

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011524\  
 Data File : VX039762.D  
 Acq On : 15 Jan 2024 17:49  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 16 01:44:17 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 03:51:26 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 102856   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 184061   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 160969   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 74034    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 77274    | 44.849   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 89.700%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 58920    | 47.526   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 95.060%  |
| 50) Toluene-d8               | 8.647  | 98    | 214709   | 45.920   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 91.840%# |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 81664    | 44.663   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 89.320%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 56821    | 42.697   | ug/l   | 97       |
| 3) Chloromethane             | 1.294  | 50    | 62667    | 41.234   | ug/l   | 96       |
| 4) Vinyl Chloride            | 1.374  | 62    | 63190    | 44.056   | ug/l   | 99       |
| 5) Bromomethane              | 1.599  | 94    | 31571    | 38.577   | ug/l   | 96       |
| 6) Chloroethane              | 1.666  | 64    | 29949    | 36.731   | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 1.874  | 101   | 93734    | 45.303   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.136  | 74    | 34800    | 45.513   | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 57849    | 45.098   | ug/l   | 99       |
| 10) Methyl Iodide            | 2.447  | 142   | 66909    | 49.444   | ug/l   | 94       |
| 11) Tert butyl alcohol       | 3.007  | 59    | 101863   | 227.114  | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 2.312  | 96    | 55528    | 44.855   | ug/l   | 93       |
| 13) Acrolein                 | 2.233  | 56    | 59309    | 212.715  | ug/l   | 99       |
| 14) Allyl chloride           | 2.660  | 41    | 104803   | 43.013   | ug/l   | 98       |
| 15) Acrylonitrile            | 3.062  | 53    | 204270   | 220.484  | ug/l   | 99       |
| 16) Acetone                  | 2.380  | 43    | 199651   | 206.039  | ug/l   | 91       |
| 17) Carbon Disulfide         | 2.508  | 76    | 138047   | 38.798   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.703  | 43    | 93163    | 45.955   | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 204099   | 46.439   | ug/l   | 99       |
| 20) Methylene Chloride       | 2.788  | 84    | 66331    | 45.255   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 58230    | 44.697   | ug/l   | 98       |
| 22) Diisopropyl ether        | 3.757  | 45    | 213881   | 45.999   | ug/l   | 99       |
| 23) Vinyl Acetate            | 3.721  | 43    | 997304   | 230.741  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 117333   | 45.869   | ug/l   | 99       |
| 25) 2-Butanone               | 4.556  | 43    | 303105   | 217.668  | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 92621    | 45.115   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 68606    | 45.915   | ug/l   | 99       |
| 28) Bromochloromethane       | 4.891  | 49    | 52742    | 45.486   | ug/l   | 97       |
| 29) Tetrahydrofuran          | 5.001  | 42    | 192902   | 215.224  | ug/l   | 99       |
| 30) Chloroform               | 5.086  | 83    | 117903   | 46.690   | ug/l   | 99       |
| 31) Cyclohexane              | 5.464  | 56    | 99846    | 43.909   | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 99269    | 45.918   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 84056    | 43.559   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.708  | 43    | 111339   | 43.249   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.672  | 117   | 80388    | 45.484   | ug/l   | 94       |
| 39) Methylcyclohexane        | 7.379  | 83    | 101483   | 43.795   | ug/l   | 99       |
| 40) Benzene                  | 6.031  | 78    | 252894   | 46.282   | ug/l   | 100      |

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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 16 01:44:17 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 03:51:26 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 58274    | 46.290  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 97815    | 47.085  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.336  | 43   | 174093   | 46.100  | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 62451    | 46.635  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 67782    | 46.242  | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 46297    | 45.728  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.818  | 83   | 87984    | 46.923  | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.690  | 41   | 84398    | 45.467  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 33253    | 925.803 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 591756   | 227.520 | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 153376   | 46.994  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 92324    | 46.401  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 102177   | 46.703  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 64369    | 46.324  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 107617   | 47.852  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 110442   | 46.901  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 258567   | 243.237 | ug/l   | 95       |
| 59) 2-Hexanone                | 9.433  | 43   | 473441   | 229.997 | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.518  | 129  | 62219    | 47.480  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 69187    | 48.081  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.269  | 164  | 49350    | 47.145  | ug/l   | 95       |
| 65) Chlorobenzene             | 10.079 | 112  | 161616   | 48.206  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 58176    | 50.961  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 300279   | 48.243  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 222514   | 97.205  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 111403   | 49.142  | ug/l   | 97       |
| 70) Styrene                   | 10.652 | 104  | 181680   | 49.061  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 43472    | 50.714  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 294064   | 49.889  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 159025   | 51.758  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 113604   | 50.473  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 123585   | 64.387  | ug/l   | 90       |
| 77) Bromobenzene              | 11.195 | 156  | 65041    | 49.559  | ug/l   | 95       |
| 78) n-propylbenzene           | 11.305 | 91   | 350309   | 49.103  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 212683   | 48.235  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 250928   | 50.124  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 31327    | 48.856  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 244017   | 48.790  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 241284   | 50.484  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 251526   | 50.361  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 313911   | 50.597  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 250709   | 50.561  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 125422   | 49.855  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 124955   | 48.091  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 230321   | 48.092  | ug/l   | 96       |
| 90) Hexachloroethane          | 12.536 | 117  | 42765    | 51.122  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 123309   | 49.579  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 26105    | 47.331  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 71199    | 46.845  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 31007    | 49.076  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 269409   | 48.149  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 71695    | 46.739  | ug/l   | 99       |

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Data File : VX039762.D  
Acq On : 15 Jan 2024 17:49  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

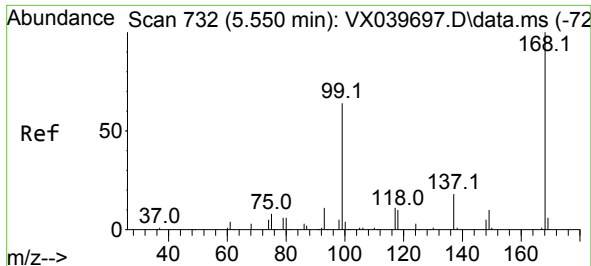
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Jan 16 01:44:17 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:51:26 2024  
Response via : Initial Calibration

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

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



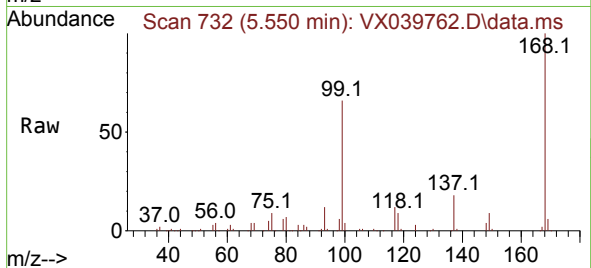


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

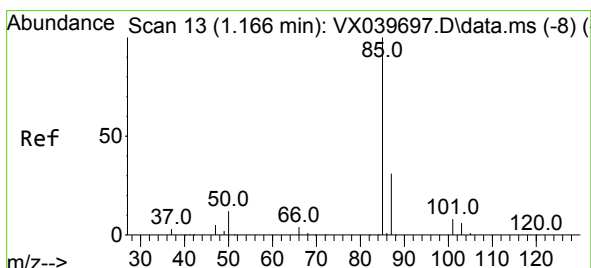
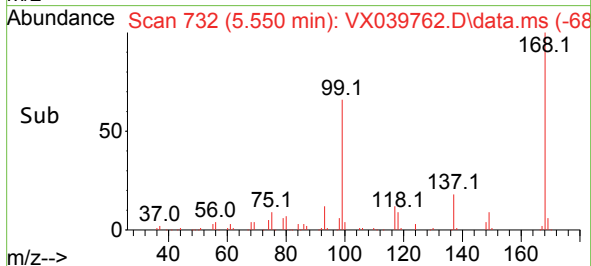
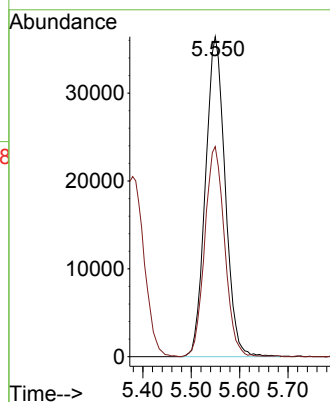
Instrument :

MSVOA\_X

ClientSampleId :

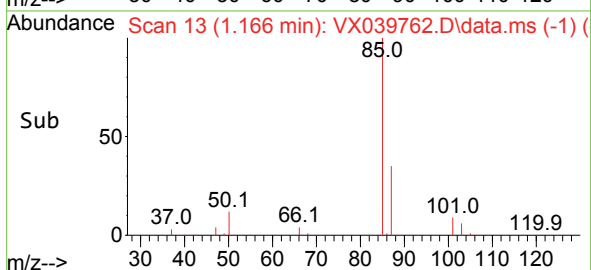
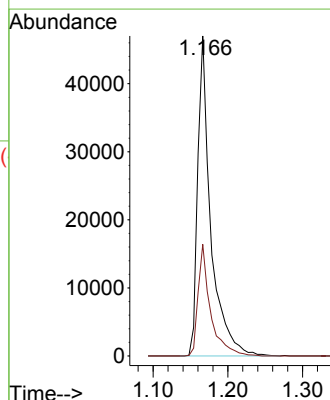
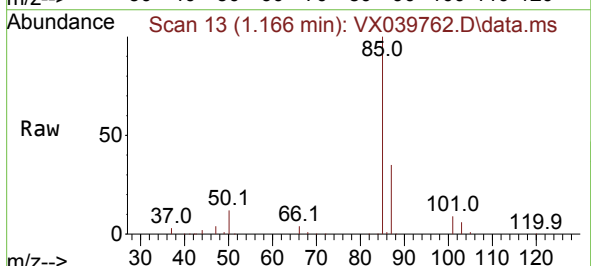


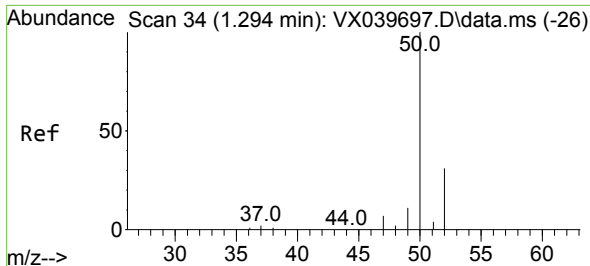
Tgt Ion:168 Resp: 102856  
Ion Ratio Lower Upper  
168 100  
99 65.7 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 42.697 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion: 85 Resp: 56821  
Ion Ratio Lower Upper  
85 100  
87 34.9 16.7 50.1

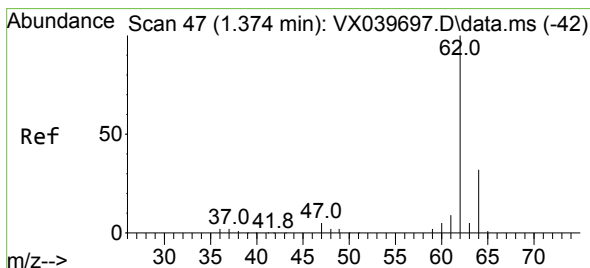
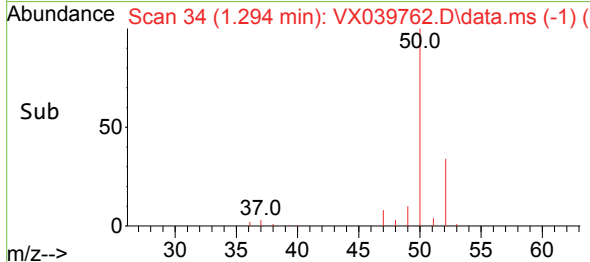
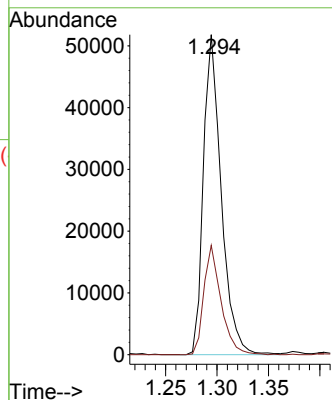
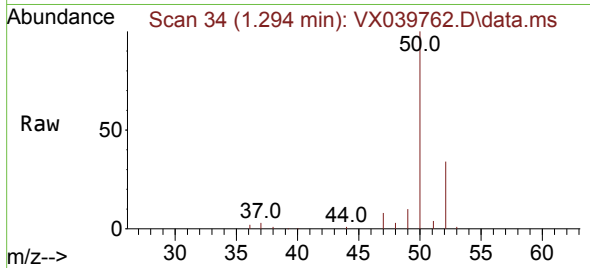




#3  
Chloromethane  
Concen: 41.234 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

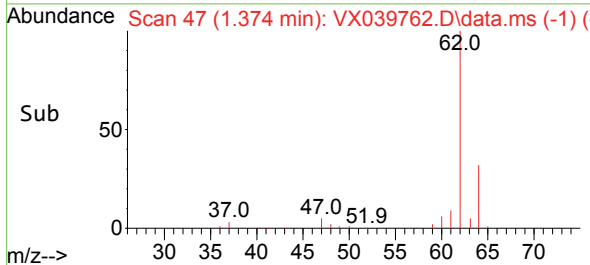
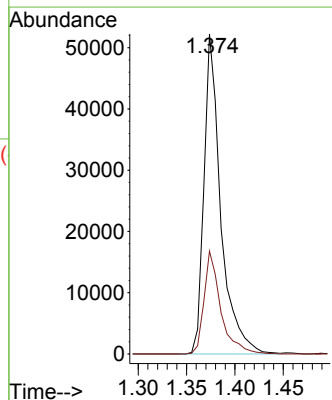
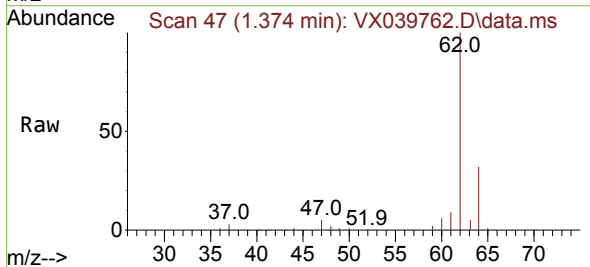
Instrument :  
MSVOA\_X  
ClientSampleId :

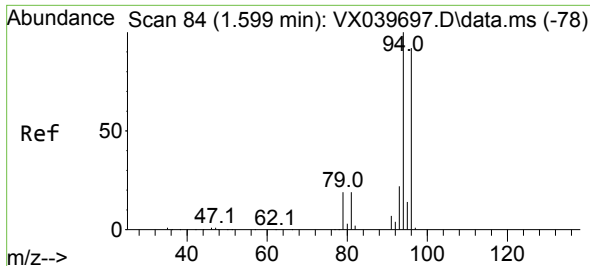
Tgt Ion: 50 Resp: 62667  
Ion Ratio Lower Upper  
50 100  
52 34.2 25.5 38.3



#4  
Vinyl Chloride  
Concen: 44.056 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion: 62 Resp: 63190  
Ion Ratio Lower Upper  
62 100  
64 32.2 25.4 38.0

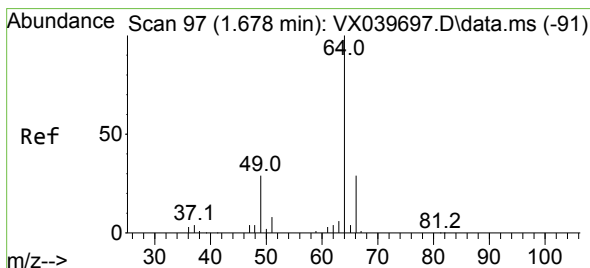
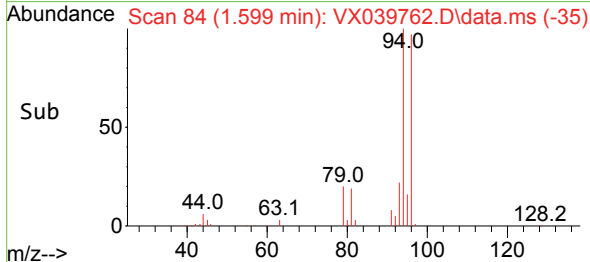
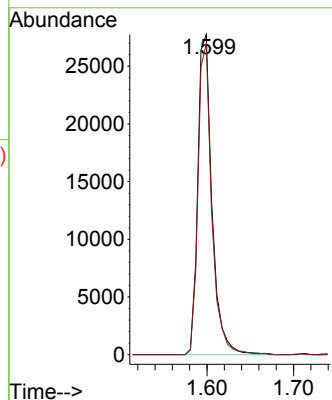
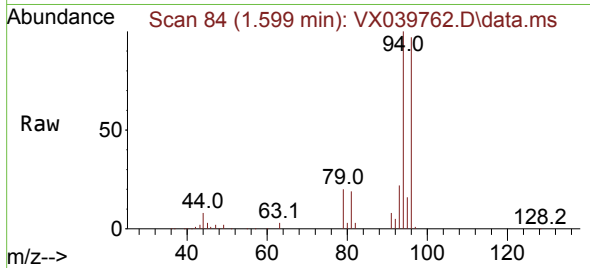




#5  
 Bromomethane  
 Concen: 38.577 ug/l  
 RT: 1.599 min Scan# 84  
 Delta R.T. -0.000 min  
 Lab File: VX039762.D  
 Acq: 15 Jan 2024 17:49

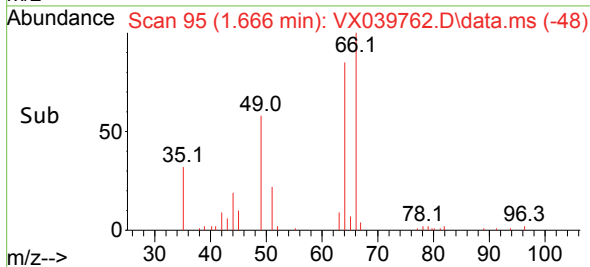
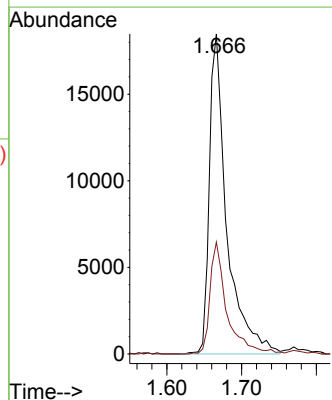
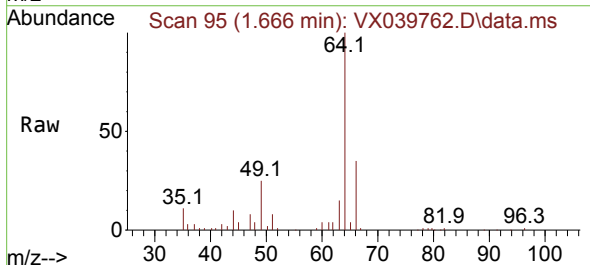
Instrument :  
 MSVOA\_X  
 ClientSampleId :

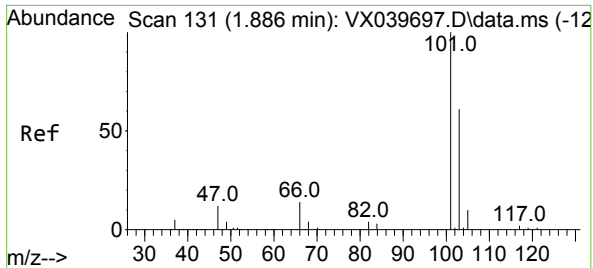
Tgt Ion: 94 Resp: 31571  
 Ion Ratio Lower Upper  
 94 100  
 96 97.2 74.6 111.8



#6  
 Chloroethane  
 Concen: 36.731 ug/l  
 RT: 1.666 min Scan# 95  
 Delta R.T. -0.012 min  
 Lab File: VX039762.D  
 Acq: 15 Jan 2024 17:49

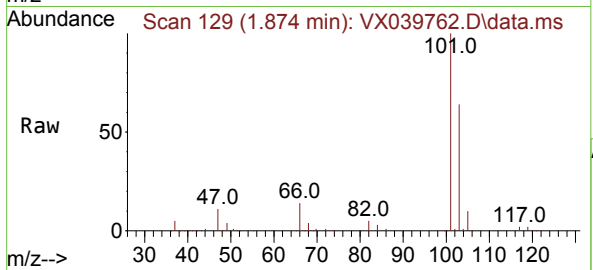
Tgt Ion: 64 Resp: 29949  
 Ion Ratio Lower Upper  
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 66 35.0 25.1 37.7



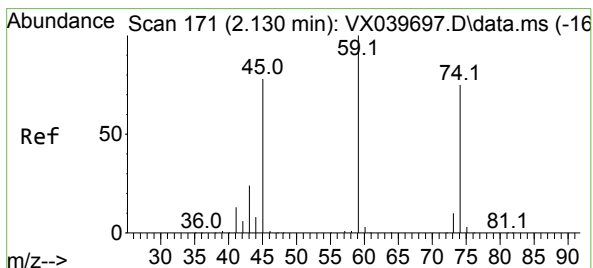
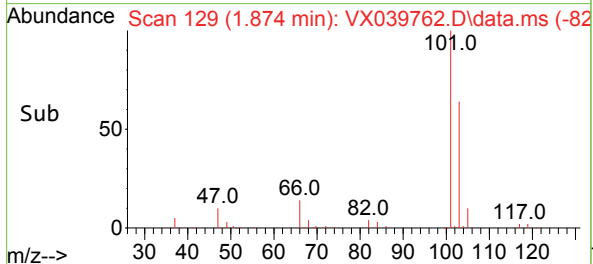
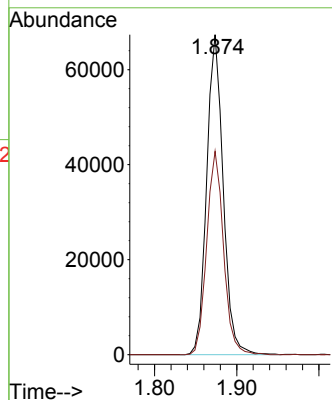


#7  
 Trichlorofluoromethane  
 Concen: 45.303 ug/l  
 RT: 1.874 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: VX039762.D  
 Acq: 15 Jan 2024 17:49

Instrument :  
 MSVOA\_X  
 ClientSampleId :

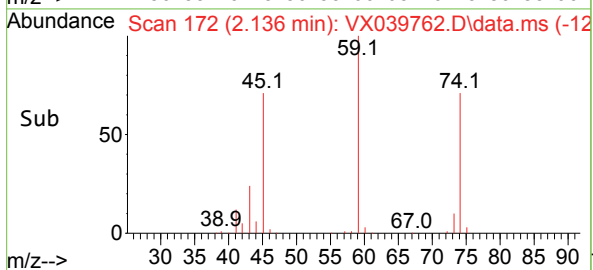
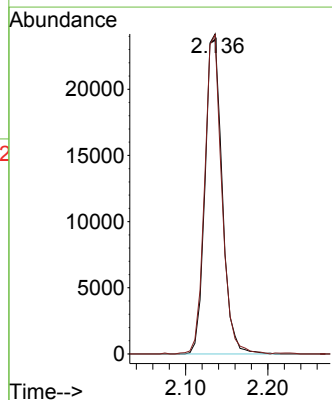
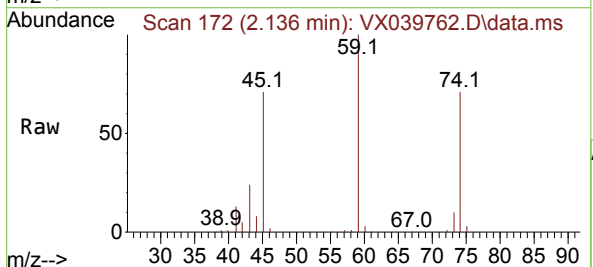


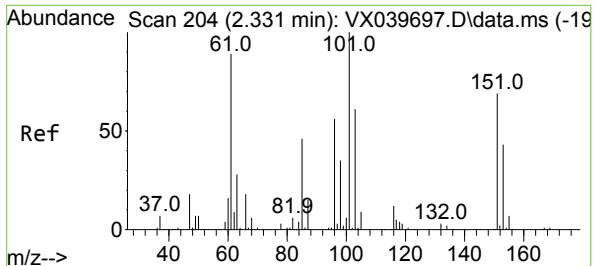
Tgt Ion:101 Resp: 93734  
 Ion Ratio Lower Upper  
 101 100  
 103 63.6 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 45.513 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.006 min  
 Lab File: VX039762.D  
 Acq: 15 Jan 2024 17:49

Tgt Ion: 74 Resp: 34800  
 Ion Ratio Lower Upper  
 74 100  
 45 100.6 53.3 159.8

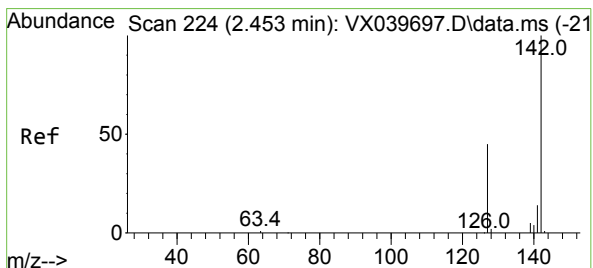
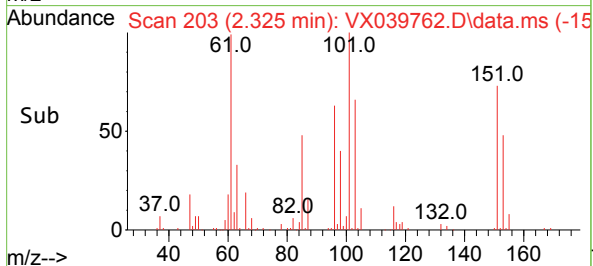
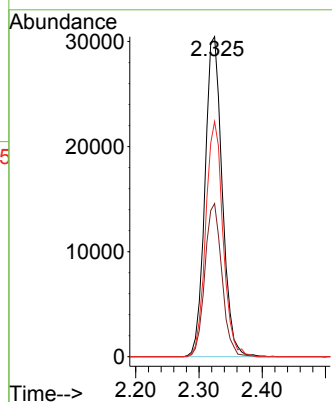
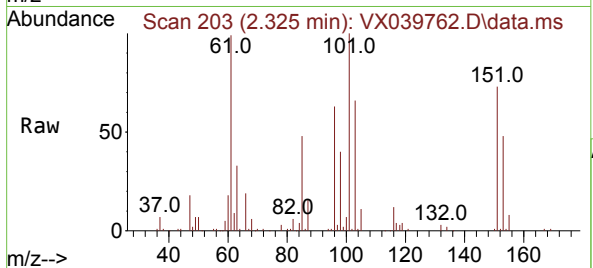




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.098 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

