

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050123\  
 Data File : VX035434.D  
 Acq On : 01 May 2023 12:46  
 Operator : JC/MD  
 Sample : VX0501MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 01 23:57:13 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 16:31:40 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 253928   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 403076   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 361363   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 179250   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 150968   | 49.280   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 98.560%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 126290   | 51.048   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 102.100% |
| 50) Toluene-d8               | 8.647  | 98    | 459242   | 49.208   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 98.420%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 176553   | 50.289   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 100.580% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.167  | 85    | 49533    | 18.435   | ug/l   | 99       |
| 3) Chloromethane             | 1.295  | 50    | 40839    | 16.708   | ug/l   | 93       |
| 4) Vinyl Chloride            | 1.374  | 62    | 41798    | 17.050   | ug/l   | 94       |
| 5) Bromomethane              | 1.618  | 94    | 26760    | 16.423   | ug/l   | 97       |
| 6) Chloroethane              | 1.691  | 64    | 24392    | 17.012   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.892  | 101   | 70533    | 18.398   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.136  | 74    | 25330    | 18.122   | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 46594    | 18.197   | ug/l   | 95       |
| 10) Methyl Iodide            | 2.453  | 142   | 48078    | 14.878   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 2.983  | 59    | 53352    | 95.647   | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 44604    | 18.086   | ug/l   | 99       |
| 13) Acrolein                 | 2.239  | 56    | 51621    | 94.103   | ug/l   | 100      |
| 14) Allyl chloride           | 2.666  | 41    | 78096    | 17.994   | ug/l   | 98       |
| 15) Acrylonitrile            | 3.063  | 53    | 133546   | 95.724   | ug/l   | 99       |
| 16) Acetone                  | 2.386  | 43    | 133196   | 100.108  | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.514  | 76    | 101607   | 17.186   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.703  | 43    | 101772   | 19.780   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 167467   | 19.793   | ug/l   | 97       |
| 20) Methylene Chloride       | 2.788  | 84    | 53183    | 17.432   | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 49514    | 18.485   | ug/l   | 94       |
| 22) Diisopropyl ether        | 3.757  | 45    | 162783   | 18.953   | ug/l   | 97       |
| 23) Vinyl Acetate            | 3.721  | 43    | 574255   | 97.273   | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 91253    | 18.863   | ug/l   | 100      |
| 25) 2-Butanone               | 4.556  | 43    | 187344   | 96.468   | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 73934    | 19.507   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 58377    | 18.541   | ug/l   | 94       |
| 28) Bromochloromethane       | 4.898  | 49    | 41701    | 20.227   | ug/l # | 83       |
| 29) Tetrahydrofuran          | 5.007  | 42    | 115554   | 92.819   | ug/l   | 93       |
| 30) Chloroform               | 5.093  | 83    | 95305    | 19.515   | ug/l   | 96       |
| 31) Cyclohexane              | 5.471  | 56    | 76988    | 17.716   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 82064    | 19.174   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 68104    | 17.630   | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.715  | 43    | 69202    | 19.614   | ug/l   | 95       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 70194    | 19.141   | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.379  | 83    | 81606    | 17.355   | ug/l   | 97       |
| 40) Benzene                  | 6.038  | 78    | 206577   | 18.642   | ug/l   | 99       |

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 Sample : VX0501MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 01 23:57:13 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 16:31:40 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 40142    | 19.856  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 75269    | 19.050  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 114833   | 19.370  | ug/l   | 95       |
| 44) Trichloroethene           | 7.123  | 130  | 57052    | 18.689  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 53503    | 19.151  | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 36341    | 18.942  | ug/l   | 90       |
| 47) Bromodichloromethane      | 7.824  | 83   | 68637    | 19.417  | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.690  | 41   | 58043    | 19.959  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 7.696  | 88   | 27410    | 386.682 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 357025   | 98.024  | ug/l   | 95       |
| 52) Toluene                   | 8.720  | 92   | 132564   | 18.872  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 74245    | 20.112  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 83921    | 20.113  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 55104    | 19.679  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 84313    | 20.212  | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 92834    | 19.383  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 182810   | 87.647  | ug/l   | 93       |
| 59) 2-Hexanone                | 9.427  | 43   | 276383   | 101.009 | ug/l   | 95       |
| 60) Dibromochloromethane      | 9.519  | 129  | 54914    | 20.468  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 57809    | 20.026  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 50537    | 18.265  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.080 | 112  | 146105   | 18.688  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 53521    | 19.670  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 255107   | 18.842  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 196454   | 37.867  | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 97015    | 19.070  | ug/l   | 99       |
| 70) Styrene                   | 10.653 | 104  | 161317   | 19.557  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 38062    | 20.111  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.964 | 105  | 253501   | 19.347  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 97833    | 19.868  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 81710    | 20.091  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 84010    | 23.495  | ug/l   | 85       |
| 77) Bromobenzene              | 11.195 | 156  | 63261    | 19.423  | ug/l   | 91       |
| 78) n-propylbenzene           | 11.305 | 91   | 287823   | 19.126  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 178279   | 18.959  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 215084   | 19.468  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 21408    | 19.391  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 203111   | 19.231  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 210993   | 19.033  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 217089   | 19.556  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 254427   | 18.711  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 222603   | 19.248  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 119326   | 19.278  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 119241   | 18.373  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 174346   | 17.858  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 33006    | 18.644  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 117966   | 19.055  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 16897    | 20.720  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 74197    | 19.067  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 31006    | 18.155  | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 252308   | 21.061  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 74180    | 18.936  | ug/l   | 99       |

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Sample : VX0501MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

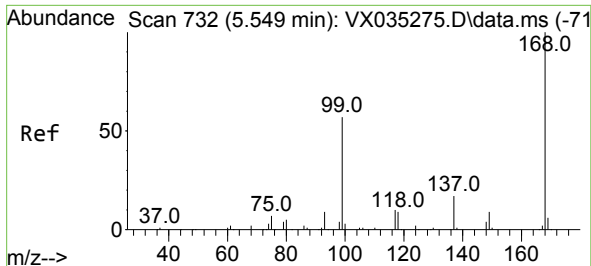
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 25 16:31:40 2023  
Response via : Initial Calibration

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

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

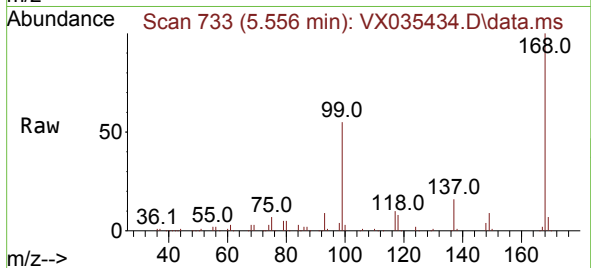
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 25 16:31:40 2023  
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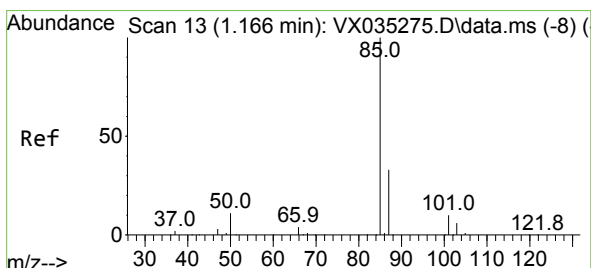
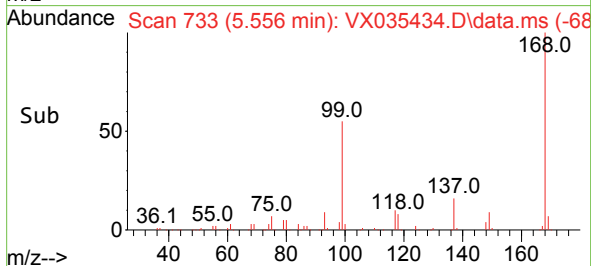
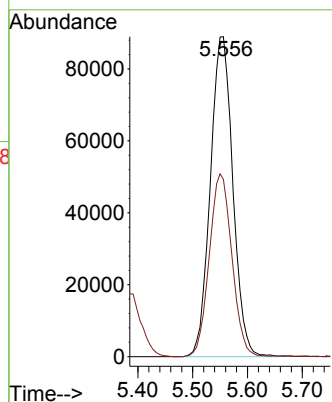


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Instrument :  
MSVOA\_X  
ClientSampleId :

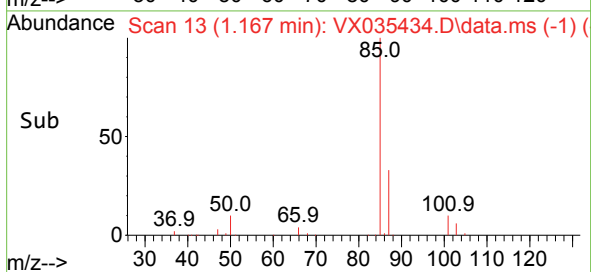
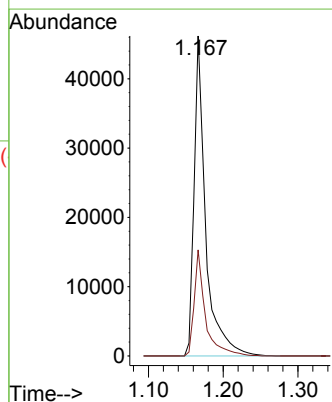
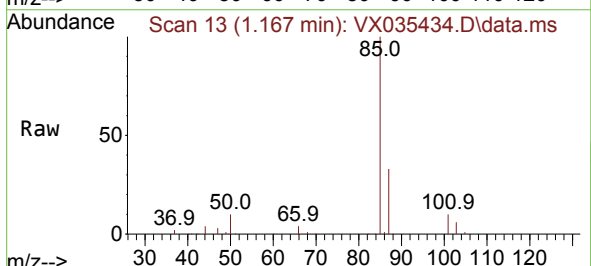


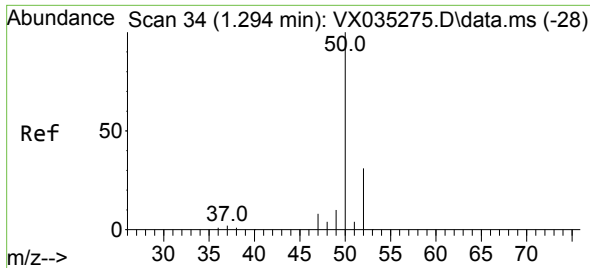
Tgt Ion:168 Resp: 253928  
Ion Ratio Lower Upper  
168 100  
99 55.5 45.7 68.5



#2  
Dichlorodifluoromethane  
Concen: 18.435 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion: 85 Resp: 49533  
Ion Ratio Lower Upper  
85 100  
87 33.2 16.4 49.1

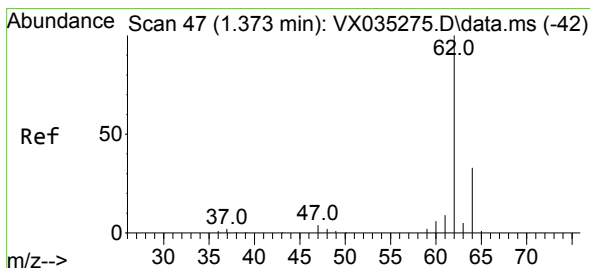
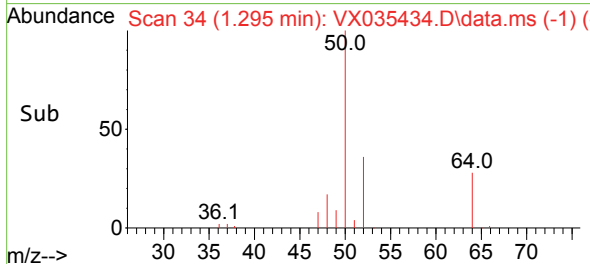
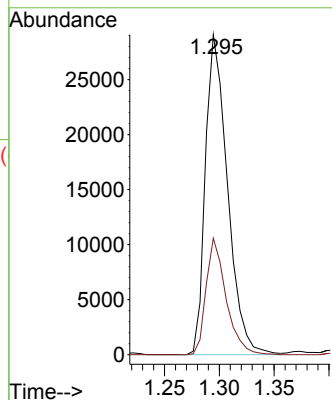
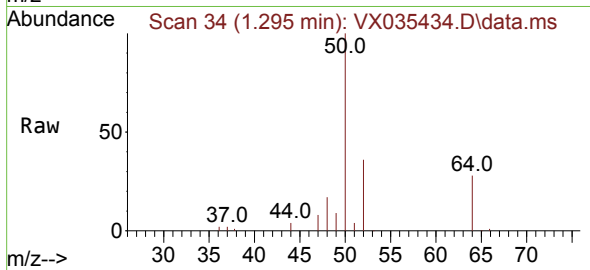




#3  
Chloromethane  
Concen: 16.708 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

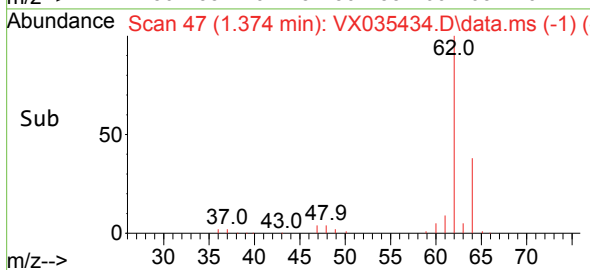
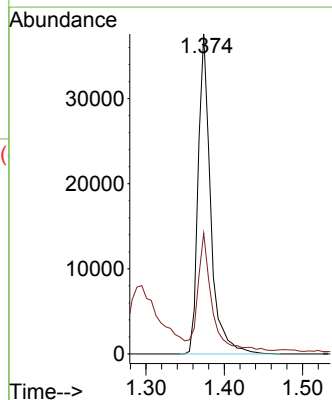
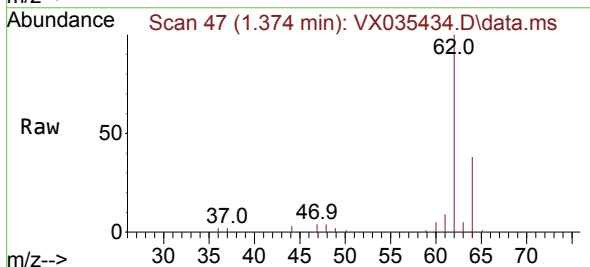
Instrument :  
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ClientSampleId :

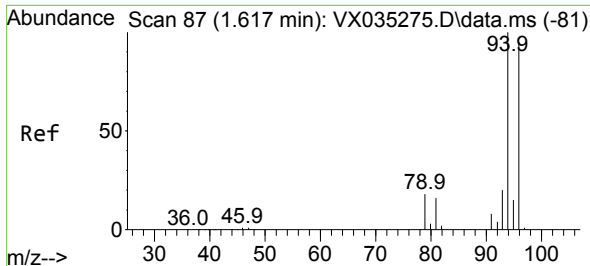
Tgt Ion: 50 Resp: 40839  
Ion Ratio Lower Upper  
50 100  
52 36.4 25.9 38.9



#4  
Vinyl Chloride  
Concen: 17.050 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion: 62 Resp: 41798  
Ion Ratio Lower Upper  
62 100  
64 36.4 26.4 39.6

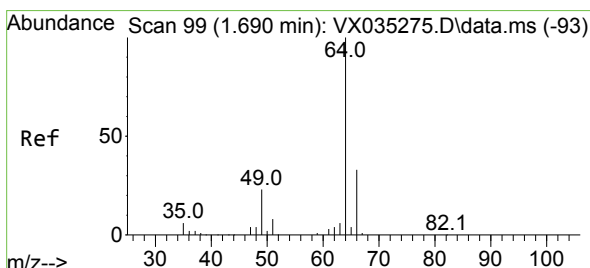
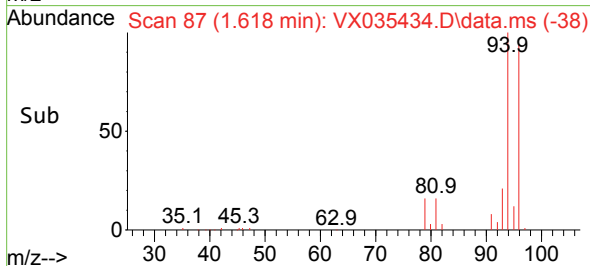
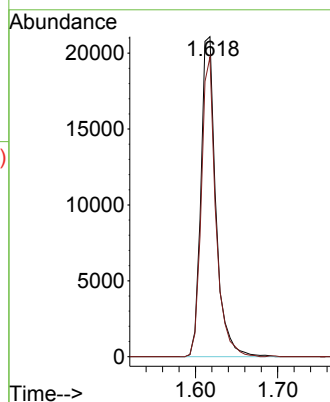
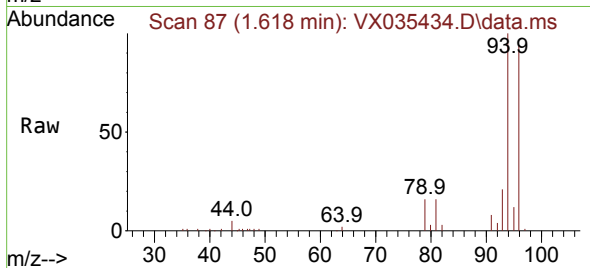




#5  
Bromomethane  
Concen: 16.423 ug/l  
RT: 1.618 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

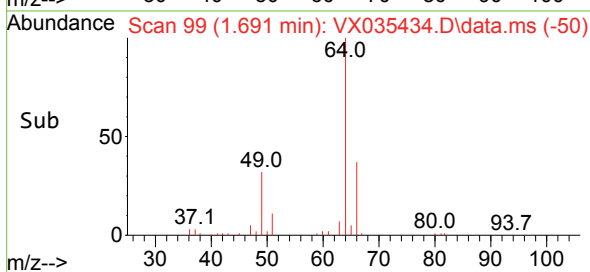
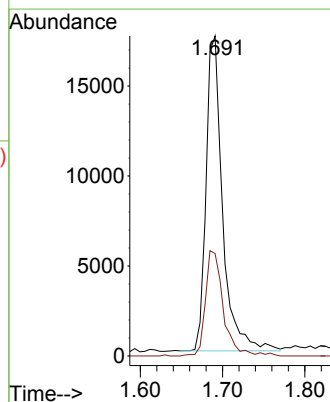
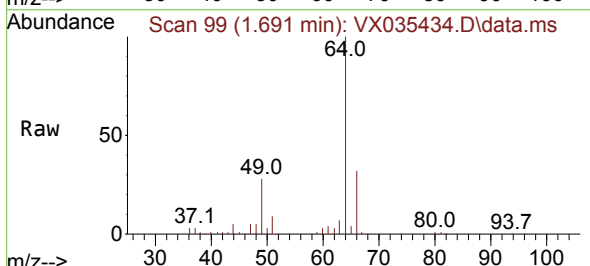
Instrument :  
MSVOA\_X  
ClientSampleId :

