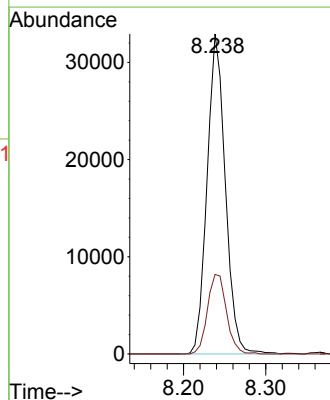
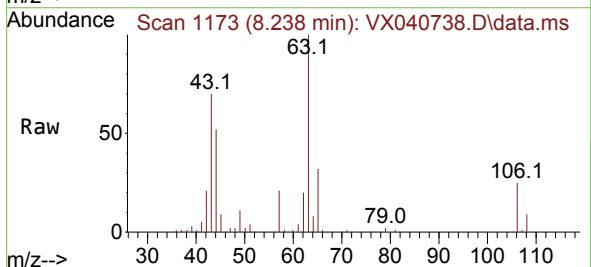
Acq: 21 Mar 2024 10:51

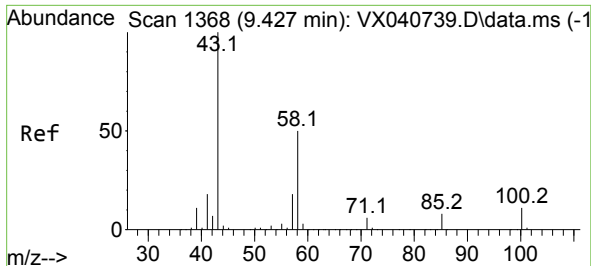
Tgt Ion: 63 Resp: 50721

Ion Ratio Lower Upper

63 100

106 25.9 22.5 33.7

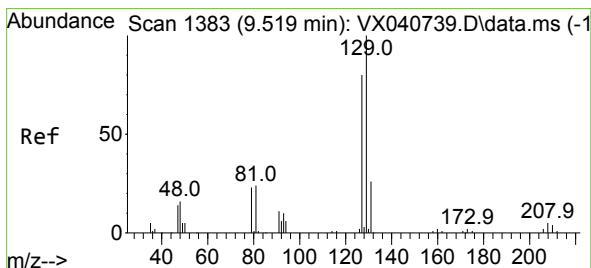
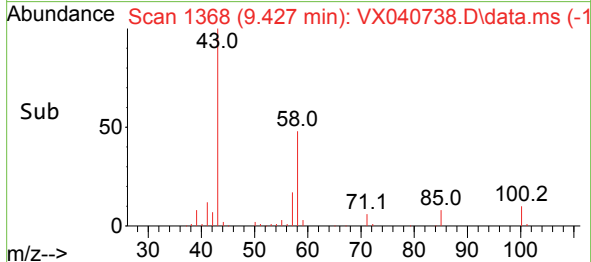
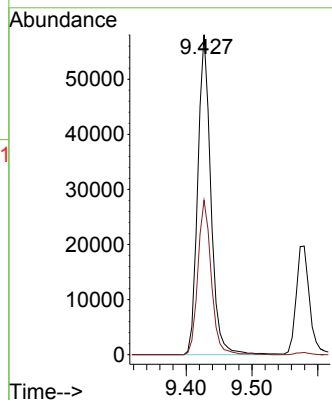
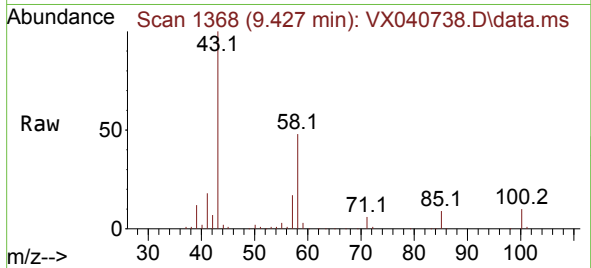




#59  
2-Hexanone  
Concen: 107.739 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

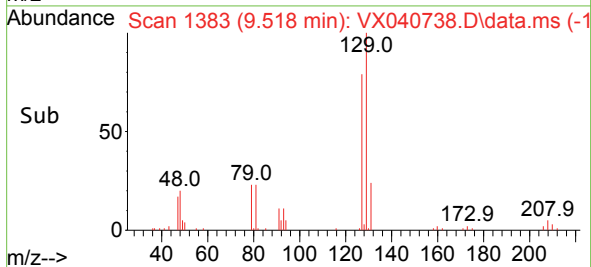
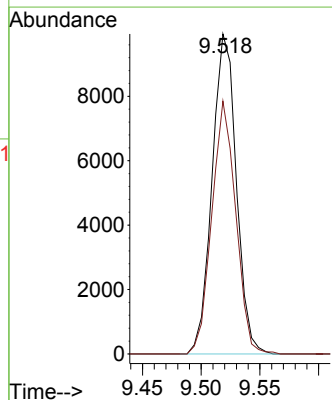
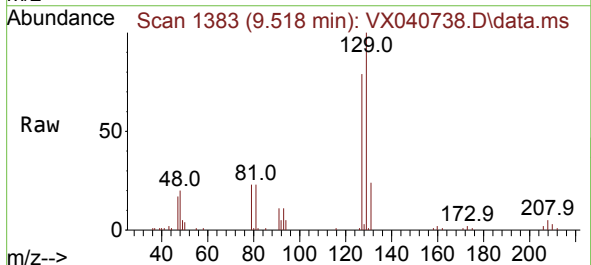
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

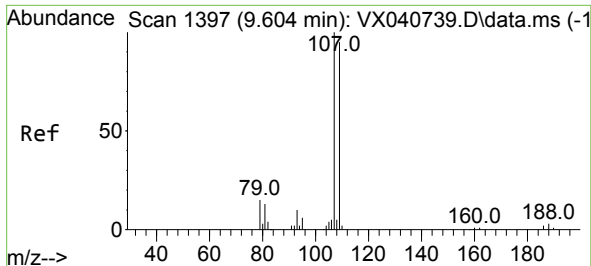
Tgt Ion: 43 Resp: 80005  
Ion Ratio Lower Upper  
43 100  
58 49.4 26.2 78.5



#60  
Dibromochloromethane  
Concen: 20.852 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 129 Resp: 14245  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.8 116.4

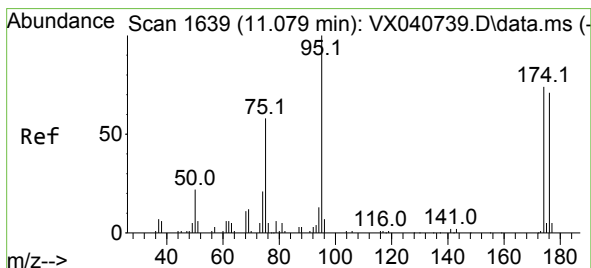
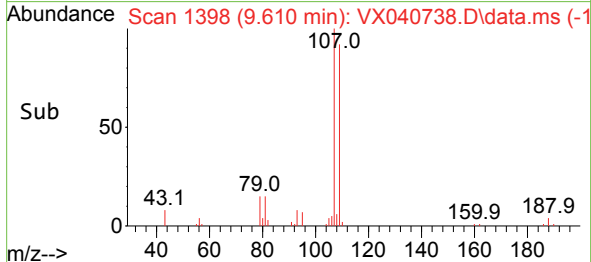
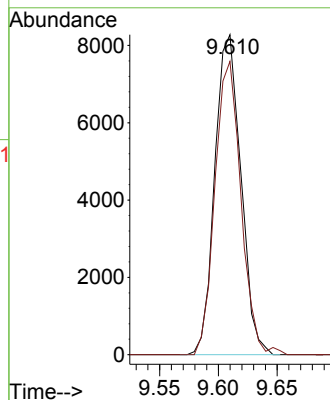
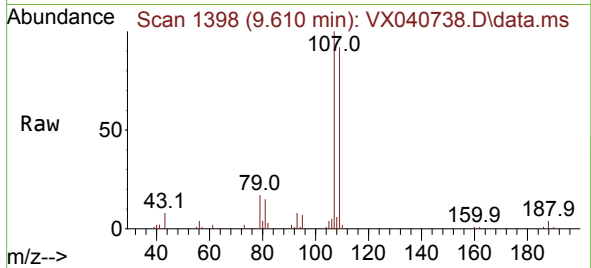




#61  
1,2-Dibromoethane  
Concen: 20.813 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

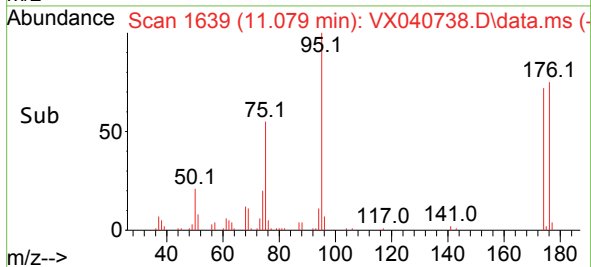
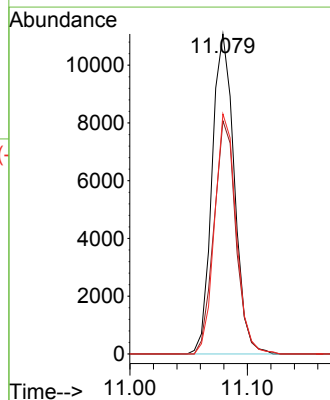
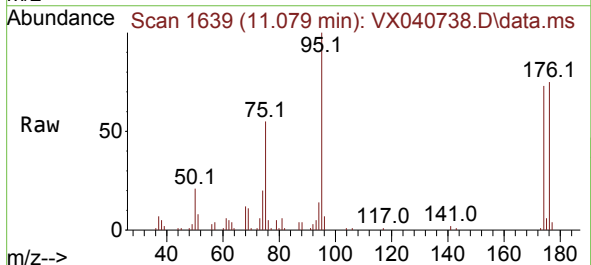
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

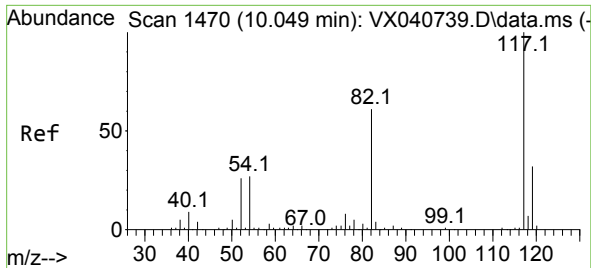
Tgt Ion:107 Resp: 12777  
Ion Ratio Lower Upper  
107 100  
109 91.6 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 18.300 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 95 Resp: 14575  
Ion Ratio Lower Upper  
95 100  
174 72.1 0.0 135.6  
176 72.5 0.0 131.0

