

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011924\  
 Data File : VX039856.D  
 Acq On : 19 Jan 2024 22:24  
 Operator : JC/MD  
 Sample : VX0119WBSD02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0119WBSD02

Quant Time: Jan 20 03:26:46 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   | 78852    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 142339   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 128198   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 63707    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 66972    | 50.702   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 101.400% |
| 35) Dibromofluoromethane     | 5.385  | 113   | 50600    | 52.779   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 105.560% |
| 50) Toluene-d8               | 8.647  | 98    | 178119   | 49.261   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 98.520%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 69912    | 49.444   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 98.880%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 16050    | 15.732   | ug/l   | 98       |
| 3) Chloromethane             | 1.294  | 50    | 20268    | 17.396   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374  | 62    | 19689    | 17.906   | ug/l   | 94       |
| 5) Bromomethane              | 1.605  | 94    | 13867    | 22.103   | ug/l   | 100      |
| 6) Chloroethane              | 1.685  | 64    | 12401    | 19.839   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.892  | 101   | 30223    | 19.054   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.130  | 74    | 12155    | 20.736   | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 16771    | 17.054   | ug/l   | 98       |
| 10) Methyl Iodide            | 2.453  | 142   | 21439    | 20.666   | ug/l   | 94       |
| 11) Tert butyl alcohol       | 2.947  | 59    | 32868    | 95.591   | ug/l # | 90       |
| 12) 1,1-Dichloroethene       | 2.325  | 96    | 18031    | 18.999   | ug/l   | 88       |
| 13) Acrolein                 | 2.233  | 56    | 16403    | 66.344   | ug/l   | 100      |
| 14) Allyl chloride           | 2.666  | 41    | 35543    | 19.028   | ug/l   | 98       |
| 15) Acrylonitrile            | 3.056  | 53    | 74273    | 104.573  | ug/l   | 99       |
| 16) Acetone                  | 2.373  | 43    | 68417    | 92.100   | ug/l   | 94       |
| 17) Carbon Disulfide         | 2.514  | 76    | 48698    | 17.853   | ug/l   | 97       |
| 18) Methyl Acetate           | 2.697  | 43    | 34664    | 22.304   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 68093    | 20.210   | ug/l   | 97       |
| 20) Methylene Chloride       | 2.788  | 84    | 22097    | 19.665   | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 19971    | 19.996   | ug/l   | 97       |
| 22) Diisopropyl ether        | 3.757  | 45    | 72256    | 20.270   | ug/l   | 99       |
| 23) Vinyl Acetate            | 3.721  | 43    | 335290   | 101.189  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 38765    | 19.768   | ug/l   | 98       |
| 25) 2-Butanone               | 4.550  | 43    | 108044   | 101.209  | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 26730    | 16.983   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 23904    | 20.868   | ug/l   | 95       |
| 28) Bromochloromethane       | 4.897  | 49    | 19264    | 21.671   | ug/l   | 95       |
| 29) Tetrahydrofuran          | 5.001  | 42    | 71269    | 103.722  | ug/l   | 99       |
| 30) Chloroform               | 5.086  | 83    | 40285    | 20.810   | ug/l   | 98       |
| 31) Cyclohexane              | 5.470  | 56    | 28016    | 16.071   | ug/l   | 93       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 32773    | 19.774   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 27251    | 18.261   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.715  | 43    | 38767    | 19.473   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 25624    | 18.748   | ug/l   | 98       |
| 39) Methylcyclohexane        | 7.379  | 83    | 27747    | 15.484   | ug/l   | 95       |
| 40) Benzene                  | 6.037  | 78    | 84603    | 20.022   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011924\  
 Data File : VX039856.D  
 Acq On : 19 Jan 2024 22:24  
 Operator : JC/MD  
 Sample : VX0119WBSD02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0119WBSD02

Quant Time: Jan 20 03:26:46 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   | 20291    | 20.843  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 34318    | 21.362  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.336  | 43   | 59363    | 20.327  | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 20961    | 20.240  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 23189    | 20.457  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 16462    | 21.026  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.818  | 83   | 30716    | 21.183  | ug/l # | 96       |
| 48) Methyl methacrylate       | 7.690  | 41   | 28546    | 19.886  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 7.653  | 88   | 11759    | 423.347 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone      | 8.568  | 43   | 209028   | 103.925 | ug/l   | 99       |
| 52) Toluene                   | 8.714  | 92   | 49722    | 19.700  | ug/l   | 92       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 30593    | 19.883  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 33968    | 20.077  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 22400    | 20.845  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 35015    | 20.133  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 38302    | 21.033  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 82785    | 100.704 | ug/l   | 95       |
| 59) 2-Hexanone                | 9.427  | 43   | 167766   | 105.390 | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 21910    | 21.621  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 24299    | 21.836  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.269  | 164  | 16485    | 19.774  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 54333    | 20.349  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 19815    | 21.794  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 96148    | 19.396  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 70595    | 38.723  | ug/l   | 94       |
| 69) o-Xylene                  | 10.640 | 106  | 34979    | 19.374  | ug/l   | 93       |
| 70) Styrene                   | 10.652 | 104  | 58628    | 19.879  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 14604    | 21.392  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 89948    | 17.734  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.841 | 43   | 49695    | 18.796  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 38554    | 19.906  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 40083    | 24.268  | ug/l   | 91       |
| 77) Bromobenzene              | 11.195 | 156  | 22436    | 19.867  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 108201   | 17.625  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 68180    | 17.969  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 78347    | 18.187  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 8660     | 17.401  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 78809    | 18.312  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 73017    | 17.754  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 78026    | 18.155  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 91821    | 17.199  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 76327    | 17.888  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 42094    | 19.445  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 42846    | 19.163  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 68985    | 16.739  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 11966    | 16.623  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 41519    | 19.400  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 8854     | 18.656  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 25162    | 19.239  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 9394     | 17.279  | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 92948    | 19.305  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 25324    | 19.185  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011924\  
Data File : VX039856.D  
Acq On : 19 Jan 2024 22:24  
Operator : JC/MD  
Sample : VX0119WBSD02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 35 Sample Multiplier: 1

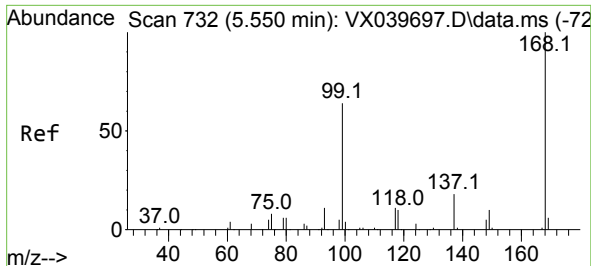
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

Quant Time: Jan 20 03:26:46 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:51:26 2024  
Response via : Initial Calibration

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

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

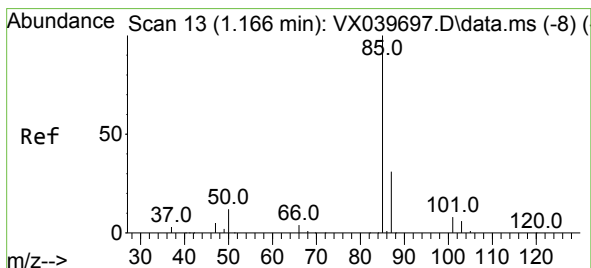
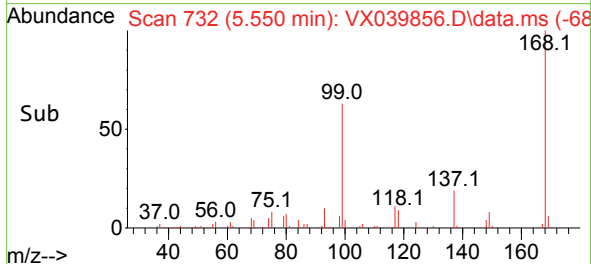
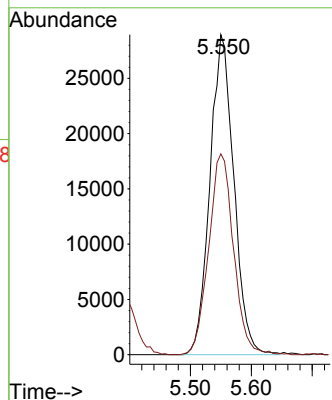
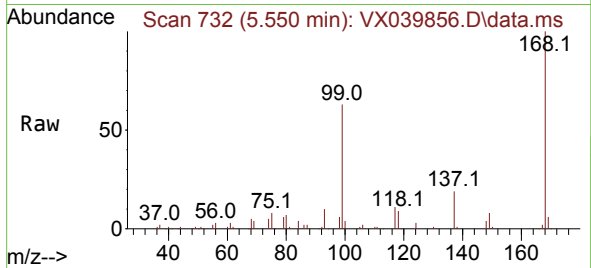




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

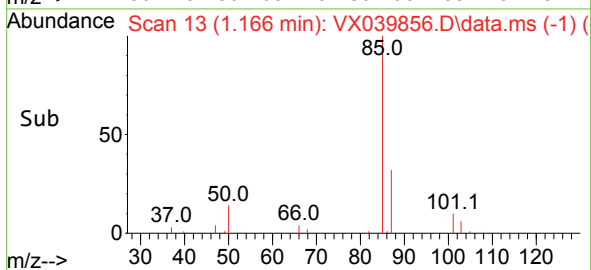
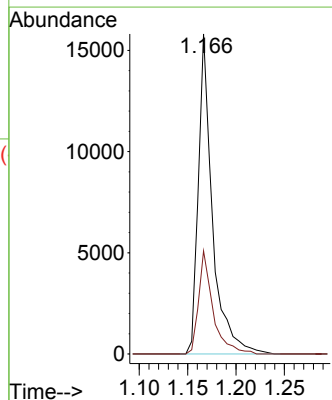
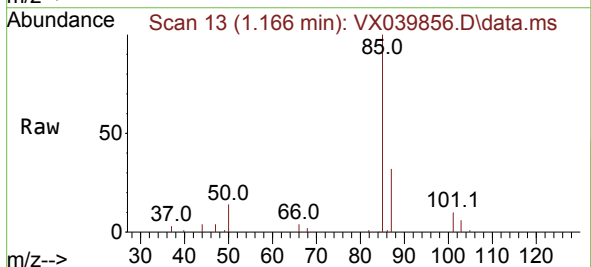
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

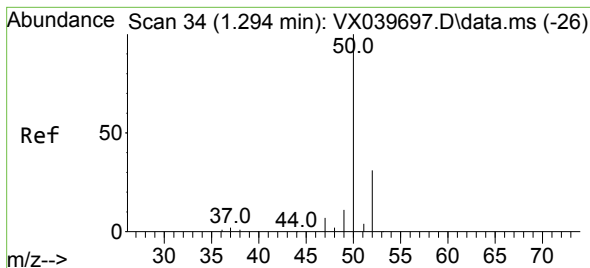
Tgt Ion:168 Resp: 78852  
Ion Ratio Lower Upper  
168 100  
99 62.8 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 15.732 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion: 85 Resp: 16050  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.7 50.1





#3

Chloromethane

Concen: 17.396 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

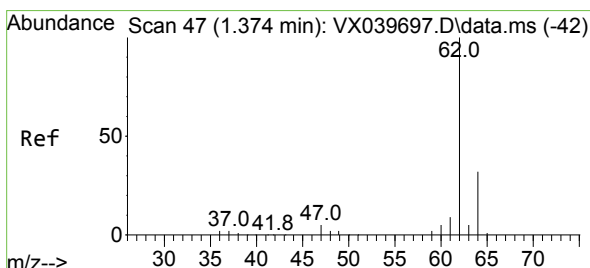
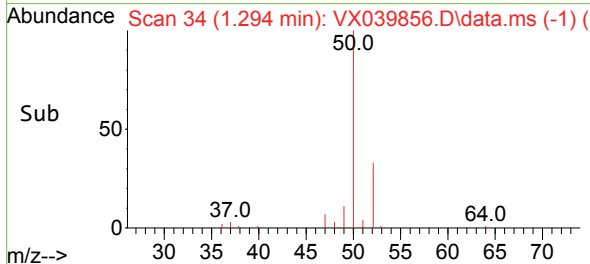
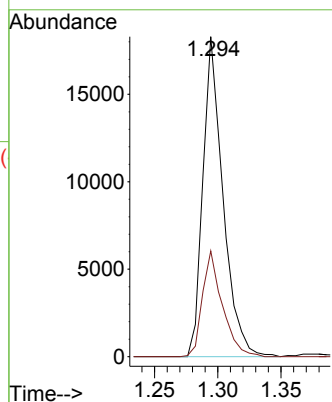
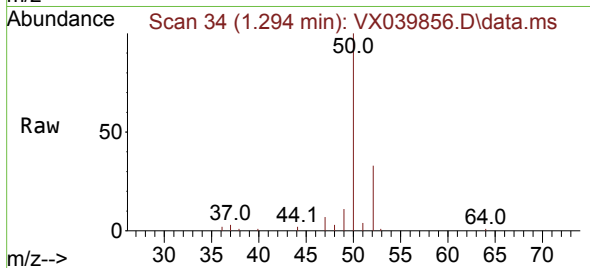
VX0119WBSD02

Tgt Ion: 50 Resp: 20268

Ion Ratio Lower Upper

50 100

52 33.1 25.5 38.3



#4

Vinyl Chloride

Concen: 17.906 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX039856.D

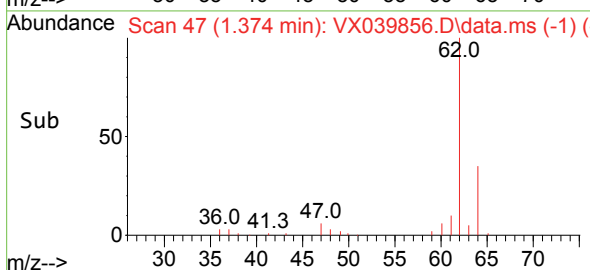
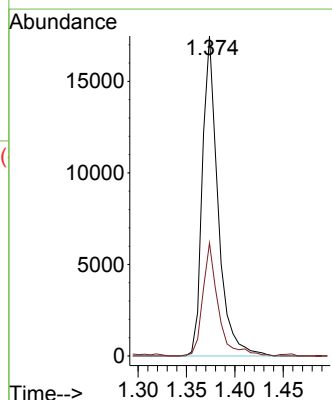
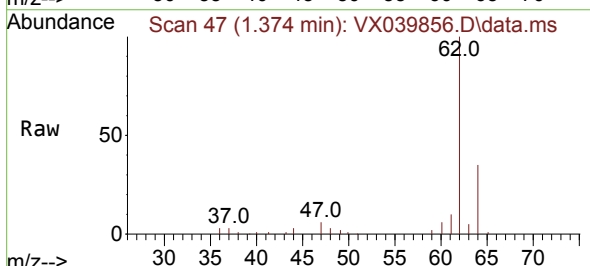
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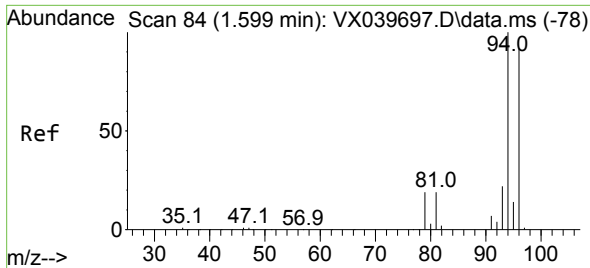
Tgt Ion: 62 Resp: 19689

Ion Ratio Lower Upper

62 100

64 35.3 25.4 38.0

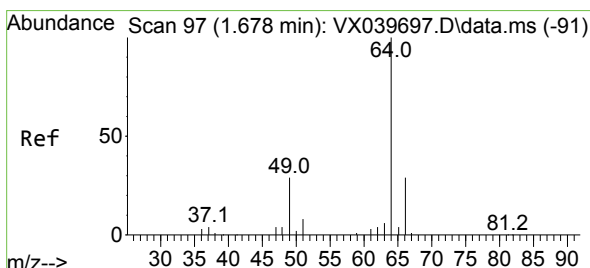
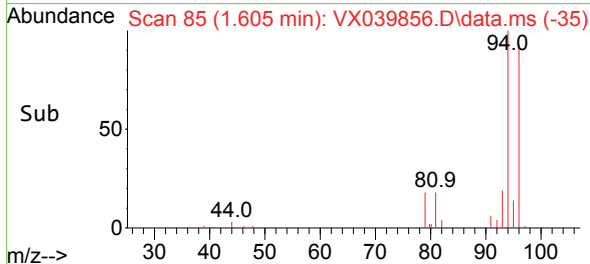
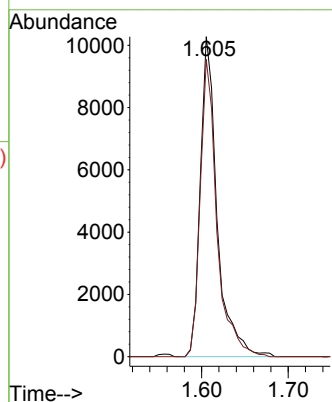
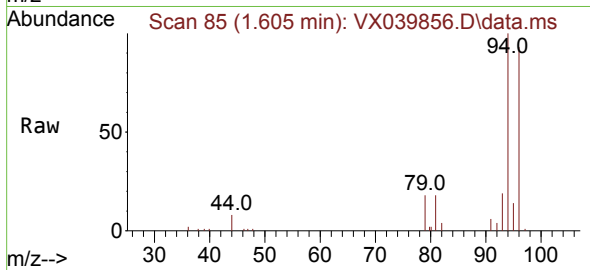




#5  
Bromomethane  
Concen: 22.103 ug/l  
RT: 1.605 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

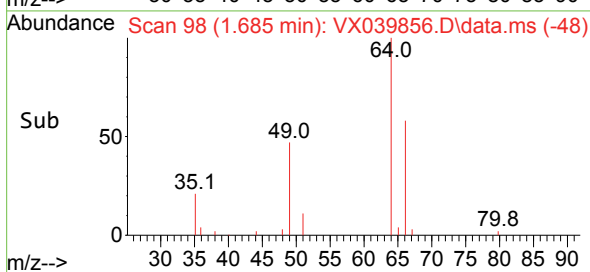
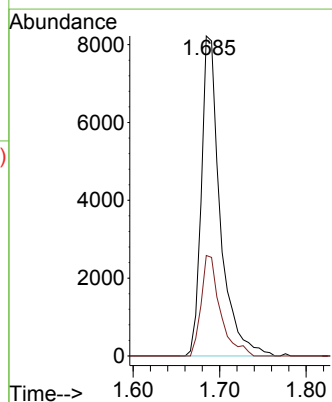
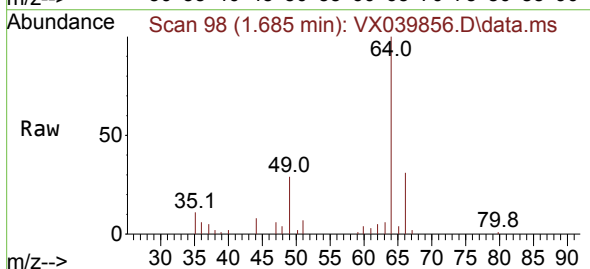
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

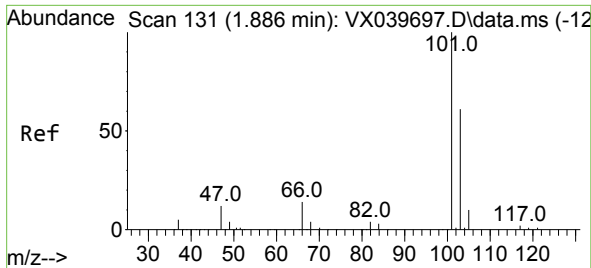
Tgt Ion: 94 Resp: 13867  
Ion Ratio Lower Upper  
94 100  
96 92.9 74.6 111.8



#6  
Chloroethane  
Concen: 19.839 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.006 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion: 64 Resp: 12401  
Ion Ratio Lower Upper  
64 100  
66 31.4 25.1 37.7

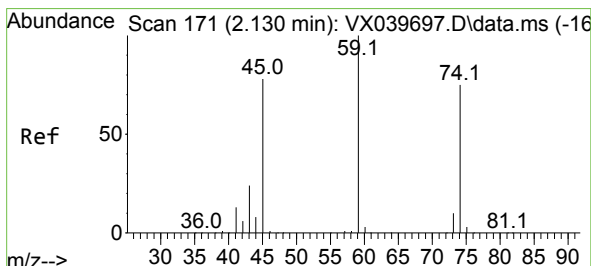
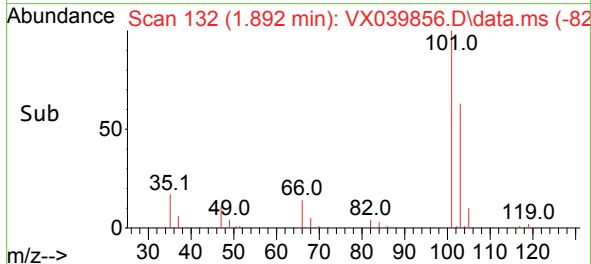
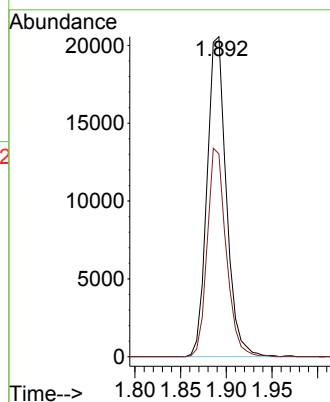
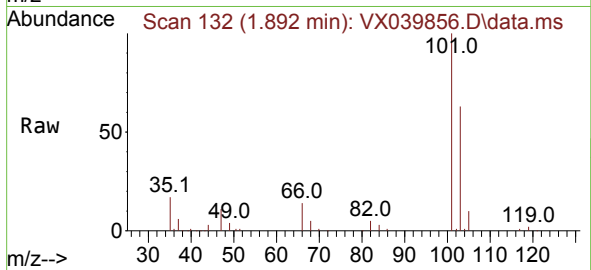




#7  
 Trichlorofluoromethane  
 Concen: 19.054 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX039856.D  
 Acq: 19 Jan 2024 22:24

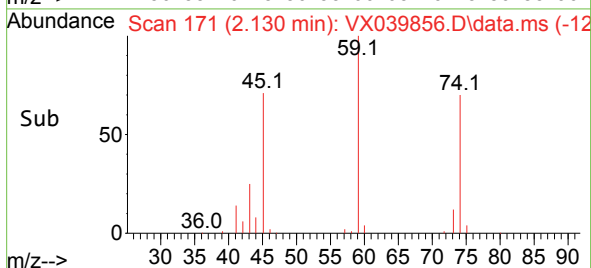
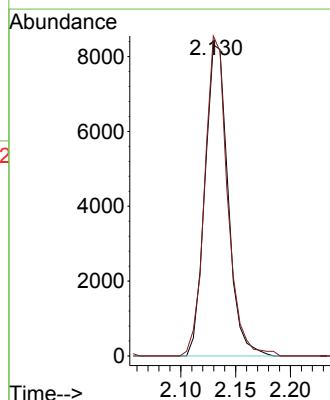
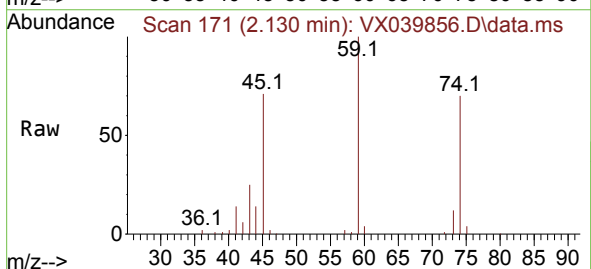
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0119WBSD02

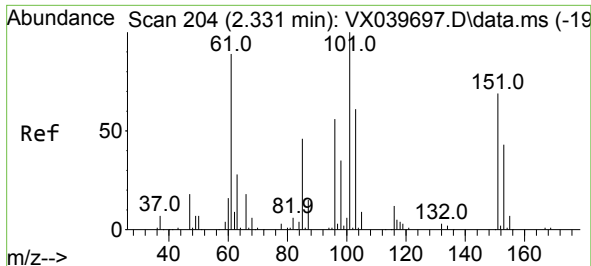
Tgt Ion:101 Resp: 30223  
 Ion Ratio Lower Upper  
 101 100  
 103 63.4 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 20.736 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. 0.000 min  
 Lab File: VX039856.D  
 Acq: 19 Jan 2024 22:24

Tgt Ion: 74 Resp: 12155  
 Ion Ratio Lower Upper  
 74 100  
 45 101.7 53.3 159.8

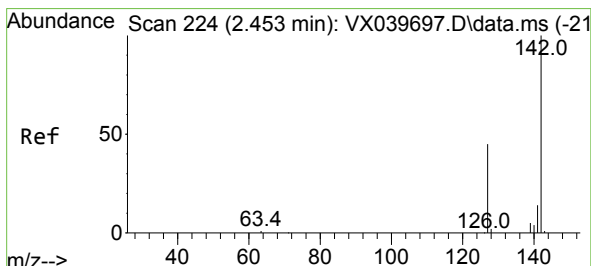
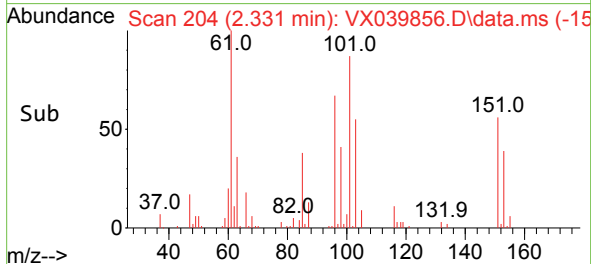
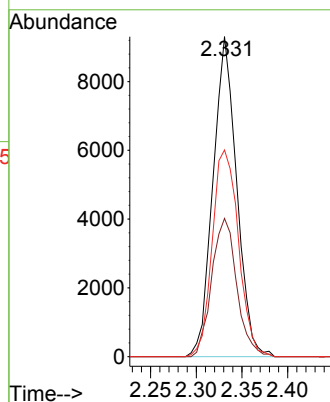
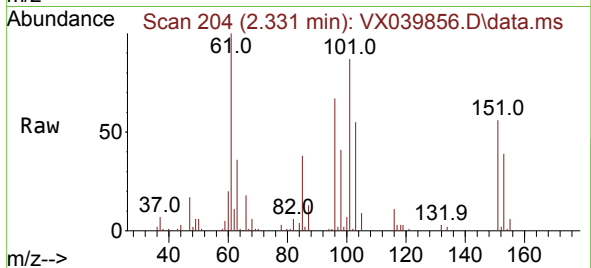




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.054 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