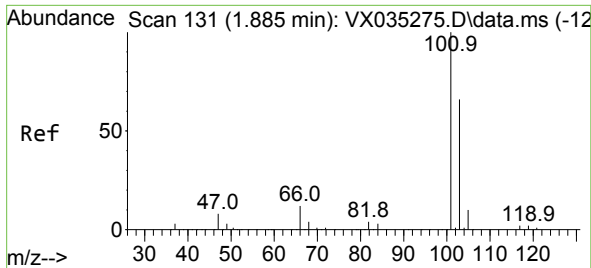
Tgt Ion: 94 Resp: 26760  
Ion Ratio Lower Upper  
94 100  
96 93.6 77.0 115.6



#6  
Chloroethane  
Concen: 17.012 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion: 64 Resp: 24392  
Ion Ratio Lower Upper  
64 100  
66 32.5 26.2 39.4

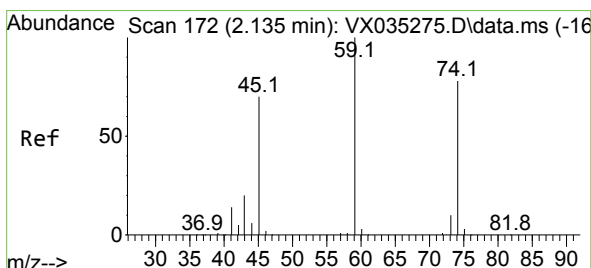
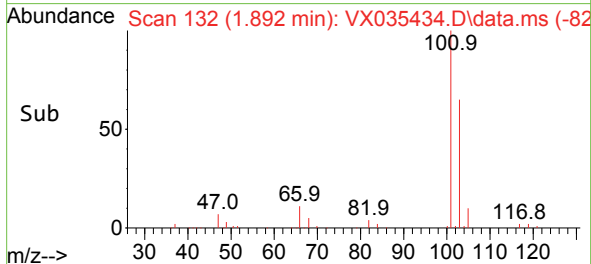
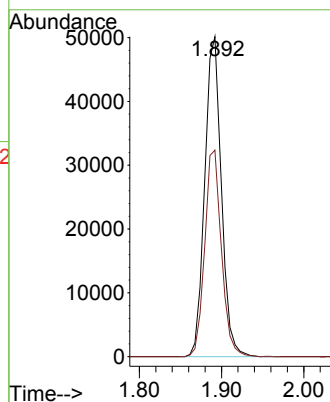
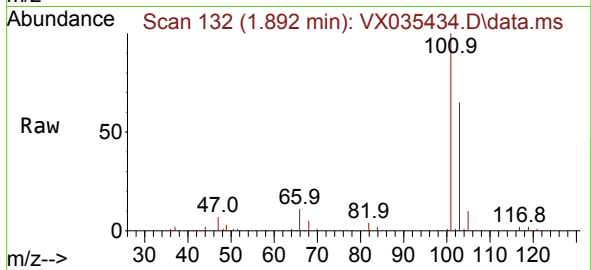




#7  
 Trichlorofluoromethane  
 Concen: 18.398 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. 0.007 min  
 Lab File: VX035434.D  
 Acq: 01 May 2023 12:46

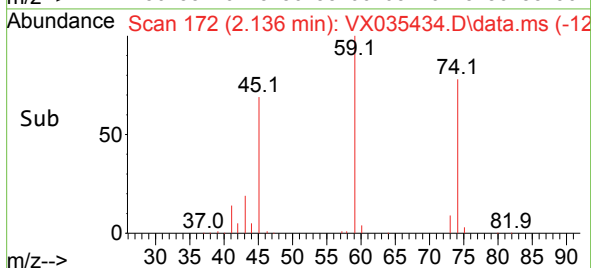
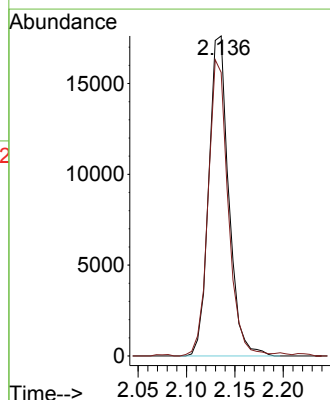
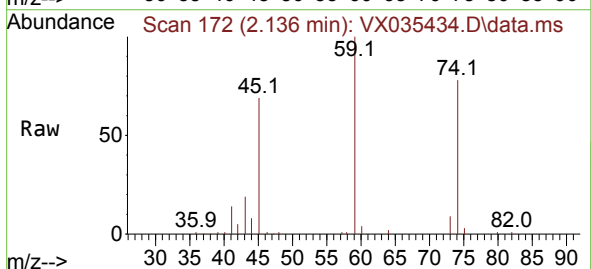
Instrument :  
 MSVOA\_X  
 ClientSampleId :

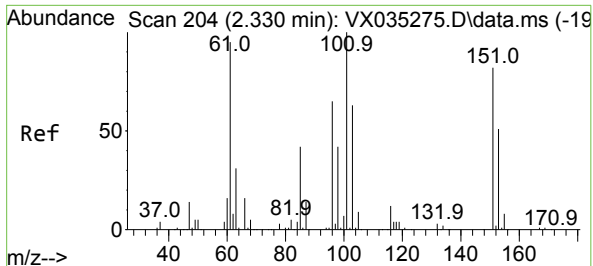
Tgt Ion:101 Resp: 70533  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 52.0 78.0



#8  
 Diethyl Ether  
 Concen: 18.122 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.001 min  
 Lab File: VX035434.D  
 Acq: 01 May 2023 12:46

Tgt Ion: 74 Resp: 25330  
 Ion Ratio Lower Upper  
 74 100  
 45 93.6 49.8 149.3

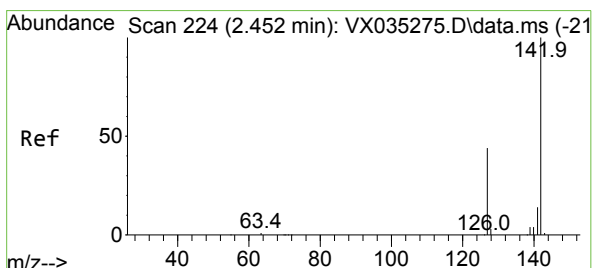
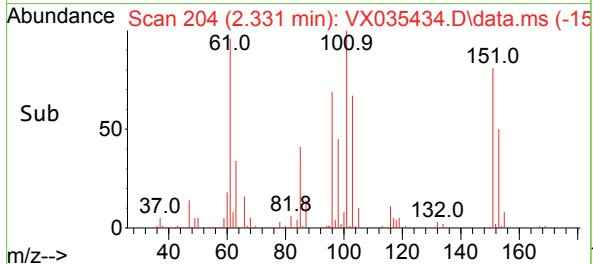
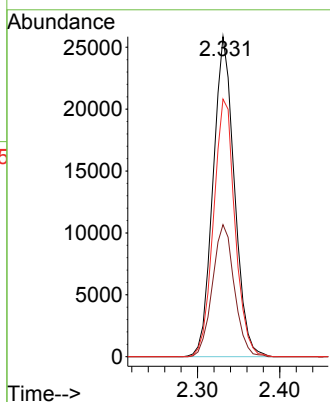
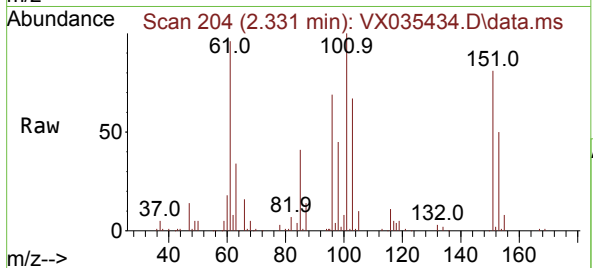




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.197 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

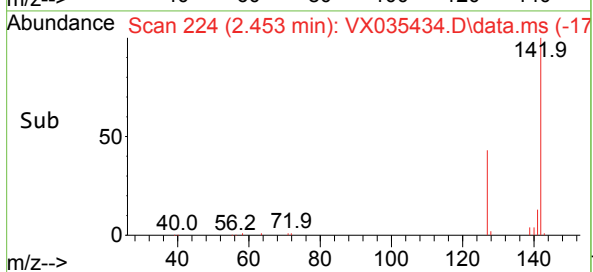
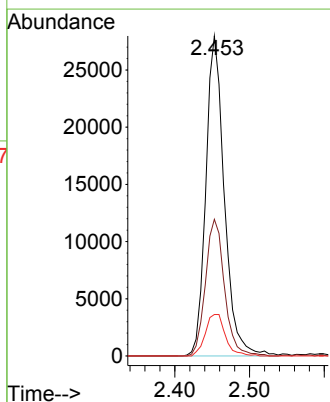
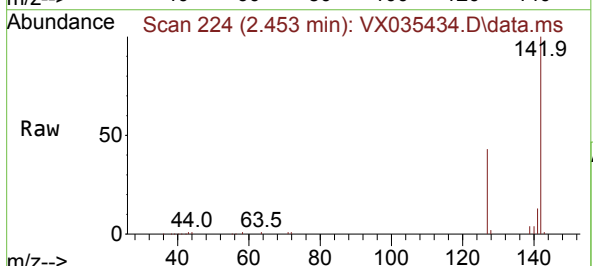
Instrument :  
MSVOA\_X  
ClientSampleId :

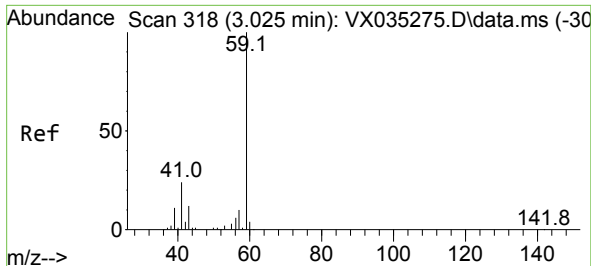
Tgt Ion:101 Resp: 46594  
Ion Ratio Lower Upper  
101 100  
85 42.2 35.4 53.2  
151 80.7 60.2 90.4



#10  
Methyl Iodide  
Concen: 14.878 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion:142 Resp: 48078  
Ion Ratio Lower Upper  
142 100  
127 43.9 34.0 51.0  
141 14.1 11.1 16.7





#11

Tert butyl alcohol

Concen: 95.647 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.042 min

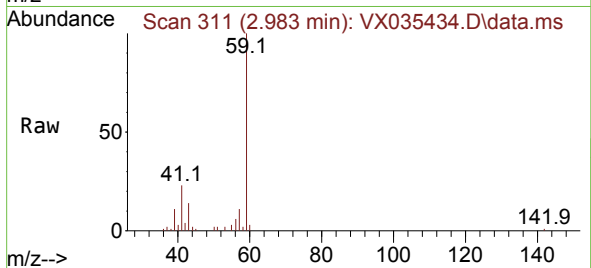
Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

ClientSampleId :

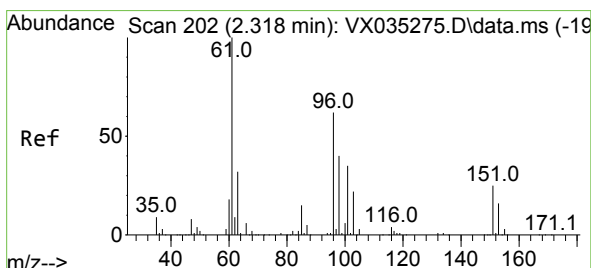
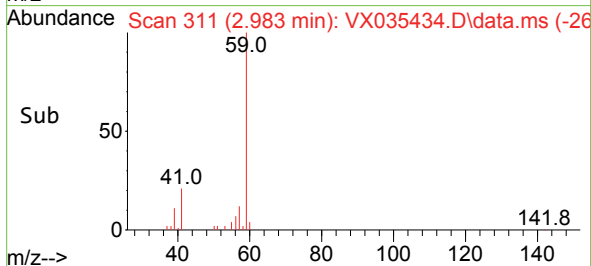
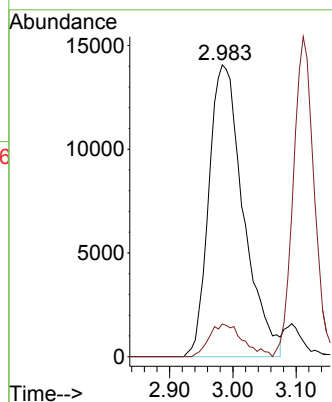


Tgt Ion: 59 Resp: 53352

Ion Ratio Lower Upper

59 100

57 10.9 8.1 12.1



#12

1,1-Dichloroethene

Concen: 18.086 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

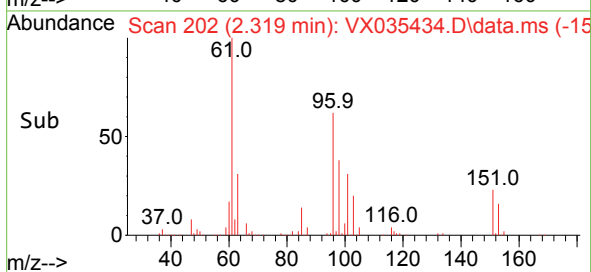
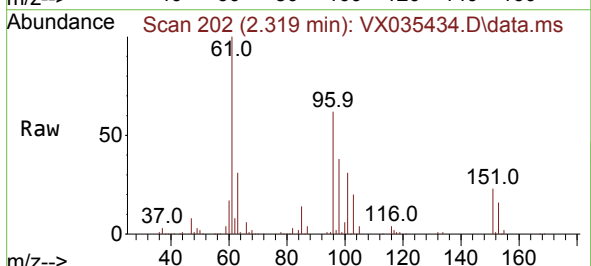
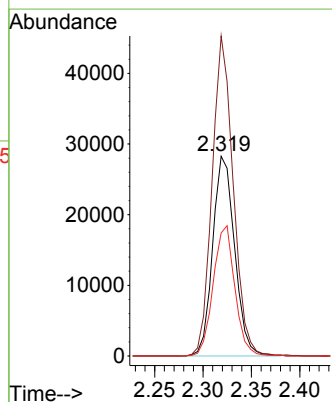
Tgt Ion: 96 Resp: 44604

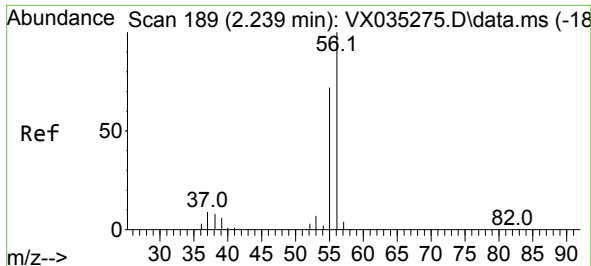
Ion Ratio Lower Upper

96 100

61 160.3 128.8 193.2

98 61.7 51.4 77.0





#13

Acrolein

Concen: 94.103 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

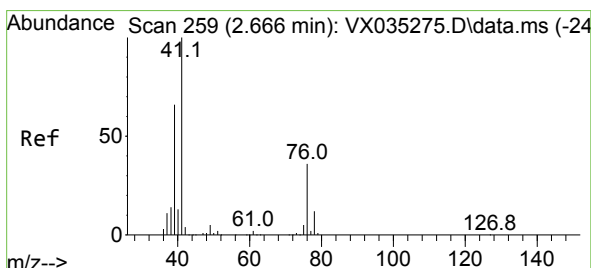
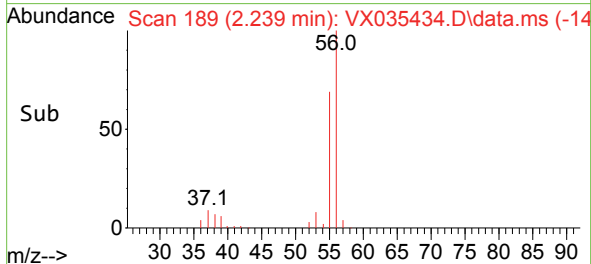
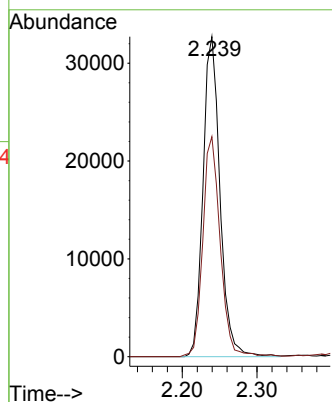
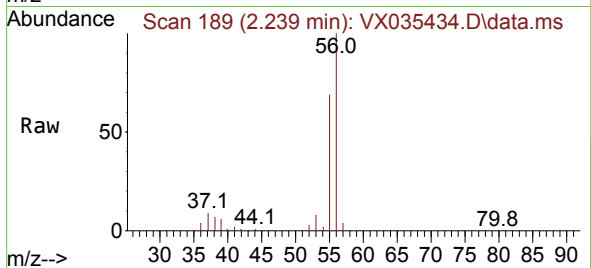
ClientSampleId :

Tgt Ion: 56 Resp: 51621

Ion Ratio Lower Upper

56 100

55 70.5 56.6 85.0



#14

Allyl chloride

Concen: 17.994 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

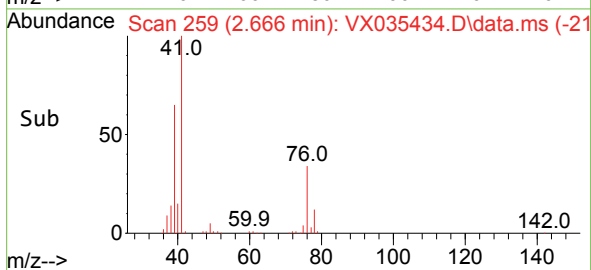
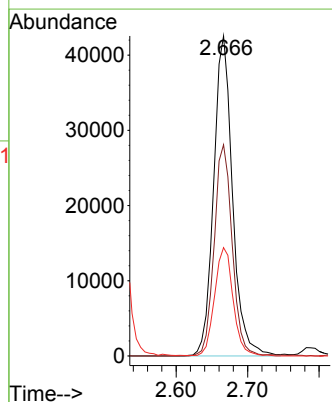
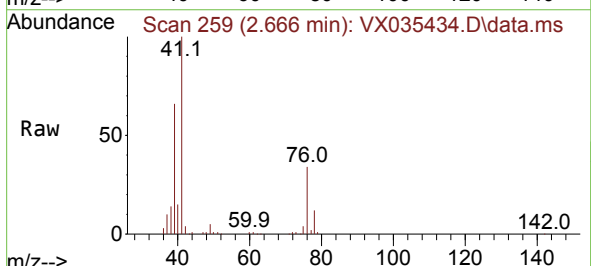
Tgt Ion: 41 Resp: 78096