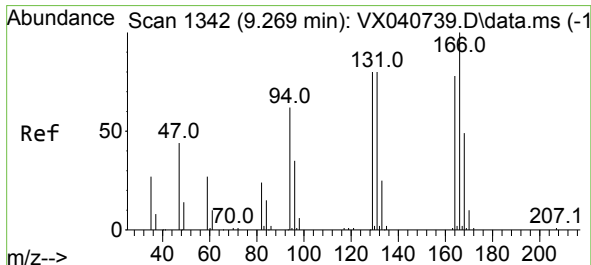
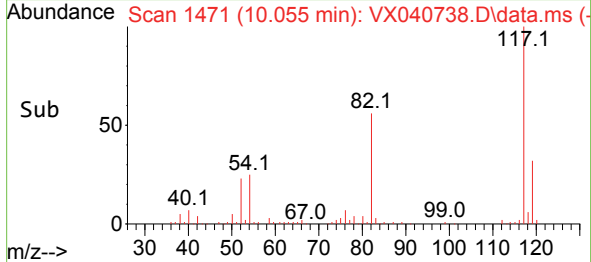
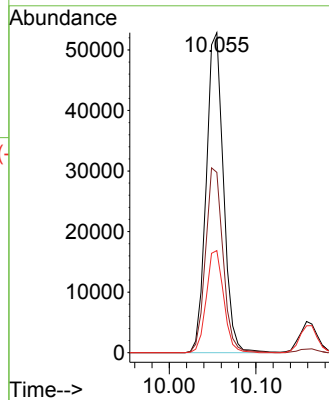
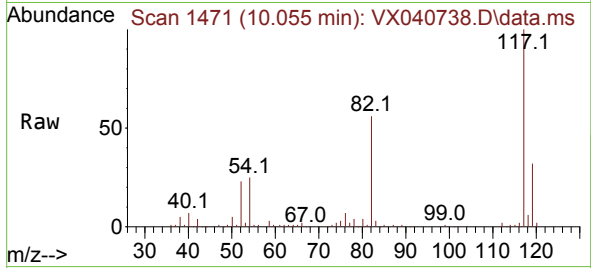




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

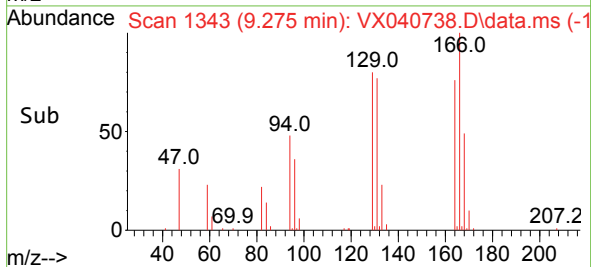
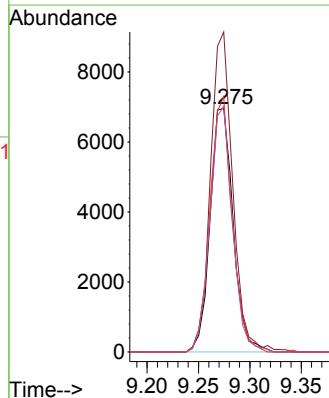
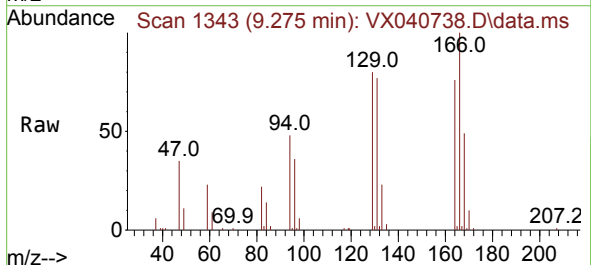
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

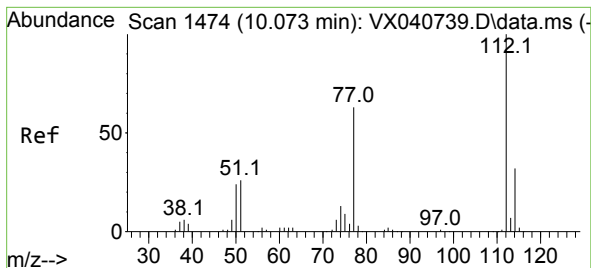
Tgt Ion:117 Resp: 72931  
Ion Ratio Lower Upper  
117 100  
82 56.3 46.2 69.4  
119 31.9 25.5 38.3



#64  
Tetrachloroethene  
Concen: 19.967 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion:164 Resp: 10847  
Ion Ratio Lower Upper  
164 100  
166 131.5 102.7 154.1  
129 104.9 80.4 120.6  
131 101.1 76.5 114.7

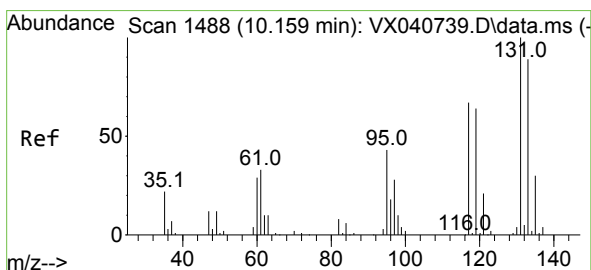
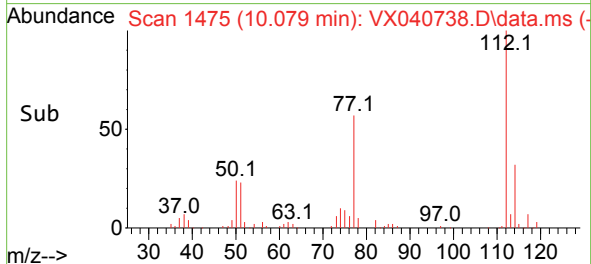
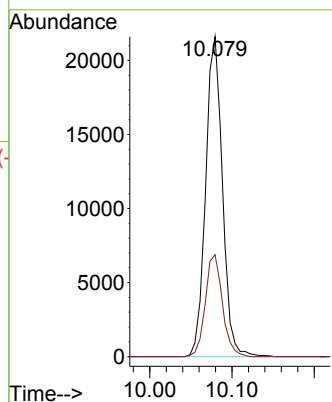
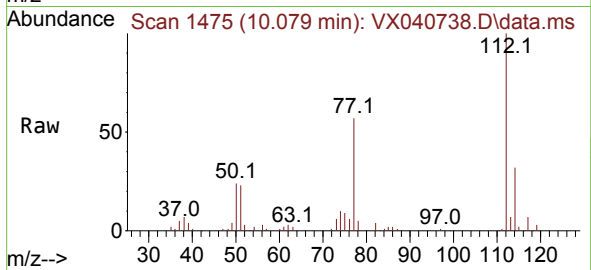




#65  
Chlorobenzene  
Concen: 18.511 ug/l  
RT: 10.079 min Scan# 1474  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

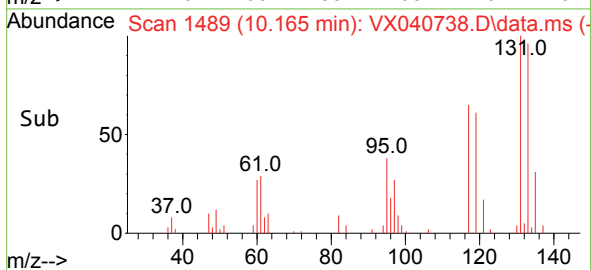
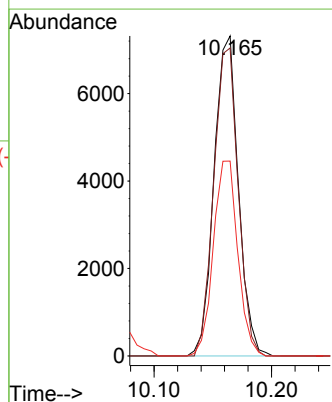
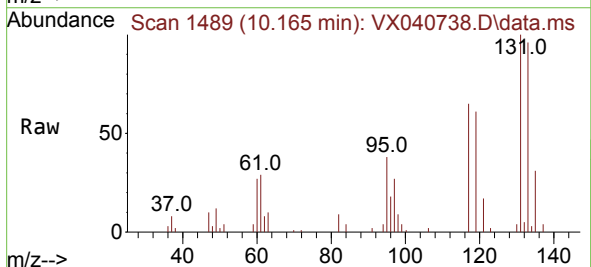
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

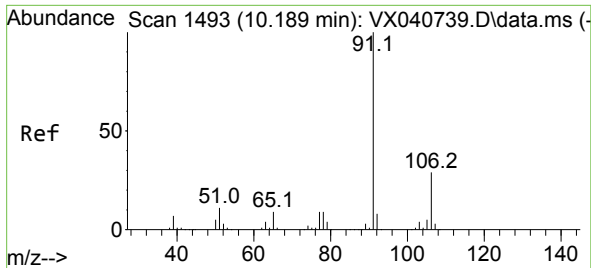
Tgt Ion:112 Resp: 30620  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.702 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.006 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion:131 Resp: 10527  
Ion Ratio Lower Upper  
131 100  
133 96.7 47.1 141.4  
119 61.3 32.2 96.6

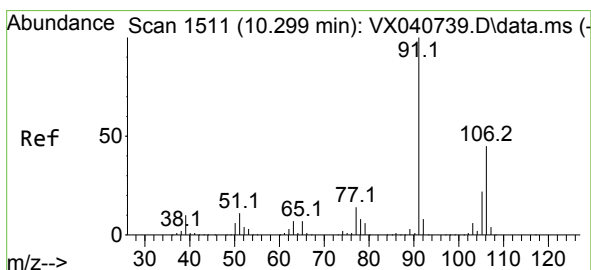
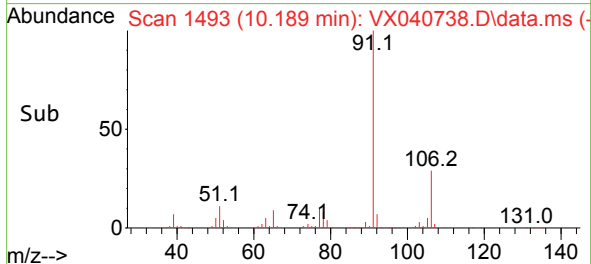
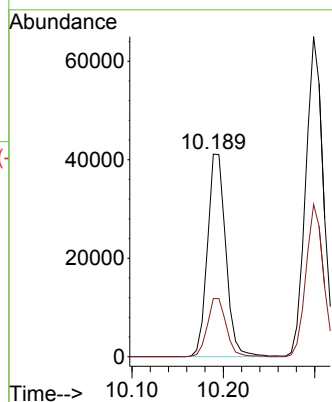
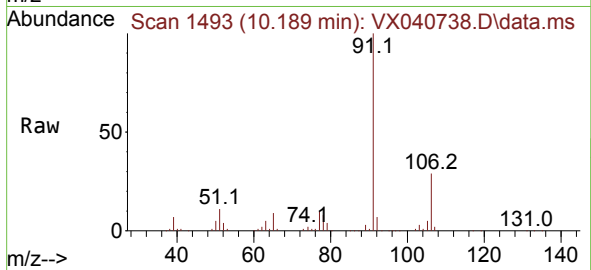