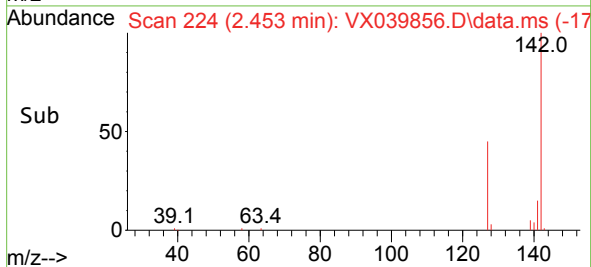
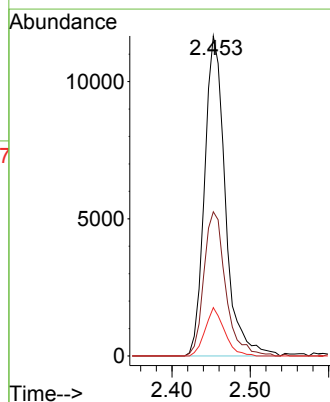
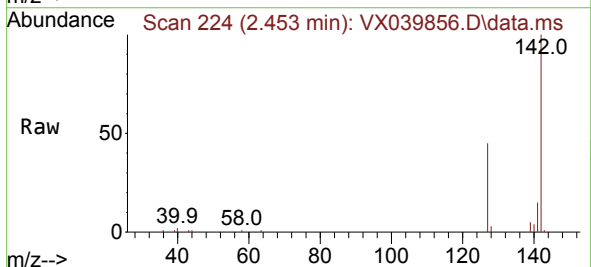
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

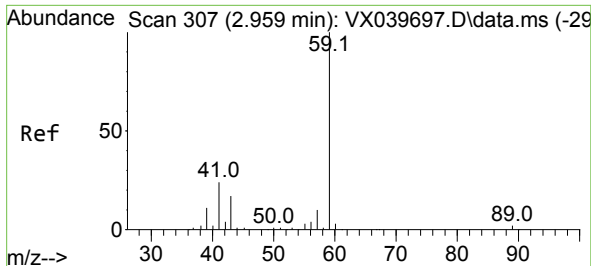
Tgt Ion:101 Resp: 16771  
Ion Ratio Lower Upper  
101 100  
85 45.7 37.0 55.6  
151 71.6 58.6 87.8



#10  
Methyl Iodide  
Concen: 20.666 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion:142 Resp: 21439  
Ion Ratio Lower Upper  
142 100  
127 47.2 41.6 62.4  
141 14.1 11.6 17.4

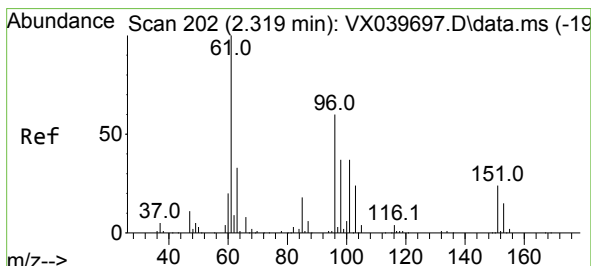
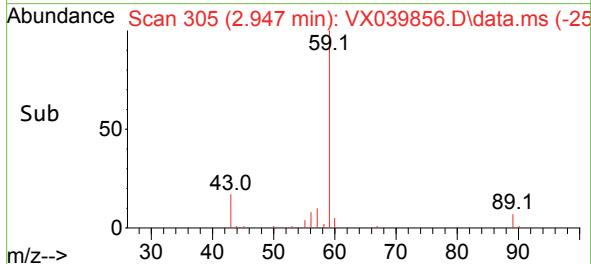
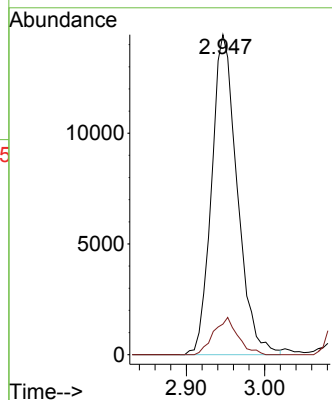
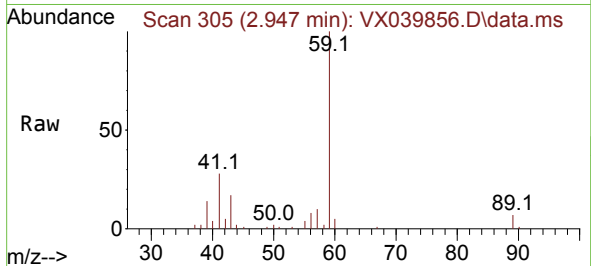




#11  
Tert butyl alcohol  
Concen: 95.591 ug/l  
RT: 2.947 min Scan# 30  
Delta R.T. -0.012 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

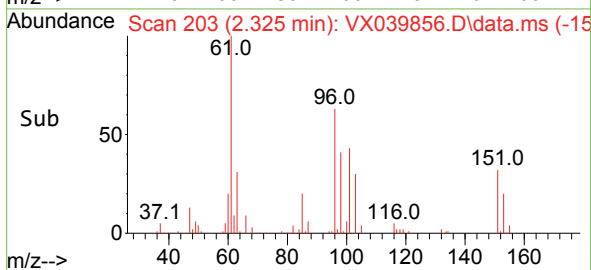
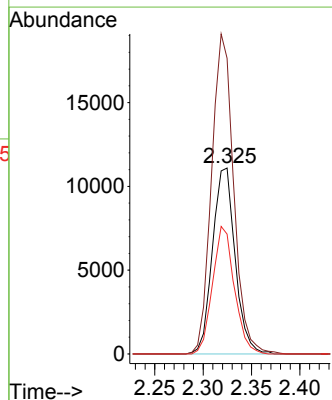
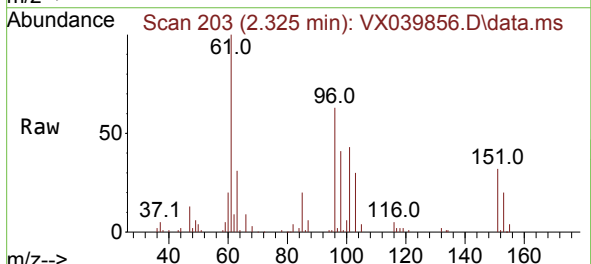
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

Tgt Ion: 59 Resp: 32868  
Ion Ratio Lower Upper  
59 100  
57 10.9 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 18.999 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion: 96 Resp: 18031  
Ion Ratio Lower Upper  
96 100  
61 159.1 144.6 216.8  
98 64.4 50.4 75.6





#13

Acrolein

Concen: 66.344 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

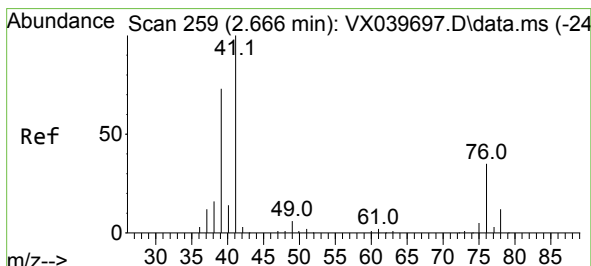
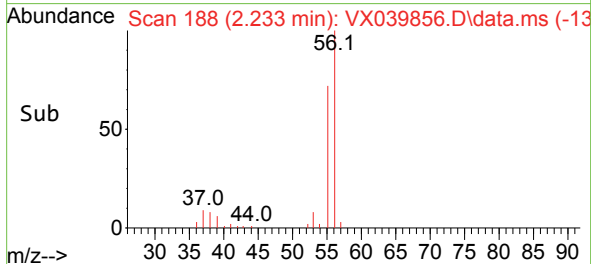
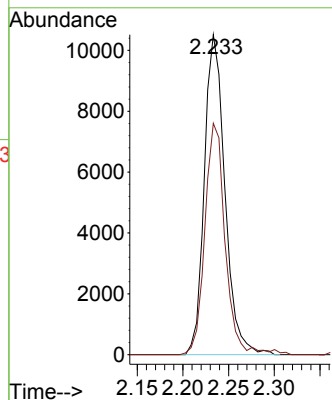
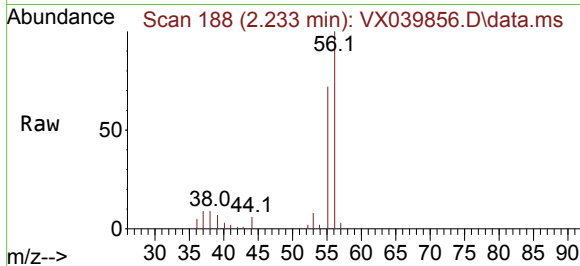
VX0119WBSD02

Tgt Ion: 56 Resp: 16403

Ion Ratio Lower Upper

56 100

55 71.7 57.1 85.7



#14

Allyl chloride

Concen: 19.028 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

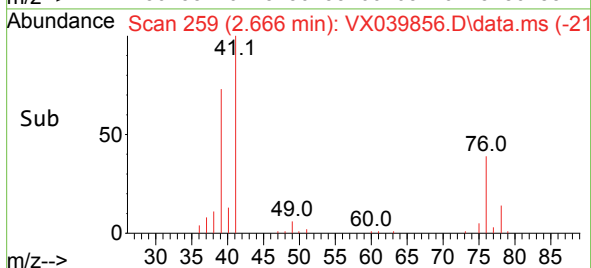
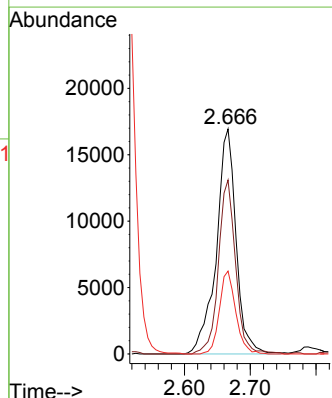
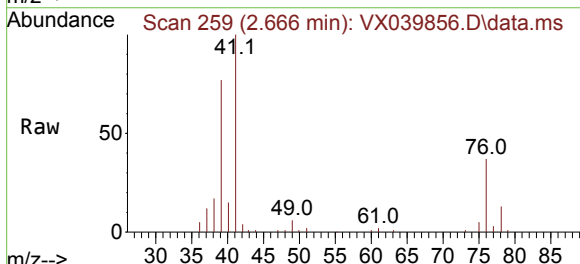
Tgt Ion: 41 Resp: 35543

Ion Ratio Lower Upper

41 100

39 67.2 55.8 83.6

76 30.3 24.3 36.5

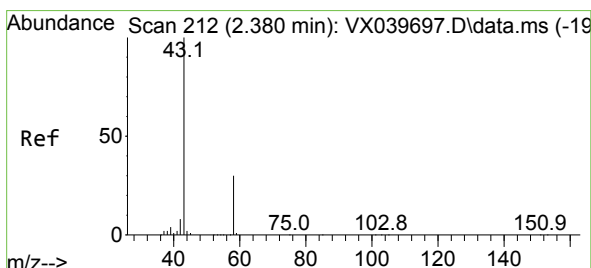
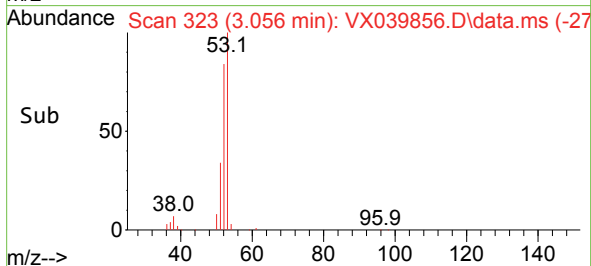
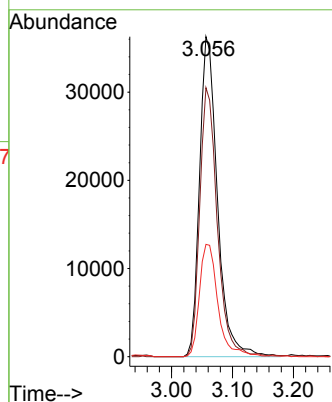
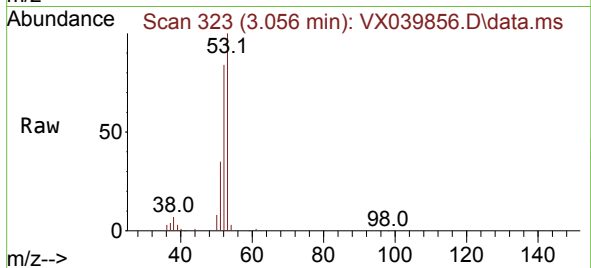




#15  
Acrylonitrile  
Concen: 104.573 ug/l  
RT: 3.056 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

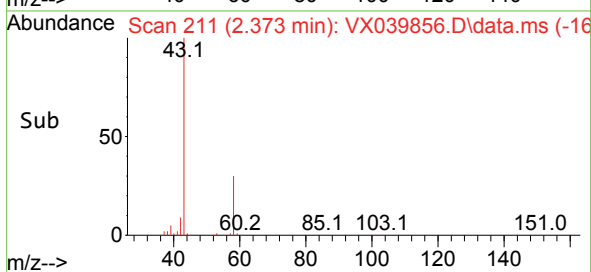
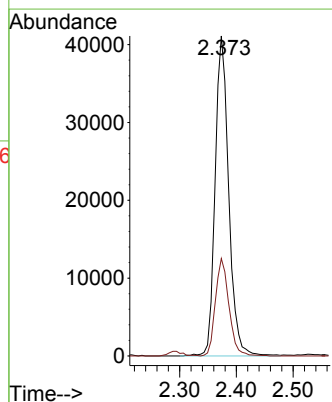
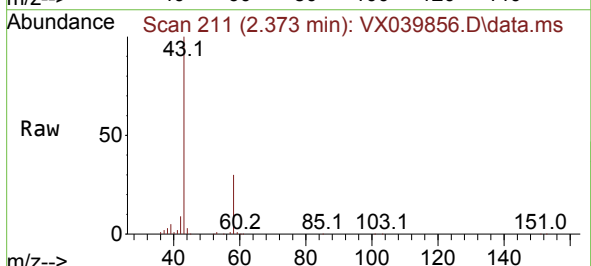
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

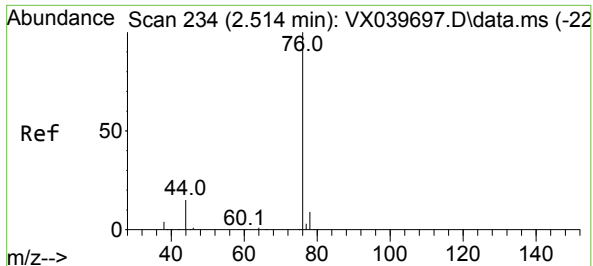
Tgt Ion: 53 Resp: 74273  
Ion Ratio Lower Upper  
53 100  
52 82.1 66.0 99.0  
51 36.3 29.8 44.6



#16  
Acetone  
Concen: 92.100 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion: 43 Resp: 68417  
Ion Ratio Lower Upper  
43 100  
58 30.4 21.9 32.9

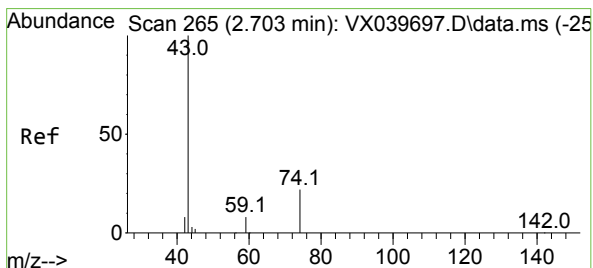
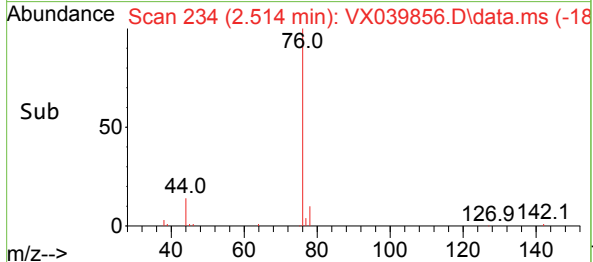
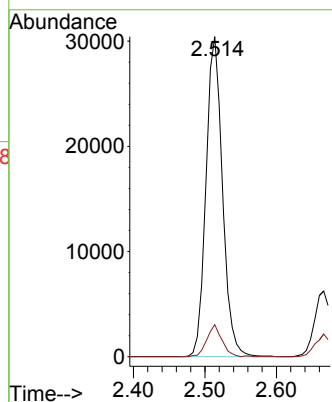
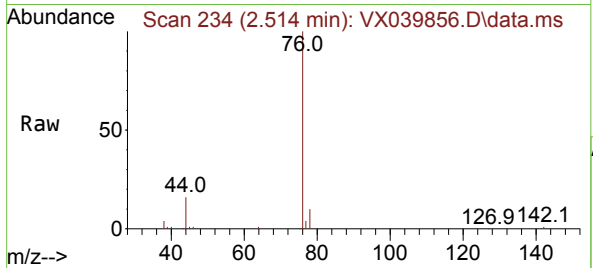




#17  
Carbon Disulfide  
Concen: 17.853 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

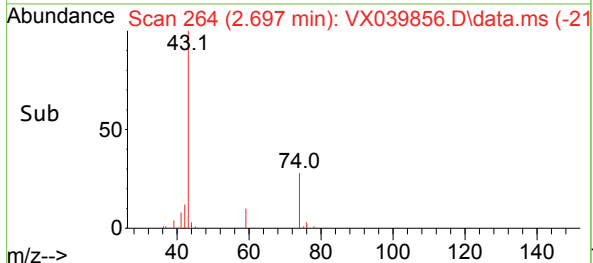
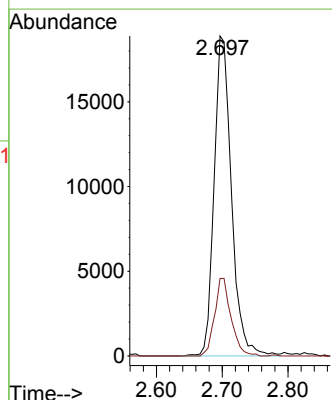
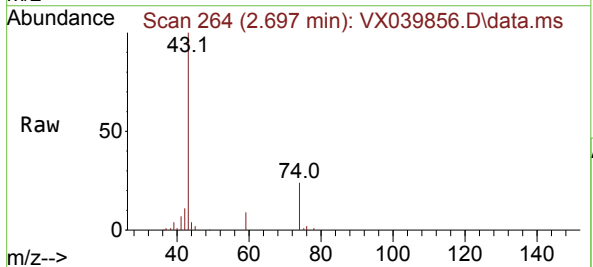
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

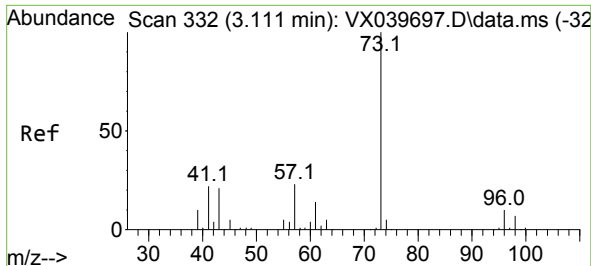
Tgt Ion: 76 Resp: 48698  
Ion Ratio Lower Upper  
76 100  
78 10.0 7.0 10.6



#18  
Methyl Acetate  
Concen: 22.304 ug/l  
RT: 2.697 min Scan# 264  
Delta R.T. -0.006 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion: 43 Resp: 34664  
Ion Ratio Lower Upper  
43 100  
74 23.0 17.8 26.8

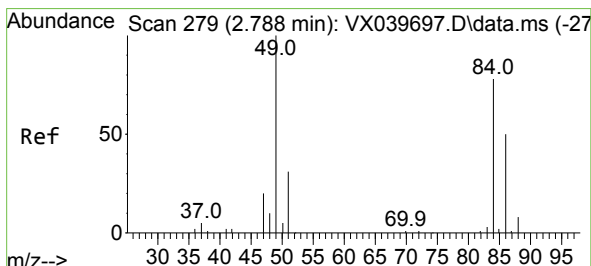
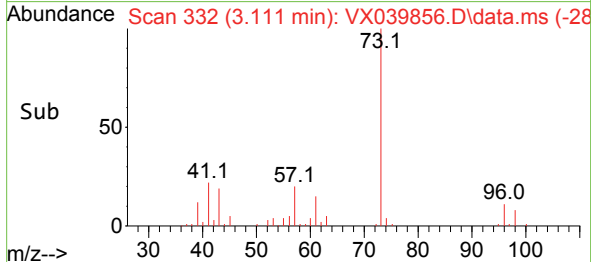
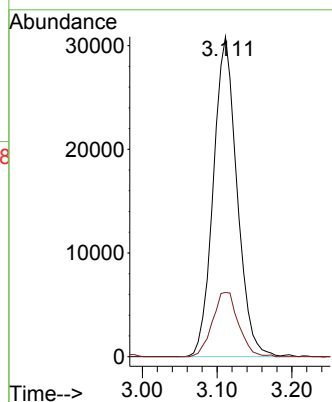
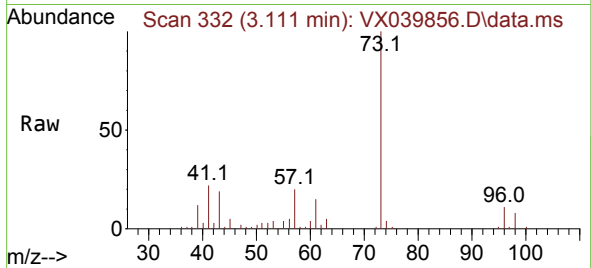




#19  
Methyl tert-butyl Ether  
Concen: 20.210 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

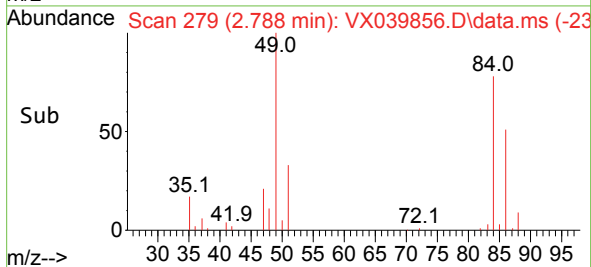
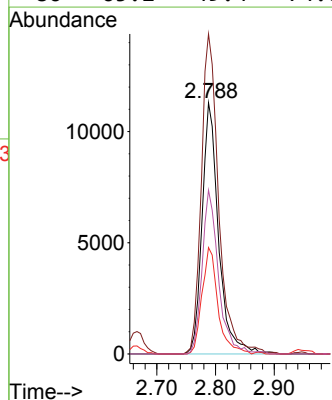
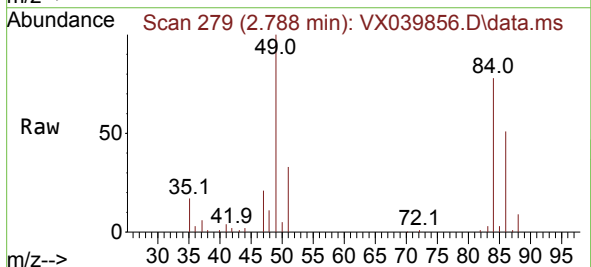
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

Tgt Ion: 73 Resp: 68093  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.3 25.9



#20  
Methylene Chloride  
Concen: 19.665 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion: 84 Resp: 22097  
Ion Ratio Lower Upper  
84 100  
49 127.4 103.6 155.4  
51 42.4 33.8 50.6  
86 65.2 49.4 74.0

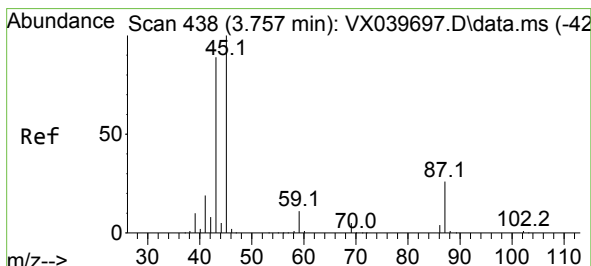
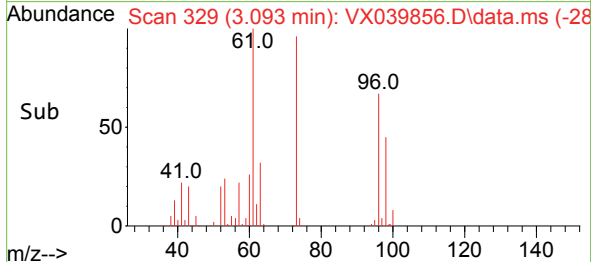
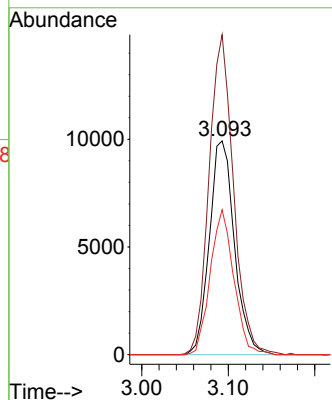
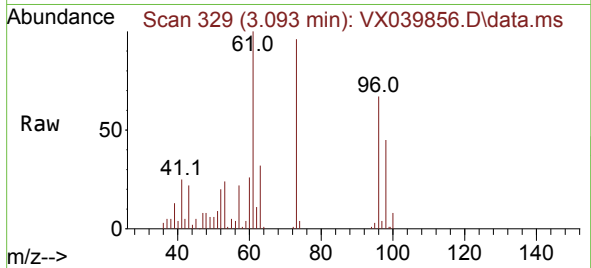




#21  
trans-1,2-Dichloroethene  
Concen: 19.996 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

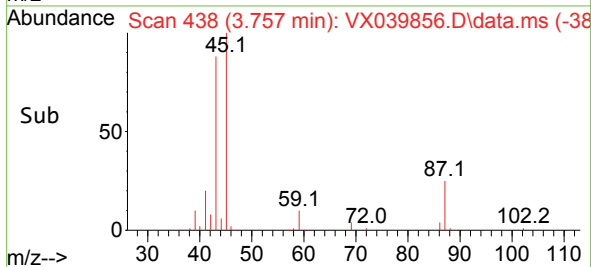
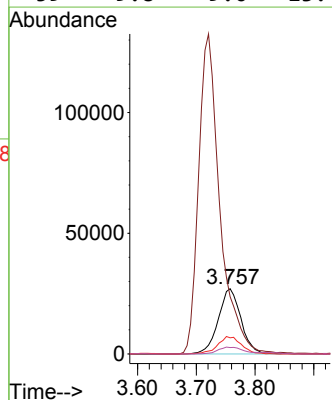
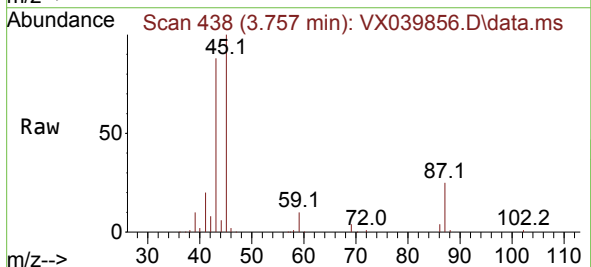
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

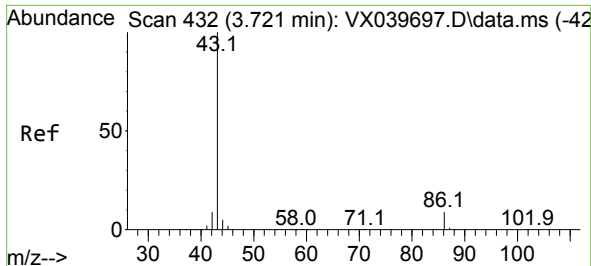
Tgt Ion: 96 Resp: 19971  
Ion Ratio Lower Upper  
96 100  
61 149.7 119.2 178.8  
98 67.8 48.7 73.1