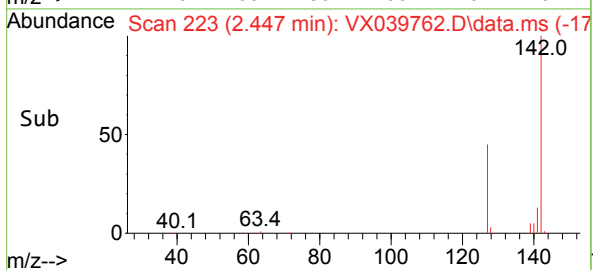
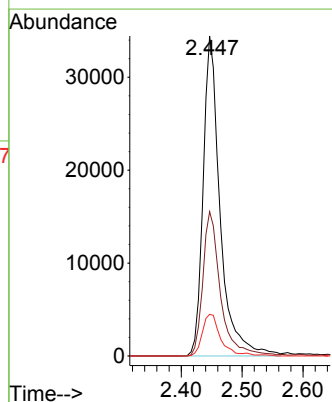
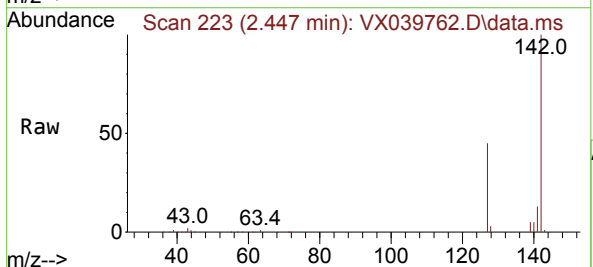
Instrument :  
MSVOA\_X  
ClientSampleId :

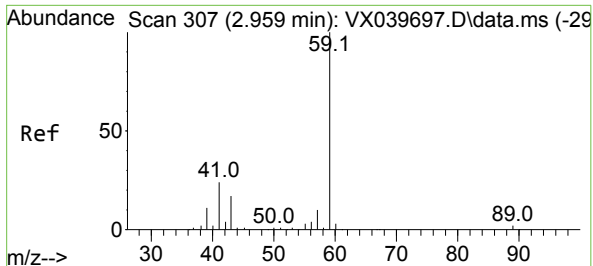
Tgt Ion:101 Resp: 57849  
Ion Ratio Lower Upper  
101 100  
85 47.3 37.0 55.6  
151 73.6 58.6 87.8



#10  
Methyl Iodide  
Concen: 49.444 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. -0.006 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion:142 Resp: 66909  
Ion Ratio Lower Upper  
142 100  
127 46.8 41.6 62.4  
141 14.1 11.6 17.4

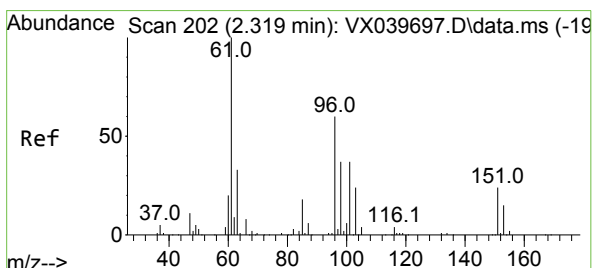
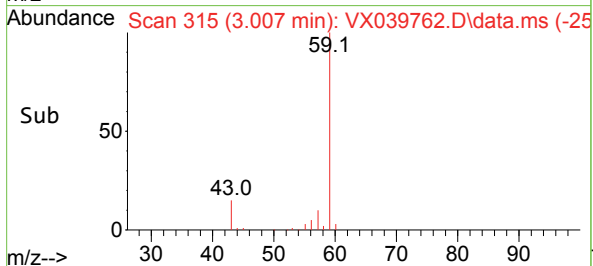
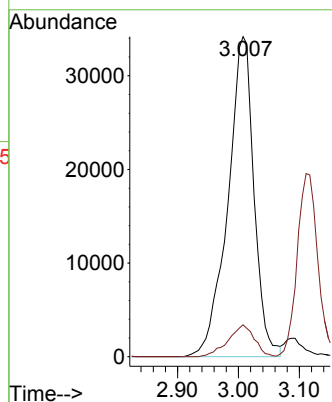
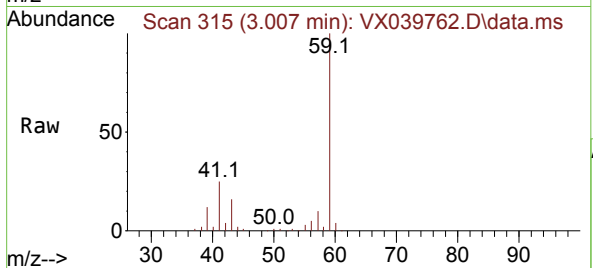




#11  
Tert butyl alcohol  
Concen: 227.114 ug/l  
RT: 3.007 min Scan# 31  
Delta R.T. 0.049 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

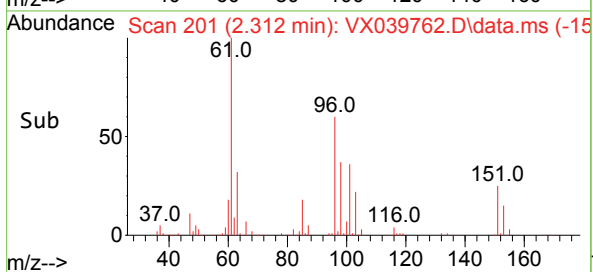
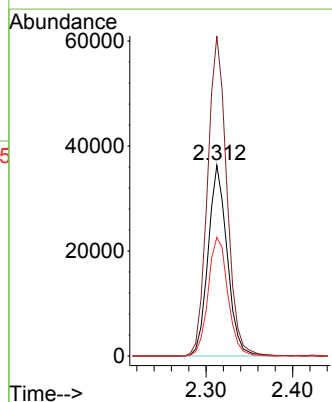
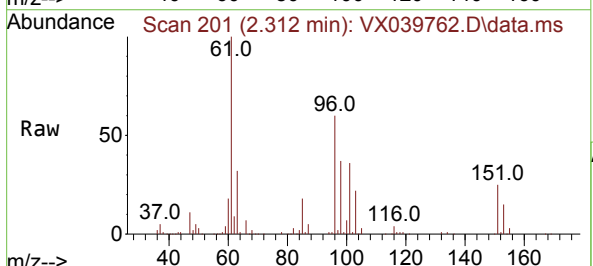
Instrument :  
MSVOA\_X  
ClientSampleId :

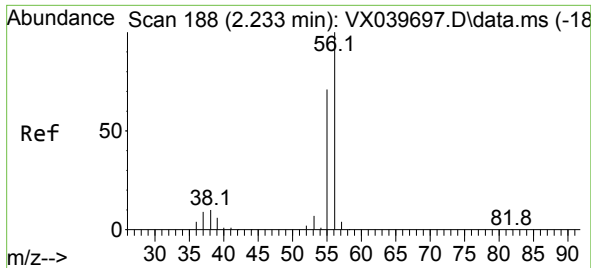
Tgt Ion: 59 Resp: 101863  
Ion Ratio Lower Upper  
59 100  
57 10.0 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 44.855 ug/l  
RT: 2.312 min Scan# 201  
Delta R.T. -0.006 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion: 96 Resp: 55528  
Ion Ratio Lower Upper  
96 100  
61 167.8 144.6 216.8  
98 62.2 50.4 75.6





#13

Acrolein

Concen: 212.715 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

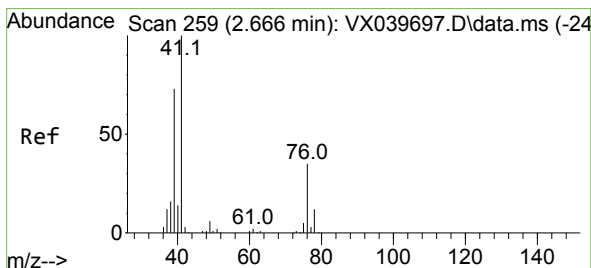
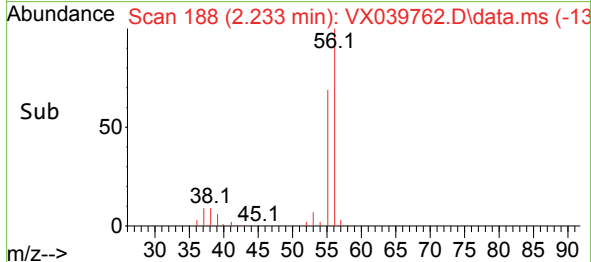
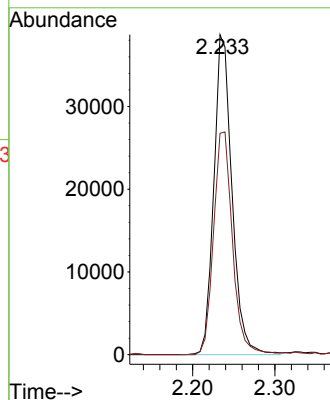
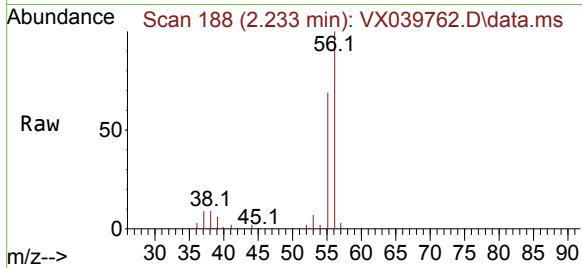
ClientSampleId :

Tgt Ion: 56 Resp: 59309

Ion Ratio Lower Upper

56 100

55 72.6 57.1 85.7



#14

Allyl chloride

Concen: 43.013 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

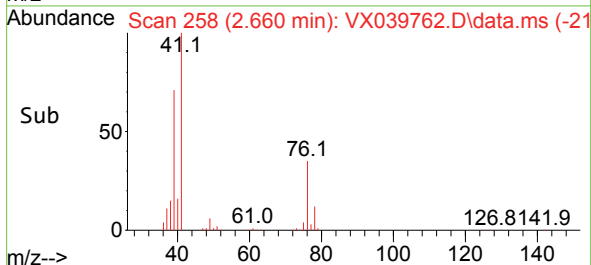
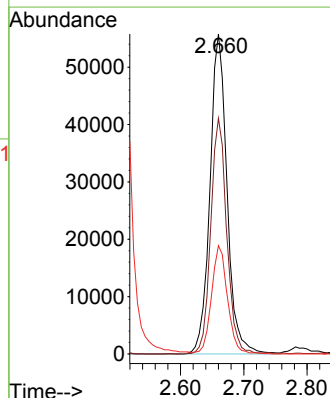
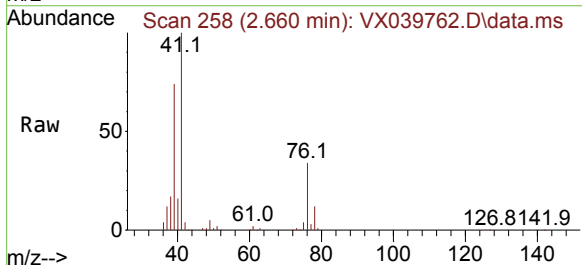
Tgt Ion: 41 Resp: 104803

Ion Ratio Lower Upper

41 100

39 68.7 55.8 83.6

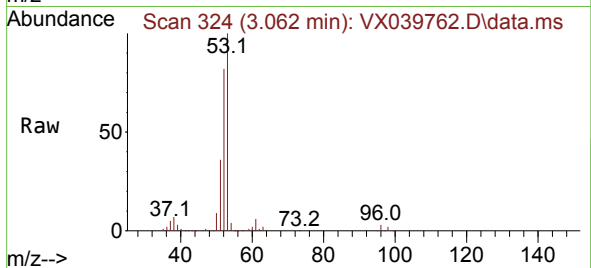
76 31.7 24.3 36.5



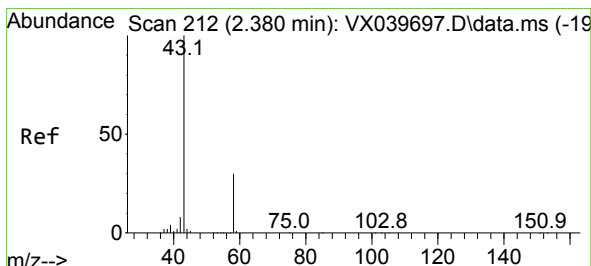
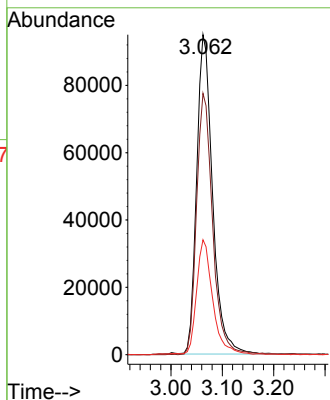
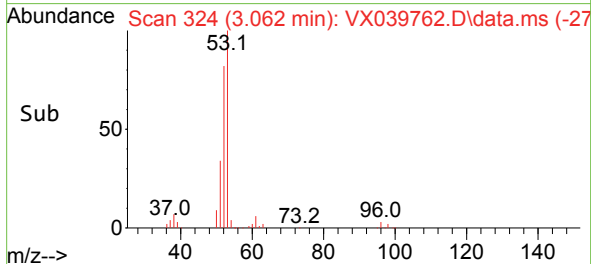


#15  
Acrylonitrile  
Concen: 220.484 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Instrument :  
MSVOA\_X  
ClientSampleId :

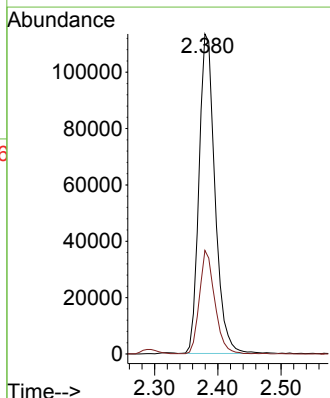
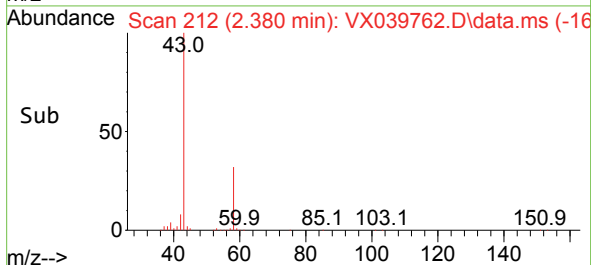
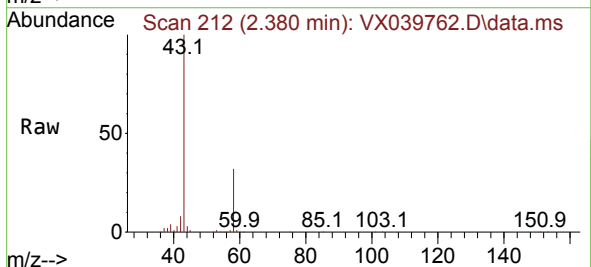


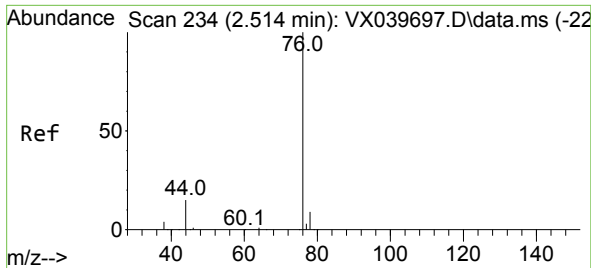
Tgt Ion: 53 Resp: 204270  
Ion Ratio Lower Upper  
53 100  
52 82.6 66.0 99.0  
51 35.9 29.8 44.6



#16  
Acetone  
Concen: 206.039 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

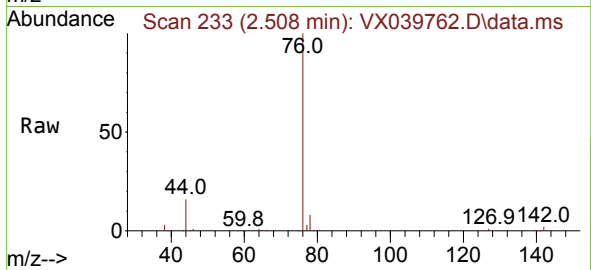
Tgt Ion: 43 Resp: 199651  
Ion Ratio Lower Upper  
43 100  
58 32.3 21.9 32.9



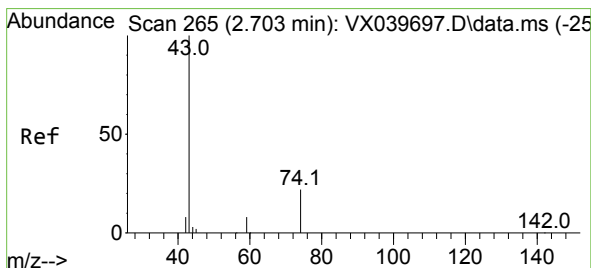
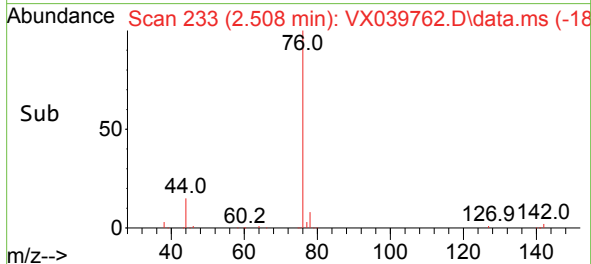
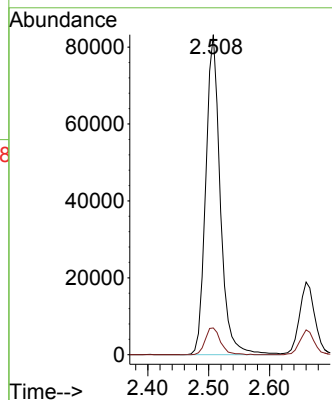


#17  
Carbon Disulfide  
Concen: 38.798 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Instrument :  
MSVOA\_X  
ClientSampleId :

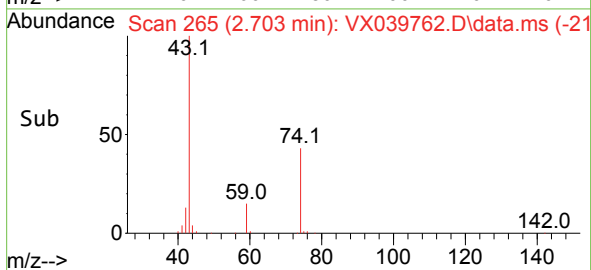
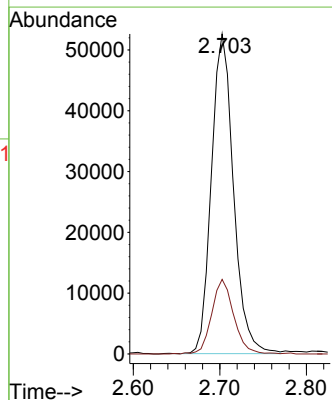
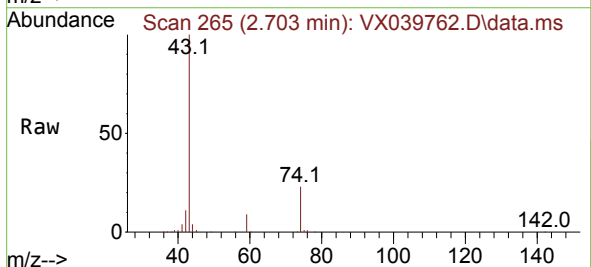


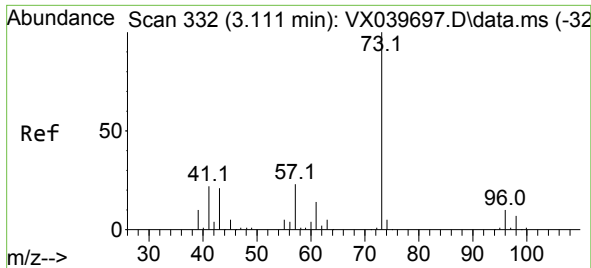
Tgt Ion: 76 Resp: 138047  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.0 10.6



#18  
Methyl Acetate  
Concen: 45.955 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion: 43 Resp: 93163  
Ion Ratio Lower Upper  
43 100  
74 23.3 17.8 26.8

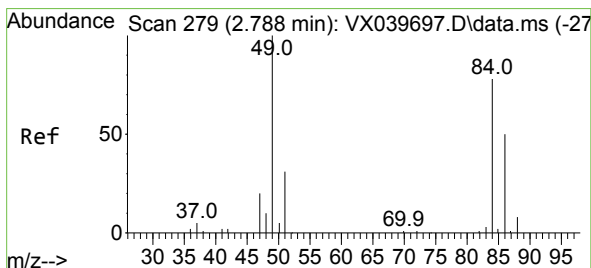
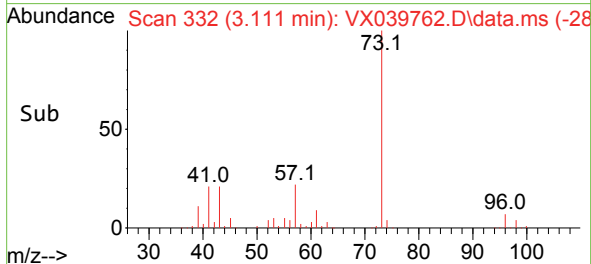
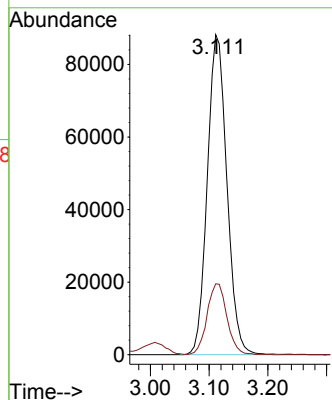
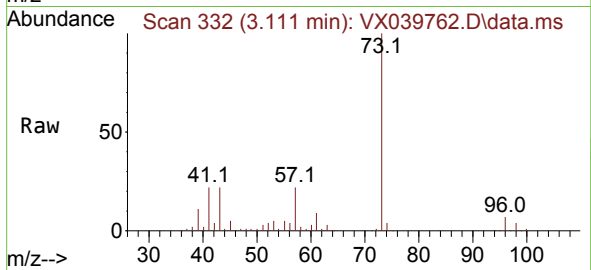




#19  
Methyl tert-butyl Ether  
Concen: 46.439 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

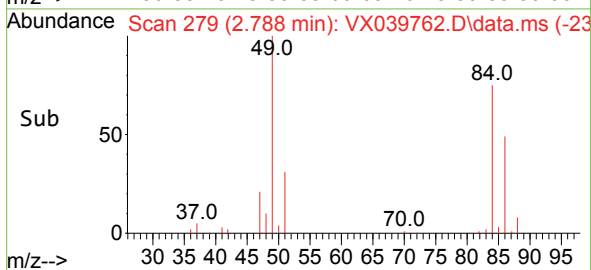
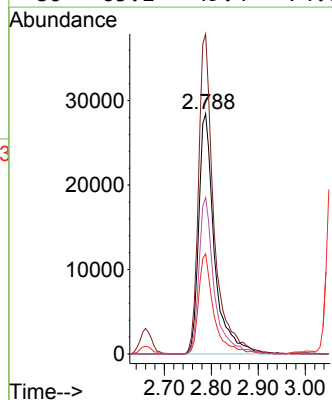
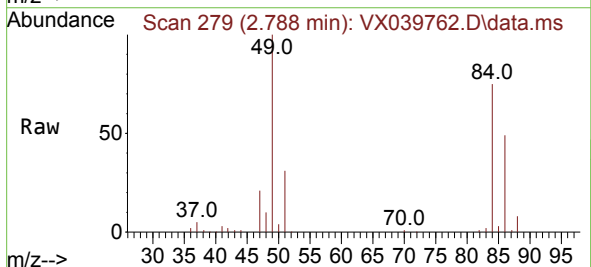
Instrument :  
MSVOA\_X  
ClientSampleId :

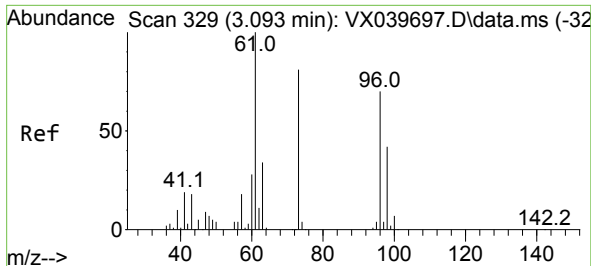
Tgt Ion: 73 Resp: 204099  
Ion Ratio Lower Upper  
73 100  
57 22.2 17.3 25.9



#20  
Methylene Chloride  
Concen: 45.255 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion: 84 Resp: 66331  
Ion Ratio Lower Upper  
84 100  
49 133.1 103.6 155.4  
51 41.7 33.8 50.6  
86 65.1 49.4 74.0

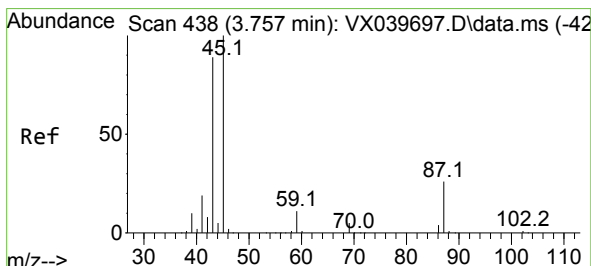
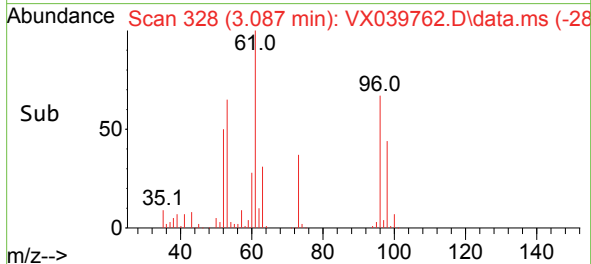
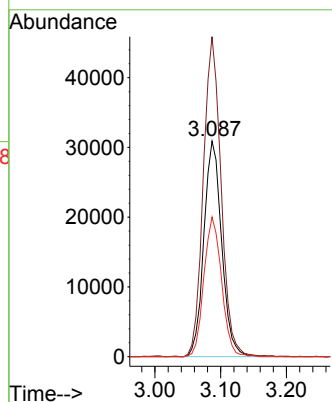
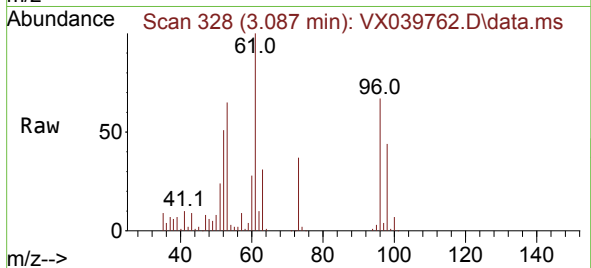




#21  
trans-1,2-Dichloroethene  
Concen: 44.697 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

