

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011224\  
 Data File : VX039731.D  
 Acq On : 12 Jan 2024 12:58  
 Operator : JC/MD  
 Sample : VX0112WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 12 22:36:43 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   | 96899    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 167255   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 150821   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 70384    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 72192    | 44.475   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 88.960%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 53037    | 47.080   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 94.160%  |
| 50) Toluene-d8               | 8.647  | 98    | 199994   | 47.071   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 94.140%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 75035    | 45.161   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 90.320%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 23080    | 18.409   | ug/l   | 98       |
| 3) Chloromethane             | 1.295  | 50    | 24742    | 17.281   | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374  | 62    | 23875    | 17.669   | ug/l   | 99       |
| 5) Bromomethane              | 1.599  | 94    | 13399    | 17.379   | ug/l   | 95       |
| 6) Chloroethane              | 1.666  | 64    | 11814    | 15.380   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.874  | 101   | 36108    | 18.524   | ug/l   | 95       |
| 8) Diethyl Ether             | 2.136  | 74    | 14232    | 19.757   | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 22483    | 18.605   | ug/l   | 98       |
| 10) Methyl Iodide            | 2.447  | 142   | 24553    | 19.259   | ug/l   | 95       |
| 11) Tert butyl alcohol       | 3.002  | 59    | 36893    | 87.314   | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 2.313  | 96    | 21542    | 18.471   | ug/l   | 88       |
| 13) Acrolein                 | 2.239  | 56    | 24076    | 82.403   | ug/l   | 99       |
| 14) Allyl chloride           | 2.660  | 41    | 39589    | 17.247   | ug/l   | 97       |
| 15) Acrylonitrile            | 3.062  | 53    | 80352    | 92.062   | ug/l   | 97       |
| 16) Acetone                  | 2.380  | 43    | 76933    | 84.275   | ug/l   | 92       |
| 17) Carbon Disulfide         | 2.502  | 76    | 52771    | 15.743   | ug/l   | 96       |
| 18) Methyl Acetate           | 2.703  | 43    | 37075    | 19.413   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 78844    | 19.043   | ug/l   | 99       |
| 20) Methylene Chloride       | 2.788  | 84    | 25661    | 18.584   | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 22208    | 18.095   | ug/l   | 99       |
| 22) Diisopropyl ether        | 3.757  | 45    | 83517    | 19.066   | ug/l   | 99       |
| 23) Vinyl Acetate            | 3.715  | 43    | 383789   | 94.254   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 44803    | 18.592   | ug/l   | 98       |
| 25) 2-Butanone               | 4.556  | 43    | 119596   | 91.165   | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 34602    | 17.890   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 27128    | 19.272   | ug/l   | 95       |
| 28) Bromochloromethane       | 4.898  | 49    | 20519    | 18.784   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 5.001  | 42    | 78570    | 93.051   | ug/l   | 99       |
| 30) Chloroform               | 5.093  | 83    | 45254    | 19.023   | ug/l   | 100      |
| 31) Cyclohexane              | 5.464  | 56    | 38775    | 18.100   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 5.373  | 97    | 36475    | 17.909   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 32333    | 18.439   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.709  | 43    | 43867    | 18.752   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.672  | 117   | 29080    | 18.107   | ug/l   | 93       |
| 39) Methylcyclohexane        | 7.379  | 83    | 40652    | 19.306   | ug/l   | 96       |
| 40) Benzene                  | 6.031  | 78    | 97811    | 19.699   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011224\  
 Data File : VX039731.D  
 Acq On : 12 Jan 2024 12:58  
 Operator : JC/MD  
 Sample : VX0112WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 12 22:36:43 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   | 22360    | 19.546  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 38112    | 20.189  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 67277    | 19.605  | ug/l   | 100      |
| 44) Trichloroethene           | 7.123  | 130  | 23142    | 19.018  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 27163    | 20.393  | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 18025    | 19.593  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.818  | 83   | 31591    | 18.541  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.690  | 41   | 32287    | 19.141  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 13914    | 426.307 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 238564   | 100.940 | ug/l   | 98       |
| 52) Toluene                   | 8.714  | 92   | 59944    | 20.212  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 34039    | 18.827  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 38024    | 19.126  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 25449    | 20.155  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 41603    | 20.358  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 43720    | 20.432  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 91357    | 94.576  | ug/l   | 95       |
| 59) 2-Hexanone                | 9.433  | 43   | 188791   | 100.930 | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.519  | 129  | 23072    | 19.376  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 26442    | 20.222  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.269  | 164  | 19133    | 19.508  | ug/l   | 93       |
| 65) Chlorobenzene             | 10.080 | 112  | 62686    | 19.956  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 21229    | 19.847  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 115189   | 19.751  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 85767    | 39.988  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 42325    | 19.927  | ug/l   | 95       |
| 70) Styrene                   | 10.653 | 104  | 69332    | 19.982  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 15403    | 19.178  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.964 | 105  | 112377   | 20.054  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 58537    | 20.040  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 44555    | 20.822  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 46575    | 25.524  | ug/l   | 93       |
| 77) Bromobenzene              | 11.195 | 156  | 25757    | 20.644  | ug/l   | 98       |
| 78) n-propylbenzene           | 11.305 | 91   | 131538   | 19.394  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 79115    | 18.873  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 95213    | 20.006  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 10331    | 18.650  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 91289    | 19.199  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 93048    | 20.478  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 95247    | 20.060  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 116320   | 19.721  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 93974    | 19.935  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 47617    | 19.909  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 46267    | 18.730  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.335 | 91   | 81964    | 18.002  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 13936    | 17.523  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 48175    | 20.374  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 9113     | 17.380  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 26219    | 18.145  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 11692    | 19.465  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 101872   | 19.151  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 28298    | 19.404  | ug/l   | 100      |

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Data File : VX039731.D  
Acq On : 12 Jan 2024 12:58  
Operator : JC/MD  
Sample : VX0112WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

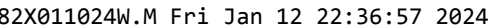
Instrument :  
MSVOA\_X  
ClientSampleId :

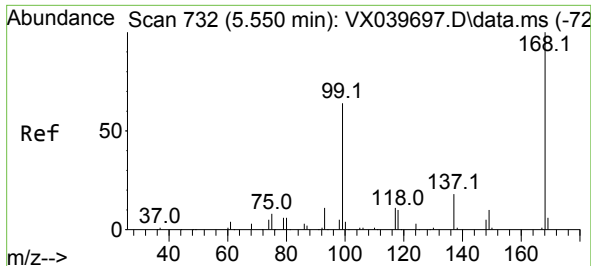
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:51:26 2024  
Response via : Initial Calibration

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

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

Quant Time: Jan 12 22:36:43 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





#1  
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.000 min

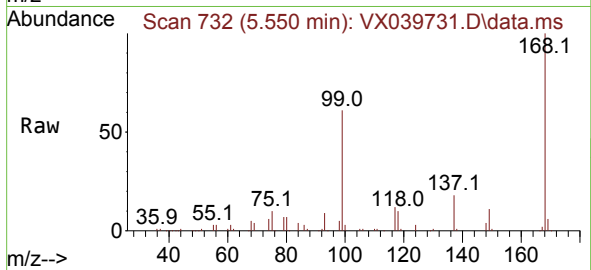
Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

ClientSampleId :

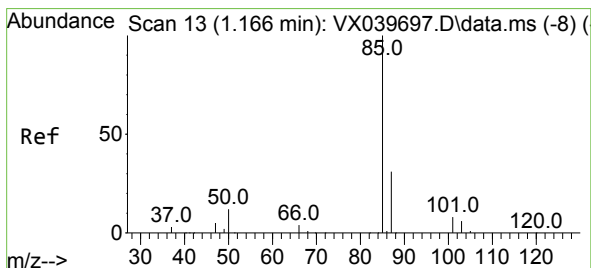
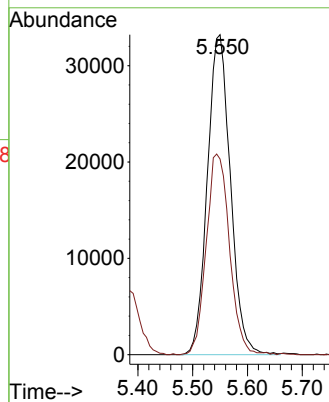
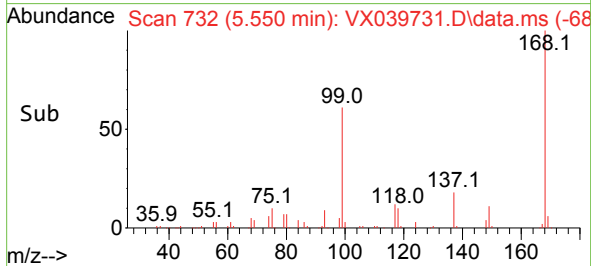


Tgt Ion:168 Resp: 96899

Ion Ratio Lower Upper

168 100

99 61.2 56.6 85.0



#2

Dichlorodifluoromethane

Concen: 18.409 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX039731.D

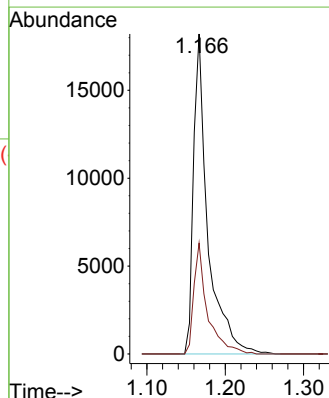
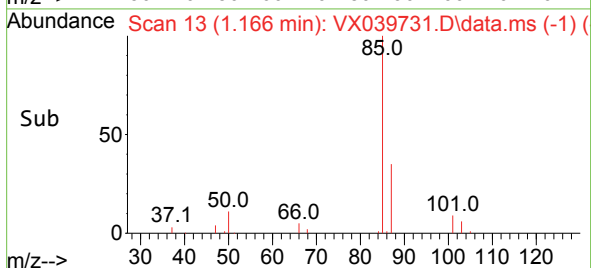
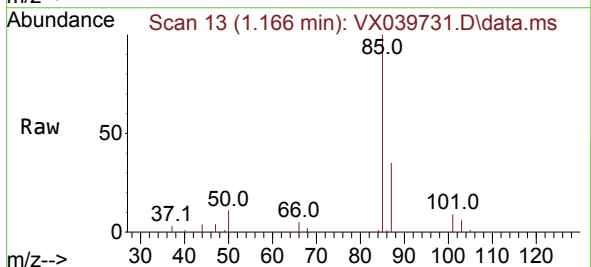
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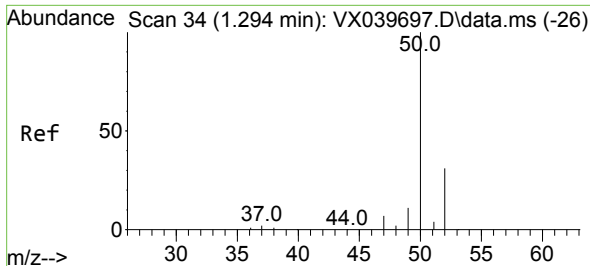
Tgt Ion: 85 Resp: 23080

Ion Ratio Lower Upper

85 100

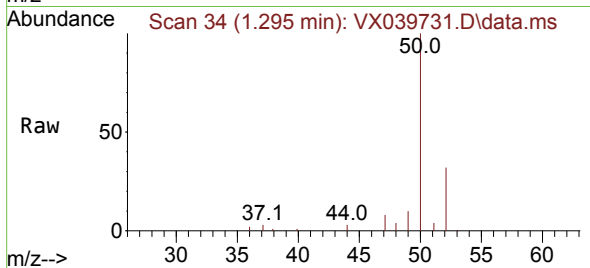
87 34.6 16.7 50.1



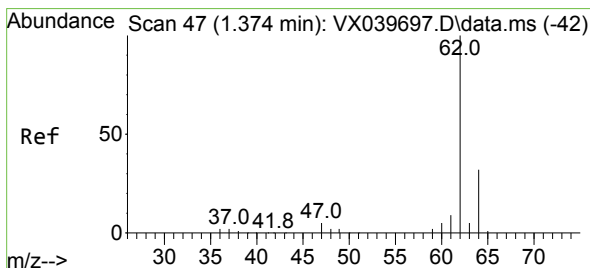
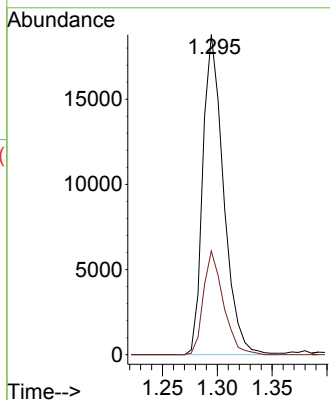
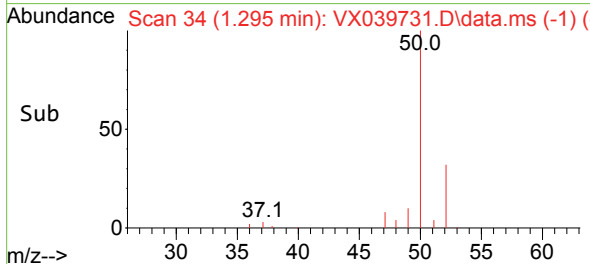


#3  
Chloromethane  
Concen: 17.281 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Instrument :  
MSVOA\_X  
ClientSampleId :

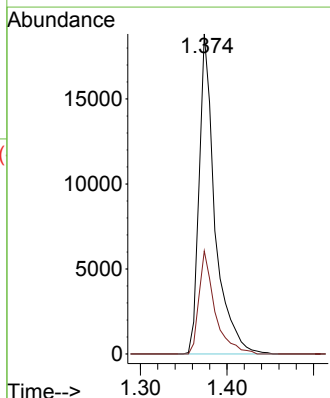
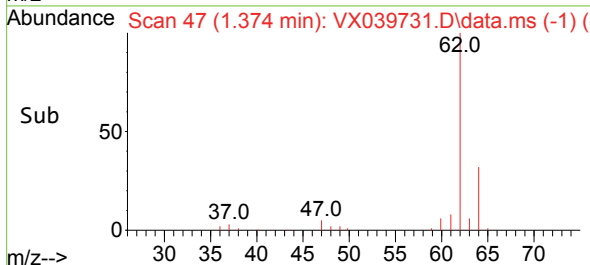
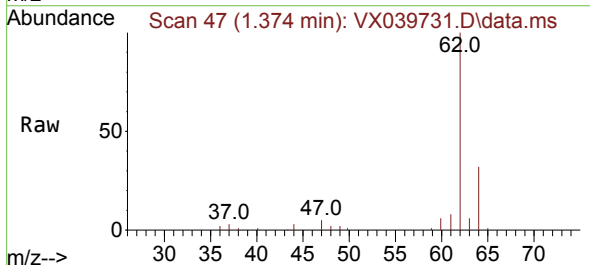


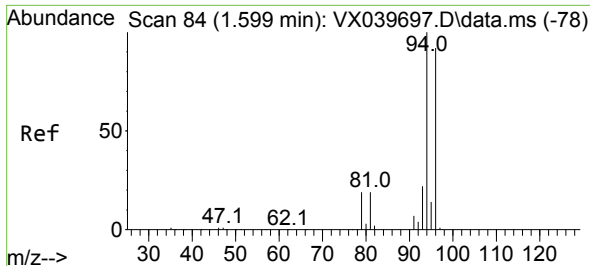
Tgt Ion: 50 Resp: 24742  
Ion Ratio Lower Upper  
50 100  
52 32.4 25.5 38.3



#4  
Vinyl Chloride  
Concen: 17.669 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

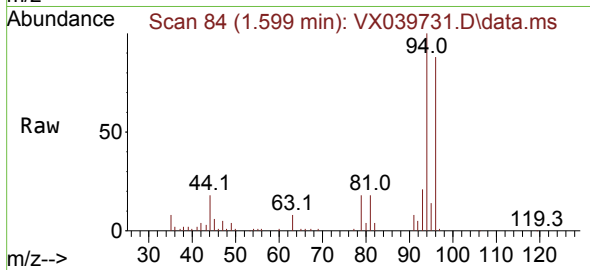
Tgt Ion: 62 Resp: 23875  
Ion Ratio Lower Upper  
62 100  
64 32.2 25.4 38.0



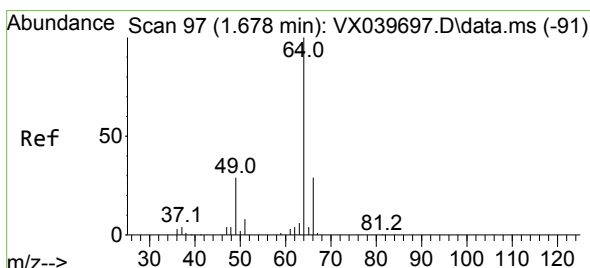
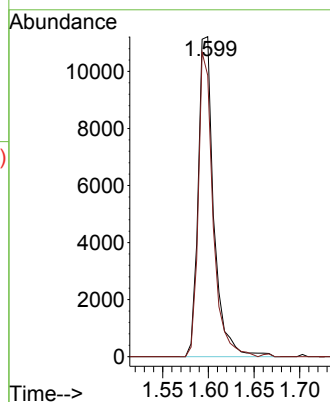
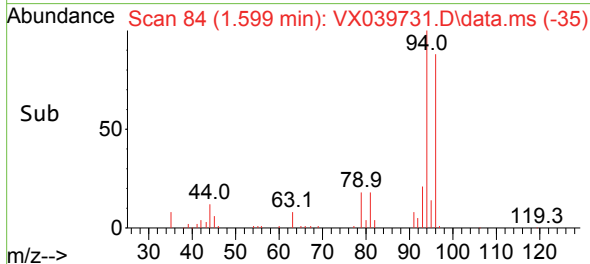


#5  
Bromomethane  
Concen: 17.379 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Instrument :  
MSVOA\_X  
ClientSampleId :

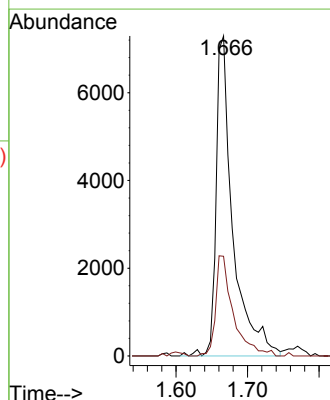
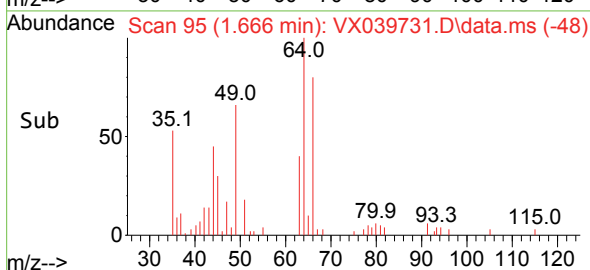
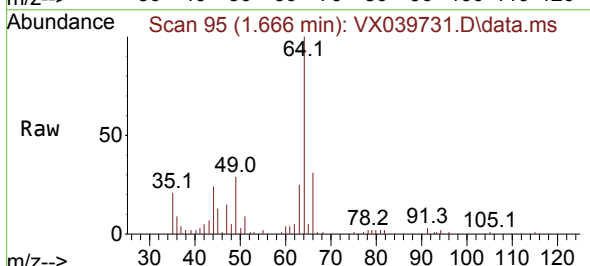


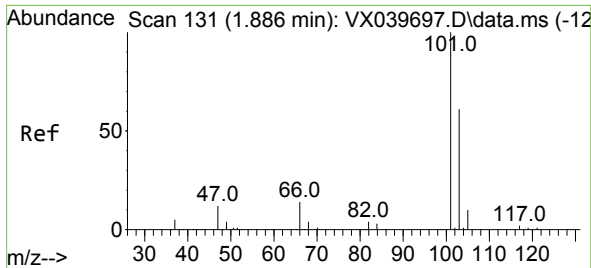
Tgt Ion: 94 Resp: 13399  
Ion Ratio Lower Upper  
94 100  
96 87.9 74.6 111.8



#6  
Chloroethane  
Concen: 15.380 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. -0.012 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion: 64 Resp: 11814  
Ion Ratio Lower Upper  
64 100  
66 31.1 25.1 37.7

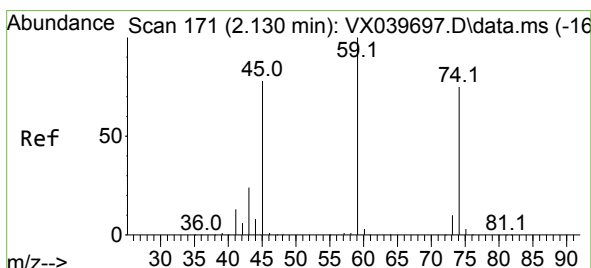
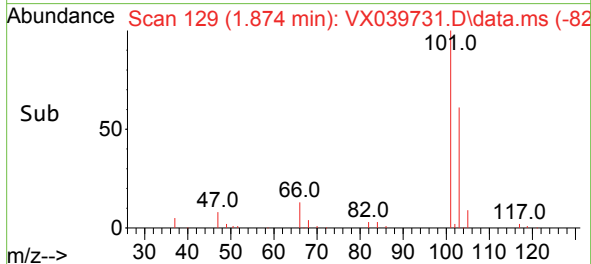
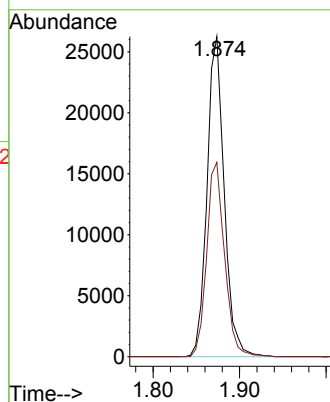
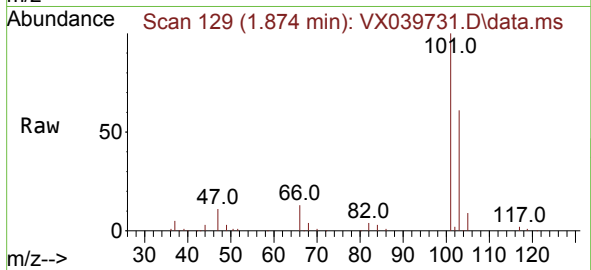




#7  
Trichlorofluoromethane  
Concen: 18.524 ug/l  
RT: 1.874 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

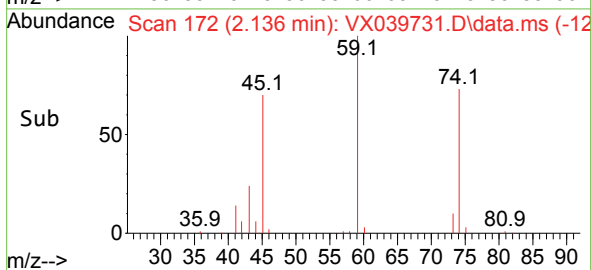
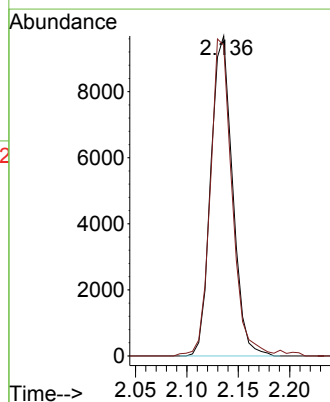
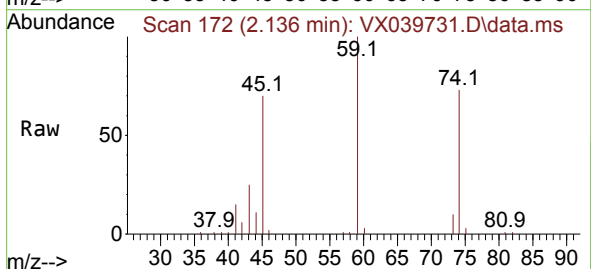
Instrument :  
MSVOA\_X  
ClientSampleId :

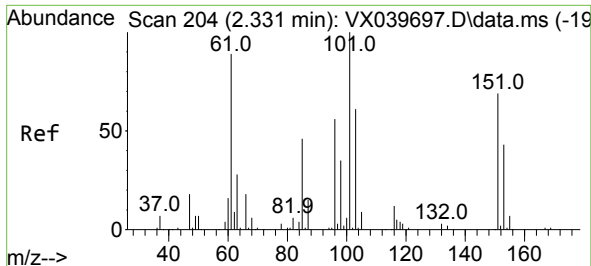
Tgt Ion:101 Resp: 36108  
Ion Ratio Lower Upper  
101 100  
103 60.7 51.4 77.2



#8  
Diethyl Ether  
Concen: 19.757 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion: 74 Resp: 14232  
Ion Ratio Lower Upper  
74 100  
45 99.4 53.3 159.8

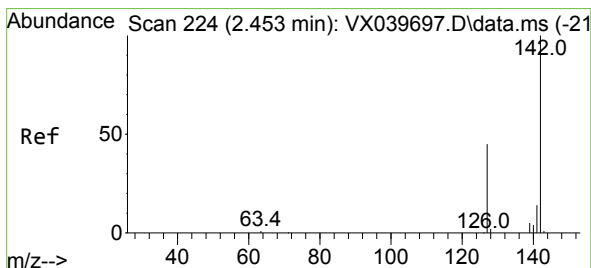
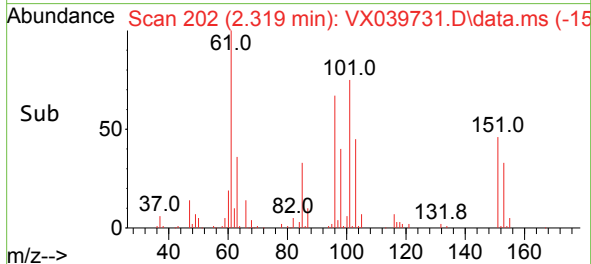
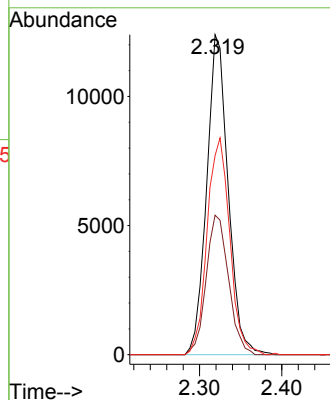
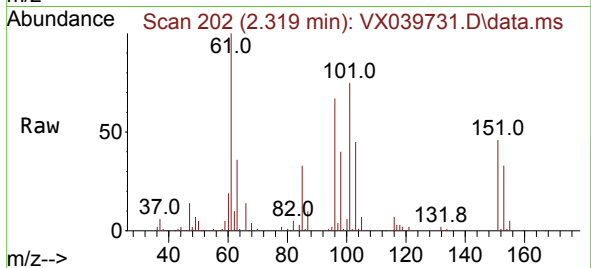




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.605 ug/l  
RT: 2.319 min Scan# 204  
Delta R.T. -0.012 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

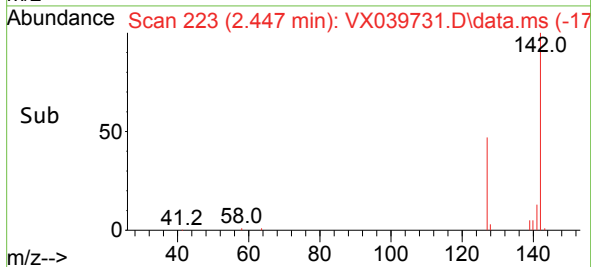
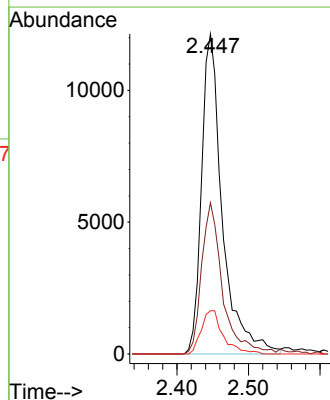
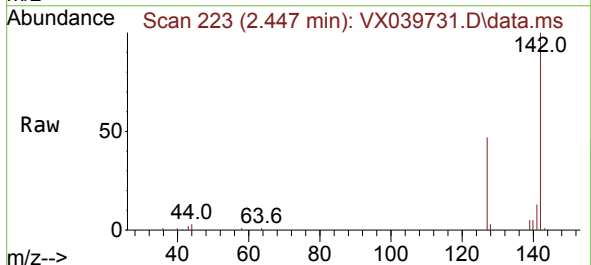
Instrument :  
MSVOA\_X  
ClientSampleId :