#67  
Ethyl Benzene  
Concen: 19.330 ug/l  
RT: 10.189 min Scan# 1493  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

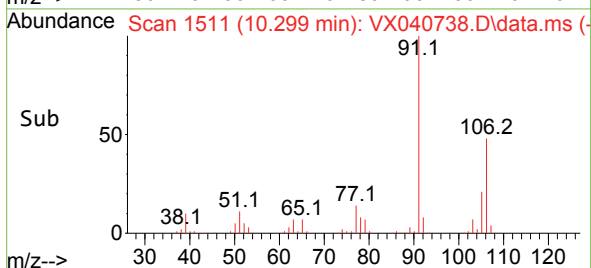
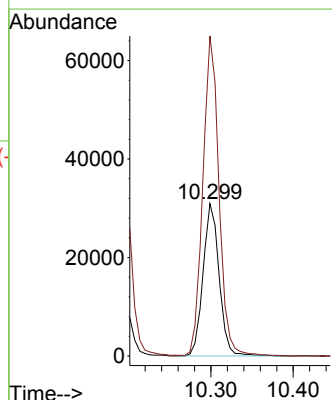
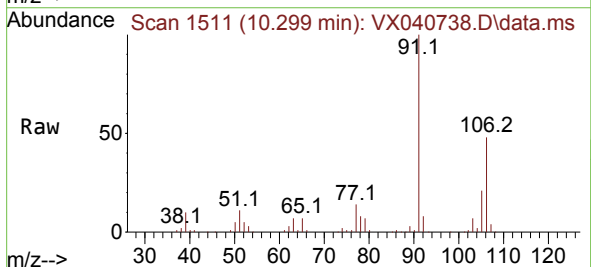
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

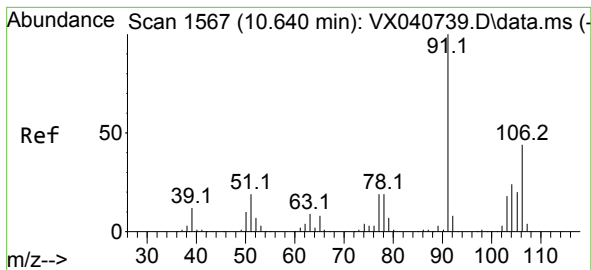
Tgt Ion: 91 Resp: 57263  
Ion Ratio Lower Upper  
91 100  
106 28.6 24.9 37.3



#68  
m/p-Xylenes  
Concen: 38.725 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 106 Resp: 42001  
Ion Ratio Lower Upper  
106 100  
91 211.0 165.5 248.3

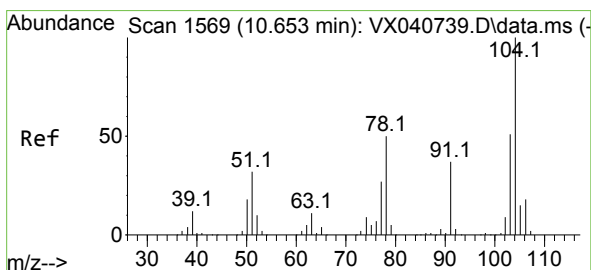
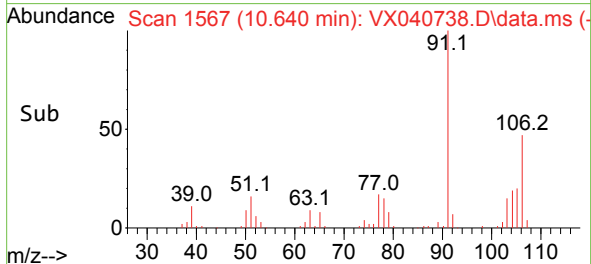
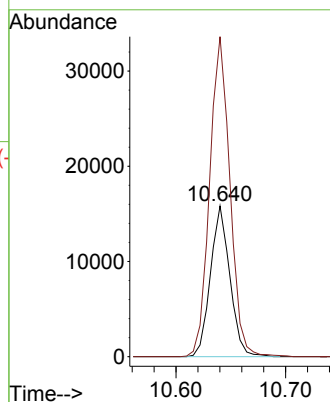
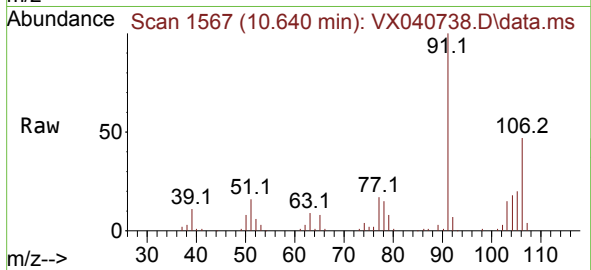




#69  
o-Xylene  
Concen: 18.728 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

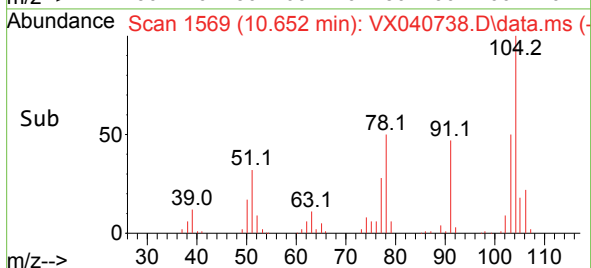
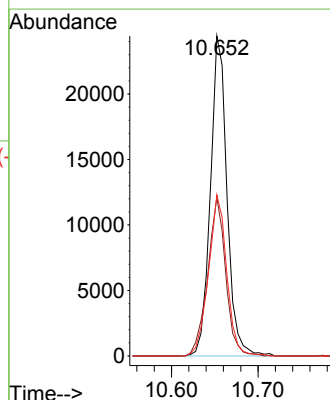
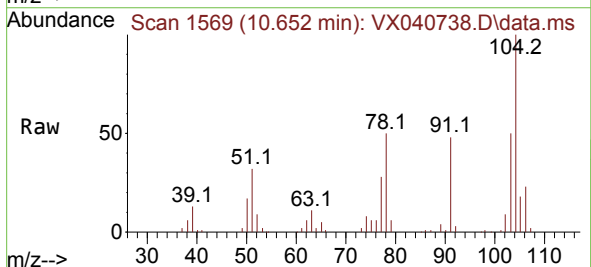
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

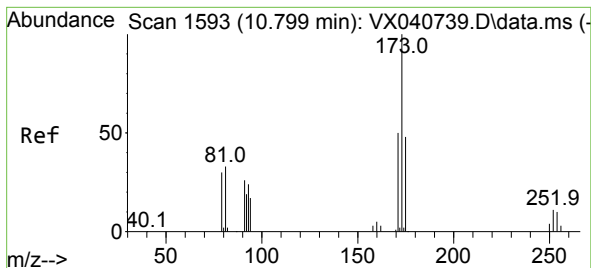
Tgt Ion:106 Resp: 19513  
Ion Ratio Lower Upper  
106 100  
91 221.8 108.9 326.8



#70  
Styrene  
Concen: 18.661 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion:104 Resp: 32549  
Ion Ratio Lower Upper  
104 100  
78 53.9 43.6 65.4  
103 55.3 43.6 65.4





#71

Bromoform

Concen: 18.060 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

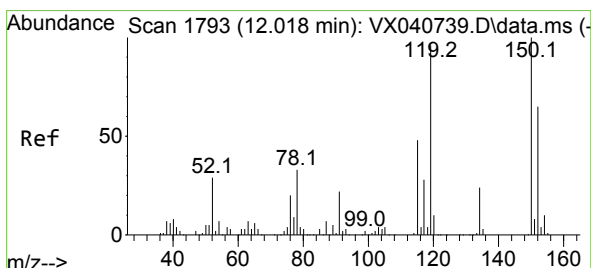
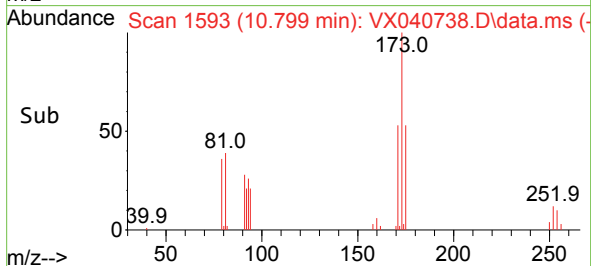
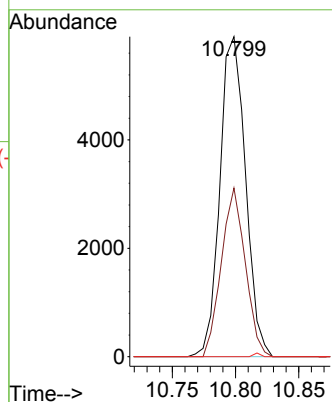
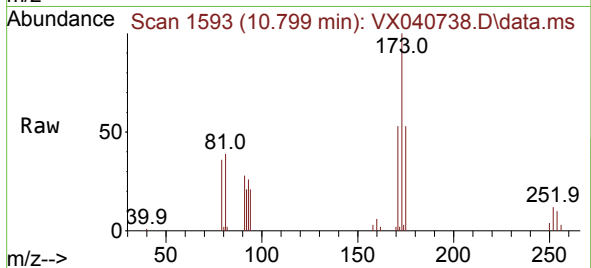
Tgt Ion:173 Resp: 8303

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.4

254 0.3 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: VX040738.D

Acq: 21 Mar 2024 10:51

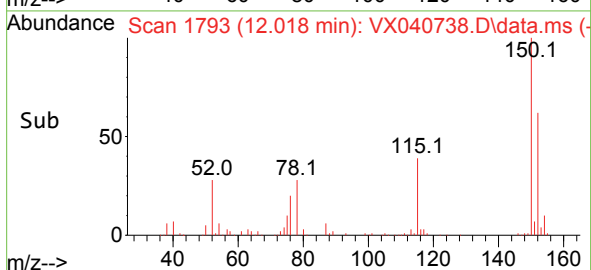
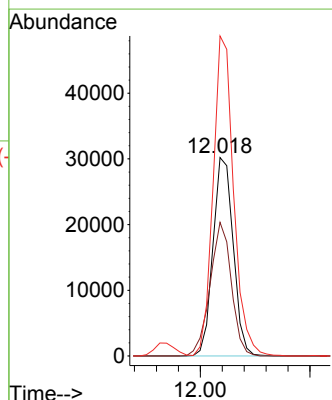
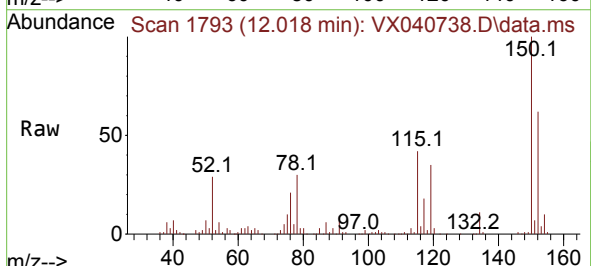
Tgt Ion:152 Resp: 38713