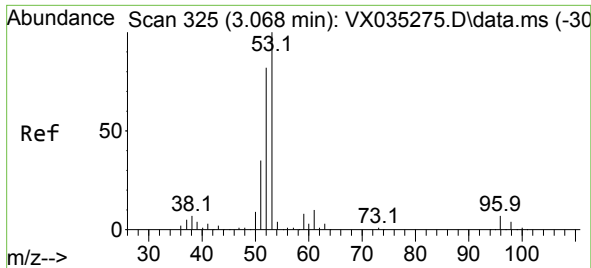
Ion Ratio Lower Upper

41 100

39 63.3 52.4 78.6

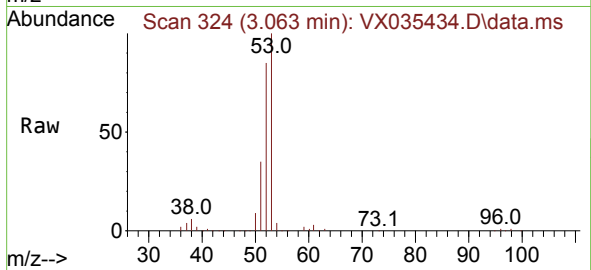
76 33.4 26.0 39.0



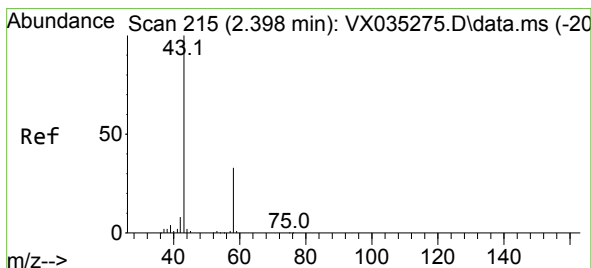
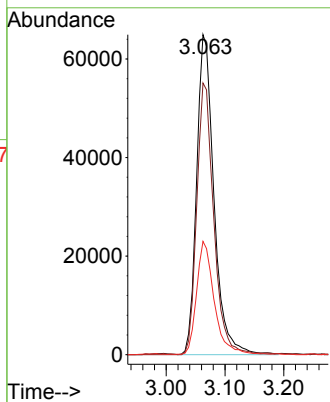
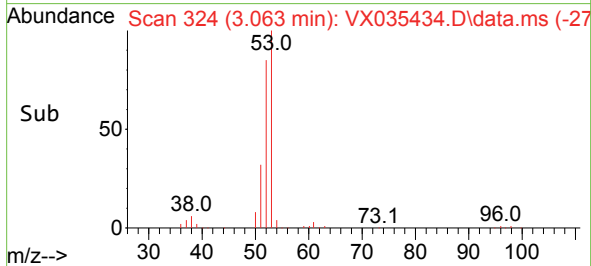


#15  
Acrylonitrile  
Concen: 95.724 ug/l  
RT: 3.063 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Instrument :  
MSVOA\_X  
ClientSampleId :

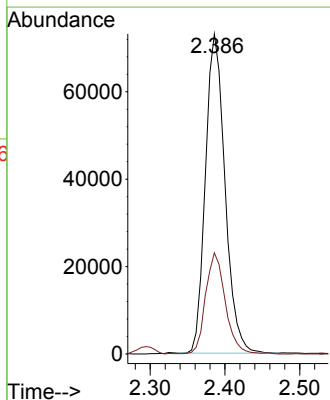
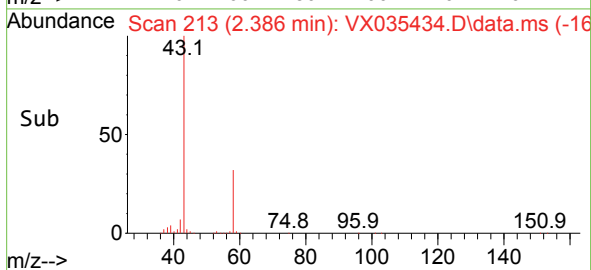
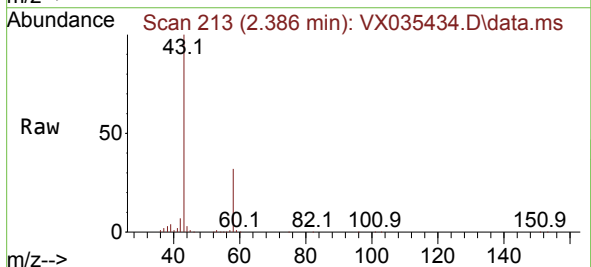


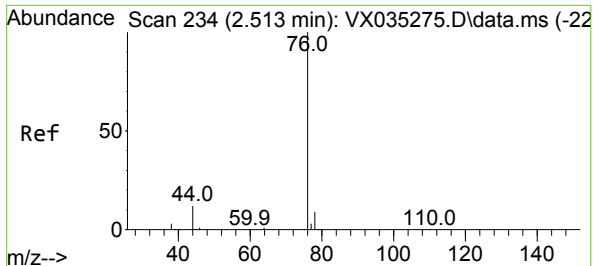
Tgt Ion: 53 Resp: 133546  
Ion Ratio Lower Upper  
53 100  
52 83.5 66.2 99.2  
51 35.7 28.3 42.5



#16  
Acetone  
Concen: 100.108 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.012 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion: 43 Resp: 133196  
Ion Ratio Lower Upper  
43 100  
58 31.7 24.7 37.1





#17

Carbon Disulfide

Concen: 17.186 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

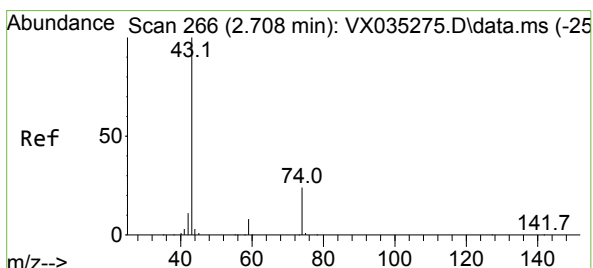
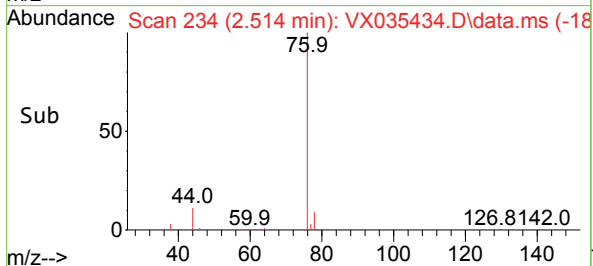
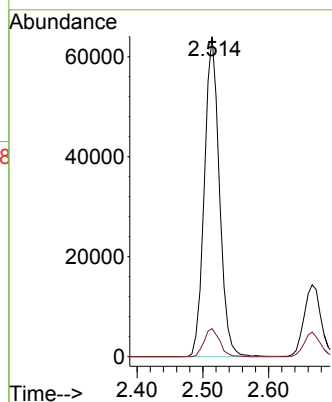
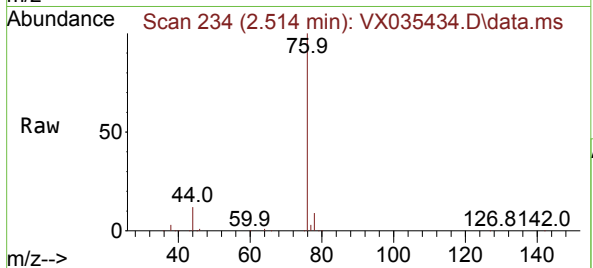
ClientSampleId :

Tgt Ion: 76 Resp: 101607

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



#18

Methyl Acetate

Concen: 19.780 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.005 min

Lab File: VX035434.D

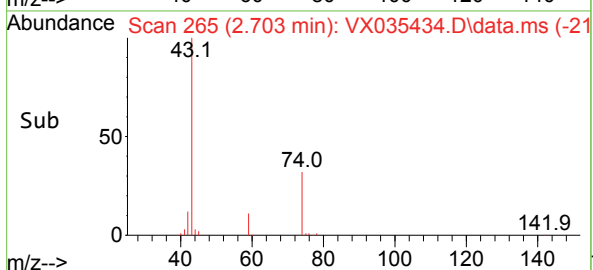
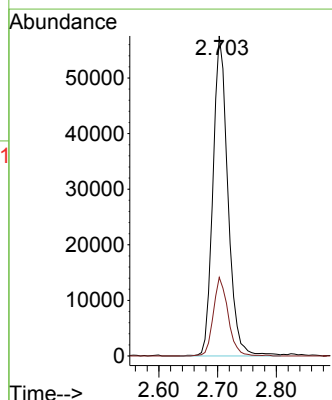
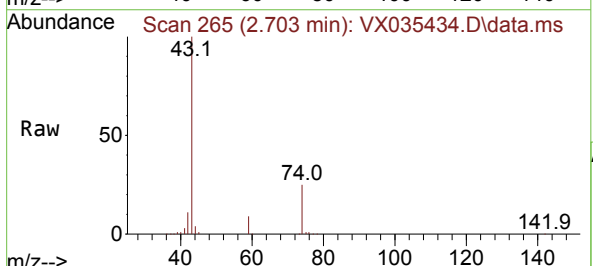
Acq: 01 May 2023 12:46

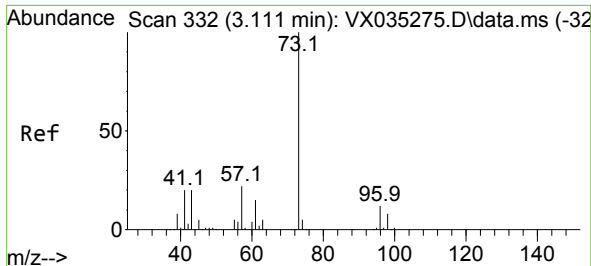
Tgt Ion: 43 Resp: 101772

Ion Ratio Lower Upper

43 100

74 24.3 18.3 27.5

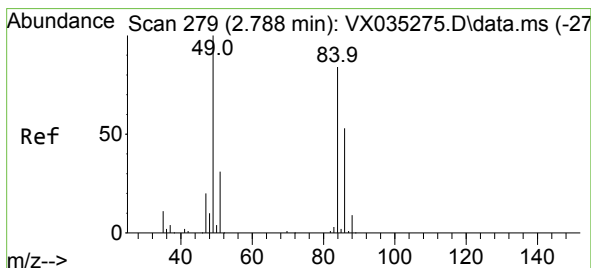
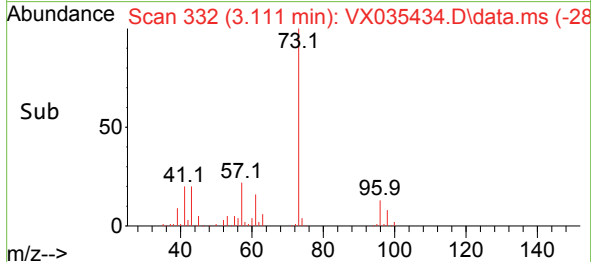
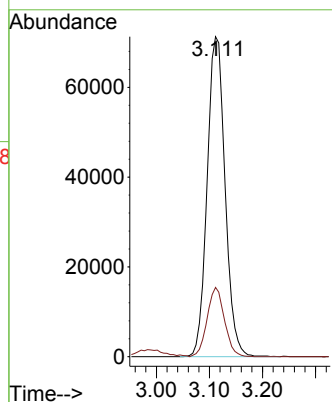
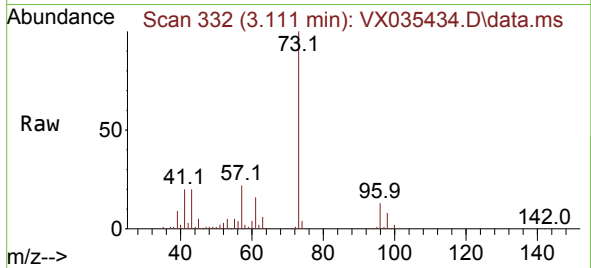




#19  
Methyl tert-butyl Ether  
Concen: 19.793 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

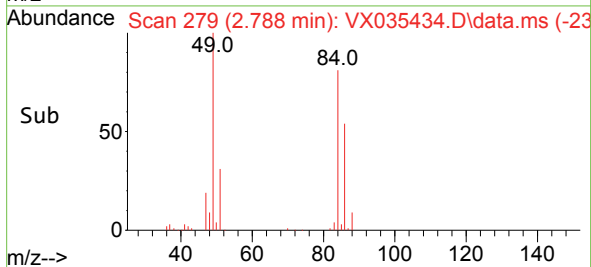
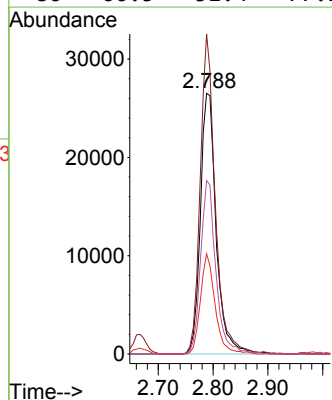
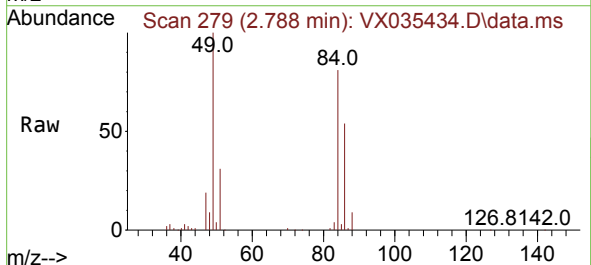
Instrument :  
MSVOA\_X  
ClientSampleId :

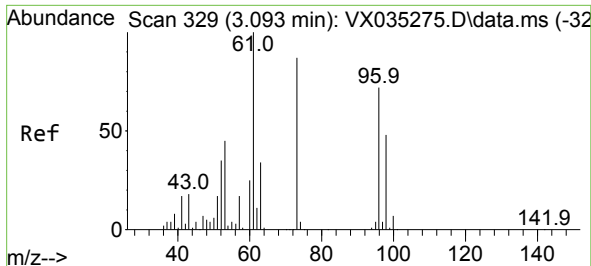
Tgt Ion: 73 Resp: 167467  
Ion Ratio Lower Upper  
73 100  
57 21.6 18.5 27.7



#20  
Methylene Chloride  
Concen: 17.432 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion: 84 Resp: 53183  
Ion Ratio Lower Upper  
84 100  
49 122.7 103.8 155.8  
51 38.4 31.8 47.8  
86 66.5 51.4 77.2

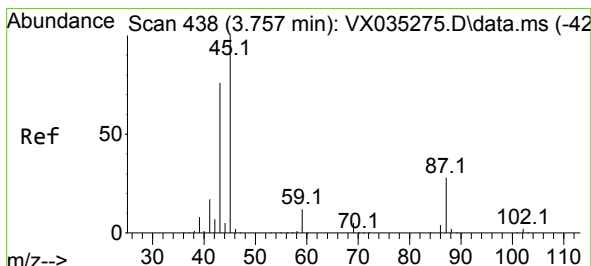
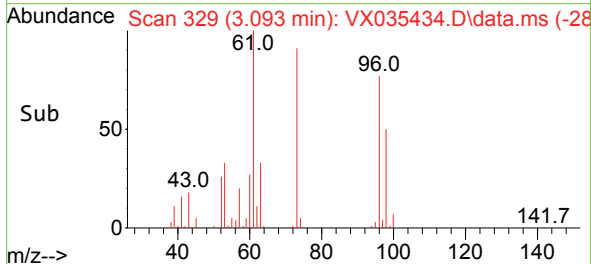
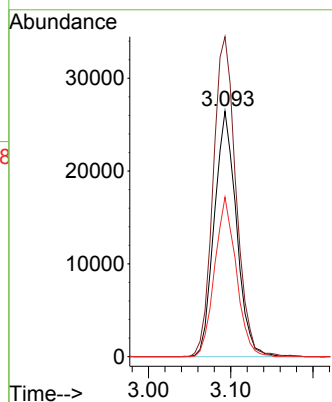
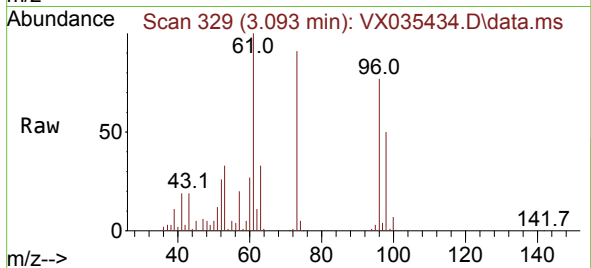




#21  
trans-1,2-Dichloroethene  
Concen: 18.485 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

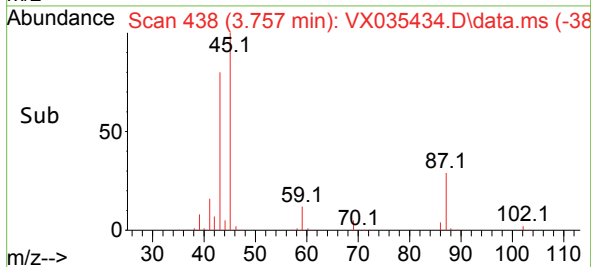
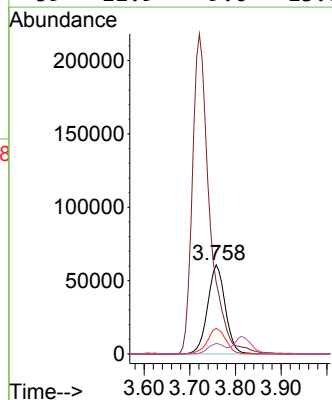
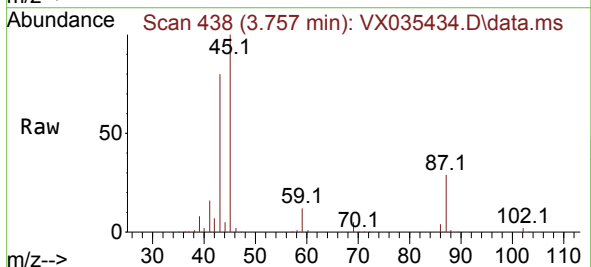
Instrument :  
MSVOA\_X  
ClientSampleId :