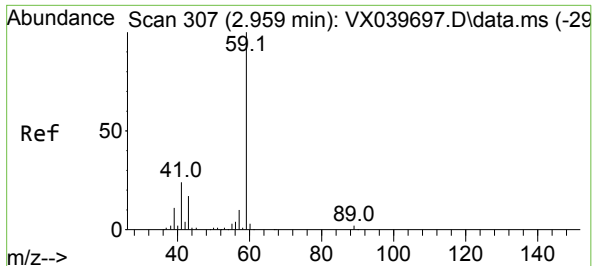
Tgt Ion:101 Resp: 22483  
Ion Ratio Lower Upper  
101 100  
85 45.5 37.0 55.6  
151 71.4 58.6 87.8



#10  
Methyl Iodide  
Concen: 19.259 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. -0.006 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion:142 Resp: 24553  
Ion Ratio Lower Upper  
142 100  
127 47.4 41.6 62.4  
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 87.314 ug/l

RT: 3.002 min Scan# 314

Delta R.T. 0.043 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

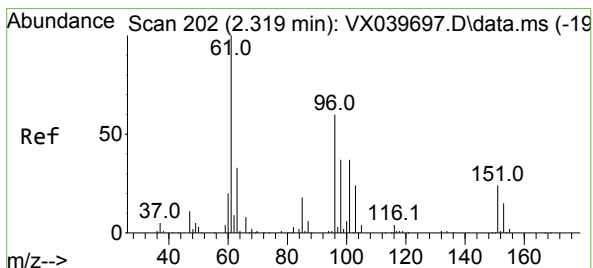
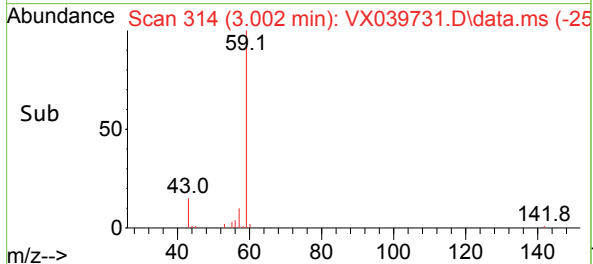
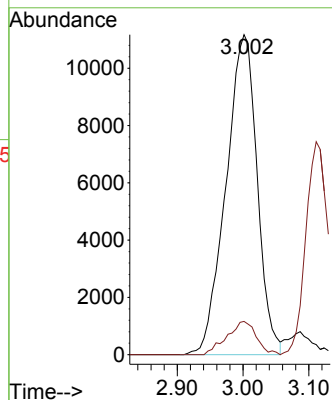
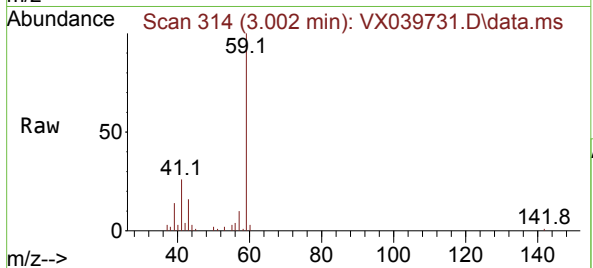
ClientSampleId :

Tgt Ion: 59 Resp: 36893

Ion Ratio Lower Upper

59 100

57 9.8 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 18.471 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

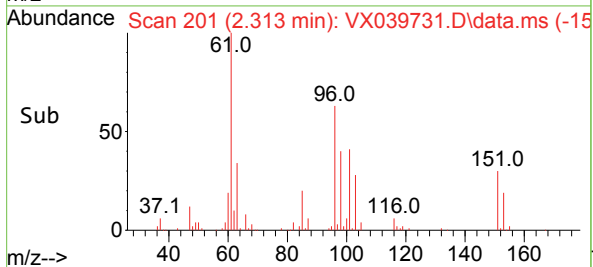
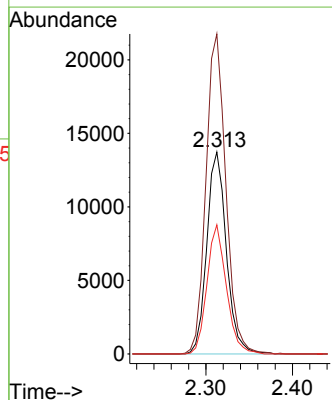
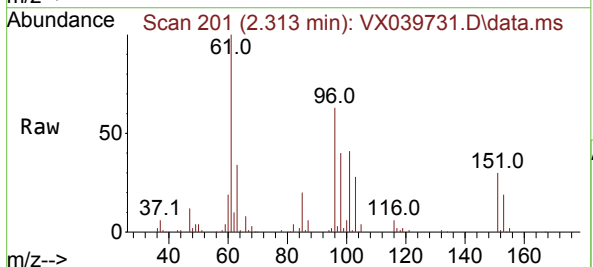
Tgt Ion: 96 Resp: 21542

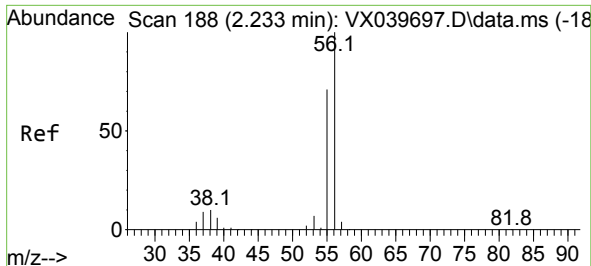
Ion Ratio Lower Upper

96 100

61 158.5 144.6 216.8

98 64.0 50.4 75.6





#13

Acrolein

Concen: 82.403 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

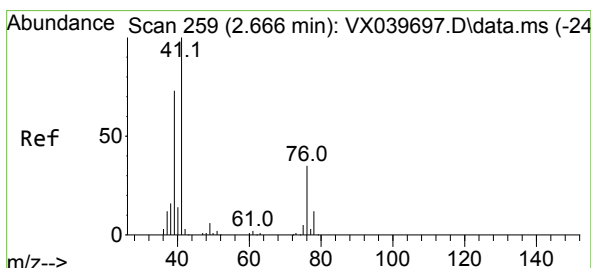
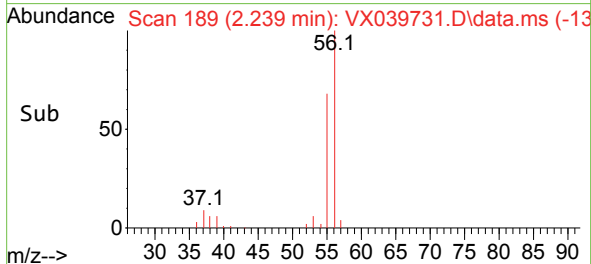
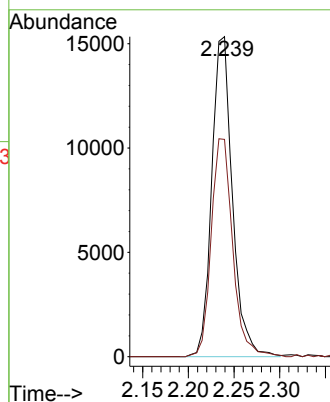
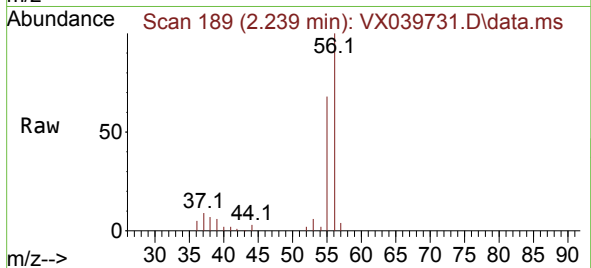
ClientSampleId :

Tgt Ion: 56 Resp: 24076

Ion Ratio Lower Upper

56 100

55 70.8 57.1 85.7



#14

Allyl chloride

Concen: 17.247 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

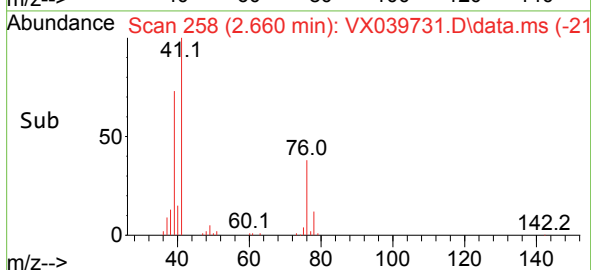
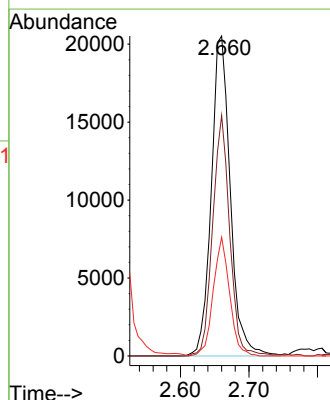
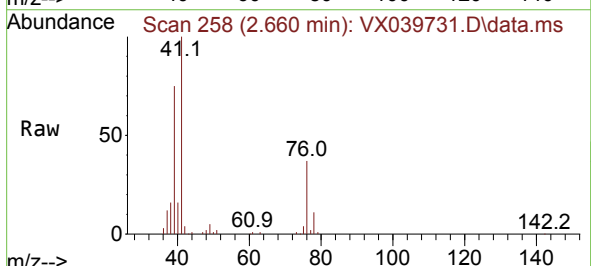
Tgt Ion: 41 Resp: 39589

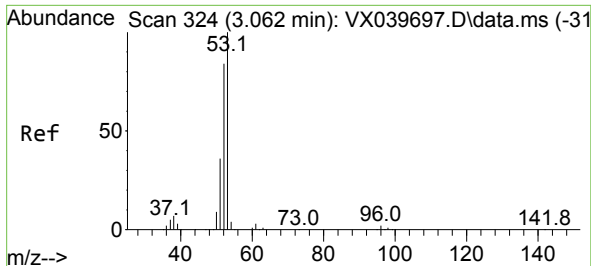
Ion Ratio Lower Upper

41 100

39 67.0 55.8 83.6

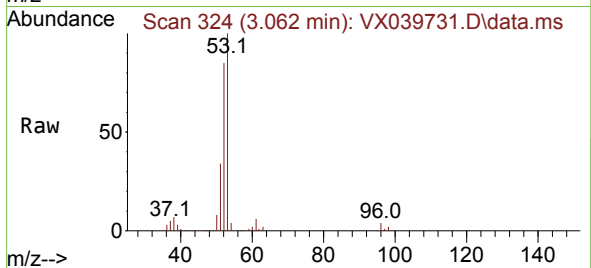
76 31.9 24.3 36.5



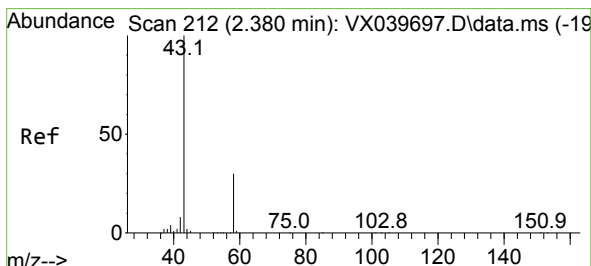
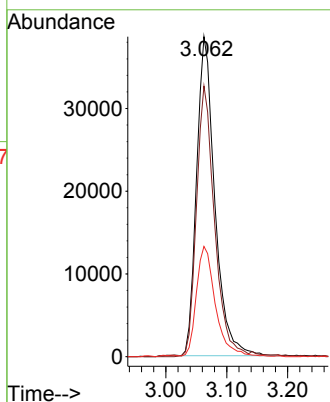
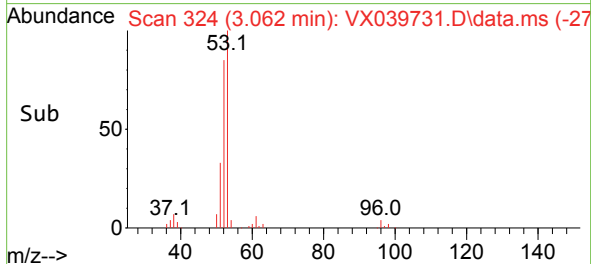


#15  
Acrylonitrile  
Concen: 92.062 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Instrument :  
MSVOA\_X  
ClientSampleId :

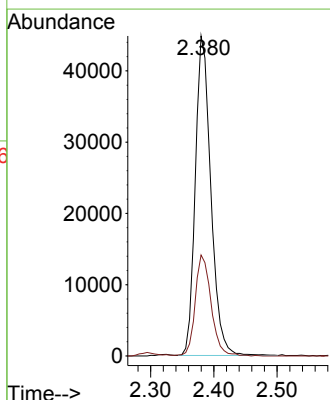
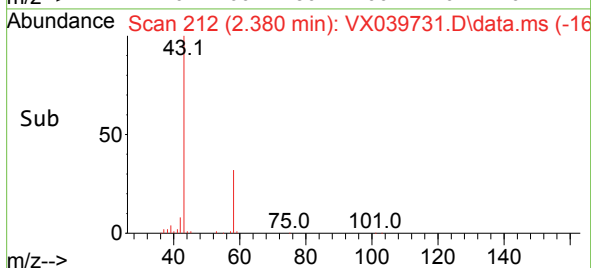
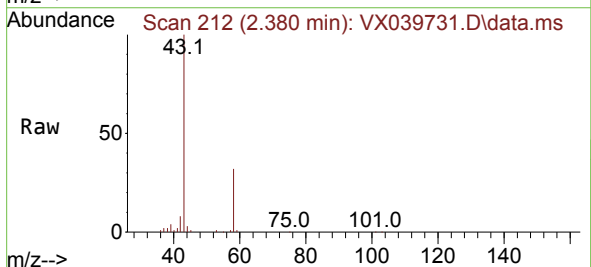


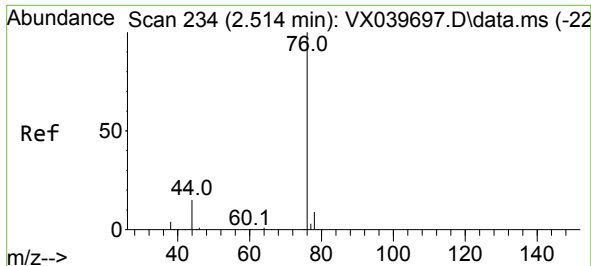
Tgt Ion: 53 Resp: 80352  
Ion Ratio Lower Upper  
53 100  
52 85.0 66.0 99.0  
51 35.7 29.8 44.6



#16  
Acetone  
Concen: 84.275 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion: 43 Resp: 76933  
Ion Ratio Lower Upper  
43 100  
58 31.6 21.9 32.9





#17

Carbon Disulfide

Concen: 15.743 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

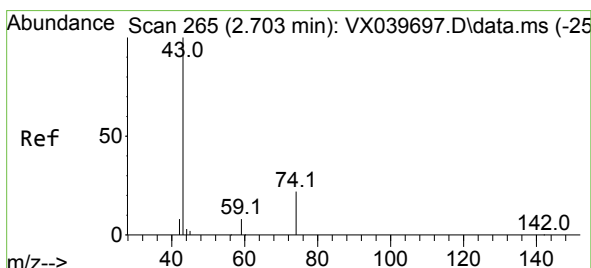
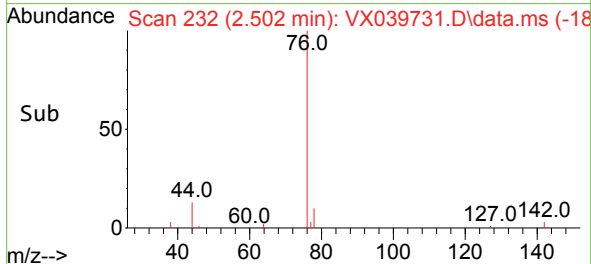
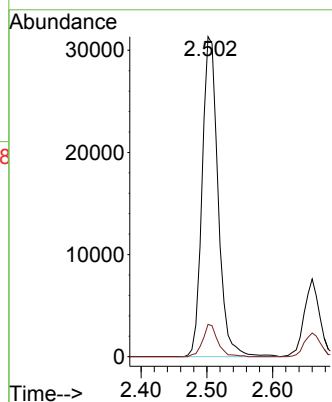
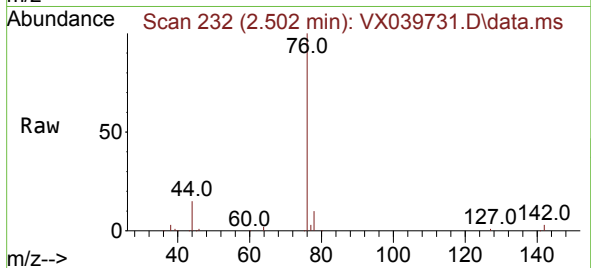
ClientSampleId :

Tgt Ion: 76 Resp: 52771

Ion Ratio Lower Upper

76 100

78 10.1 7.0 10.6



#18

Methyl Acetate

Concen: 19.413 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX039731.D

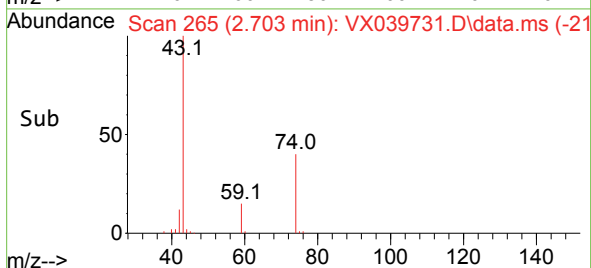
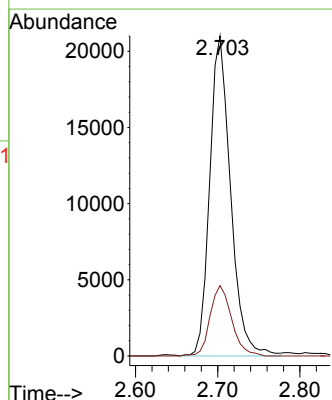
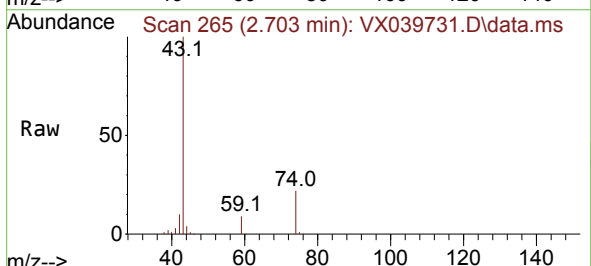
Acq: 12 Jan 2024 12:58

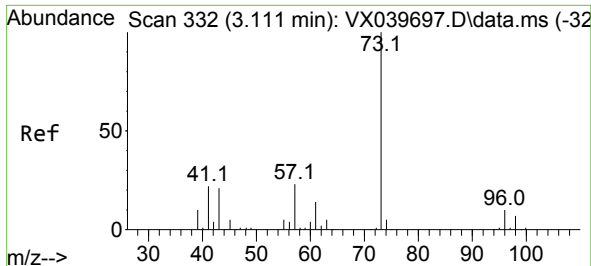
Tgt Ion: 43 Resp: 37075

Ion Ratio Lower Upper

43 100

74 22.7 17.8 26.8

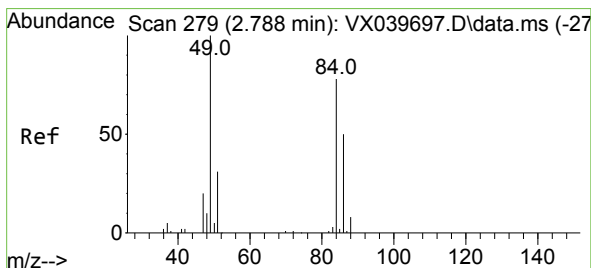
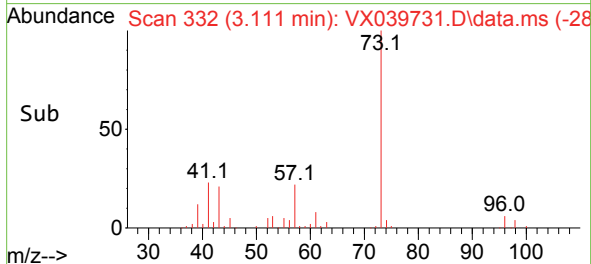
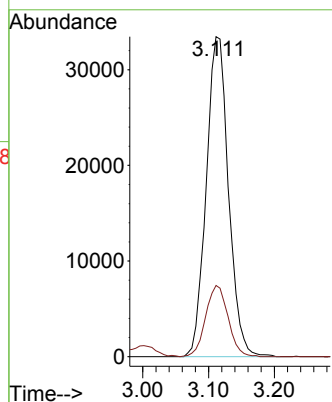
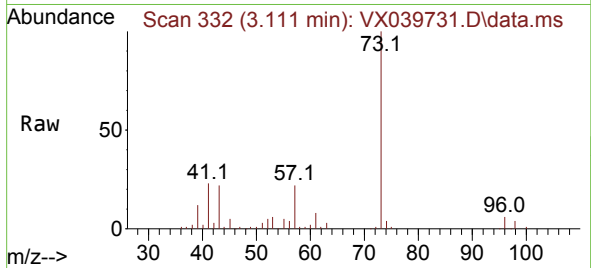




#19  
Methyl tert-butyl Ether  
Concen: 19.043 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

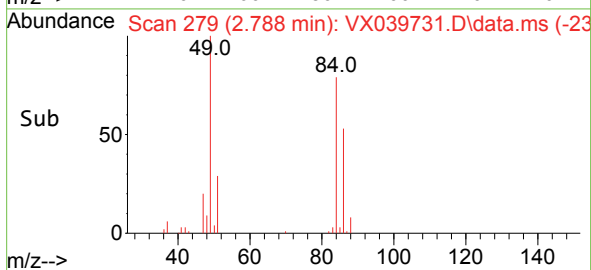
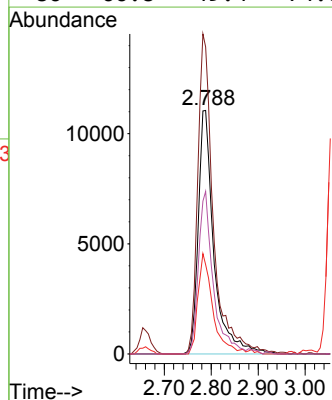
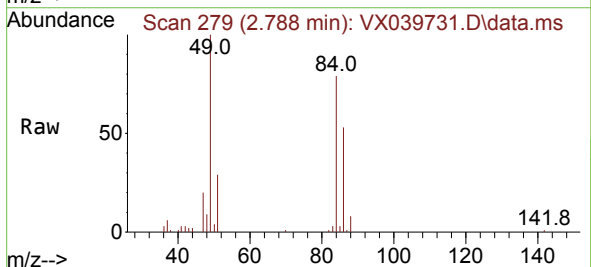
Instrument :  
MSVOA\_X  
ClientSampleId :

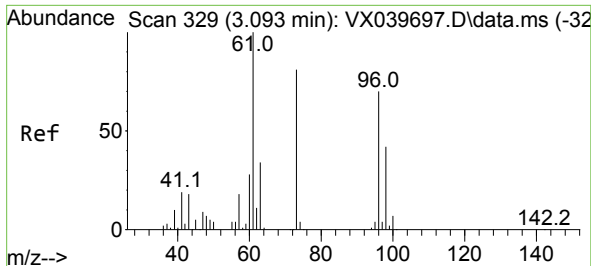
Tgt Ion: 73 Resp: 78844  
Ion Ratio Lower Upper  
73 100  
57 22.2 17.3 25.9



#20  
Methylene Chloride  
Concen: 18.584 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion: 84 Resp: 25661  
Ion Ratio Lower Upper  
84 100  
49 126.0 103.6 155.4  
51 36.7 33.8 50.6  
86 66.8 49.4 74.0

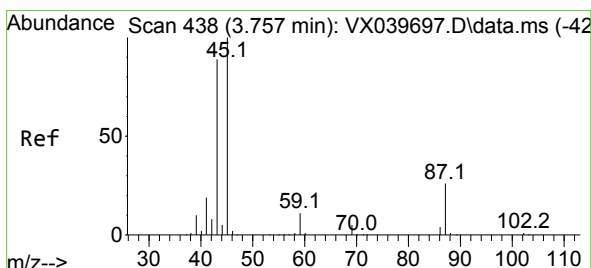
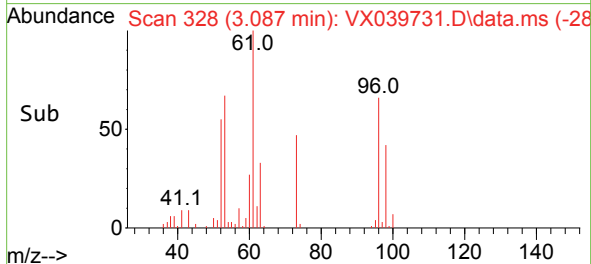
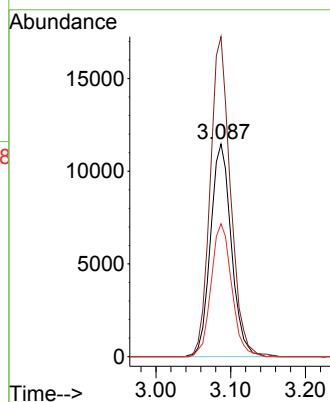
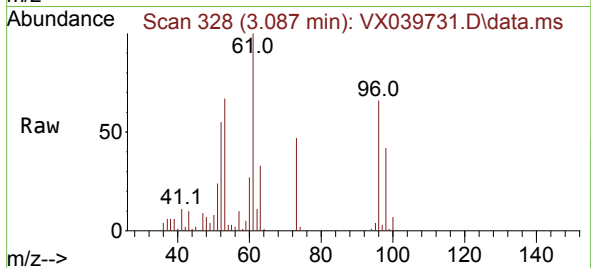




#21  
trans-1,2-Dichloroethene  
Concen: 18.095 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

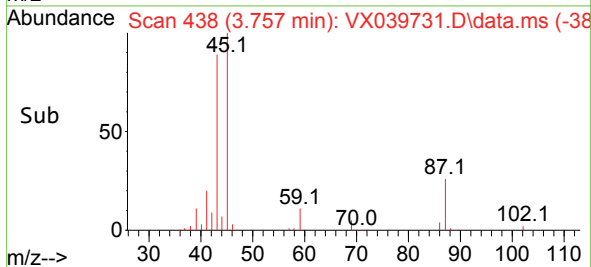
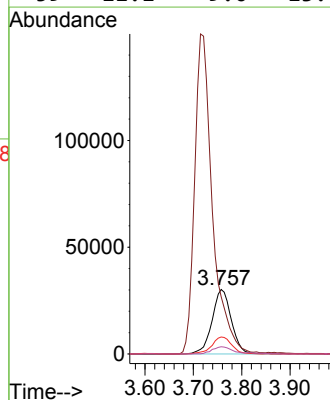
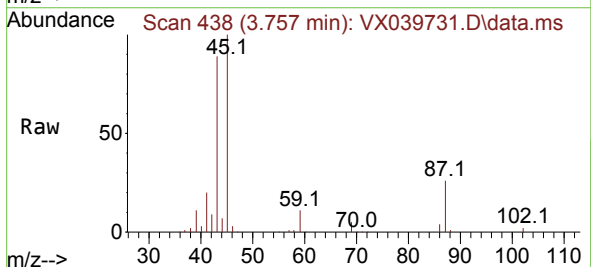
Instrument :  
MSVOA\_X  
ClientSampleId :