Ion Ratio Lower Upper

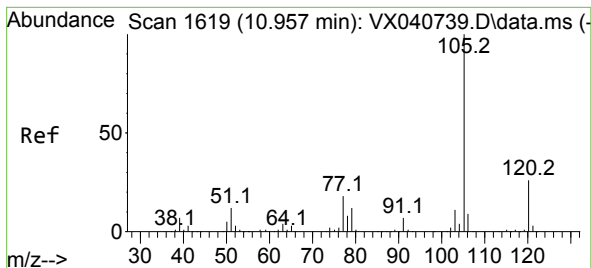
152 100

115 70.7 43.3 129.9

150 163.6 0.0 345.0







#73

Isopropylbenzene

Concen: 17.703 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

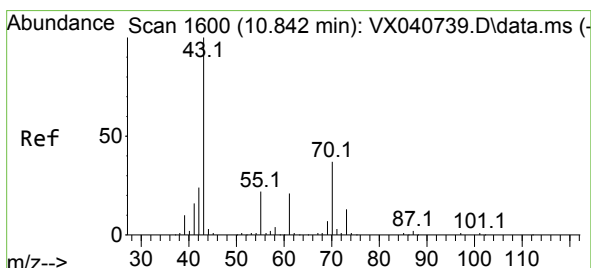
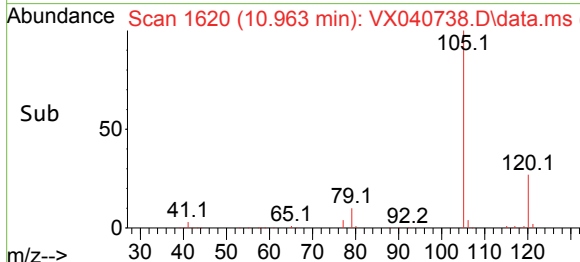
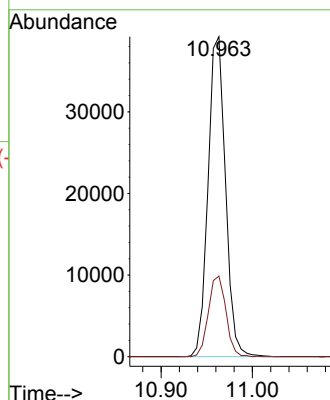
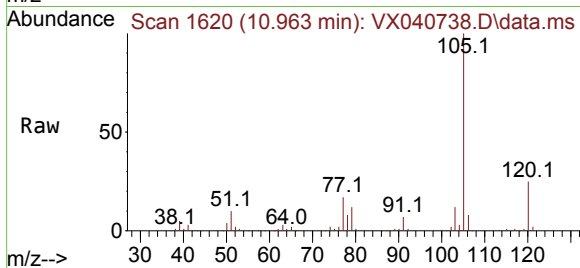
VSTDICC020

Tgt Ion:105 Resp: 52000

Ion Ratio Lower Upper

105 100

120 25.3 12.9 38.6



#74

N-ethyl acetate

Concen: 16.992 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Tgt Ion: 43 Resp: 24574

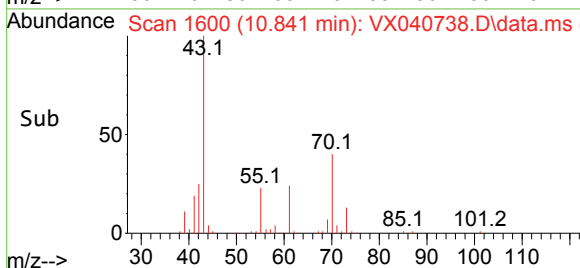
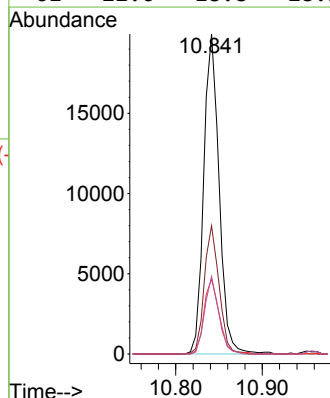
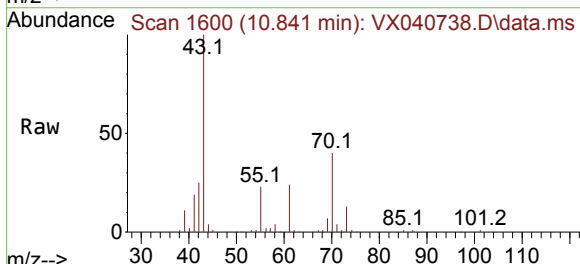
Ion Ratio Lower Upper

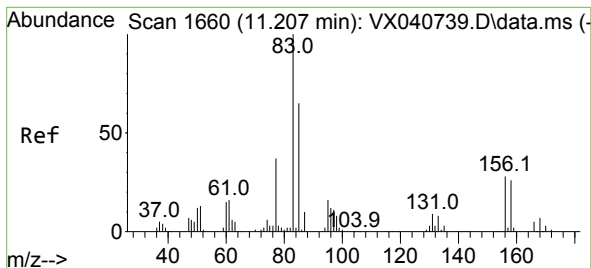
43 100

70 38.4 32.9 49.3

55 23.0 19.3 28.9

61 22.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.535 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

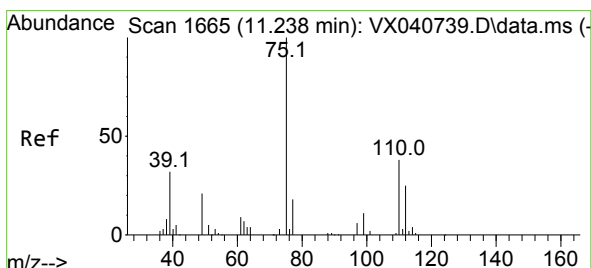
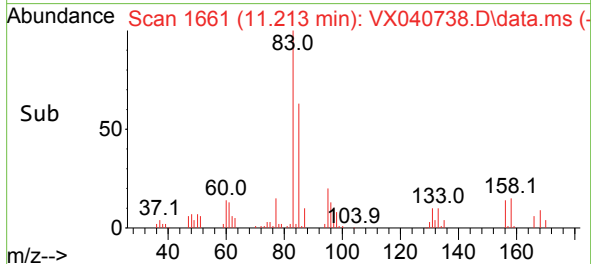
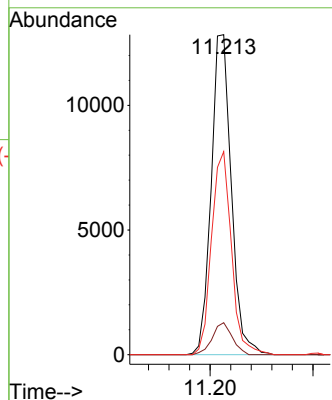
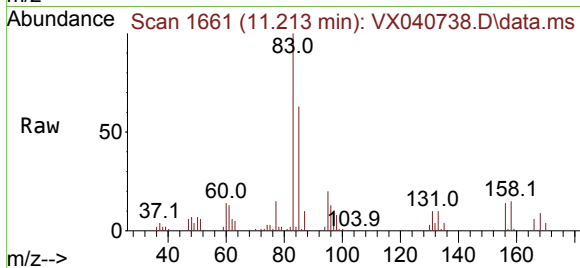
Tgt Ion: 83 Resp: 17437

Ion Ratio Lower Upper

83 100

131 9.9 5.3 15.8

85 62.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 22.513 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX040738.D

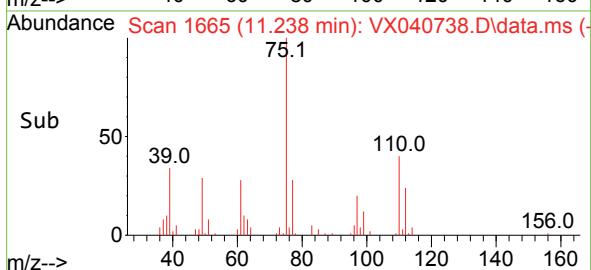
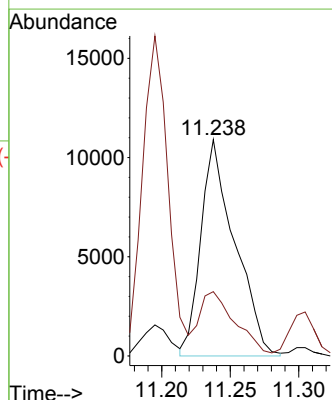
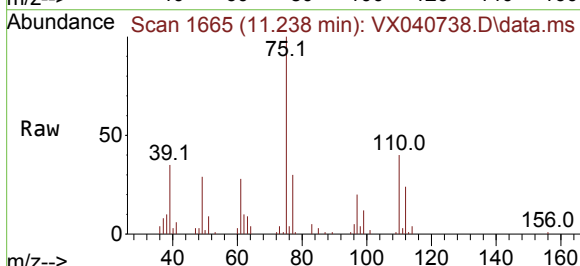
Acq: 21 Mar 2024 10:51