#22  
Diisopropyl ether  
Concen: 20.270 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion: 45 Resp: 72256  
Ion Ratio Lower Upper  
45 100  
43 87.3 69.7 104.5  
87 24.9 20.8 31.2  
59 9.8 9.0 13.4

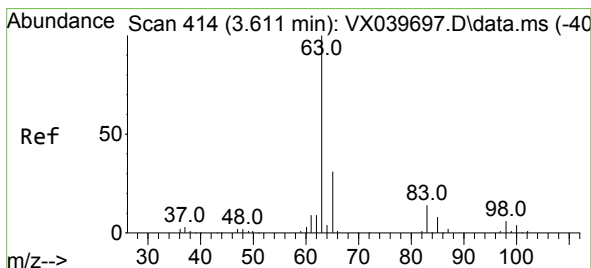
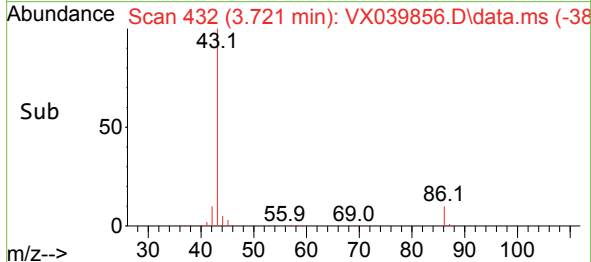
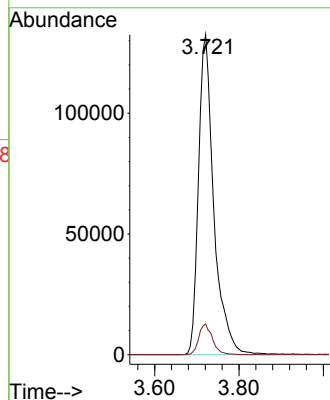
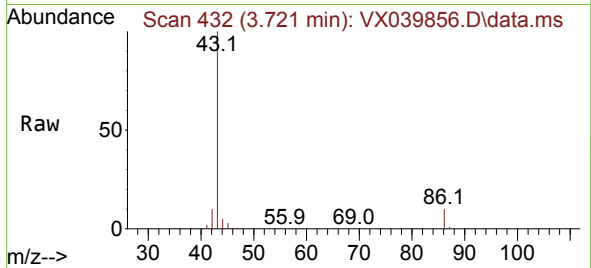




#23  
 Vinyl Acetate  
 Concen: 101.189 ug/l  
 RT: 3.721 min Scan# 411  
 Delta R.T. 0.000 min  
 Lab File: VX039856.D  
 Acq: 19 Jan 2024 22:24

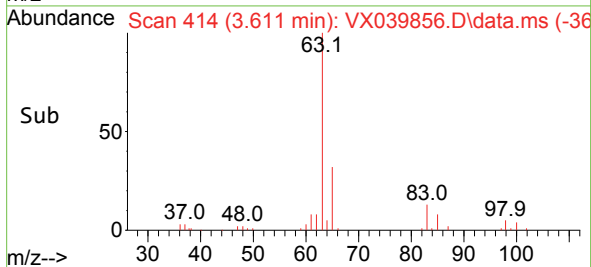
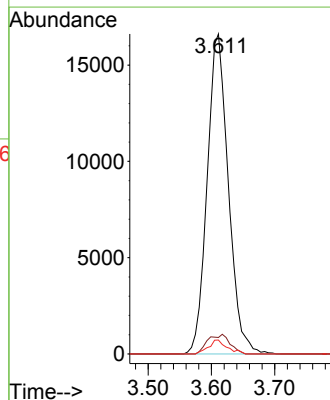
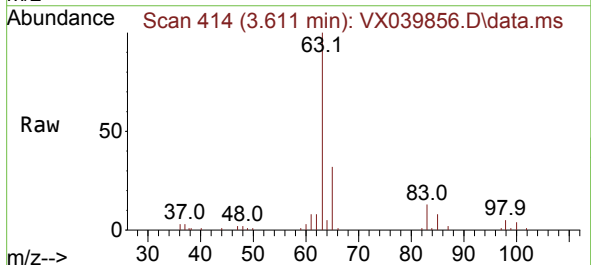
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0119WBSD02

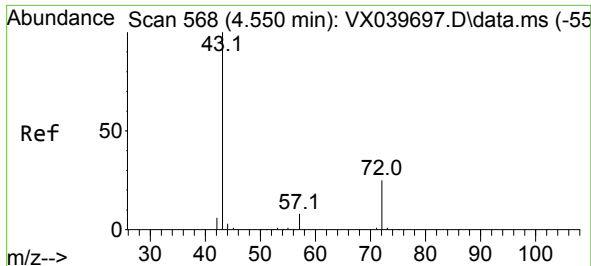
Tgt Ion: 43 Resp: 335290  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 19.768 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX039856.D  
 Acq: 19 Jan 2024 22:24

Tgt Ion: 63 Resp: 38765  
 Ion Ratio Lower Upper  
 63 100  
 98 5.2 3.3 9.8  
 100 4.4 2.1 6.5

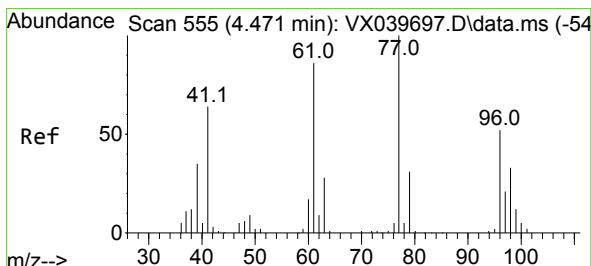
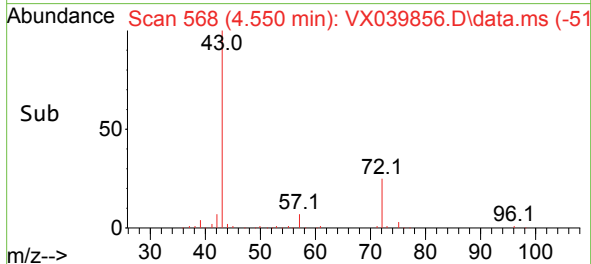
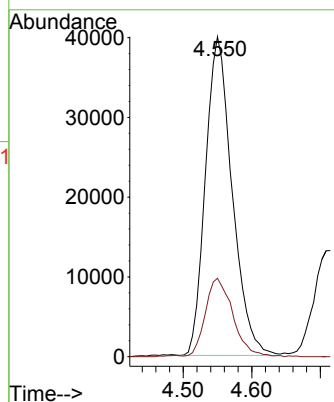
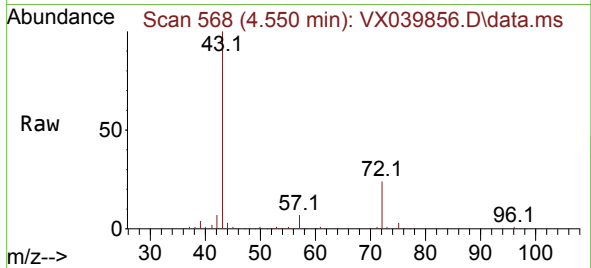




#25  
2-Butanone  
Concen: 101.209 ug/l  
RT: 4.550 min Scan# 568  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

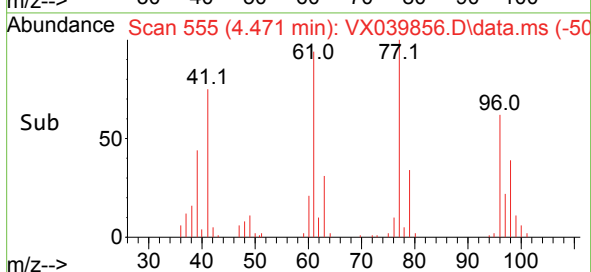
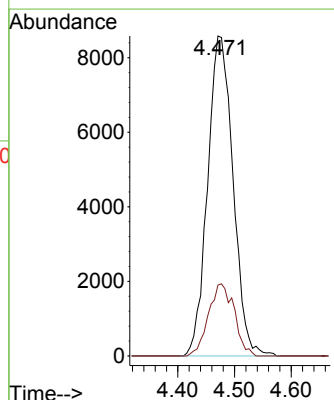
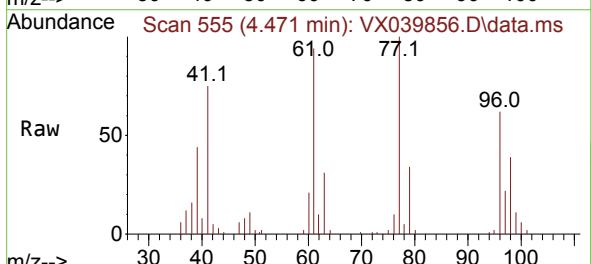
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

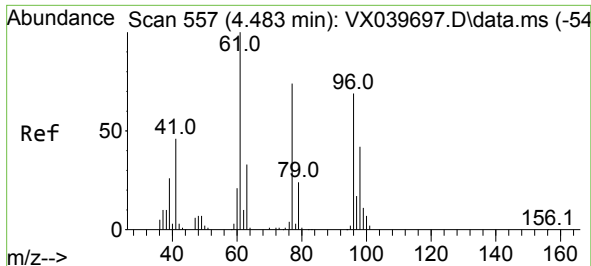
Tgt Ion: 43 Resp: 108044  
Ion Ratio Lower Upper  
43 100  
72 24.3 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 16.983 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion: 77 Resp: 26730  
Ion Ratio Lower Upper  
77 100  
97 22.8 10.8 32.3

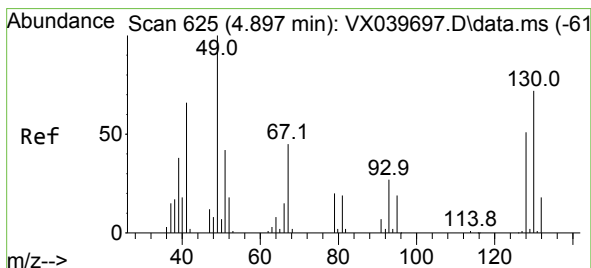
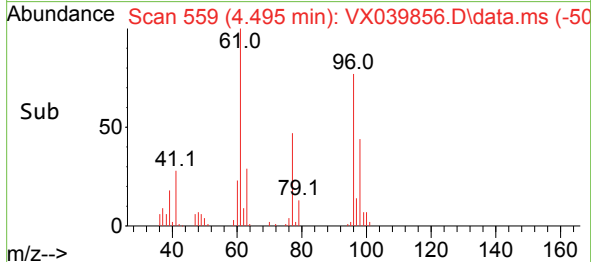
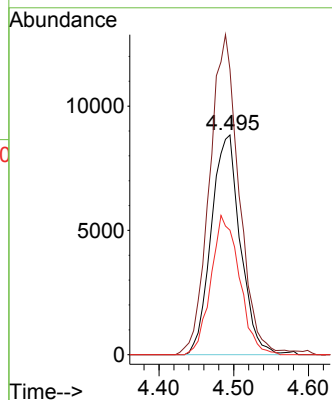
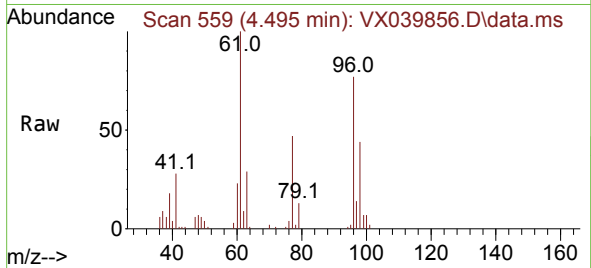




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.868 ug/l  
 RT: 4.495 min Scan# 511  
 Delta R.T. 0.012 min  
 Lab File: VX039856.D  
 Acq: 19 Jan 2024 22:24

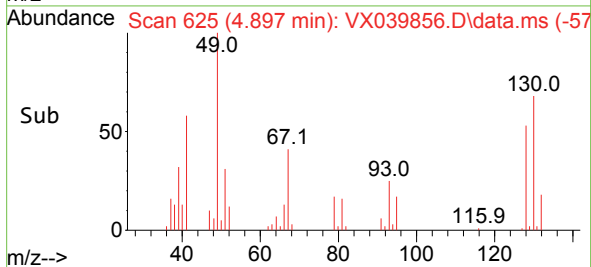
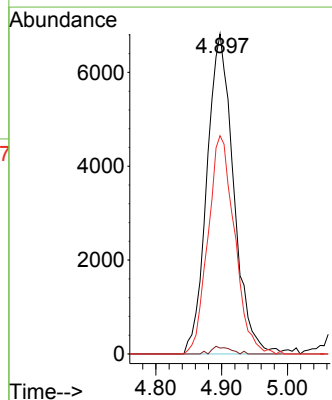
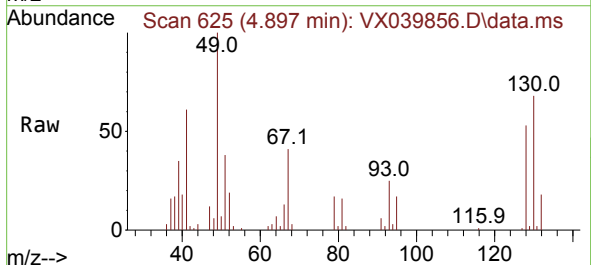
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0119WBSD02

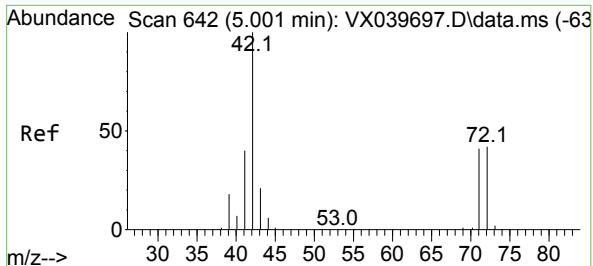
Tgt Ion: 96 Resp: 23904  
 Ion Ratio Lower Upper  
 96 100  
 61 149.1 0.0 312.2  
 98 62.1 0.0 129.0



#28  
 Bromochloromethane  
 Concen: 21.671 ug/l  
 RT: 4.897 min Scan# 625  
 Delta R.T. 0.000 min  
 Lab File: VX039856.D  
 Acq: 19 Jan 2024 22:24

Tgt Ion: 49 Resp: 19264  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 3.8  
 130 67.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 103.722 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

VX0119WBSD02

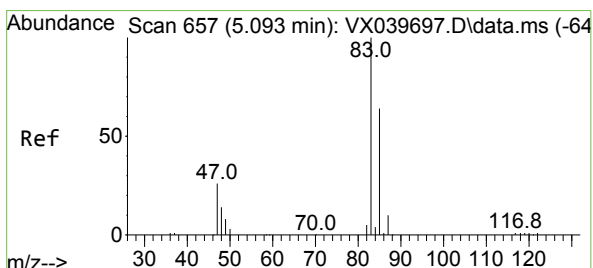
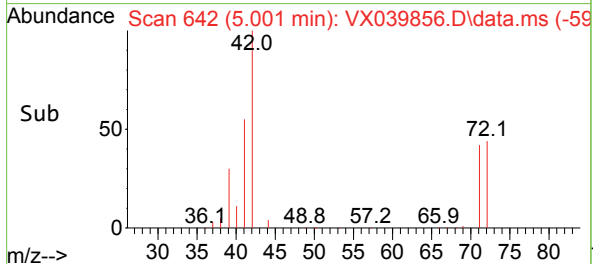
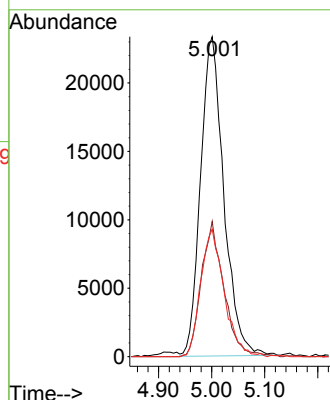
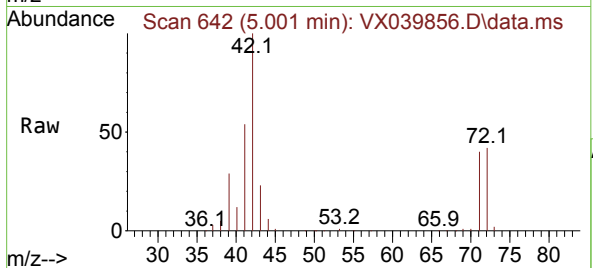
Tgt Ion: 42 Resp: 71269

Ion Ratio Lower Upper

42 100

72 41.1 34.2 51.4

71 40.1 32.2 48.2



#30

Chloroform

Concen: 20.810 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039856.D

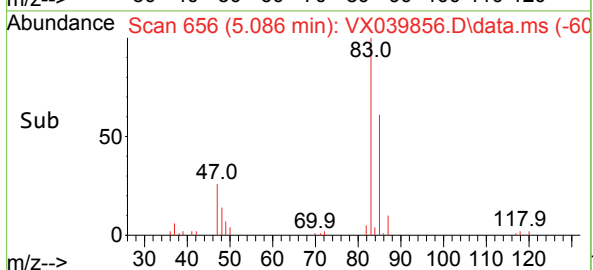
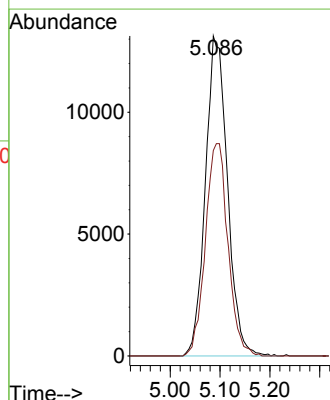
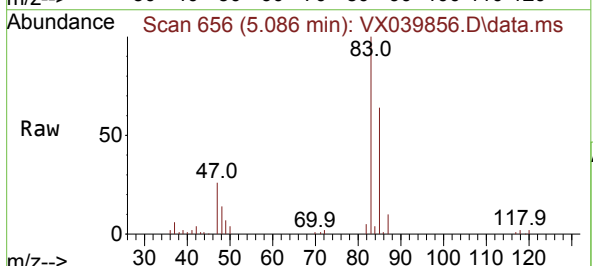
Acq: 19 Jan 2024 22:24

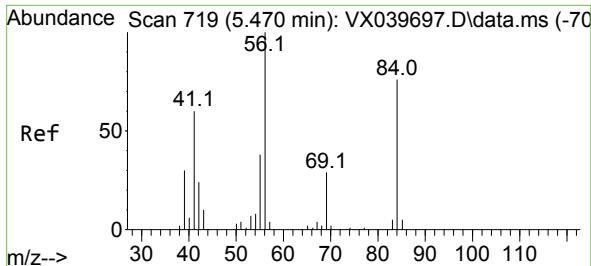
Tgt Ion: 83 Resp: 40285

Ion Ratio Lower Upper

83 100

85 64.2 50.3 75.5

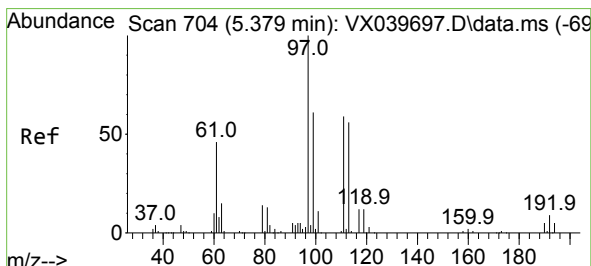
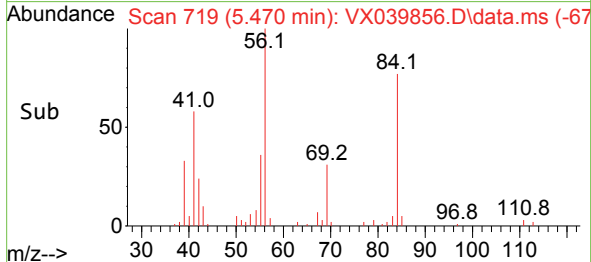
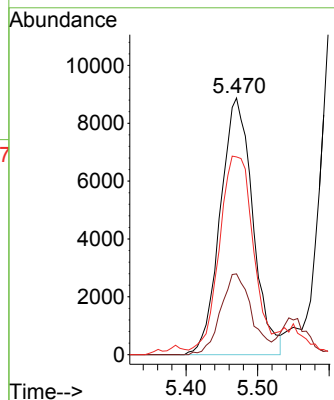
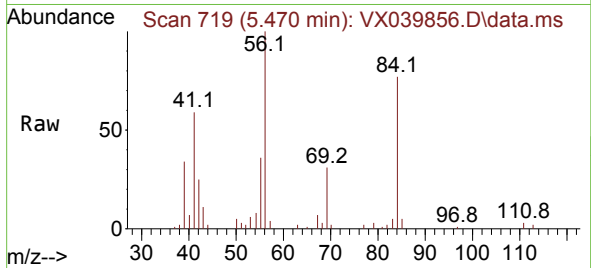




#31  
Cyclohexane  
Concen: 16.071 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

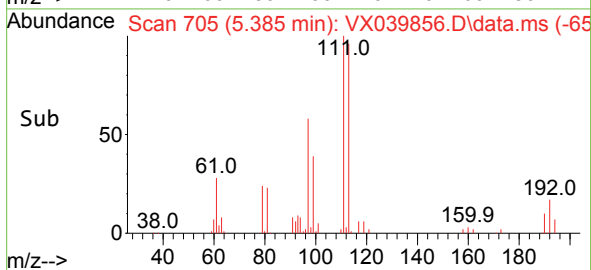
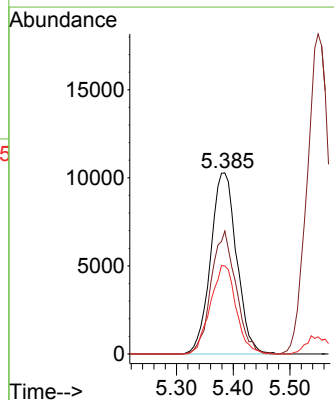
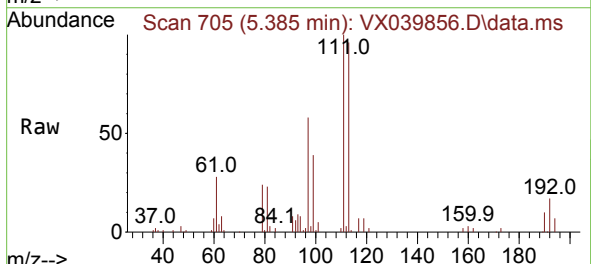
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

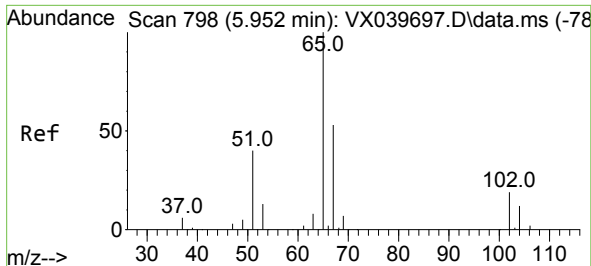
|             |                |
|-------------|----------------|
| Tgt Ion: 56 | Resp: 28016    |
| Ion Ratio   | Lower Upper    |
| 56          | 100            |
| 69          | 31.5 23.4 35.2 |
| 84          | 74.6 65.9 98.9 |



#32  
1,1,1-Trichloroethane  
Concen: 19.774 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

|             |                |
|-------------|----------------|
| Tgt Ion: 97 | Resp: 32773    |
| Ion Ratio   | Lower Upper    |
| 97          | 100            |
| 99          | 64.8 51.1 76.7 |
| 61          | 48.2 36.4 54.6 |

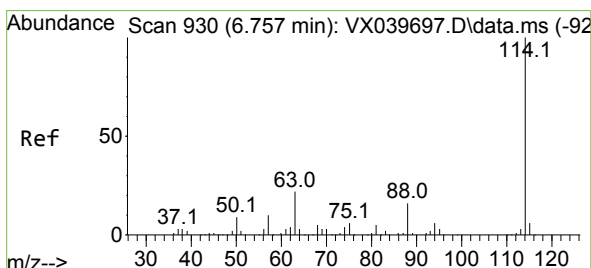
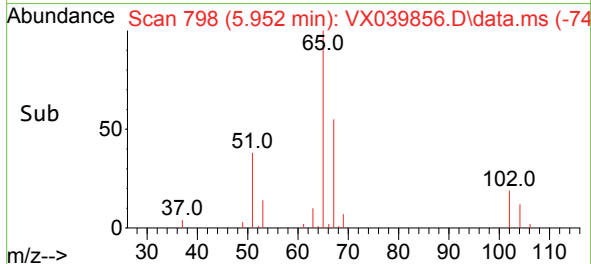
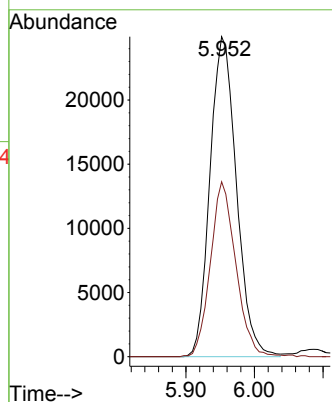
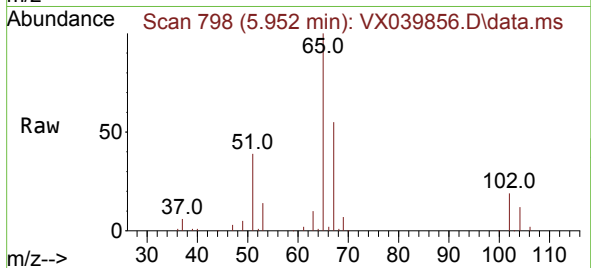




#33  
1,2-Dichloroethane-d4  
Concen: 50.702 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

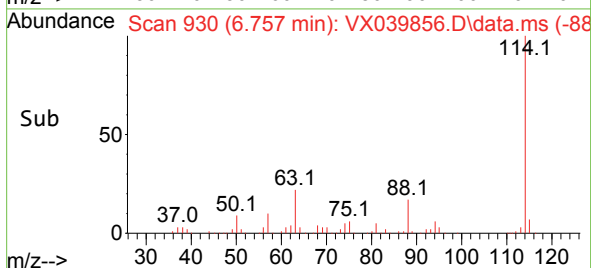
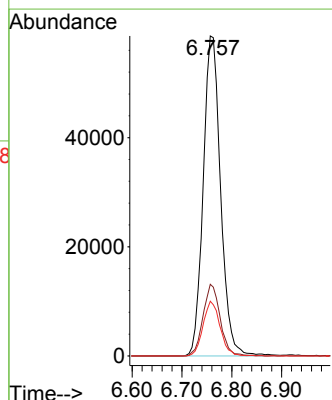
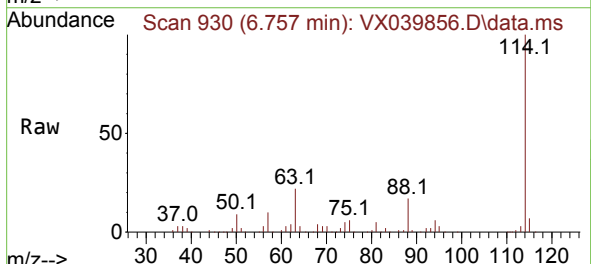
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