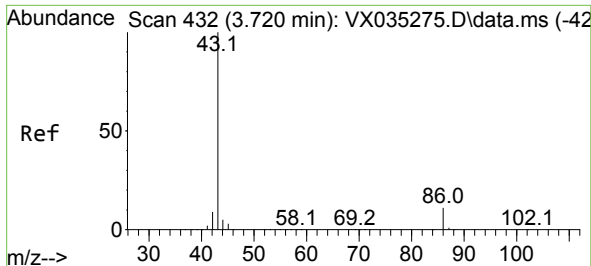
Tgt Ion: 96 Resp: 49514  
Ion Ratio Lower Upper  
96 100  
61 130.4 113.0 169.6  
98 65.0 52.1 78.1



#22  
Diisopropyl ether  
Concen: 18.953 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion: 45 Resp: 162783  
Ion Ratio Lower Upper  
45 100  
43 79.5 65.4 98.2  
87 28.7 20.6 31.0  
59 11.9 9.0 13.6

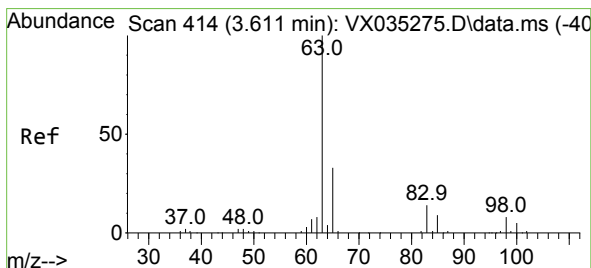
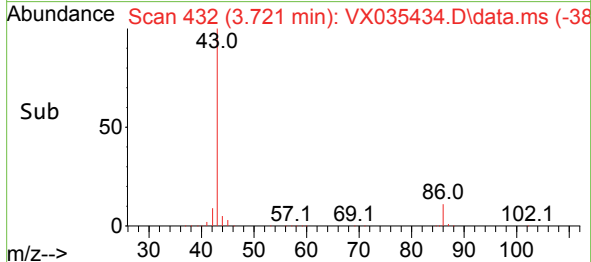
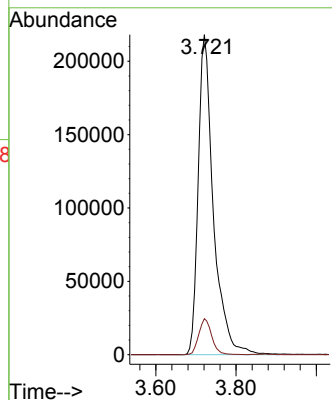
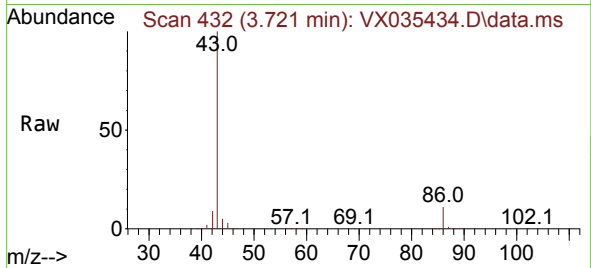




#23  
 Vinyl Acetate  
 Concen: 97.273 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.001 min  
 Lab File: VX035434.D  
 Acq: 01 May 2023 12:46

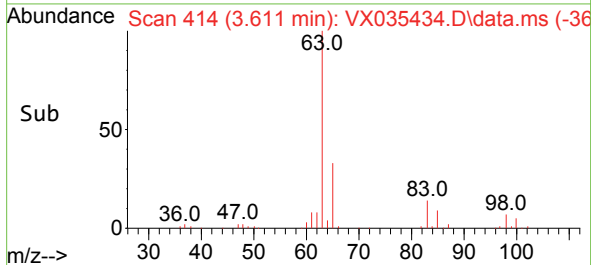
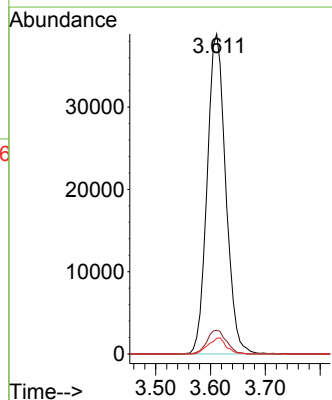
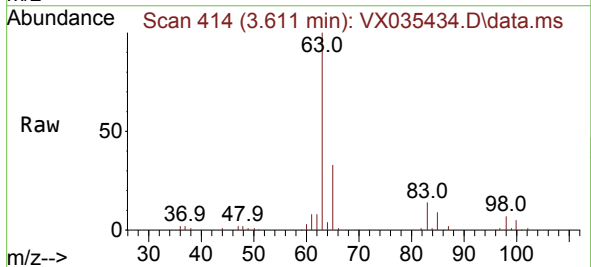
Instrument :  
 MSVOA\_X  
 ClientSampleId :

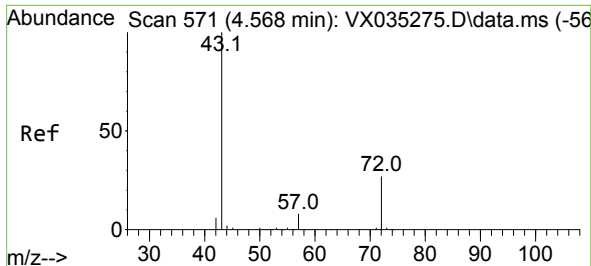
Tgt Ion: 43 Resp: 574255  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 18.863 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX035434.D  
 Acq: 01 May 2023 12:46

Tgt Ion: 63 Resp: 91253  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.8 11.2  
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 96.468 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.012 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

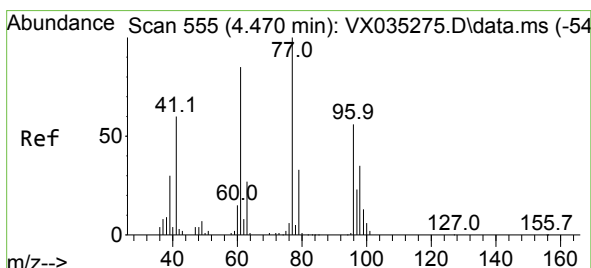
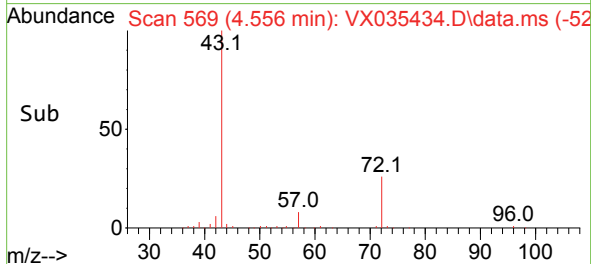
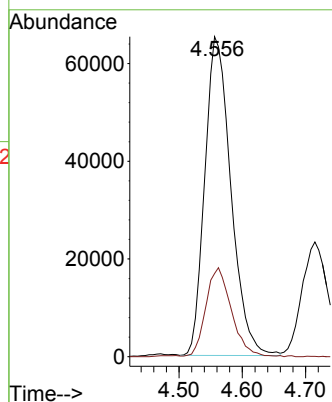
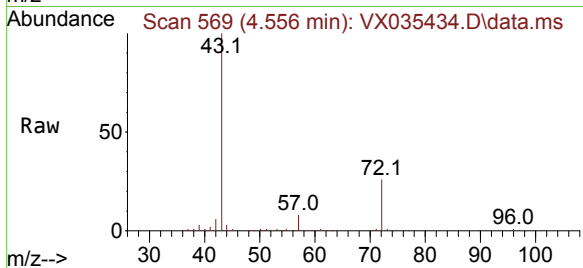
ClientSampleId :

Tgt Ion: 43 Resp: 187344

Ion Ratio Lower Upper

43 100

72 25.9 19.3 28.9



#26

2,2-Dichloropropane

Concen: 19.507 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.007 min

Lab File: VX035434.D

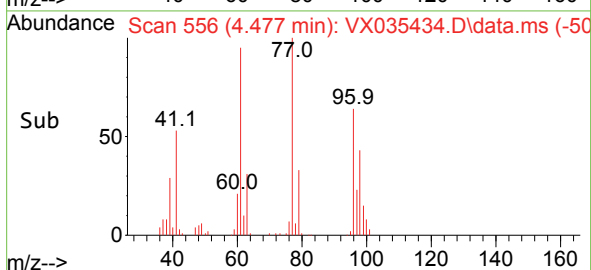
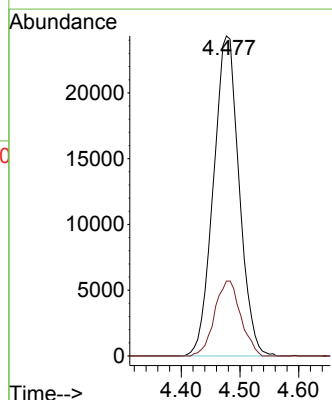
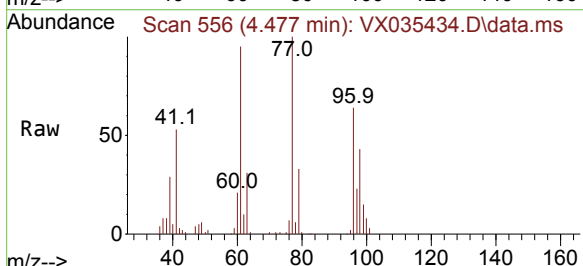
Acq: 01 May 2023 12:46

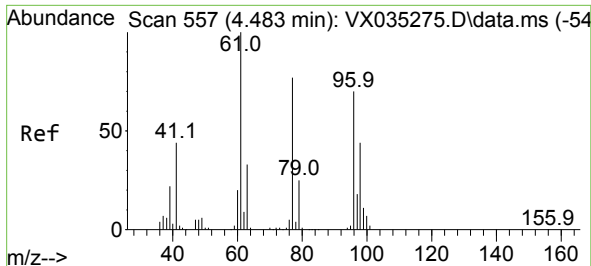
Tgt Ion: 77 Resp: 73934

Ion Ratio Lower Upper

77 100

97 23.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.541 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

ClientSampleId :

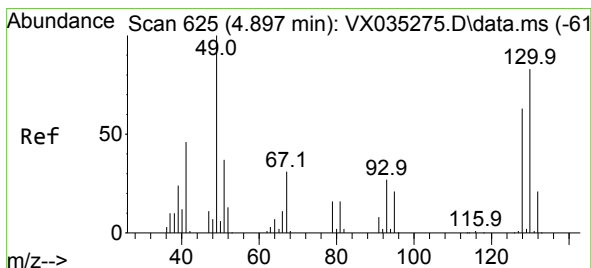
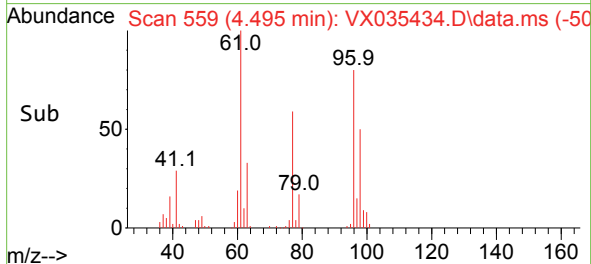
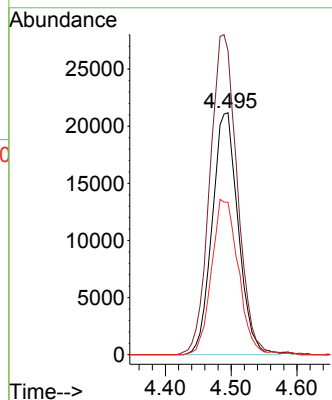
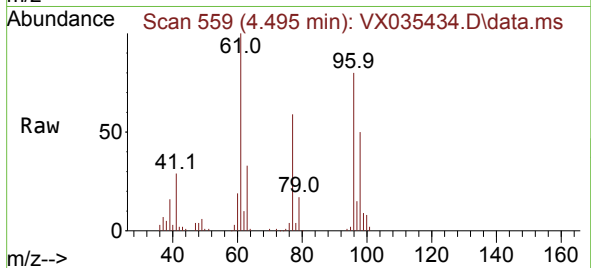
Tgt Ion: 96 Resp: 58377

Ion Ratio Lower Upper

96 100

61 139.5 0.0 300.4

98 66.0 0.0 129.0



#28

Bromochloromethane

Concen: 20.227 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

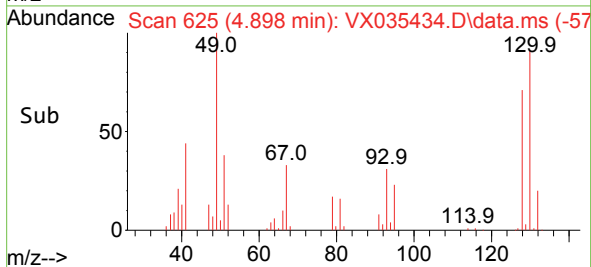
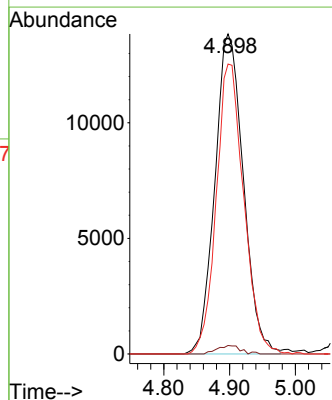
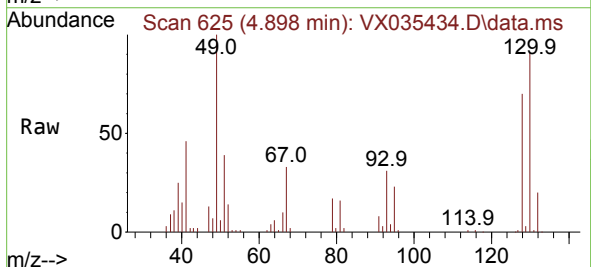
Tgt Ion: 49 Resp: 41701

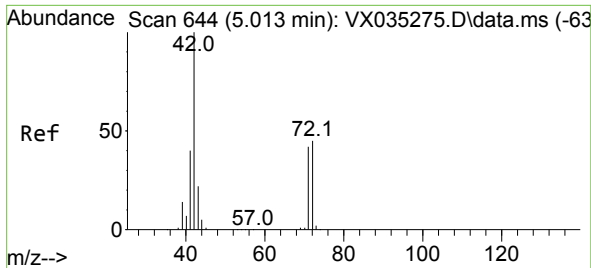
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 87.4 58.2 87.2#





#29

Tetrahydrofuran

Concen: 92.819 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

ClientSampleId :

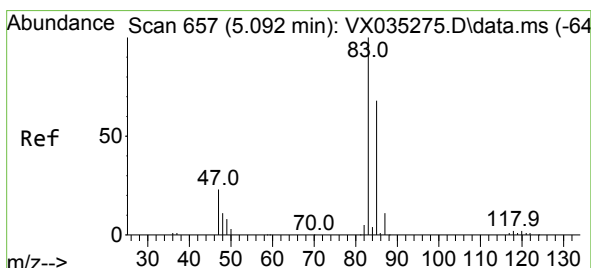
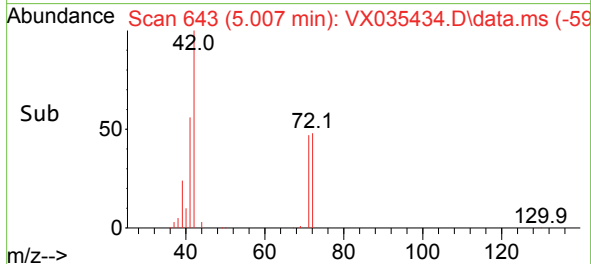
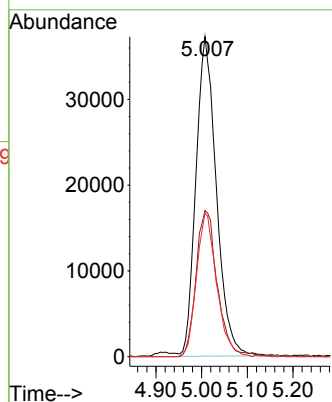
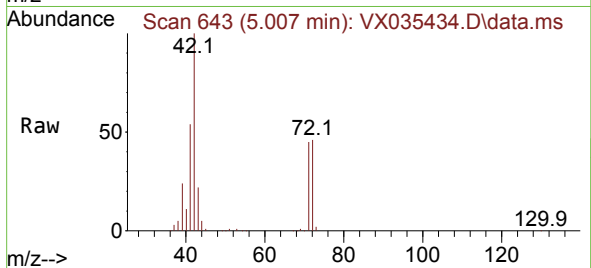
Tgt Ion: 42 Resp: 115554

Ion Ratio Lower Upper

42 100

72 47.9 34.5 51.7

71 44.2 32.1 48.1



#30

Chloroform

Concen: 19.515 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX035434.D

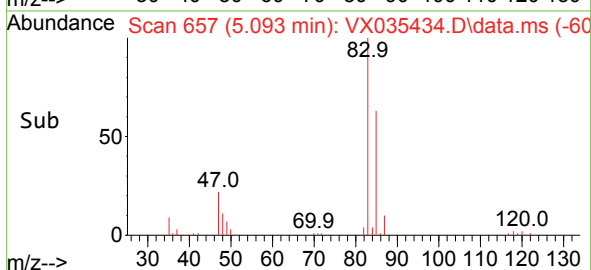
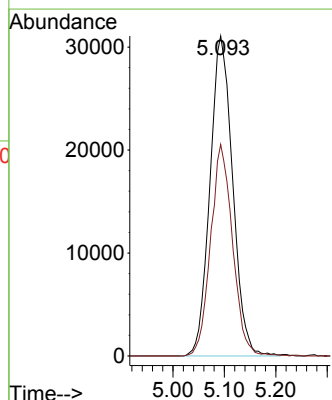
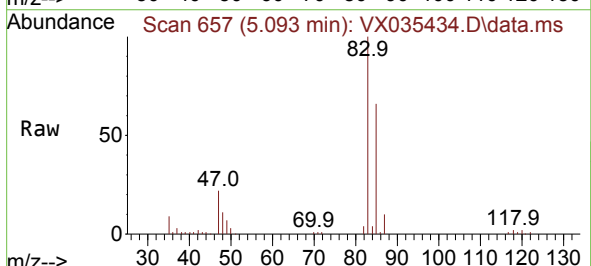
Acq: 01 May 2023 12:46