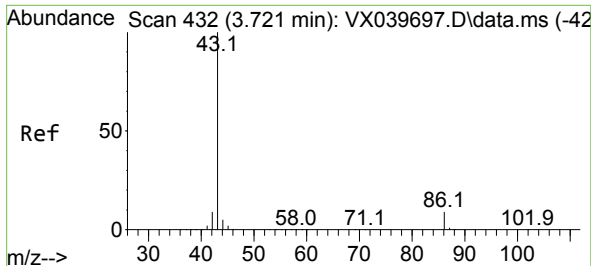
Tgt Ion: 96 Resp: 22208  
Ion Ratio Lower Upper  
96 100  
61 150.4 119.2 178.8  
98 62.5 48.7 73.1



#22  
Diisopropyl ether  
Concen: 19.066 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion: 45 Resp: 83517  
Ion Ratio Lower Upper  
45 100  
43 88.4 69.7 104.5  
87 26.2 20.8 31.2  
59 11.1 9.0 13.4

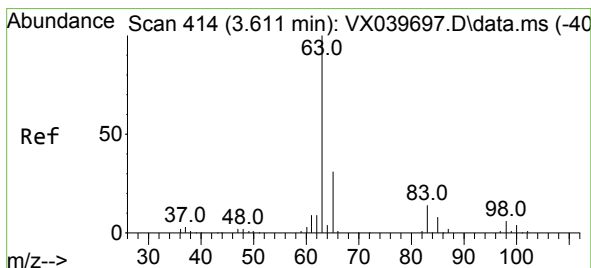
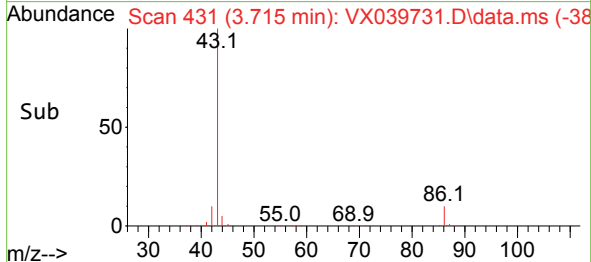
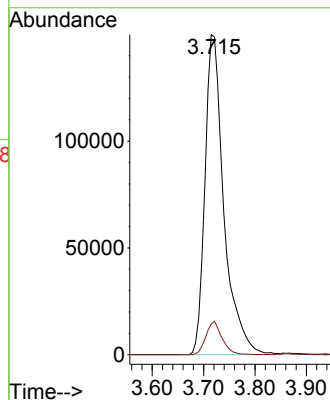
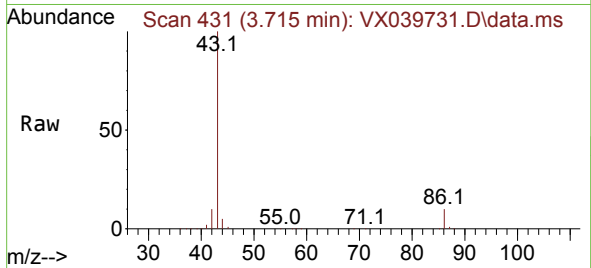




#23  
 Vinyl Acetate  
 Concen: 94.254 ug/l  
 RT: 3.715 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX039731.D  
 Acq: 12 Jan 2024 12:58

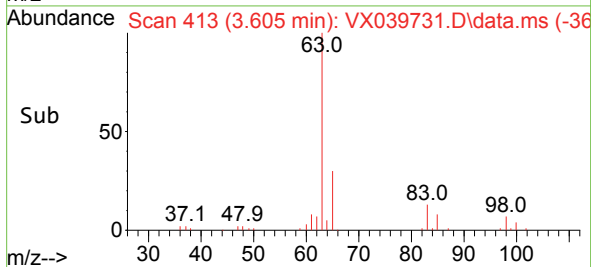
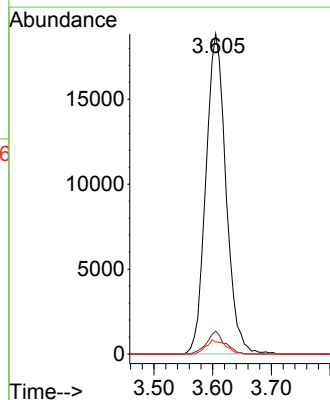
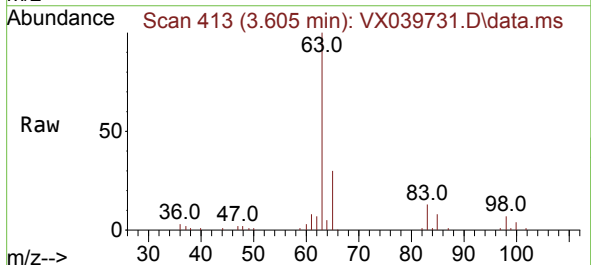
Instrument :  
 MSVOA\_X  
 ClientSampleId :

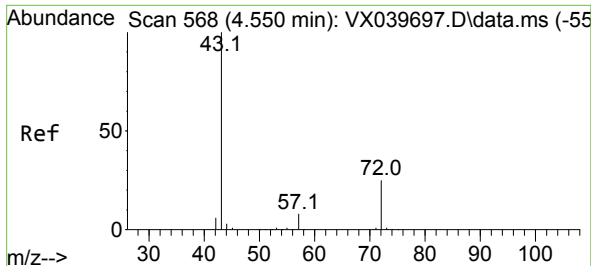
Tgt Ion: 43 Resp: 383789  
 Ion Ratio Lower Upper  
 43 100  
 86 9.5 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 18.592 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.006 min  
 Lab File: VX039731.D  
 Acq: 12 Jan 2024 12:58

Tgt Ion: 63 Resp: 44803  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.3 9.8  
 100 3.8 2.1 6.5

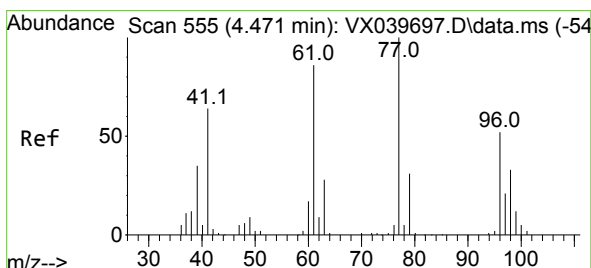
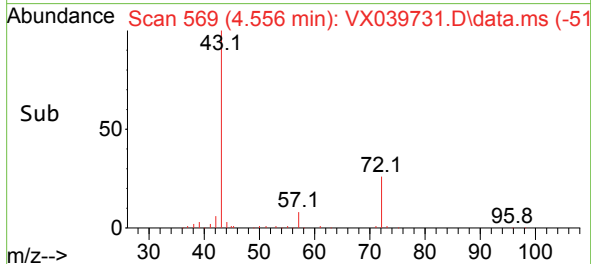
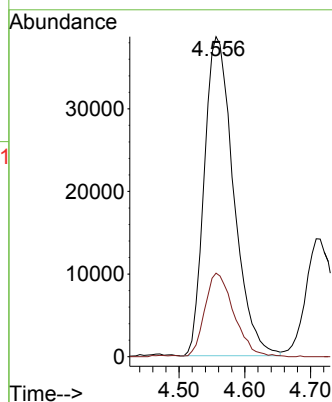
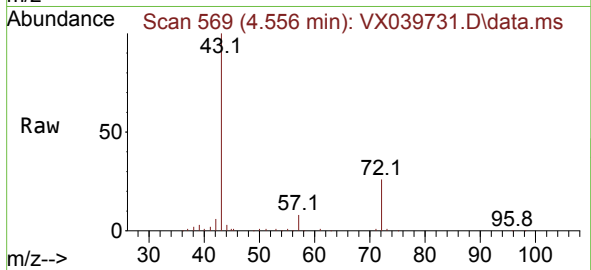




#25  
2-Butanone  
Concen: 91.165 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.006 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

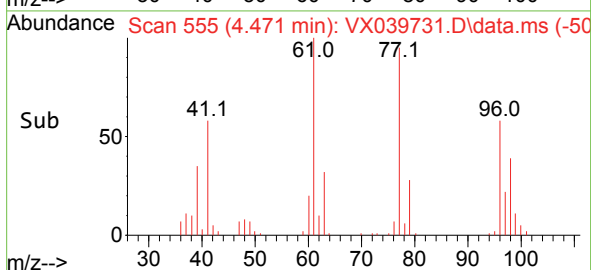
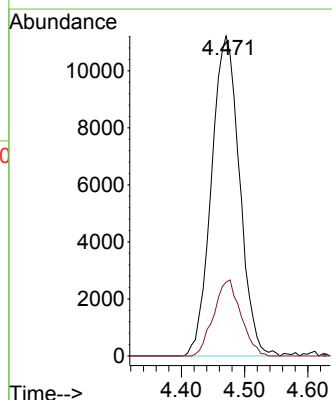
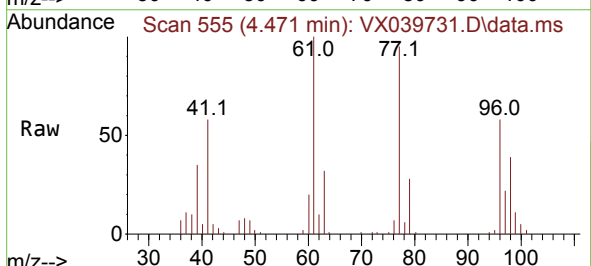
Instrument :  
MSVOA\_X  
ClientSampleId :

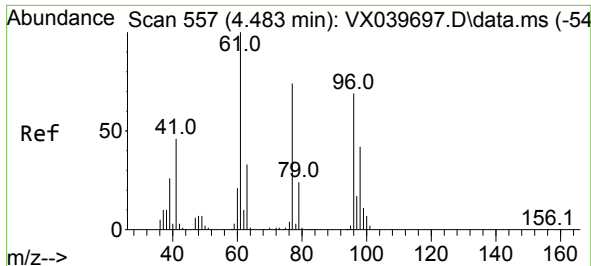
Tgt Ion: 43 Resp: 119596  
Ion Ratio Lower Upper  
43 100  
72 26.0 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 17.890 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

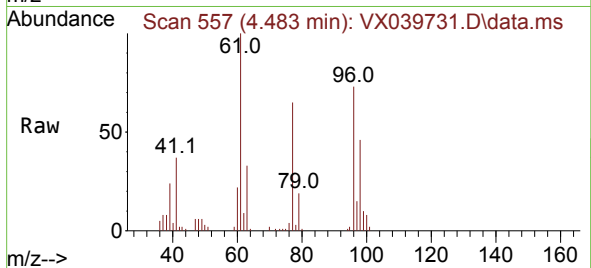
Tgt Ion: 77 Resp: 34602  
Ion Ratio Lower Upper  
77 100  
97 23.0 10.8 32.3



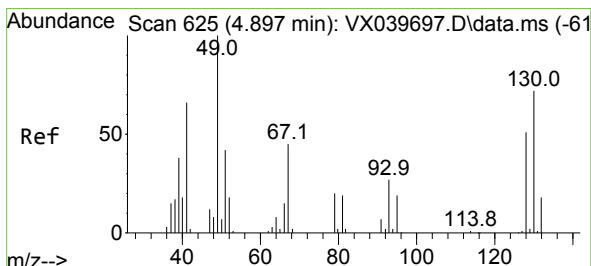
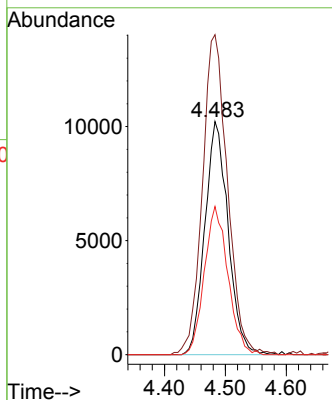
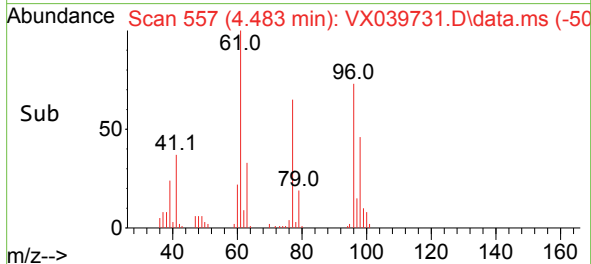


#27  
 cis-1,2-Dichloroethene  
 Concen: 19.272 ug/l  
 RT: 4.483 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VX039731.D  
 Acq: 12 Jan 2024 12:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :

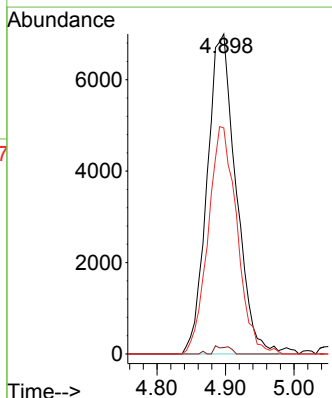
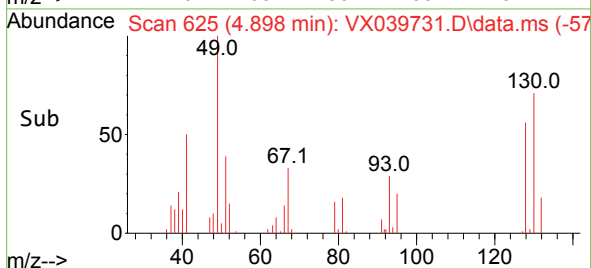
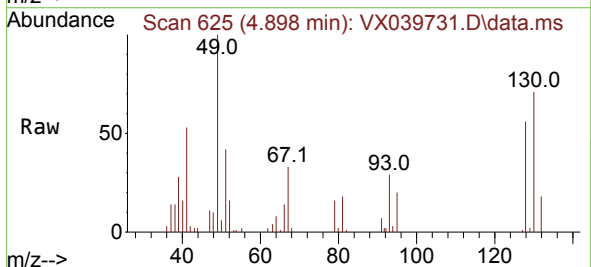


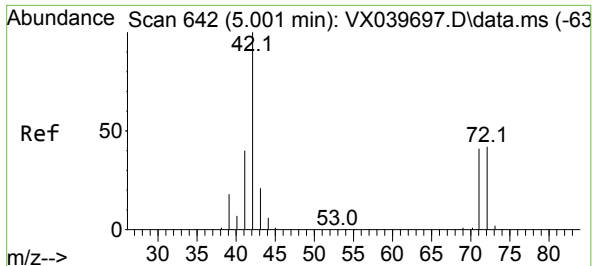
Tgt Ion: 96 Resp: 27128  
 Ion Ratio Lower Upper  
 96 100  
 61 147.7 0.0 312.2  
 98 64.4 0.0 129.0



#28  
 Bromochloromethane  
 Concen: 18.784 ug/l  
 RT: 4.898 min Scan# 625  
 Delta R.T. 0.000 min  
 Lab File: VX039731.D  
 Acq: 12 Jan 2024 12:58

Tgt Ion: 49 Resp: 20519  
 Ion Ratio Lower Upper  
 49 100  
 129 1.4 0.0 3.8  
 130 70.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 93.051 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

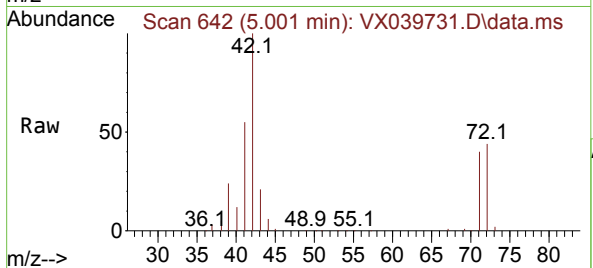
Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

ClientSampleId :



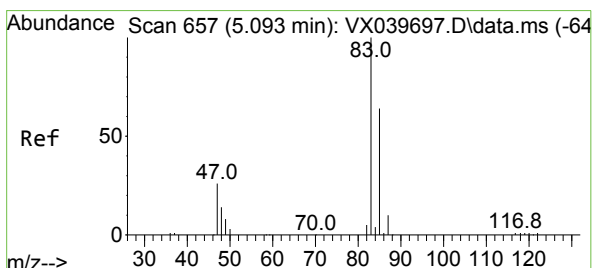
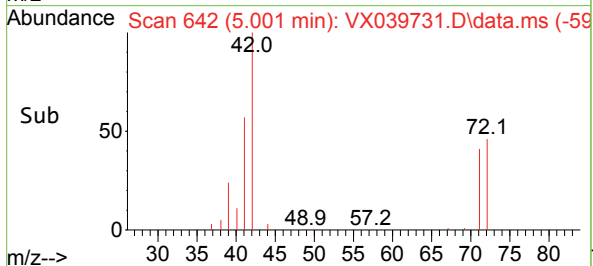
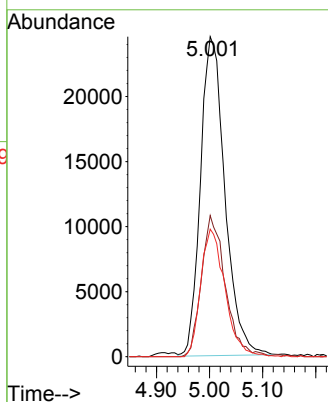
Tgt Ion: 42 Resp: 78570

Ion Ratio Lower Upper

42 100

72 43.2 34.2 51.4

71 39.7 32.2 48.2



#30

Chloroform

Concen: 19.023 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039731.D

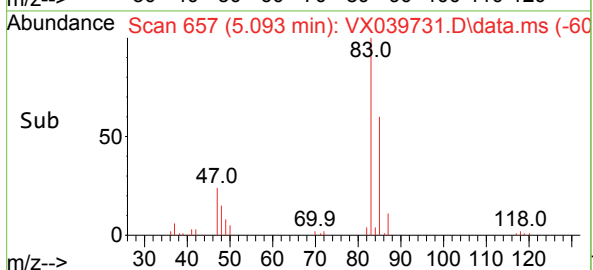
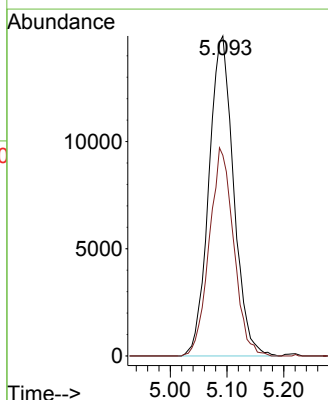
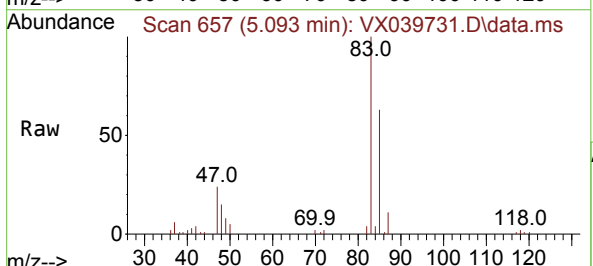
Acq: 12 Jan 2024 12:58

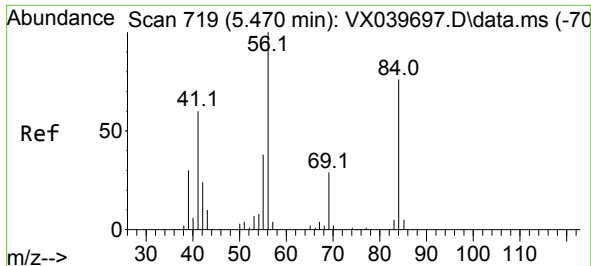
Tgt Ion: 83 Resp: 45254

Ion Ratio Lower Upper

83 100

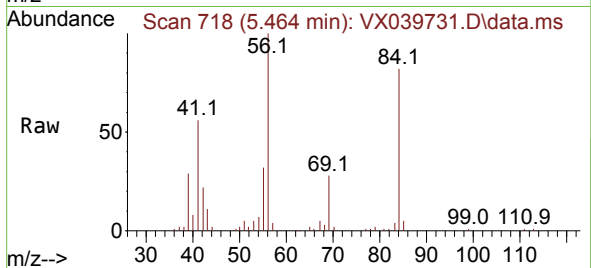
85 62.7 50.3 75.5



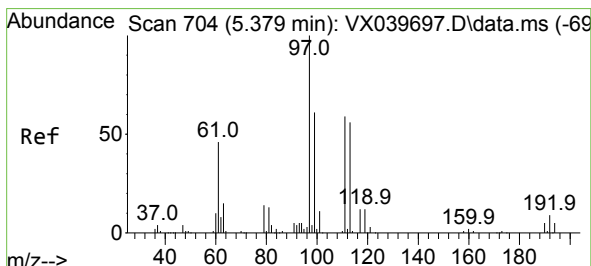
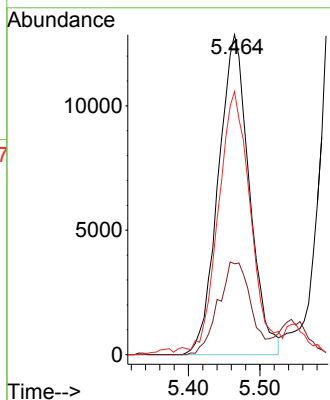
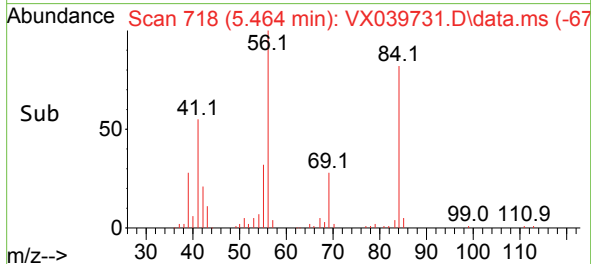


#31  
Cyclohexane  
Concen: 18.100 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Instrument :  
MSVOA\_X  
ClientSampleId :

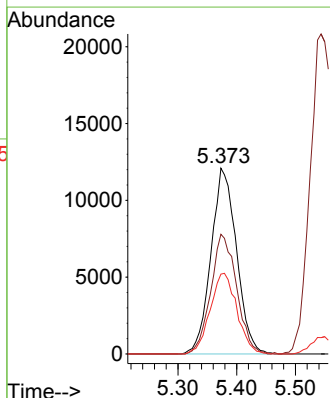
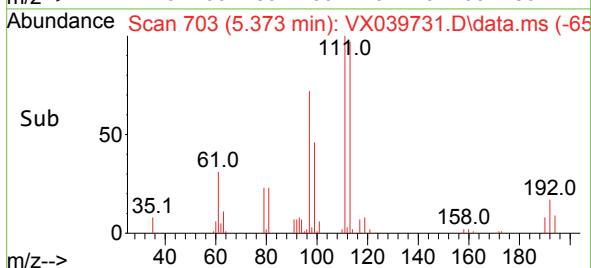
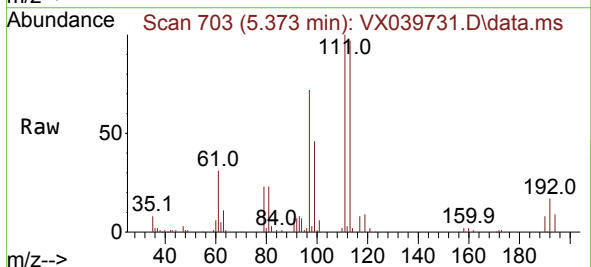


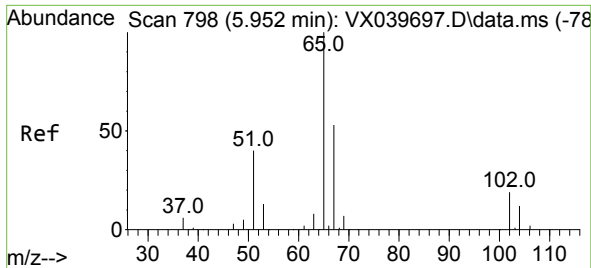
Tgt Ion: 56 Resp: 38775  
Ion Ratio Lower Upper  
56 100  
69 28.4 23.4 35.2  
84 80.5 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 17.909 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion: 97 Resp: 36475  
Ion Ratio Lower Upper  
97 100  
99 65.2 51.1 76.7  
61 45.6 36.4 54.6

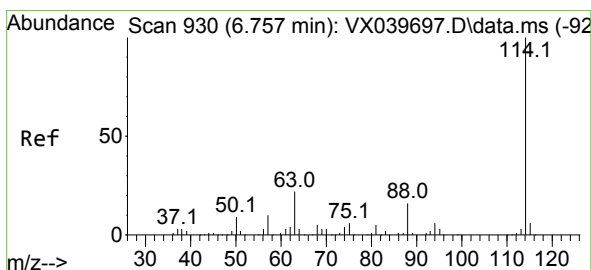
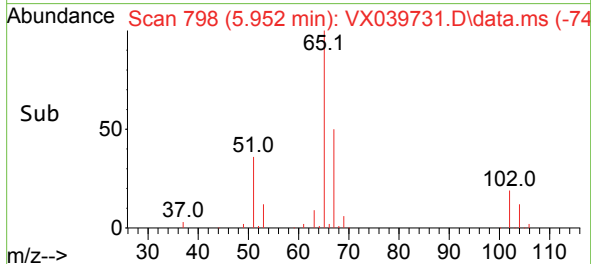
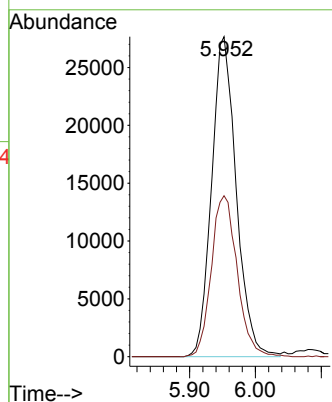
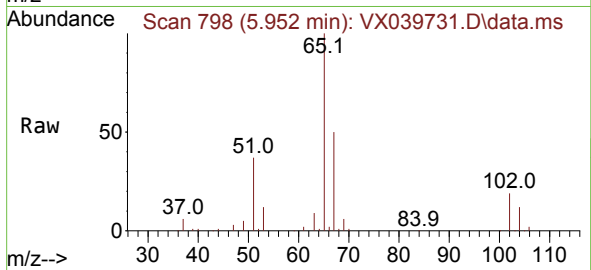




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.475 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. 0.000 min  
 Lab File: VX039731.D  
 Acq: 12 Jan 2024 12:58

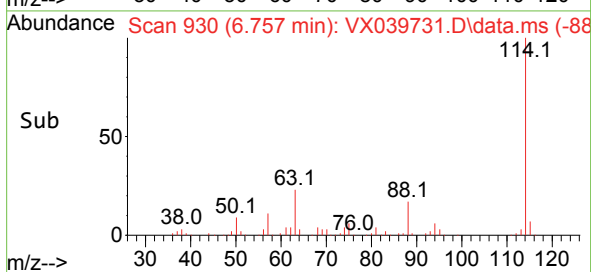
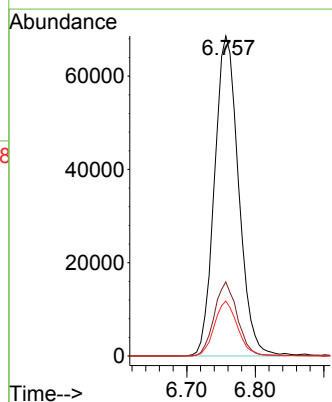
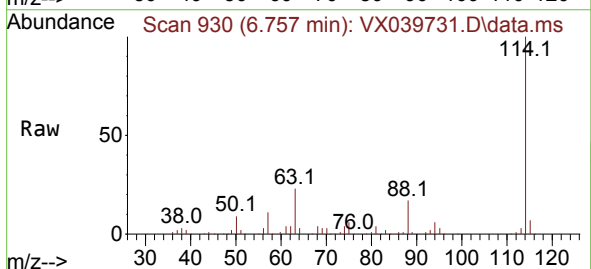
Instrument :  
 MSVOA\_X  
 ClientSampleId :