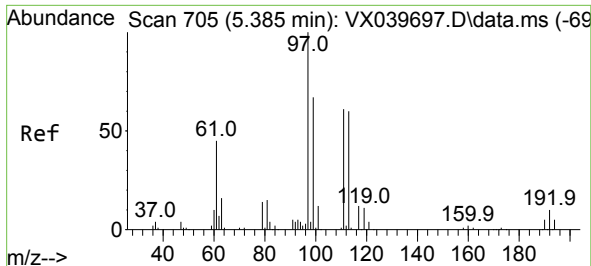
Tgt Ion: 65 Resp: 66972  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

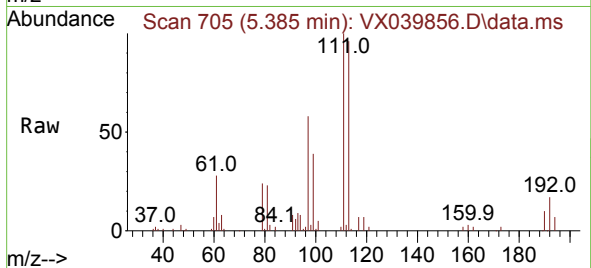
Tgt Ion: 114 Resp: 142339  
Ion Ratio Lower Upper  
114 100  
63 22.4 0.0 45.0  
88 17.1 0.0 36.6



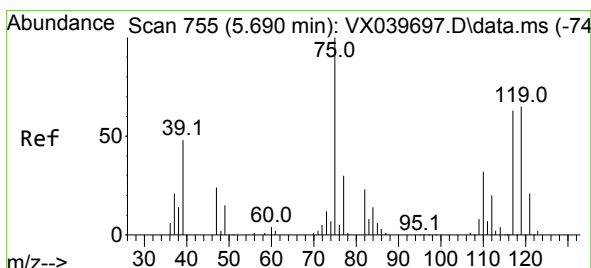
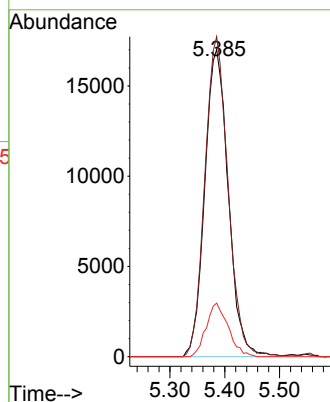
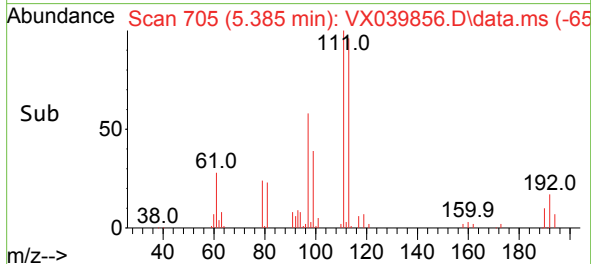


#35  
Dibromofluoromethane  
Concen: 52.779 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

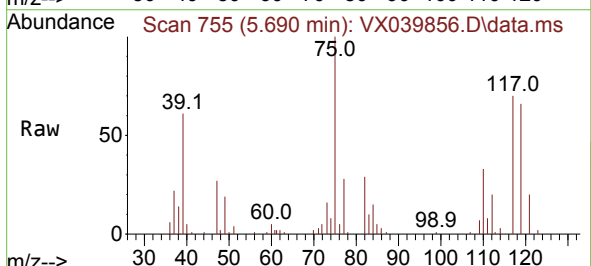
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02



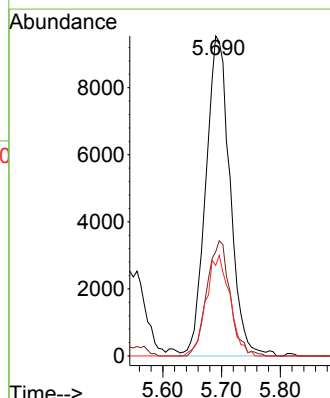
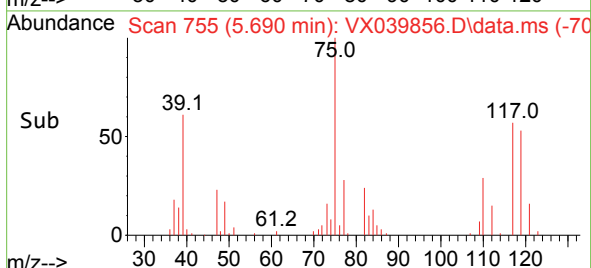
Tgt Ion:113 Resp: 50600  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.9 124.3  
192 16.4 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 18.261 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24



Tgt Ion: 75 Resp: 27251  
Ion Ratio Lower Upper  
75 100  
110 34.8 17.0 50.9  
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 19.473 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX039856.D

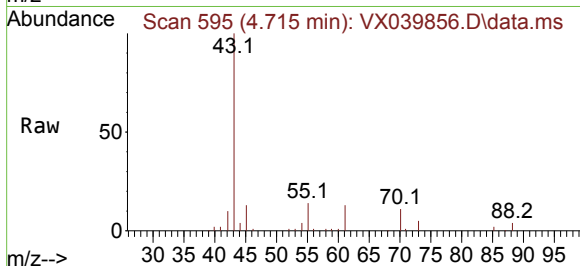
Acq: 19 Jan 2024 22:24

Instrument :

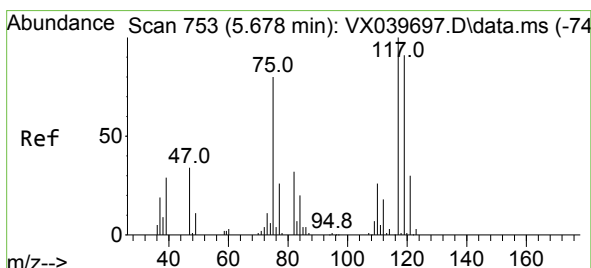
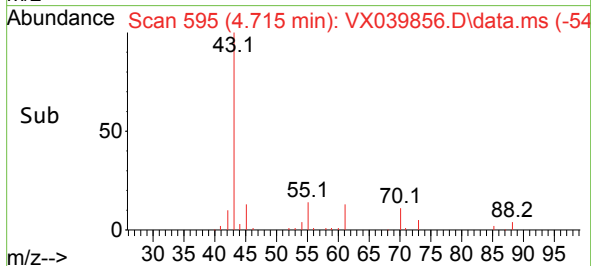
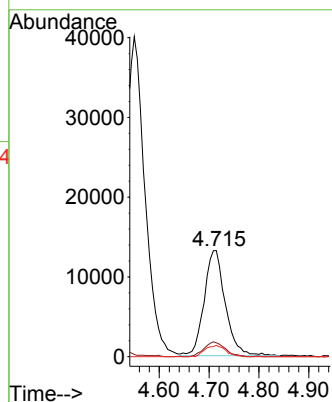
MSVOA\_X

ClientSampleId :

VX0119WBSD02



|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 38767    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 14.0 10.6 16.0 |
| 70          | 10.4 8.3 12.5  |



#38

Carbon Tetrachloride

Concen: 18.748 ug/l

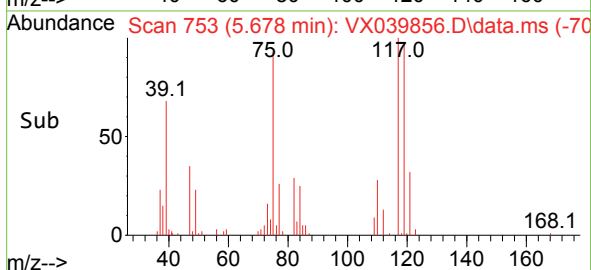
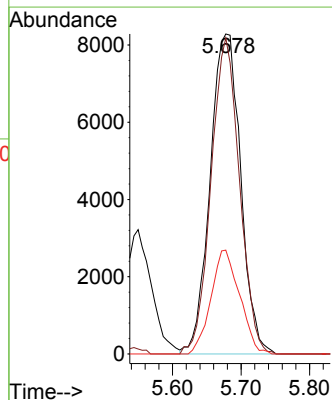
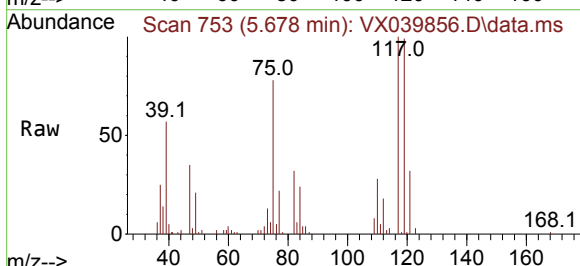
RT: 5.678 min Scan# 753

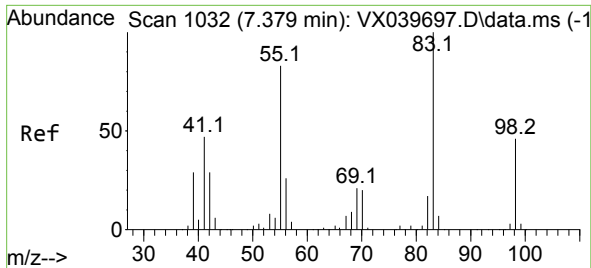
Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 25624     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 98.8 78.2 117.2 |
| 121          | 32.4 24.4 36.6  |

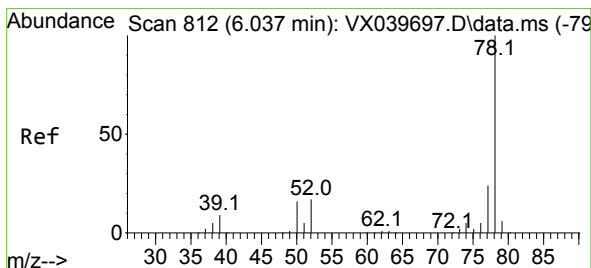
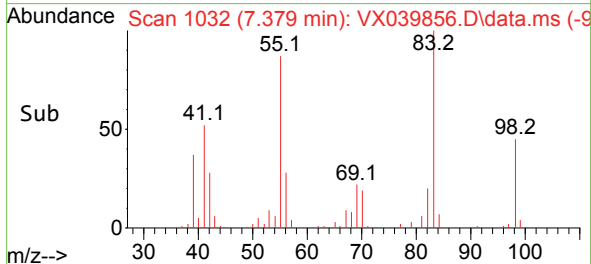
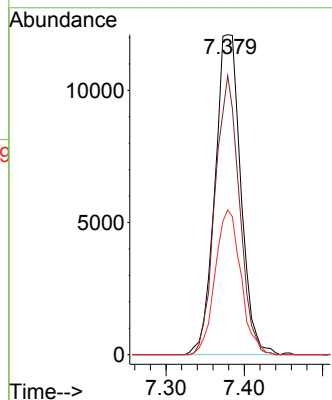
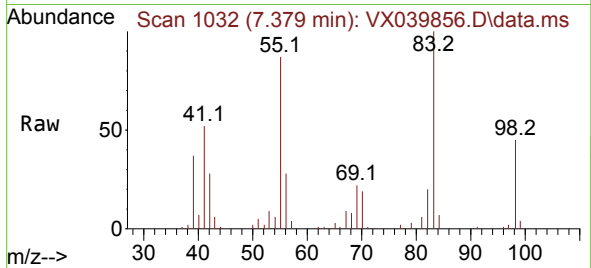




#39  
Methylcyclohexane  
Concen: 15.484 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

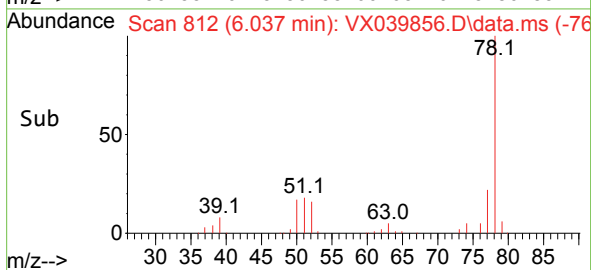
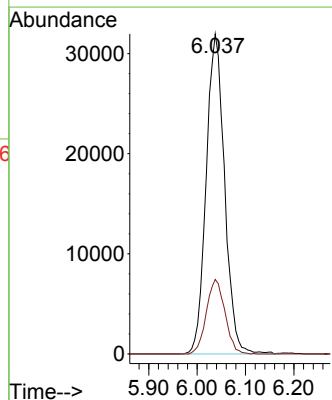
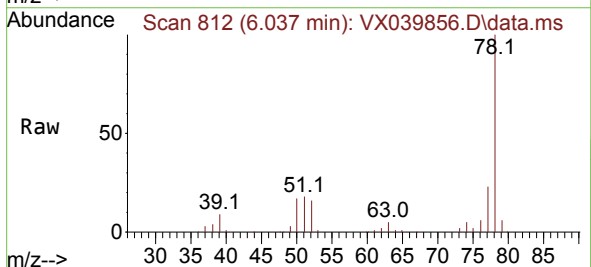
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

Tgt Ion: 83 Resp: 27747  
Ion Ratio Lower Upper  
83 100  
55 87.1 64.6 97.0  
98 45.2 36.7 55.1



#40  
Benzene  
Concen: 20.022 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion: 78 Resp: 84603  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.3 28.9

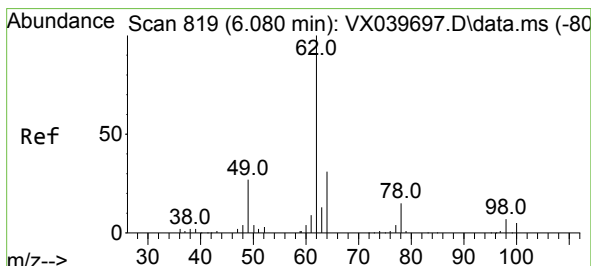
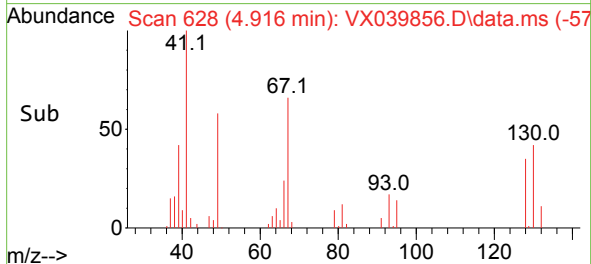
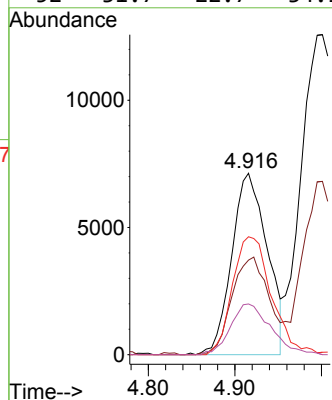
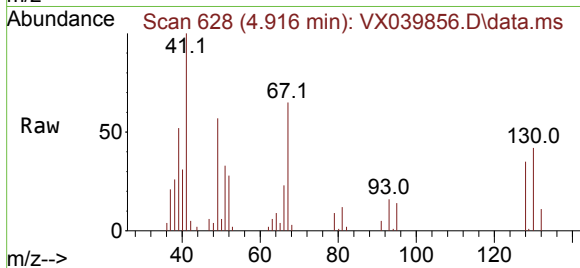




#41  
Methacrylonitrile  
Concen: 20.843 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

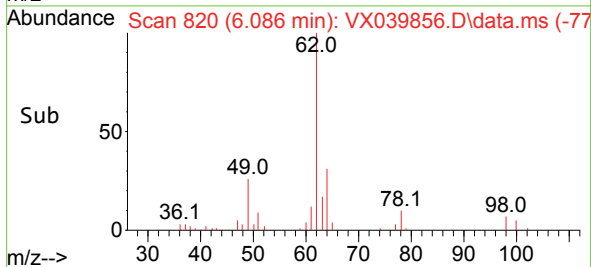
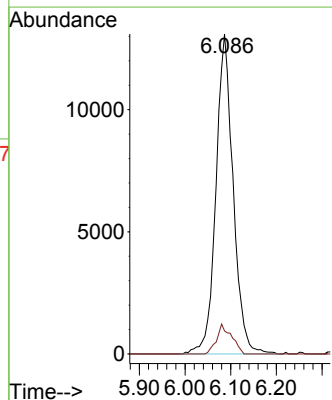
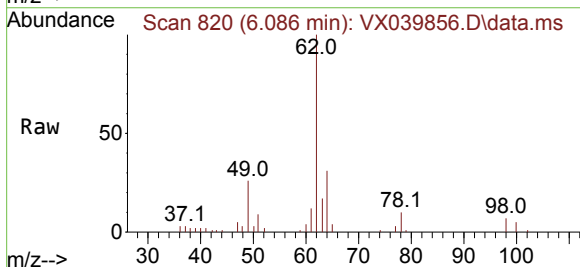
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 20291 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.7  | 45.2  | 67.8  |
| 67       | 71.8  | 52.6  | 78.8  |
| 52       | 31.7  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 21.362 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 34318 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.1   | 0.0   | 16.0  |





#43

Isopropyl Acetate

Concen: 20.327 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

VX0119WBSD02

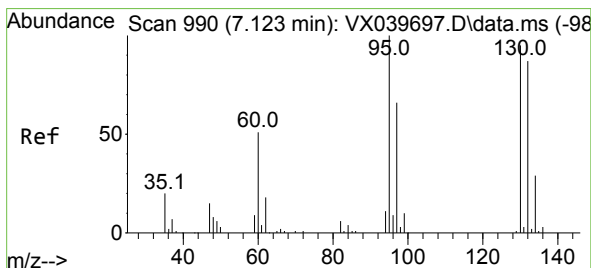
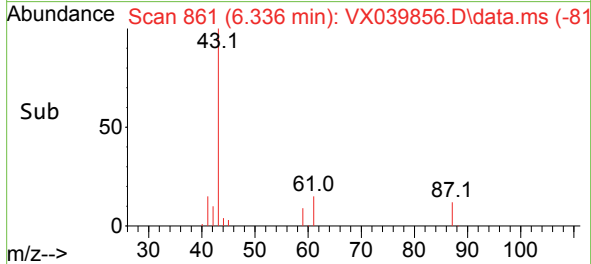
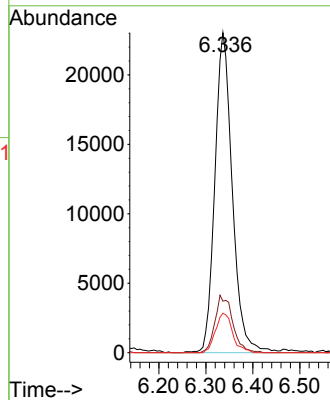
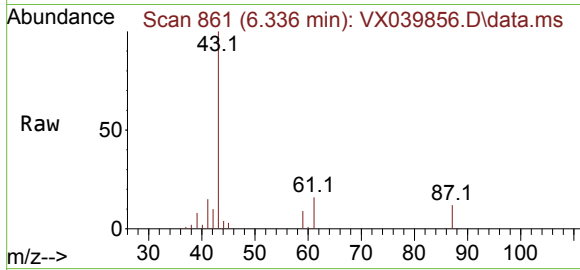
Tgt Ion: 43 Resp: 59363

Ion Ratio Lower Upper

43 100

61 18.2 15.2 22.8

87 12.1 9.8 14.6



#44

Trichloroethene

Concen: 20.240 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039856.D

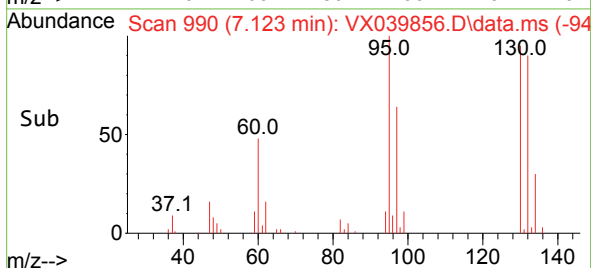
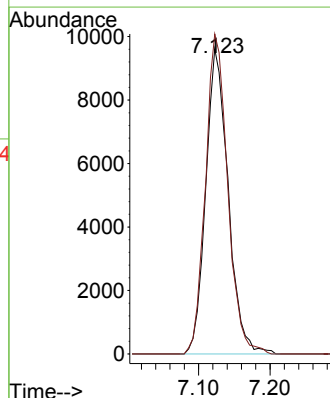
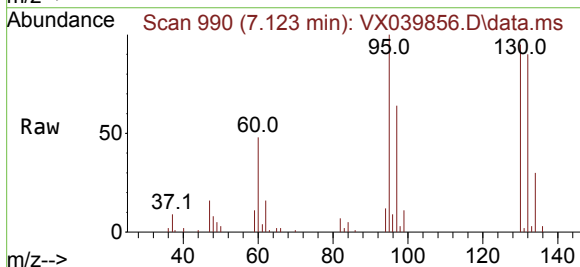
Acq: 19 Jan 2024 22:24

Tgt Ion:130 Resp: 20961

Ion Ratio Lower Upper

130 100

95 104.9 0.0 204.4

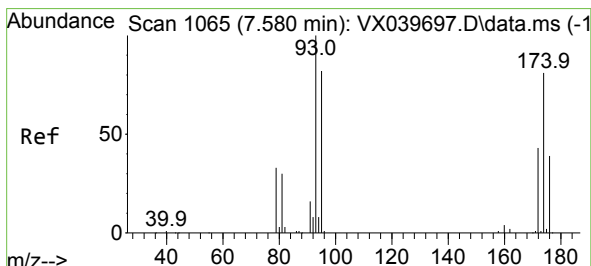
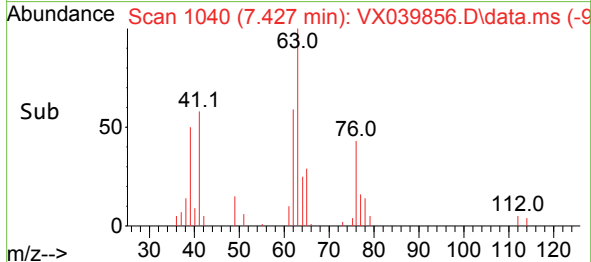
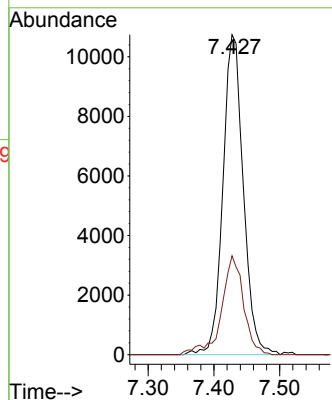
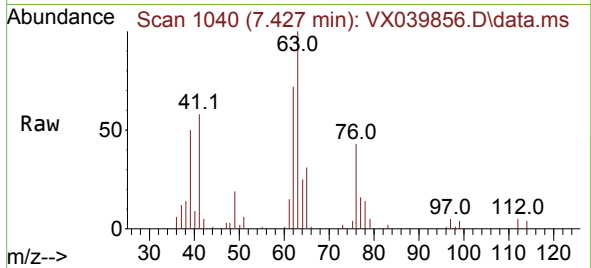




#45  
1,2-Dichloropropane  
Concen: 20.457 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

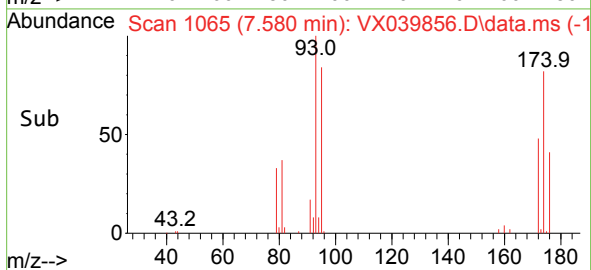
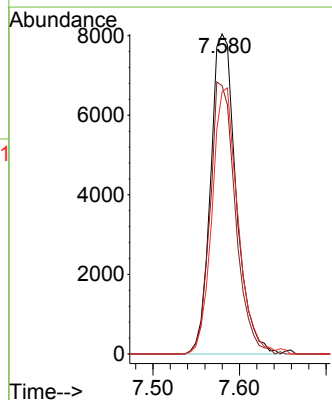
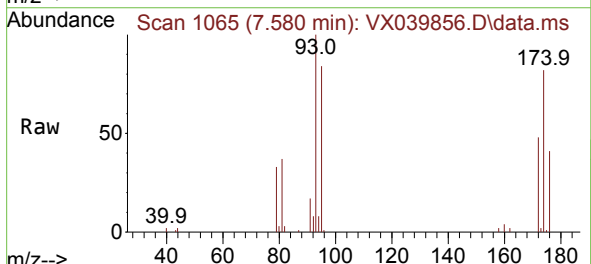
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

Tgt Ion: 63 Resp: 23189  
Ion Ratio Lower Upper  
63 100  
65 30.9 24.3 36.5



#46  
Dibromomethane  
Concen: 21.026 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion: 93 Resp: 16462  
Ion Ratio Lower Upper  
93 100  
95 84.3 66.6 100.0  
174 84.5 69.4 104.0

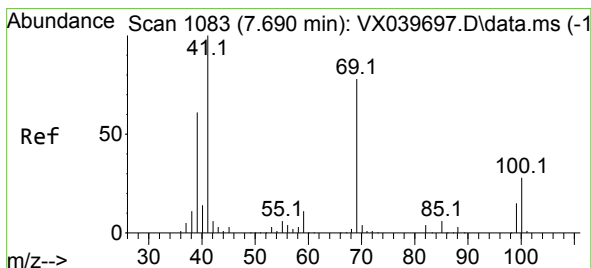
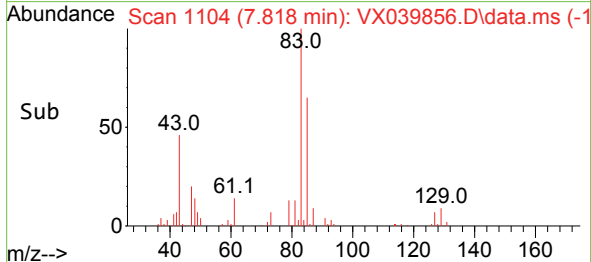
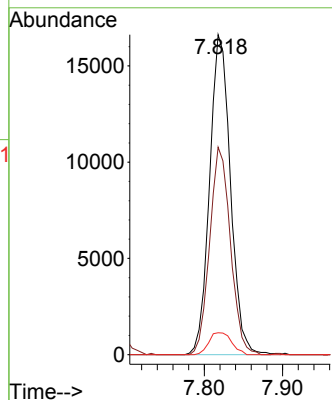
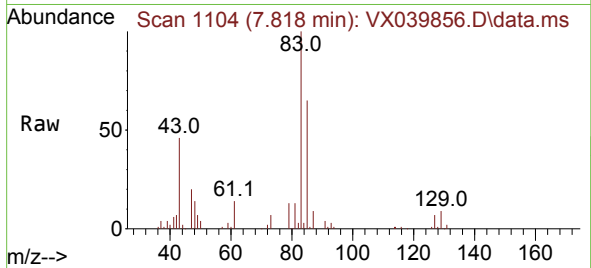