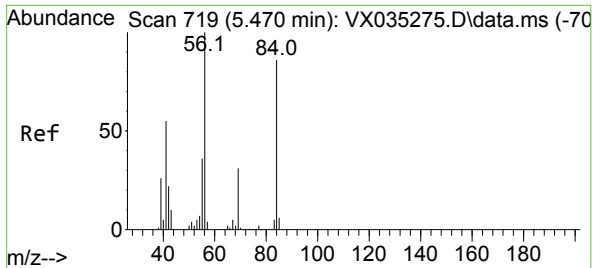
Tgt Ion: 83 Resp: 95305

Ion Ratio Lower Upper

83 100

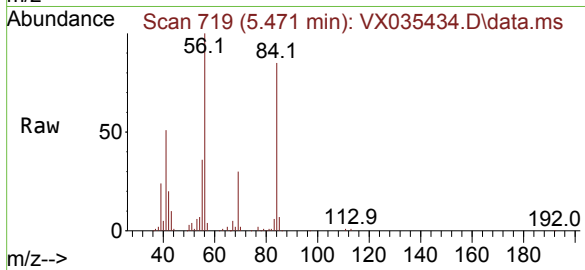
85 66.1 50.6 76.0



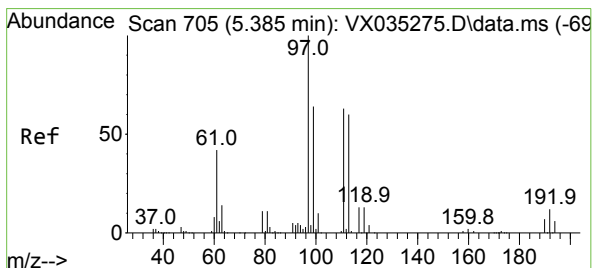
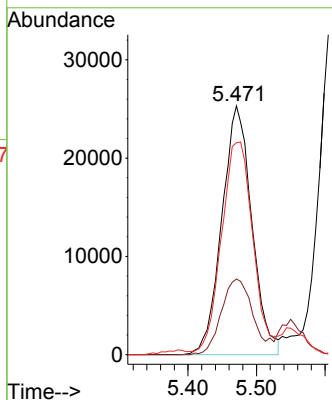
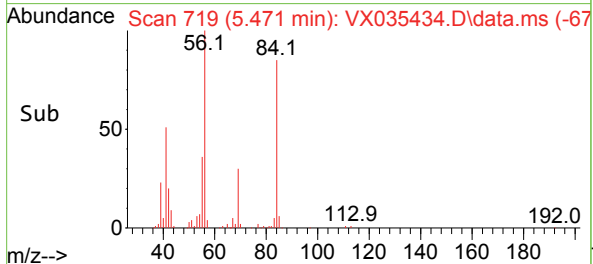


#31  
Cyclohexane  
Concen: 17.716 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Instrument :  
MSVOA\_X  
ClientSampleId :

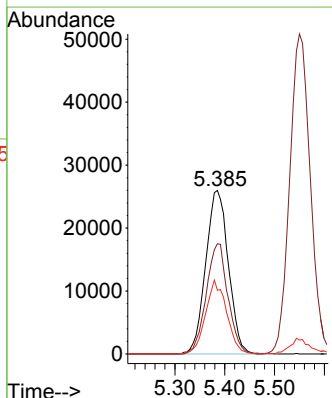
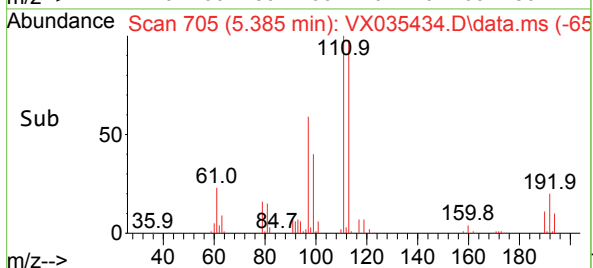
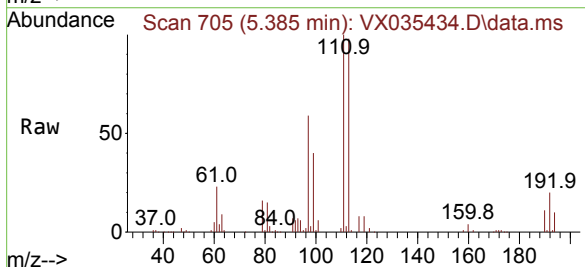


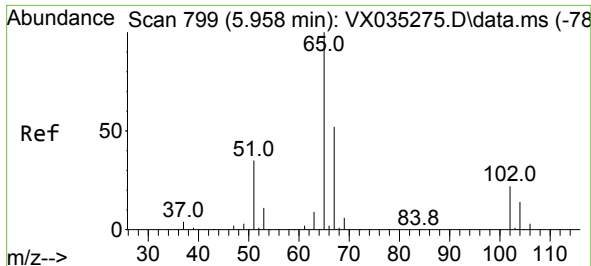
Tgt Ion: 56 Resp: 76988  
Ion Ratio Lower Upper  
56 100  
69 30.4 23.7 35.5  
84 82.9 68.5 102.7



#32  
1,1,1-Trichloroethane  
Concen: 19.174 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion: 97 Resp: 82064  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.1 76.7  
61 42.0 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 49.280 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

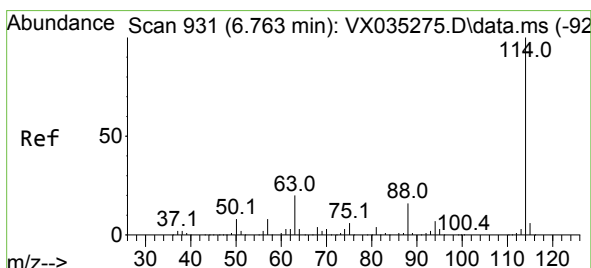
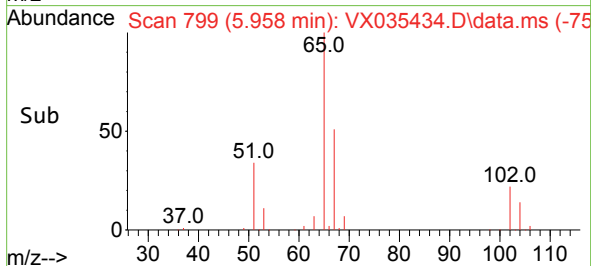
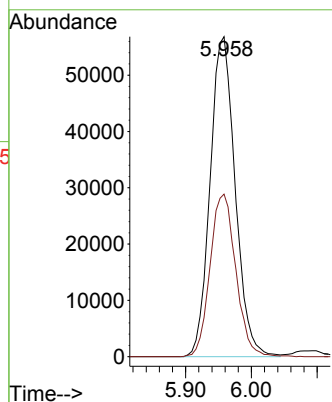
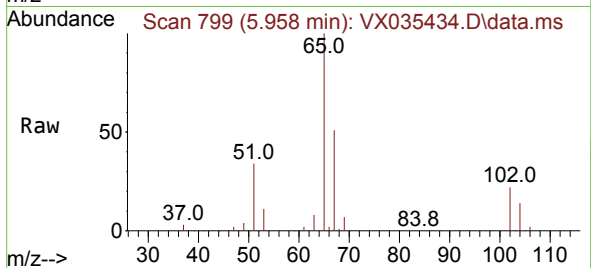
ClientSampleId :

Tgt Ion: 65 Resp: 150968

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

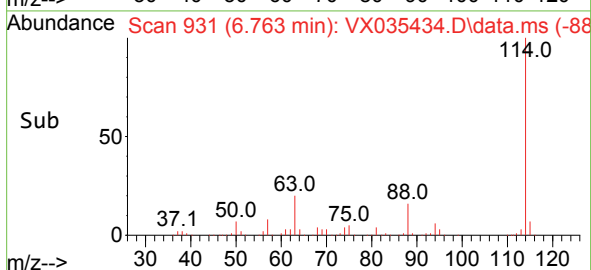
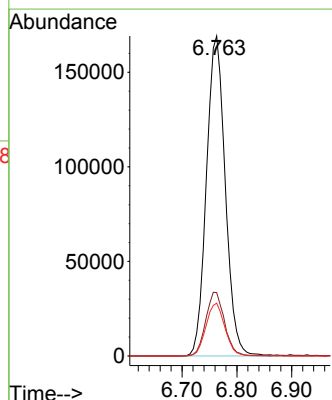
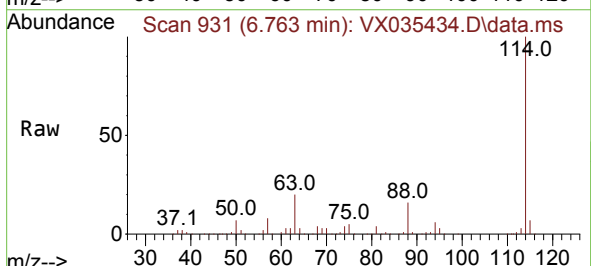
Tgt Ion: 114 Resp: 403076

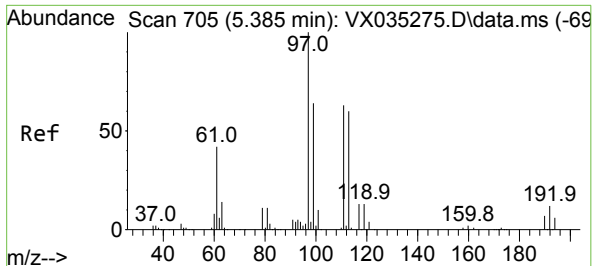
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.2

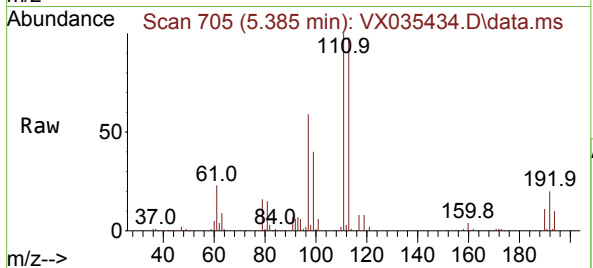
88 16.5 0.0 33.2



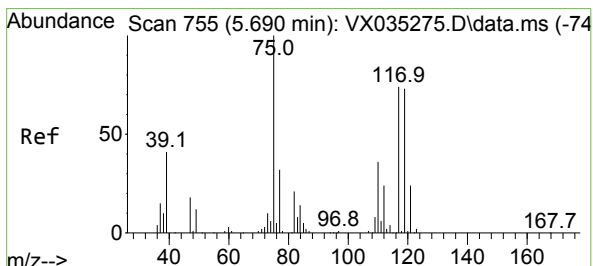
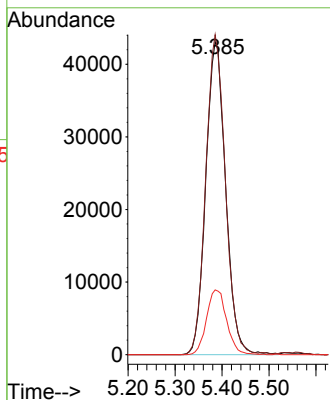
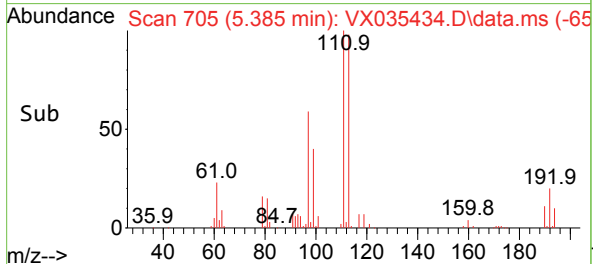


#35  
Dibromofluoromethane  
Concen: 51.048 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Instrument :  
MSVOA\_X  
ClientSampleId :

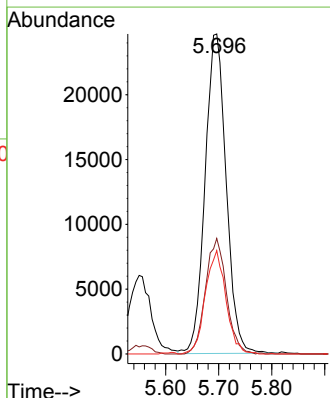
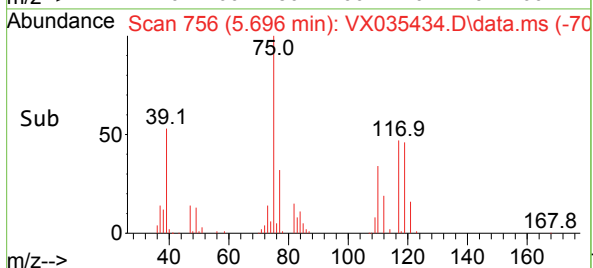
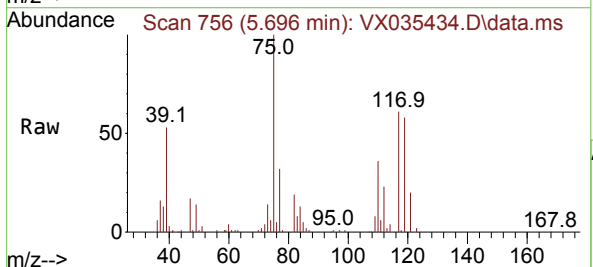


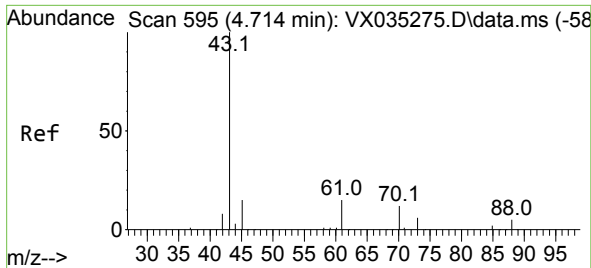
Tgt Ion:113 Resp: 126290  
Ion Ratio Lower Upper  
113 100  
111 100.8 83.7 125.5  
192 21.0 15.4 23.2



#36  
1,1-Dichloropropene  
Concen: 17.630 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion: 75 Resp: 68104  
Ion Ratio Lower Upper  
75 100  
110 35.8 17.5 52.5  
77 31.7 24.3 36.5

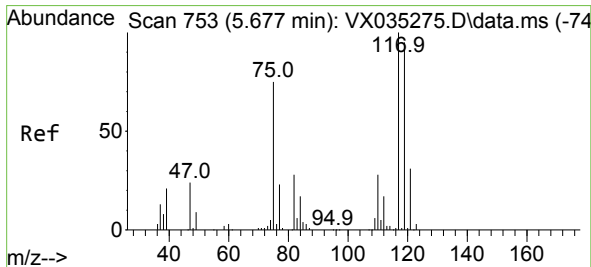
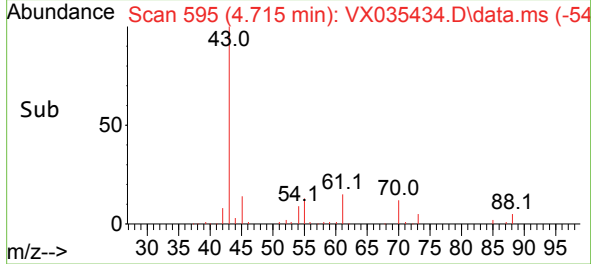
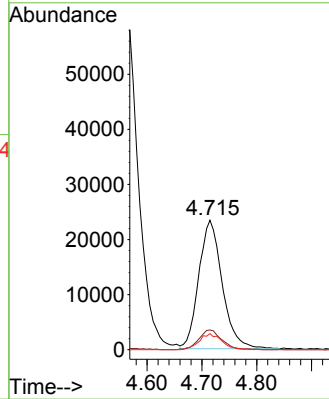
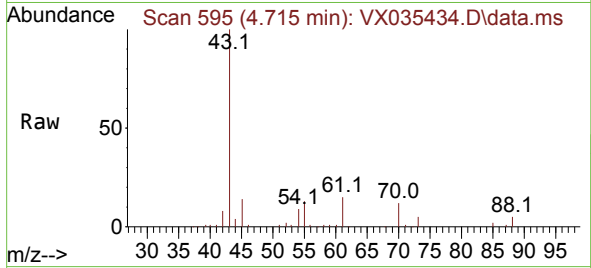




#37  
Ethyl Acetate  
Concen: 19.614 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

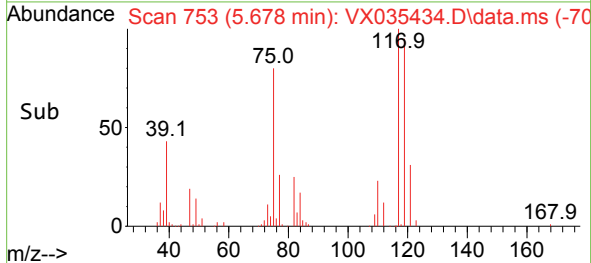
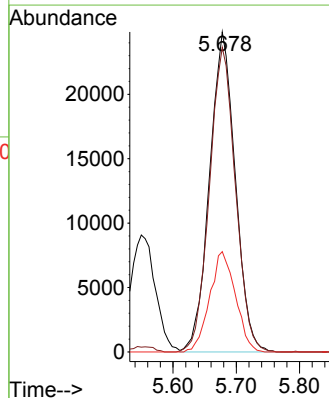
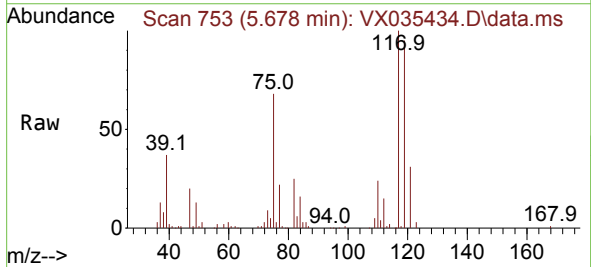
Instrument :  
MSVOA\_X  
ClientSampleId :

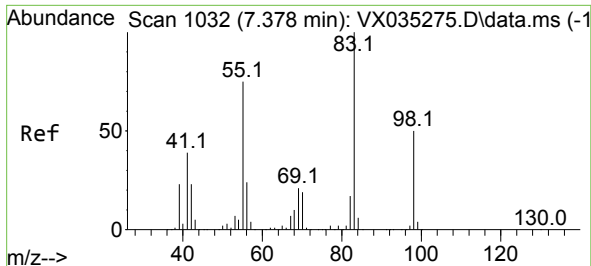
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 69202 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 15.0  | 10.2  | 15.4  |
| 70        | 12.0  | 8.2   | 12.4  |



#38  
Carbon Tetrachloride  
Concen: 19.141 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