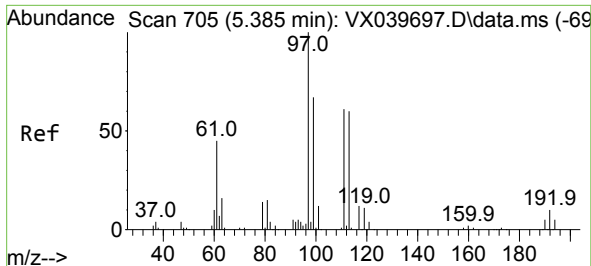
Tgt Ion: 65 Resp: 72192  
 Ion Ratio Lower Upper  
 65 100  
 67 52.7 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. 0.000 min  
 Lab File: VX039731.D  
 Acq: 12 Jan 2024 12:58

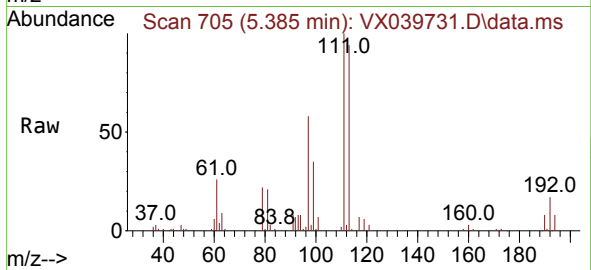
Tgt Ion: 114 Resp: 167255  
 Ion Ratio Lower Upper  
 114 100  
 63 23.2 0.0 45.0  
 88 17.2 0.0 36.6



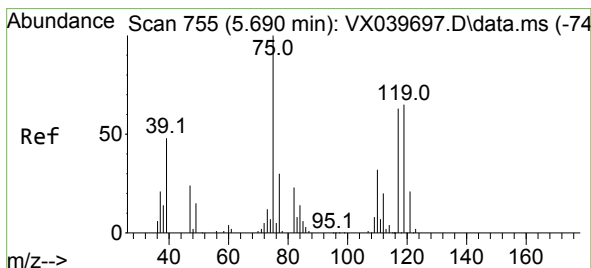
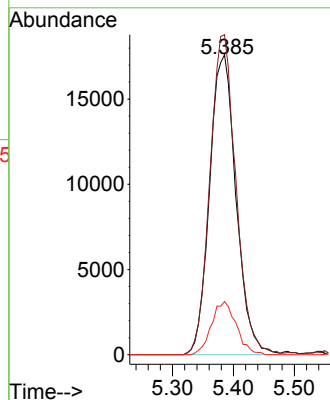
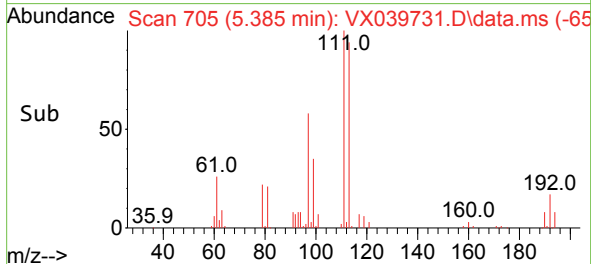


#35  
Dibromofluoromethane  
Concen: 47.080 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Instrument :  
MSVOA\_X  
ClientSampleId :

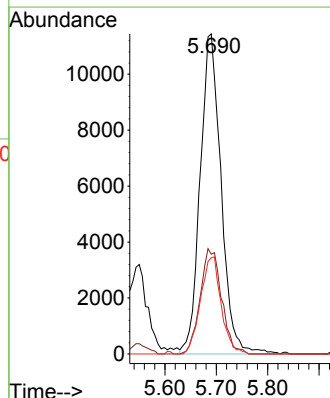
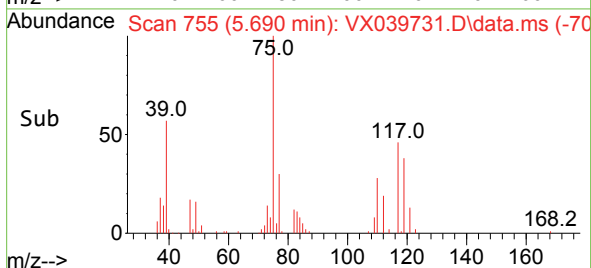
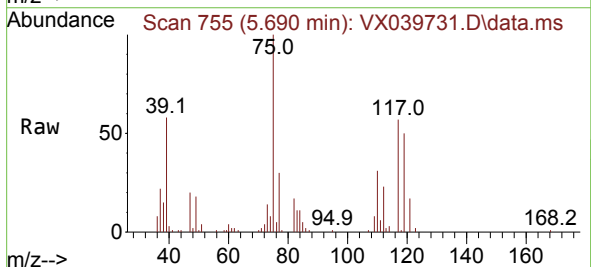


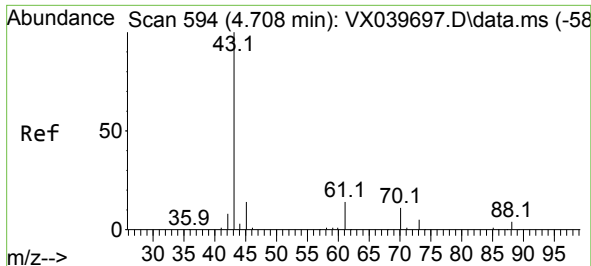
Tgt Ion:113 Resp: 53037  
Ion Ratio Lower Upper  
113 100  
111 105.0 82.9 124.3  
192 16.6 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 18.439 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion: 75 Resp: 32333  
Ion Ratio Lower Upper  
75 100  
110 33.6 17.0 50.9  
77 29.9 24.7 37.1





#37

Ethyl Acetate

Concen: 18.752 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

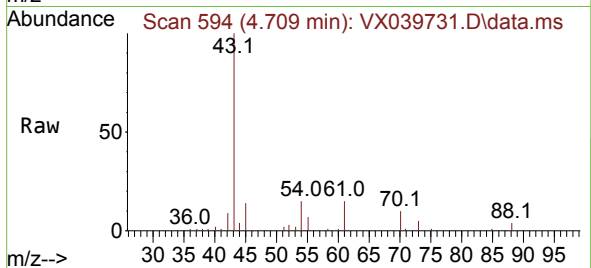
Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

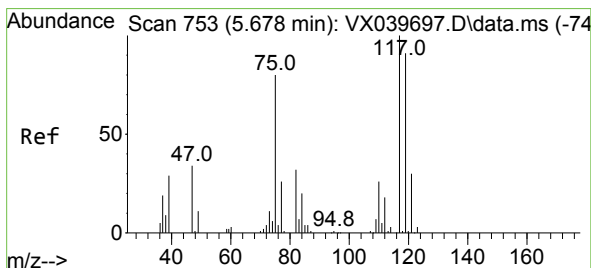
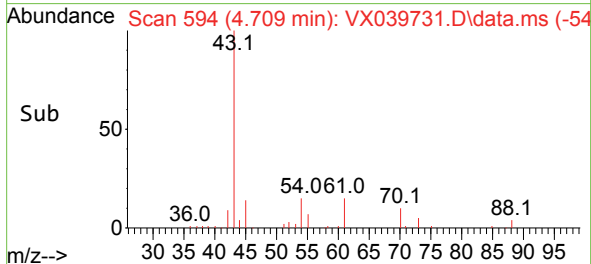
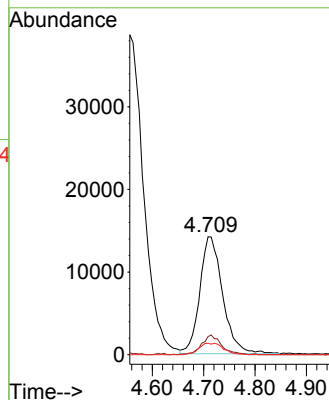
Instrument :

MSVOA\_X

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 43867 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.5  | 10.6  | 16.0  |
| 70       | 10.3  | 8.3   | 12.5  |



#38

Carbon Tetrachloride

Concen: 18.107 ug/l

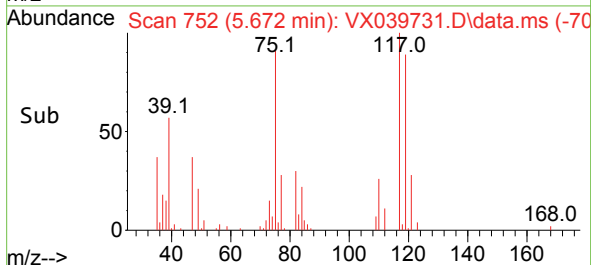
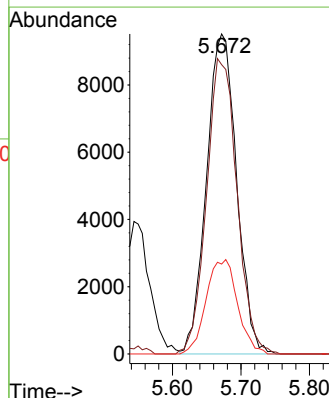
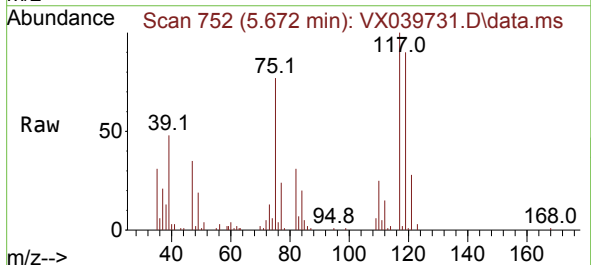
RT: 5.672 min Scan# 752

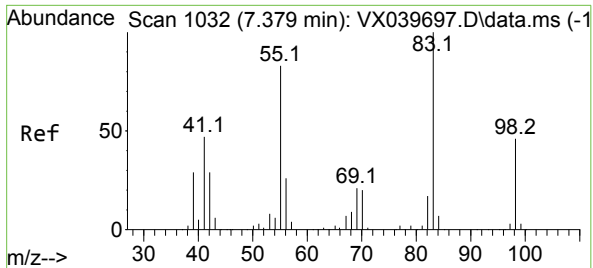
Delta R.T. -0.006 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 29080 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 90.4  | 78.2  | 117.2 |
| 121      | 28.1  | 24.4  | 36.6  |





#39

Methylcyclohexane

Concen: 19.306 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

ClientSampleId :

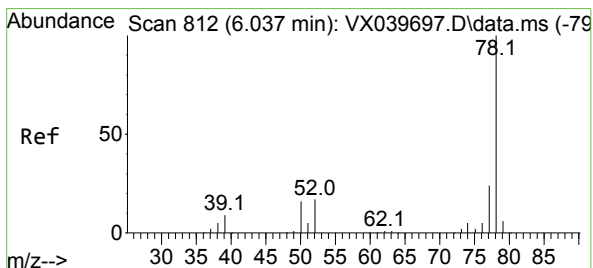
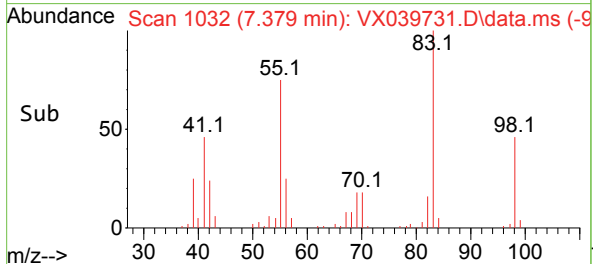
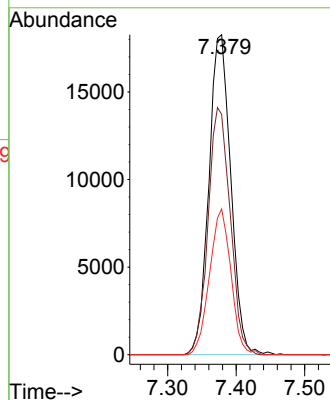
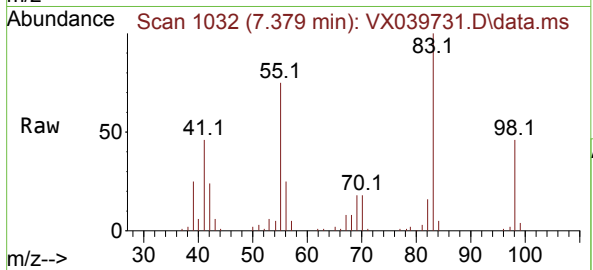
Tgt Ion: 83 Resp: 40652

Ion Ratio Lower Upper

83 100

55 75.1 64.6 97.0

98 45.6 36.7 55.1



#40

Benzene

Concen: 19.699 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX039731.D

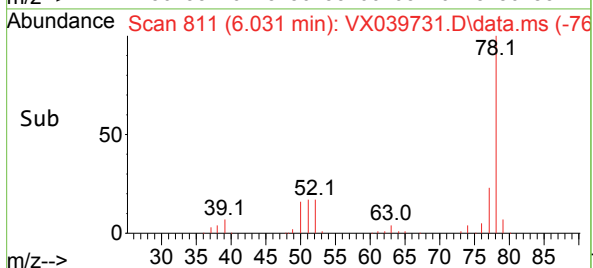
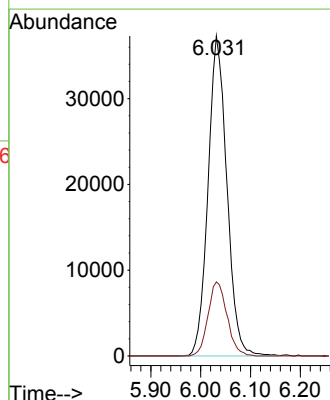
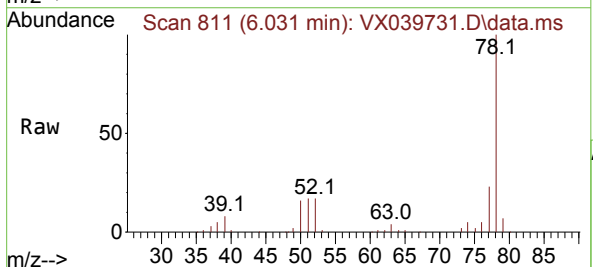
Acq: 12 Jan 2024 12:58

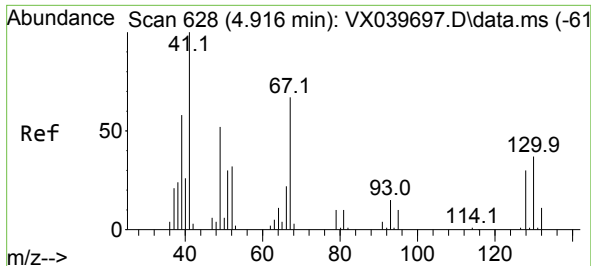
Tgt Ion: 78 Resp: 97811

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9

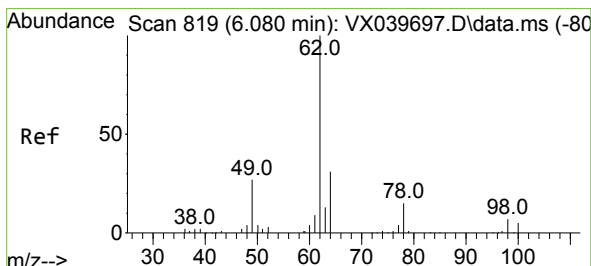
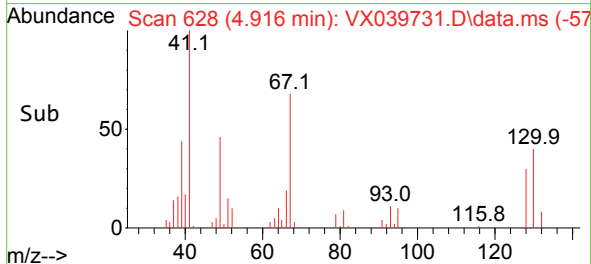
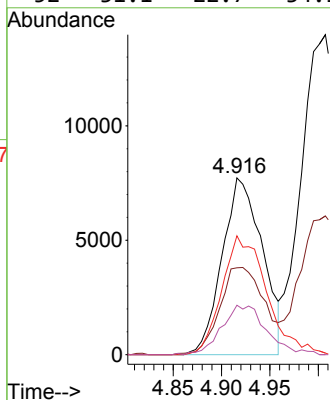
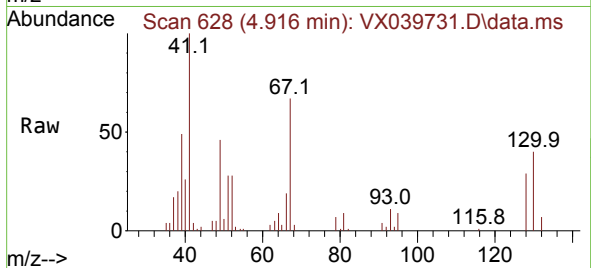




#41  
Methacrylonitrile  
Concen: 19.546 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

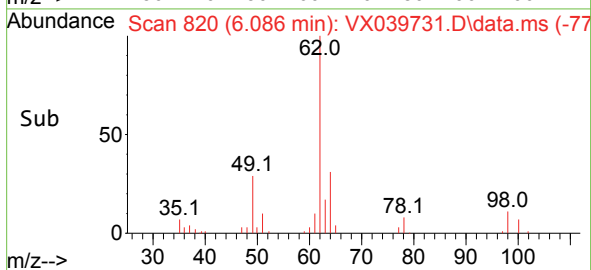
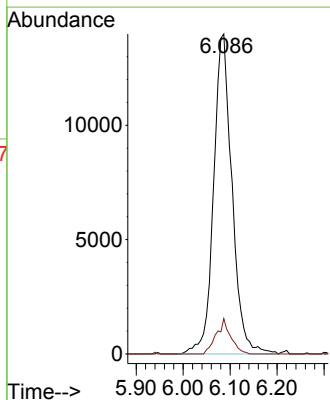
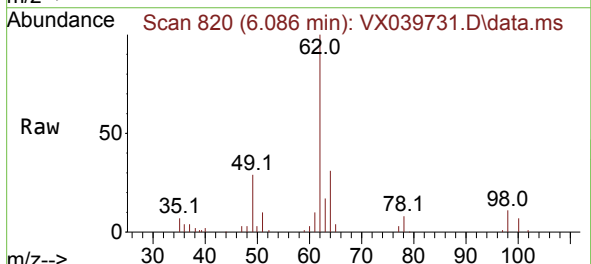
Instrument :  
MSVOA\_X  
ClientSampleId :

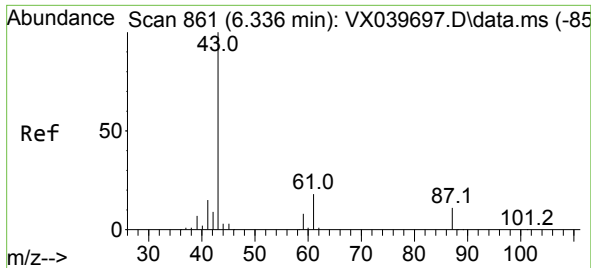
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 22360 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 54.6     | 45.2 67.8   |
| 67 74.6     | 52.6 78.8   |
| 52 31.1     | 22.7 34.1   |



#42  
1,2-Dichloroethane  
Concen: 20.189 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 38112 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 8.6      | 0.0 16.0    |

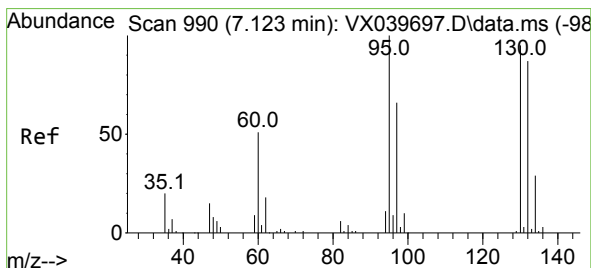
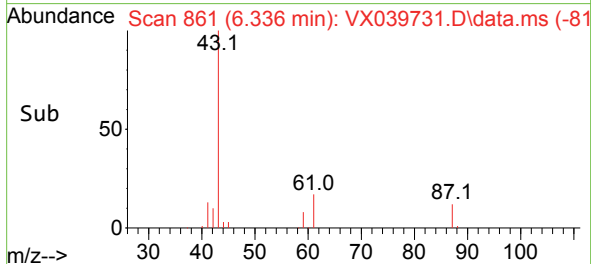
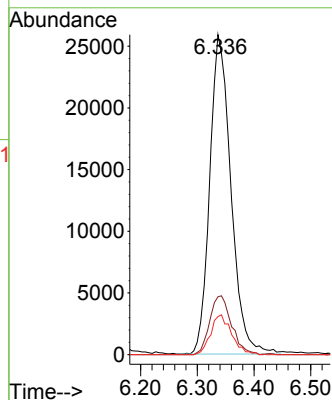
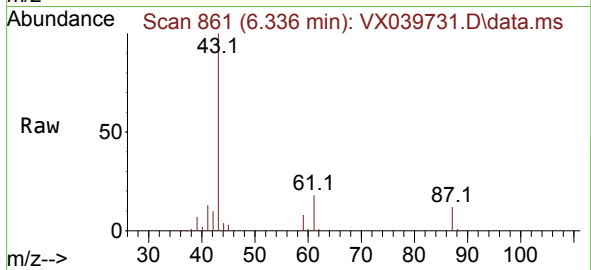




#43  
Isopropyl Acetate  
Concen: 19.605 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

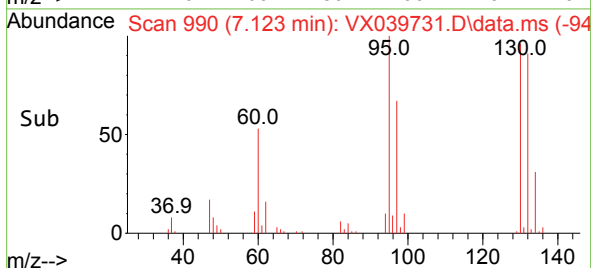
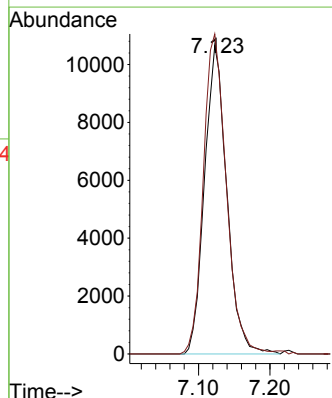
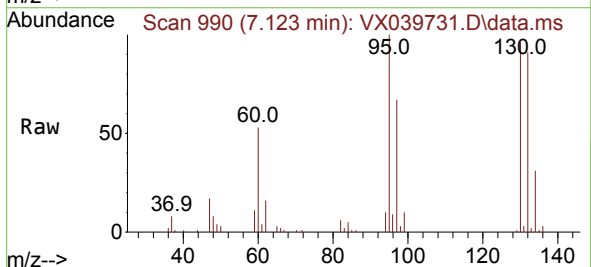
Instrument :  
MSVOA\_X  
ClientSampleId :

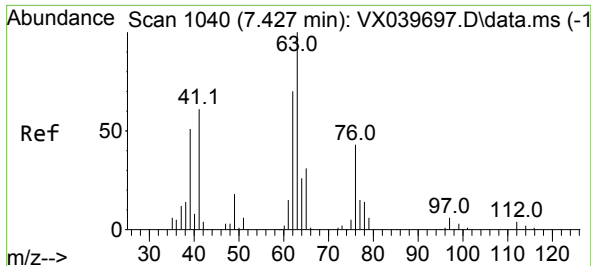
Tgt Ion: 43 Resp: 67277  
Ion Ratio Lower Upper  
43 100  
61 18.9 15.2 22.8  
87 12.4 9.8 14.6



#44  
Trichloroethene  
Concen: 19.018 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion:130 Resp: 23142  
Ion Ratio Lower Upper  
130 100  
95 103.8 0.0 204.4

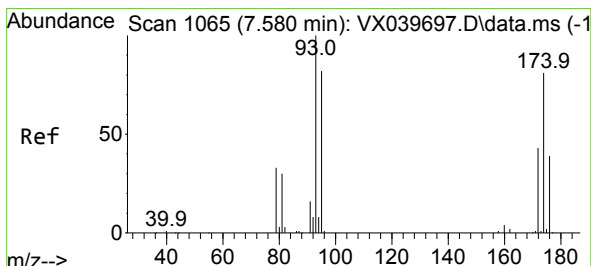
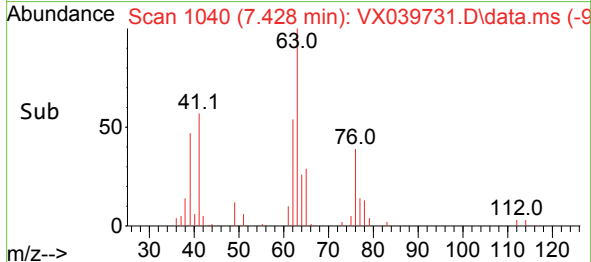
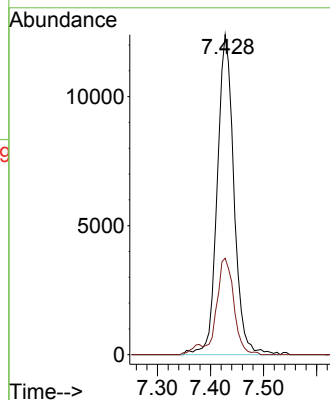
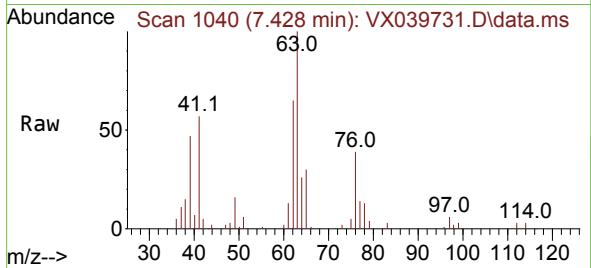




#45  
1,2-Dichloropropane  
Concen: 20.393 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

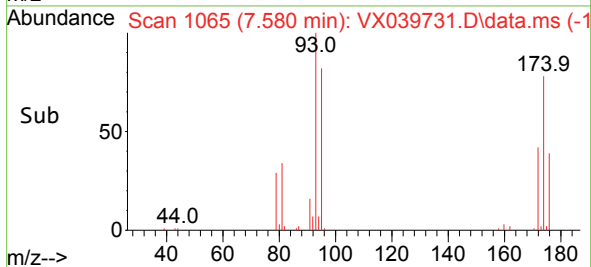
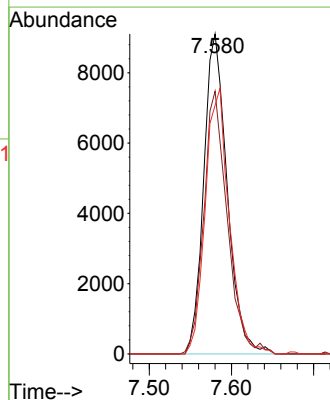
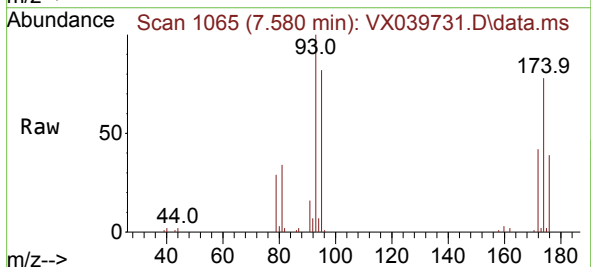
Instrument :  
MSVOA\_X  
ClientSampleId :

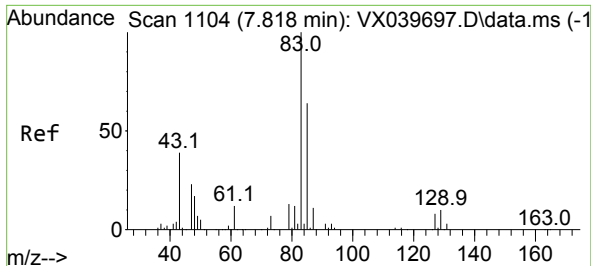
Tgt Ion: 63 Resp: 27163  
Ion Ratio Lower Upper  
63 100  
65 30.1 24.3 36.5