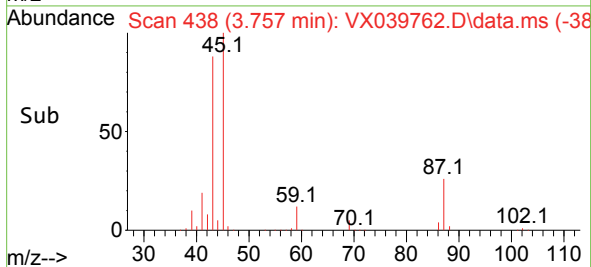
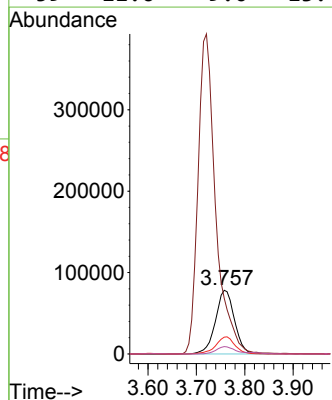
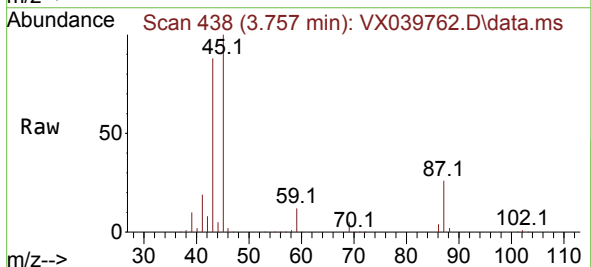
Instrument :  
MSVOA\_X  
ClientSampleId :

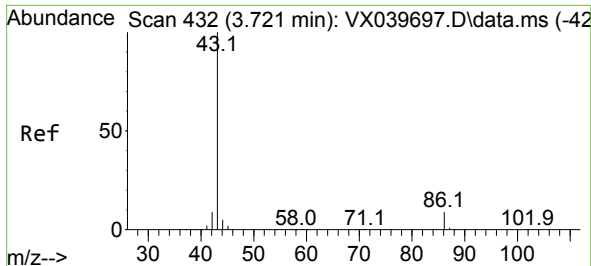
Tgt Ion: 96 Resp: 58230  
Ion Ratio Lower Upper  
96 100  
61 148.4 119.2 178.8  
98 64.8 48.7 73.1



#22  
Diisopropyl ether  
Concen: 45.999 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion: 45 Resp: 213881  
Ion Ratio Lower Upper  
45 100  
43 87.5 69.7 104.5  
87 26.4 20.8 31.2  
59 11.6 9.0 13.4

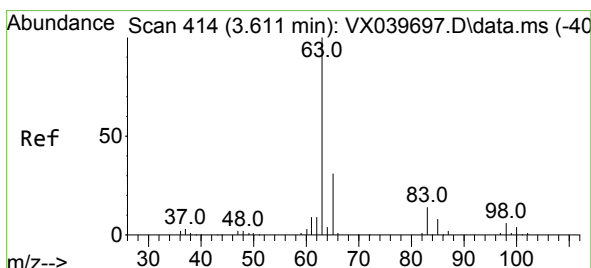
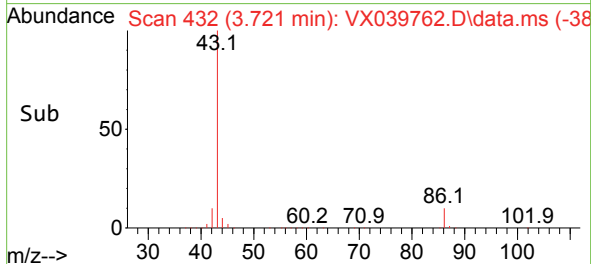
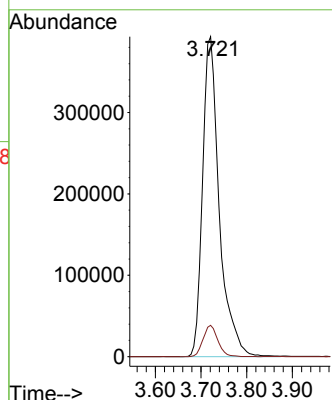
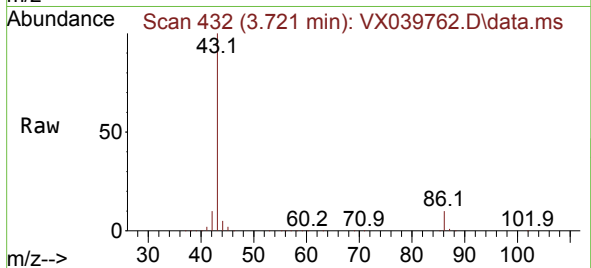




#23  
 Vinyl Acetate  
 Concen: 230.741 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX039762.D  
 Acq: 15 Jan 2024 17:49

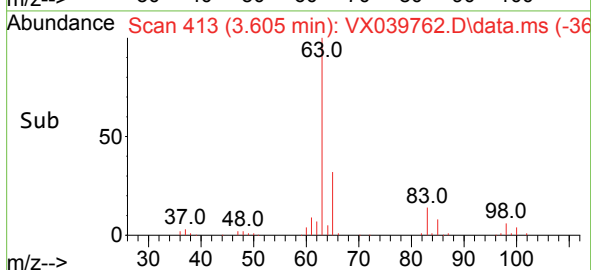
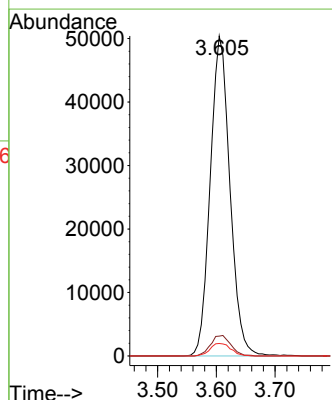
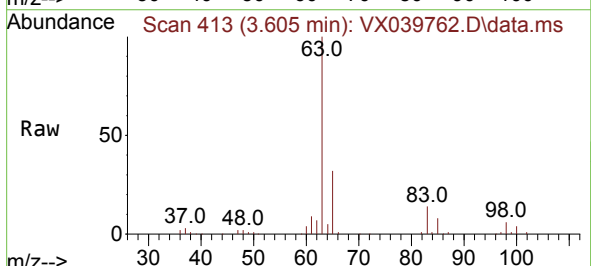
Instrument :  
 MSVOA\_X  
 ClientSampleId :

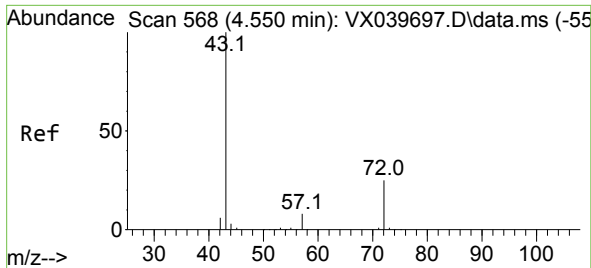
Tgt Ion: 43 Resp: 997304  
 Ion Ratio Lower Upper  
 43 100  
 86 9.8 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 45.869 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX039762.D  
 Acq: 15 Jan 2024 17:49

Tgt Ion: 63 Resp: 117333  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.3 9.8  
 100 3.9 2.1 6.5

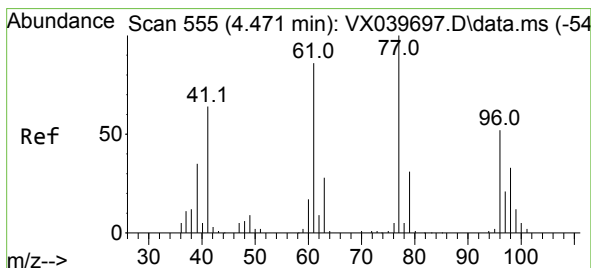
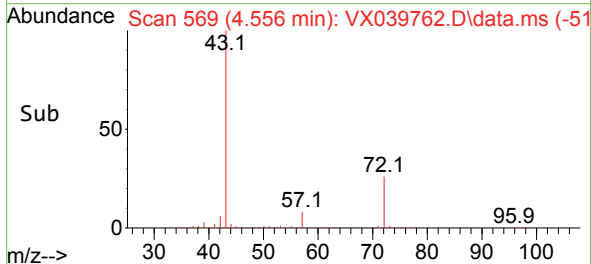
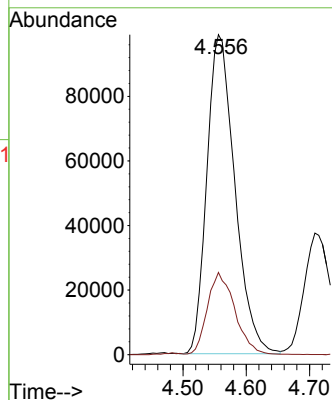
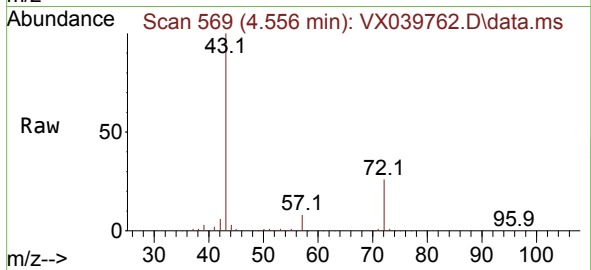




#25  
2-Butanone  
Concen: 217.668 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.006 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

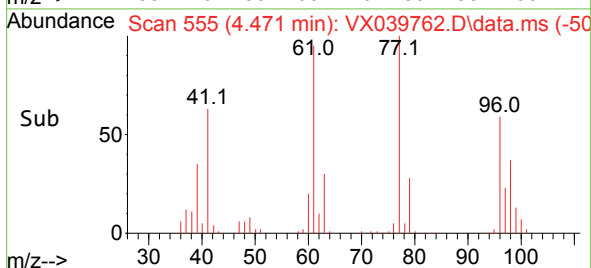
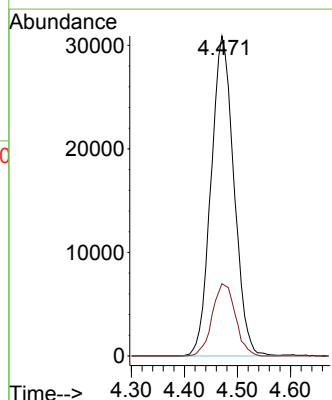
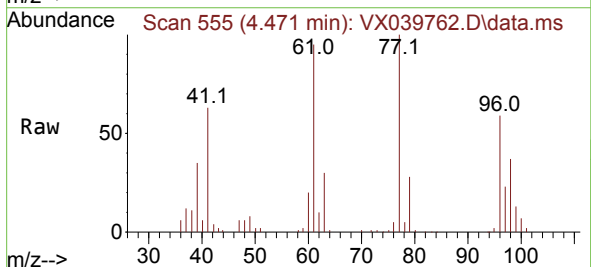
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 43 Resp: 303105  
Ion Ratio Lower Upper  
43 100  
72 25.6 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 45.115 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

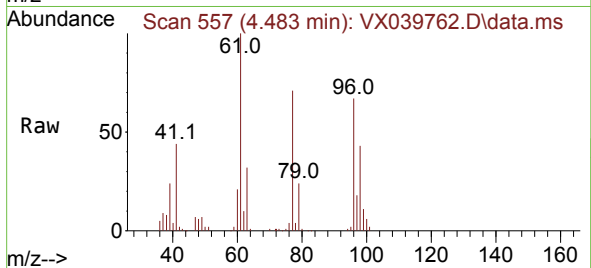
Tgt Ion: 77 Resp: 92621  
Ion Ratio Lower Upper  
77 100  
97 22.9 10.8 32.3





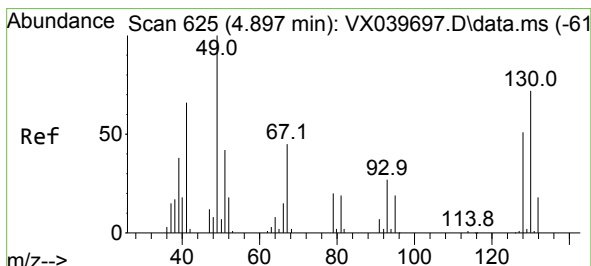
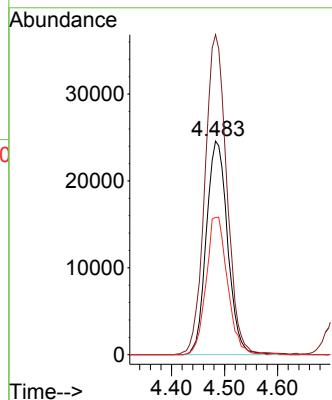
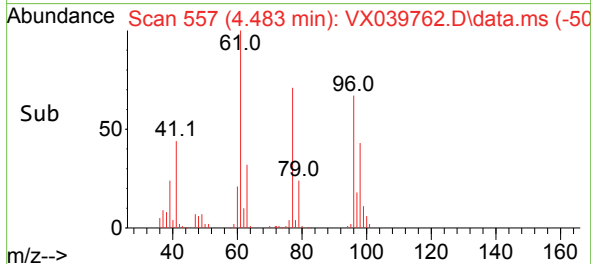
#27  
 cis-1,2-Dichloroethene  
 Concen: 45.915 ug/l  
 RT: 4.483 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VX039762.D  
 Acq: 15 Jan 2024 17:49

Instrument :  
 MSVOA\_X  
 ClientSampleId :



Tgt Ion: 96 Resp: 68606  

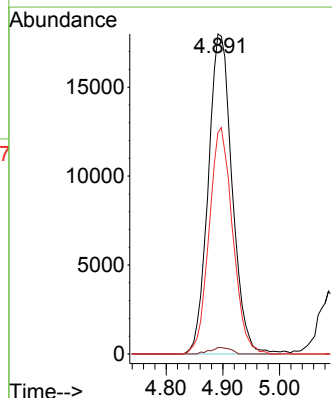
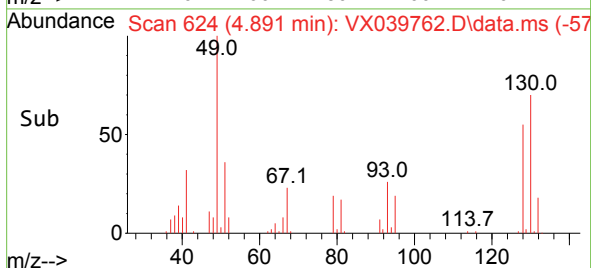
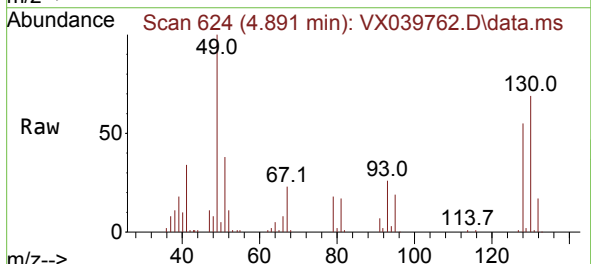
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 154.5 | 0.0   | 312.2 |
| 98  | 64.7  | 0.0   | 129.0 |

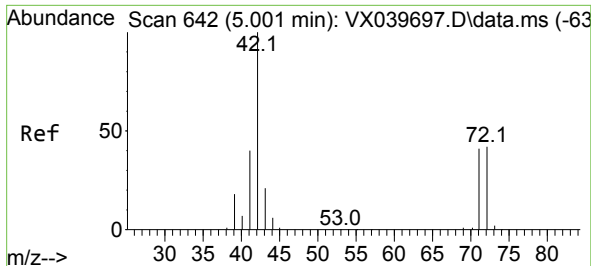


#28  
 Bromochloromethane  
 Concen: 45.486 ug/l  
 RT: 4.891 min Scan# 624  
 Delta R.T. -0.006 min  
 Lab File: VX039762.D  
 Acq: 15 Jan 2024 17:49

Tgt Ion: 49 Resp: 52742  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.7   | 0.0   | 3.8   |
| 130 | 69.6  | 57.5  | 86.3  |





#29

Tetrahydrofuran

Concen: 215.224 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.000 min

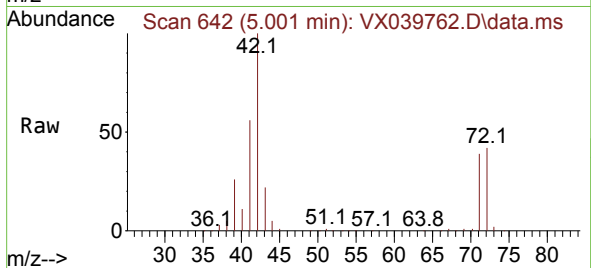
Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

ClientSampleId :



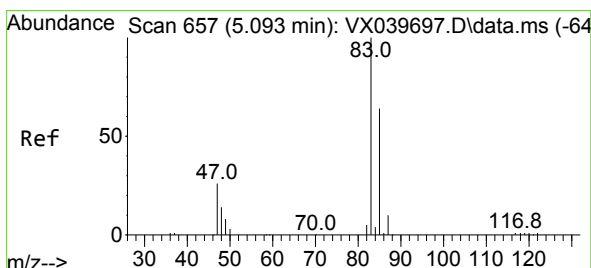
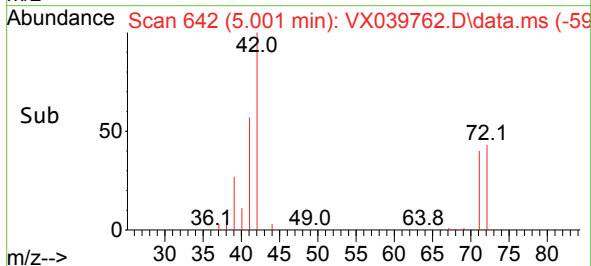
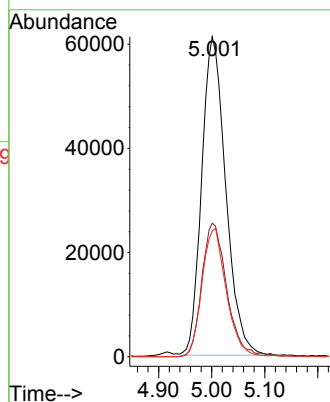
Tgt Ion: 42 Resp: 192902

Ion Ratio Lower Upper

42 100

72 43.5 34.2 51.4

71 40.5 32.2 48.2



#30

Chloroform

Concen: 46.690 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039762.D

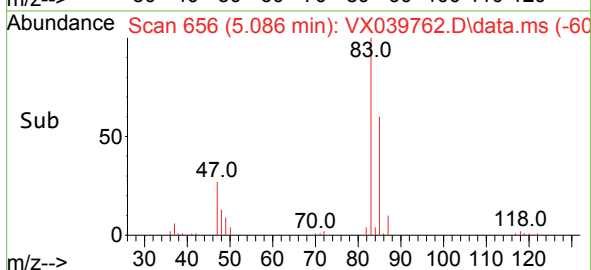
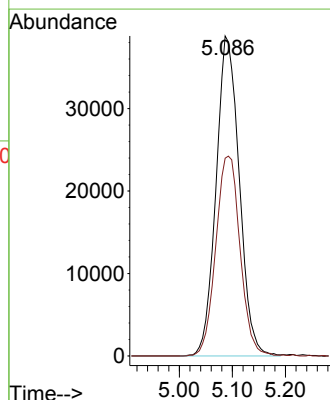
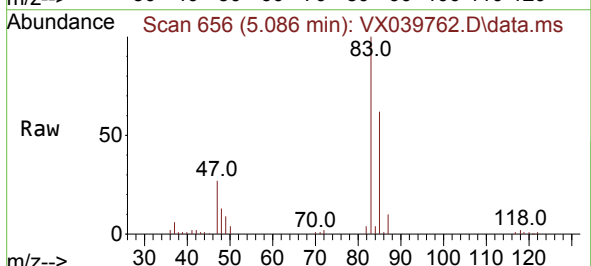
Acq: 15 Jan 2024 17:49

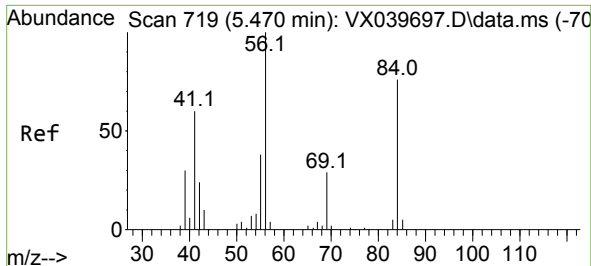
Tgt Ion: 83 Resp: 117903

Ion Ratio Lower Upper

83 100

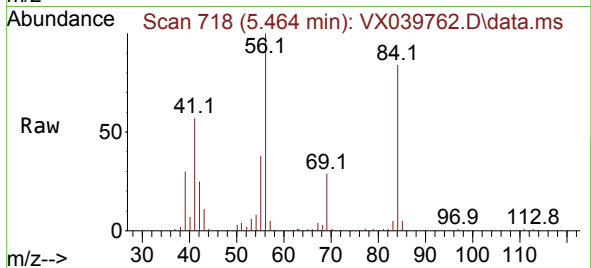
85 61.8 50.3 75.5



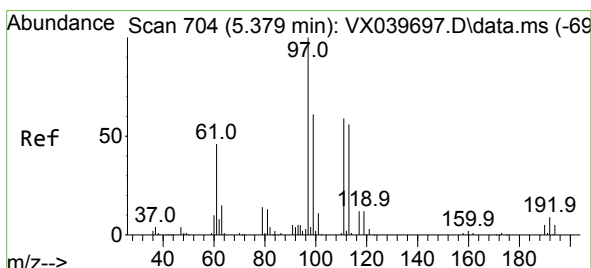
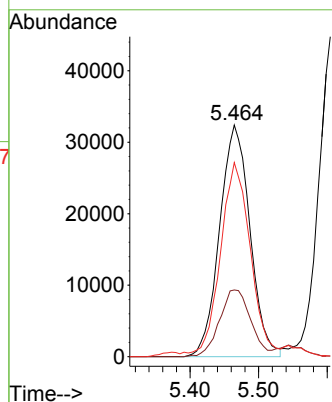
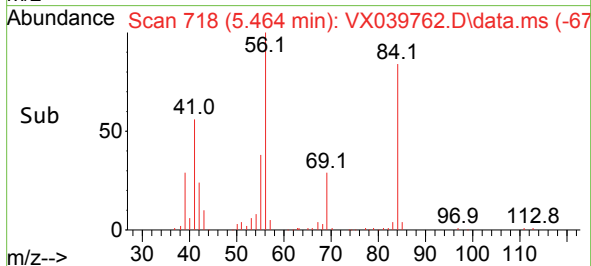


#31  
Cyclohexane  
Concen: 43.909 ug/l  
RT: 5.464 min Scan# 719  
Delta R.T. -0.006 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Instrument :  
MSVOA\_X  
ClientSampleId :

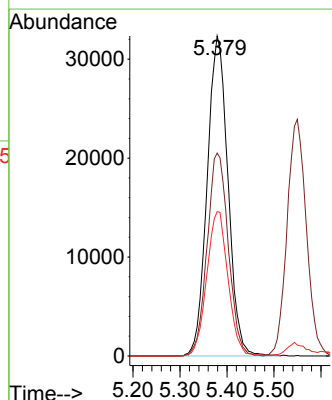
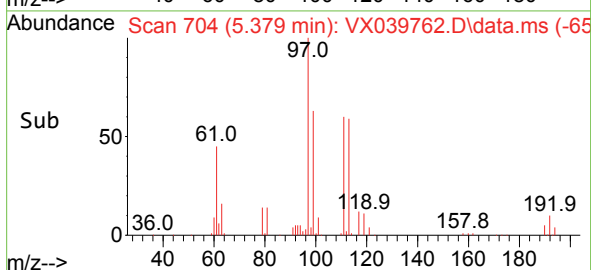
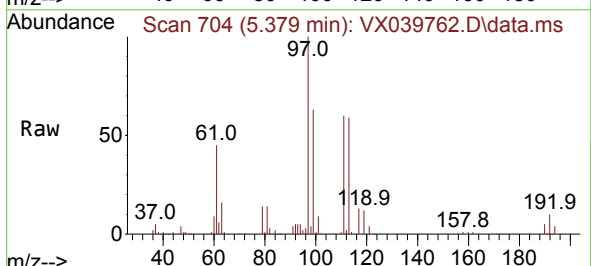


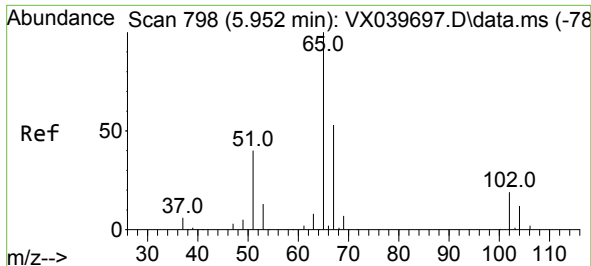
Tgt Ion: 56 Resp: 99846  
Ion Ratio Lower Upper  
56 100  
69 28.8 23.4 35.2  
84 82.4 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 45.918 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion: 97 Resp: 99269  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.1 76.7  
61 46.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.849 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

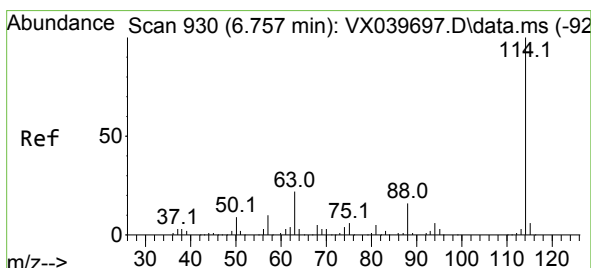
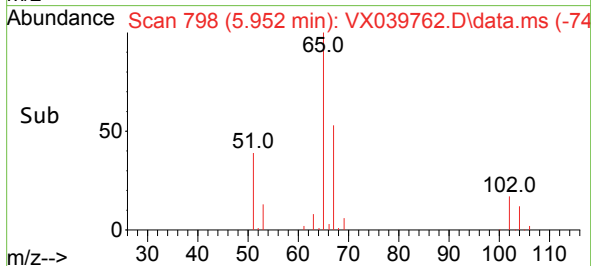
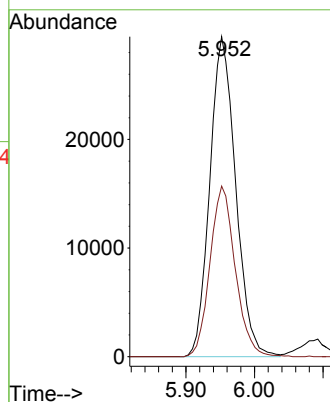
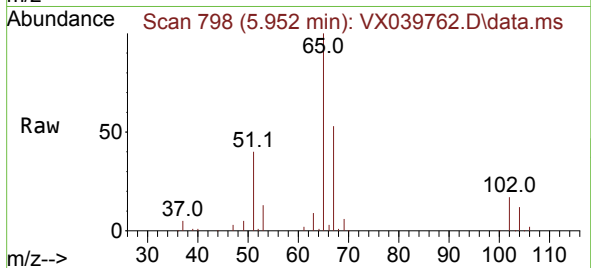
ClientSampleId :