#47  
Bromodichloromethane  
Concen: 21.183 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

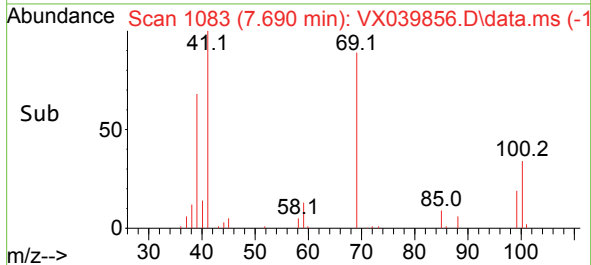
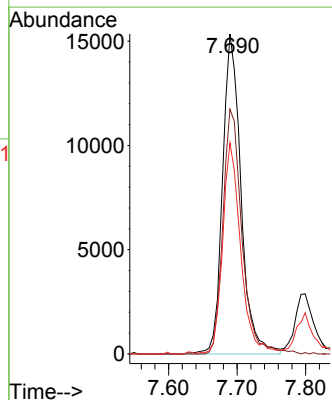
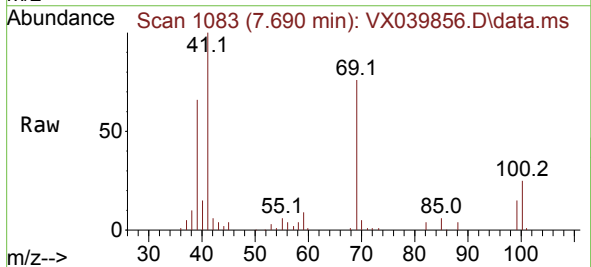
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

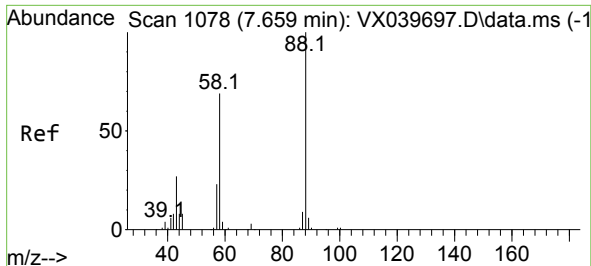
Tgt Ion: 83 Resp: 30716  
Ion Ratio Lower Upper  
83 100  
85 64.8 49.8 74.6  
127 6.8 7.1 10.7#



#48  
Methyl methacrylate  
Concen: 19.886 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion: 41 Resp: 28546  
Ion Ratio Lower Upper  
41 100  
69 79.0 59.2 88.8  
39 64.8 47.7 71.5





#49

1,4-Dioxane

Concen: 423.347 ug/l

RT: 7.653 min Scan# 11759

Delta R.T. -0.006 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

VX0119WBSD02

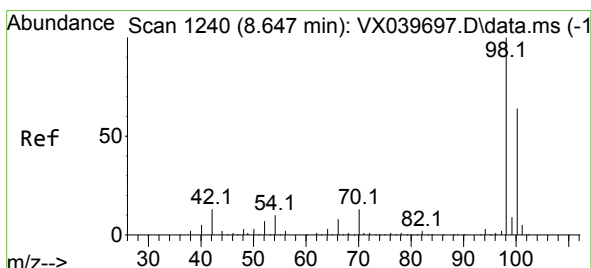
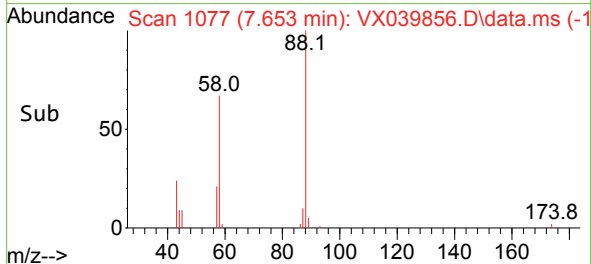
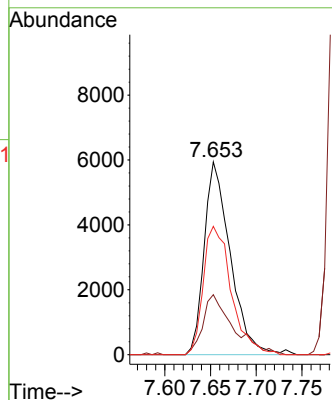
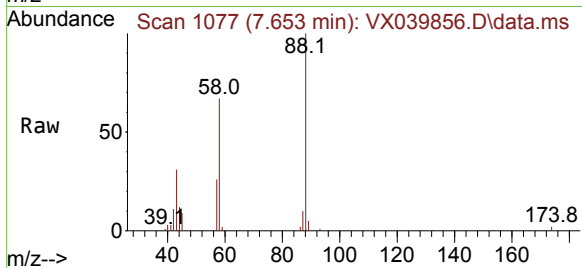
Tgt Ion: 88 Resp: 11759

Ion Ratio Lower Upper

88 100

43 36.1 0.0 0.0#

58 71.6 60.1 90.1



#50

Toluene-d8

Concen: 49.261 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039856.D

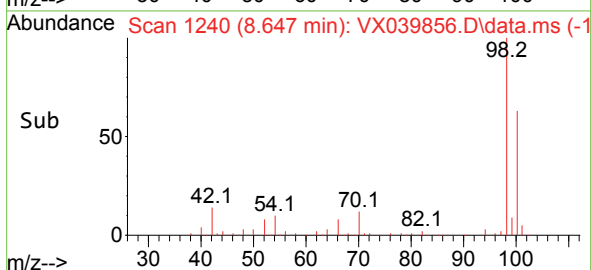
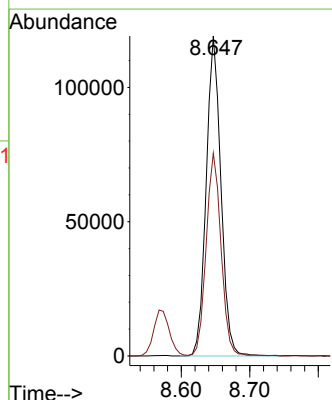
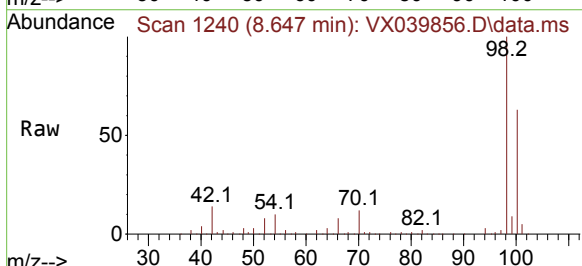
Acq: 19 Jan 2024 22:24

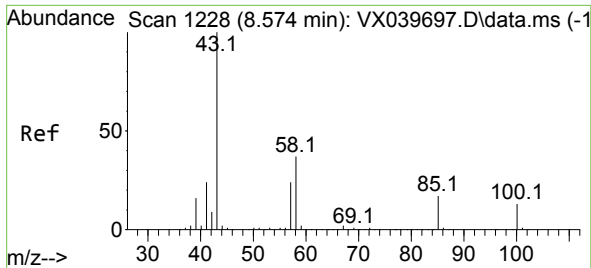
Tgt Ion: 98 Resp: 178119

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7

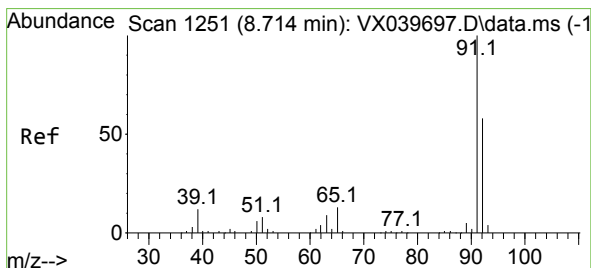
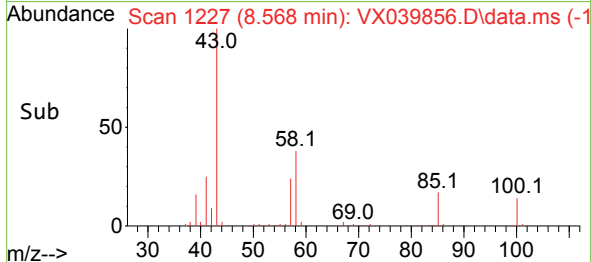
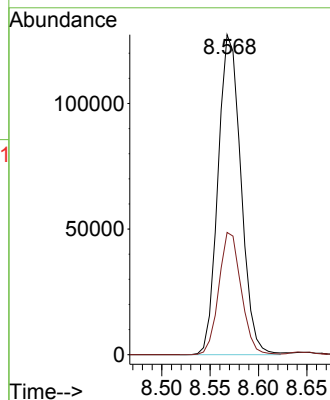
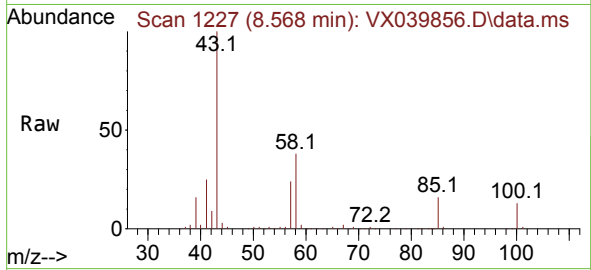




#51  
4-Methyl-2-Pentanone  
Concen: 103.925 ug/l  
RT: 8.568 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

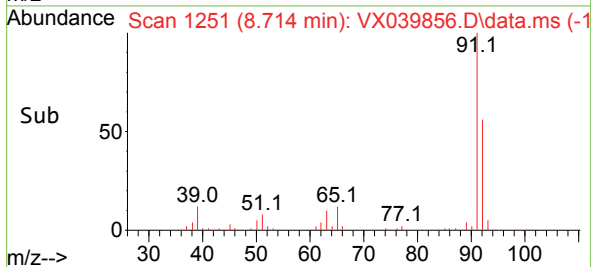
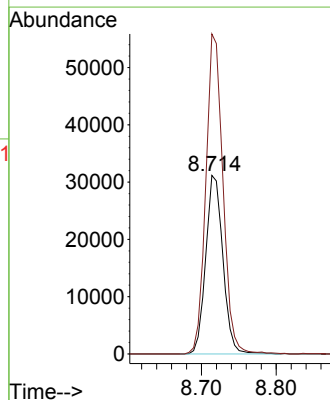
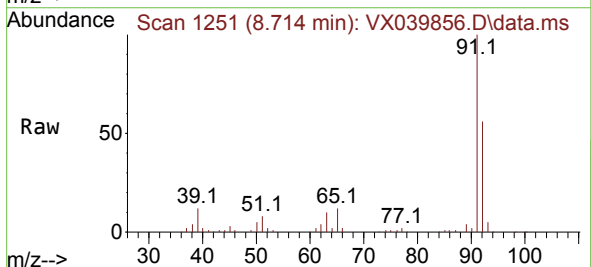
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

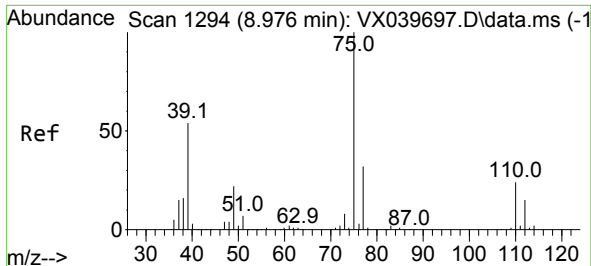
Tgt Ion: 43 Resp: 209028  
Ion Ratio Lower Upper  
43 100  
58 37.4 30.4 45.6



#52  
Toluene  
Concen: 19.700 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion: 92 Resp: 49722  
Ion Ratio Lower Upper  
92 100  
91 178.6 134.2 201.2

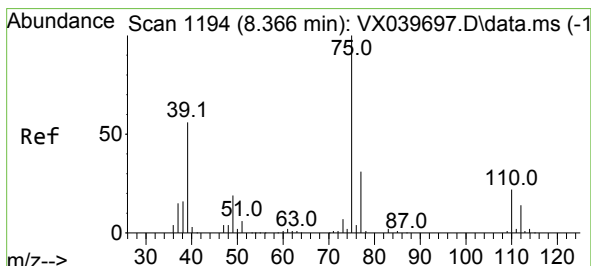
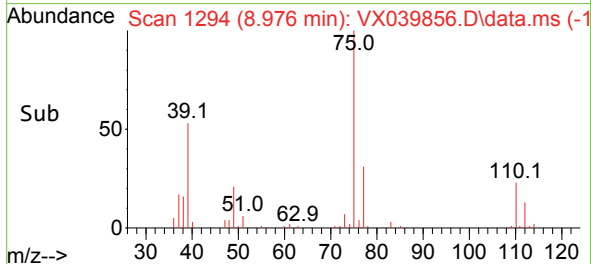
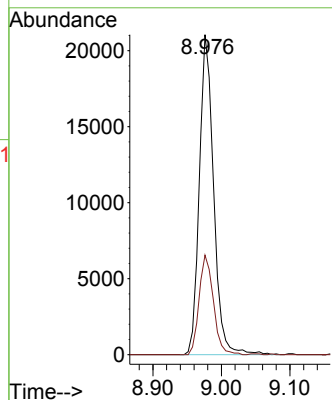
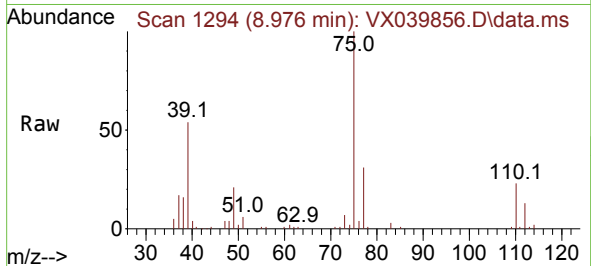




#53  
 t-1,3-Dichloropropene  
 Concen: 19.883 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. 0.000 min  
 Lab File: VX039856.D  
 Acq: 19 Jan 2024 22:24

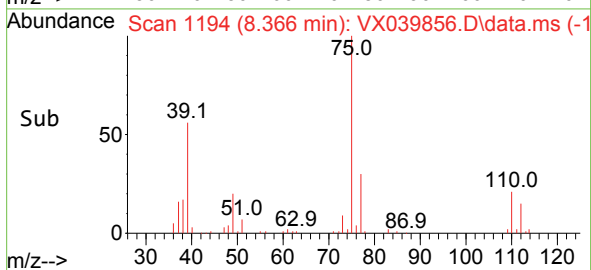
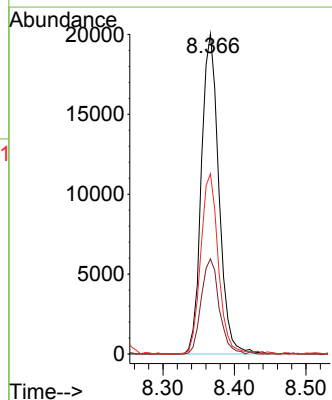
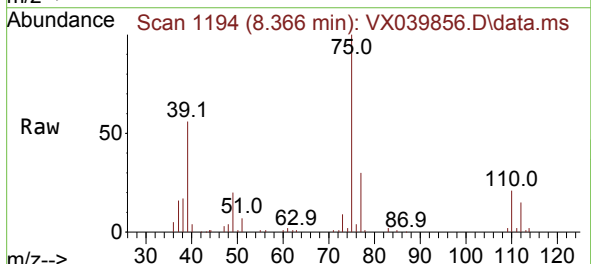
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0119WBSD02

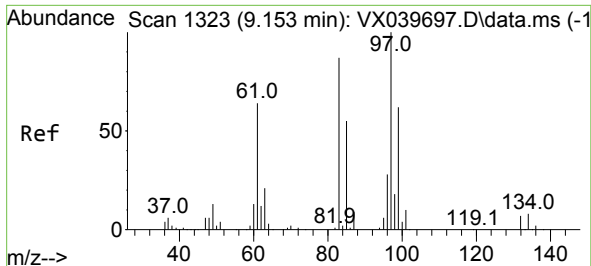
Tgt Ion: 75 Resp: 30593  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.077 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX039856.D  
 Acq: 19 Jan 2024 22:24

Tgt Ion: 75 Resp: 33968  
 Ion Ratio Lower Upper  
 75 100  
 77 29.7 25.3 37.9  
 39 56.3 46.7 70.1

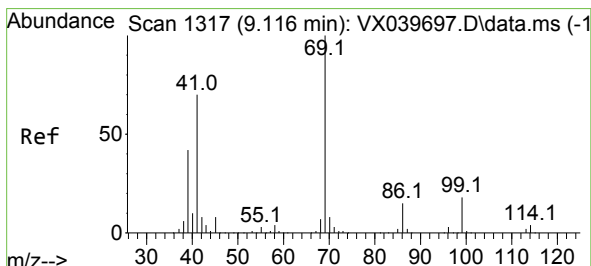
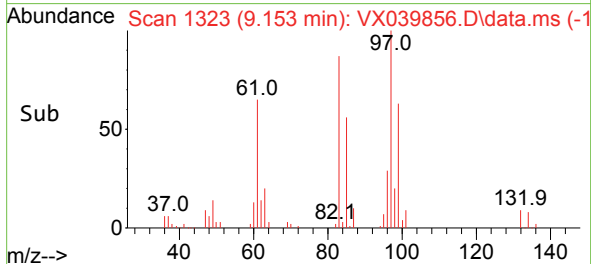
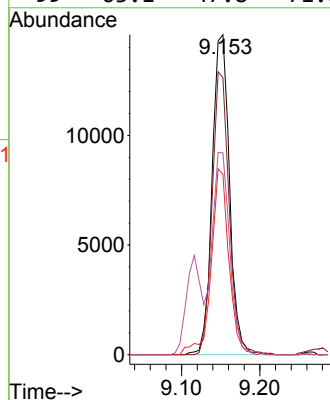
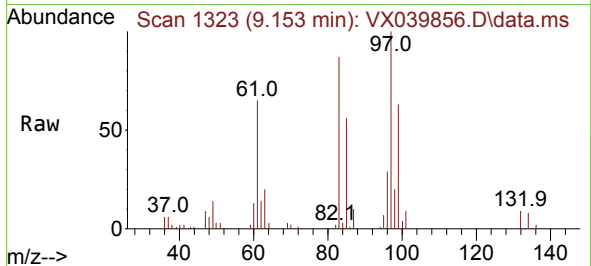




#55  
1,1,2-Trichloroethane  
Concen: 20.845 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

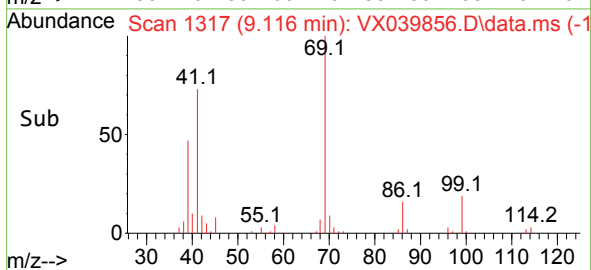
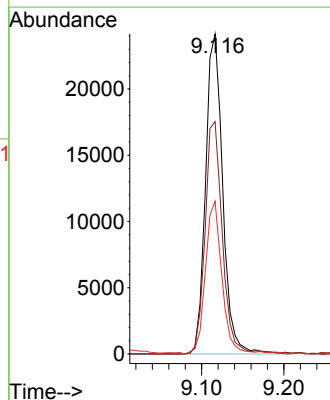
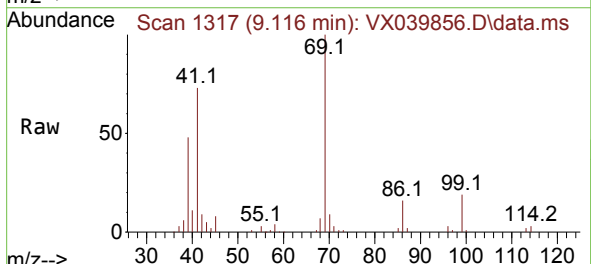
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

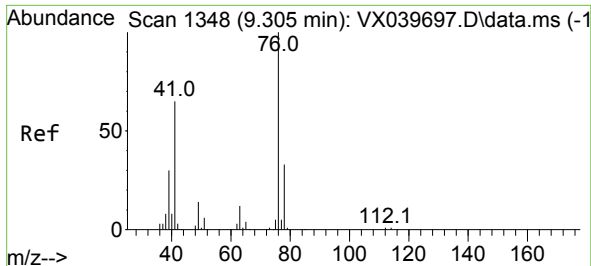
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 22400 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 86.6     | 65.8 98.8   |
| 85 56.3     | 41.6 62.4   |
| 99 63.1     | 47.8 71.8   |



#56  
Ethyl methacrylate  
Concen: 20.133 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 35015 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 73.3     | 56.8 85.2   |
| 39 46.1     | 32.0 48.0   |





#57

1,3-Dichloropropane

Concen: 21.033 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

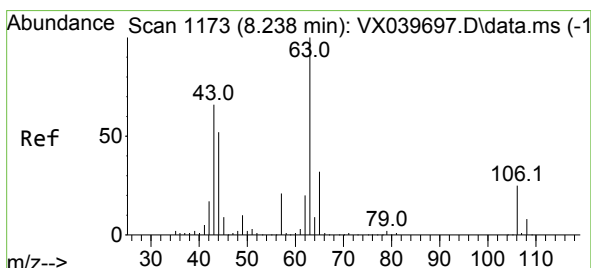
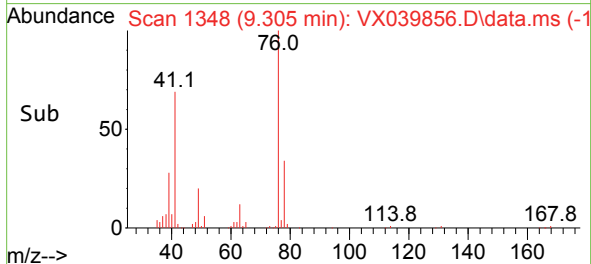
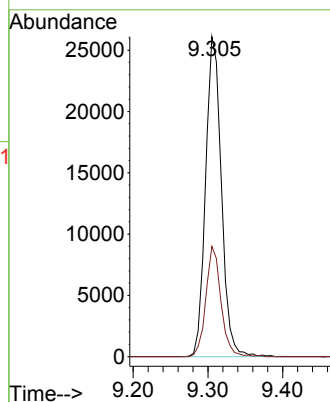
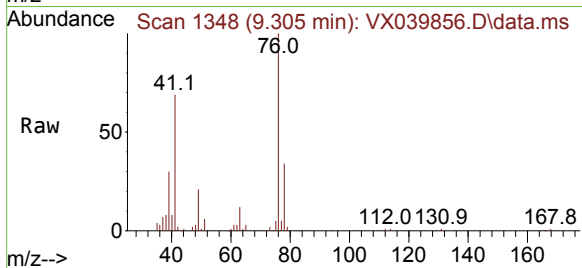
VX0119WBSD02

Tgt Ion: 76 Resp: 38302

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 100.704 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039856.D

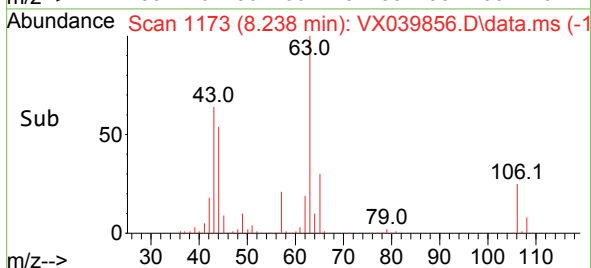
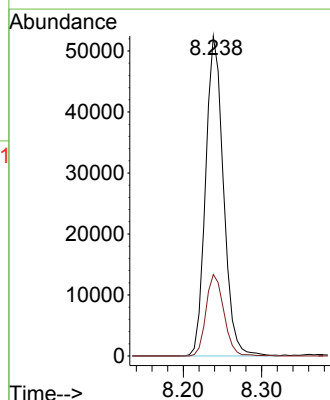
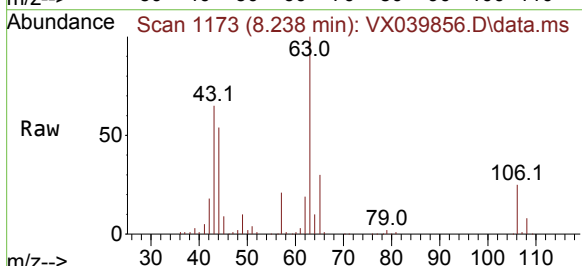
Acq: 19 Jan 2024 22:24

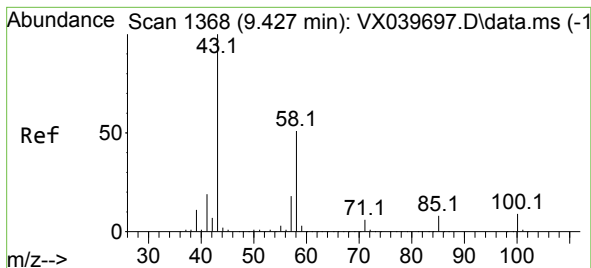
Tgt Ion: 63 Resp: 82785

Ion Ratio Lower Upper

63 100

106 25.5 22.5 33.7





#59

2-Hexanone

Concen: 105.390 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

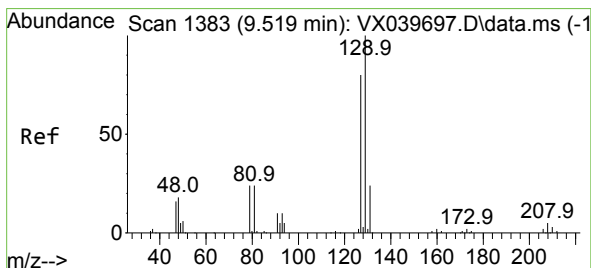
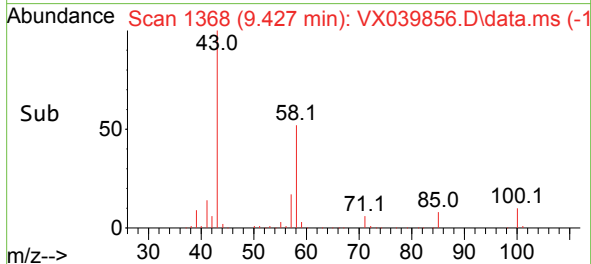
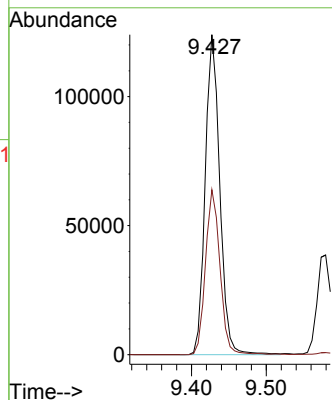
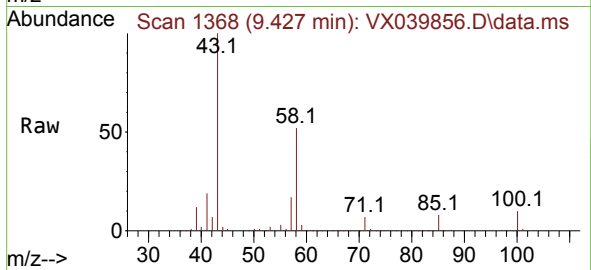
VX0119WBSD02