#46  
Dibromomethane  
Concen: 19.593 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

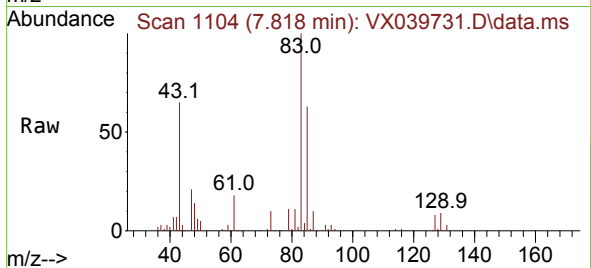
Tgt Ion: 93 Resp: 18025  
Ion Ratio Lower Upper  
93 100  
95 82.2 66.6 100.0  
174 85.3 69.4 104.0



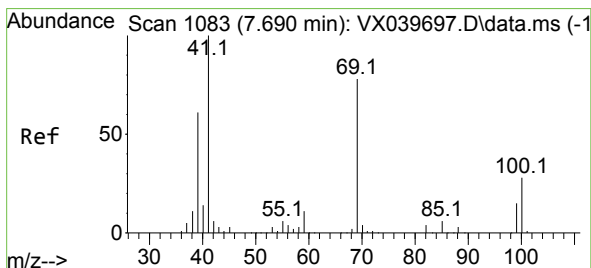
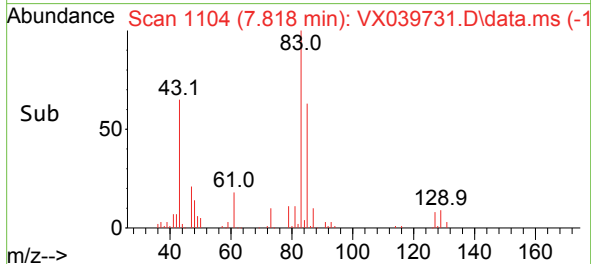
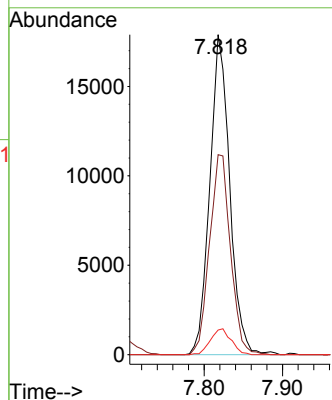


#47  
Bromodichloromethane  
Concen: 18.541 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Instrument :  
MSVOA\_X  
ClientSampleId :

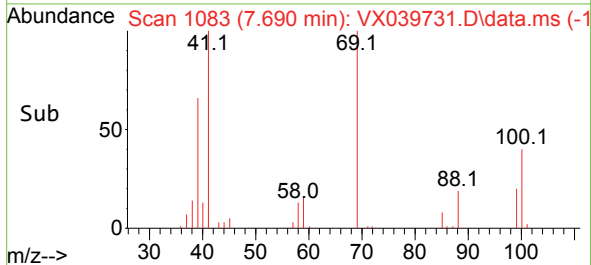
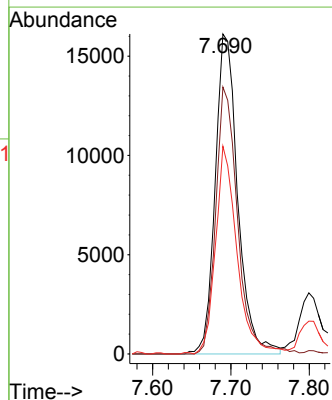
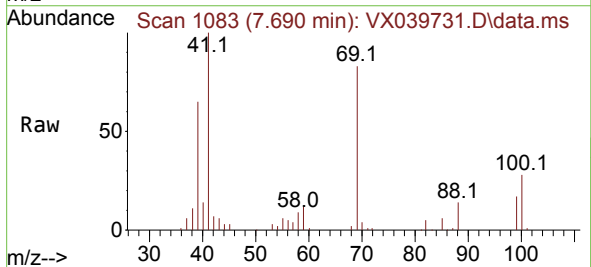


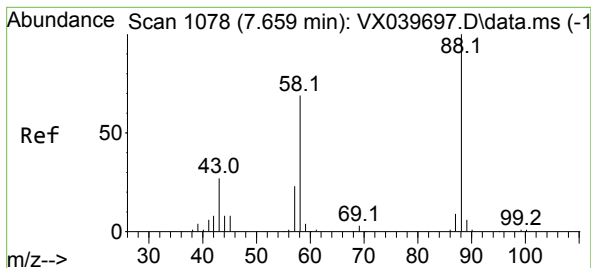
Tgt Ion: 83 Resp: 31591  
Ion Ratio Lower Upper  
83 100  
85 62.5 49.8 74.6  
127 7.7 7.1 10.7



#48  
Methyl methacrylate  
Concen: 19.141 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion: 41 Resp: 32287  
Ion Ratio Lower Upper  
41 100  
69 81.0 59.2 88.8  
39 61.7 47.7 71.5





#49

1,4-Dioxane

Concen: 426.307 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

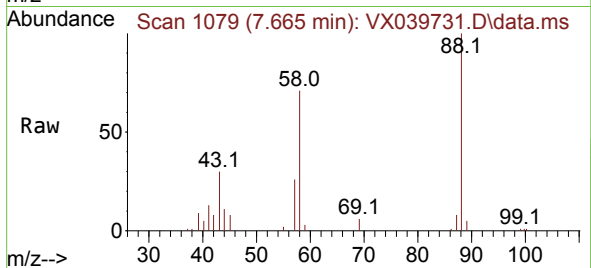
Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

ClientSampleId :



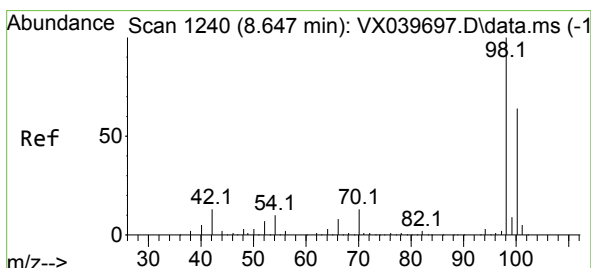
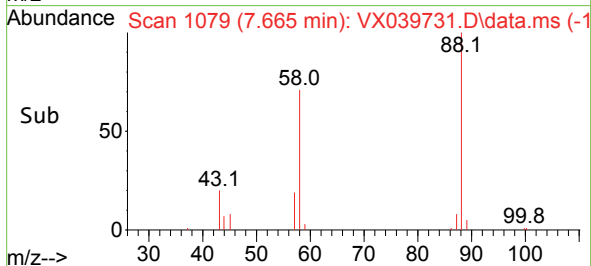
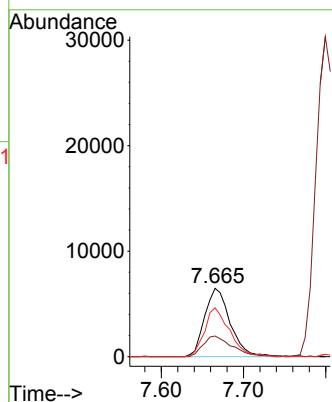
Tgt Ion: 88 Resp: 13914

Ion Ratio Lower Upper

88 100

43 35.1 0.0 0.0#

58 70.0 60.1 90.1



#50

Toluene-d8

Concen: 47.071 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039731.D

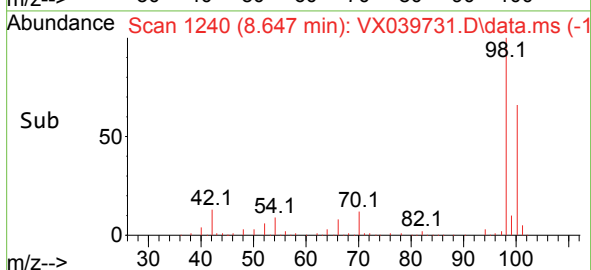
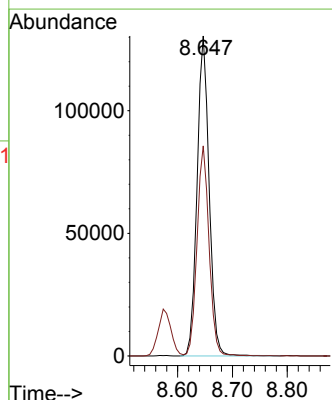
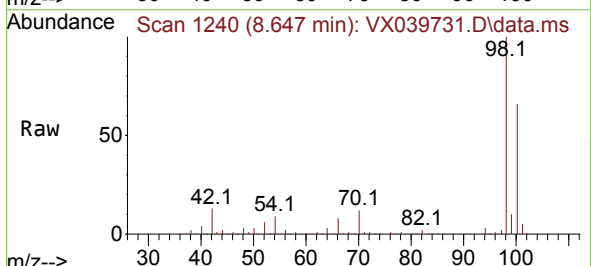
Acq: 12 Jan 2024 12:58

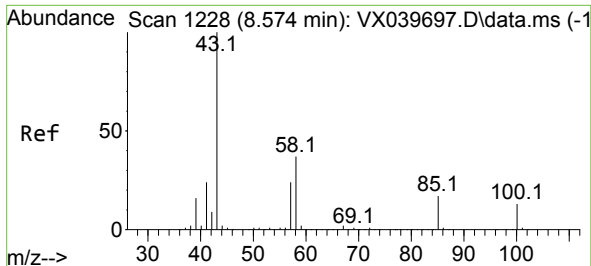
Tgt Ion: 98 Resp: 199994

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7

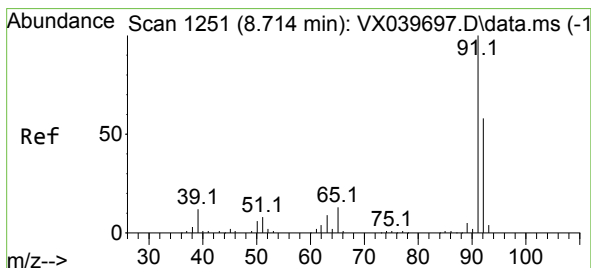
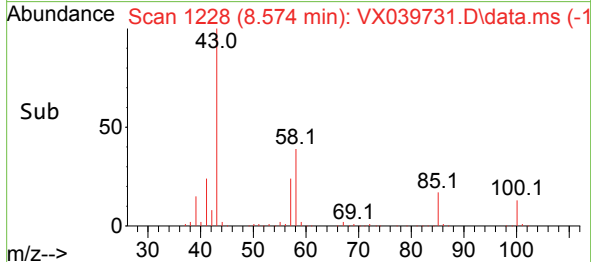
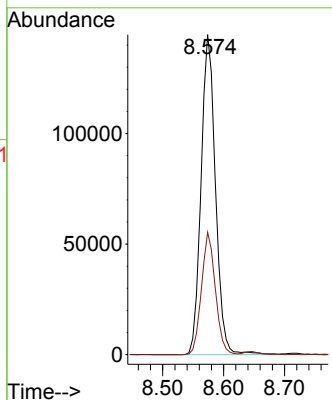
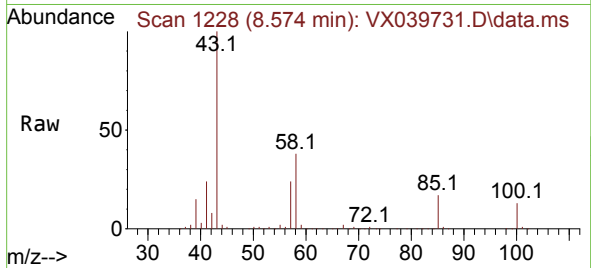




#51  
4-Methyl-2-Pentanone  
Concen: 100.940 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

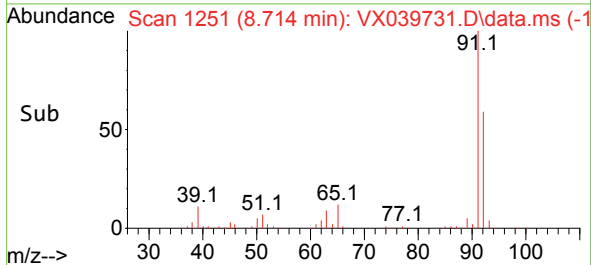
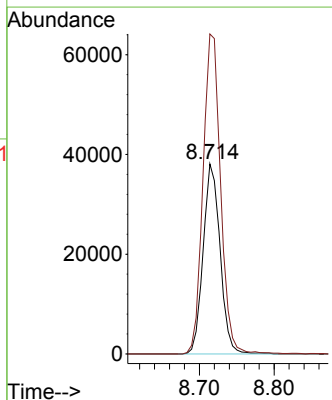
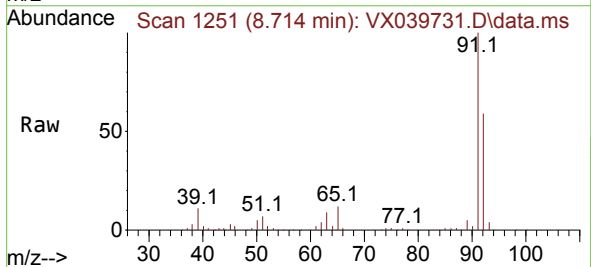
Instrument :  
MSVOA\_X  
ClientSampleId :

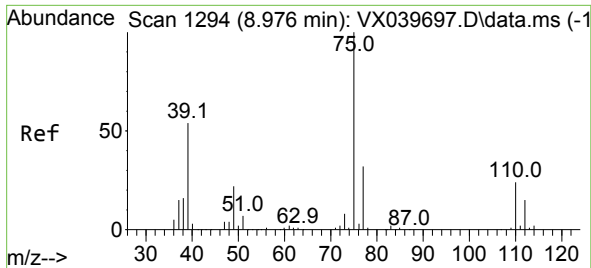
Tgt Ion: 43 Resp: 238564  
Ion Ratio Lower Upper  
43 100  
58 36.8 30.4 45.6



#52  
Toluene  
Concen: 20.212 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion: 92 Resp: 59944  
Ion Ratio Lower Upper  
92 100  
91 175.2 134.2 201.2

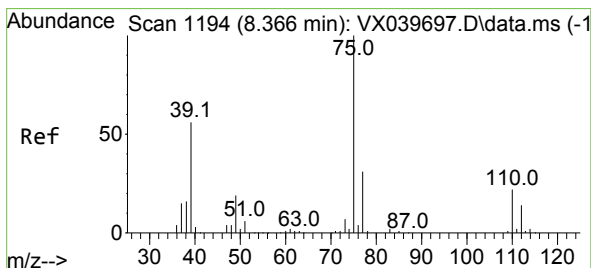
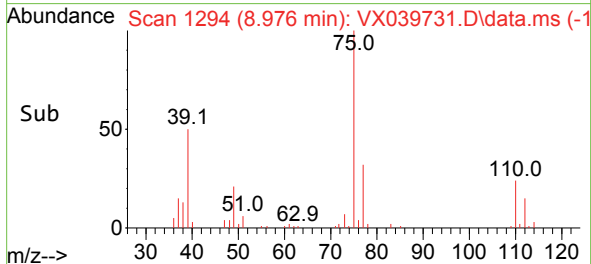
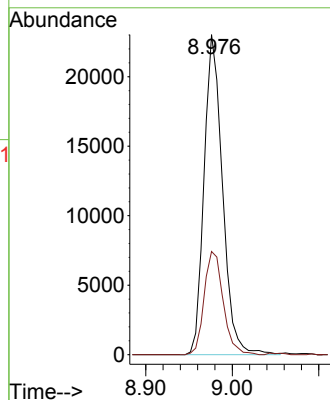
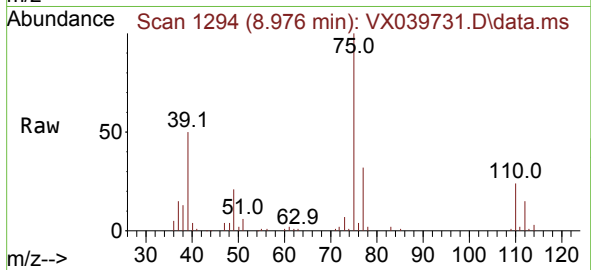




#53  
 t-1,3-Dichloropropene  
 Concen: 18.827 ug/l  
 RT: 8.976 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX039731.D  
 Acq: 12 Jan 2024 12:58

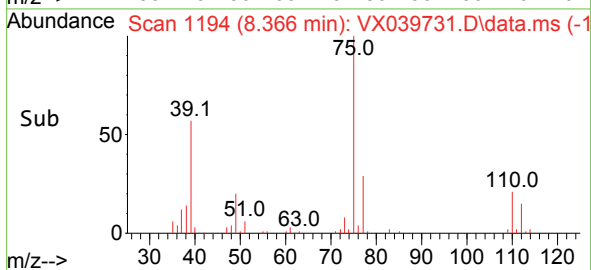
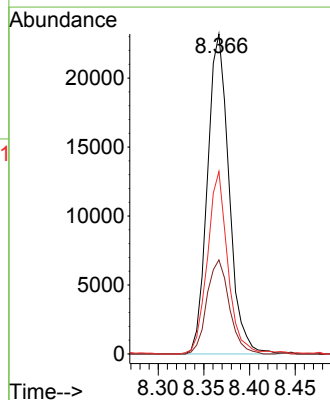
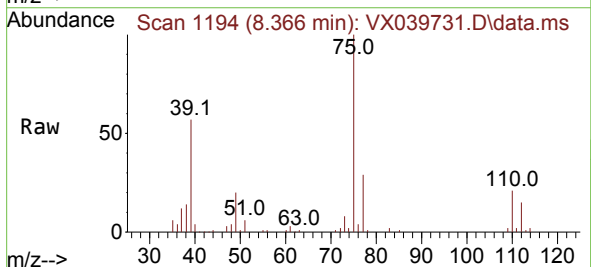
Instrument :  
 MSVOA\_X  
 ClientSampleId :

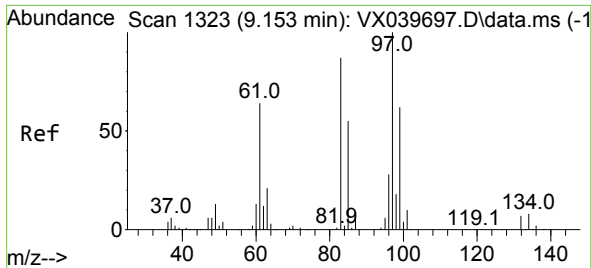
Tgt Ion: 75 Resp: 34039  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.126 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX039731.D  
 Acq: 12 Jan 2024 12:58

Tgt Ion: 75 Resp: 38024  
 Ion Ratio Lower Upper  
 75 100  
 77 29.4 25.3 37.9  
 39 57.0 46.7 70.1

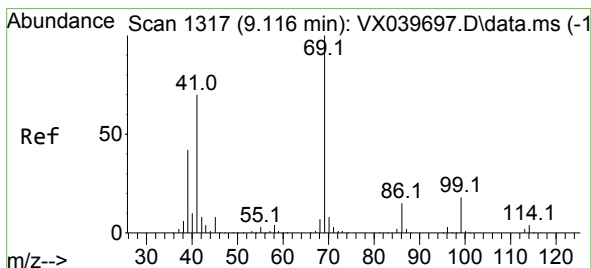
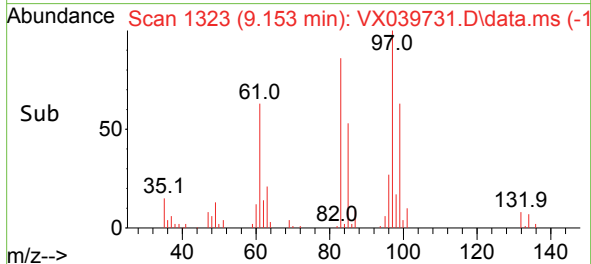
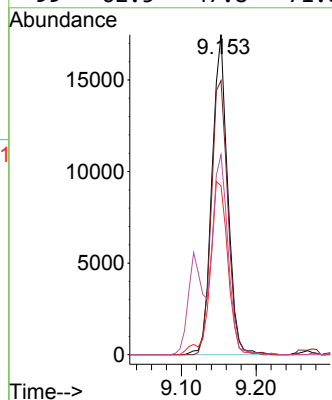
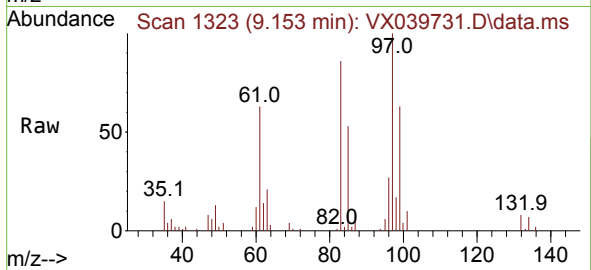




#55  
1,1,2-Trichloroethane  
Concen: 20.155 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

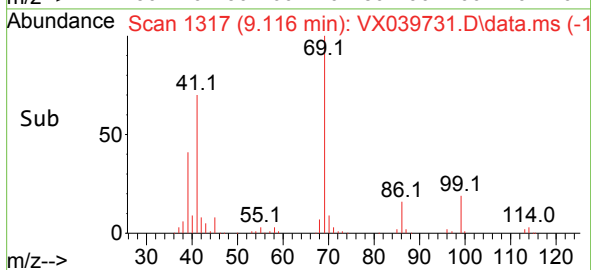
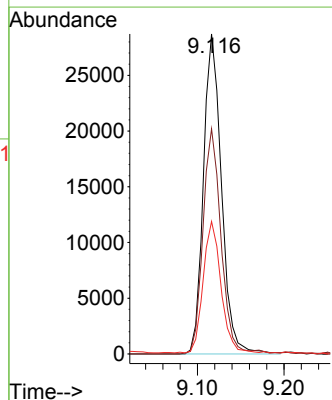
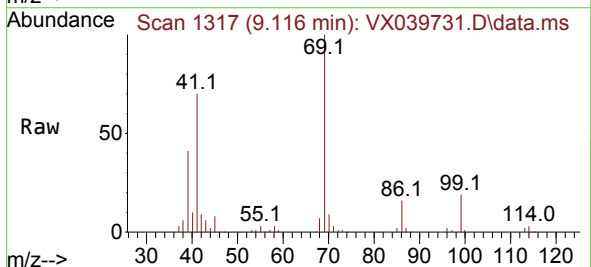
Instrument :  
MSVOA\_X  
ClientSampleId :

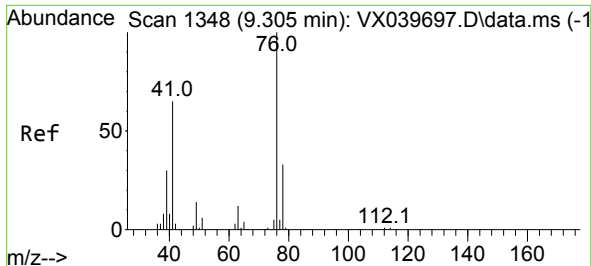
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 25449 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 85.6     | 65.8 98.8   |
| 85 52.7     | 41.6 62.4   |
| 99 62.5     | 47.8 71.8   |



#56  
Ethyl methacrylate  
Concen: 20.358 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 41603 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 70.6     | 56.8 85.2   |
| 39 41.0     | 32.0 48.0   |





#57

1,3-Dichloropropane

Concen: 20.432 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

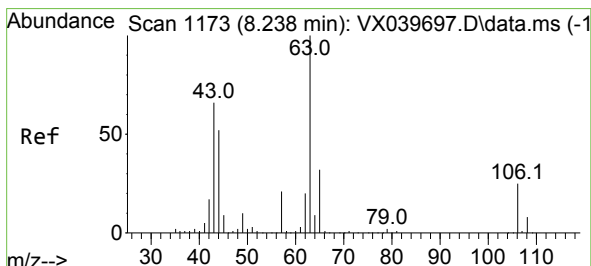
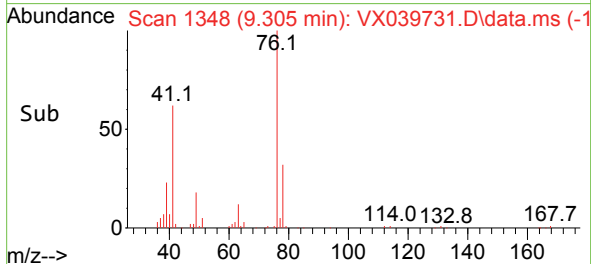
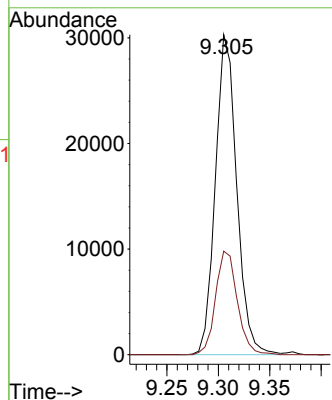
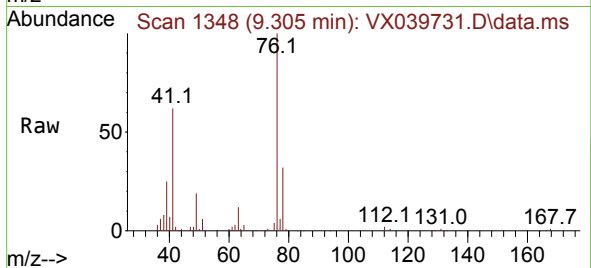
ClientSampleId :

Tgt Ion: 76 Resp: 43720

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 94.576 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039731.D

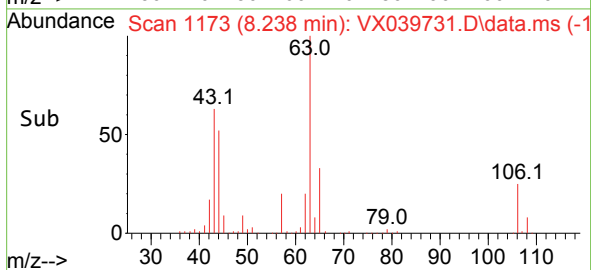
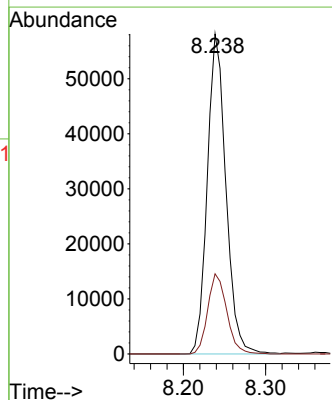
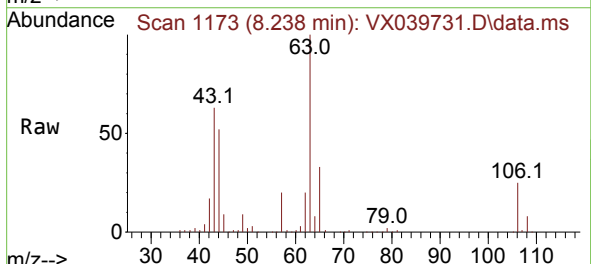
Acq: 12 Jan 2024 12:58