Tgt Ion: 65 Resp: 77274

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

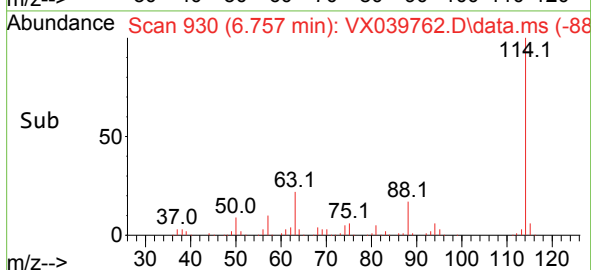
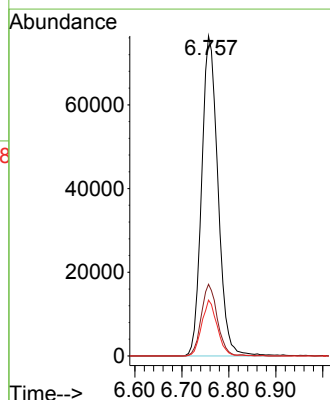
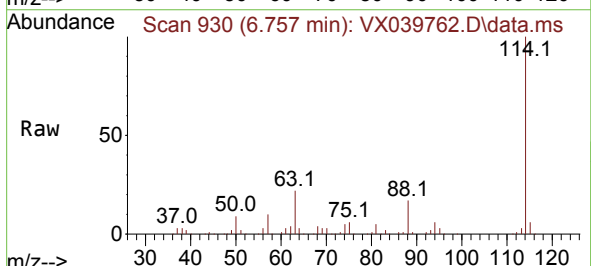
Tgt Ion: 114 Resp: 184061

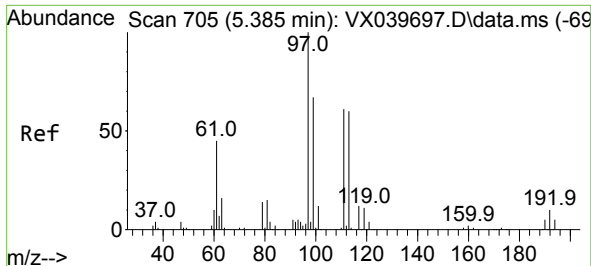
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

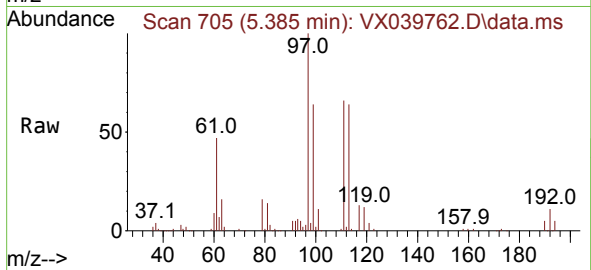
88 17.5 0.0 36.6



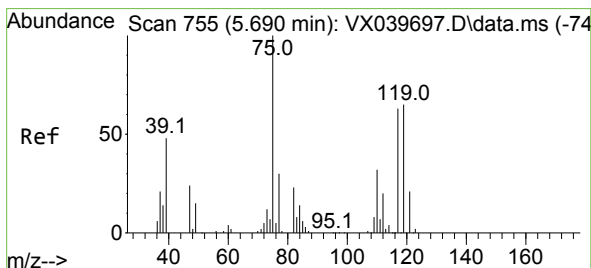
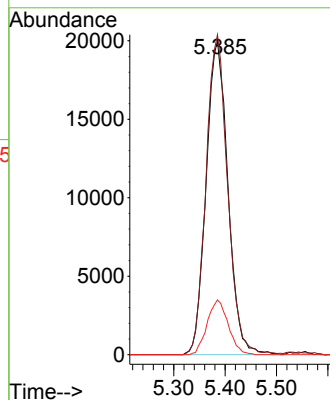
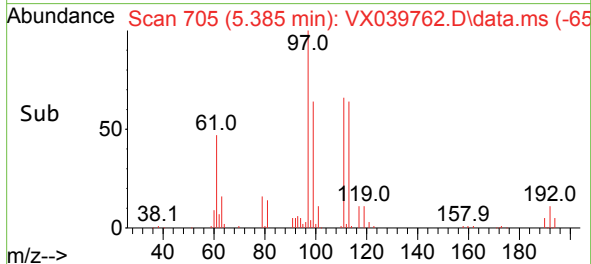


#35  
Dibromofluoromethane  
Concen: 47.526 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Instrument :  
MSVOA\_X  
ClientSampleId :

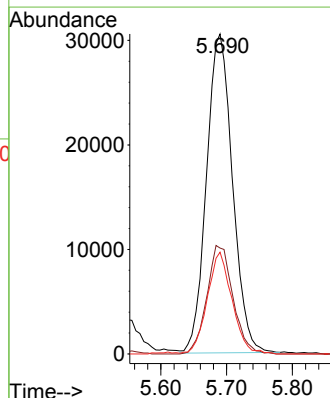
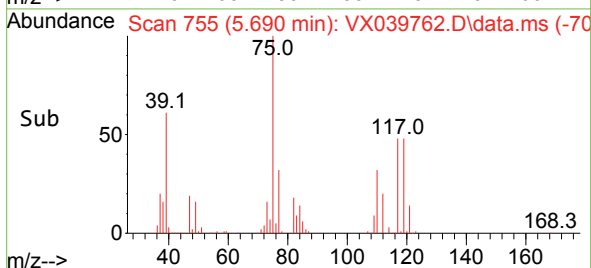
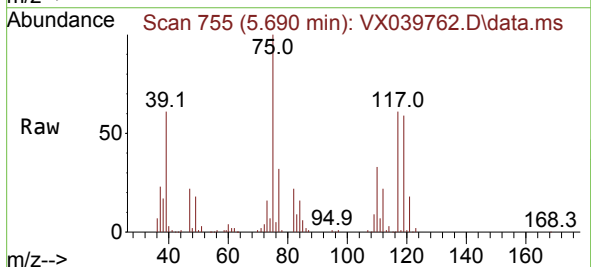


Tgt Ion:113 Resp: 58920  
Ion Ratio Lower Upper  
113 100  
111 100.9 82.9 124.3  
192 16.9 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 43.559 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

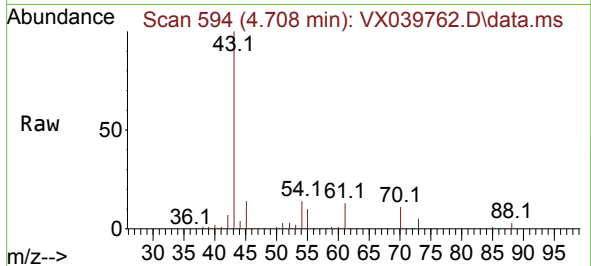
Tgt Ion: 75 Resp: 84056  
Ion Ratio Lower Upper  
75 100  
110 34.1 17.0 50.9  
77 30.4 24.7 37.1



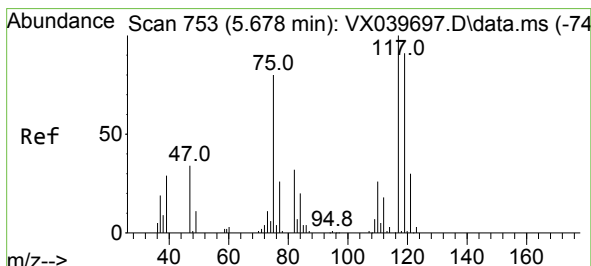
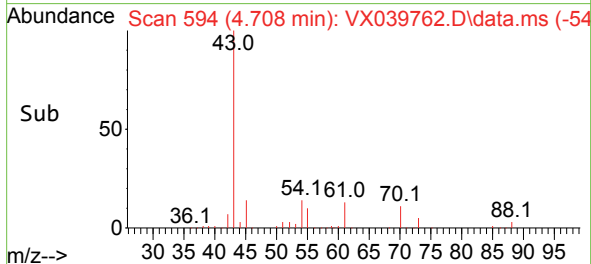
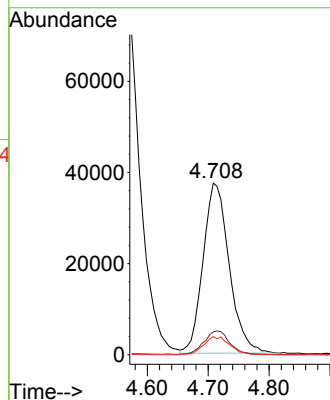


#37  
Ethyl Acetate  
Concen: 43.249 ug/l  
RT: 4.708 min Scan# 594  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Instrument :  
MSVOA\_X  
ClientSampleId :

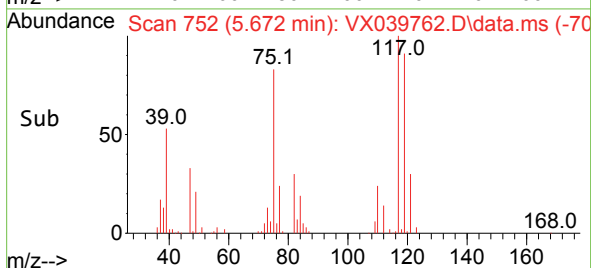
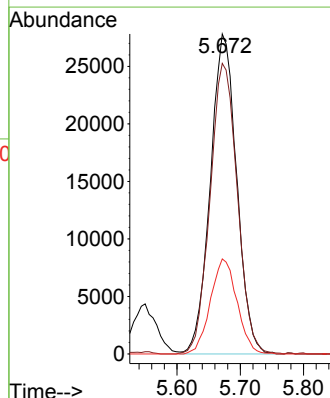
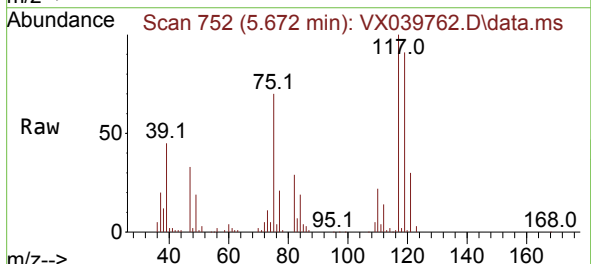


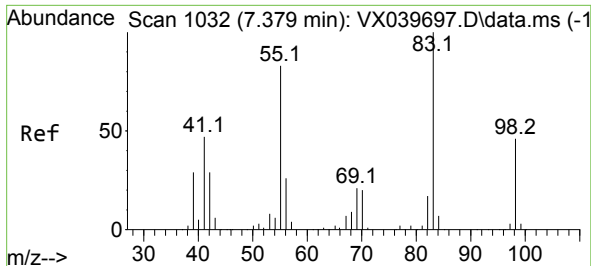
Tgt Ion: 43 Resp: 111339  
Ion Ratio Lower Upper  
43 100  
61 13.9 10.6 16.0  
70 10.4 8.3 12.5



#38  
Carbon Tetrachloride  
Concen: 45.484 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion: 117 Resp: 80388  
Ion Ratio Lower Upper  
117 100  
119 90.6 78.2 117.2  
121 29.7 24.4 36.6





#39

Methylcyclohexane

Concen: 43.795 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

ClientSampleId :

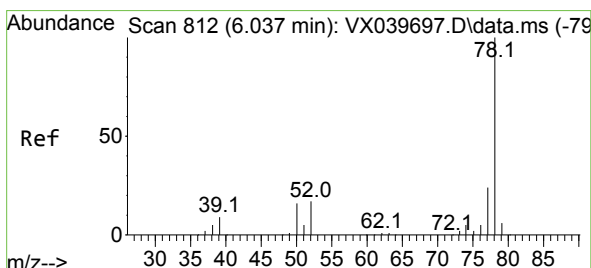
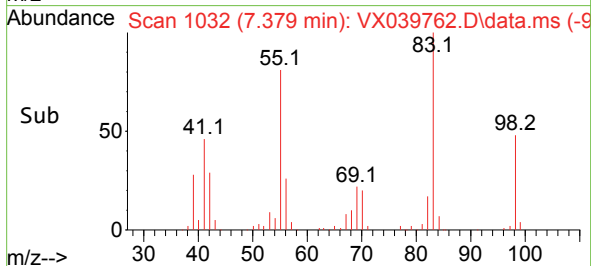
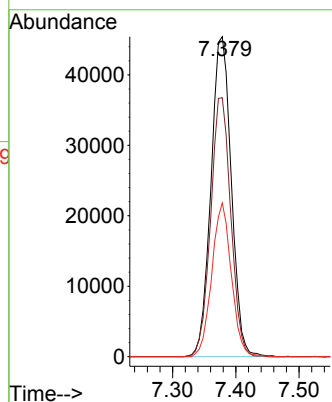
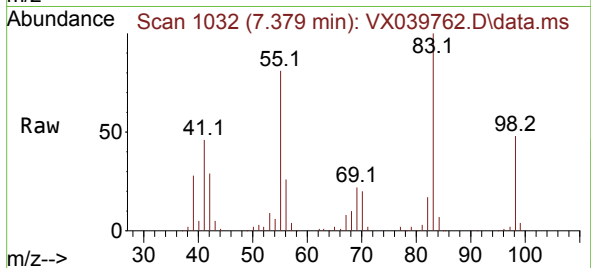
Tgt Ion: 83 Resp: 101483

Ion Ratio Lower Upper

83 100

55 81.0 64.6 97.0

98 48.0 36.7 55.1



#40

Benzene

Concen: 46.282 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX039762.D

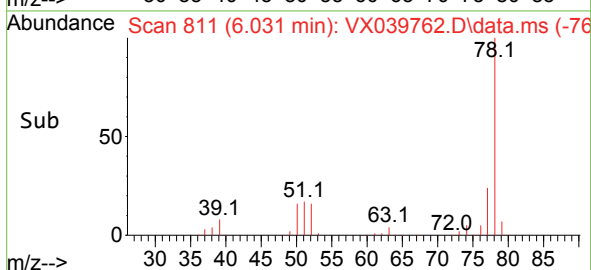
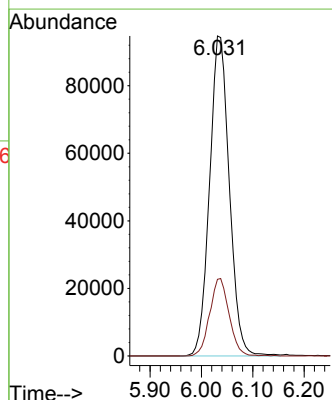
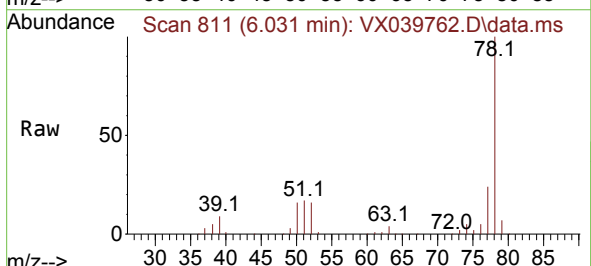
Acq: 15 Jan 2024 17:49

Tgt Ion: 78 Resp: 252894

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

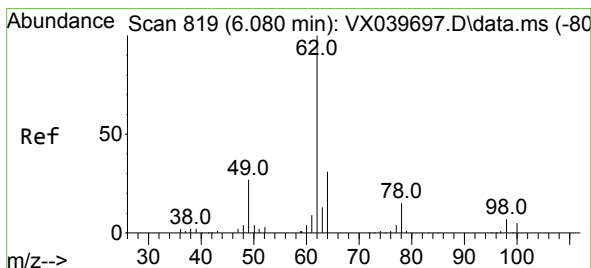
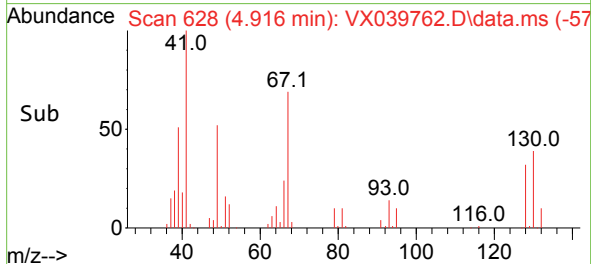
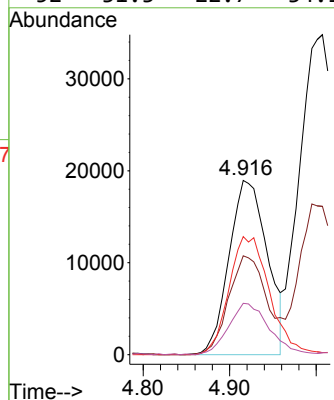
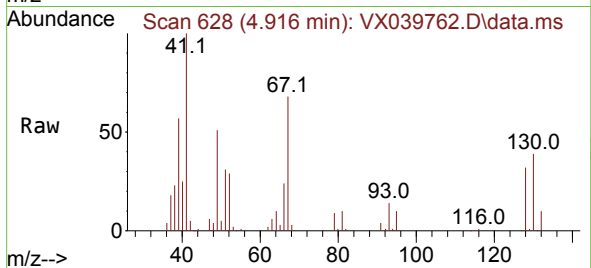




#41  
Methacrylonitrile  
Concen: 46.290 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

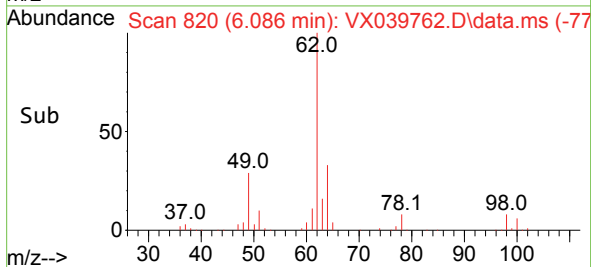
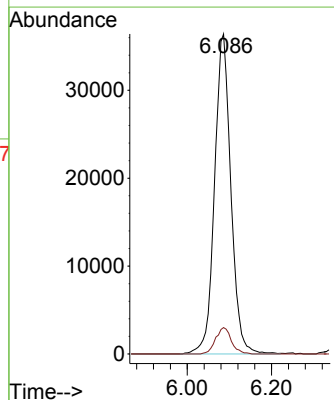
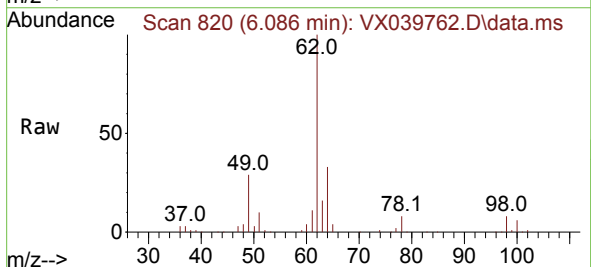
Instrument :  
MSVOA\_X  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 58274 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.8  | 45.2  | 67.8  |
| 67       | 72.1  | 52.6  | 78.8  |
| 52       | 31.3  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 47.085 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 97815 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.0   | 0.0   | 16.0  |





#43

Isopropyl Acetate

Concen: 46.100 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

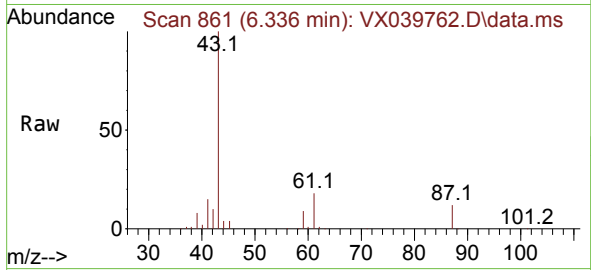
Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

ClientSampleId :



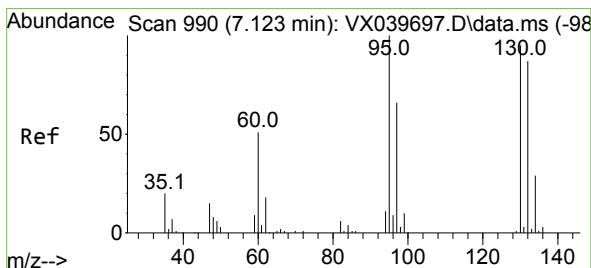
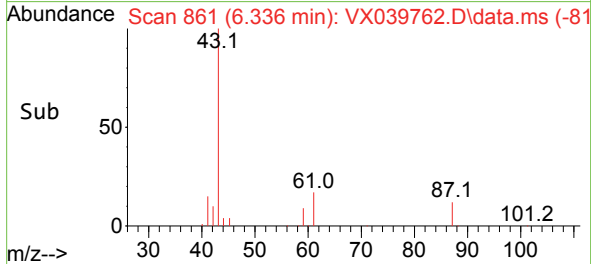
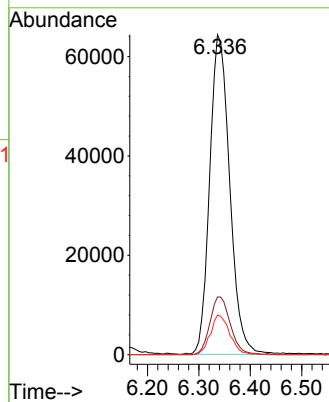
Tgt Ion: 43 Resp: 174093

Ion Ratio Lower Upper

43 100

61 18.4 15.2 22.8

87 12.0 9.8 14.6



#44

Trichloroethene

Concen: 46.635 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX039762.D

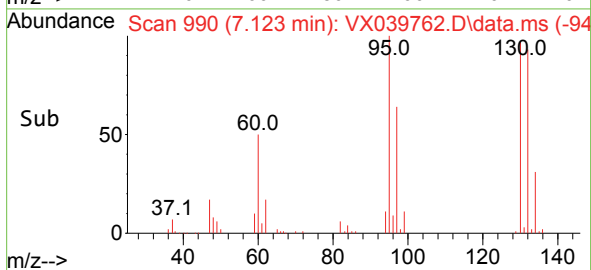
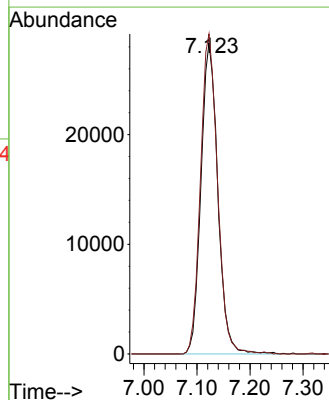
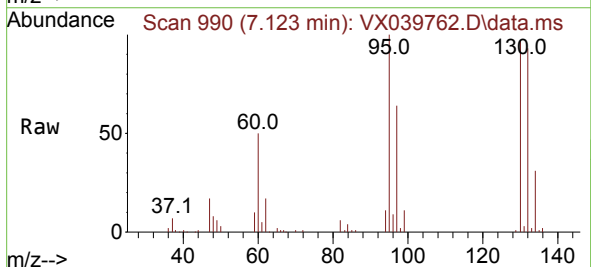
Acq: 15 Jan 2024 17:49

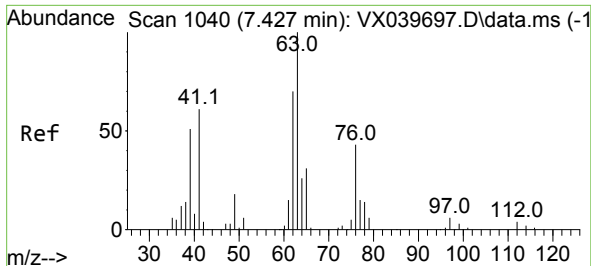
Tgt Ion:130 Resp: 62451

Ion Ratio Lower Upper

130 100

95 102.9 0.0 204.4

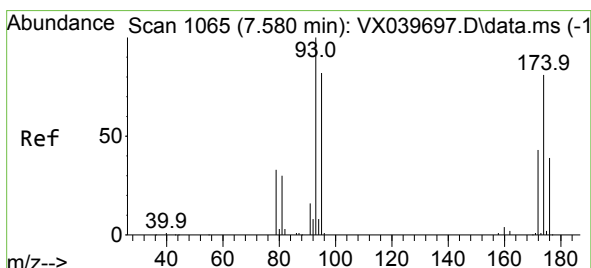
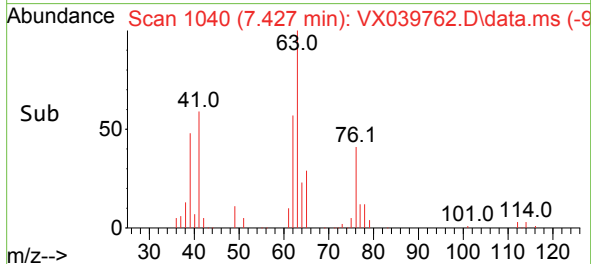
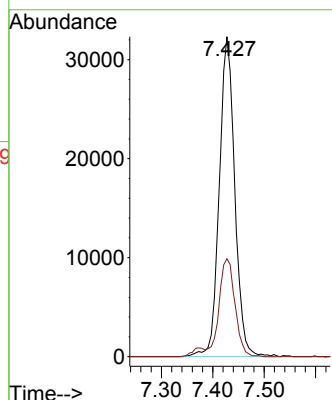
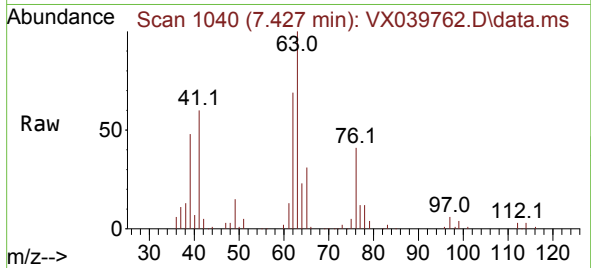




#45  
1,2-Dichloropropane  
Concen: 46.242 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

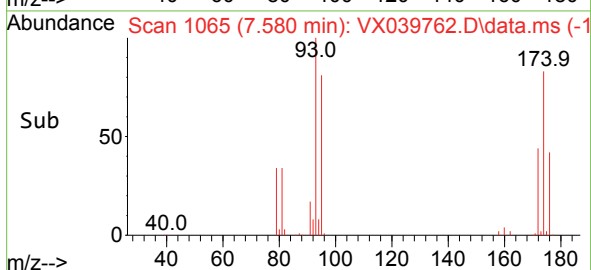
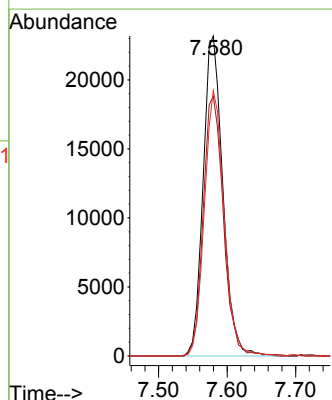
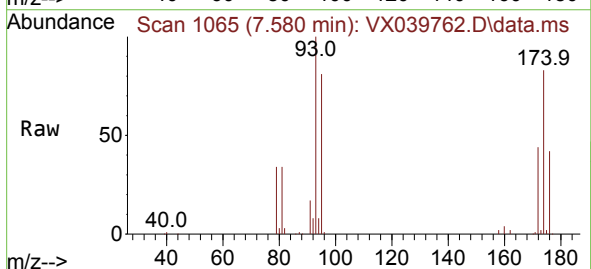
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 63 Resp: 67782  
Ion Ratio Lower Upper  
63 100  
65 30.6 24.3 36.5



#46  
Dibromomethane  
Concen: 45.728 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion: 93 Resp: 46297  
Ion Ratio Lower Upper  
93 100  
95 83.5 66.6 100.0  
174 83.5 69.4 104.0