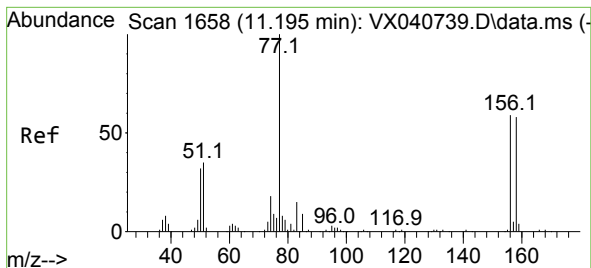
Tgt Ion: 75 Resp: 18809

Ion Ratio Lower Upper

75 100

77 31.8 19.1 57.5





#77

Bromobenzene

Concen: 17.512 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

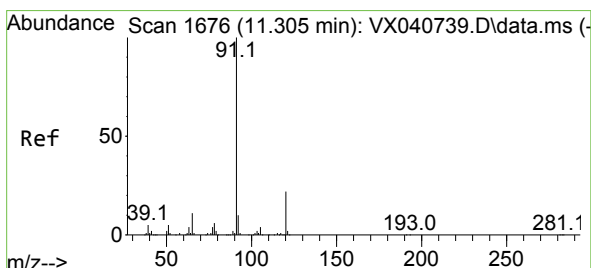
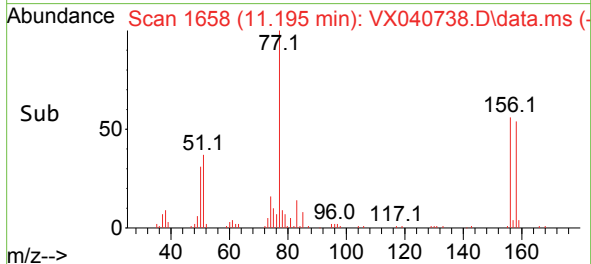
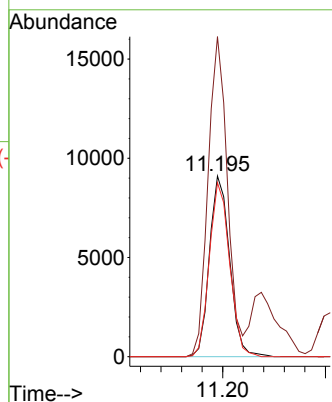
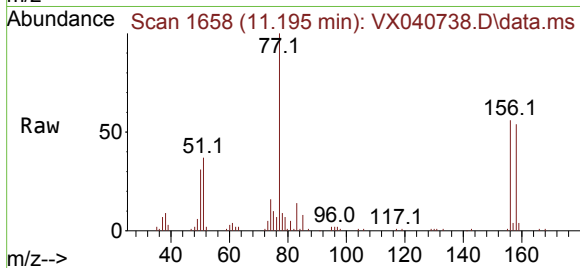
Tgt Ion:156 Resp: 12451

Ion Ratio Lower Upper

156 100

77 169.5 88.4 265.3

158 96.6 48.0 144.0



#78

n-propylbenzene

Concen: 17.433 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040738.D

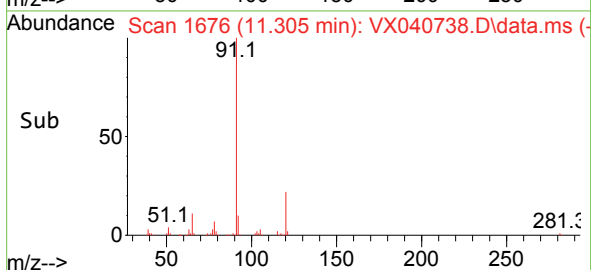
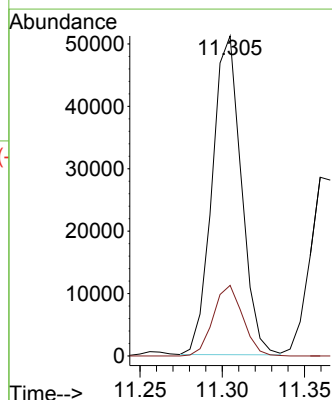
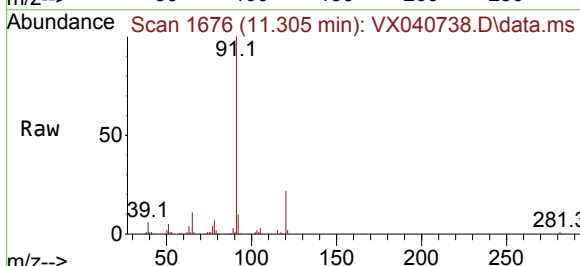
Acq: 21 Mar 2024 10:51

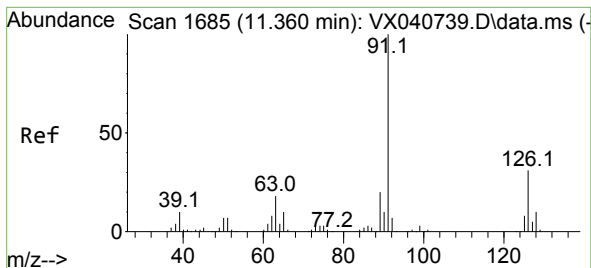
Tgt Ion: 91 Resp: 63140

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 17.874 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

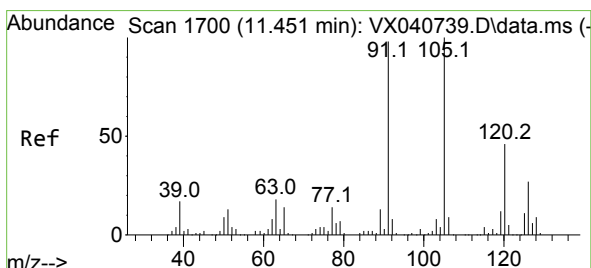
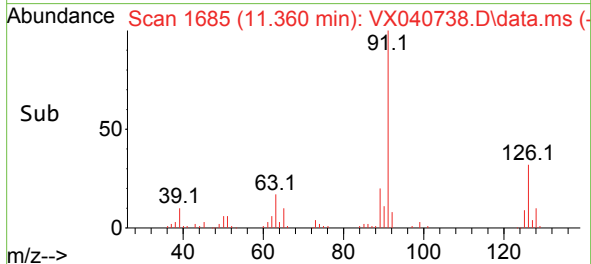
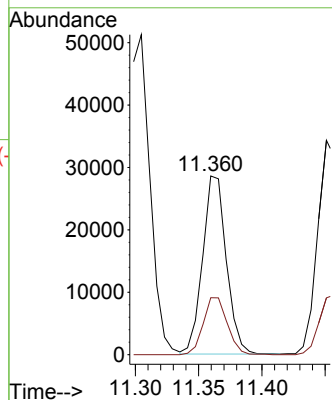
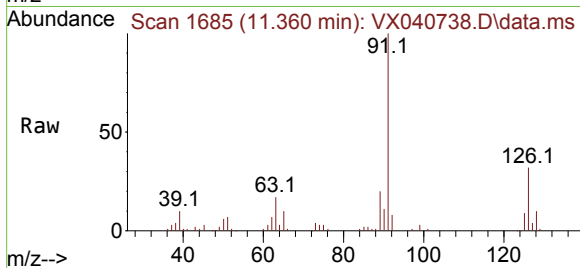
VSTDICC020

Tgt Ion: 91 Resp: 37355

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 18.135 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040738.D

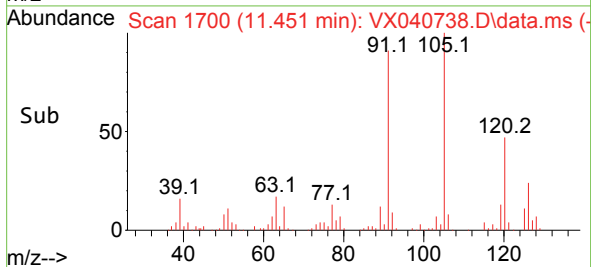
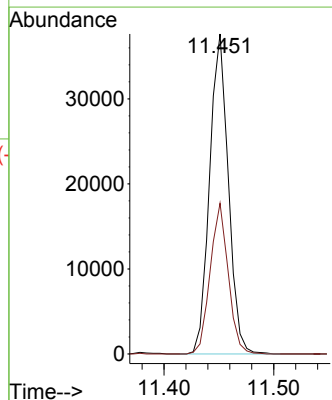
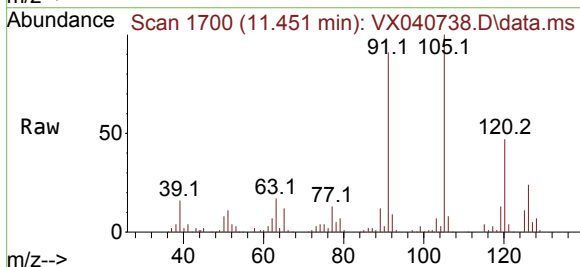
Acq: 21 Mar 2024 10:51

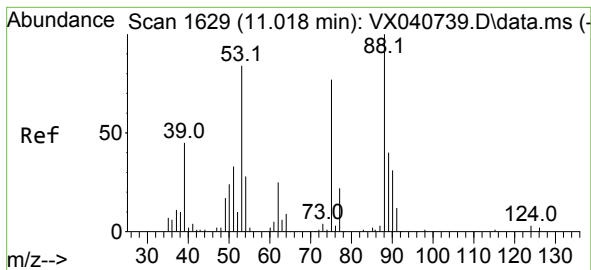
Tgt Ion: 105 Resp: 44658

Ion Ratio Lower Upper

105 100

120 45.4 24.1 72.3

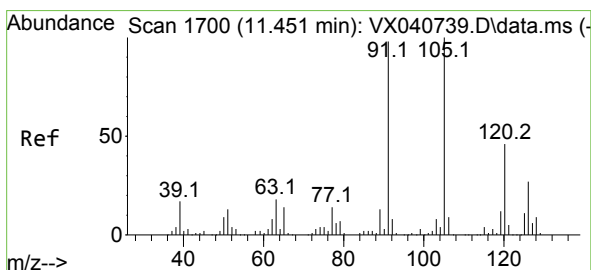
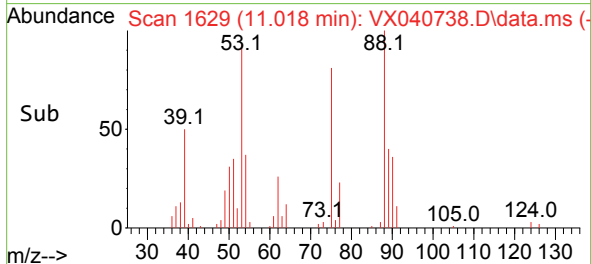
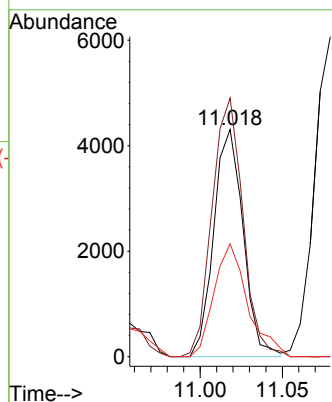
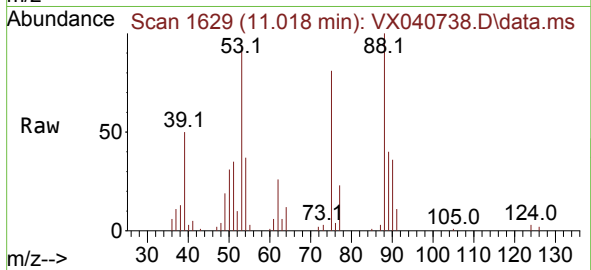