Tgt Ion: 43 Resp: 167766

Ion Ratio Lower Upper

43 100

58 51.3 26.2 78.5



#60

Dibromochloromethane

Concen: 21.621 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039856.D

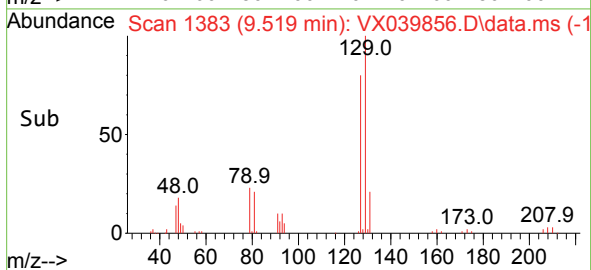
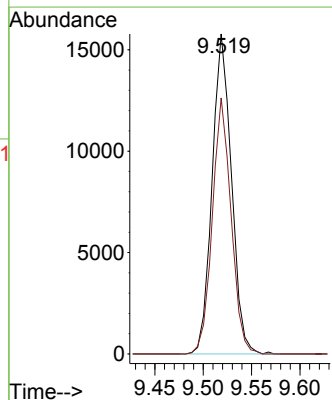
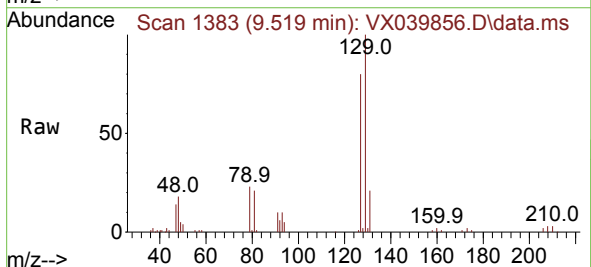
Acq: 19 Jan 2024 22:24

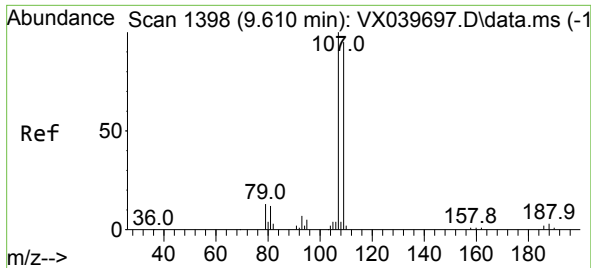
Tgt Ion: 129 Resp: 21910

Ion Ratio Lower Upper

129 100

127 77.6 38.8 116.4

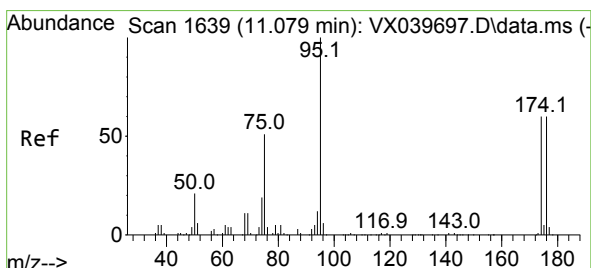
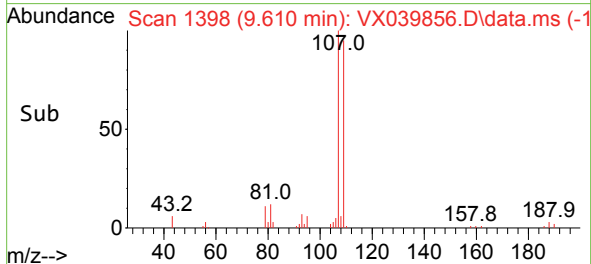
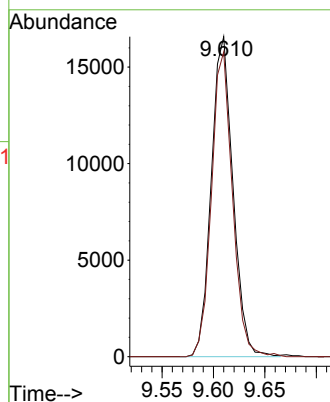
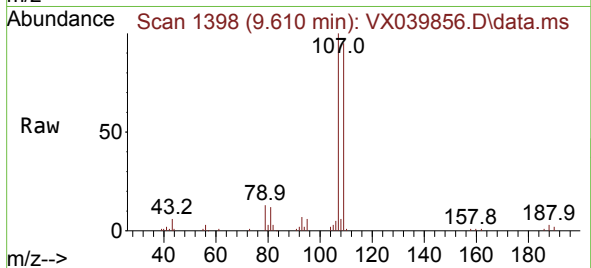




#61  
1,2-Dibromoethane  
Concen: 21.836 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

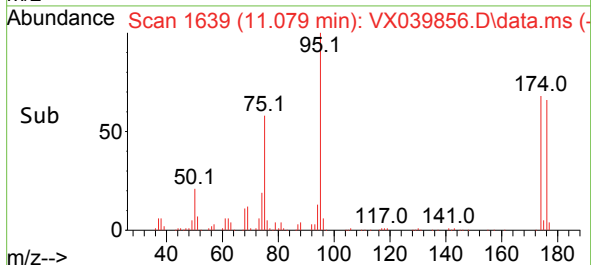
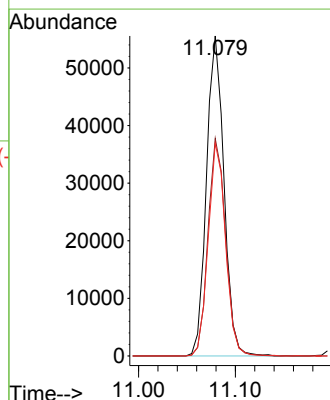
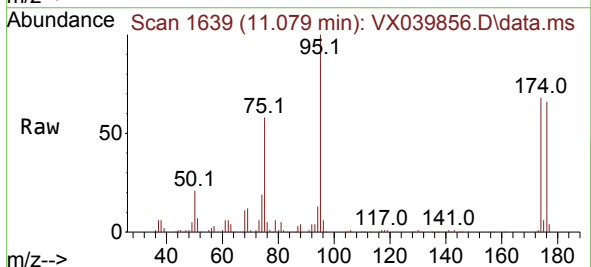
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

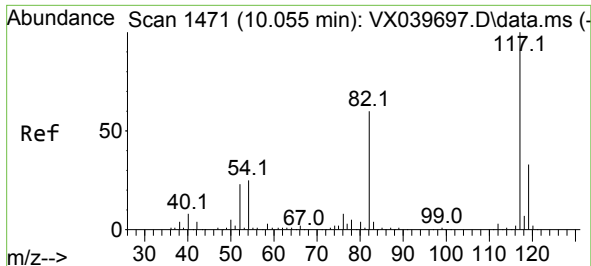
Tgt Ion:107 Resp: 24299  
Ion Ratio Lower Upper  
107 100  
109 92.4 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 49.444 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion: 95 Resp: 69912  
Ion Ratio Lower Upper  
95 100  
174 68.5 0.0 135.6  
176 66.0 0.0 131.0

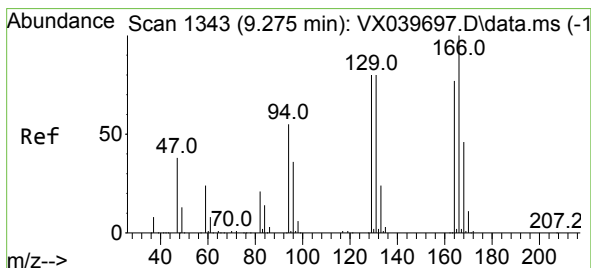
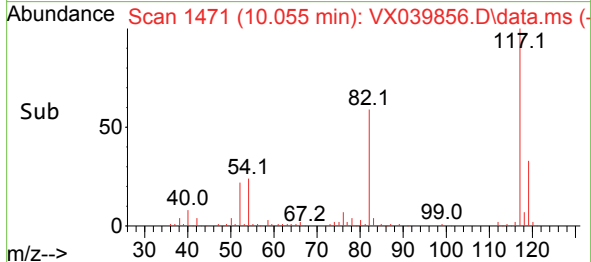
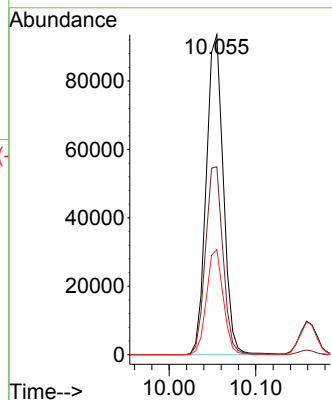
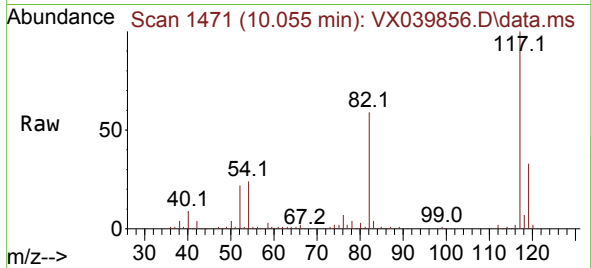




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

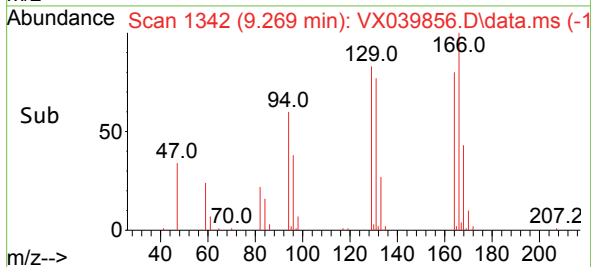
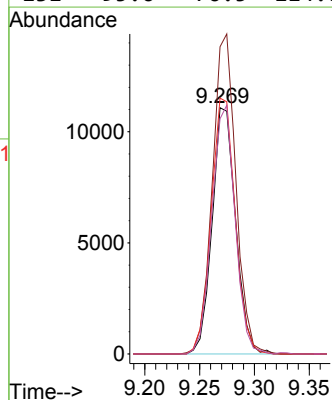
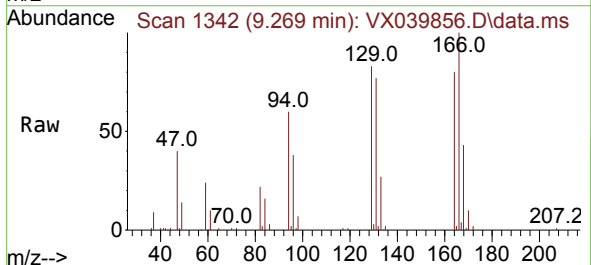
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

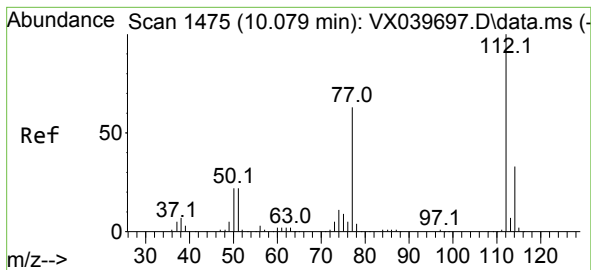
Tgt Ion:117 Resp: 128198  
Ion Ratio Lower Upper  
117 100  
82 58.7 46.2 69.4  
119 32.8 25.5 38.3



#64  
Tetrachloroethene  
Concen: 19.774 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.006 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion:164 Resp: 16485  
Ion Ratio Lower Upper  
164 100  
166 124.8 102.7 154.1  
129 103.9 80.4 120.6  
131 95.6 76.5 114.7

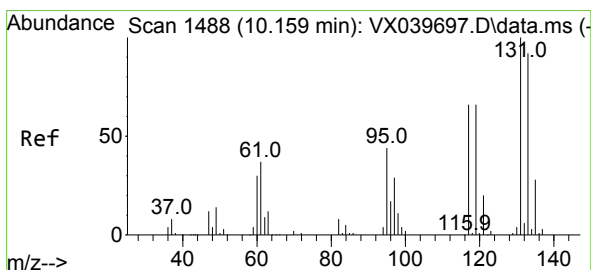
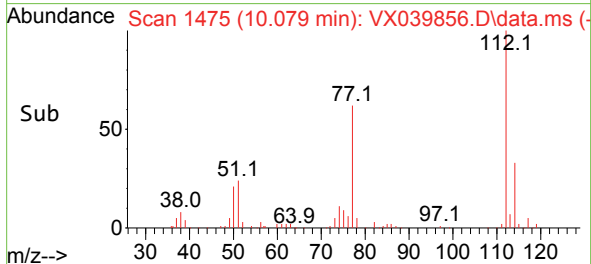
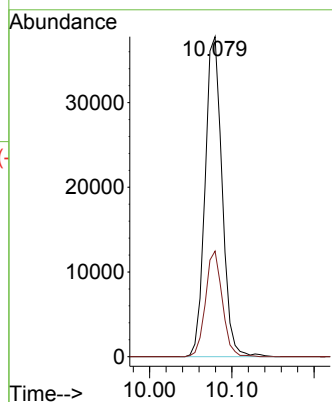
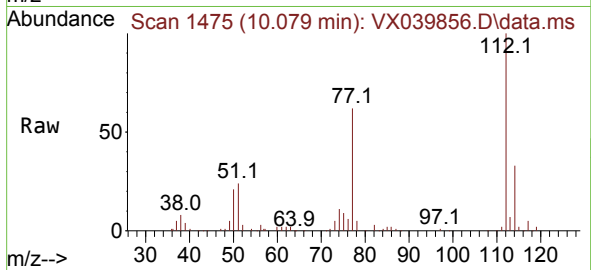




#65  
Chlorobenzene  
Concen: 20.349 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

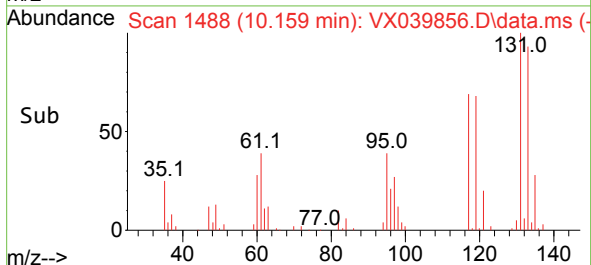
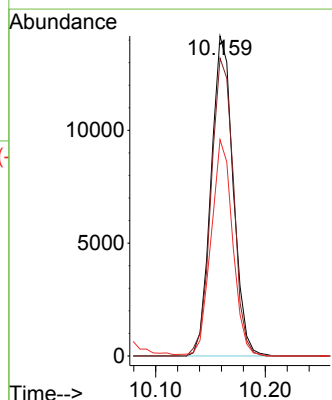
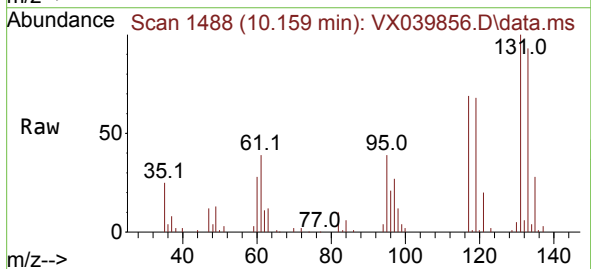
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

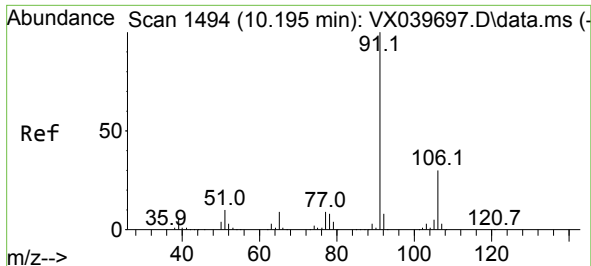
Tgt Ion:112 Resp: 54333  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.794 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion:131 Resp: 19815  
Ion Ratio Lower Upper  
131 100  
133 94.1 47.1 141.4  
119 66.4 32.2 96.6

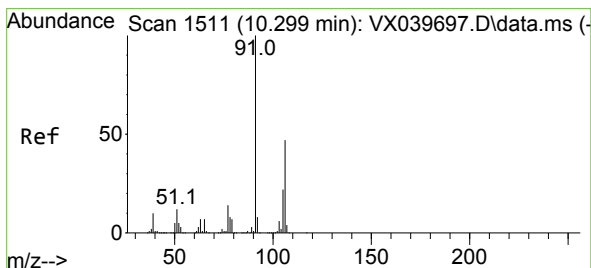
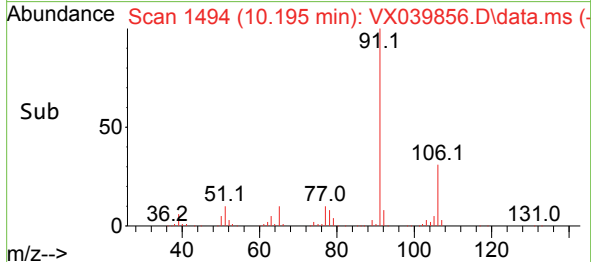
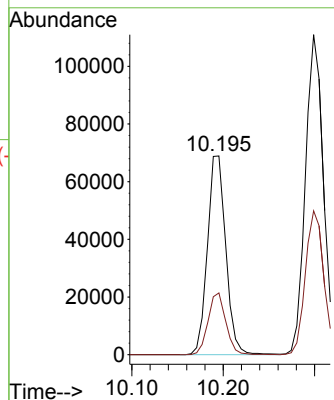
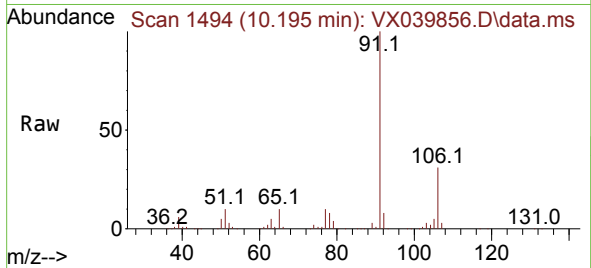




#67  
Ethyl Benzene  
Concen: 19.396 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

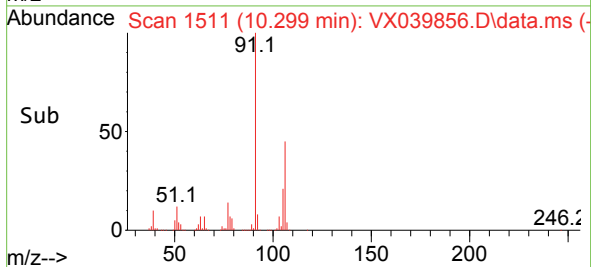
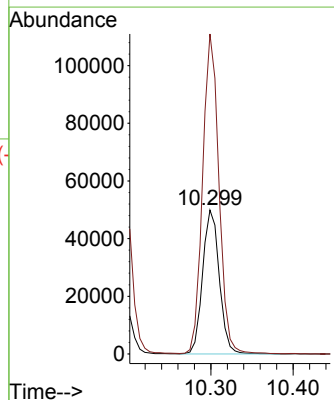
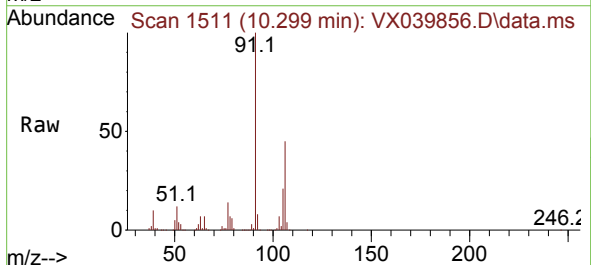
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

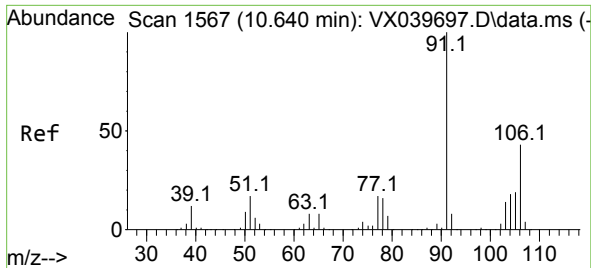
Tgt Ion: 91 Resp: 96148  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.9 37.3



#68  
m/p-Xylenes  
Concen: 38.723 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion: 106 Resp: 70595  
Ion Ratio Lower Upper  
106 100  
91 216.8 165.5 248.3

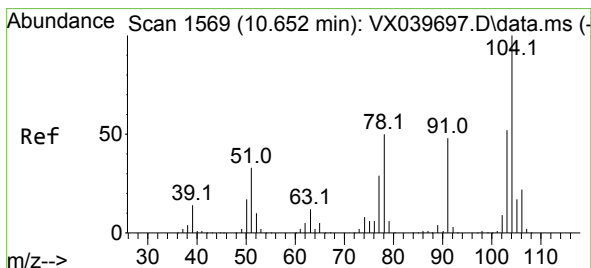
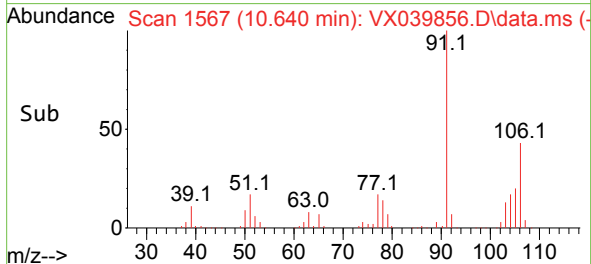
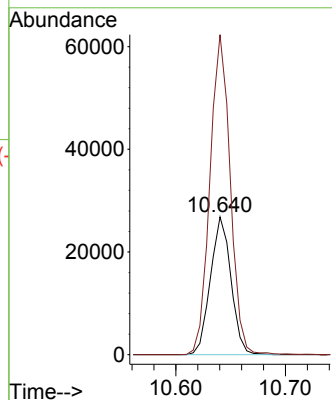
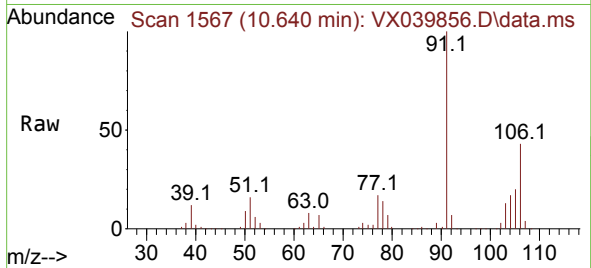




#69  
o-Xylene  
Concen: 19.374 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

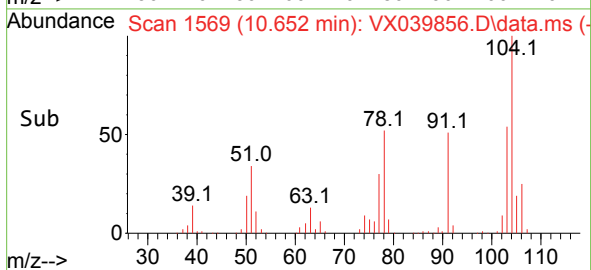
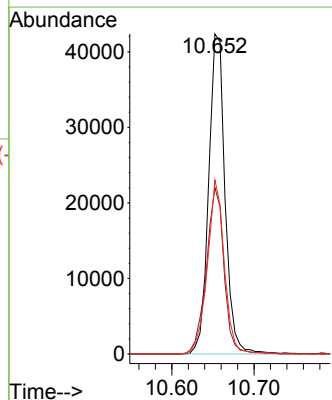
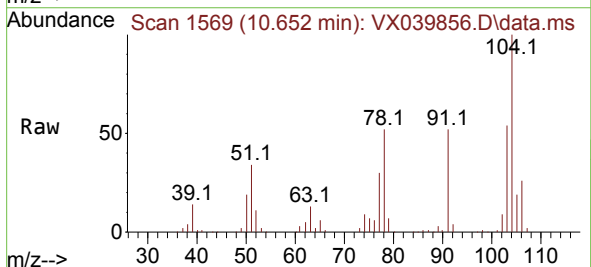
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

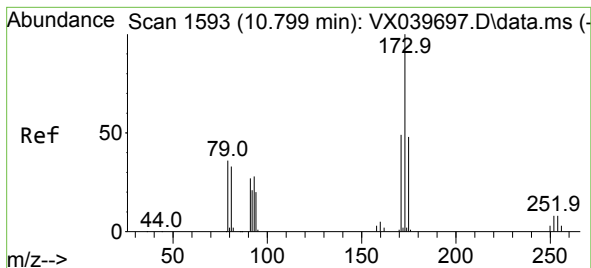
Tgt Ion:106 Resp: 34979  
Ion Ratio Lower Upper  
106 100  
91 229.5 108.9 326.8



#70  
Styrene  
Concen: 19.879 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion:104 Resp: 58628  
Ion Ratio Lower Upper  
104 100  
78 56.1 43.6 65.4  
103 56.3 43.6 65.4





#71

Bromoform

Concen: 21.392 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

VX0119WBSD02

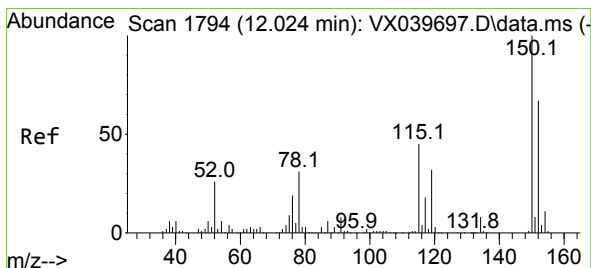
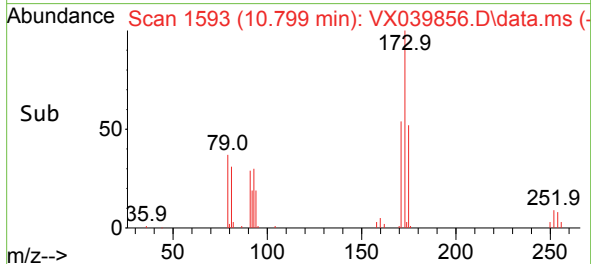
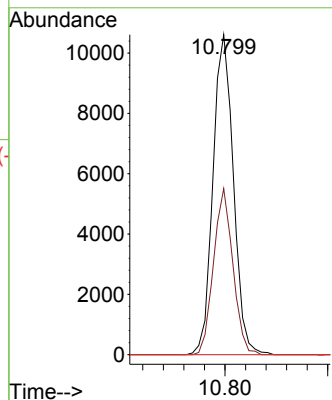
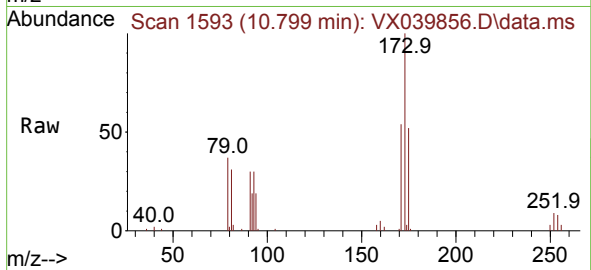
Tgt Ion:173 Resp: 14604