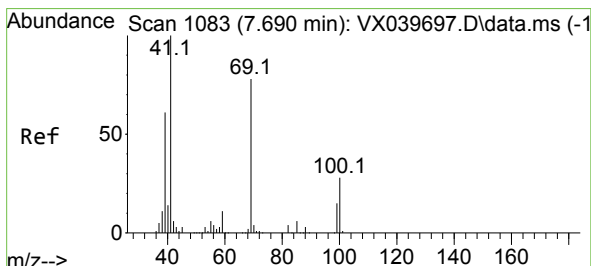
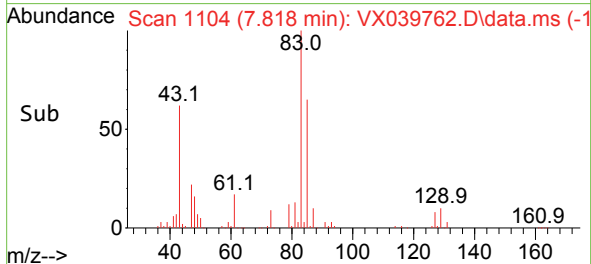
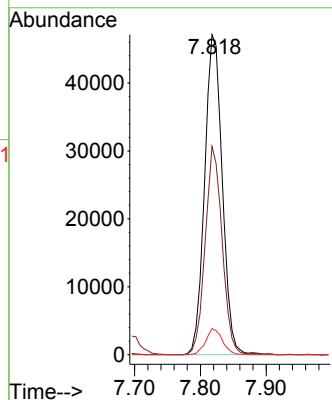
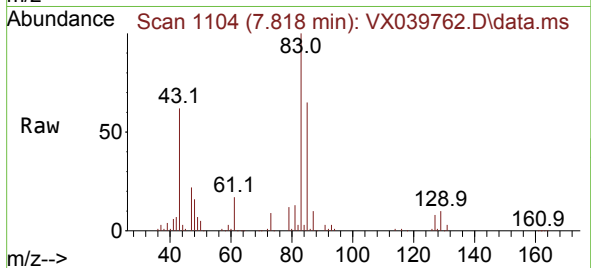




#47  
Bromodichloromethane  
Concen: 46.923 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

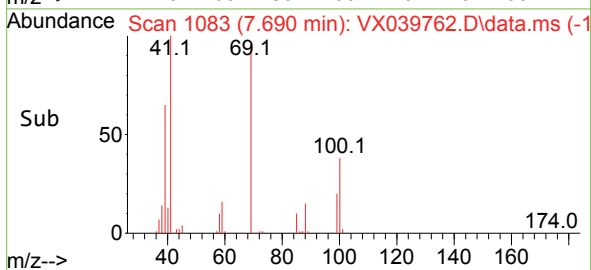
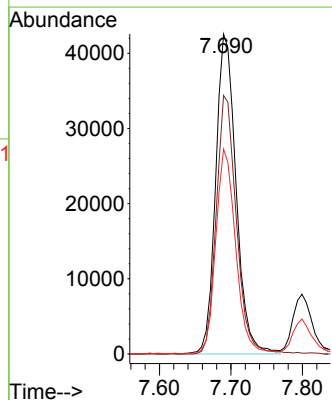
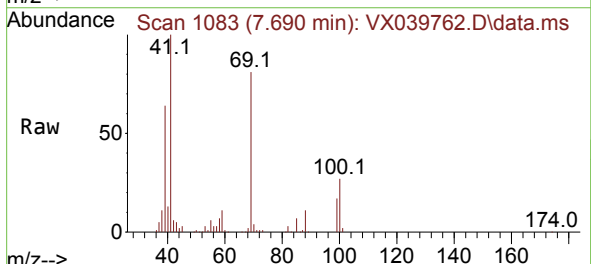
Instrument :  
MSVOA\_X  
ClientSampleId :

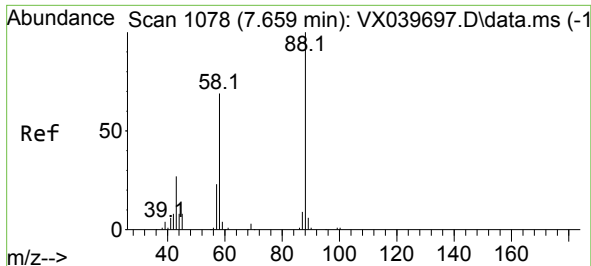
Tgt Ion: 83 Resp: 87984  
Ion Ratio Lower Upper  
83 100  
85 65.1 49.8 74.6  
127 8.1 7.1 10.7



#48  
Methyl methacrylate  
Concen: 45.467 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion: 41 Resp: 84398  
Ion Ratio Lower Upper  
41 100  
69 79.6 59.2 88.8  
39 62.6 47.7 71.5

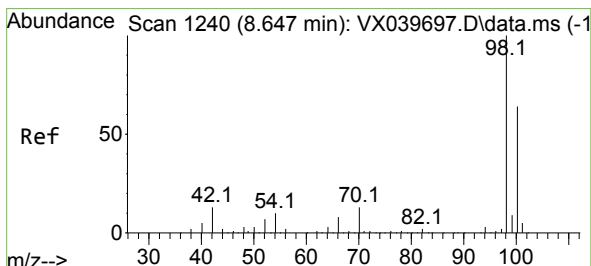
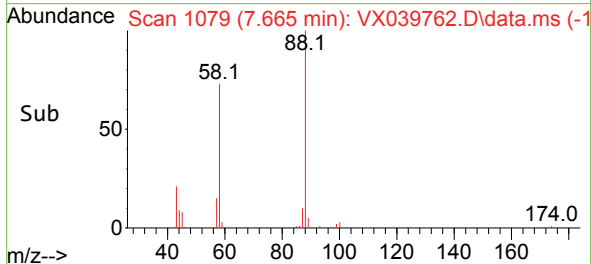
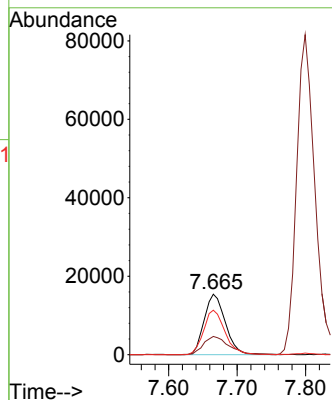
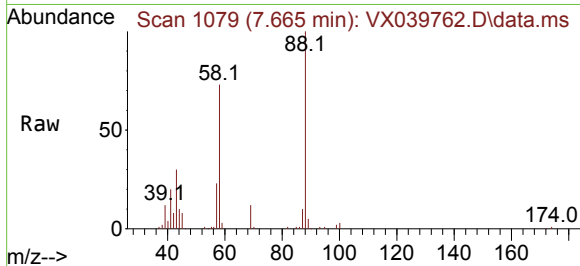




#49  
1,4-Dioxane  
Concen: 925.803 ug/l  
RT: 7.665 min Scan# 1078  
Delta R.T. 0.006 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

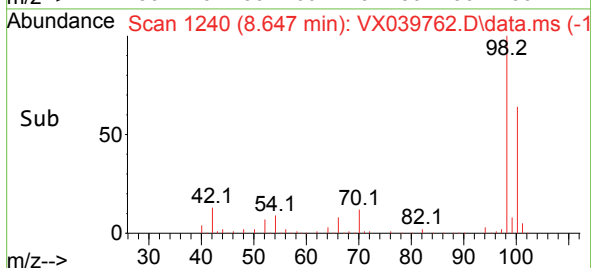
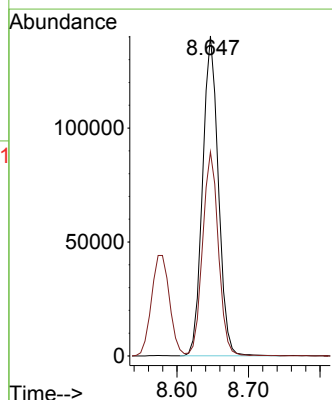
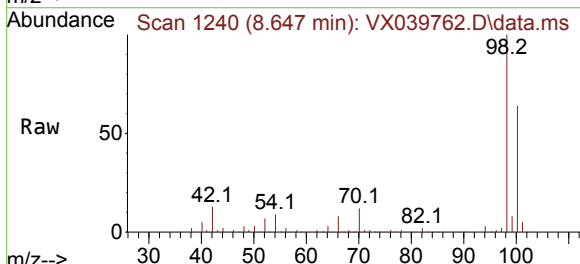
Instrument :  
MSVOA\_X  
ClientSampleId :

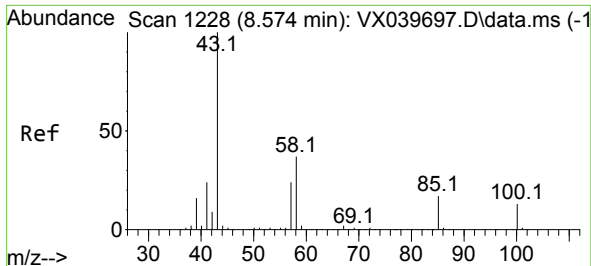
Tgt Ion: 88 Resp: 33253  
Ion Ratio Lower Upper  
88 100  
43 35.6 0.0 0.0#  
58 74.1 60.1 90.1



#50  
Toluene-d8  
Concen: 45.920 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion: 98 Resp: 214709  
Ion Ratio Lower Upper  
98 100  
100 63.8 53.1 79.7

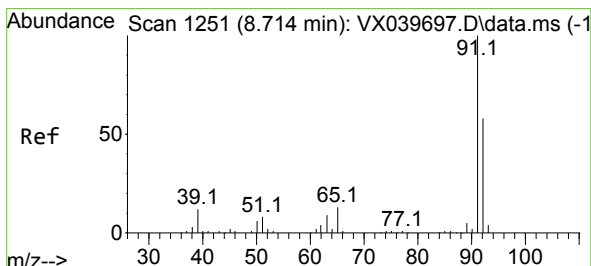
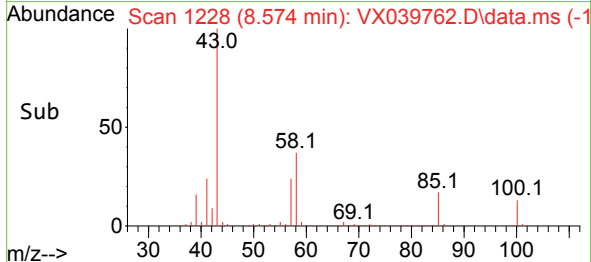
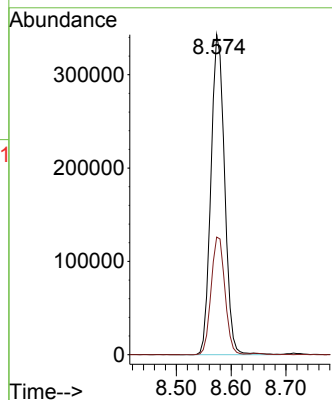
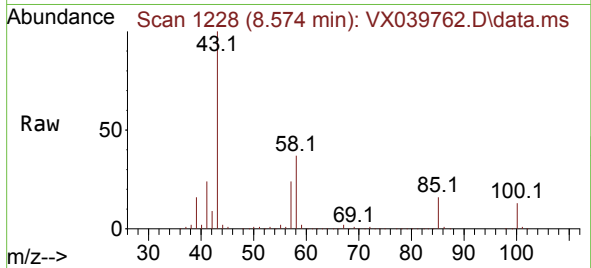




#51  
4-Methyl-2-Pentanone  
Concen: 227.520 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

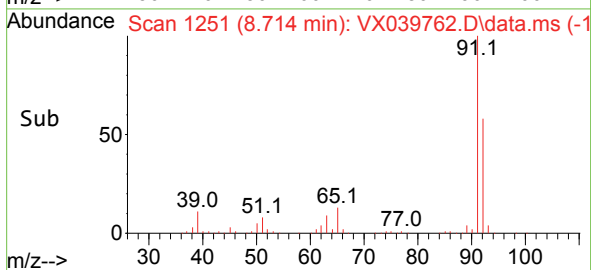
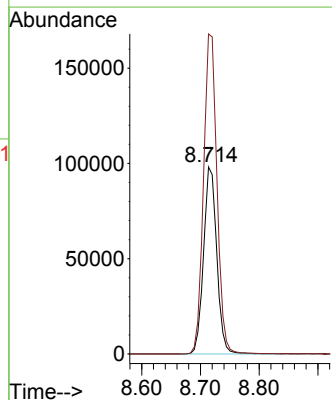
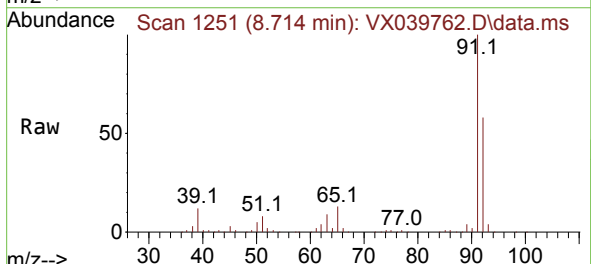
Instrument :  
MSVOA\_X  
ClientSampleId :

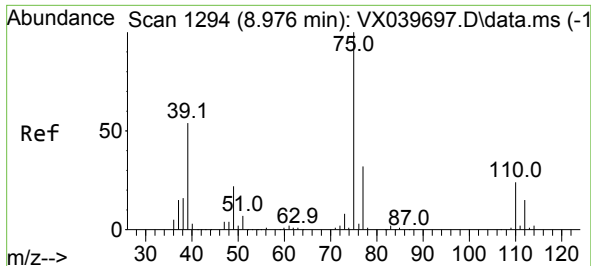
Tgt Ion: 43 Resp: 591756  
Ion Ratio Lower Upper  
43 100  
58 37.1 30.4 45.6



#52  
Toluene  
Concen: 46.994 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion: 92 Resp: 153376  
Ion Ratio Lower Upper  
92 100  
91 174.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 46.401 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

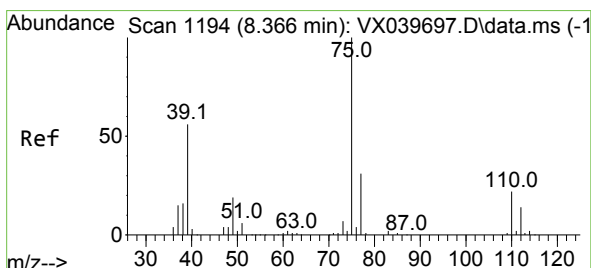
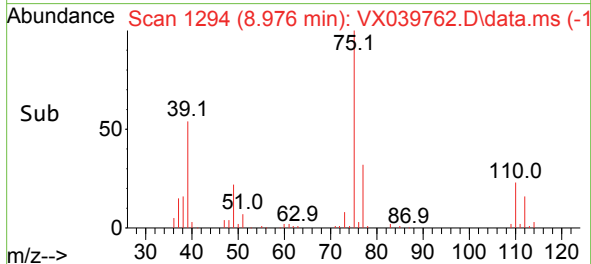
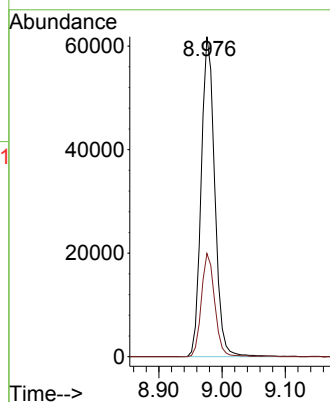
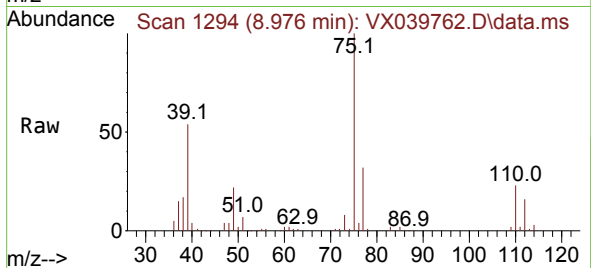
ClientSampleId :

Tgt Ion: 75 Resp: 92324

Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 46.703 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

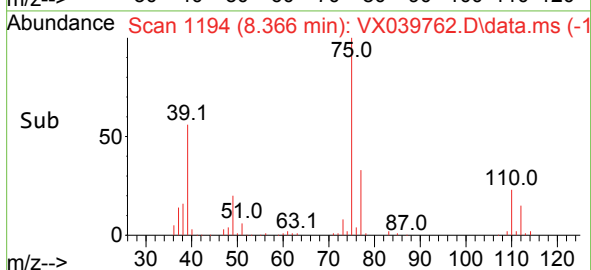
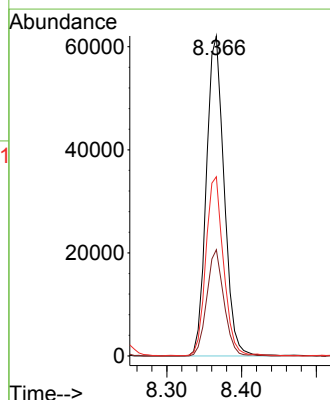
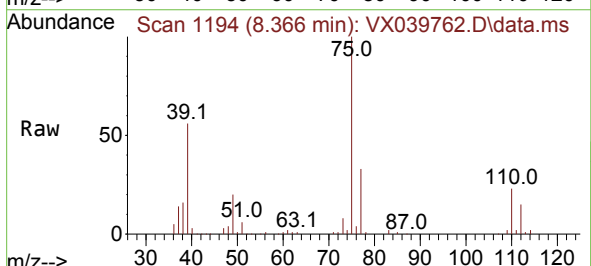
Tgt Ion: 75 Resp: 102177

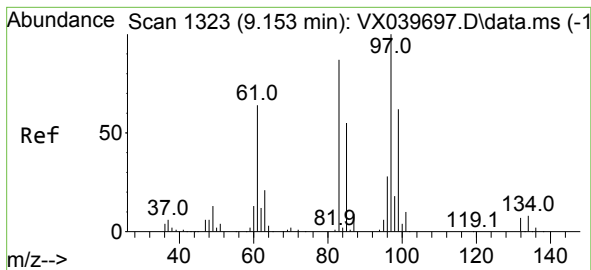
Ion Ratio Lower Upper

75 100

77 33.2 25.3 37.9

39 55.9 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 46.324 ug/l

RT: 9.153 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 64369

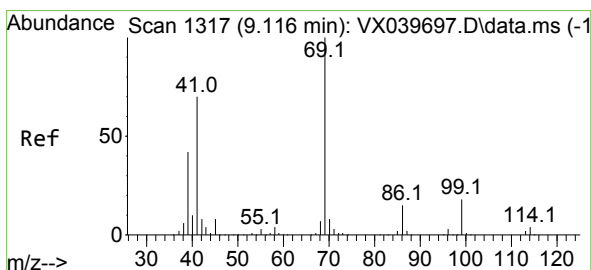
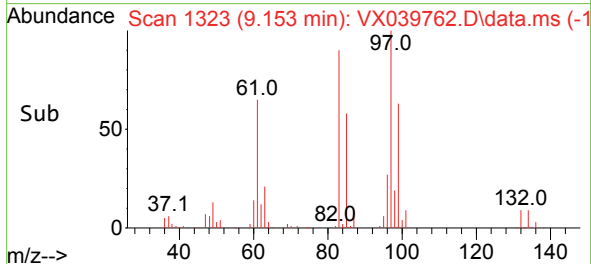
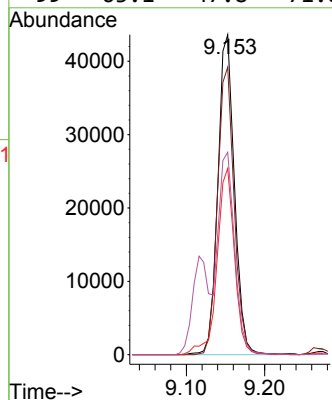
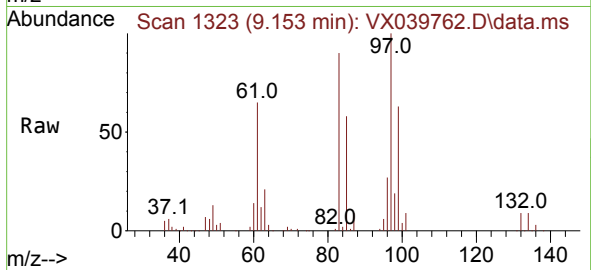
Ion Ratio Lower Upper

97 100

83 89.9 65.8 98.8

85 58.2 41.6 62.4

99 63.1 47.8 71.8



#56

Ethyl methacrylate

Concen: 47.852 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

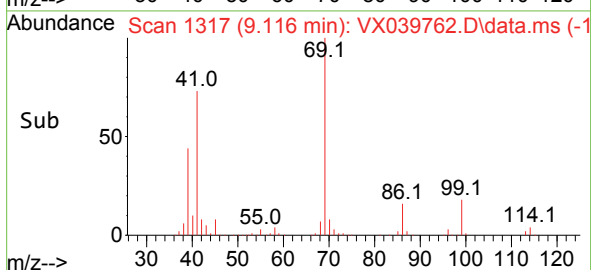
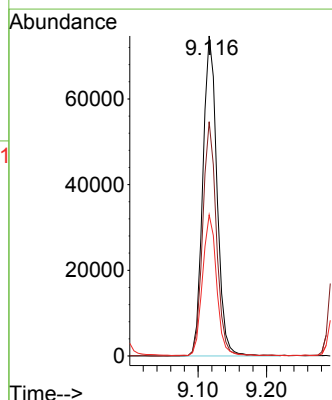
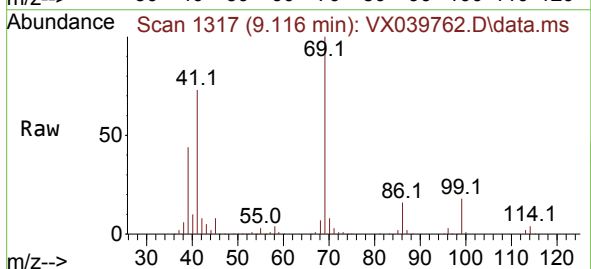
Tgt Ion: 69 Resp: 107617

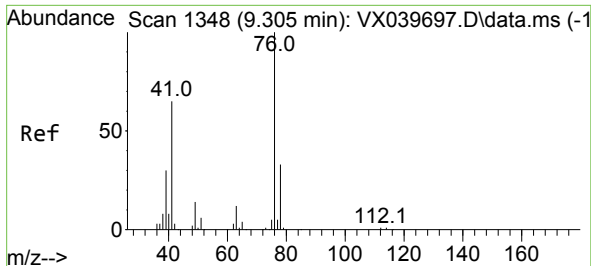
Ion Ratio Lower Upper

69 100

41 71.0 56.8 85.2

39 43.5 32.0 48.0





#57

1,3-Dichloropropane

Concen: 46.901 ug/l

RT: 9.305 min Scan# 110442

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

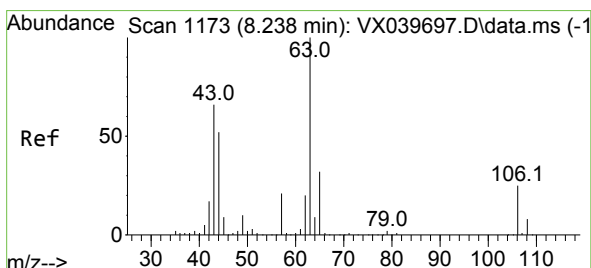
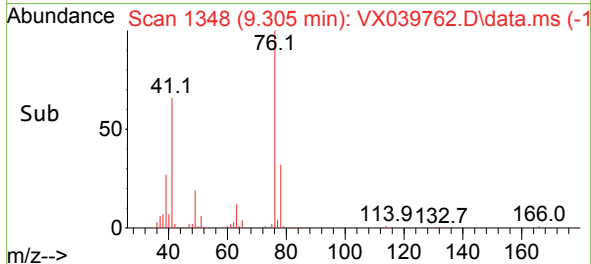
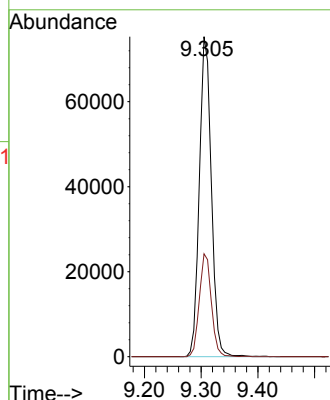
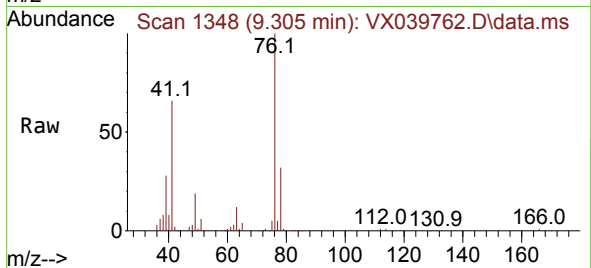
ClientSampleId :

Tgt Ion: 76 Resp: 110442

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 243.237 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX039762.D

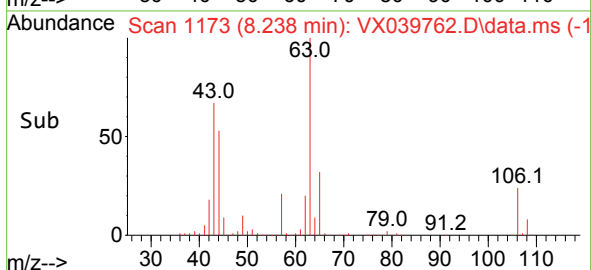
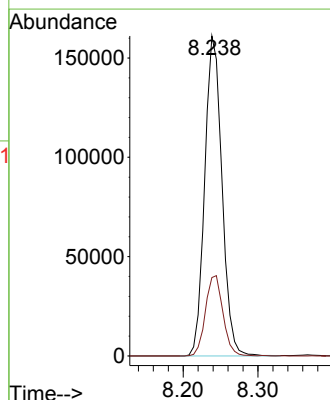
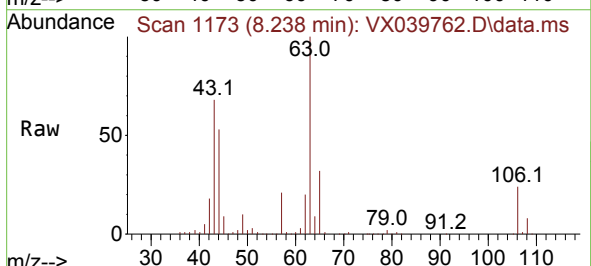
Acq: 15 Jan 2024 17:49