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.261 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

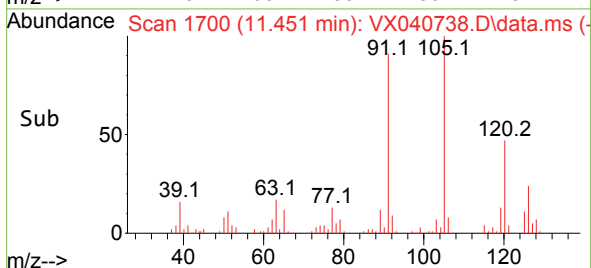
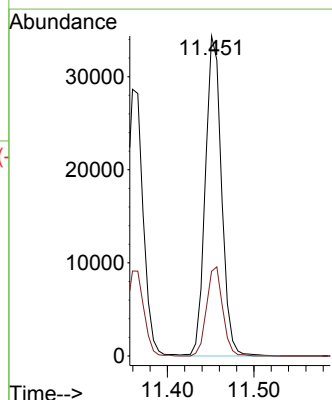
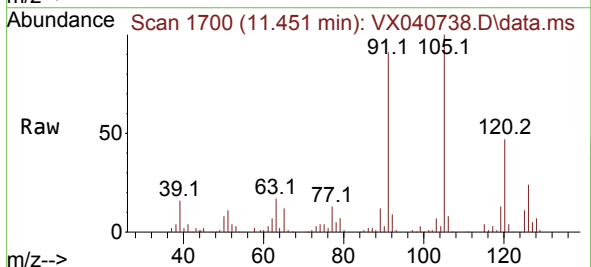
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

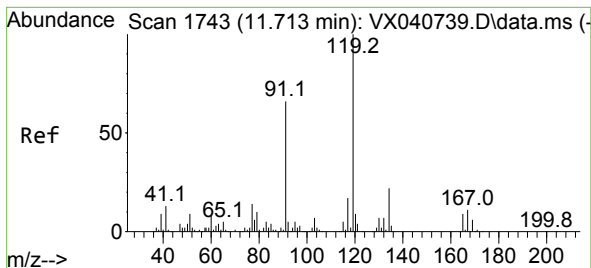
Tgt Ion: 75 Resp: 5352  
Ion Ratio Lower Upper  
75 100  
53 119.5 90.5 135.7  
89 56.9 36.9 55.3#



#82  
4-Chlorotoluene  
Concen: 17.020 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion: 91 Resp: 44613  
Ion Ratio Lower Upper  
91 100  
126 27.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.408 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

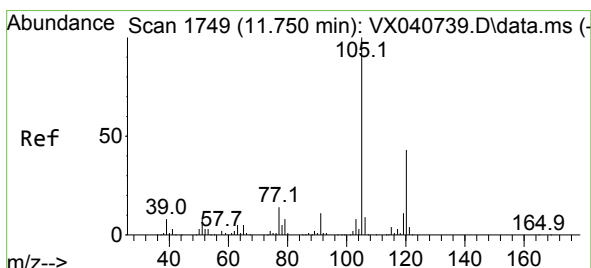
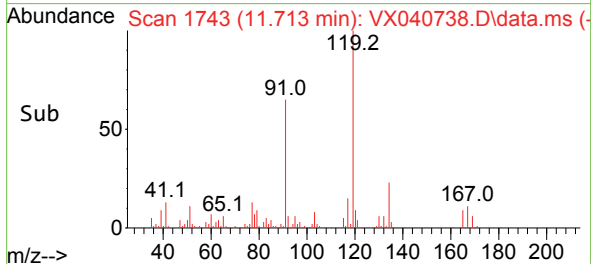
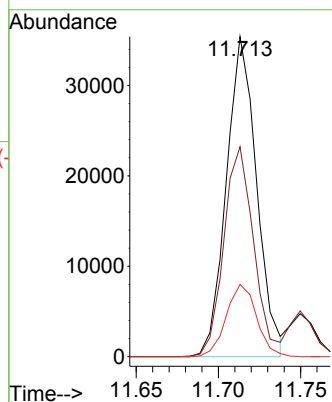
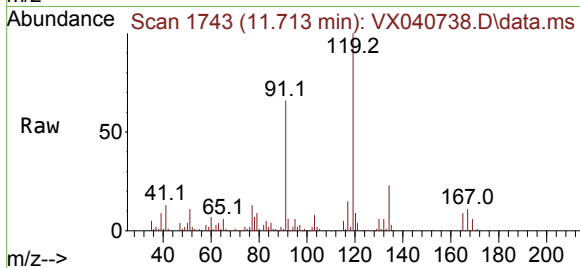
Tgt Ion:119 Resp: 45465

Ion Ratio Lower Upper

119 100

91 64.8 31.2 93.6

134 22.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 18.660 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040738.D

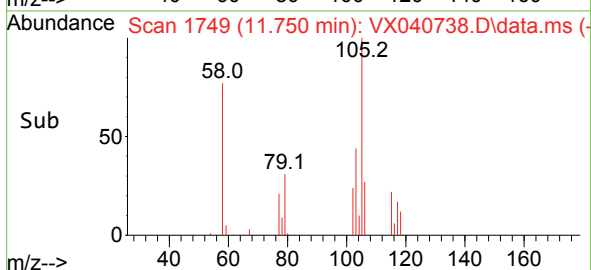
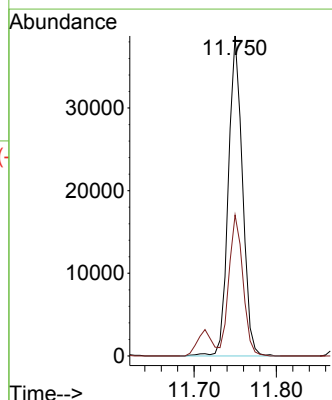
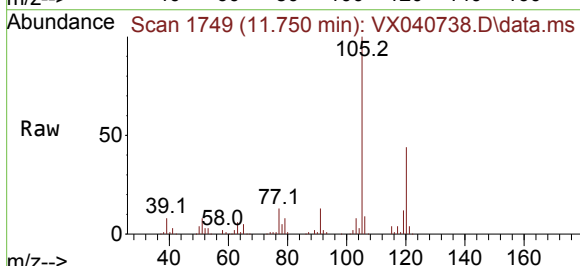
Acq: 21 Mar 2024 10:51

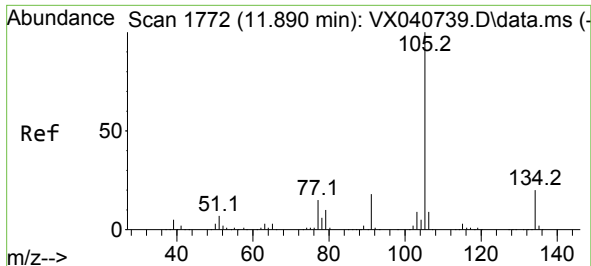
Tgt Ion:105 Resp: 46246

Ion Ratio Lower Upper

105 100

120 43.5 21.2 63.6

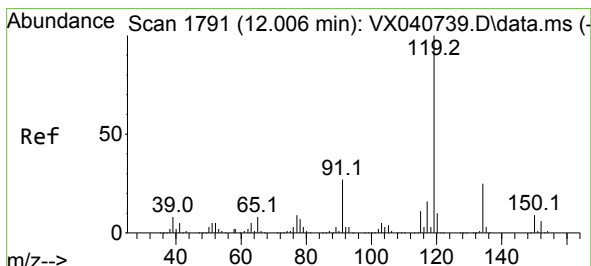
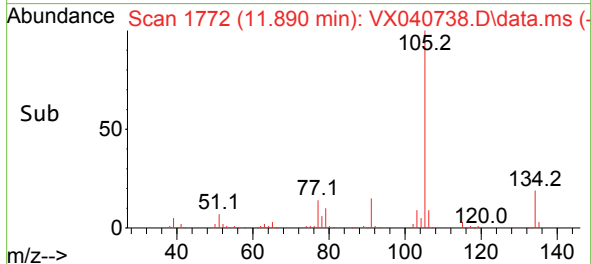
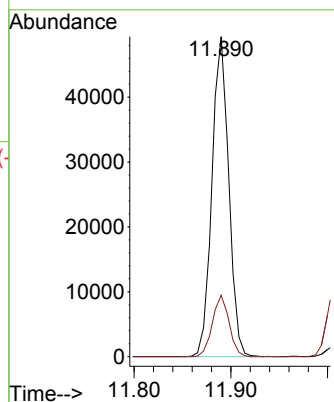
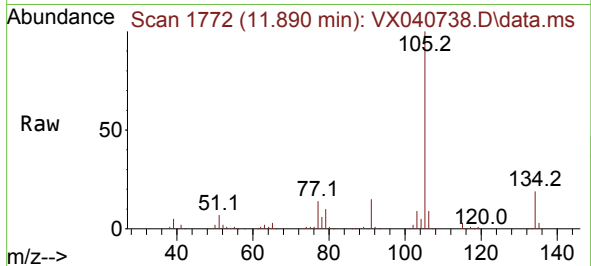




#85  
sec-Butylbenzene  
Concen: 18.918 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

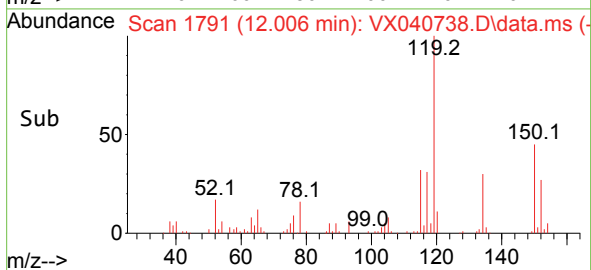
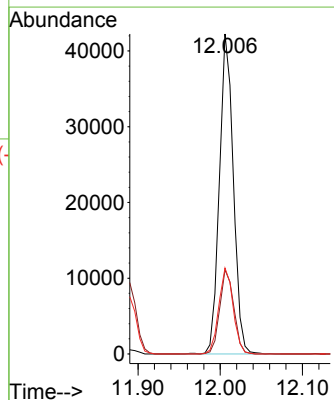
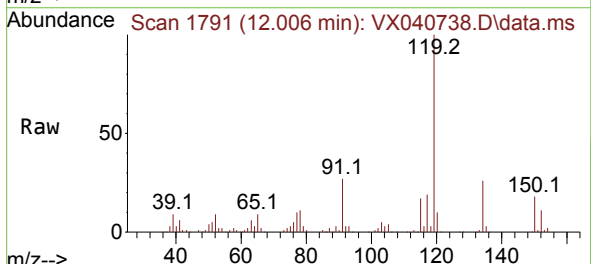
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