Ion Ratio Lower Upper

173 100

175 49.2 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: VX039856.D

Acq: 19 Jan 2024 22:24

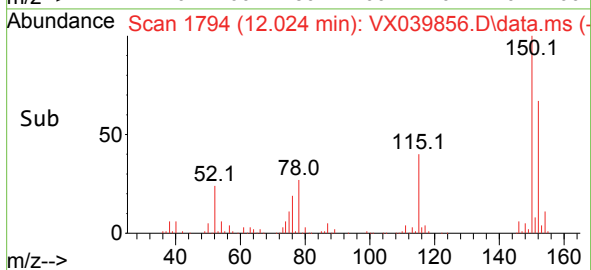
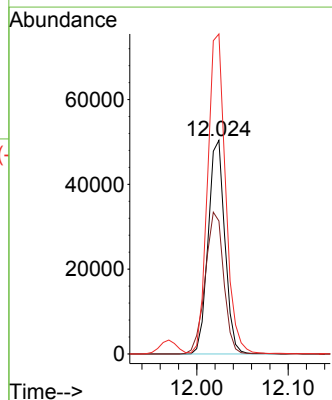
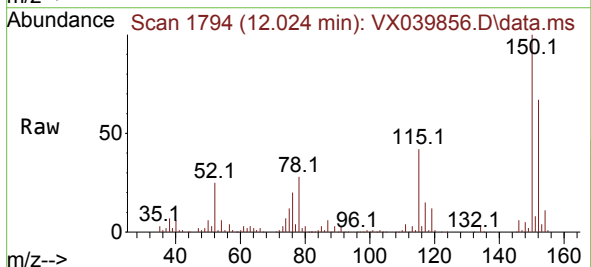
Tgt Ion:152 Resp: 63707

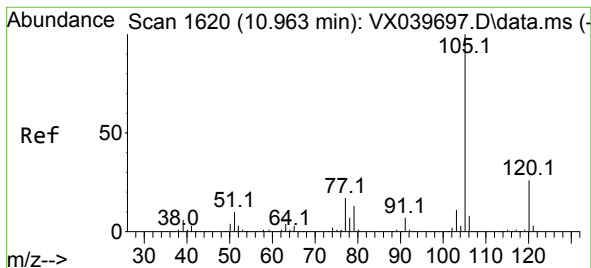
Ion Ratio Lower Upper

152 100

115 73.6 43.3 129.9

150 160.5 0.0 345.0





#73

Isopropylbenzene

Concen: 17.734 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

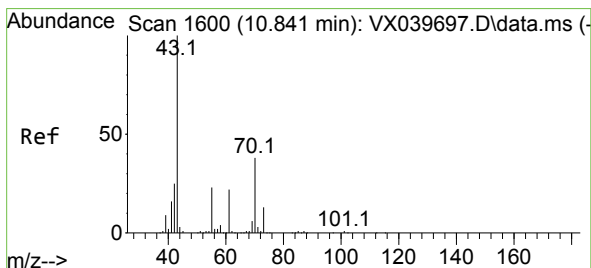
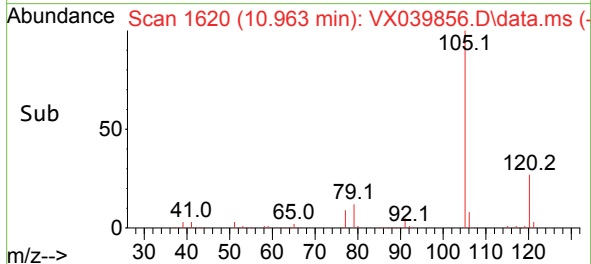
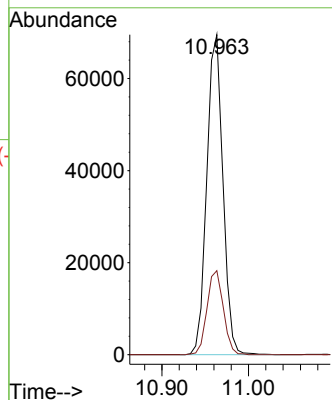
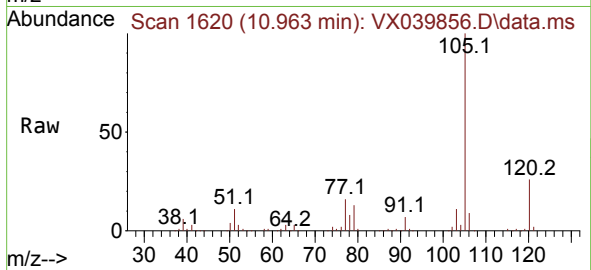
VX0119WBSD02

Tgt Ion:105 Resp: 89948

Ion Ratio Lower Upper

105 100

120 26.5 12.9 38.6



#74

N-ethyl acetate

Concen: 18.796 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Tgt Ion: 43 Resp: 49695

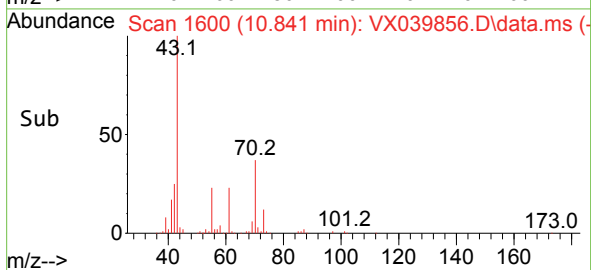
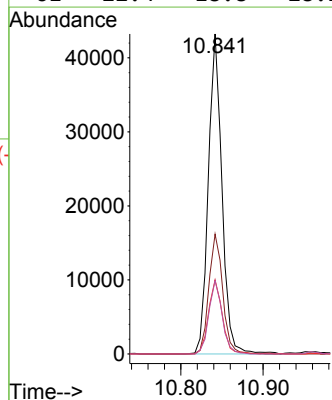
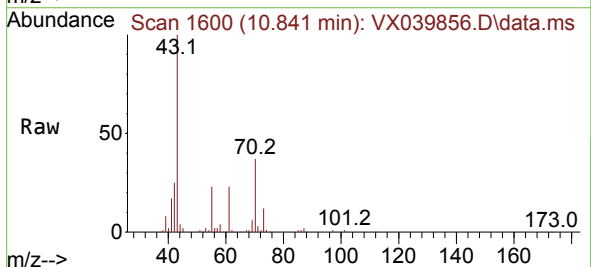
Ion Ratio Lower Upper

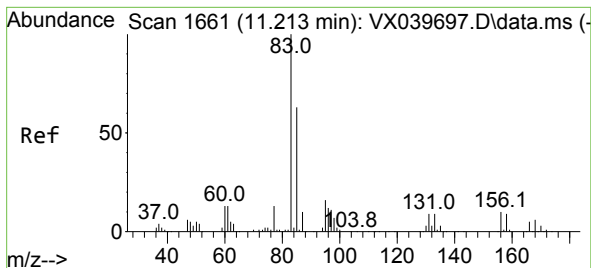
43 100

70 38.2 32.9 49.3

55 23.3 19.3 28.9

61 22.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.906 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

VX0119WBSD02

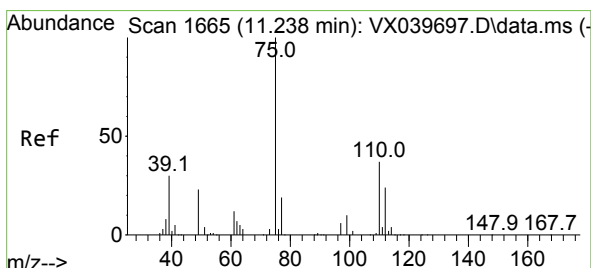
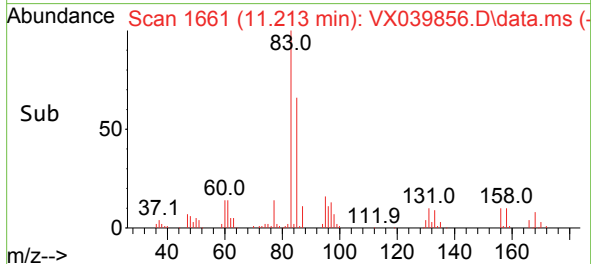
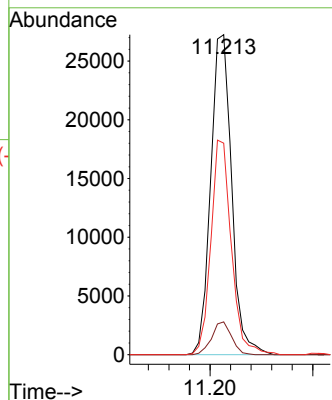
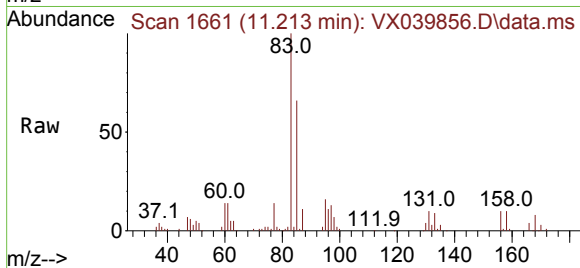
Tgt Ion: 83 Resp: 38554

Ion Ratio Lower Upper

83 100

131 9.7 5.3 15.8

85 65.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 24.268 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039856.D

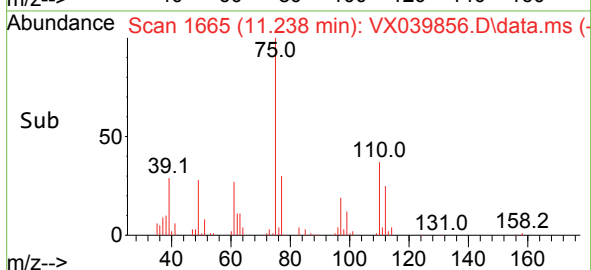
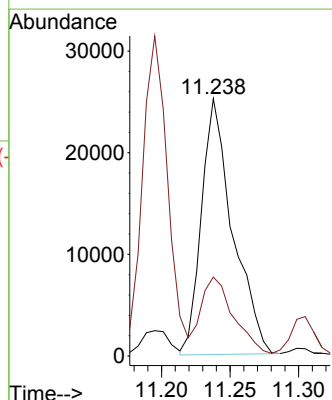
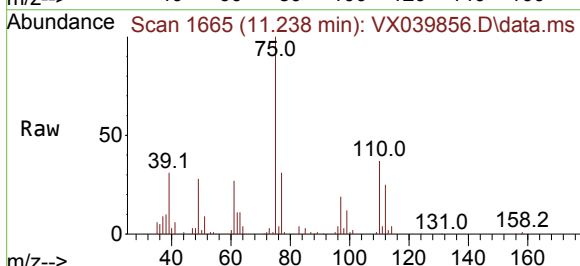
Acq: 19 Jan 2024 22:24

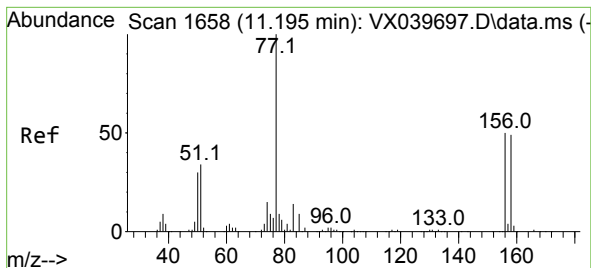
Tgt Ion: 75 Resp: 40083

Ion Ratio Lower Upper

75 100

77 32.9 19.1 57.5





#77

Bromobenzene

Concen: 19.867 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

VX0119WBSD02

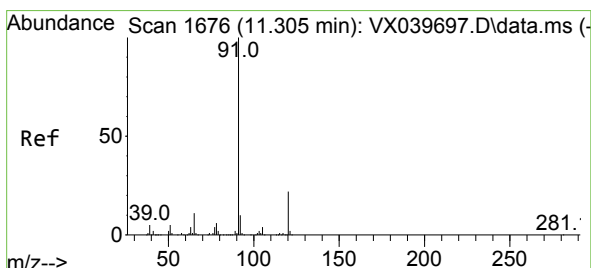
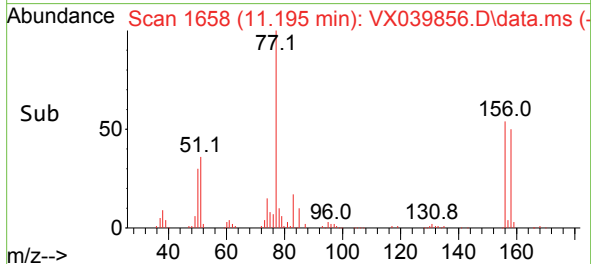
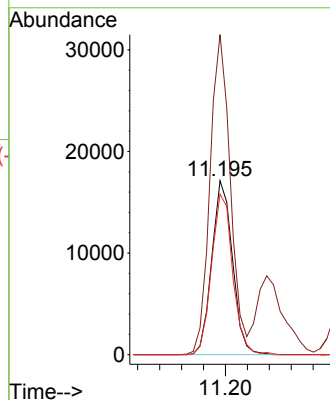
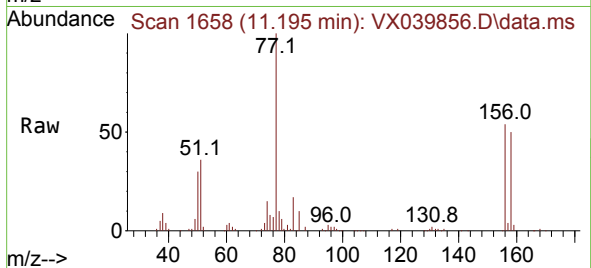
Tgt Ion:156 Resp: 22436

Ion Ratio Lower Upper

156 100

77 181.0 88.4 265.3

158 94.2 48.0 144.0



#78

n-propylbenzene

Concen: 17.625 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039856.D

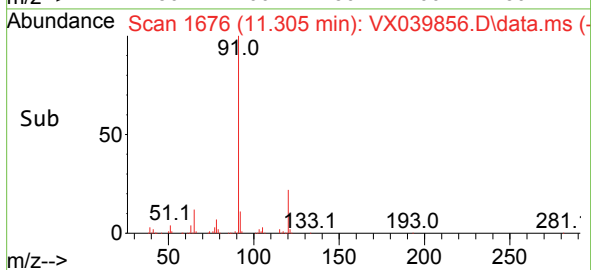
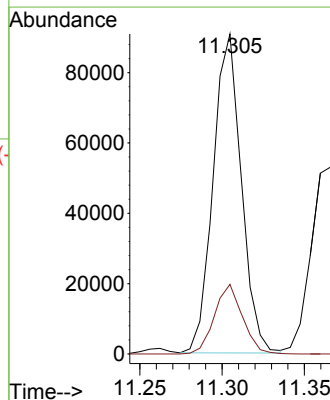
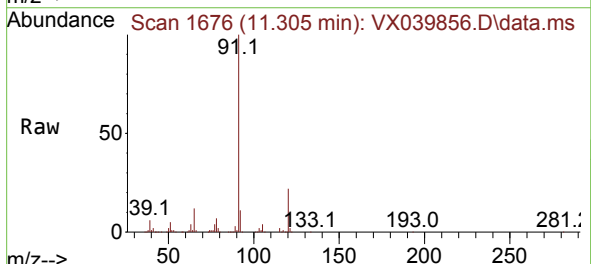
Acq: 19 Jan 2024 22:24

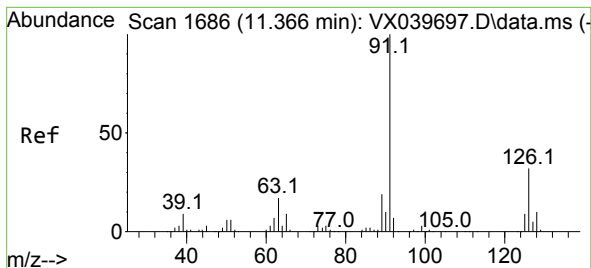
Tgt Ion: 91 Resp: 108201

Ion Ratio Lower Upper

91 100

120 21.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 17.969 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

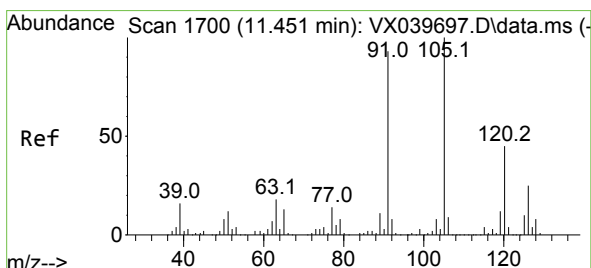
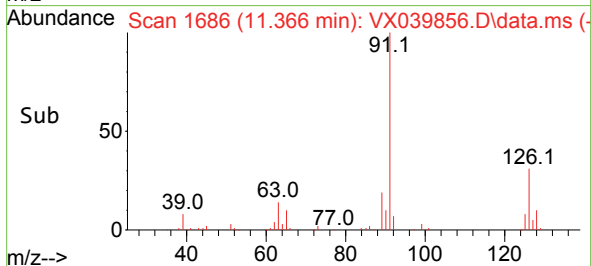
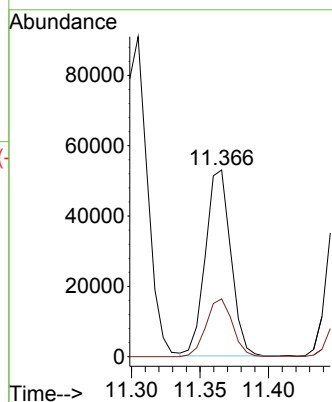
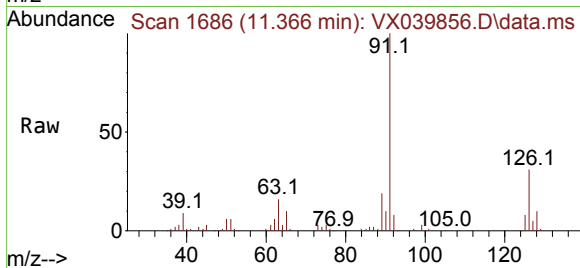
VX0119WBSD02

Tgt Ion: 91 Resp: 68180

Ion Ratio Lower Upper

91 100

126 32.2 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 18.187 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039856.D

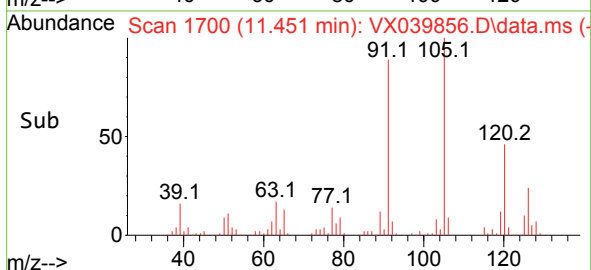
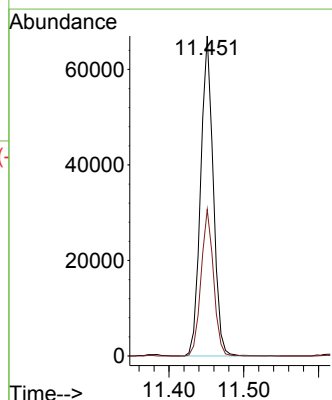
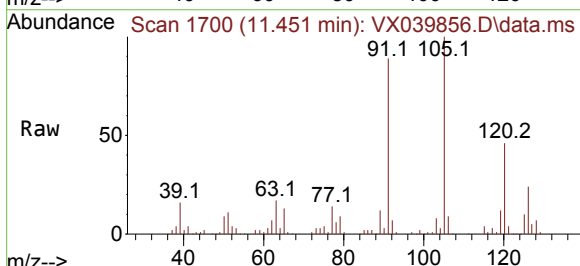
Acq: 19 Jan 2024 22:24

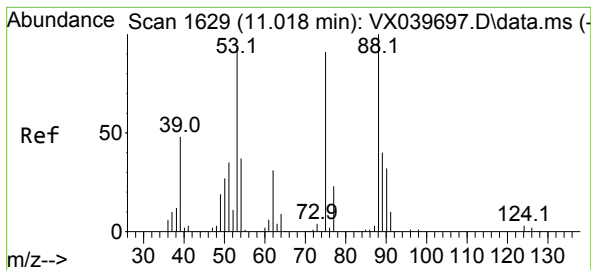
Tgt Ion: 105 Resp: 78347

Ion Ratio Lower Upper

105 100

120 45.3 24.1 72.3

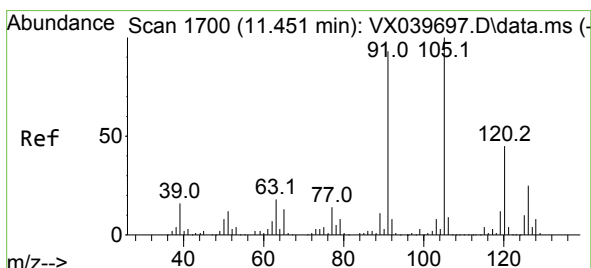
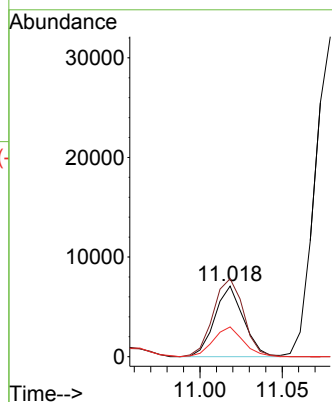
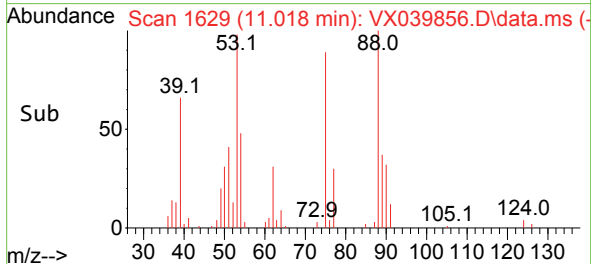
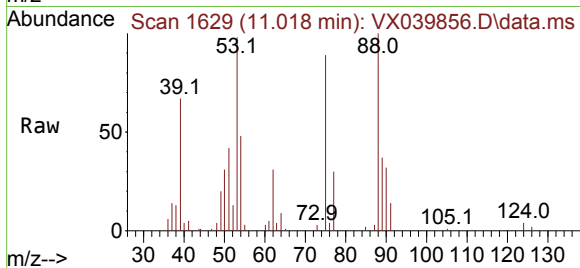




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.401 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

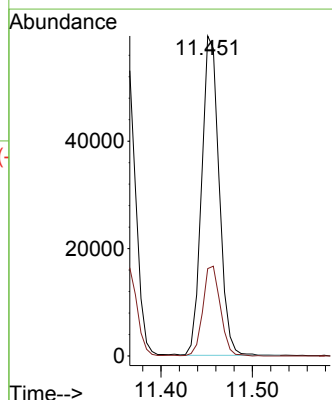
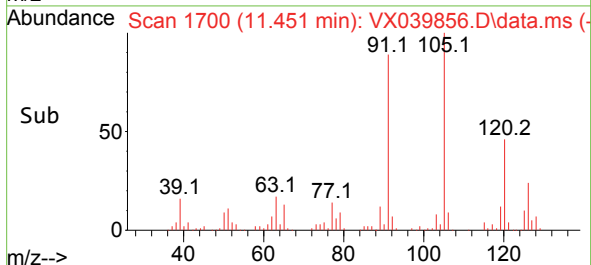
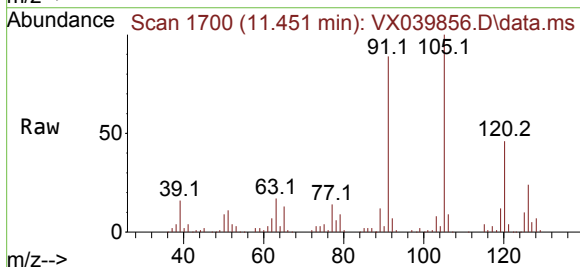
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

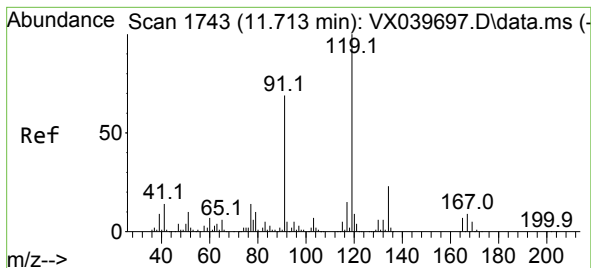
Tgt Ion: 75 Resp: 8660  
Ion Ratio Lower Upper  
75 100  
53 116.3 90.5 135.7  
89 43.6 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 18.312 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion: 91 Resp: 78809  
Ion Ratio Lower Upper  
91 100  
126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 17.754 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

VX0119WBSD02

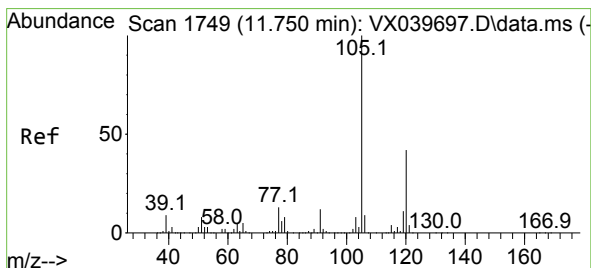
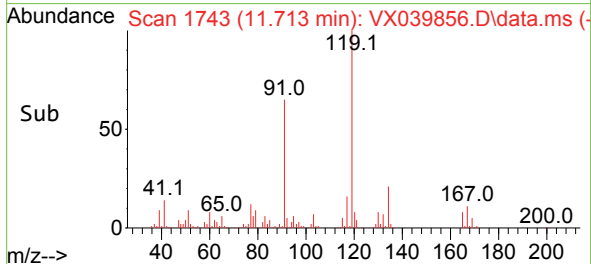
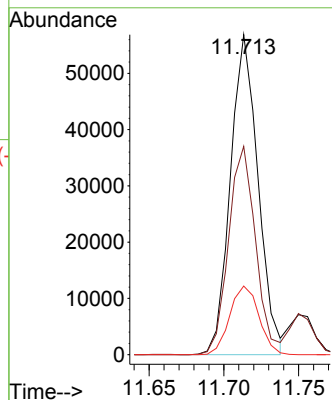
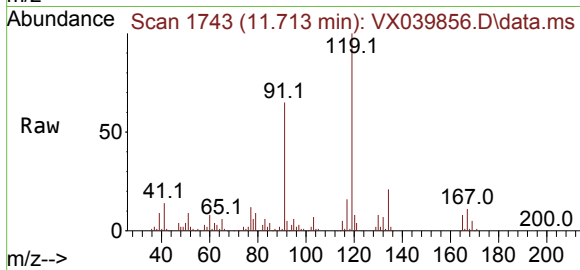
Tgt Ion:119 Resp: 73017

Ion Ratio Lower Upper

119 100

91 63.8 31.2 93.6

134 22.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 18.155 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039856.D