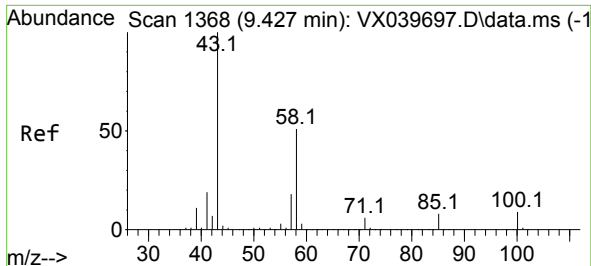
Tgt Ion: 63 Resp: 258567

Ion Ratio Lower Upper

63 100

106 25.5 22.5 33.7

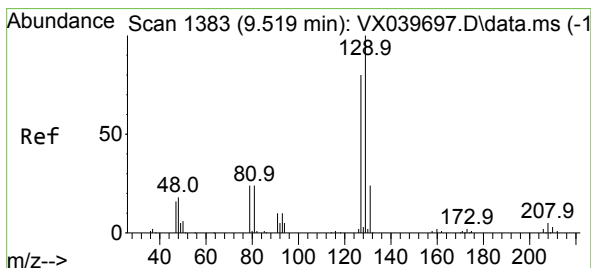
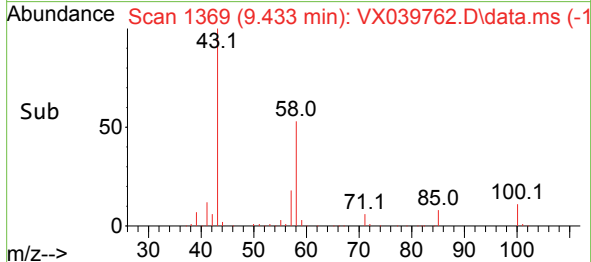
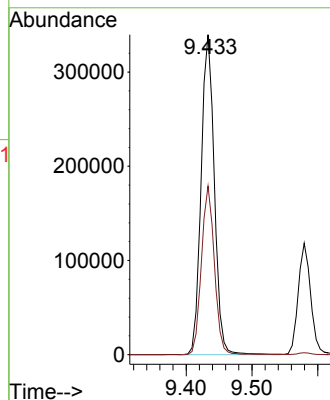
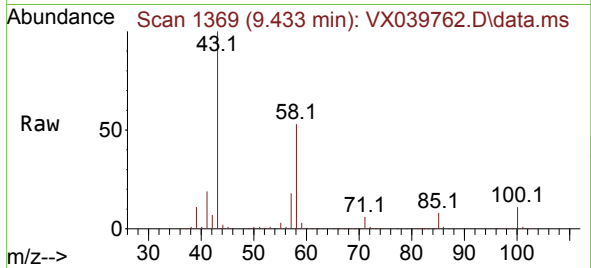




#59  
2-Hexanone  
Concen: 229.997 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

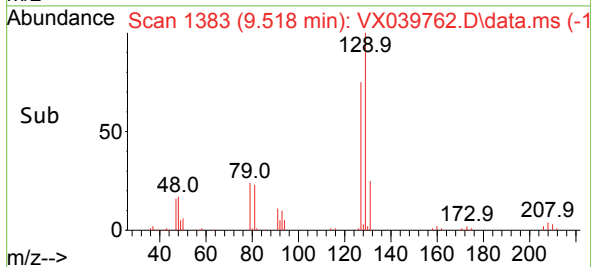
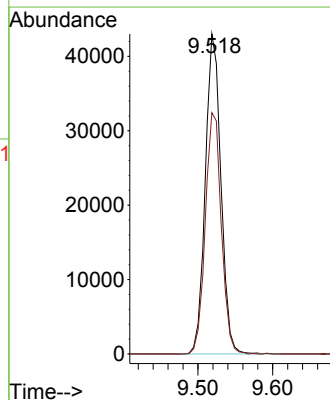
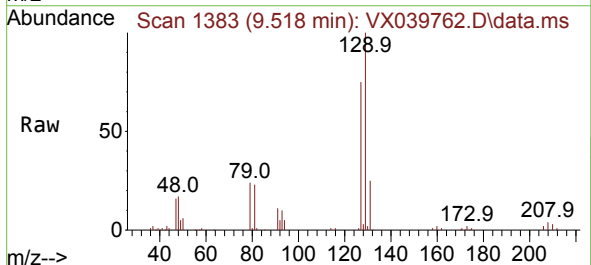
Instrument :  
MSVOA\_X  
ClientSampleId :

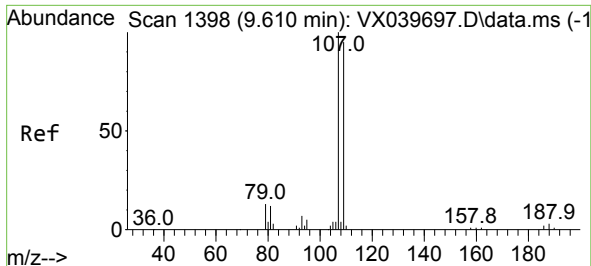
Tgt Ion: 43 Resp: 473441  
Ion Ratio Lower Upper  
43 100  
58 52.0 26.2 78.5



#60  
Dibromochloromethane  
Concen: 47.480 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion:129 Resp: 62219  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.8 116.4

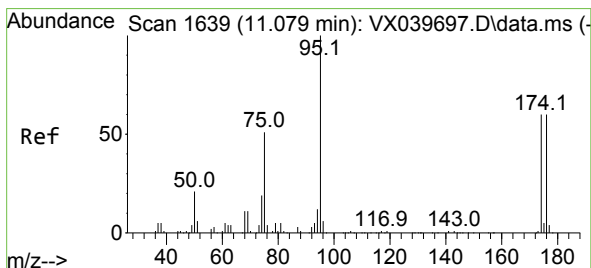
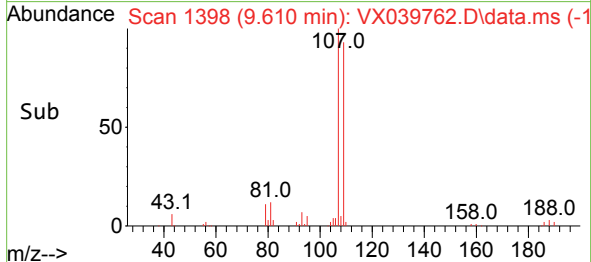
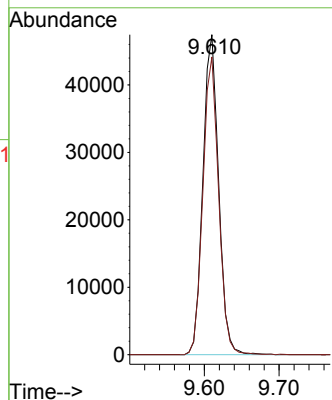
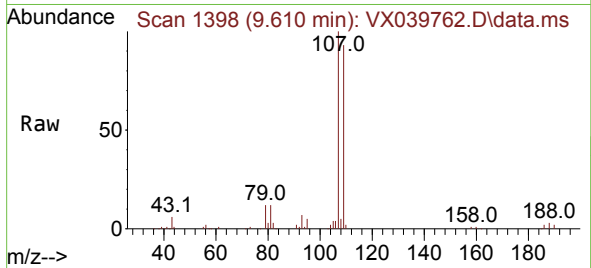




#61  
1,2-Dibromoethane  
Concen: 48.081 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

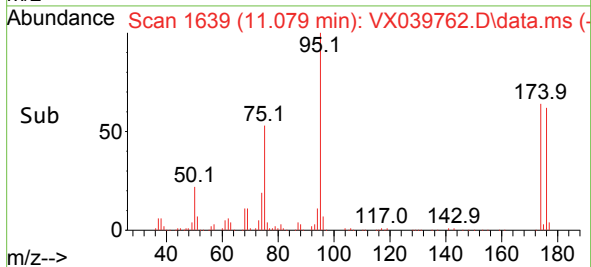
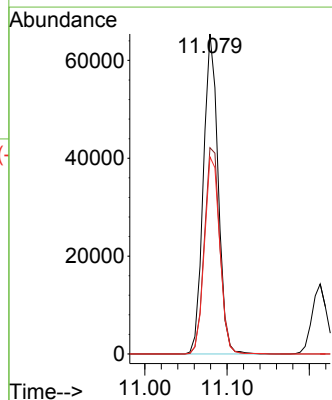
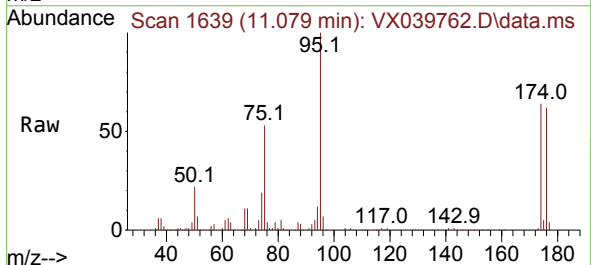
Instrument :  
MSVOA\_X  
ClientSampleId :

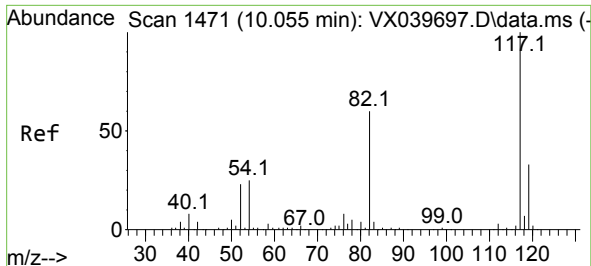
Tgt Ion:107 Resp: 69187  
Ion Ratio Lower Upper  
107 100  
109 93.4 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 44.663 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

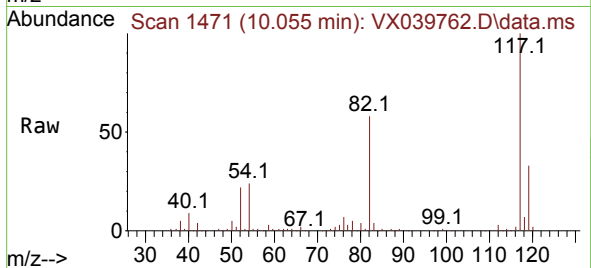
Tgt Ion: 95 Resp: 81664  
Ion Ratio Lower Upper  
95 100  
174 67.6 0.0 135.6  
176 64.3 0.0 131.0



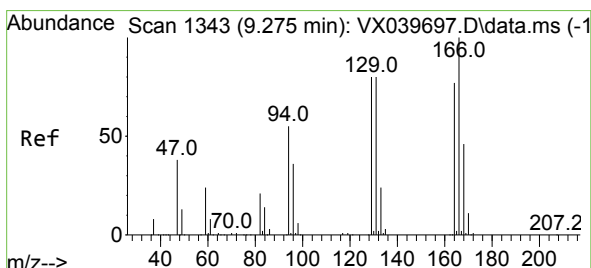
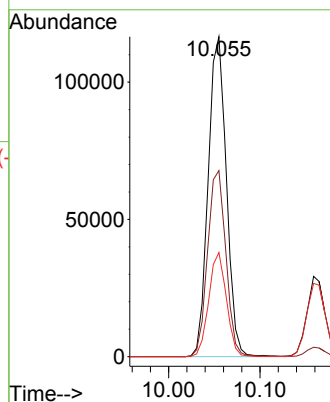
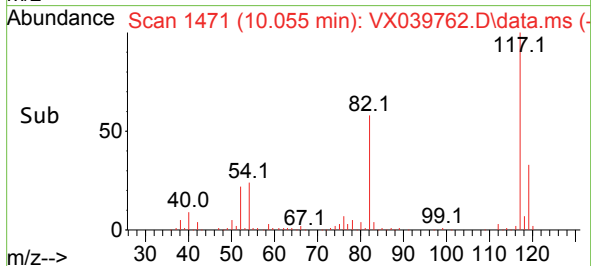


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

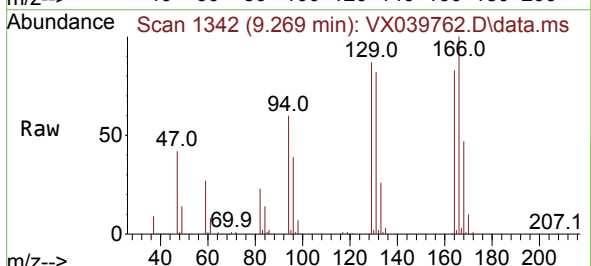
Instrument :  
MSVOA\_X  
ClientSampleId :



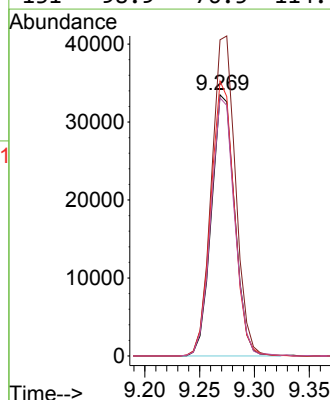
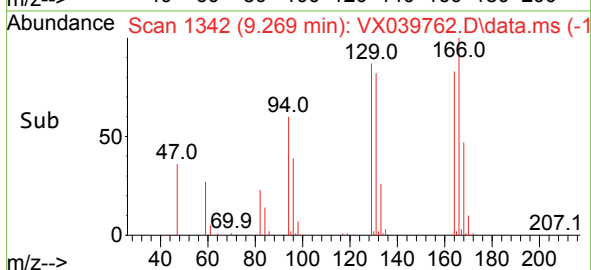
Tgt Ion:117 Resp: 160969  
Ion Ratio Lower Upper  
117 100  
82 58.2 46.2 69.4  
119 32.6 25.5 38.3

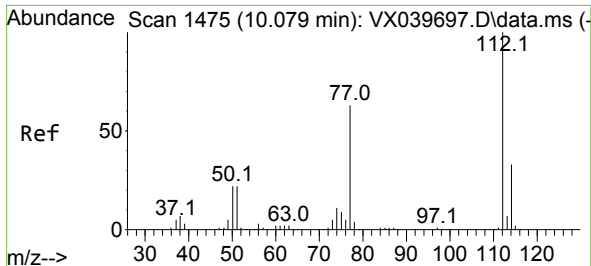


#64  
Tetrachloroethene  
Concen: 47.145 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49



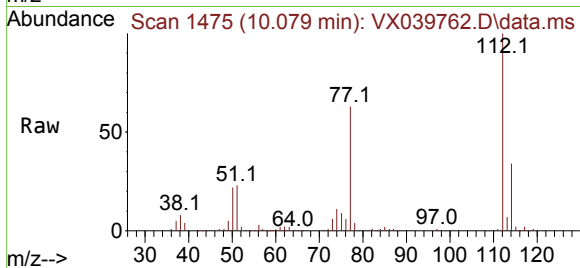
Tgt Ion:164 Resp: 49350  
Ion Ratio Lower Upper  
164 100  
166 121.1 102.7 154.1  
129 105.3 80.4 120.6  
131 98.9 76.5 114.7



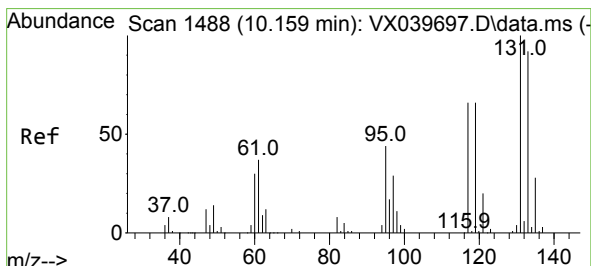
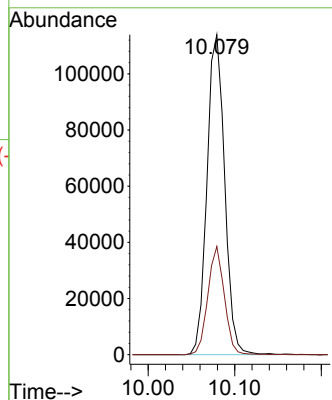
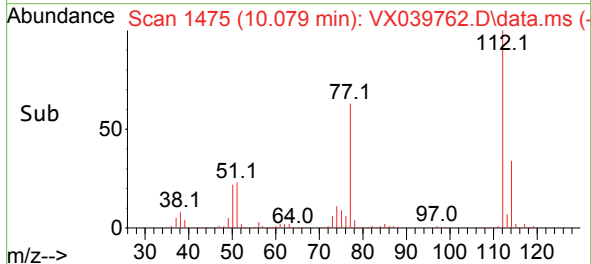


#65  
Chlorobenzene  
Concen: 48.206 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Instrument :  
MSVOA\_X  
ClientSampleId :

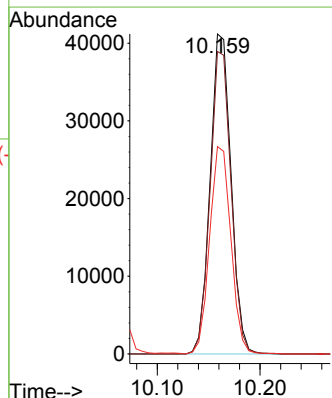
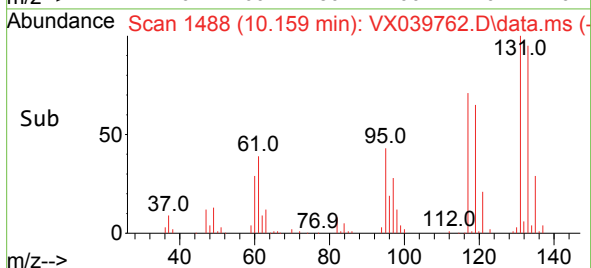
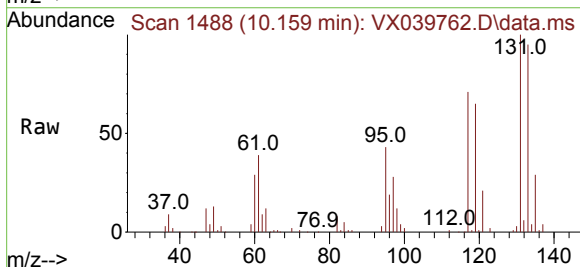


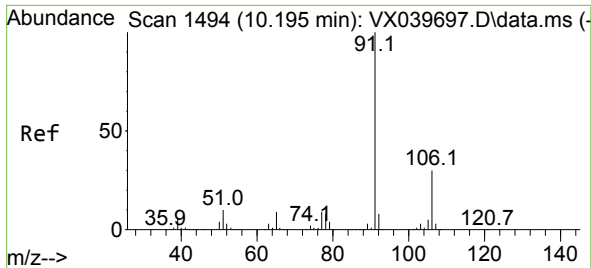
Tgt Ion:112 Resp: 161616  
Ion Ratio Lower Upper  
112 100  
114 33.8 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.961 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion:131 Resp: 58176  
Ion Ratio Lower Upper  
131 100  
133 94.5 47.1 141.4  
119 65.8 32.2 96.6

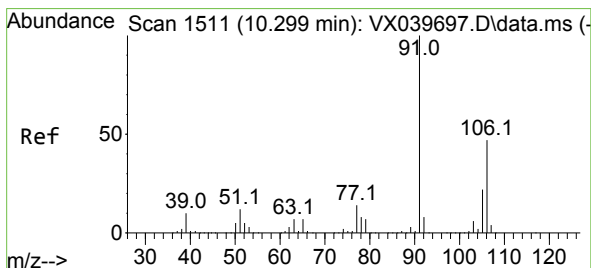
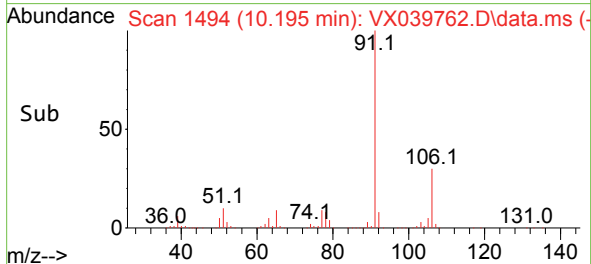
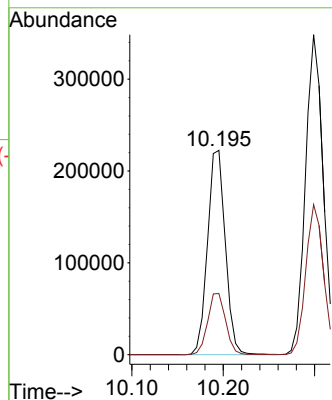
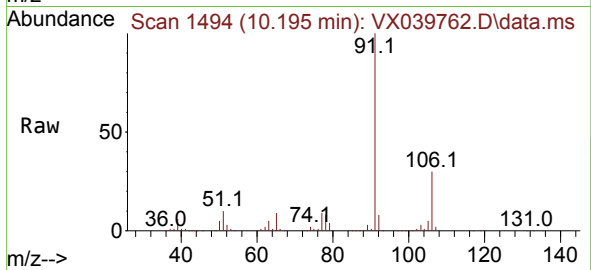




#67  
Ethyl Benzene  
Concen: 48.243 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

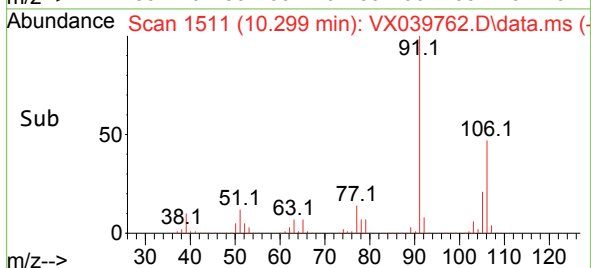
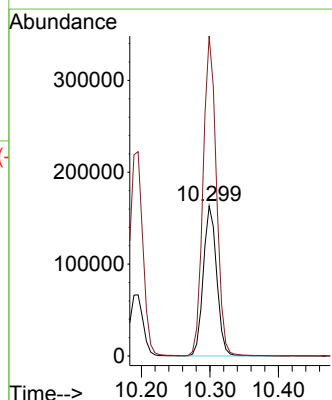
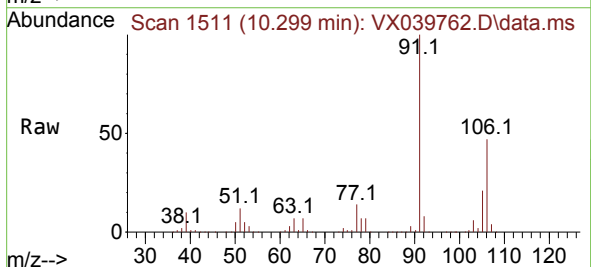
Instrument :  
MSVOA\_X  
ClientSampleId :

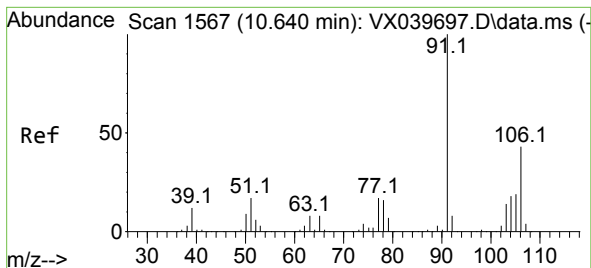
Tgt Ion: 91 Resp: 300279  
Ion Ratio Lower Upper  
91 100  
106 30.0 24.9 37.3



#68  
m/p-Xylenes  
Concen: 97.205 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion:106 Resp: 222514  
Ion Ratio Lower Upper  
106 100  
91 212.0 165.5 248.3

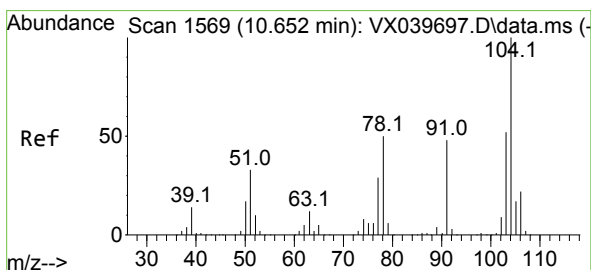
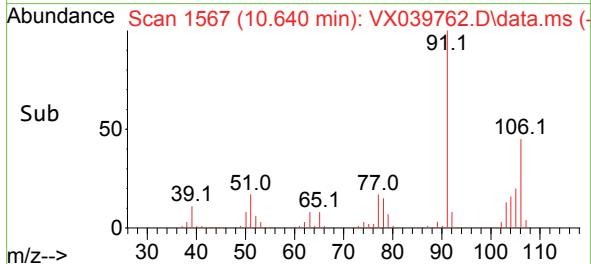
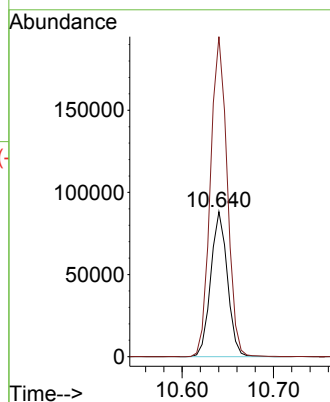
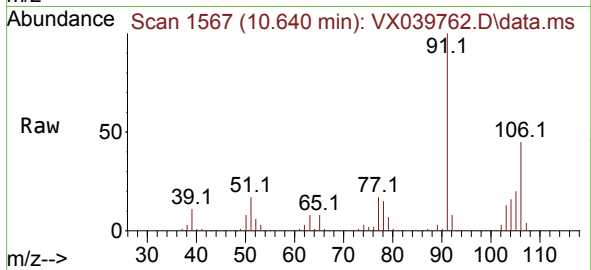




#69  
o-Xylene  
Concen: 49.142 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

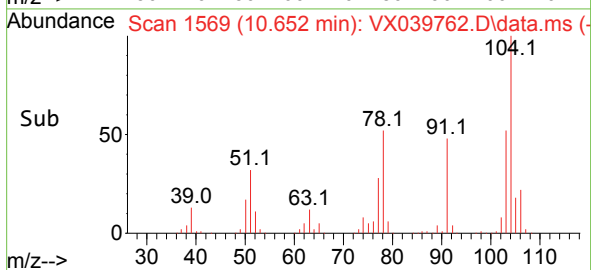
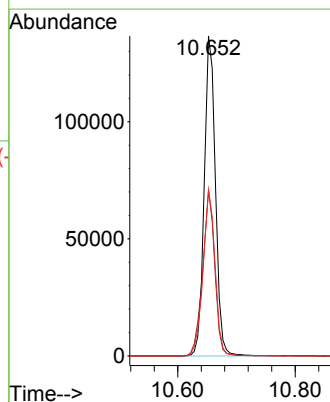
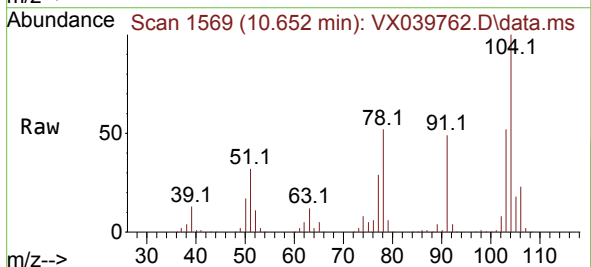
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:106 Resp: 111403  
Ion Ratio Lower Upper  
106 100  
91 222.8 108.9 326.8



#70  
Styrene  
Concen: 49.061 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion:104 Resp: 181680  
Ion Ratio Lower Upper  
104 100  
78 55.8 43.6 65.4  
103 55.7 43.6 65.4