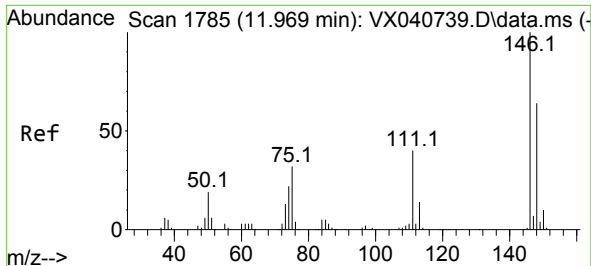
Tgt Ion:105 Resp: 59418  
Ion Ratio Lower Upper  
105 100  
134 19.1 9.8 29.4



#86  
p-Isopropyltoluene  
Concen: 19.107 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

Tgt Ion:119 Resp: 49761  
Ion Ratio Lower Upper  
119 100  
134 26.5 12.8 38.3  
91 27.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.795 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

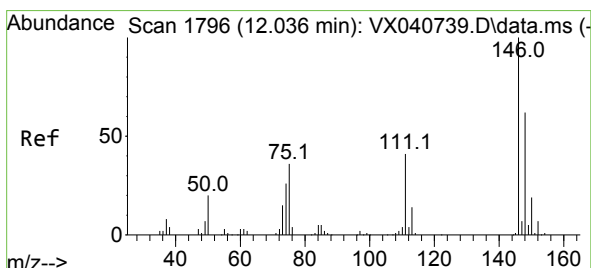
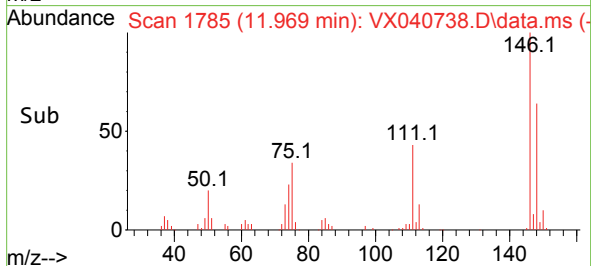
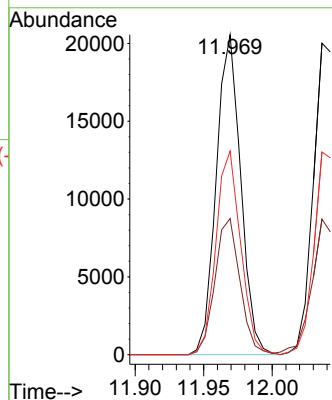
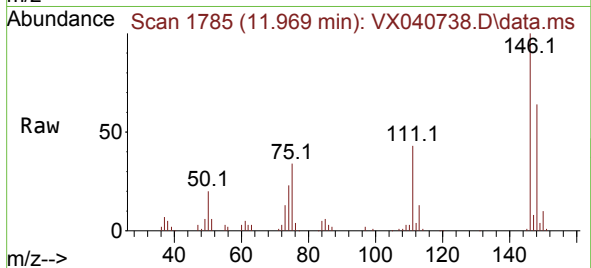
Tgt Ion:146 Resp: 25520

Ion Ratio Lower Upper

146 100

111 43.7 22.1 66.1

148 64.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 18.206 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

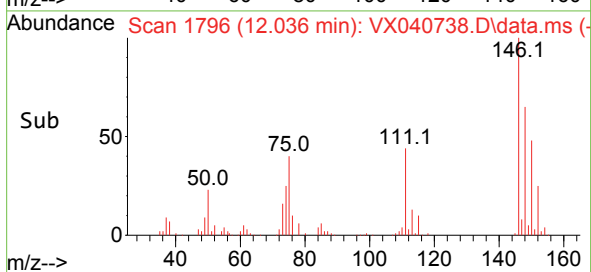
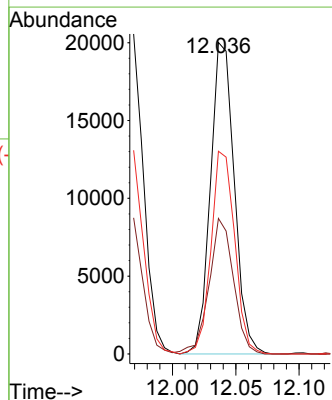
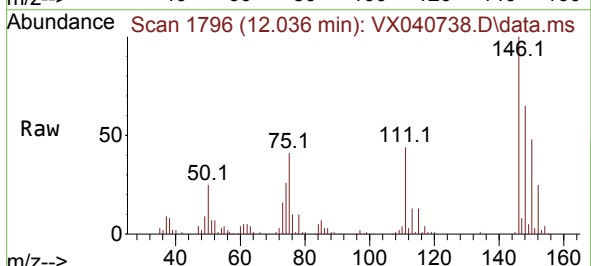
Tgt Ion:146 Resp: 26252

Ion Ratio Lower Upper

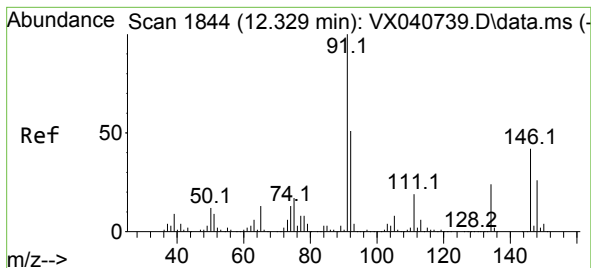
146 100

111 44.6 21.3 63.7

148 64.6 31.8 95.4



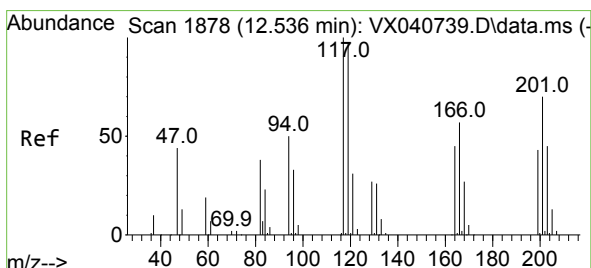
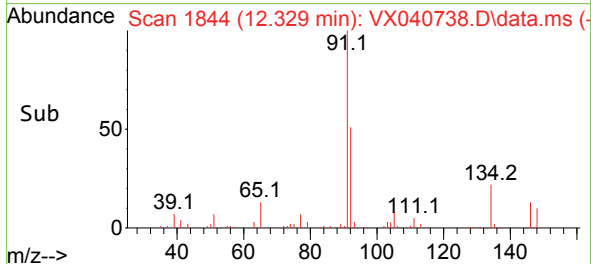
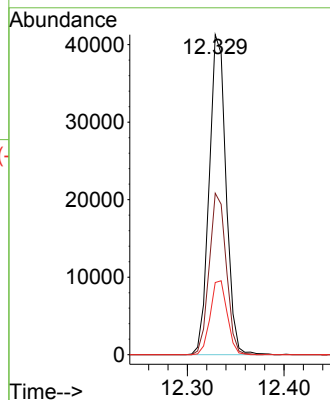
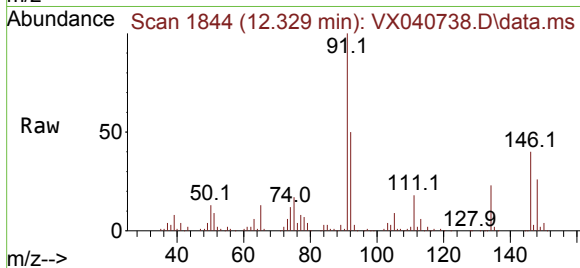




#89  
n-Butylbenzene  
Concen: 19.008 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

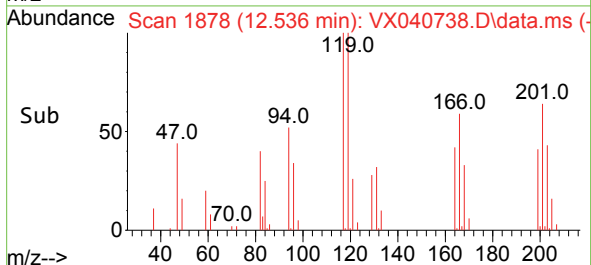
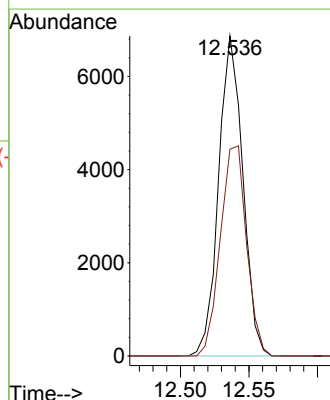
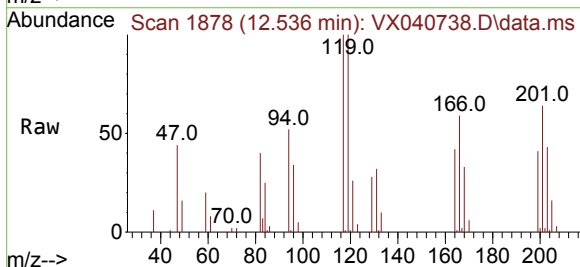
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

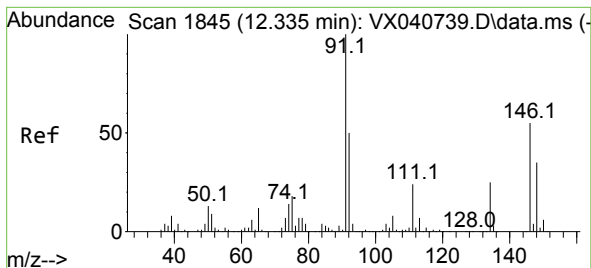
| Tgt Ion: | 91    | Resp: | 49921 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 51.1  | 27.4  | 82.0  |
| 134      | 23.3  | 12.6  | 37.8  |



#90  
Hexachloroethane  
Concen: 18.598 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VX040738.D  
Acq: 21 Mar 2024 10:51

| Tgt Ion: | 117   | Resp: | 8434  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 71.1  | 32.9  | 98.6  |