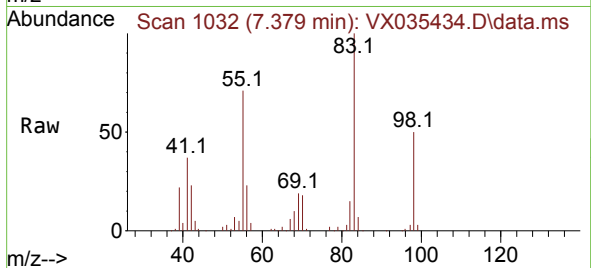
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 70194 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 95.2  | 76.6  | 114.8 |
| 121       | 31.3  | 23.8  | 35.6  |



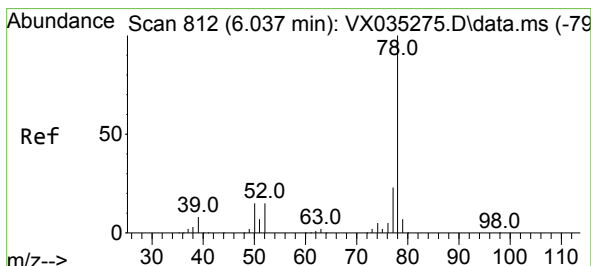
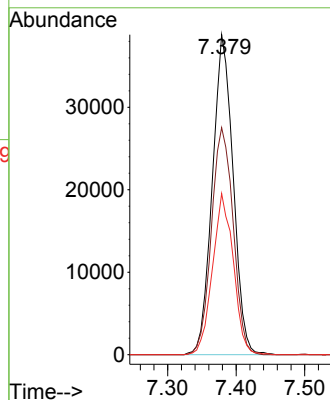
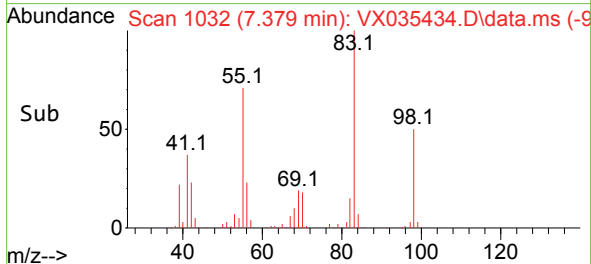


#39  
Methylcyclohexane  
Concen: 17.355 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Instrument :  
MSVOA\_X  
ClientSampleId :

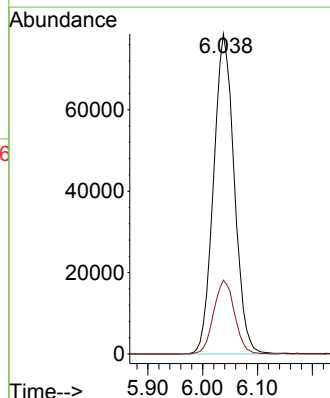
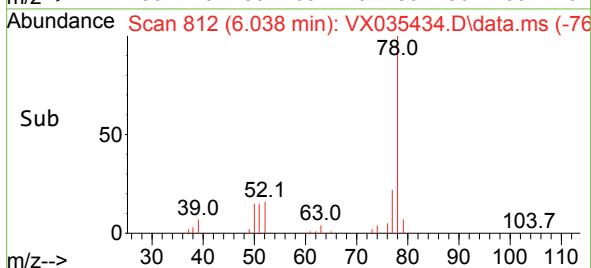
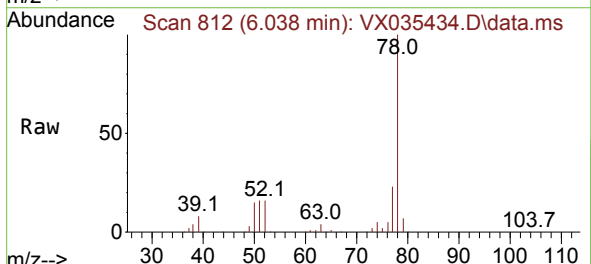


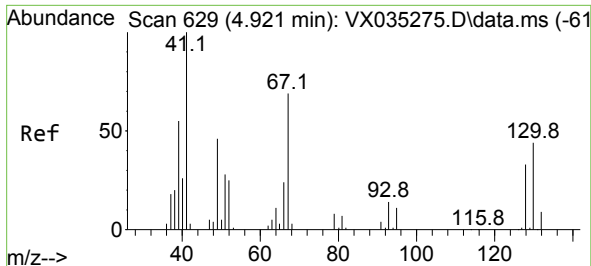
Tgt Ion: 83 Resp: 81606  
Ion Ratio Lower Upper  
83 100  
55 71.0 60.5 90.7  
98 50.4 40.4 60.6



#40  
Benzene  
Concen: 18.642 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

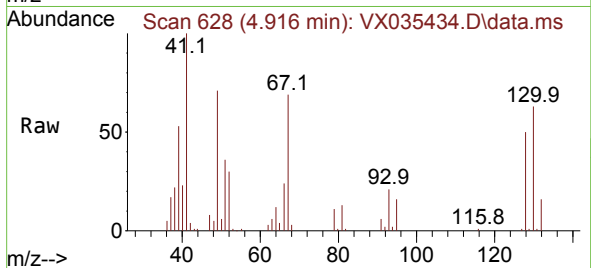
Tgt Ion: 78 Resp: 206577  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.0 28.4



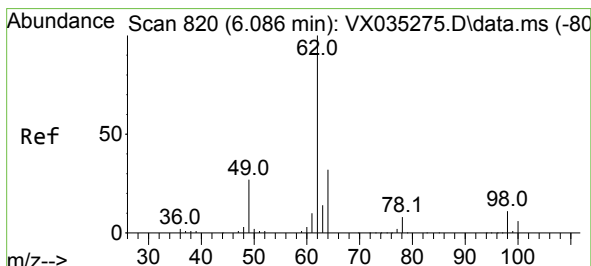
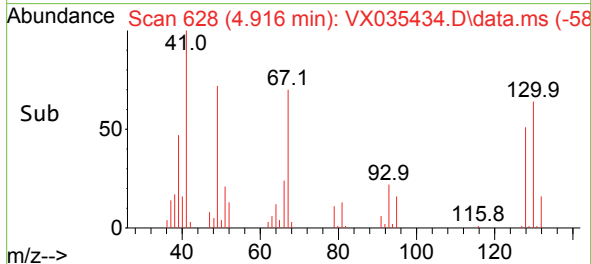
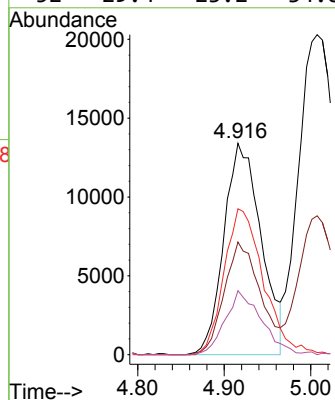


#41  
Methacrylonitrile  
Concen: 19.856 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Instrument :  
MSVOA\_X  
ClientSampleId :

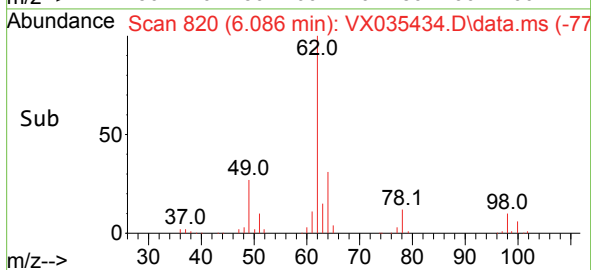
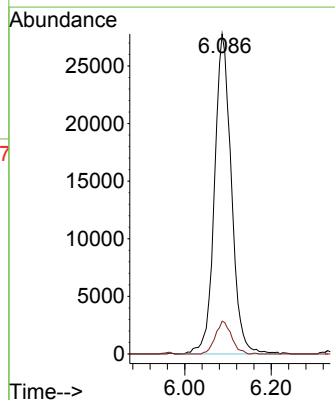
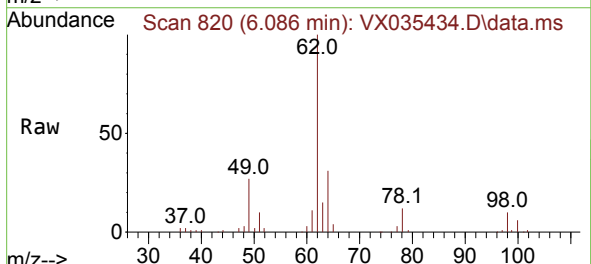


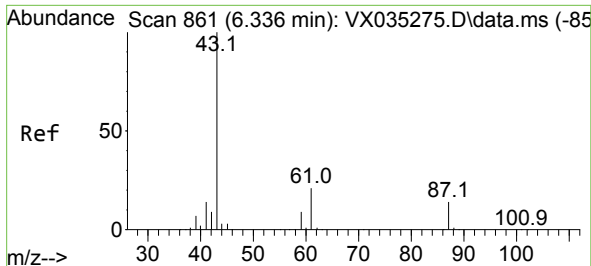
| Tgt Ion: | 41    | Resp: | 40142 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.8  | 45.0  | 67.6  |
| 67       | 73.0  | 55.6  | 83.4  |
| 52       | 29.4  | 23.2  | 34.8  |



#42  
1,2-Dichloroethane  
Concen: 19.050 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

| Tgt Ion: | 62    | Resp: | 75269 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.7   | 0.0   | 18.0  |





#43

Isopropyl Acetate

Concen: 19.370 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

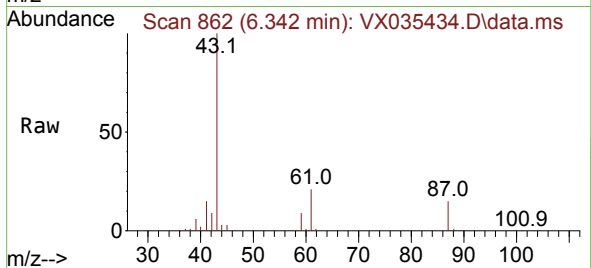
Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

ClientSampleId :



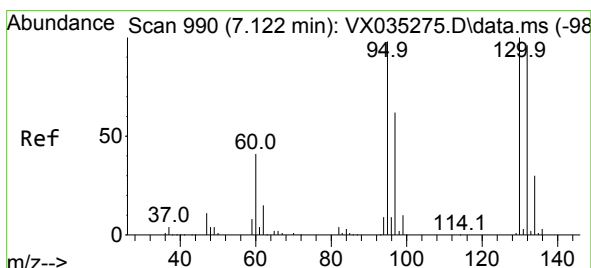
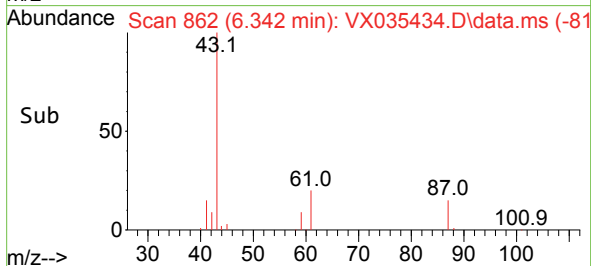
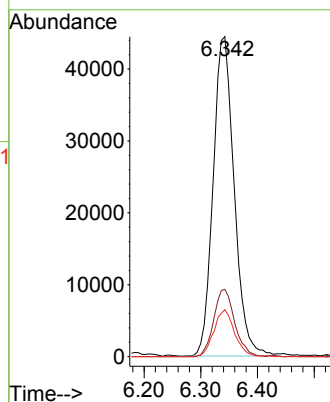
Tgt Ion: 43 Resp: 114833

Ion Ratio Lower Upper

43 100

61 21.0 15.2 22.8

87 14.4 9.8 14.8



#44

Trichloroethene

Concen: 18.689 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.001 min

Lab File: VX035434.D

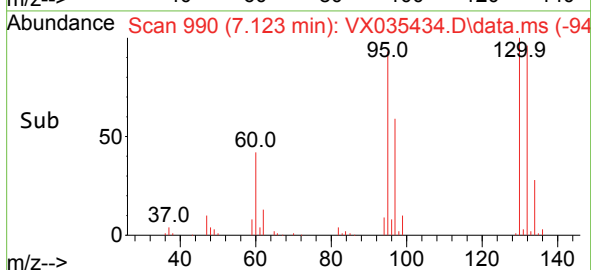
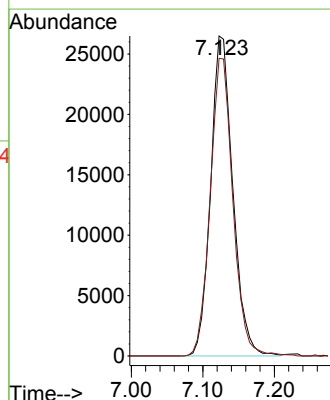
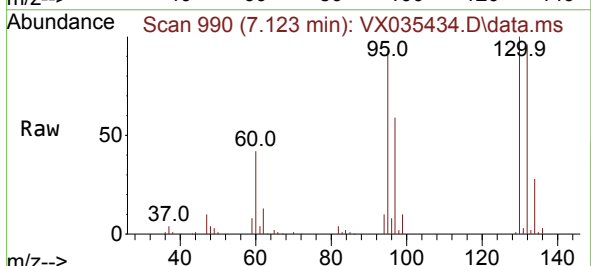
Acq: 01 May 2023 12:46

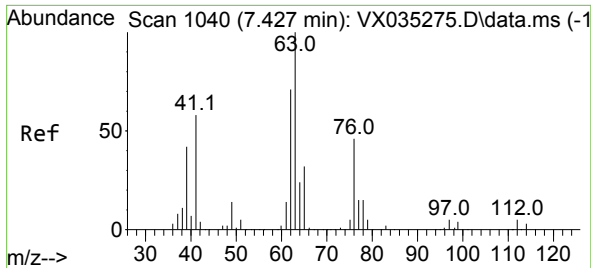
Tgt Ion:130 Resp: 57052

Ion Ratio Lower Upper

130 100

95 93.0 0.0 198.4

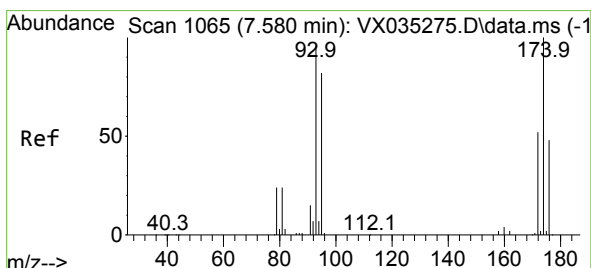
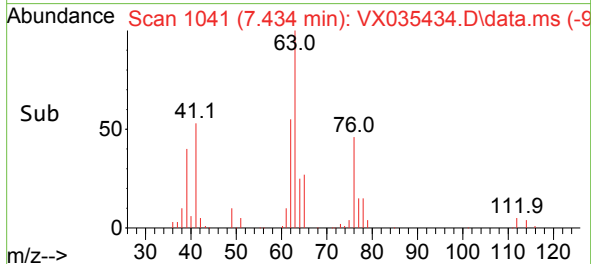
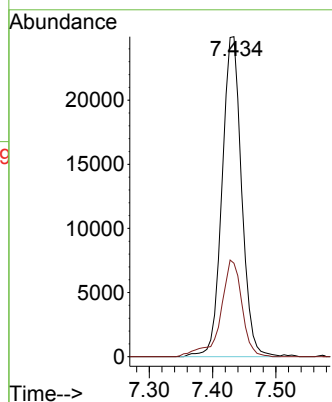
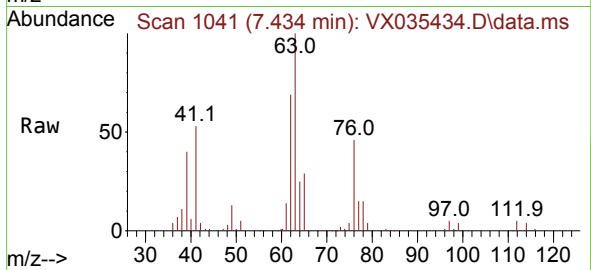




#45  
1,2-Dichloropropane  
Concen: 19.151 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. 0.007 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

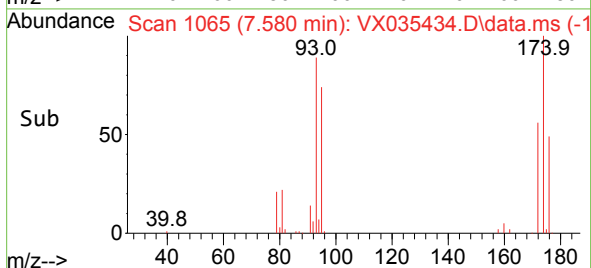
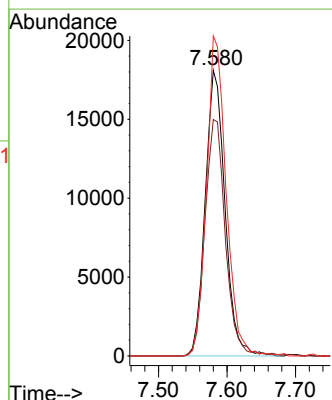
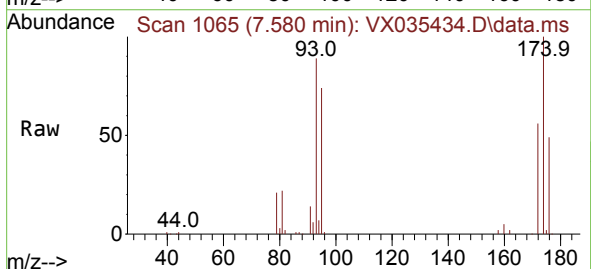
Instrument :  
MSVOA\_X  
ClientSampleId :

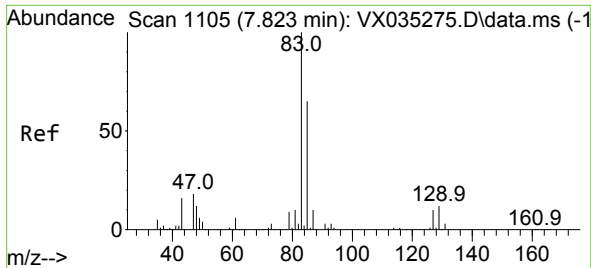
Tgt Ion: 63 Resp: 53503  
Ion Ratio Lower Upper  
63 100  
65 29.2 24.6 37.0



#46  
Dibromomethane  
Concen: 18.942 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion: 93 Resp: 36341  
Ion Ratio Lower Upper  
93 100  
95 85.4 66.9 100.3  
174 111.1 75.4 113.0