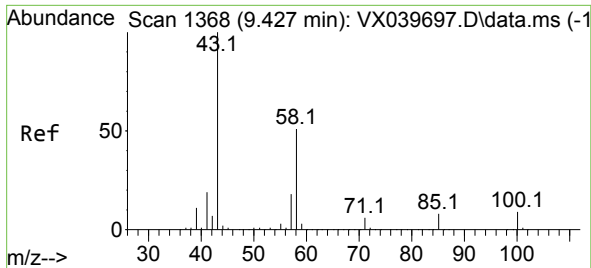
Tgt Ion: 63 Resp: 91357

Ion Ratio Lower Upper

63 100

106 25.6 22.5 33.7

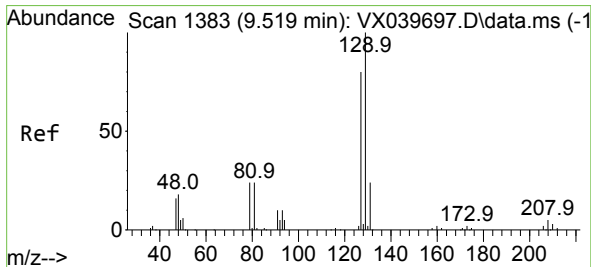
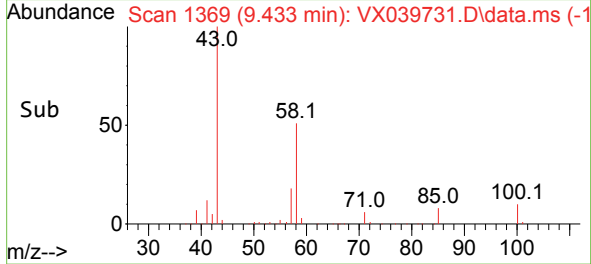
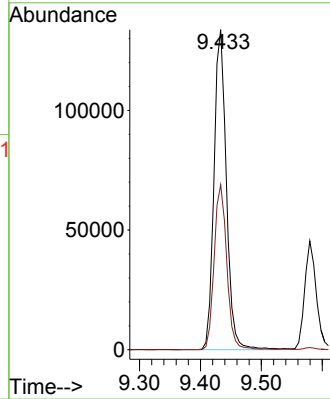
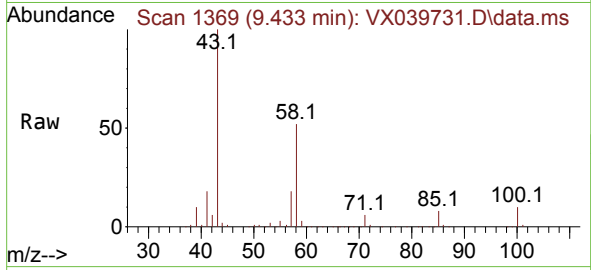




#59  
2-Hexanone  
Concen: 100.930 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

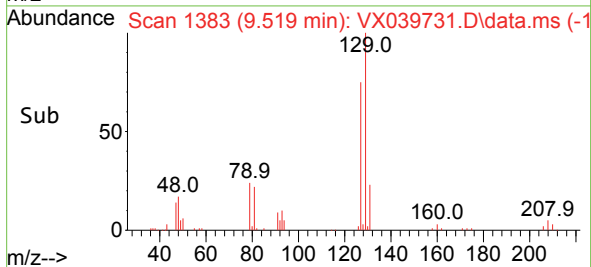
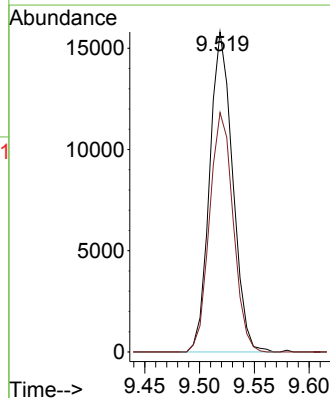
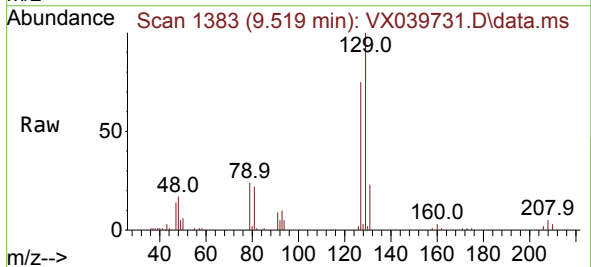
Instrument :  
MSVOA\_X  
ClientSampleId :

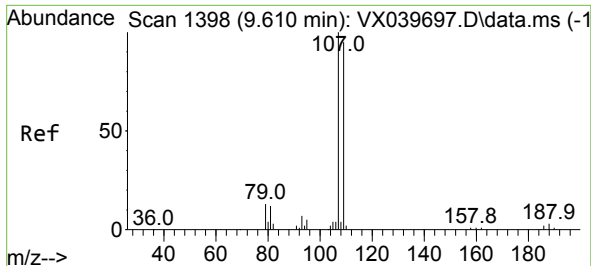
Tgt Ion: 43 Resp: 188791  
Ion Ratio Lower Upper  
43 100  
58 52.5 26.2 78.5



#60  
Dibromochloromethane  
Concen: 19.376 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion:129 Resp: 23072  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.8 116.4

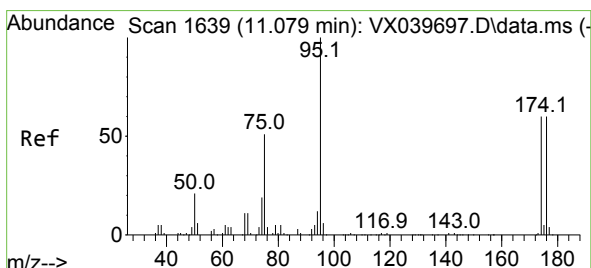
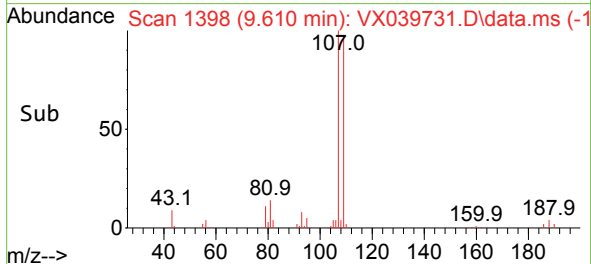
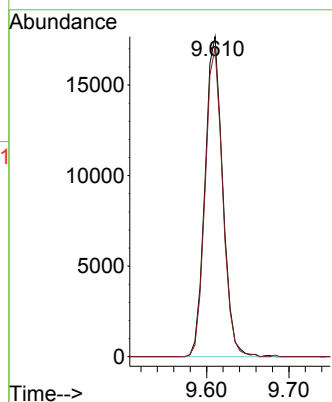
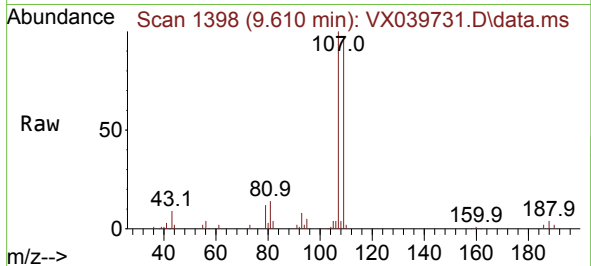




#61  
1,2-Dibromoethane  
Concen: 20.222 ug/l  
RT: 9.610 min Scan# 1133  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

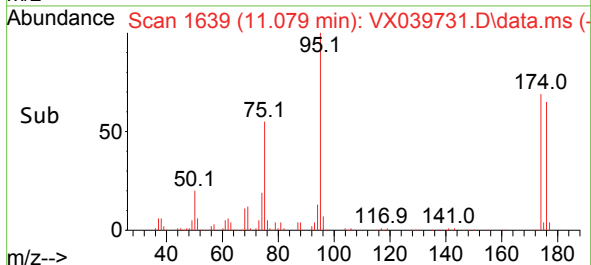
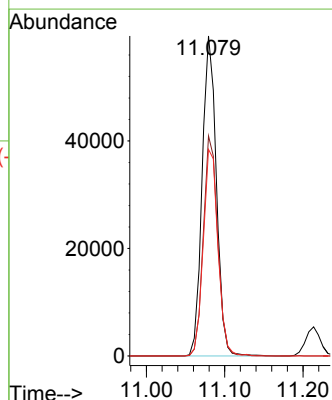
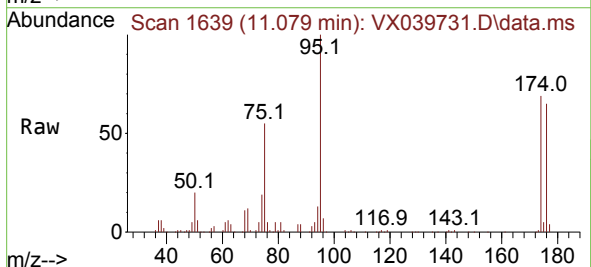
Instrument :  
MSVOA\_X  
ClientSampleId :

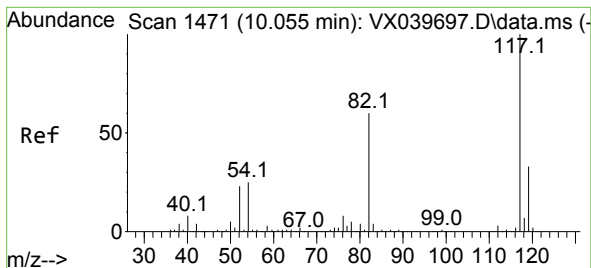
Tgt Ion:107 Resp: 26442  
Ion Ratio Lower Upper  
107 100  
109 95.5 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 45.161 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion: 95 Resp: 75035  
Ion Ratio Lower Upper  
95 100  
174 69.4 0.0 135.6  
176 66.8 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

ClientSampleId :

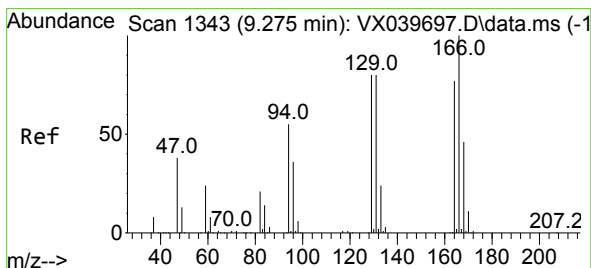
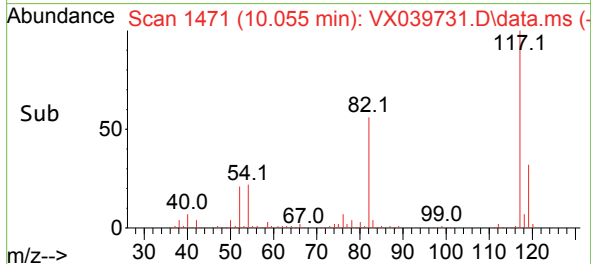
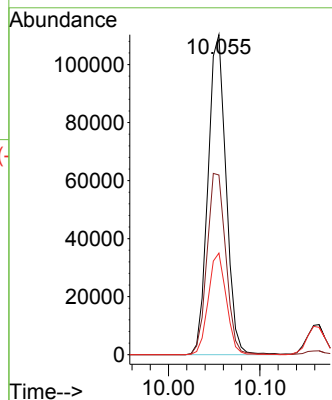
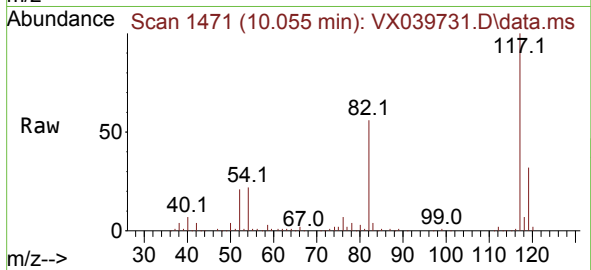
Tgt Ion:117 Resp: 150821

Ion Ratio Lower Upper

117 100

82 56.1 46.2 69.4

119 31.8 25.5 38.3



#64

Tetrachloroethene

Concen: 19.508 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Tgt Ion:164 Resp: 19133

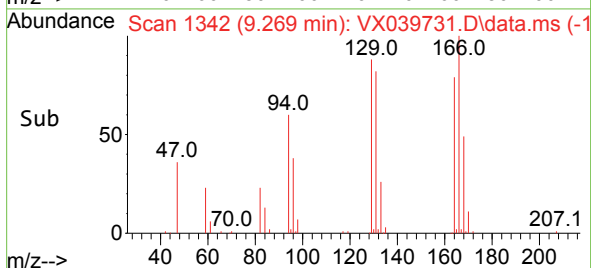
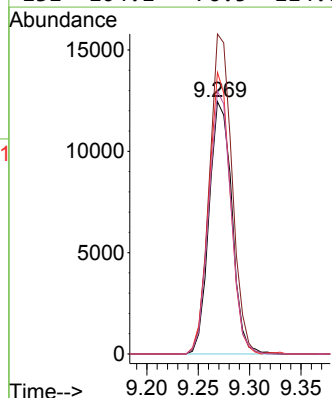
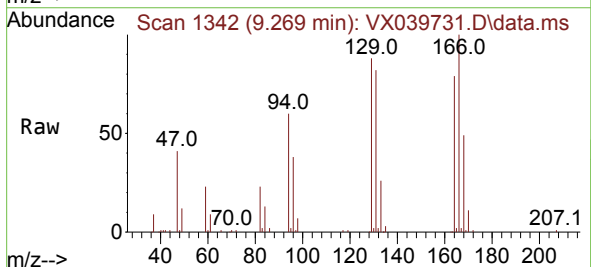
Ion Ratio Lower Upper

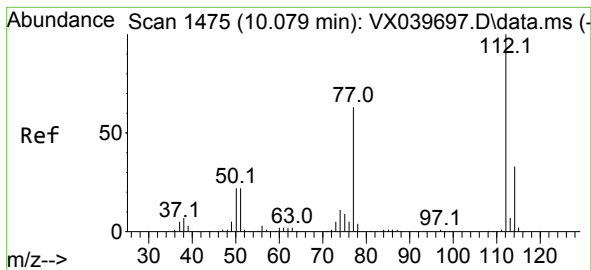
164 100

166 126.8 102.7 154.1

129 111.6 80.4 120.6

131 104.1 76.5 114.7

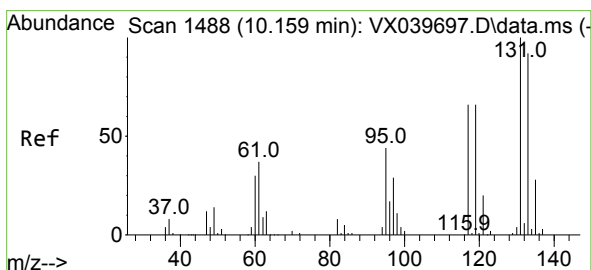
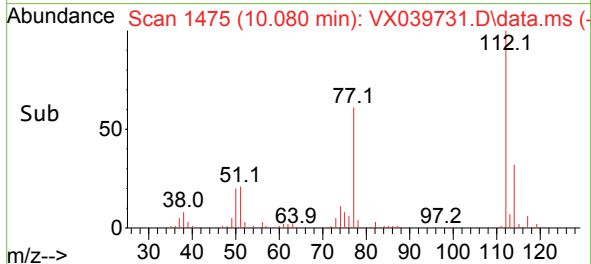
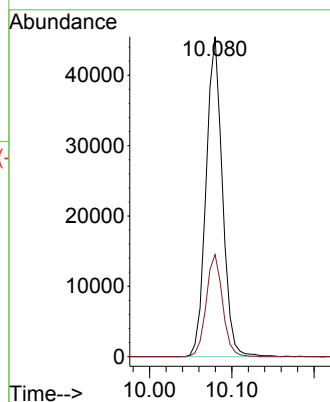
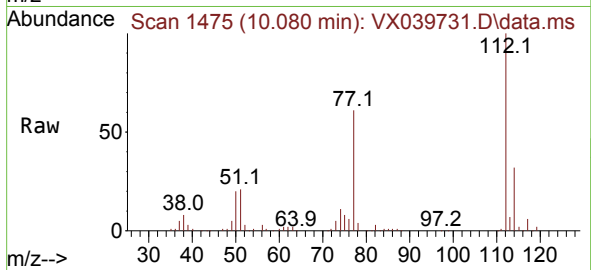




#65  
Chlorobenzene  
Concen: 19.956 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

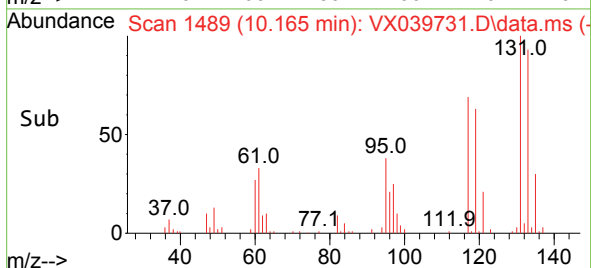
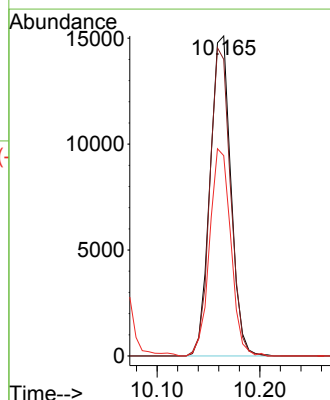
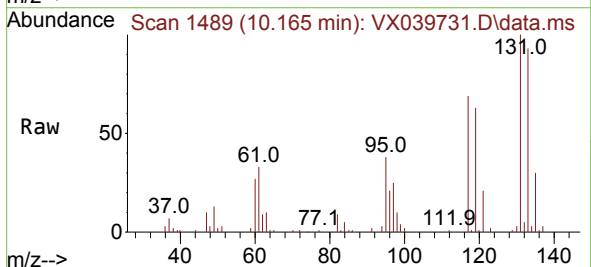
Instrument :  
MSVOA\_X  
ClientSampleId :

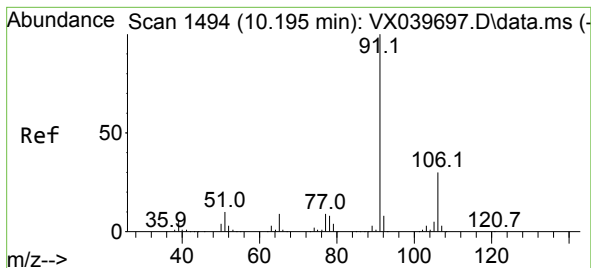
Tgt Ion:112 Resp: 62686  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.847 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.006 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion:131 Resp: 21229  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.1 141.4  
119 65.8 32.2 96.6





#67

Ethyl Benzene

Concen: 19.751 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

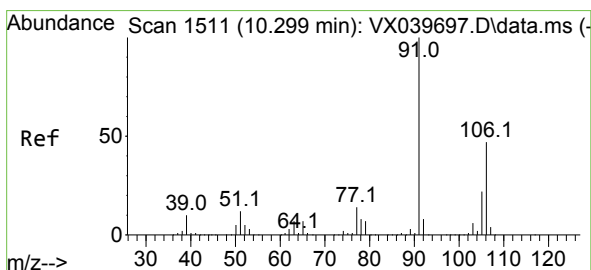
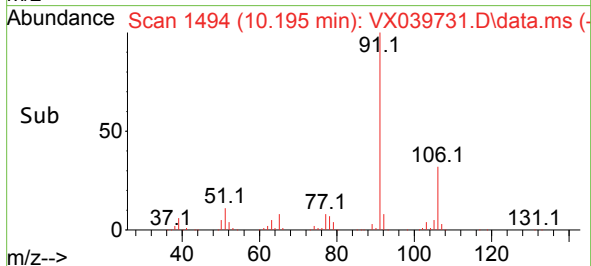
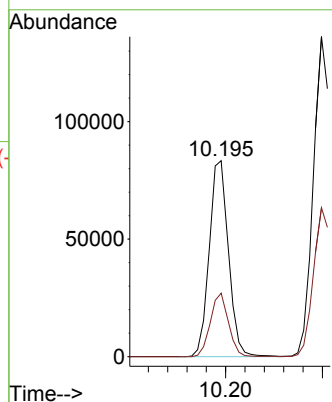
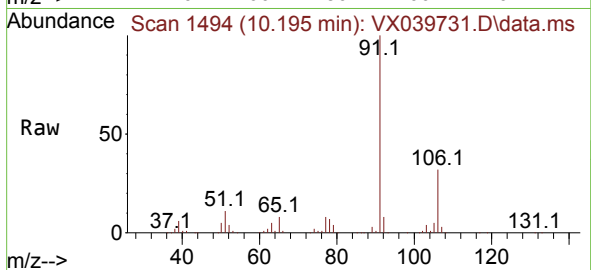
ClientSampleId :

Tgt Ion: 91 Resp: 115189

Ion Ratio Lower Upper

91 100

106 32.4 24.9 37.3



#68

m/p-Xylenes

Concen: 39.988 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039731.D

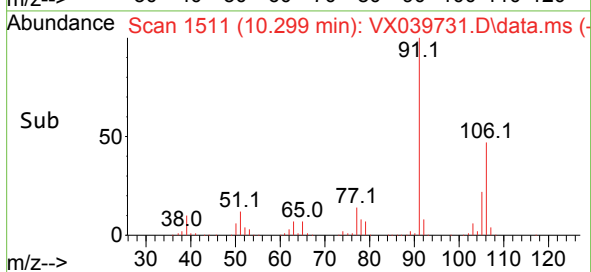
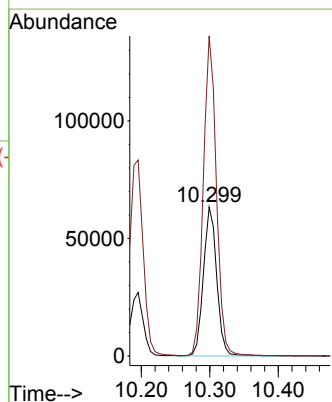
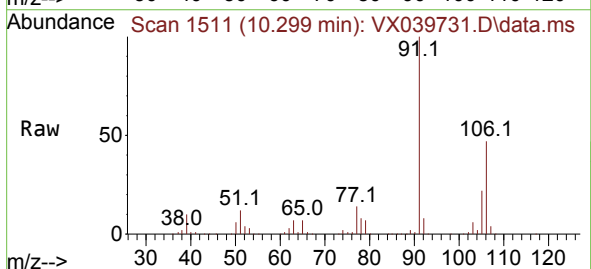
Acq: 12 Jan 2024 12:58

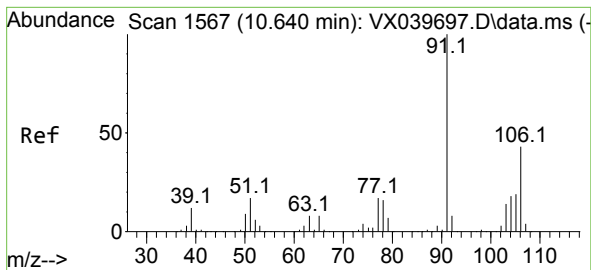
Tgt Ion:106 Resp: 85767

Ion Ratio Lower Upper

106 100

91 211.4 165.5 248.3

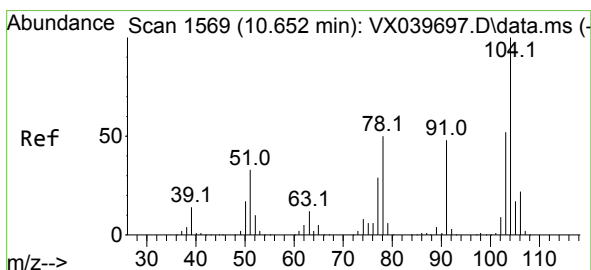
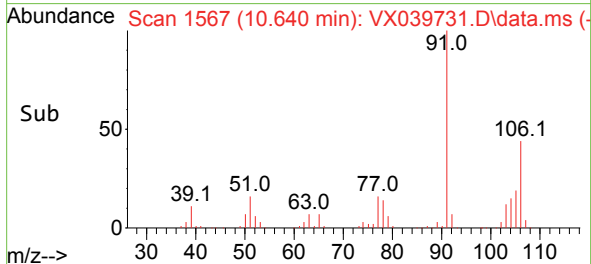
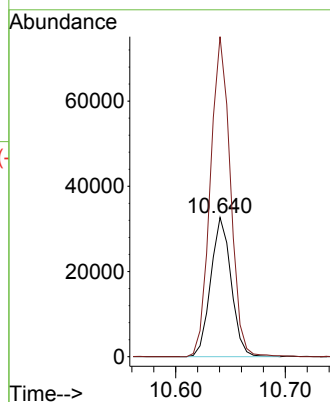
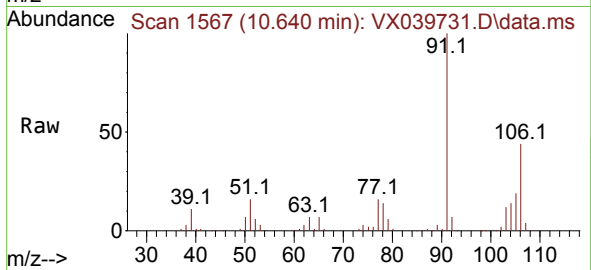




#69  
o-Xylene  
Concen: 19.927 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

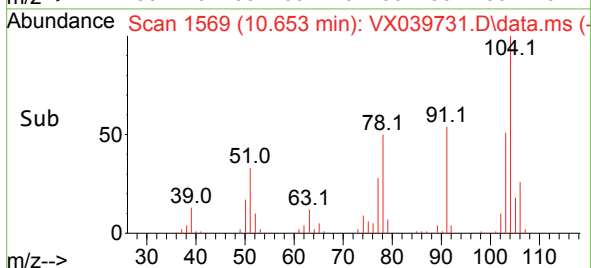
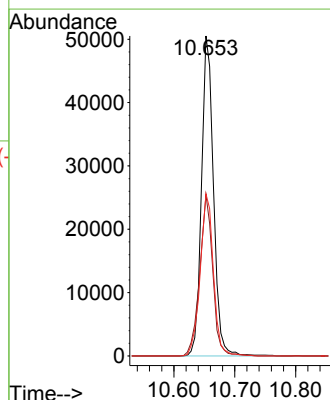
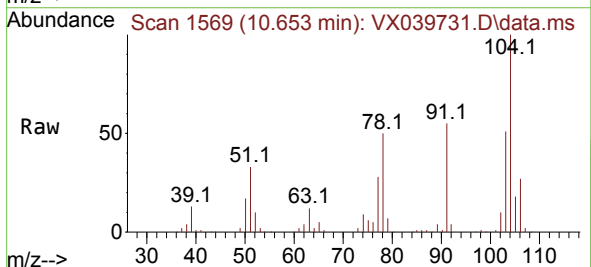
Instrument :  
MSVOA\_X  
ClientSampleId :

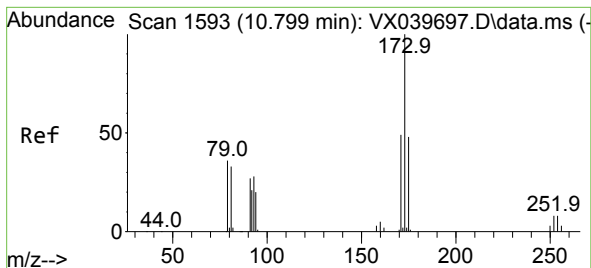
Tgt Ion:106 Resp: 42325  
Ion Ratio Lower Upper  
106 100  
91 225.6 108.9 326.8



#70  
Styrene  
Concen: 19.982 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion:104 Resp: 69332  
Ion Ratio Lower Upper  
104 100  
78 54.7 43.6 65.4  
103 55.7 43.6 65.4





#71

Bromoform

Concen: 19.178 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

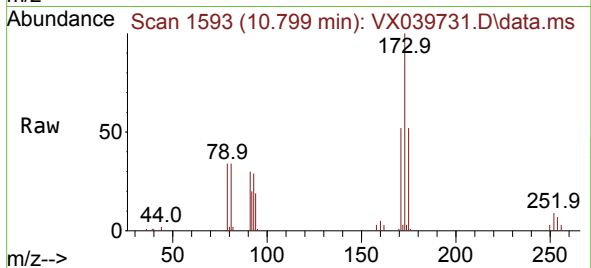
Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