#91

1,2-Dichlorobenzene

Concen: 18.677 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

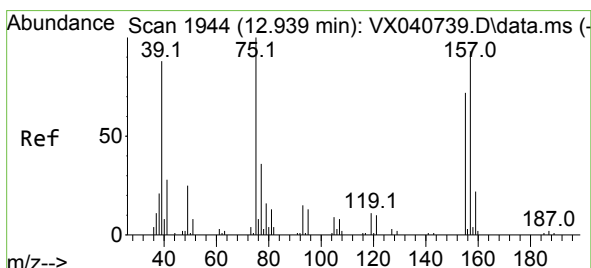
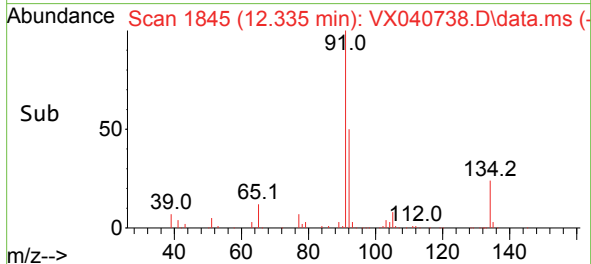
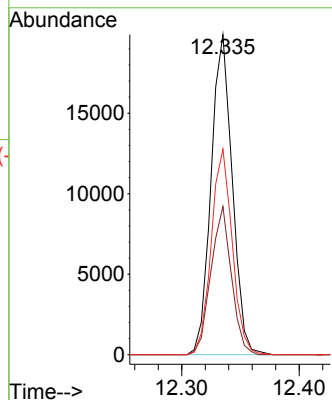
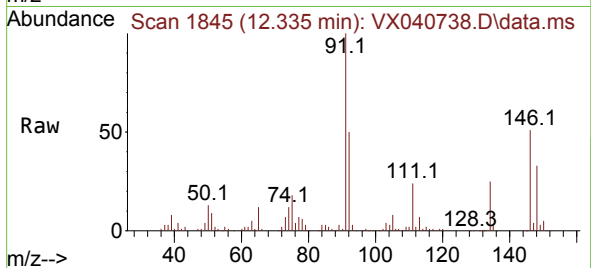
Tgt Ion:146 Resp: 24915

Ion Ratio Lower Upper

146 100

111 44.7 22.4 67.0

148 63.7 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.264 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

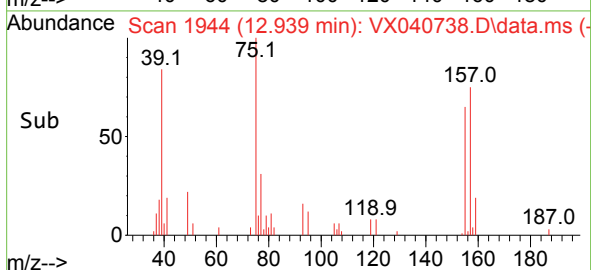
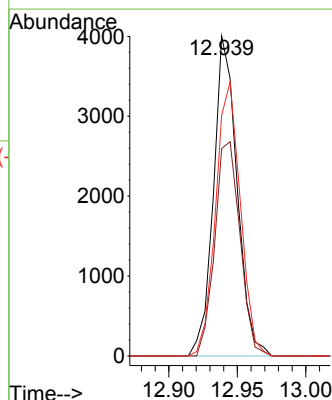
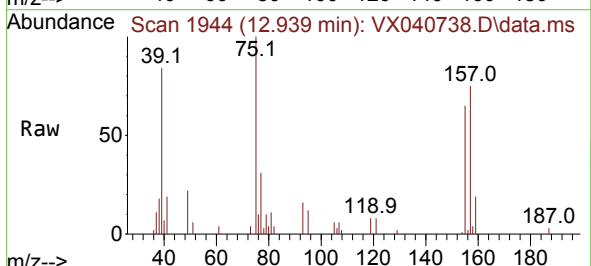
Tgt Ion: 75 Resp: 4783

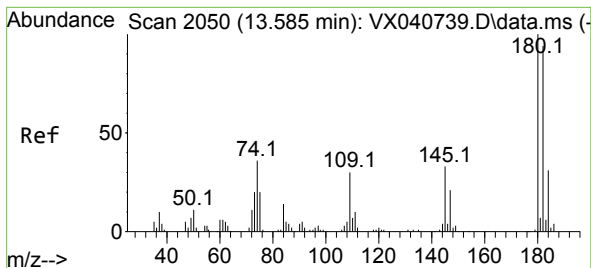
Ion Ratio Lower Upper

75 100

155 71.6 36.1 108.5

157 89.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.800 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

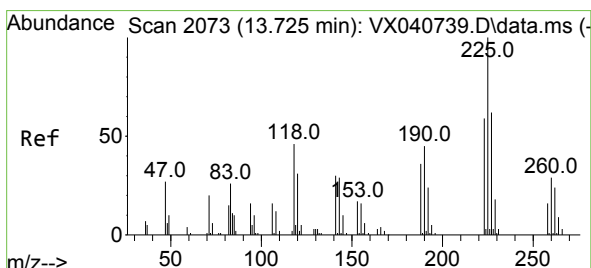
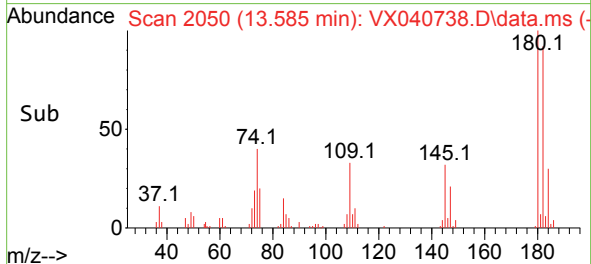
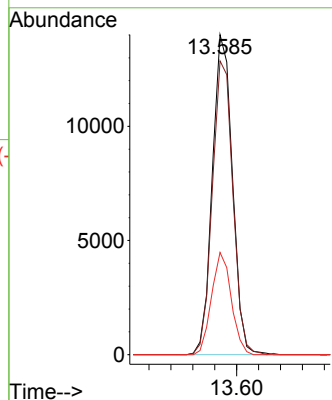
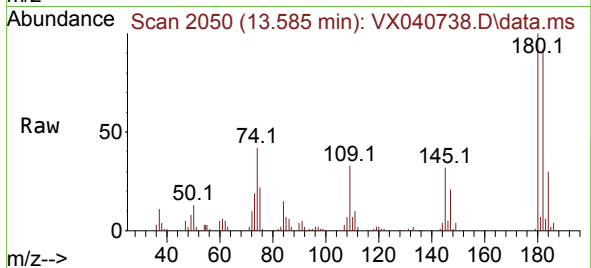
Tgt Ion:180 Resp: 17824

Ion Ratio Lower Upper

180 100

182 93.8 48.3 144.8

145 31.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 18.127 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

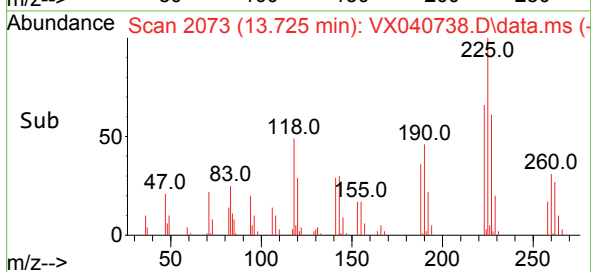
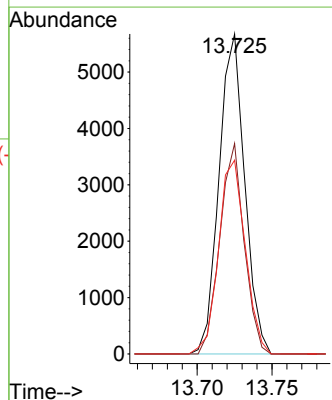
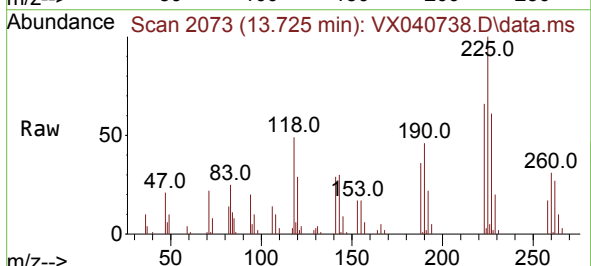
Tgt Ion:225 Resp: 6774

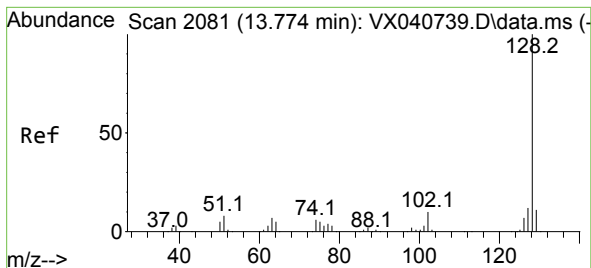
Ion Ratio Lower Upper

225 100

223 62.1 31.1 93.2

227 63.0 32.5 97.5





#95

Naphthalene

Concen: 18.815 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

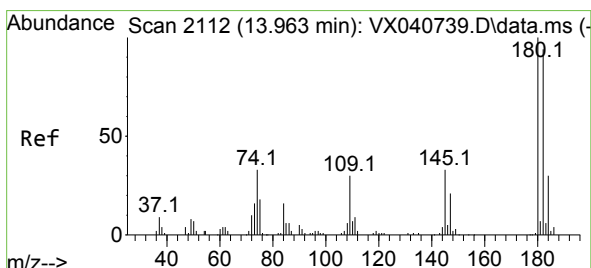
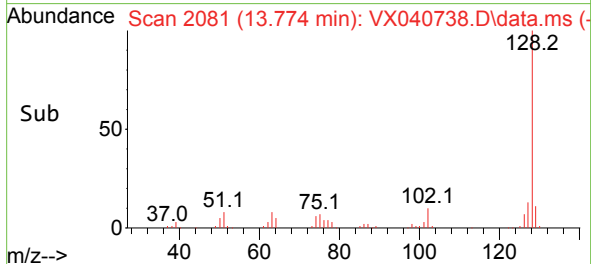
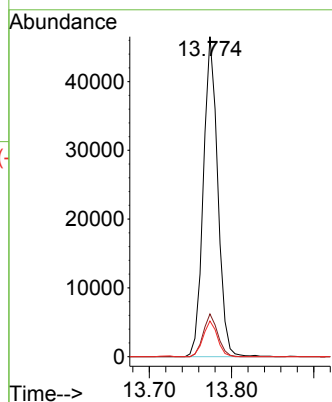
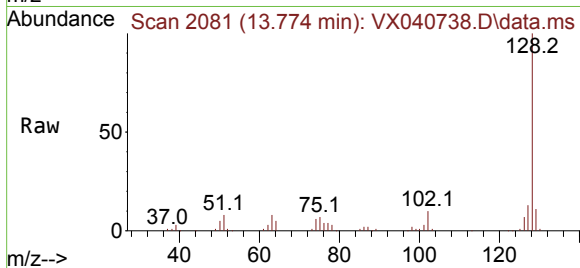
Tgt Ion:128 Resp: 56433

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.069 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040738.D

Acq: 21 Mar 2024 10:51

Tgt Ion:180 Resp: 16831

Ion Ratio Lower Upper

180 100

182 94.9 46.9 140.6

145 35.2 17.8 53.5