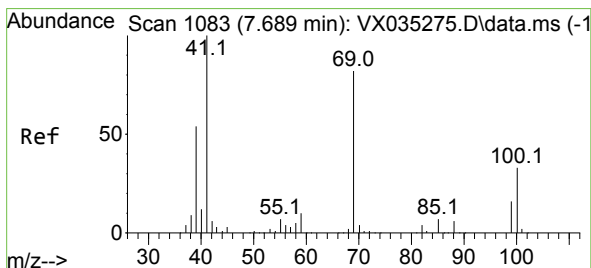
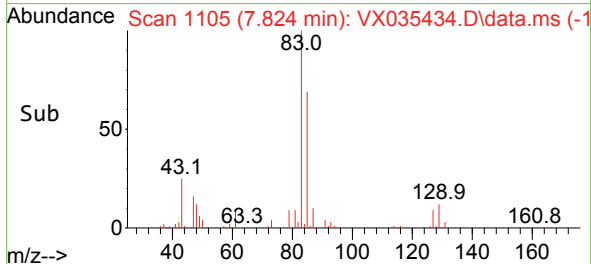
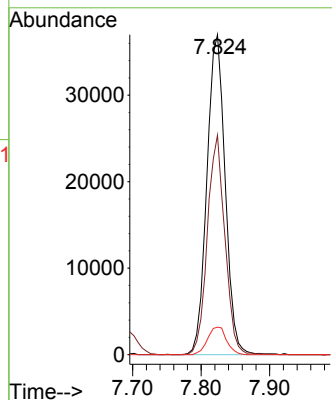
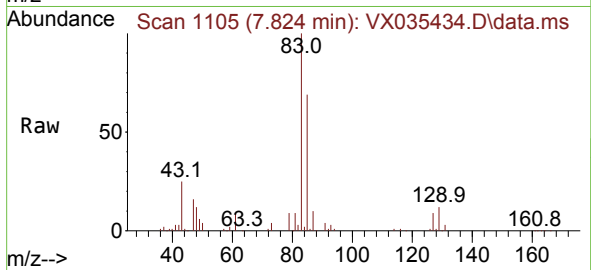




#47  
Bromodichloromethane  
Concen: 19.417 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

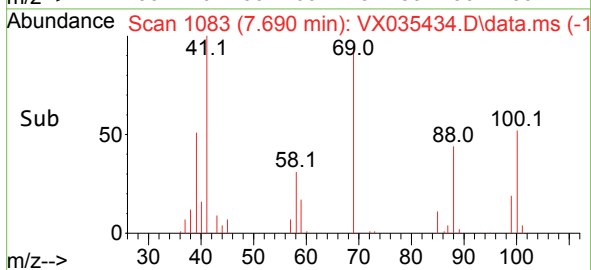
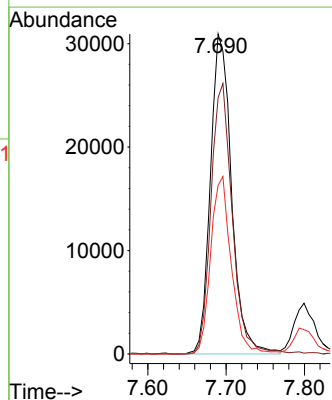
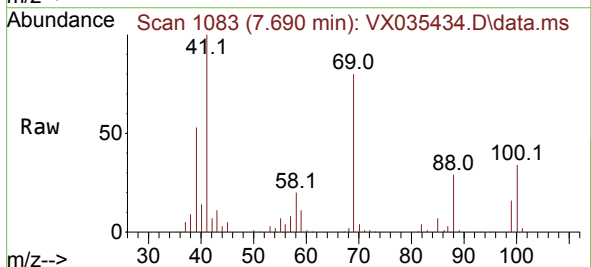
Instrument :  
MSVOA\_X  
ClientSampleId :

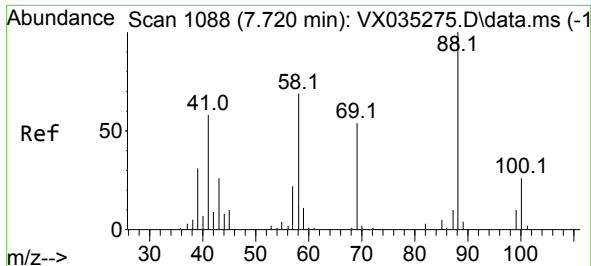
Tgt Ion: 83 Resp: 68637  
Ion Ratio Lower Upper  
83 100  
85 68.6 52.2 78.4  
127 8.6 6.6 9.8



#48  
Methyl methacrylate  
Concen: 19.959 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

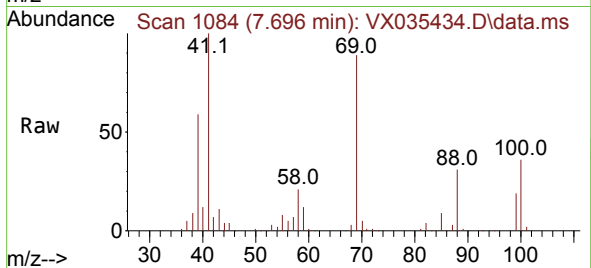
Tgt Ion: 41 Resp: 58043  
Ion Ratio Lower Upper  
41 100  
69 84.9 62.2 93.4  
39 53.9 47.7 71.5



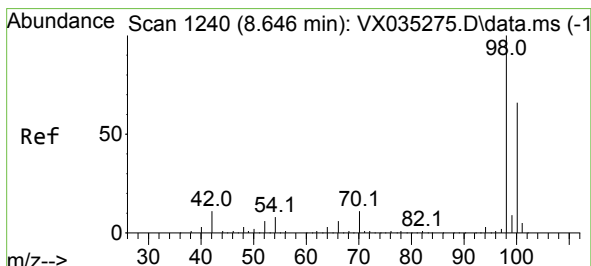
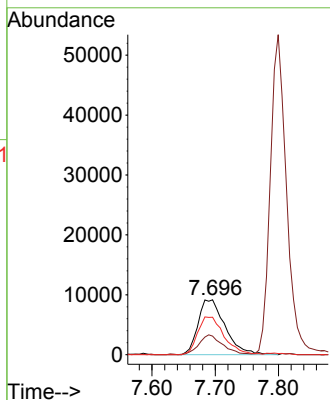
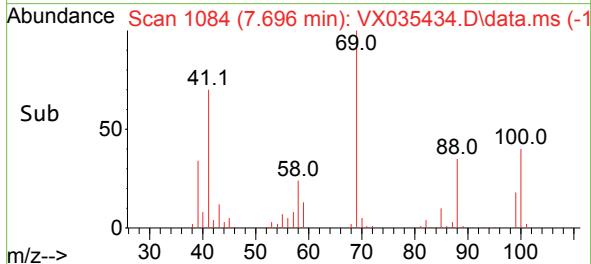


#49  
 1,4-Dioxane  
 Concen: 386.682 ug/l  
 RT: 7.696 min Scan# 1084  
 Delta R.T. -0.024 min  
 Lab File: VX035434.D  
 Acq: 01 May 2023 12:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :

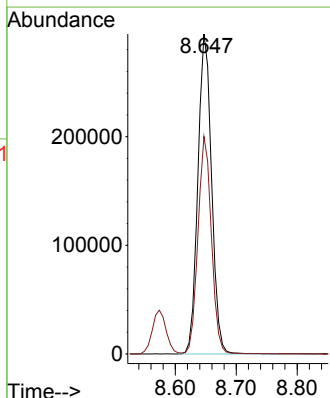
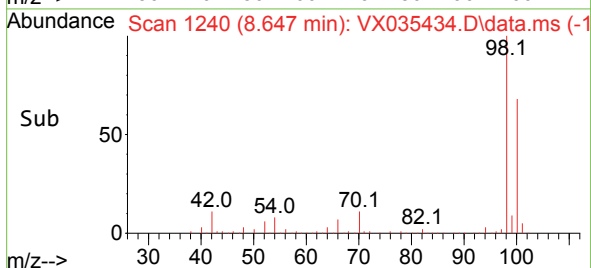
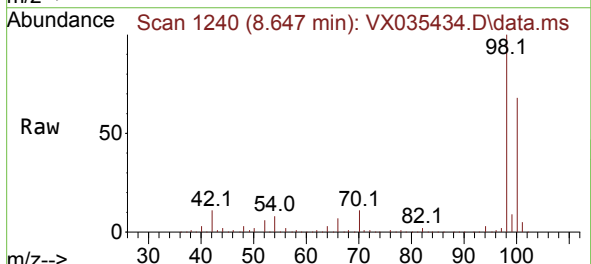


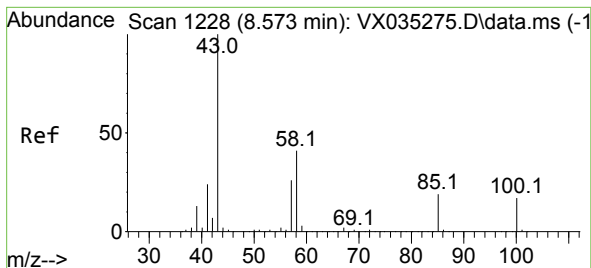
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 31.5  | 27.7  | 41.5  |
| 58      | 66.5  | 56.8  | 85.2  |



#50  
 Toluene-d8  
 Concen: 49.208 ug/l  
 RT: 8.647 min Scan# 1240  
 Delta R.T. 0.001 min  
 Lab File: VX035434.D  
 Acq: 01 May 2023 12:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.4  | 52.5  | 78.7  |





#51

4-Methyl-2-Pentanone

Concen: 98.024 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

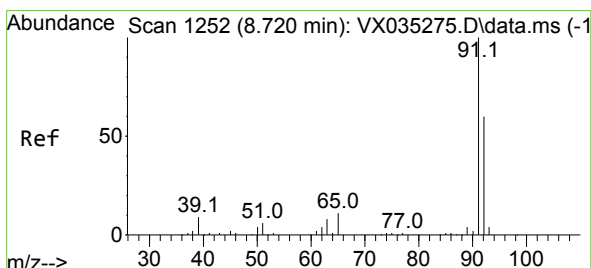
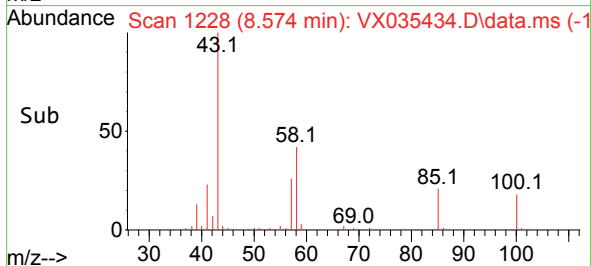
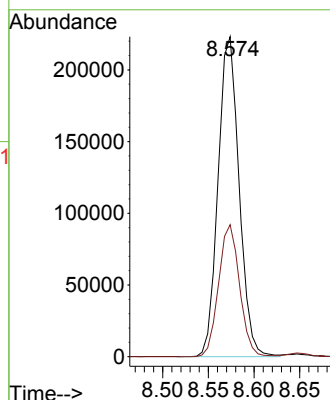
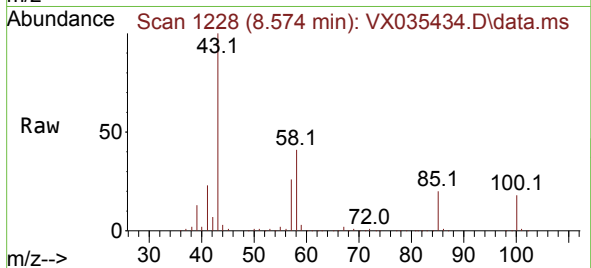
ClientSampleId :

Tgt Ion: 43 Resp: 357025

Ion Ratio Lower Upper

43 100

58 41.2 30.6 46.0



#52

Toluene

Concen: 18.872 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035434.D

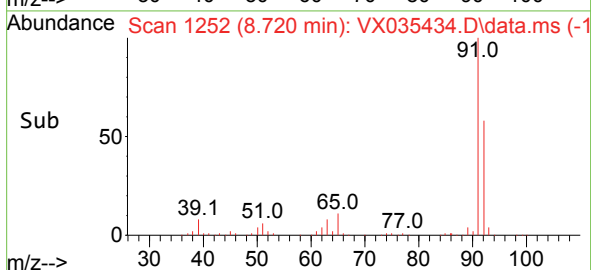
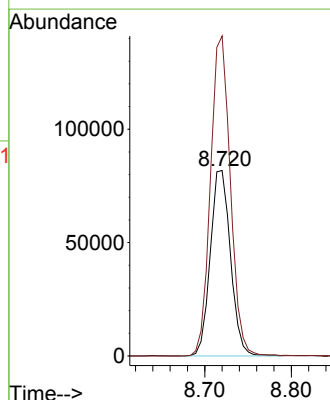
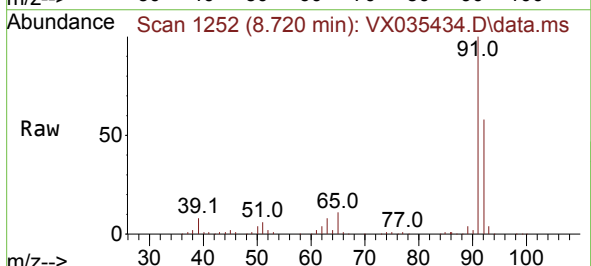
Acq: 01 May 2023 12:46

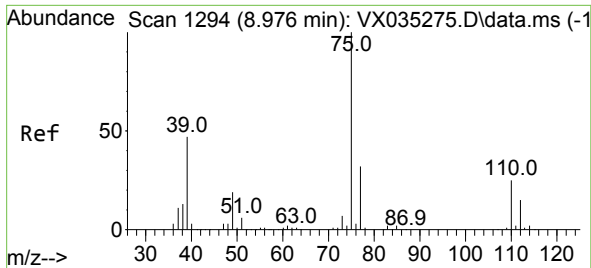
Tgt Ion: 92 Resp: 132564

Ion Ratio Lower Upper

92 100

91 170.2 136.8 205.2

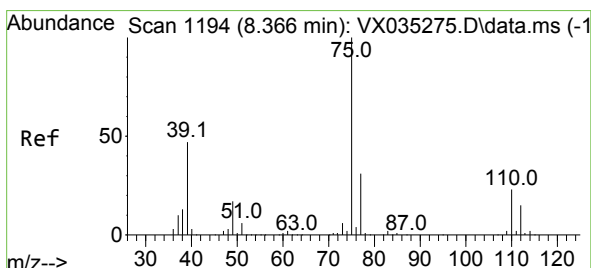
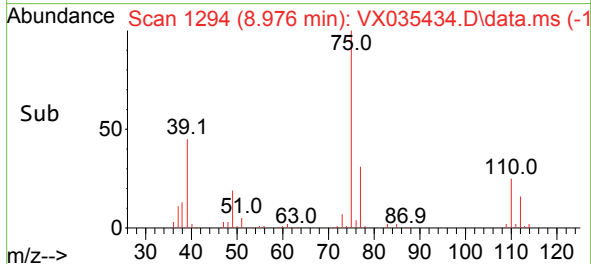
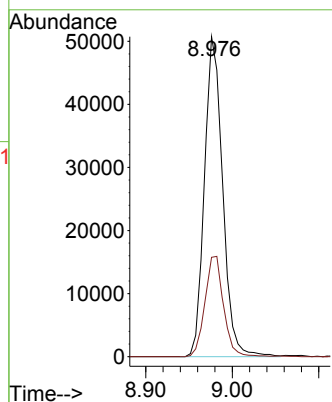
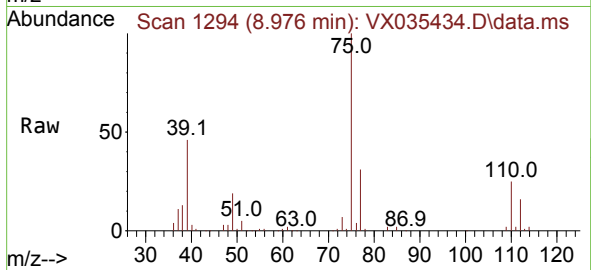




#53  
 t-1,3-Dichloropropene  
 Concen: 20.112 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. 0.000 min  
 Lab File: VX035434.D  
 Acq: 01 May 2023 12:46

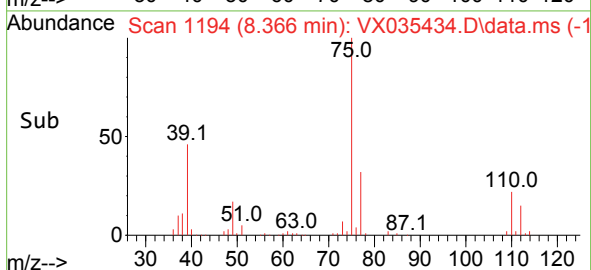
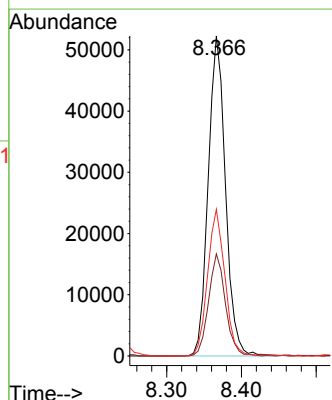
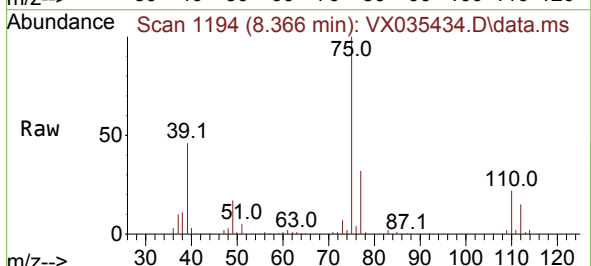
Instrument :  
 MSVOA\_X  
 ClientSampleId :

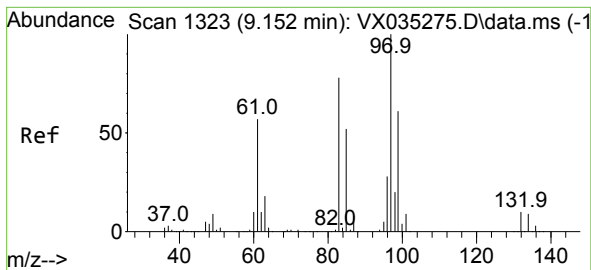
Tgt Ion: 75 Resp: 74245  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.113 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX035434.D  
 Acq: 01 May 2023 12:46

Tgt Ion: 75 Resp: 83921  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.0 37.4  
 39 45.8 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 19.679 ug/l