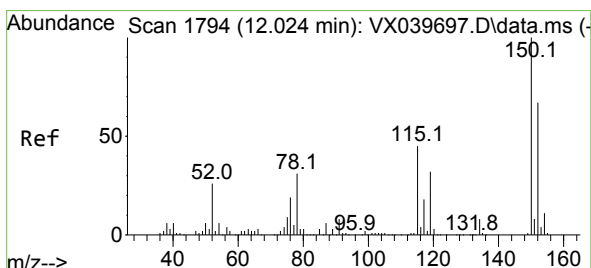
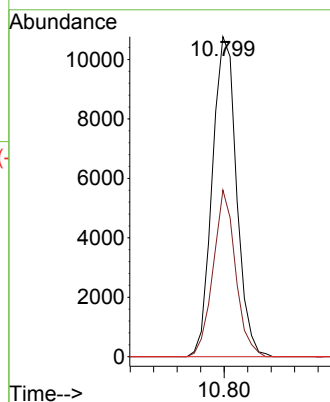
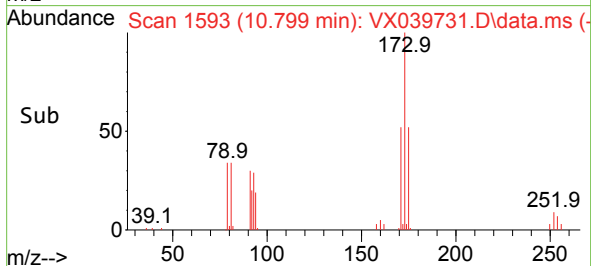
Instrument :

MSVOA\_X

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 15403 |
| 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

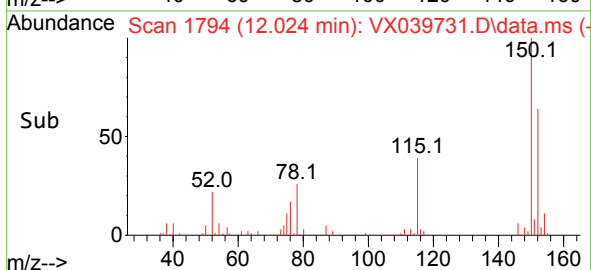
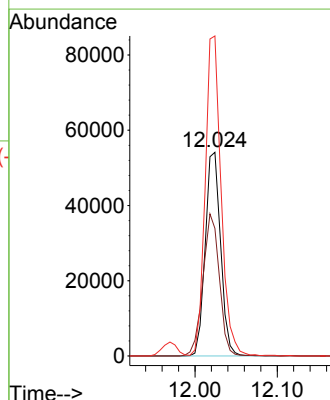
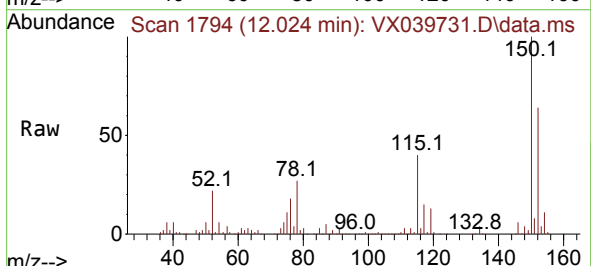
RT: 12.024 min Scan# 1794

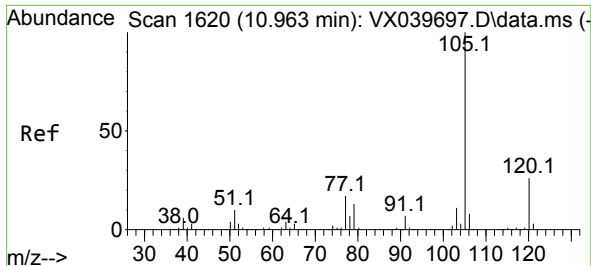
Delta R.T. 0.000 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 70384 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 74.5  | 43.3  | 129.9 |
| 150       | 163.0 | 0.0   | 345.0 |

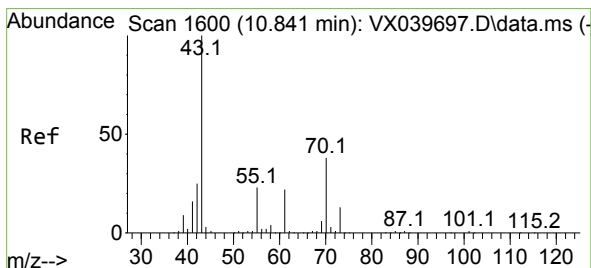
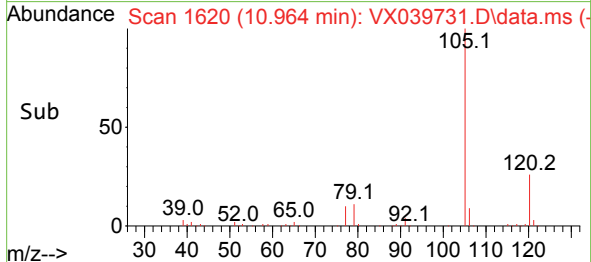
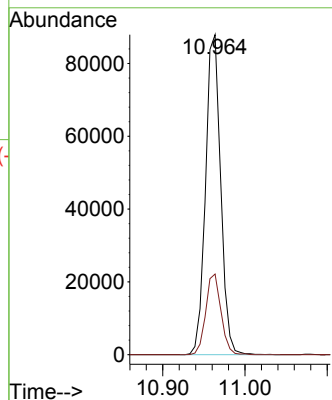
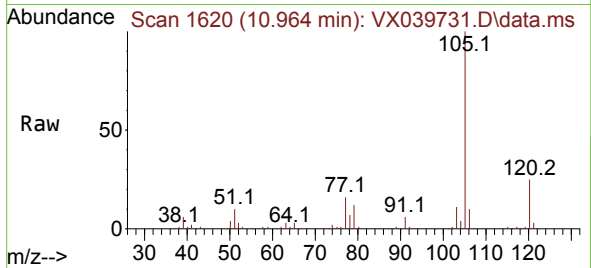




#73  
Isopropylbenzene  
Concen: 20.054 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

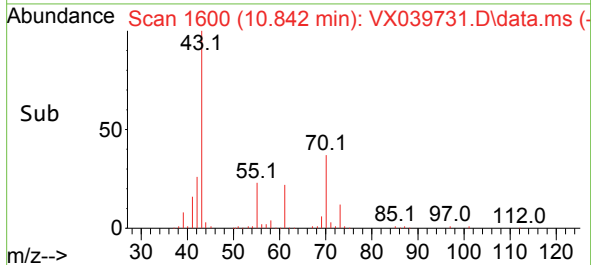
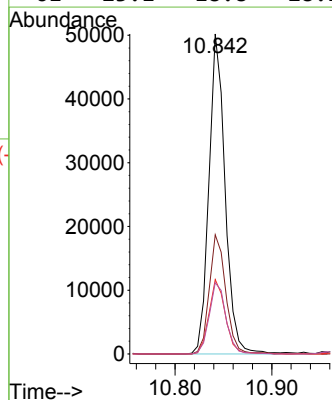
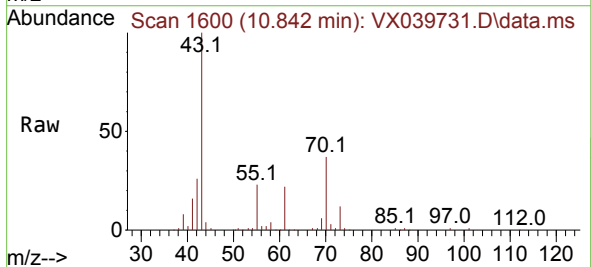
Instrument :  
MSVOA\_X  
ClientSampleId :

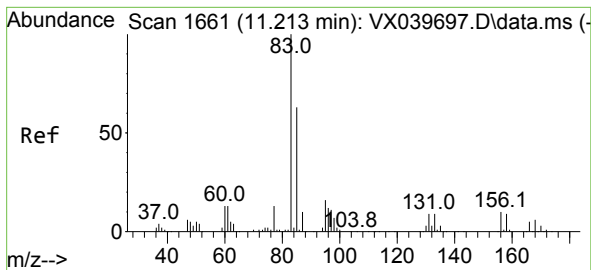
Tgt Ion:105 Resp: 112377  
Ion Ratio Lower Upper  
105 100  
120 25.4 12.9 38.6



#74  
N-ethyl acetate  
Concen: 20.040 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

Tgt Ion: 43 Resp: 58537  
Ion Ratio Lower Upper  
43 100  
70 38.1 32.9 49.3  
55 23.6 19.3 28.9  
61 23.1 18.8 28.2

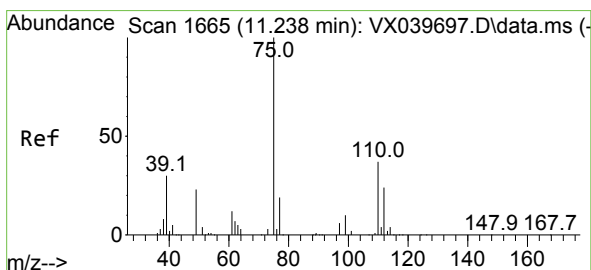
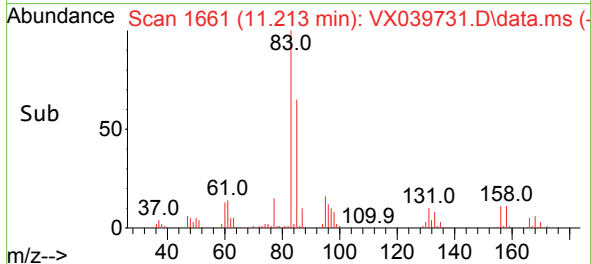
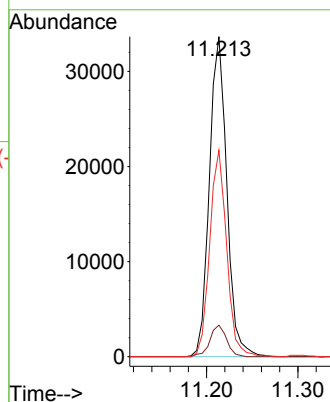
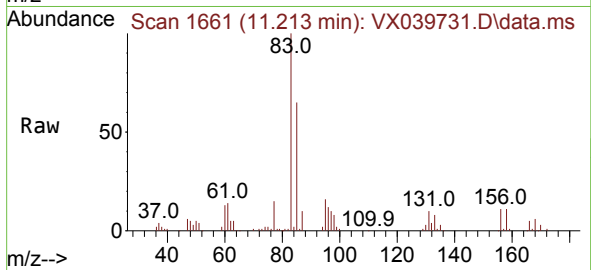




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.822 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

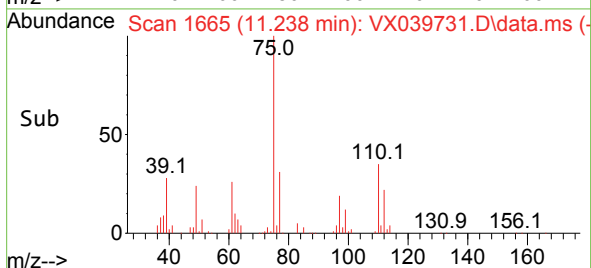
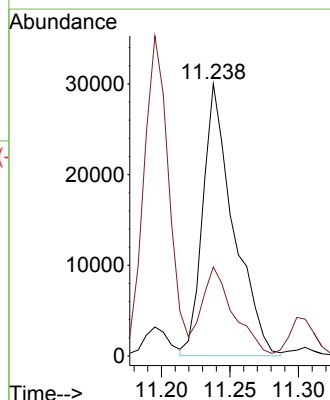
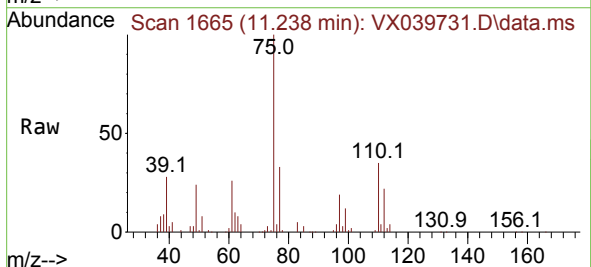
Instrument :  
MSVOA\_X  
ClientSampleId :

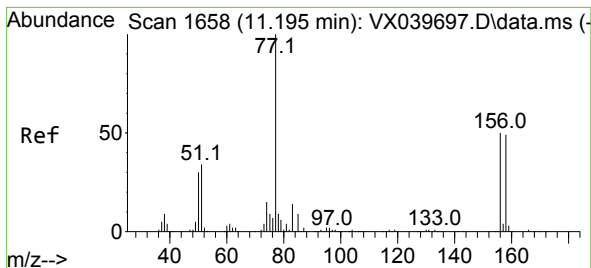
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 44555 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.4   | 5.3   | 15.8  |
| 85        | 62.6  | 32.0  | 96.2  |



#76  
1,2,3-Trichloropropane  
Concen: 25.524 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 46575 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 34.2  | 19.1  | 57.5  |





#77

Bromobenzene

Concen: 20.644 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

ClientSampleId :

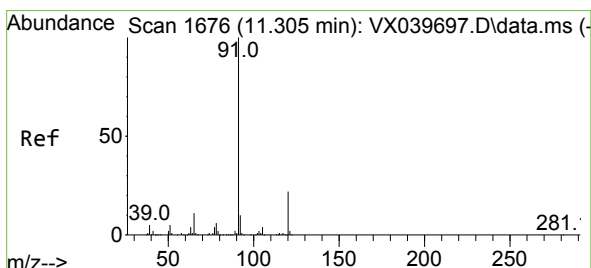
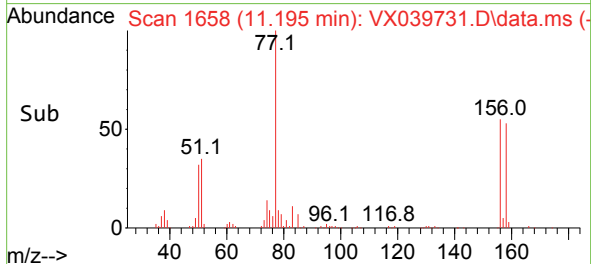
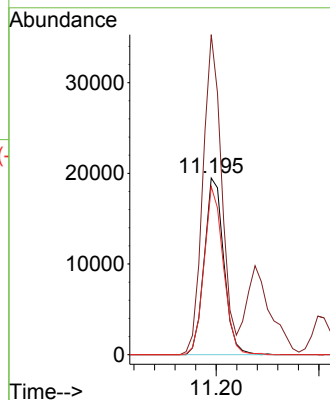
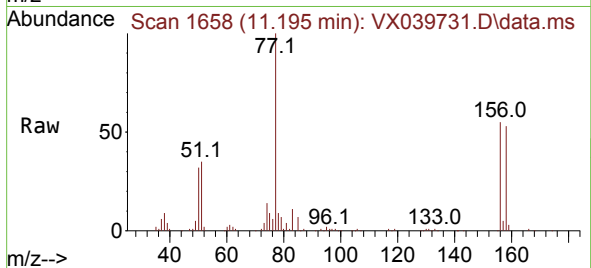
Tgt Ion:156 Resp: 25757

Ion Ratio Lower Upper

156 100

77 174.6 88.4 265.3

158 93.7 48.0 144.0



#78

n-propylbenzene

Concen: 19.394 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039731.D

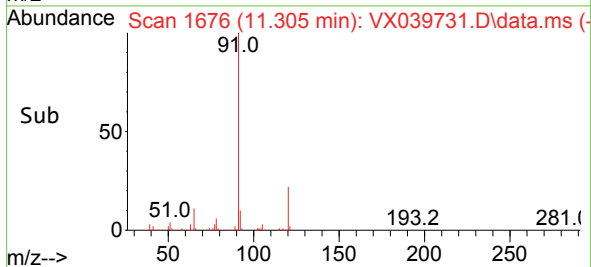
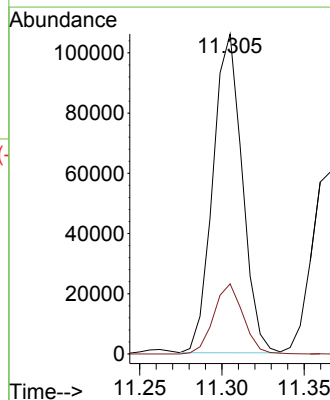
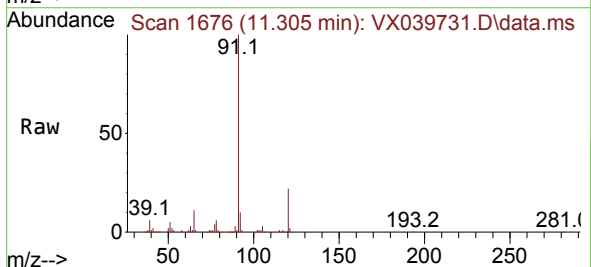
Acq: 12 Jan 2024 12:58

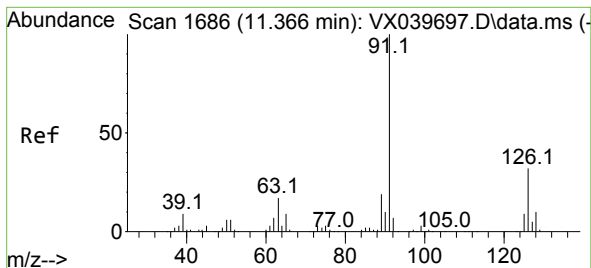
Tgt Ion: 91 Resp: 131538

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.873 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

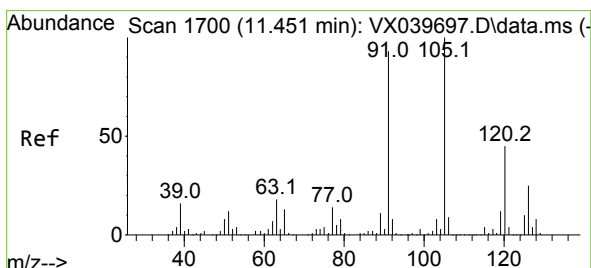
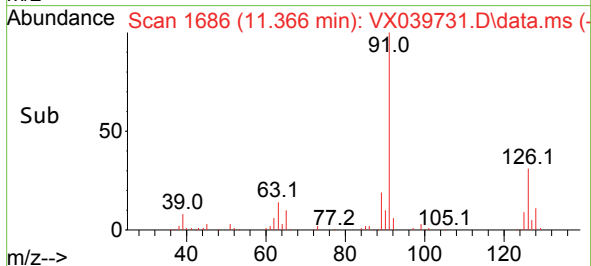
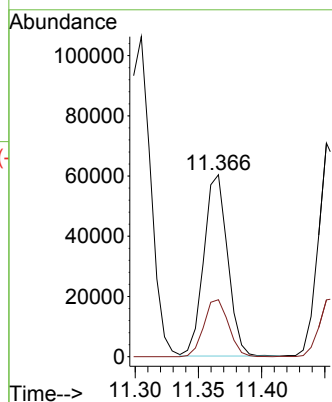
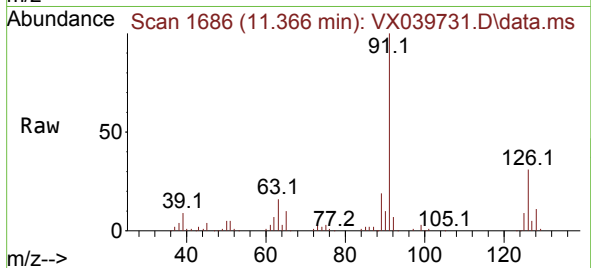
ClientSampleId :

Tgt Ion: 91 Resp: 79115

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 20.006 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039731.D

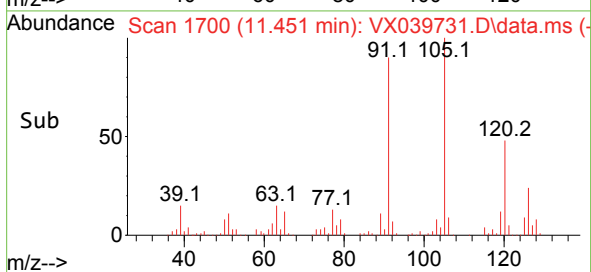
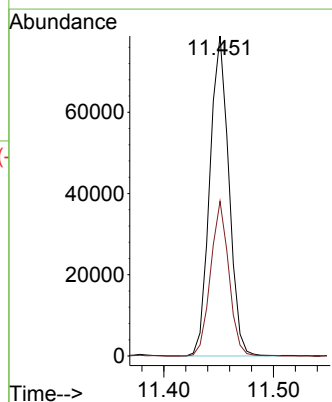
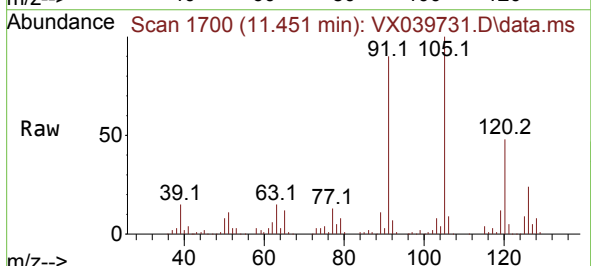
Acq: 12 Jan 2024 12:58

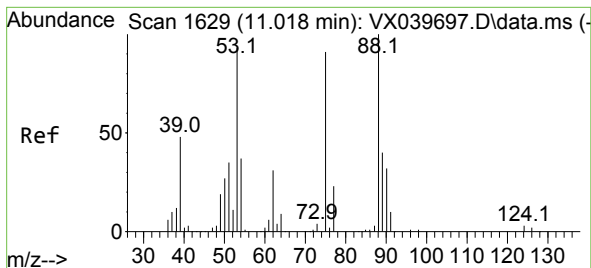
Tgt Ion: 105 Resp: 95213

Ion Ratio Lower Upper

105 100

120 46.2 24.1 72.3

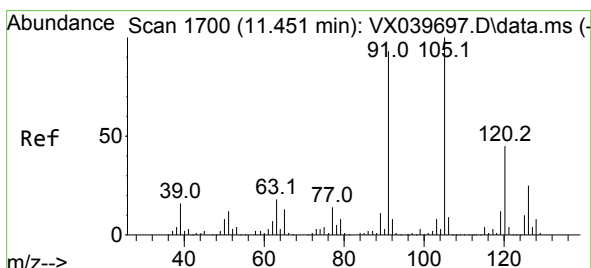
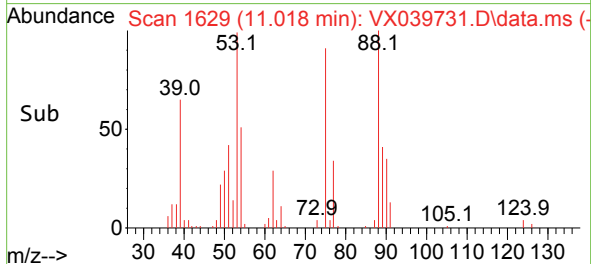
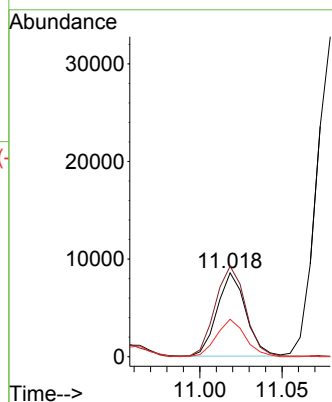
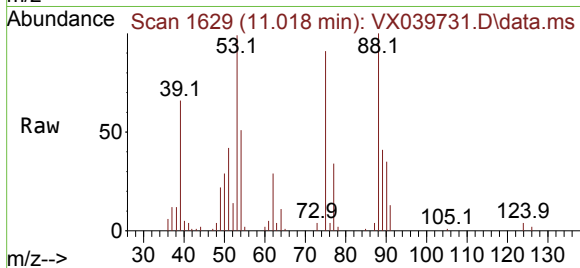




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 18.650 ug/l  
 RT: 11.018 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VX039731.D  
 Acq: 12 Jan 2024 12:58

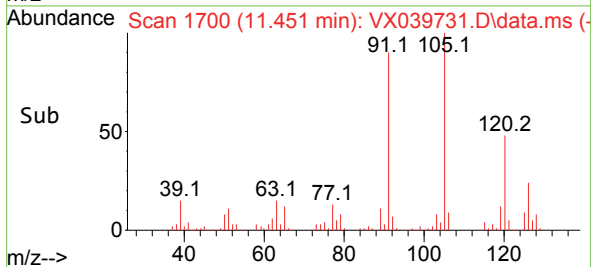
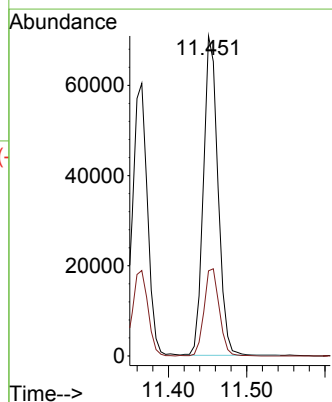
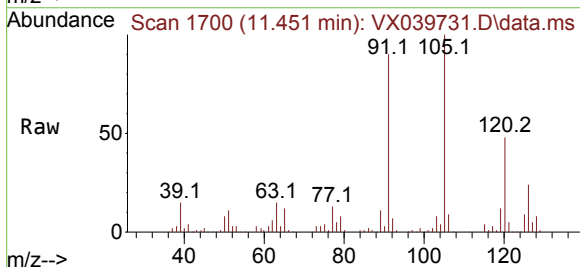
Instrument :  
 MSVOA\_X  
 ClientSampleId :

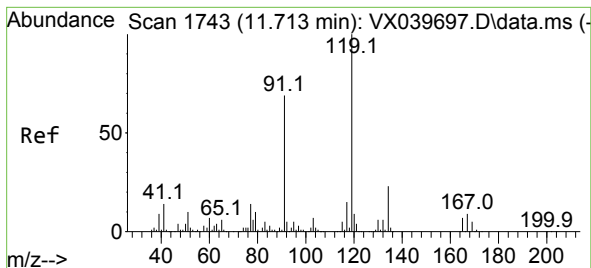
Tgt Ion: 75 Resp: 10331  
 Ion Ratio Lower Upper  
 75 100  
 53 116.1 90.5 135.7  
 89 45.3 36.9 55.3



#82  
 4-Chlorotoluene  
 Concen: 19.199 ug/l  
 RT: 11.451 min Scan# 1700  
 Delta R.T. 0.000 min  
 Lab File: VX039731.D  
 Acq: 12 Jan 2024 12:58

Tgt Ion: 91 Resp: 91289  
 Ion Ratio Lower Upper  
 91 100  
 126 28.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.478 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

ClientSampleId :

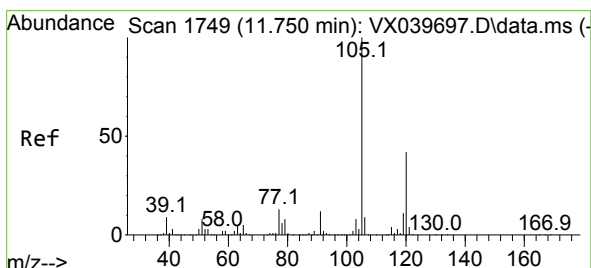
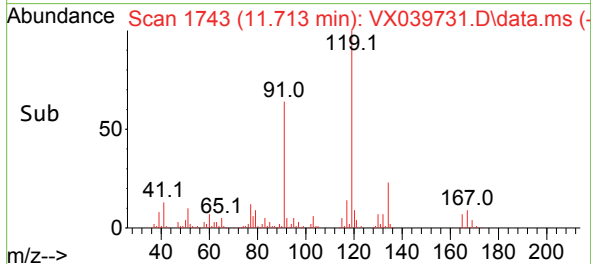
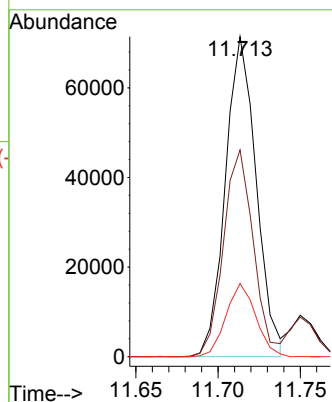
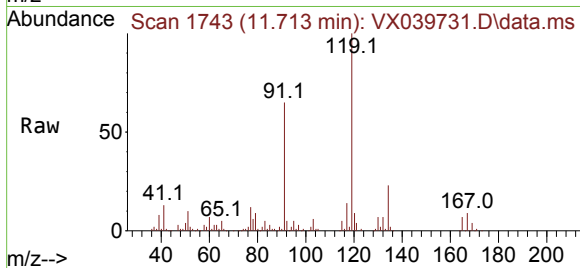
Tgt Ion:119 Resp: 93048