#71

Bromoform

Concen: 50.714 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039762.D

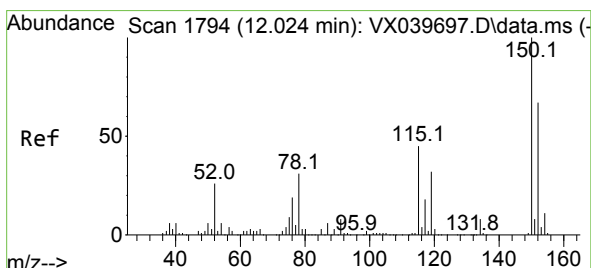
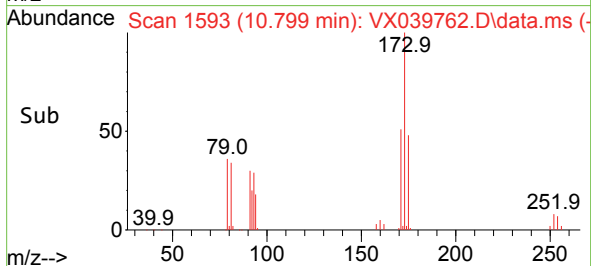
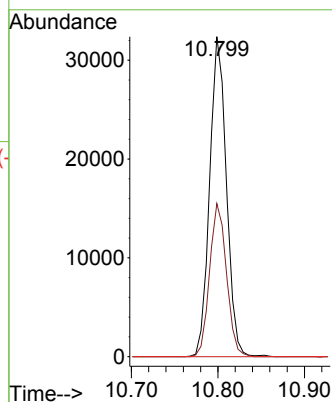
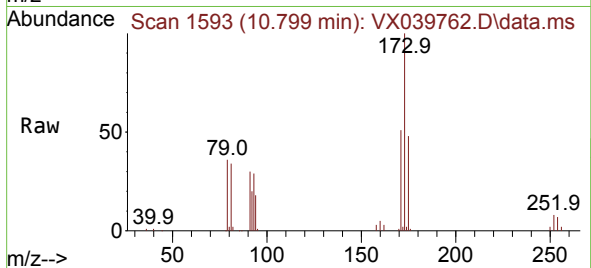
Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 43472 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.2  | 24.1  | 72.4  |
| 254       | 0.0   | 0.0   | 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

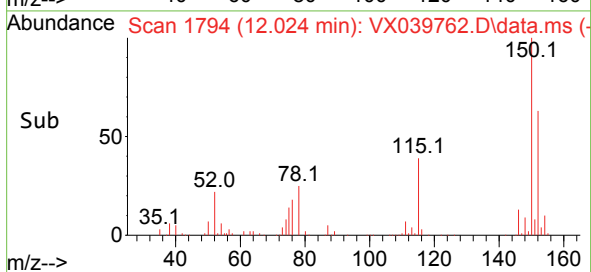
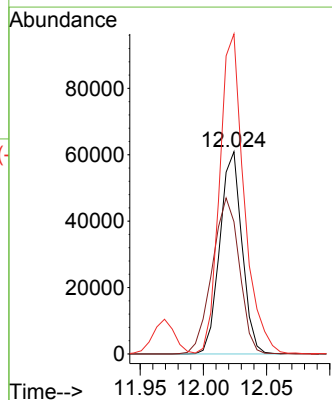
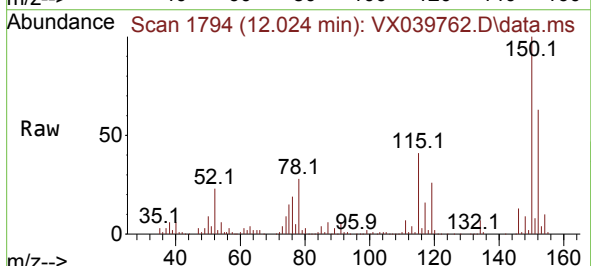
RT: 12.024 min Scan# 1794

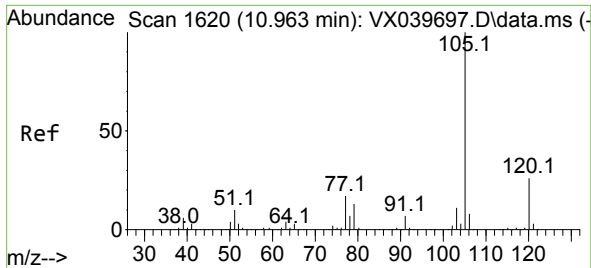
Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 74034 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 94.9  | 43.3  | 129.9 |
| 150       | 174.6 | 0.0   | 345.0 |

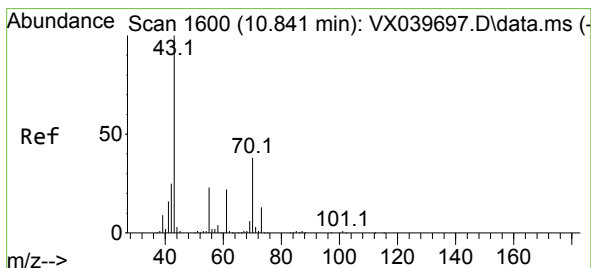
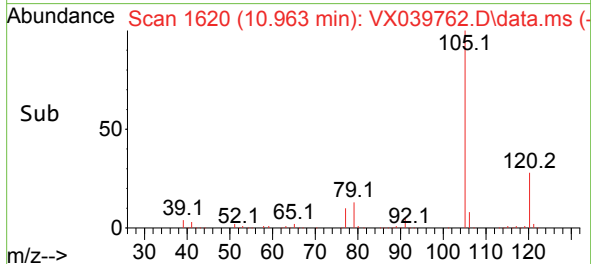
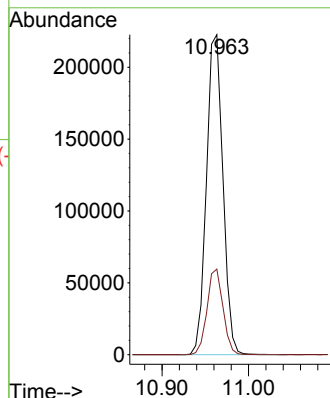
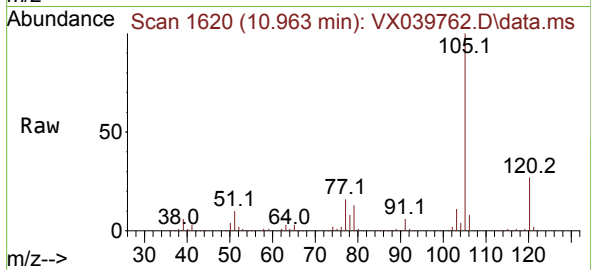




#73  
Isopropylbenzene  
Concen: 49.889 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

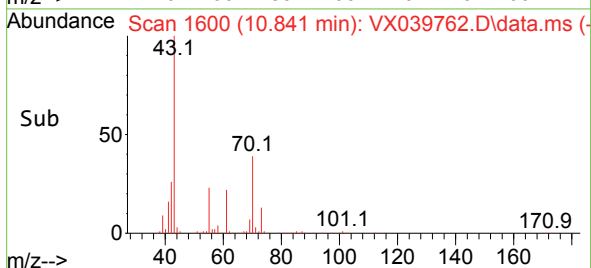
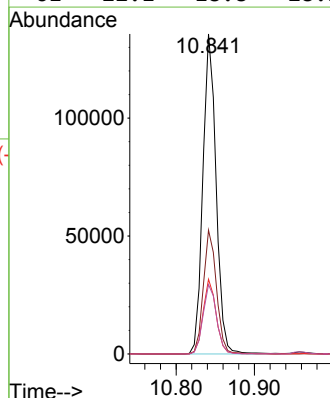
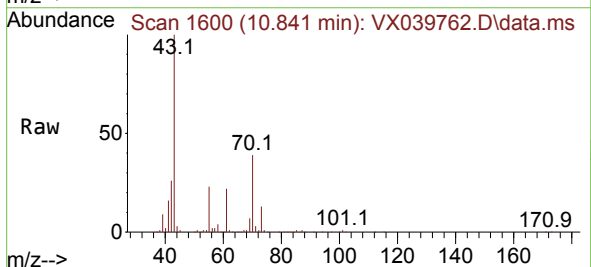
Instrument :  
MSVOA\_X  
ClientSampleId :

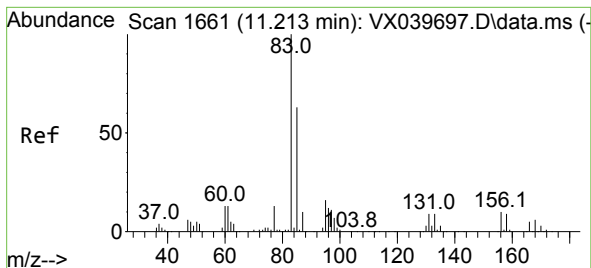
Tgt Ion:105 Resp: 294064  
Ion Ratio Lower Upper  
105 100  
120 25.9 12.9 38.6



#74  
N-ethyl acetate  
Concen: 51.758 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion: 43 Resp: 159025  
Ion Ratio Lower Upper  
43 100  
70 38.4 32.9 49.3  
55 23.2 19.3 28.9  
61 22.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.473 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

ClientSampleId :

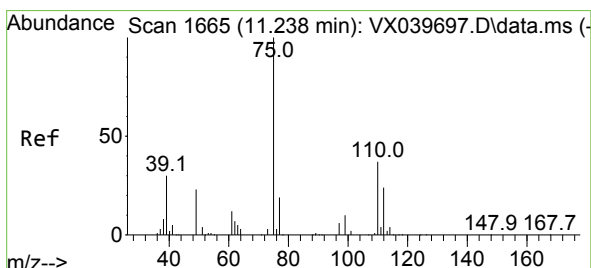
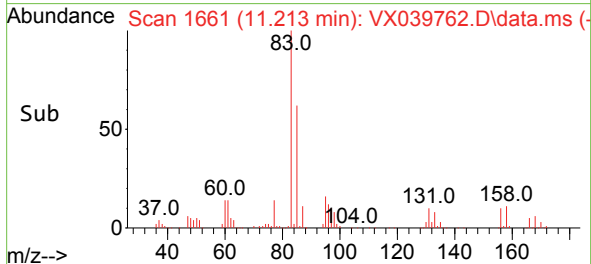
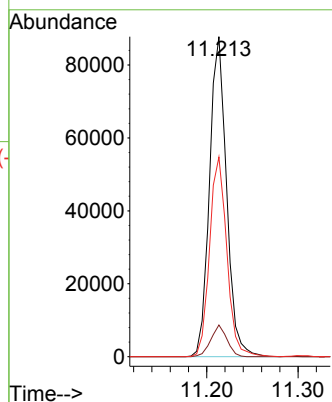
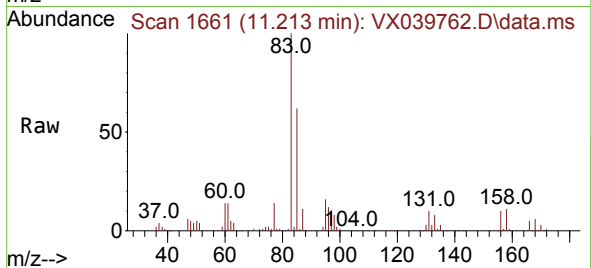
Tgt Ion: 83 Resp: 113604

Ion Ratio Lower Upper

83 100

131 9.3 5.3 15.8

85 63.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 64.387 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX039762.D

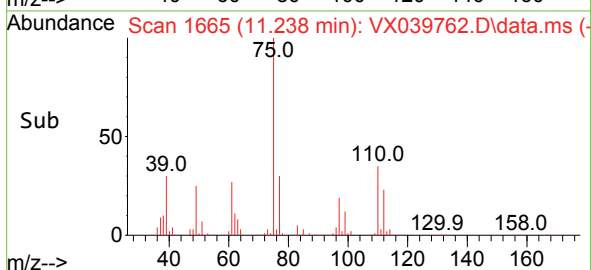
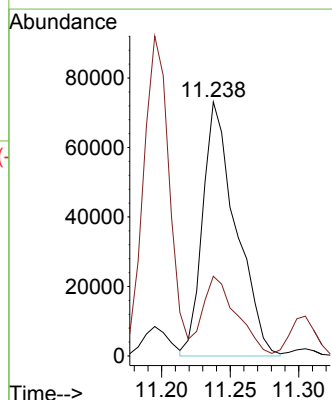
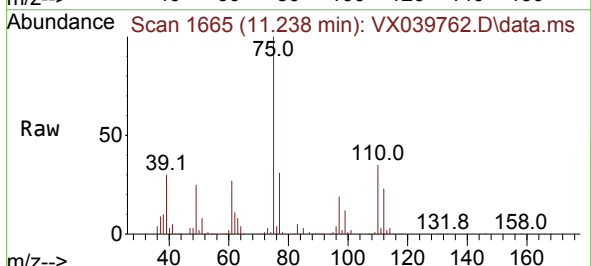
Acq: 15 Jan 2024 17:49

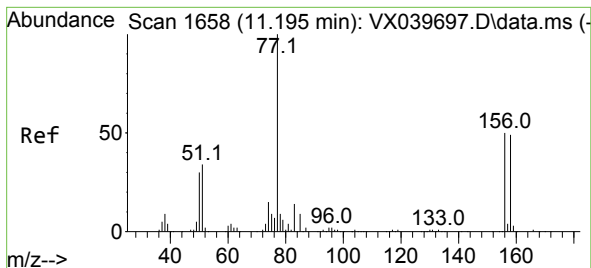
Tgt Ion: 75 Resp: 123585

Ion Ratio Lower Upper

75 100

77 32.1 19.1 57.5





#77

Bromobenzene

Concen: 49.559 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

ClientSampleId :

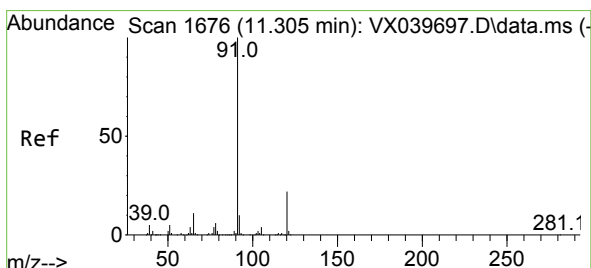
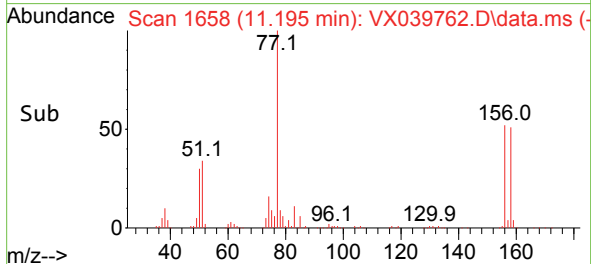
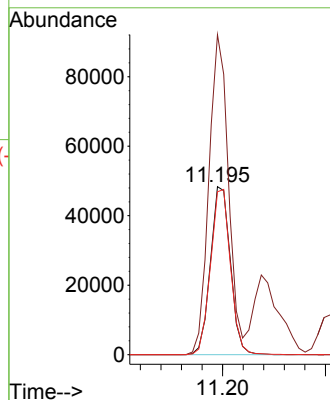
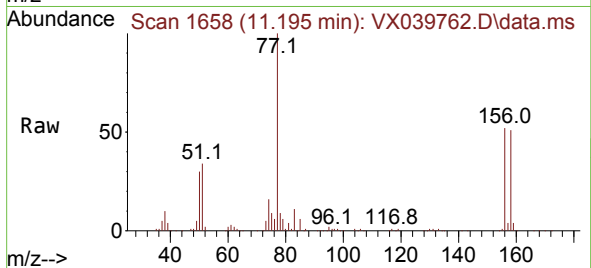
Tgt Ion:156 Resp: 65041

Ion Ratio Lower Upper

156 100

77 185.9 88.4 265.3

158 98.3 48.0 144.0



#78

n-propylbenzene

Concen: 49.103 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX039762.D

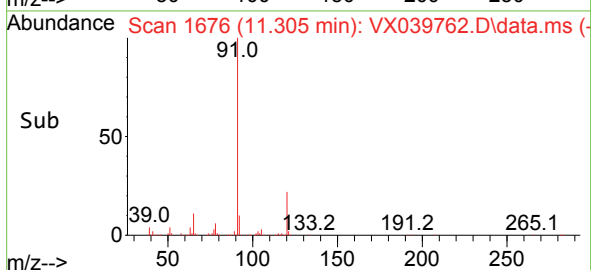
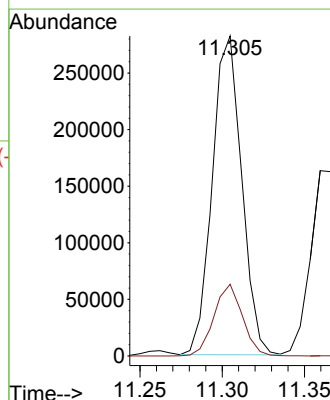
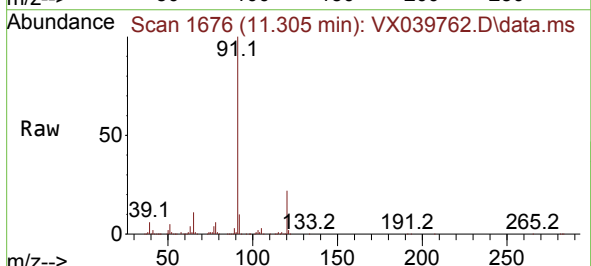
Acq: 15 Jan 2024 17:49

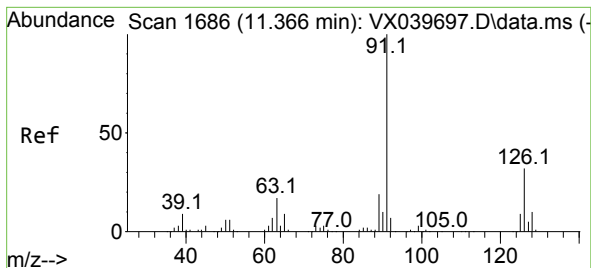
Tgt Ion: 91 Resp: 350309

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.235 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

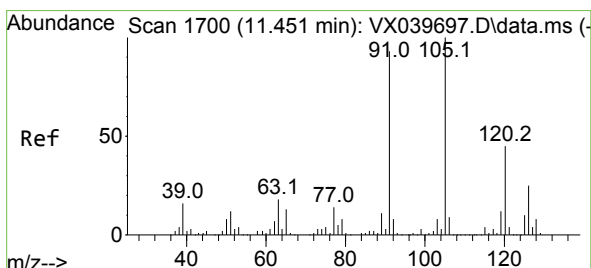
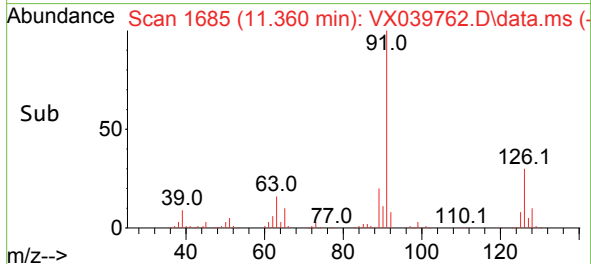
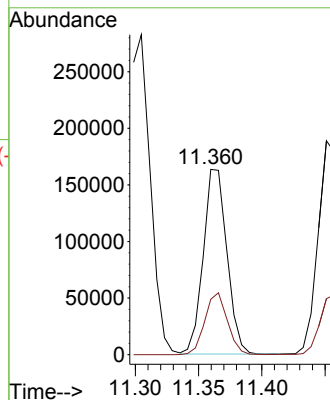
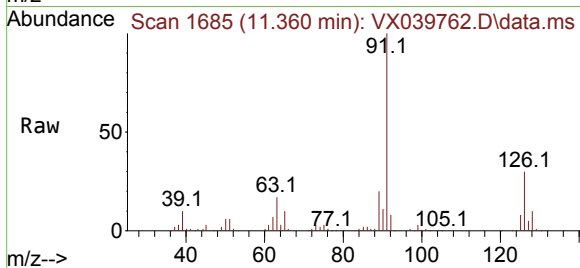
ClientSampleId :

Tgt Ion: 91 Resp: 212683

Ion Ratio Lower Upper

91 100

126 31.9 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 50.124 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039762.D

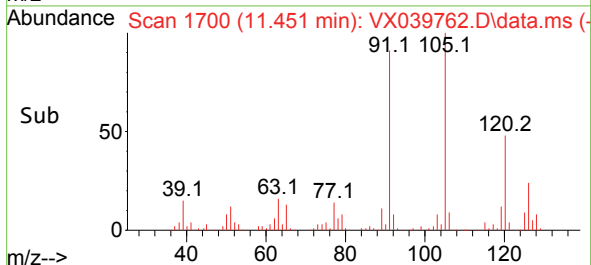
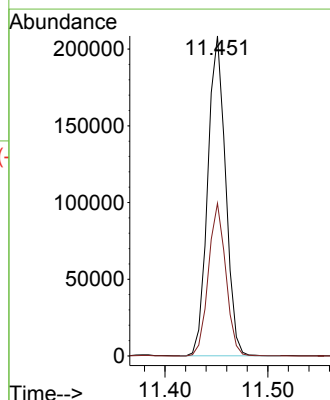
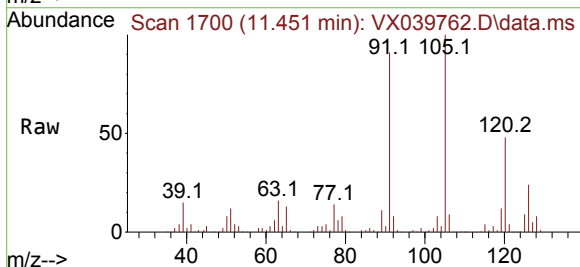
Acq: 15 Jan 2024 17:49

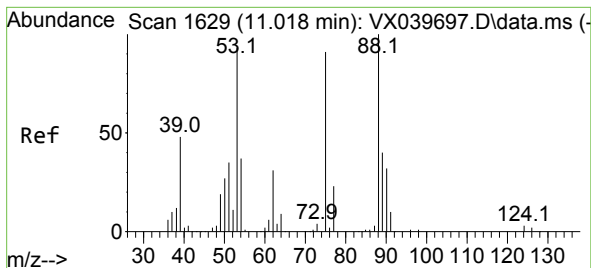
Tgt Ion:105 Resp: 250928

Ion Ratio Lower Upper

105 100

120 46.6 24.1 72.3

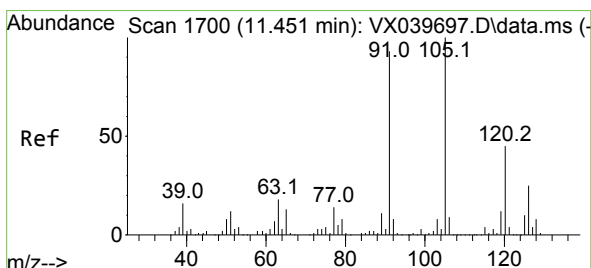
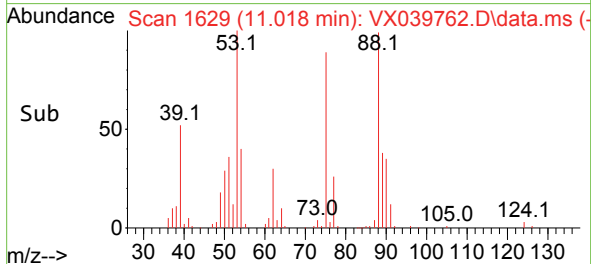
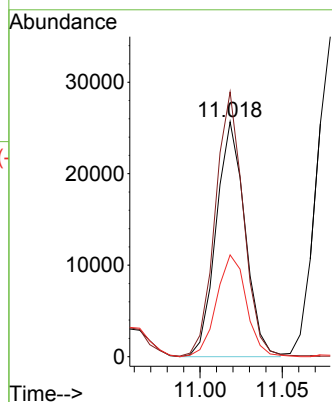
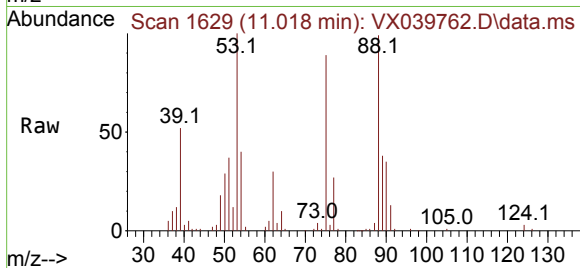




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.856 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

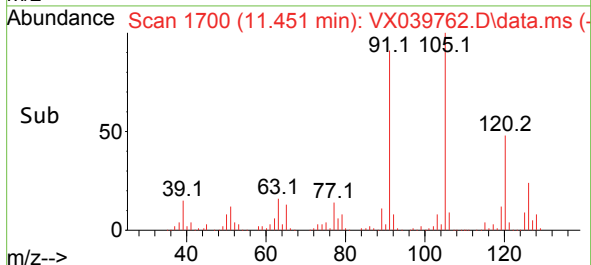
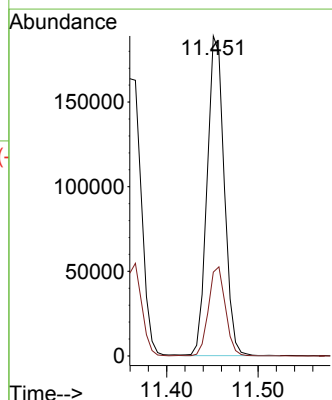
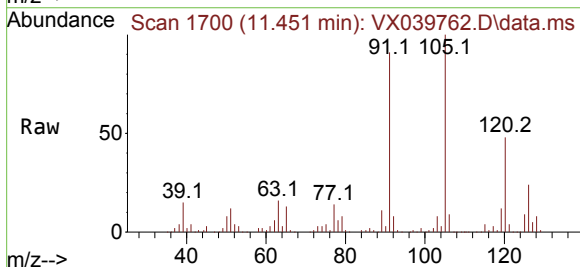
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 31327  
Ion Ratio Lower Upper  
75 100  
53 109.8 90.5 135.7  
89 44.6 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 48.790 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX039762.D  
Acq: 15 Jan 2024 17:49

Tgt Ion: 91 Resp: 244017  
Ion Ratio Lower Upper  
91 100  
126 27.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.484 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

ClientSampleId :

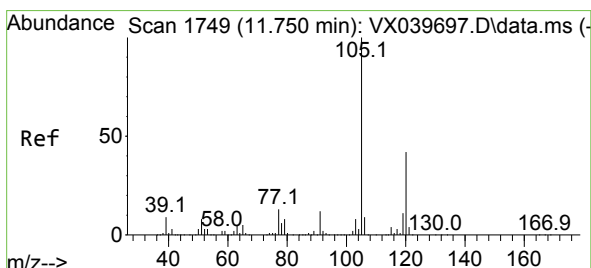
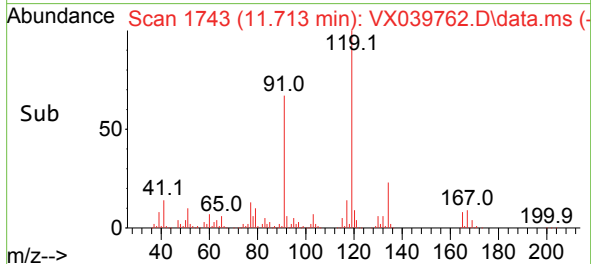
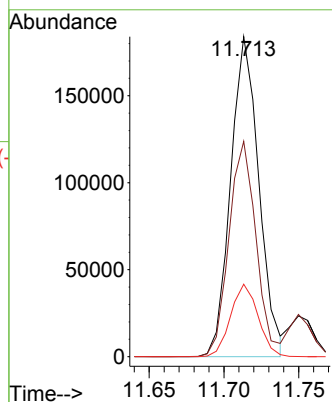
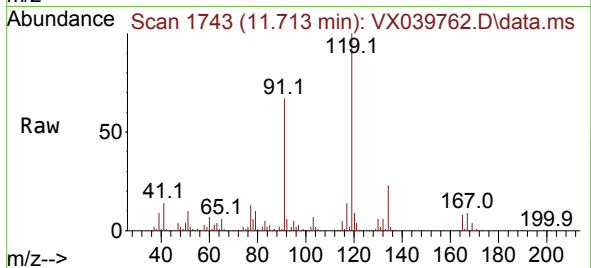
Tgt Ion:119 Resp: 241284