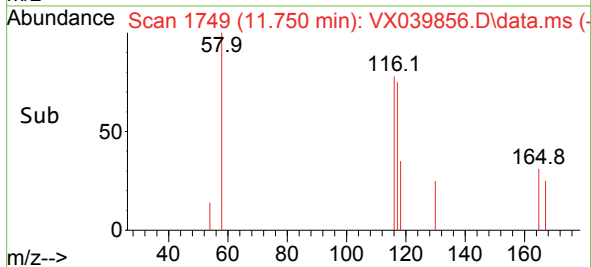
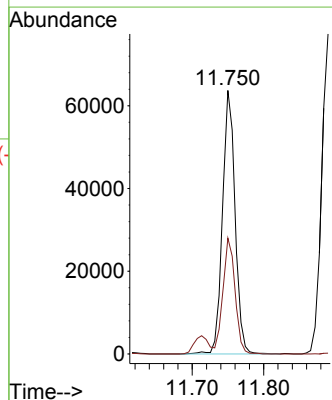
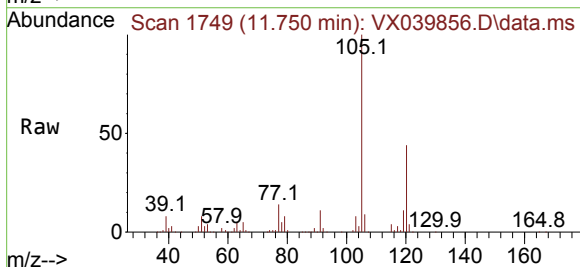
Acq: 19 Jan 2024 22:24

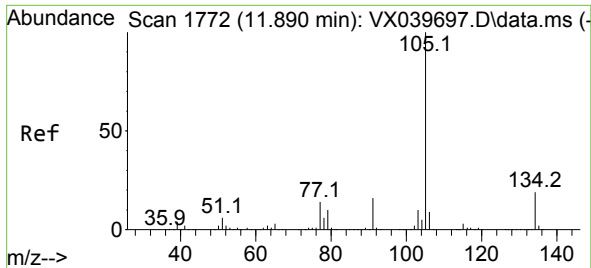
Tgt Ion:105 Resp: 78026

Ion Ratio Lower Upper

105 100

120 42.1 21.2 63.6

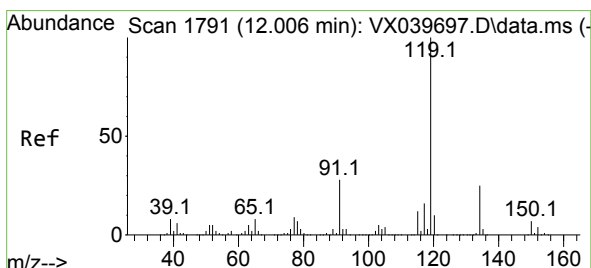
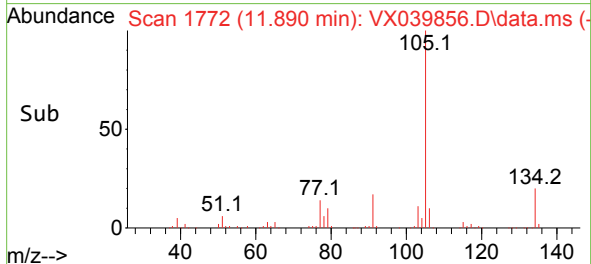
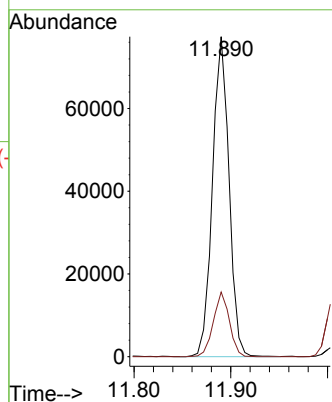
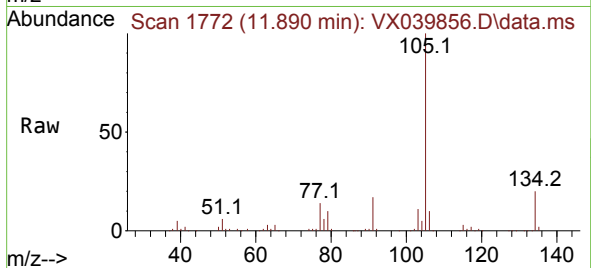




#85  
sec-Butylbenzene  
Concen: 17.199 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

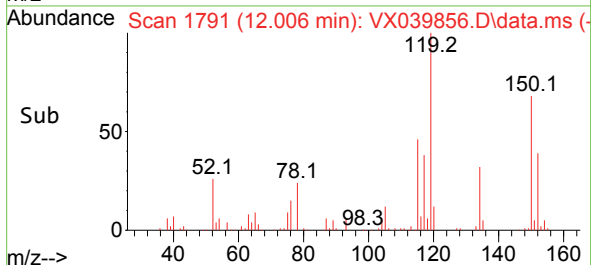
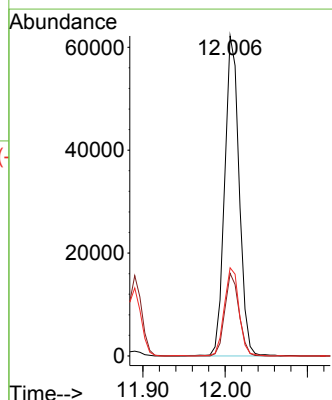
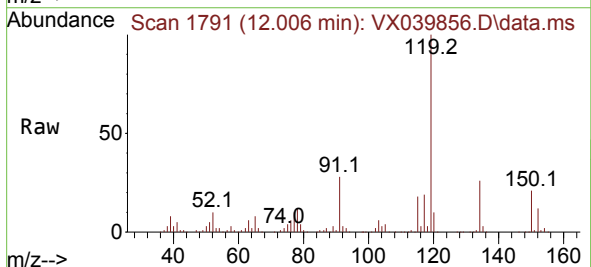
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119WBSD02

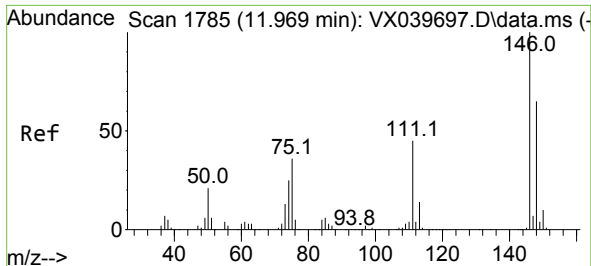
Tgt Ion:105 Resp: 91821  
Ion Ratio Lower Upper  
105 100  
134 19.6 9.8 29.4



#86  
p-Isopropyltoluene  
Concen: 17.888 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX039856.D  
Acq: 19 Jan 2024 22:24

Tgt Ion:119 Resp: 76327  
Ion Ratio Lower Upper  
119 100  
134 25.3 12.8 38.3  
91 28.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.445 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039856.D

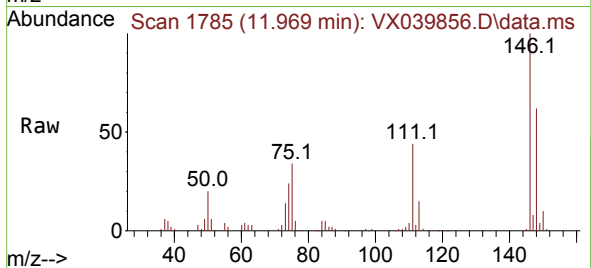
Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

VX0119WBSD02



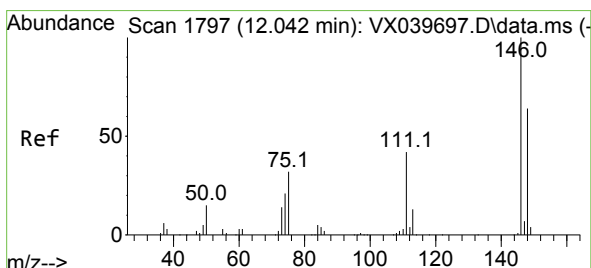
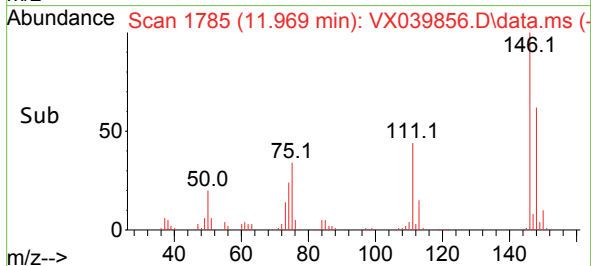
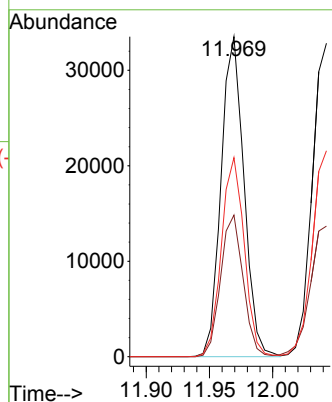
Tgt Ion:146 Resp: 42094

Ion Ratio Lower Upper

146 100

111 43.6 22.1 66.1

148 62.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.163 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

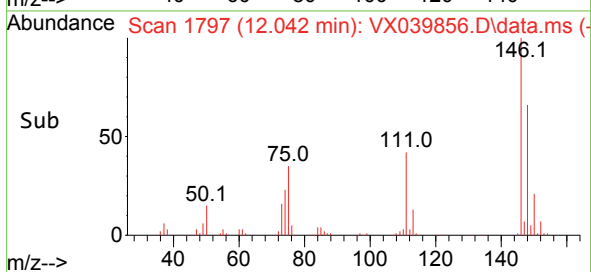
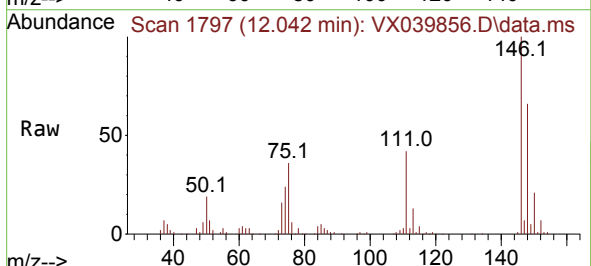
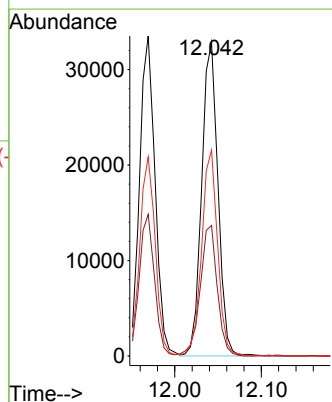
Tgt Ion:146 Resp: 42846

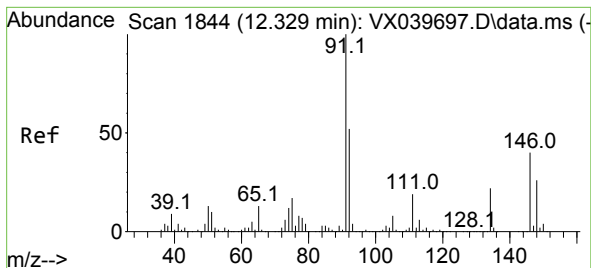
Ion Ratio Lower Upper

146 100

111 43.7 21.3 63.7

148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 16.739 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

VX0119WBSD02

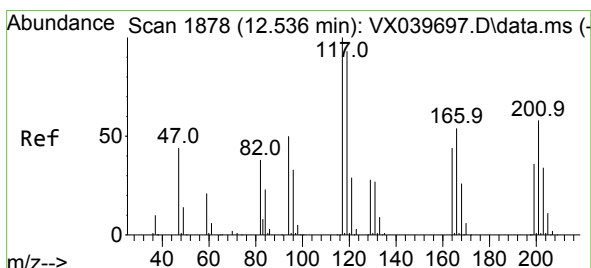
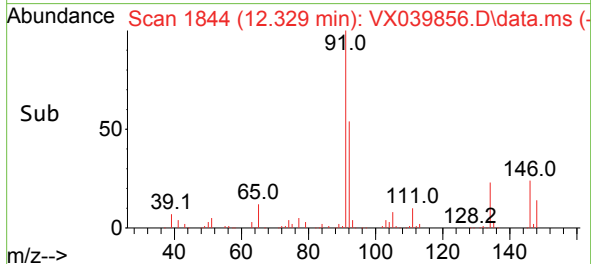
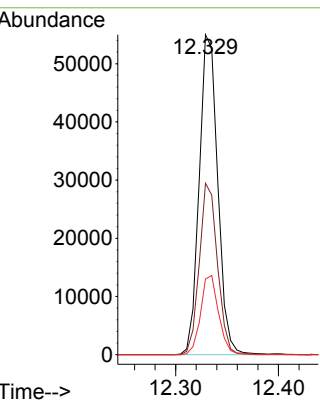
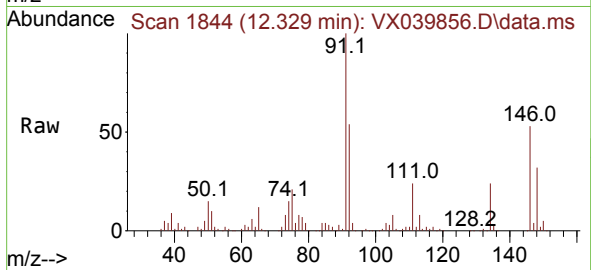
Tgt Ion: 91 Resp: 68985

Ion Ratio Lower Upper

91 100

92 52.6 27.4 82.0

134 24.0 12.6 37.8



#90

Hexachloroethane

Concen: 16.623 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039856.D

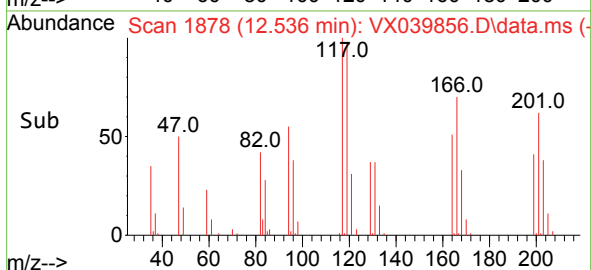
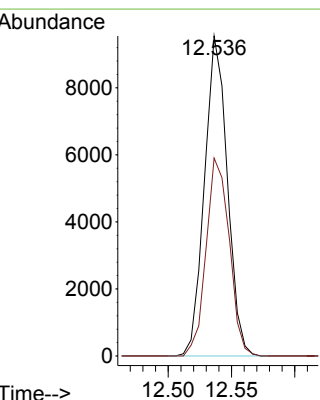
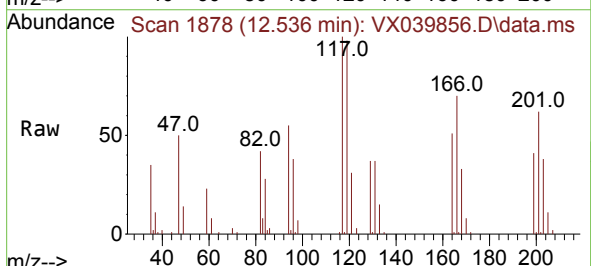
Acq: 19 Jan 2024 22:24

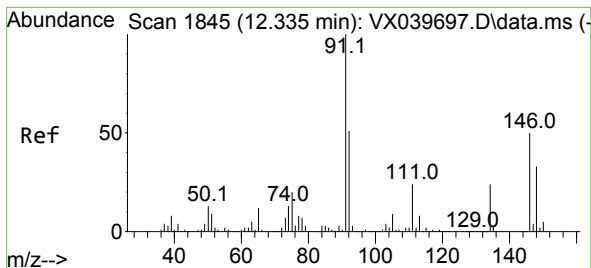
Tgt Ion: 117 Resp: 11966

Ion Ratio Lower Upper

117 100

201 62.7 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 19.400 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

VX0119WBSD02

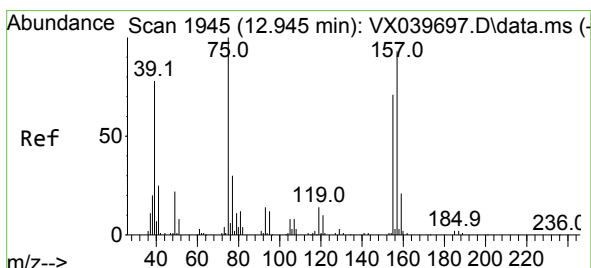
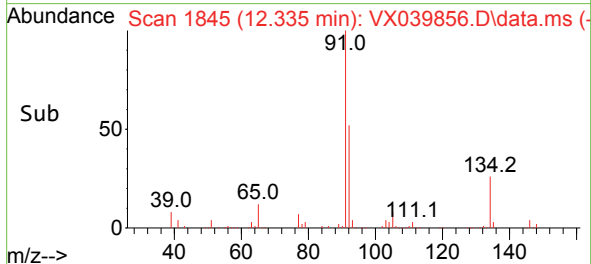
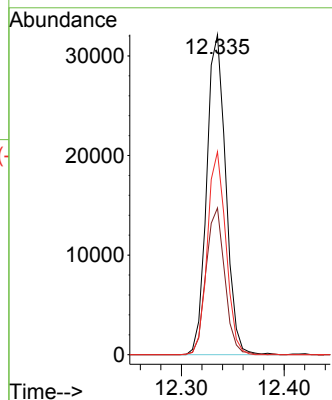
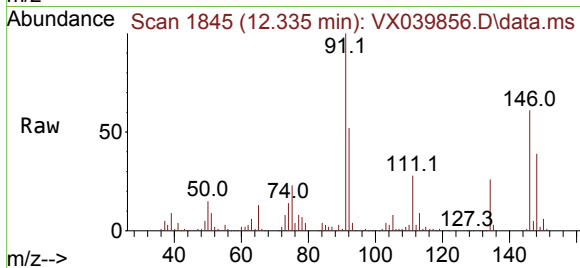
Tgt Ion:146 Resp: 41519

Ion Ratio Lower Upper

146 100

111 45.2 22.4 67.0

148 61.4 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.656 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

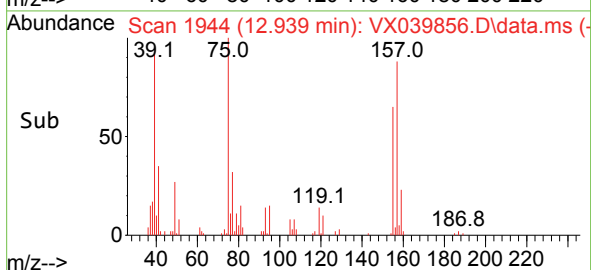
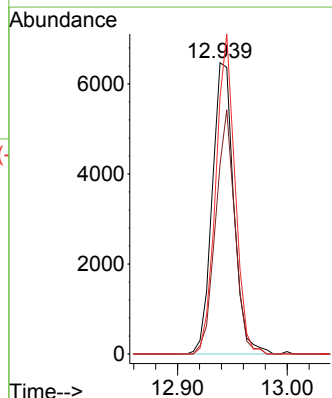
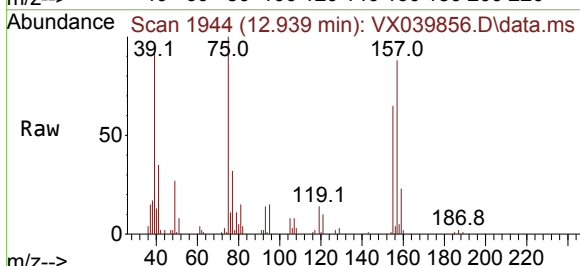
Tgt Ion: 75 Resp: 8854

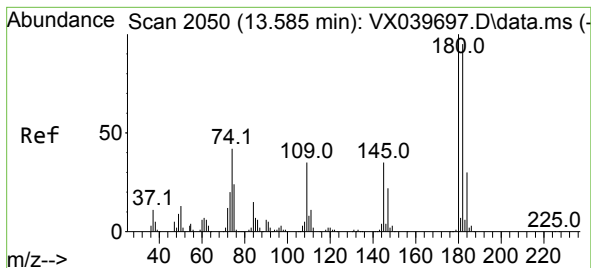
Ion Ratio Lower Upper

75 100

155 74.7 36.1 108.5

157 97.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.239 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

VX0119WBSD02

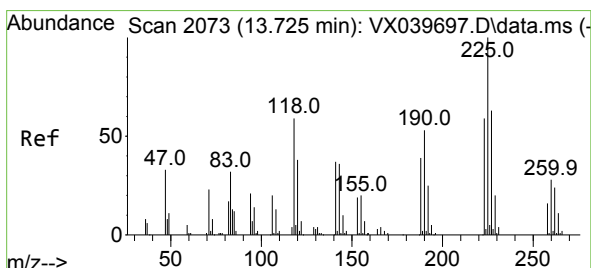
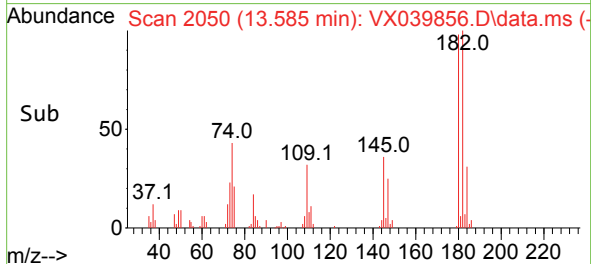
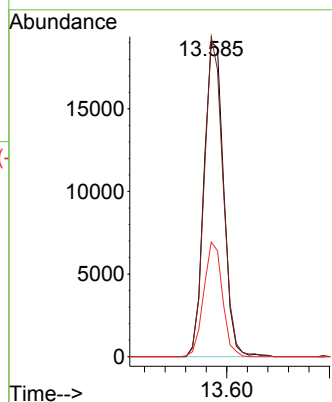
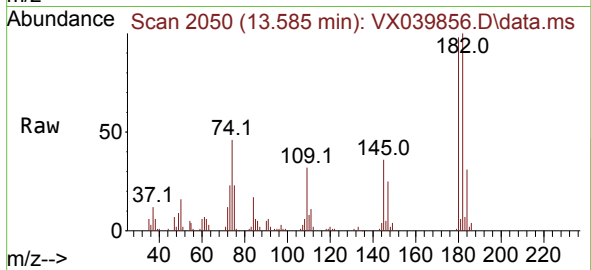
Tgt Ion:180 Resp: 25162

Ion Ratio Lower Upper

180 100

182 97.4 48.3 144.8

145 34.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 17.279 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

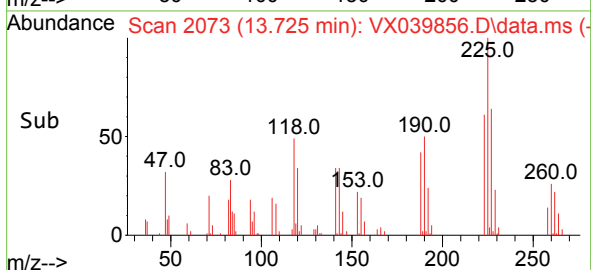
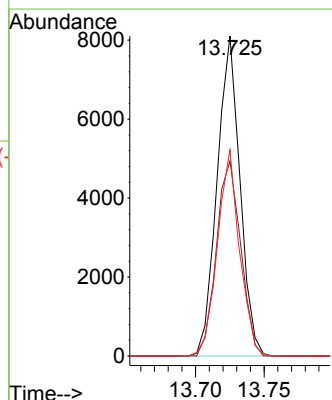
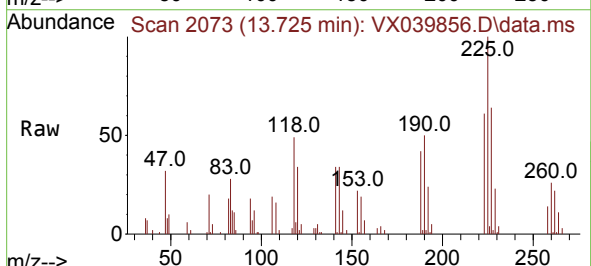
Tgt Ion:225 Resp: 9394

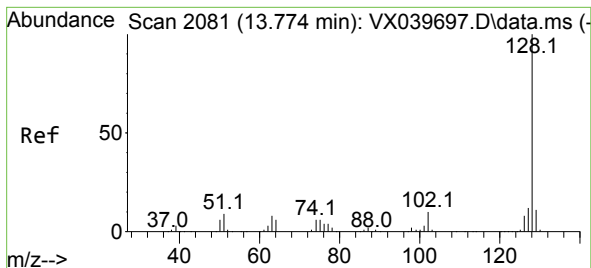
Ion Ratio Lower Upper

225 100

223 64.6 31.1 93.2

227 62.3 32.5 97.5





#95

Naphthalene

Concen: 19.305 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Instrument :

MSVOA\_X

ClientSampleId :

VX0119WBSD02

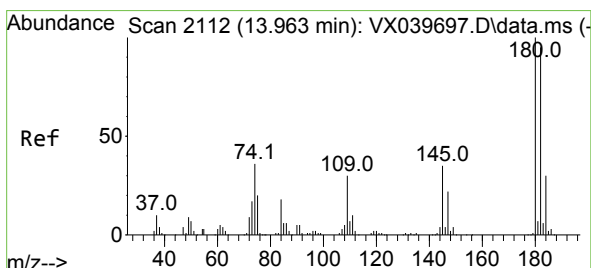
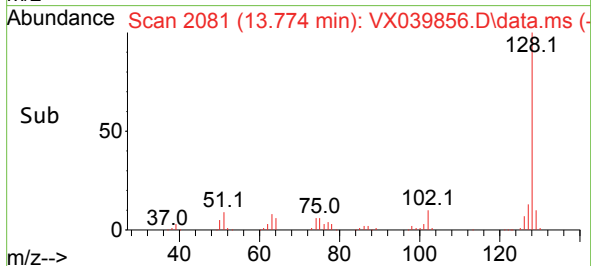
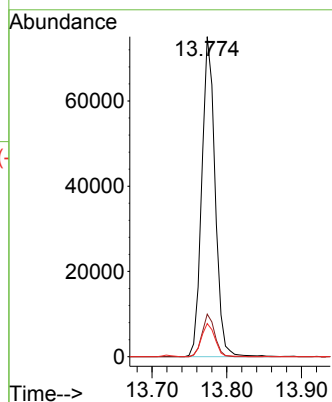
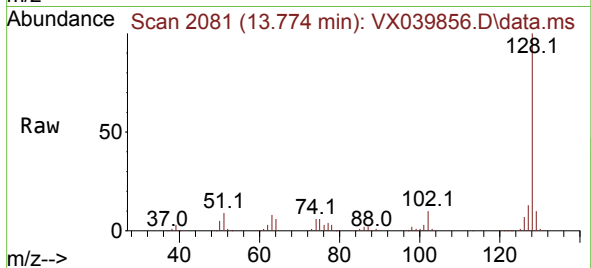
Tgt Ion:128 Resp: 92948

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.185 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX039856.D

Acq: 19 Jan 2024 22:24

Tgt Ion:180 Resp: 25324

Ion Ratio Lower Upper

180 100

182 95.3 46.9 140.6

145 35.2 17.8 53.5