Ion Ratio Lower Upper

119 100

91 63.2 31.2 93.6

134 22.2 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 20.060 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039731.D

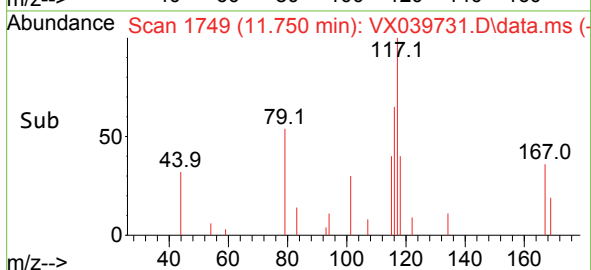
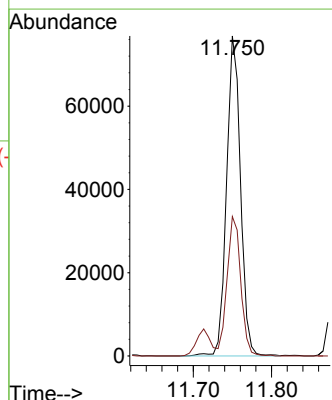
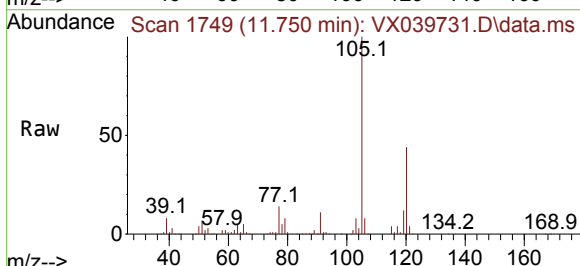
Acq: 12 Jan 2024 12:58

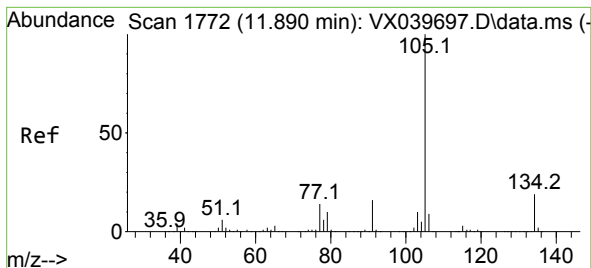
Tgt Ion:105 Resp: 95247

Ion Ratio Lower Upper

105 100

120 42.6 21.2 63.6





#85

sec-Butylbenzene

Concen: 19.721 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

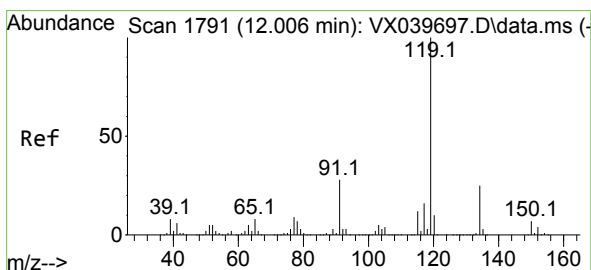
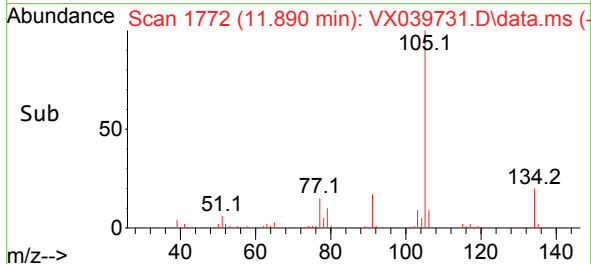
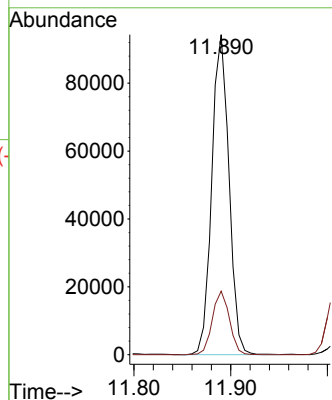
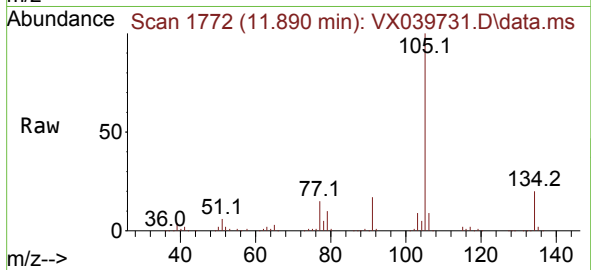
ClientSampleId :

Tgt Ion:105 Resp: 116320

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 19.935 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

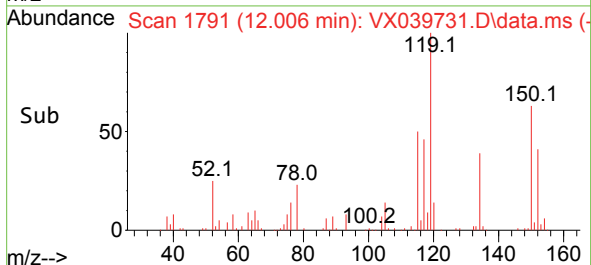
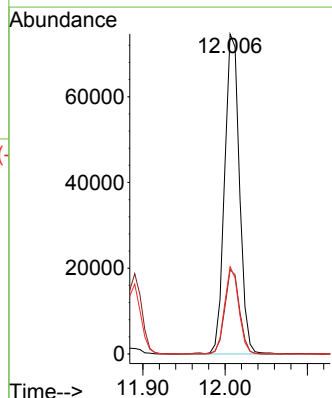
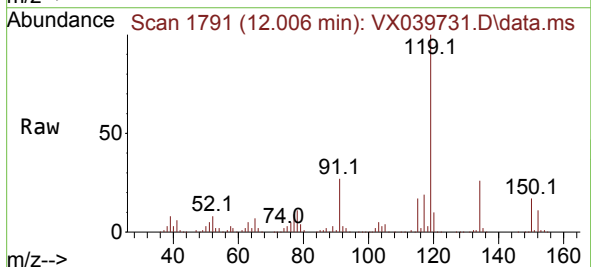
Tgt Ion:119 Resp: 93974

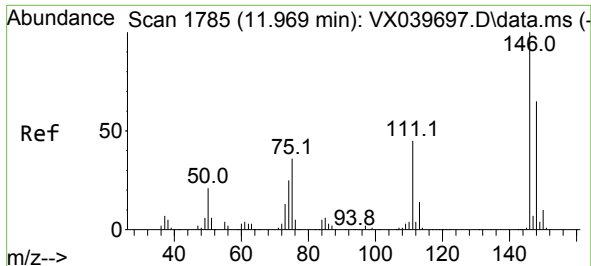
Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.3

91 26.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.909 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

ClientSampleId :

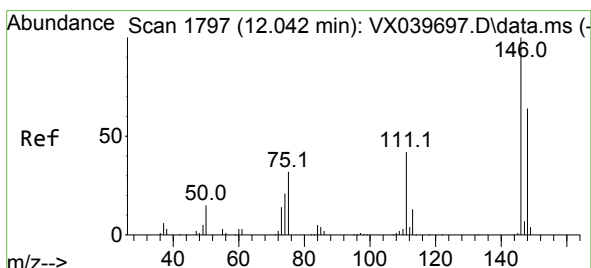
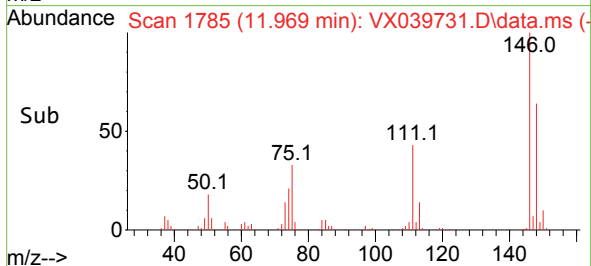
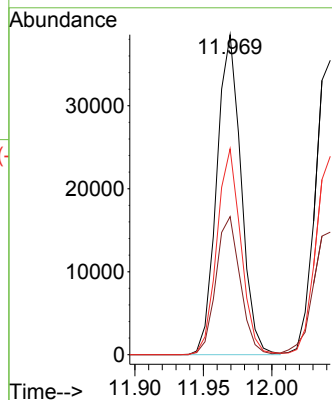
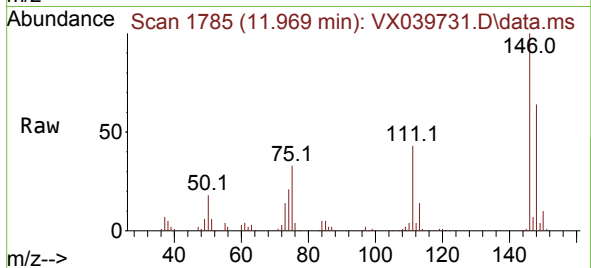
Tgt Ion:146 Resp: 47617

Ion Ratio Lower Upper

146 100

111 43.1 22.1 66.1

148 63.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 18.730 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

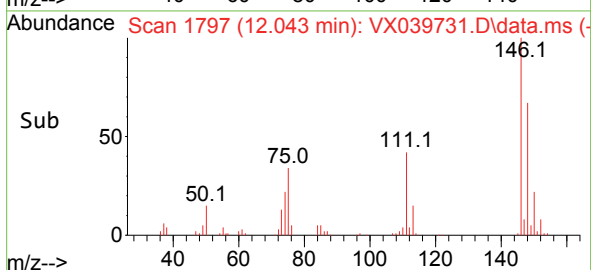
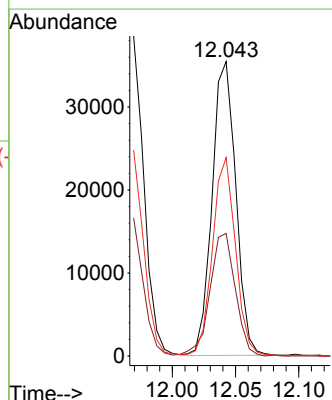
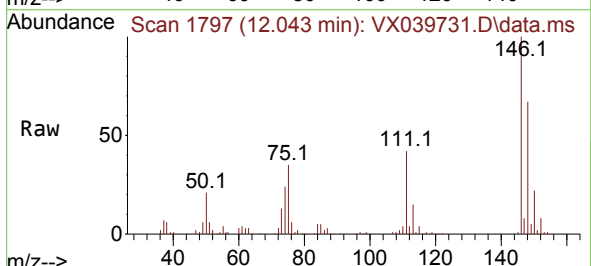
Tgt Ion:146 Resp: 46267

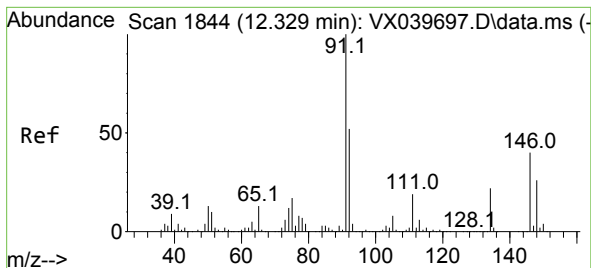
Ion Ratio Lower Upper

146 100

111 44.7 21.3 63.7

148 65.6 31.8 95.4





#89

n-Butylbenzene

Concen: 18.002 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

ClientSampleId :

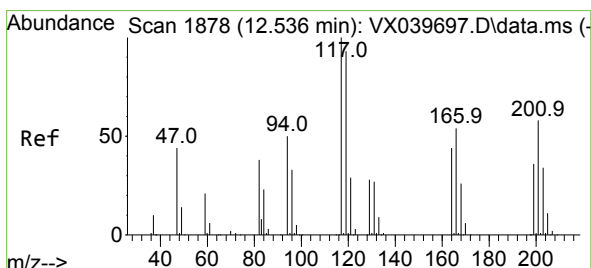
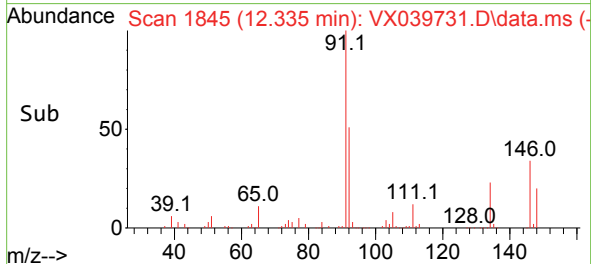
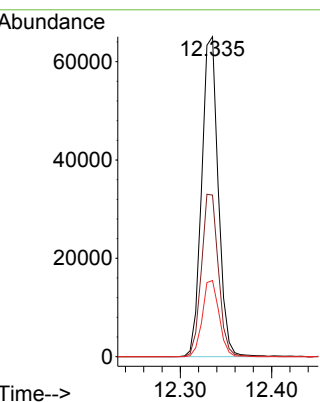
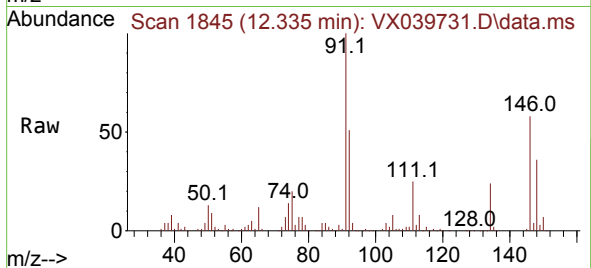
Tgt Ion: 91 Resp: 81964

Ion Ratio Lower Upper

91 100

92 52.1 27.4 82.0

134 24.1 12.6 37.8



#90

Hexachloroethane

Concen: 17.523 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039731.D

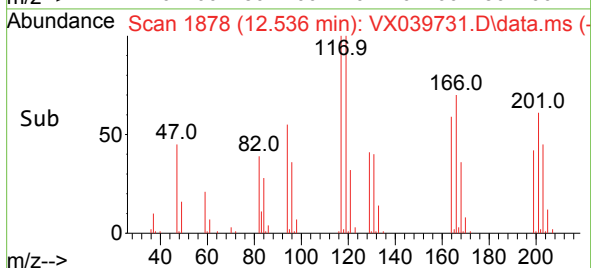
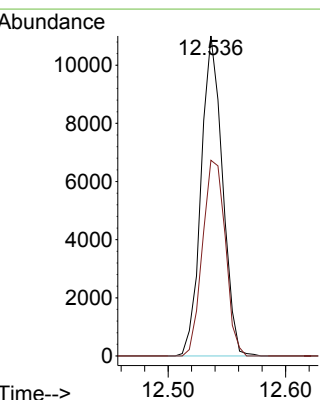
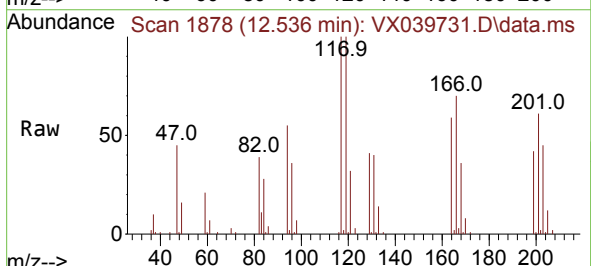
Acq: 12 Jan 2024 12:58

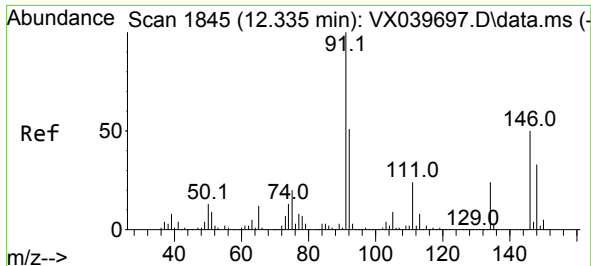
Tgt Ion: 117 Resp: 13936

Ion Ratio Lower Upper

117 100

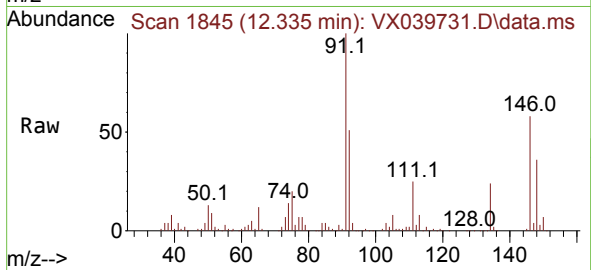
201 65.1 32.9 98.6



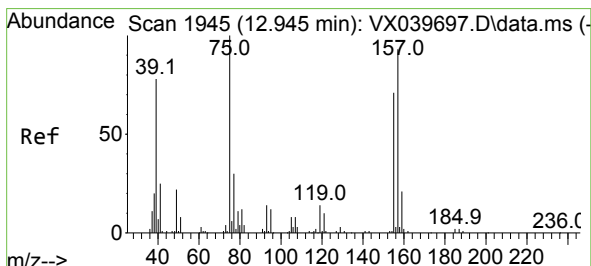
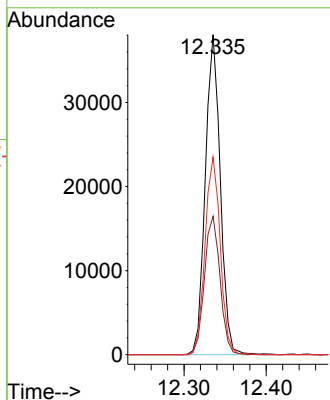
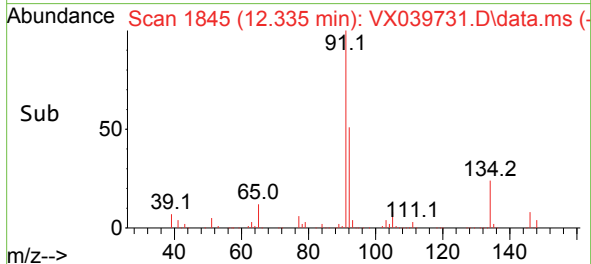


#91  
1,2-Dichlorobenzene  
Concen: 20.374 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58

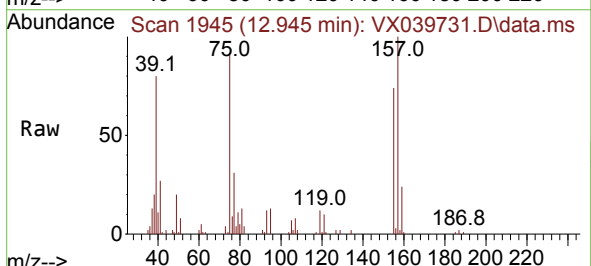
Instrument :  
MSVOA\_X  
ClientSampleId :



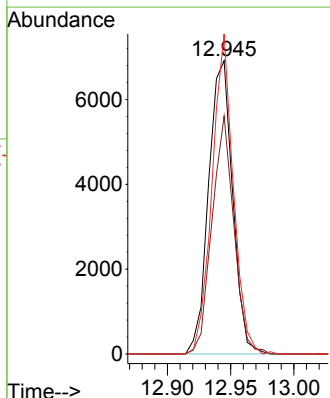
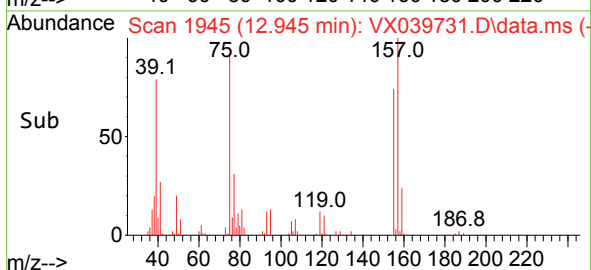
Tgt Ion:146 Resp: 48175  
Ion Ratio Lower Upper  
146 100  
111 45.0 22.4 67.0  
148 62.8 31.6 95.0

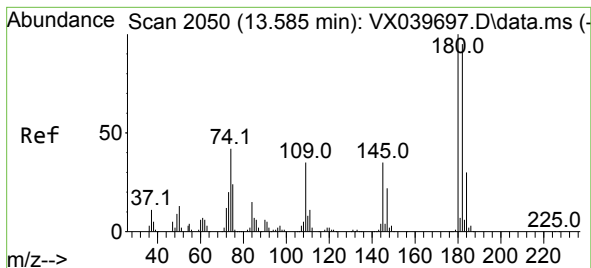


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.380 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX039731.D  
Acq: 12 Jan 2024 12:58



Tgt Ion: 75 Resp: 9113  
Ion Ratio Lower Upper  
75 100  
155 73.9 36.1 108.5  
157 96.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.145 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039731.D

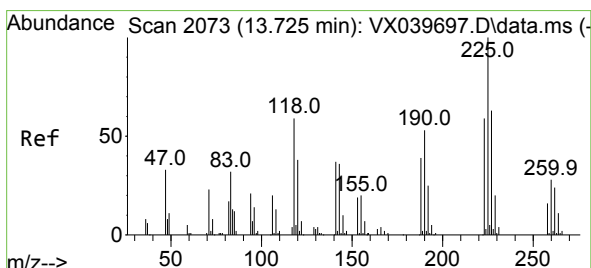
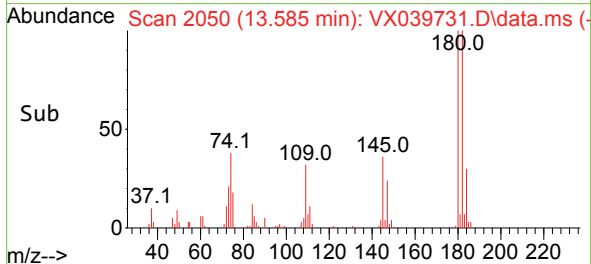
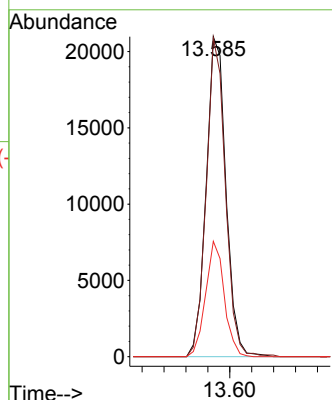
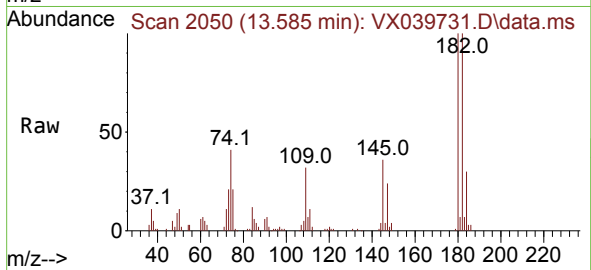
Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 26219      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 96.3  | 48.3 144.8 |
| 145         | 34.1  | 18.0 54.0  |



#94

Hexachlorobutadiene

Concen: 19.465 ug/l

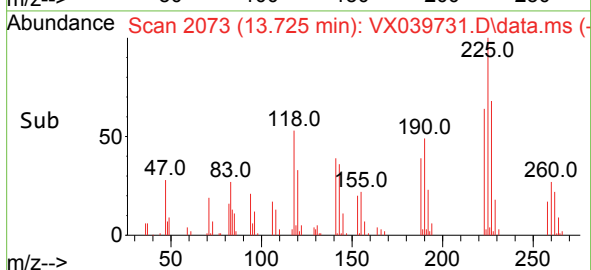
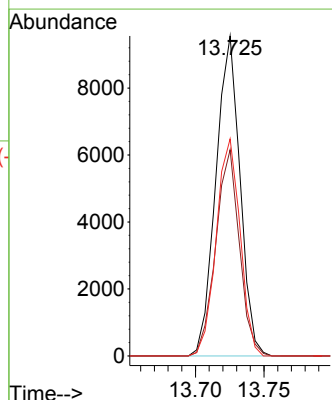
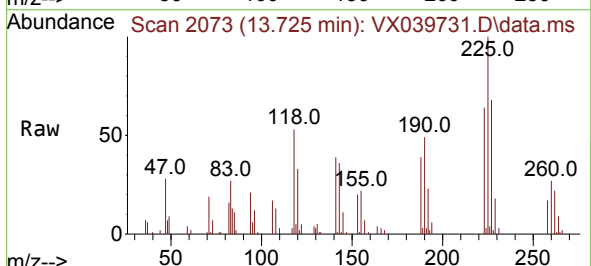
RT: 13.725 min Scan# 2073

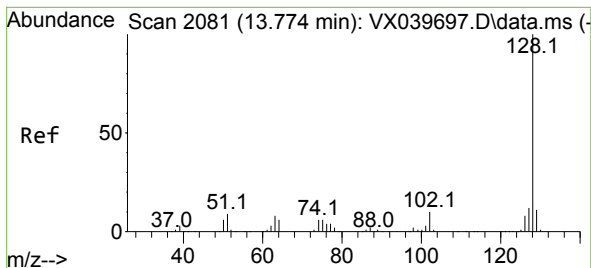
Delta R.T. 0.000 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 11692     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 63.0  | 31.1 93.2 |
| 227         | 66.9  | 32.5 97.5 |





#95

Naphthalene

Concen: 19.151 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Instrument :

MSVOA\_X

ClientSampleId :

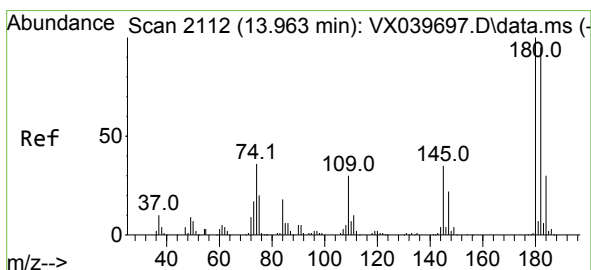
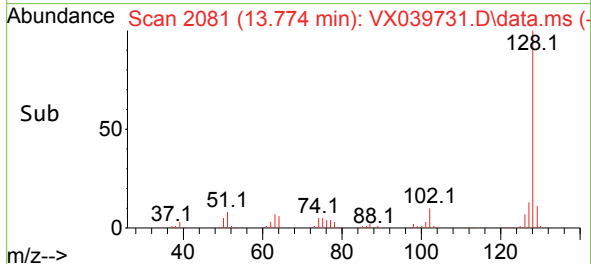
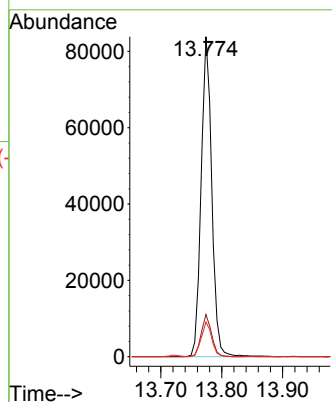
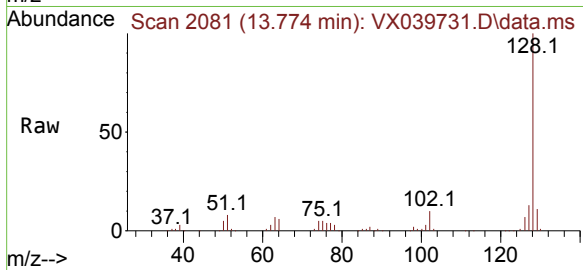
Tgt Ion:128 Resp: 101872

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.404 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX039731.D

Acq: 12 Jan 2024 12:58

Tgt Ion:180 Resp: 28298

Ion Ratio Lower Upper

180 100

182 93.9 46.9 140.6

145 35.4 17.8 53.5