Ion Ratio Lower Upper

119 100

91 64.9 31.2 93.6

134 22.1 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 50.361 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039762.D

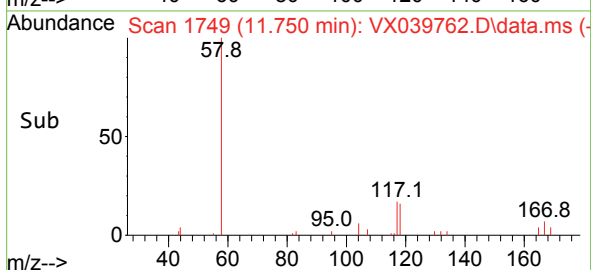
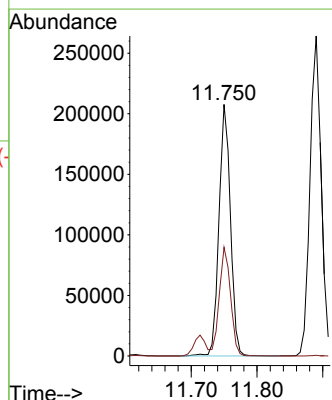
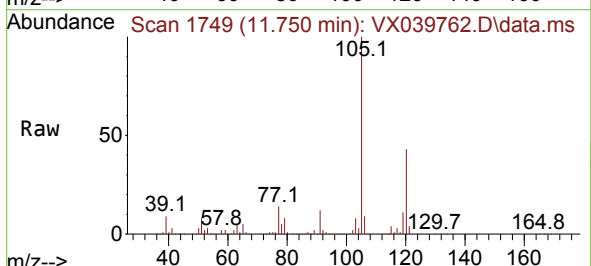
Acq: 15 Jan 2024 17:49

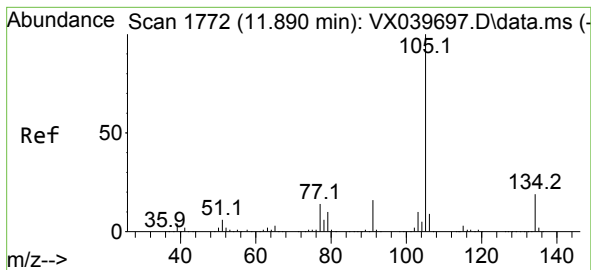
Tgt Ion:105 Resp: 251526

Ion Ratio Lower Upper

105 100

120 42.9 21.2 63.6





#85

sec-Butylbenzene

Concen: 50.597 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

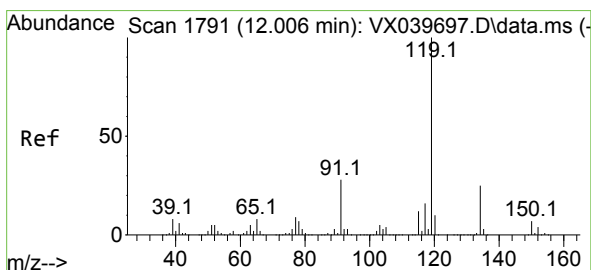
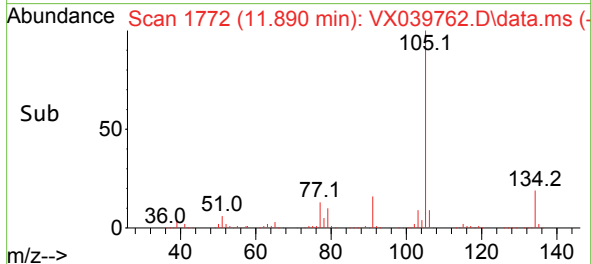
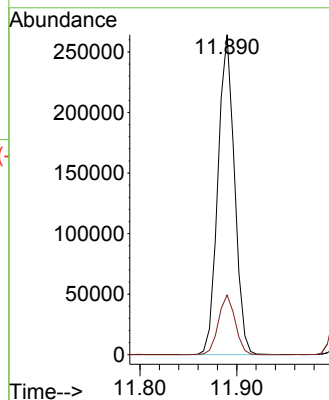
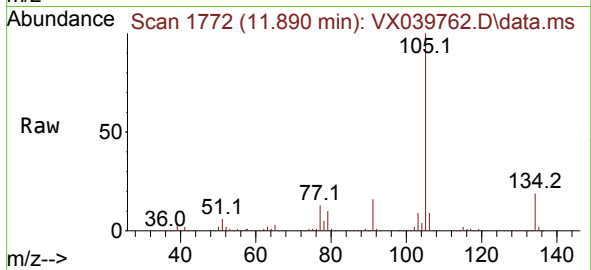
ClientSampleId :

Tgt Ion:105 Resp: 313911

Ion Ratio Lower Upper

105 100

134 18.8 9.8 29.4



#86

p-Isopropyltoluene

Concen: 50.561 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

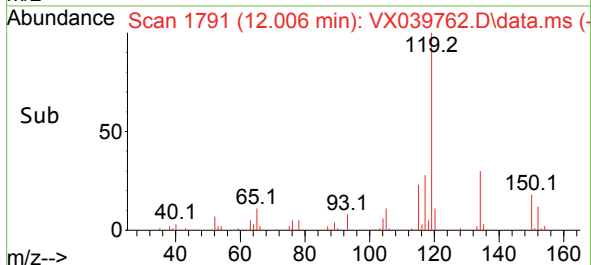
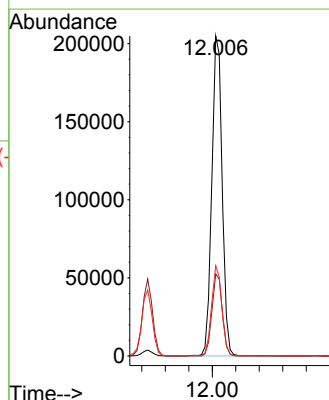
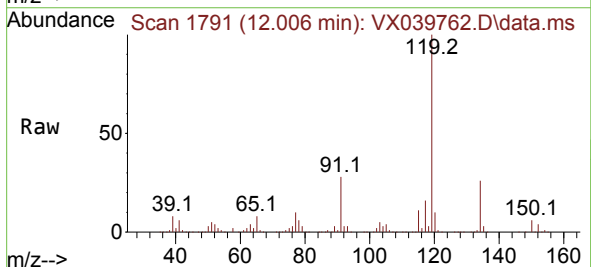
Tgt Ion:119 Resp: 250709

Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.3

91 27.8 13.1 39.3

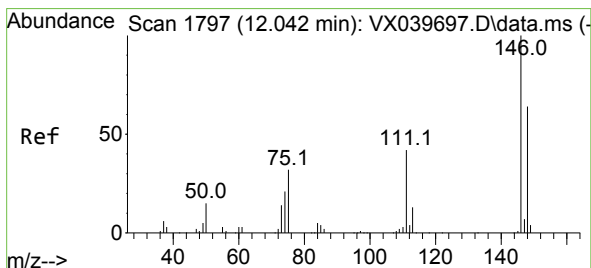
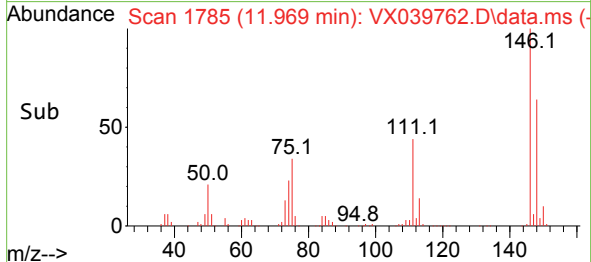
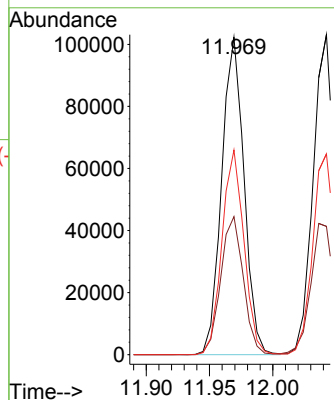
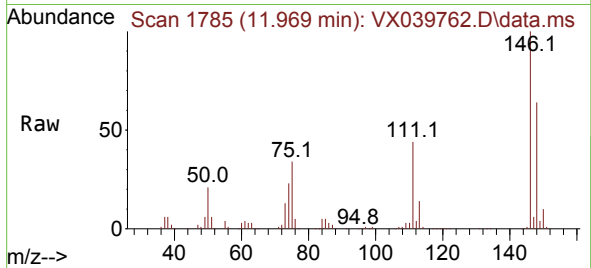




#87  
 1,3-Dichlorobenzene  
 Concen: 49.855 ug/l  
 RT: 11.969 min Scan# 1785  
 Delta R.T. -0.000 min  
 Lab File: VX039762.D  
 Acq: 15 Jan 2024 17:49

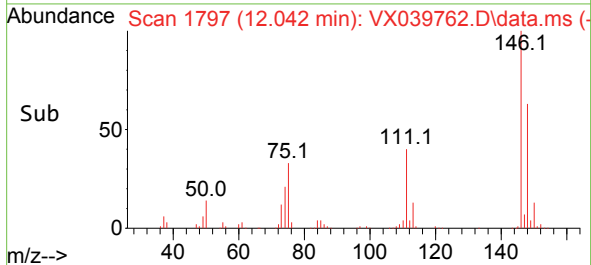
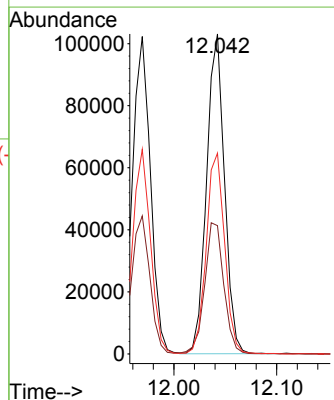
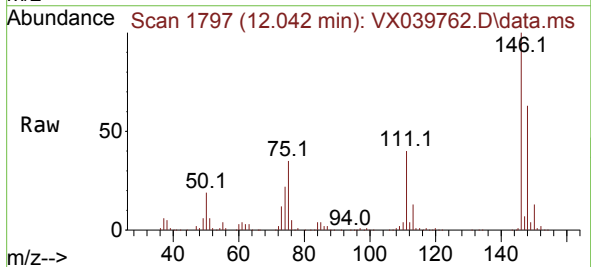
Instrument :  
 MSVOA\_X  
 ClientSampleId :

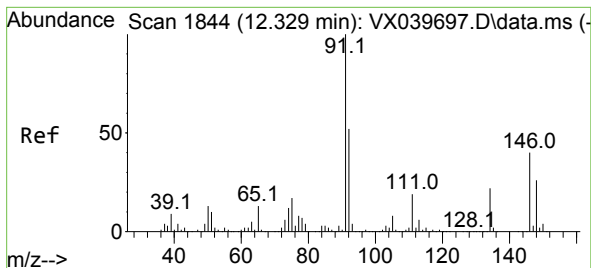
Tgt Ion:146 Resp: 125422  
 Ion Ratio Lower Upper  
 146 100  
 111 44.1 22.1 66.1  
 148 63.5 31.8 95.3



#88  
 1,4-Dichlorobenzene  
 Concen: 48.091 ug/l  
 RT: 12.042 min Scan# 1797  
 Delta R.T. -0.000 min  
 Lab File: VX039762.D  
 Acq: 15 Jan 2024 17:49

Tgt Ion:146 Resp: 124955  
 Ion Ratio Lower Upper  
 146 100  
 111 43.9 21.3 63.7  
 148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 48.092 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

ClientSampleId :

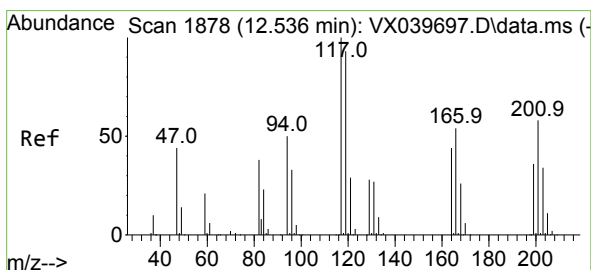
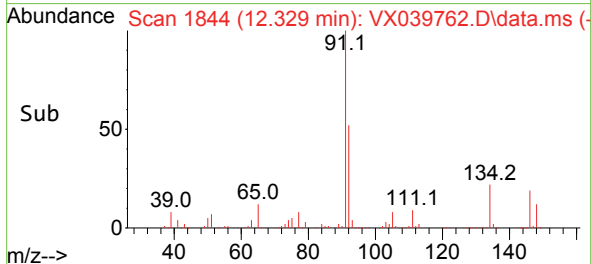
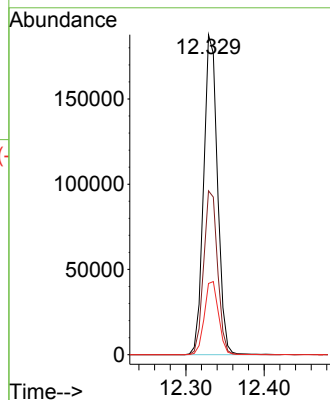
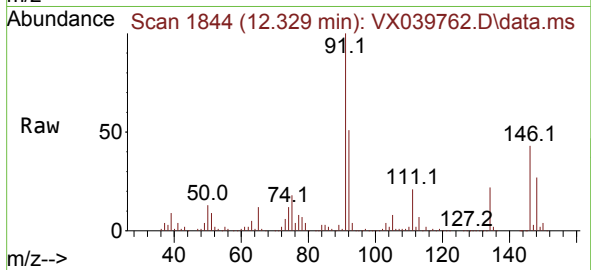
Tgt Ion: 91 Resp: 230321

Ion Ratio Lower Upper

91 100

92 51.5 27.4 82.0

134 23.4 12.6 37.8



#90

Hexachloroethane

Concen: 51.122 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX039762.D

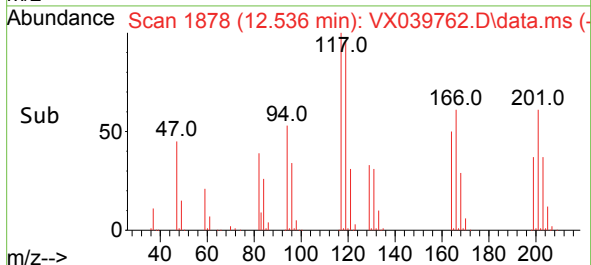
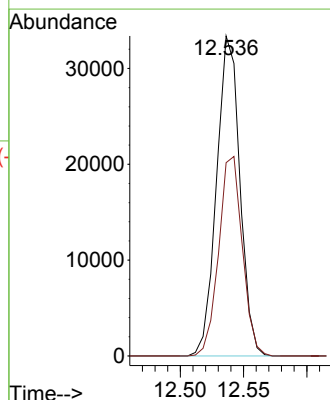
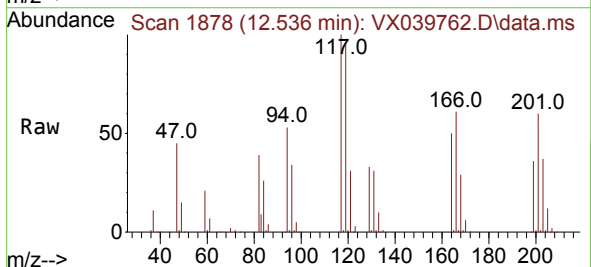
Acq: 15 Jan 2024 17:49

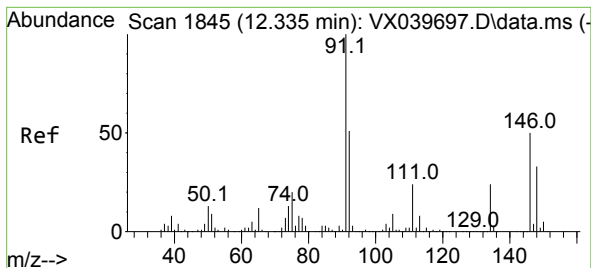
Tgt Ion: 117 Resp: 42765

Ion Ratio Lower Upper

117 100

201 63.3 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 49.579 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

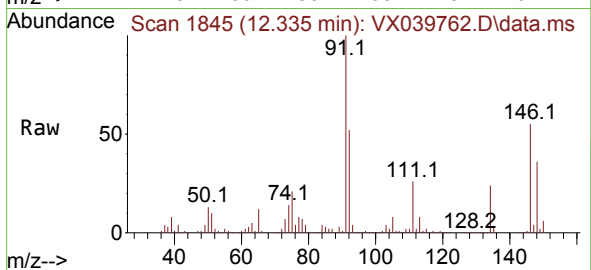
Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

ClientSampleId :



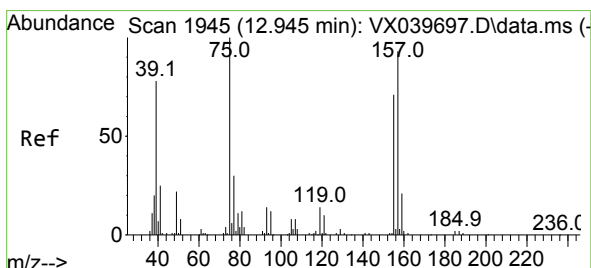
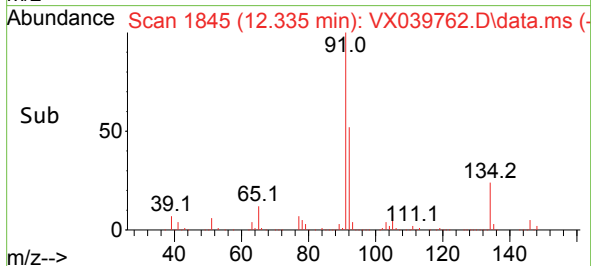
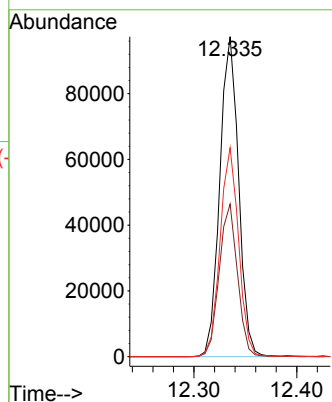
Tgt Ion:146 Resp: 123309

Ion Ratio Lower Upper

146 100

111 46.5 22.4 67.0

148 64.3 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.331 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

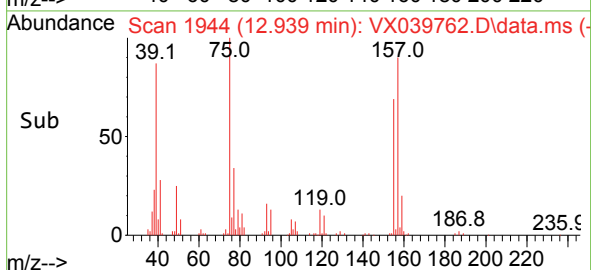
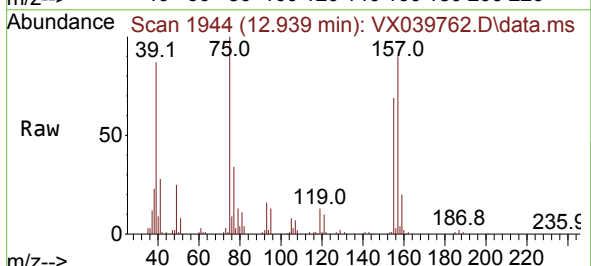
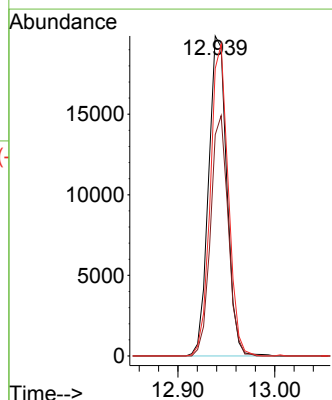
Tgt Ion: 75 Resp: 26105

Ion Ratio Lower Upper

75 100

155 72.2 36.1 108.5

157 95.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 46.845 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

ClientSampleId :

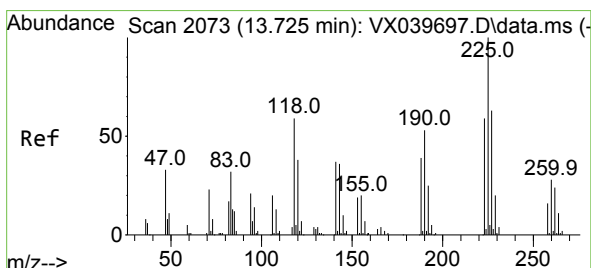
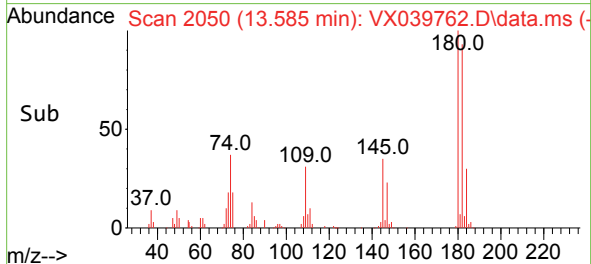
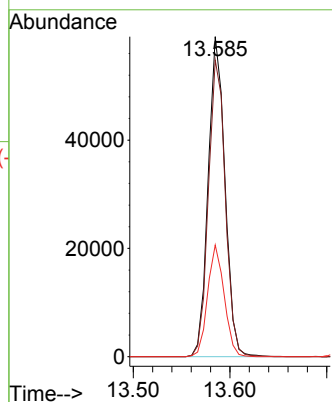
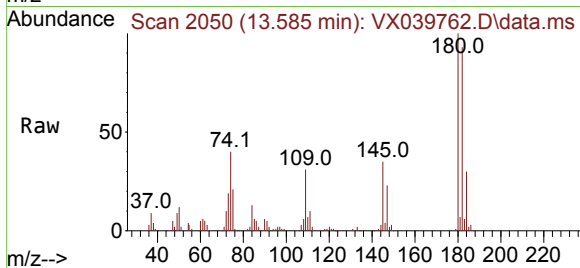
Tgt Ion:180 Resp: 71199

Ion Ratio Lower Upper

180 100

182 93.7 48.3 144.8

145 34.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 49.076 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

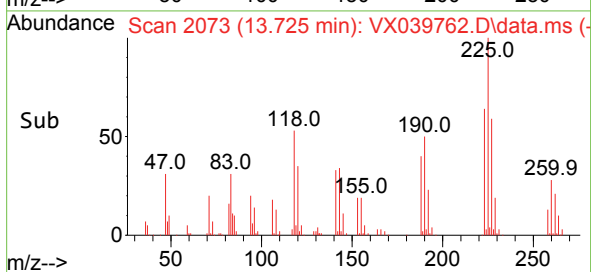
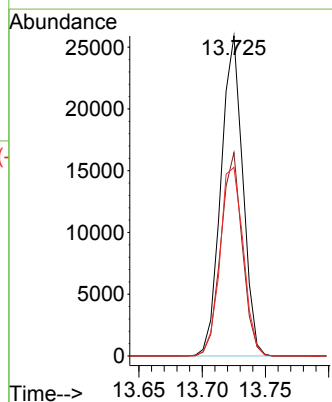
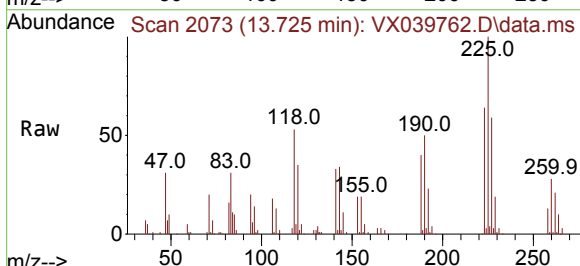
Tgt Ion:225 Resp: 31007

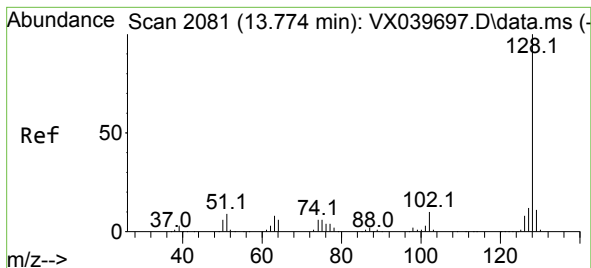
Ion Ratio Lower Upper

225 100

223 62.5 31.1 93.2

227 63.1 32.5 97.5





#95

Naphthalene

Concen: 48.149 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA\_X

ClientSampleId :

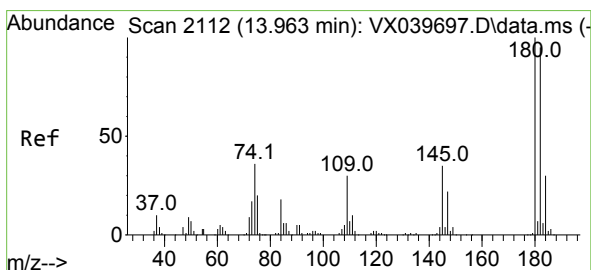
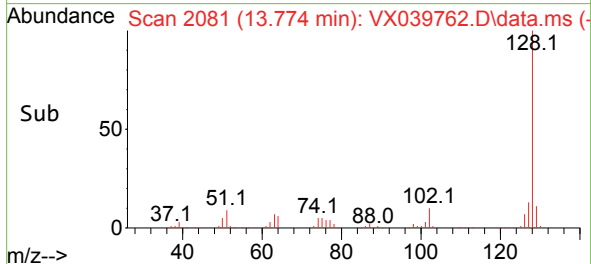
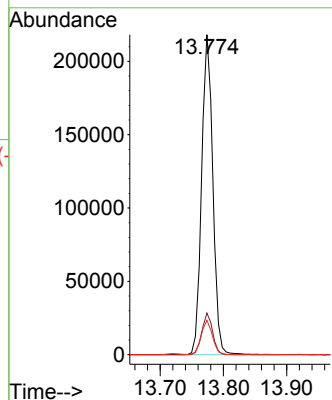
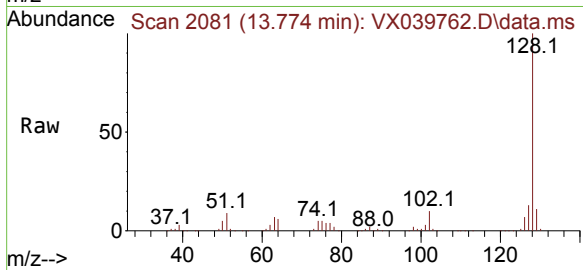
Tgt Ion:128 Resp: 269409

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 46.739 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039762.D

Acq: 15 Jan 2024 17:49

Tgt Ion:180 Resp: 71695

Ion Ratio Lower Upper

180 100

182 94.6 46.9 140.6

145 37.0 17.8 53.5