RT: 9.153 min Scan# 11

Delta R.T. 0.001 min

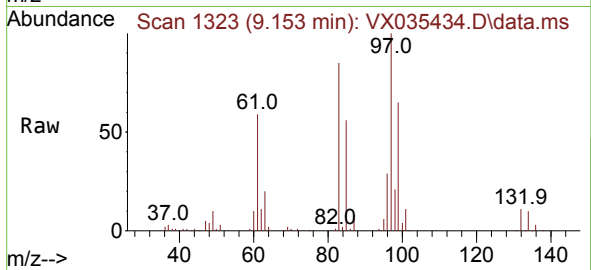
Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion: 97 Resp: 55104

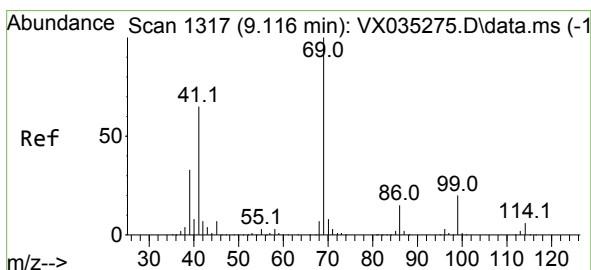
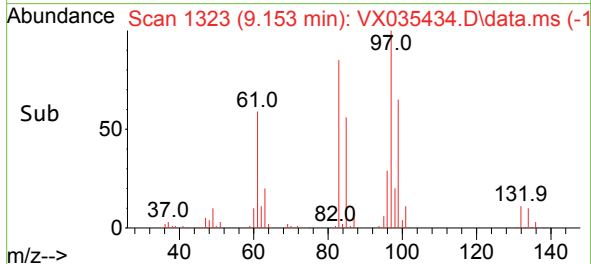
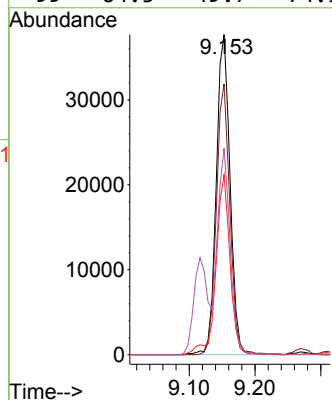
Ion Ratio Lower Upper

97 100

83 84.6 69.7 104.5

85 56.2 43.7 65.5

99 64.5 49.7 74.5



#56

Ethyl methacrylate

Concen: 20.212 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

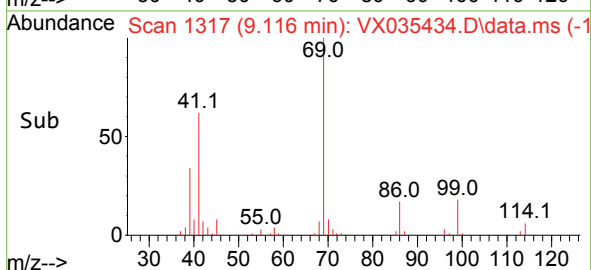
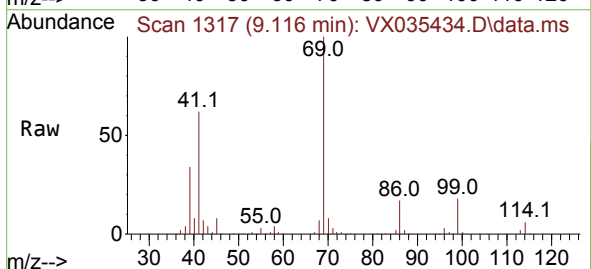
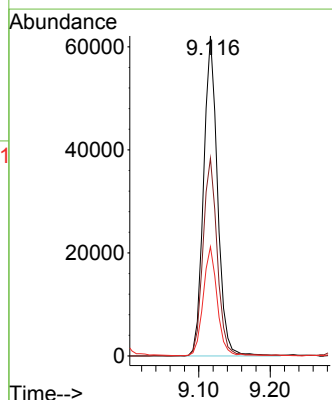
Tgt Ion: 69 Resp: 84313

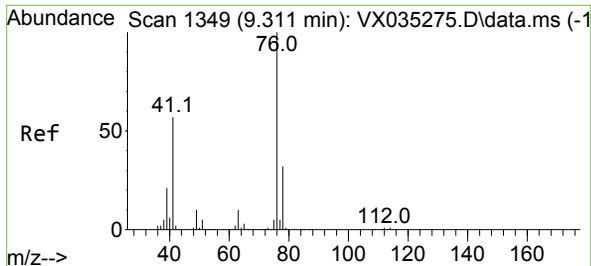
Ion Ratio Lower Upper

69 100

41 63.8 57.4 86.0

39 34.0 33.7 50.5





#57

1,3-Dichloropropane

Concen: 19.383 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

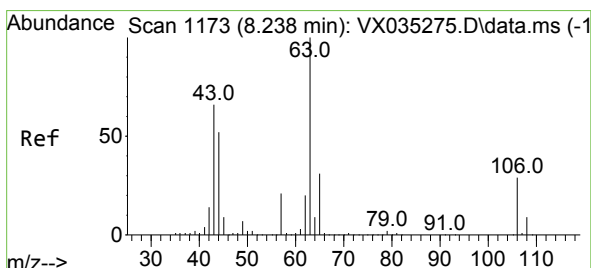
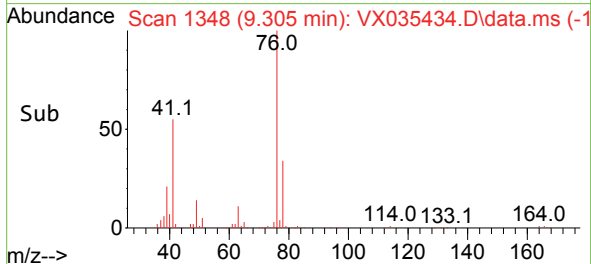
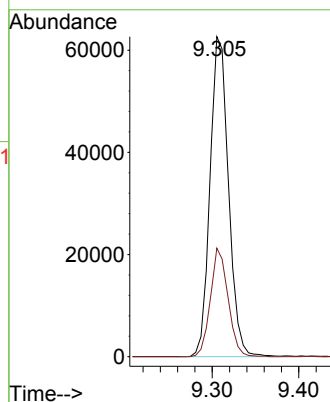
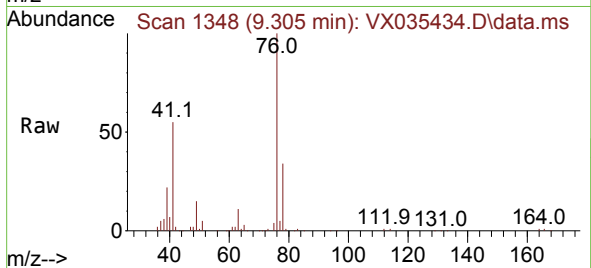
ClientSampleId :

Tgt Ion: 76 Resp: 92834

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 87.647 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035434.D

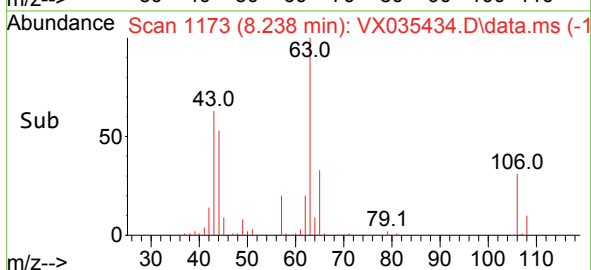
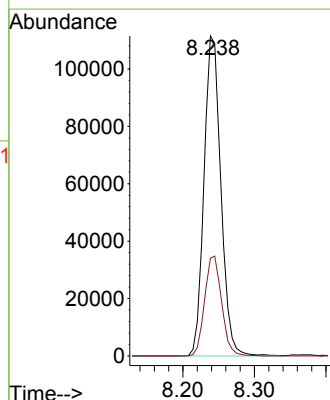
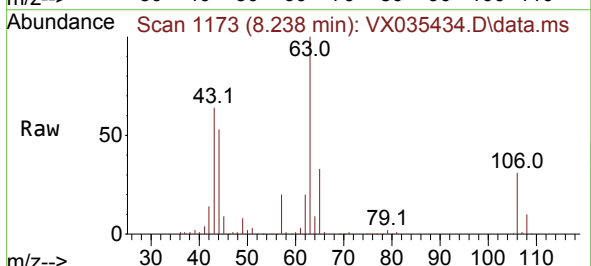
Acq: 01 May 2023 12:46

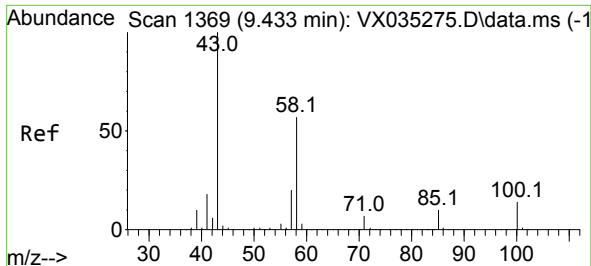
Tgt Ion: 63 Resp: 182810

Ion Ratio Lower Upper

63 100

106 31.4 22.2 33.2

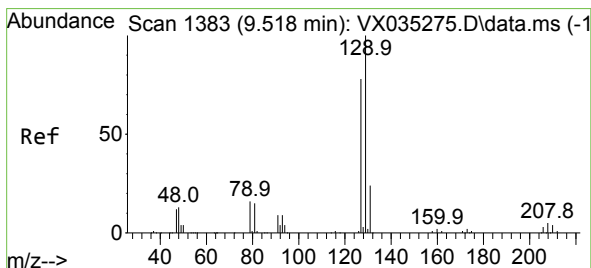
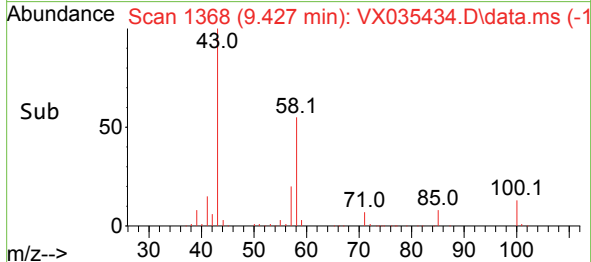
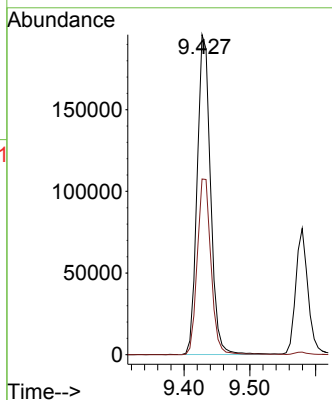
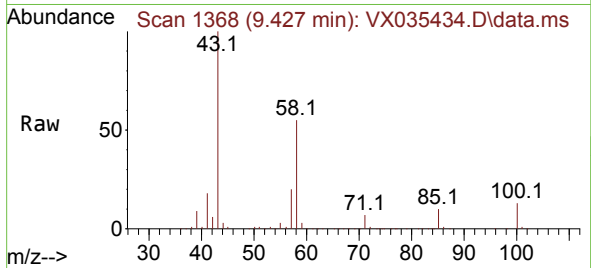




#59  
2-Hexanone  
Concen: 101.009 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.006 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

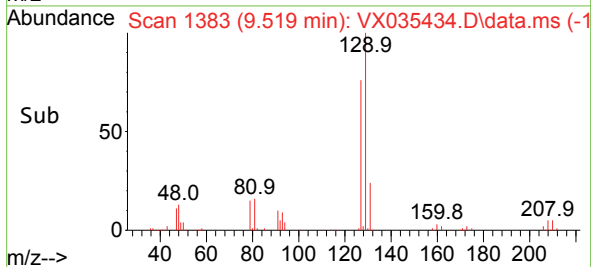
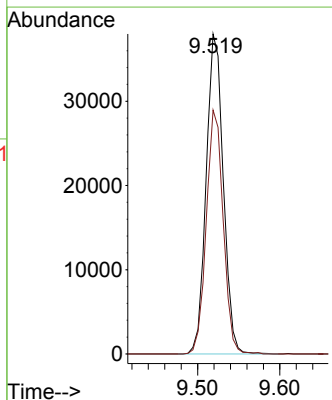
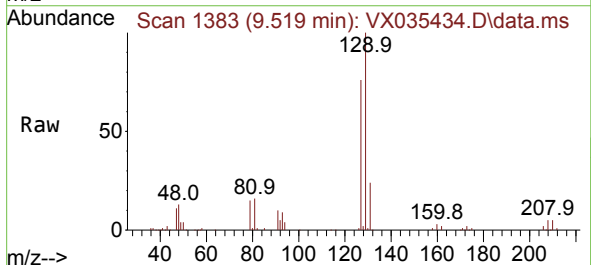
Instrument :  
MSVOA\_X  
ClientSampleId :

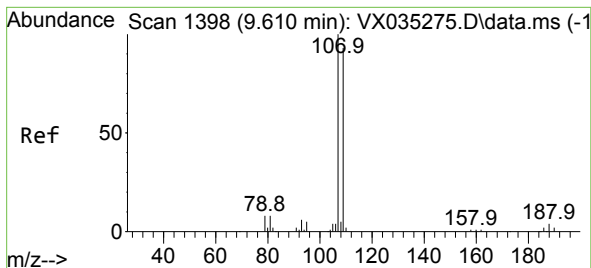
Tgt Ion: 43 Resp: 276383  
Ion Ratio Lower Upper  
43 100  
58 56.2 26.3 78.9



#60  
Dibromochloromethane  
Concen: 20.468 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion: 129 Resp: 54914  
Ion Ratio Lower Upper  
129 100  
127 75.3 39.0 117.0

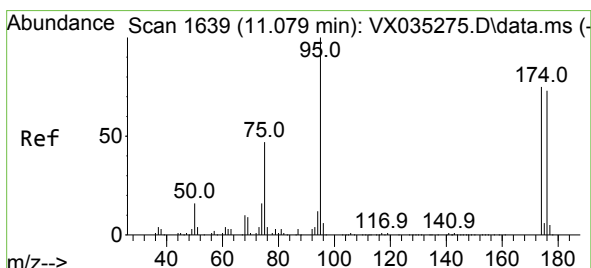
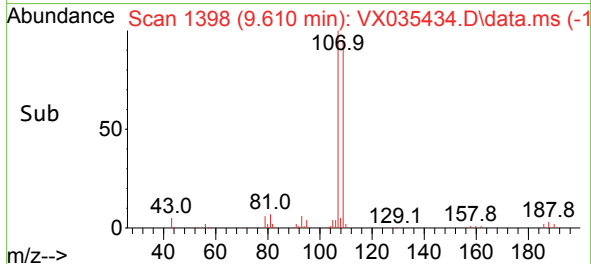
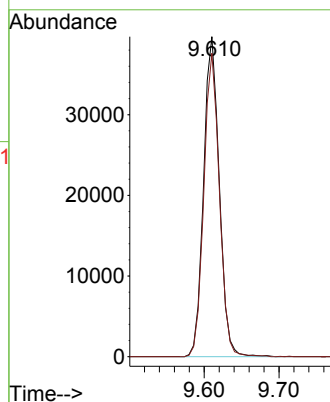
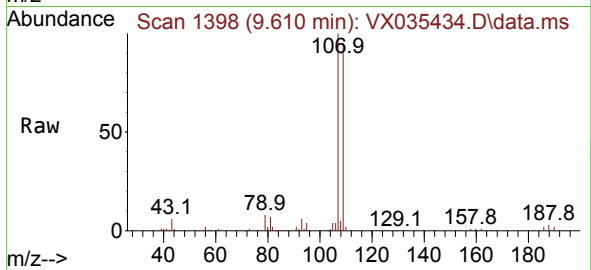




#61  
1,2-Dibromoethane  
Concen: 20.026 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

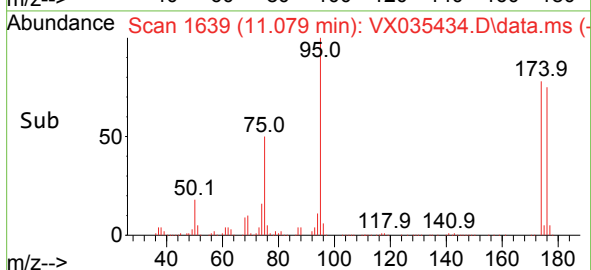
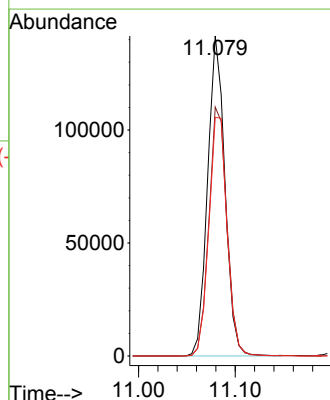
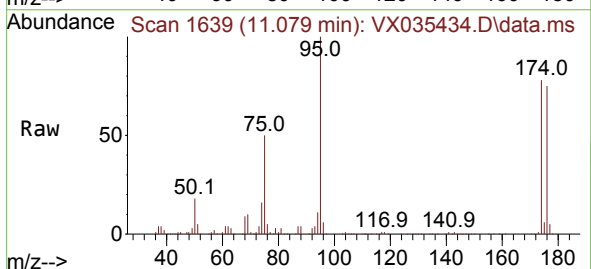
Instrument :  
MSVOA\_X  
ClientSampleId :

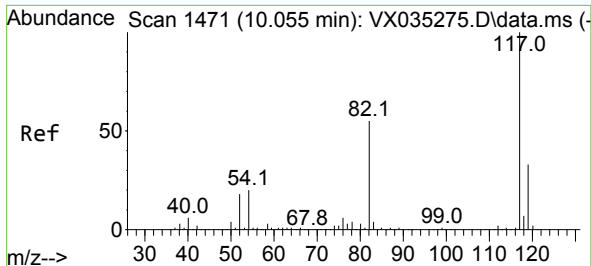
Tgt Ion:107 Resp: 57809  
Ion Ratio Lower Upper  
107 100  
109 94.1 75.3 112.9



#62  
4-Bromofluorobenzene  
Concen: 50.289 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion: 95 Resp: 176553  
Ion Ratio Lower Upper  
95 100  
174 80.9 0.0 147.4  
176 78.8 0.0 140.6

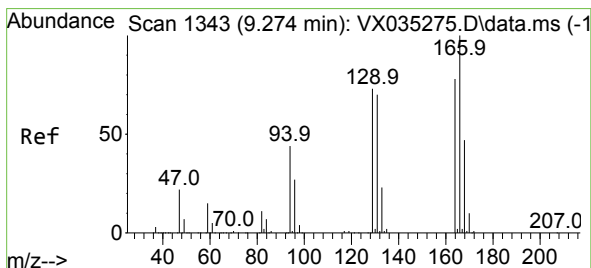
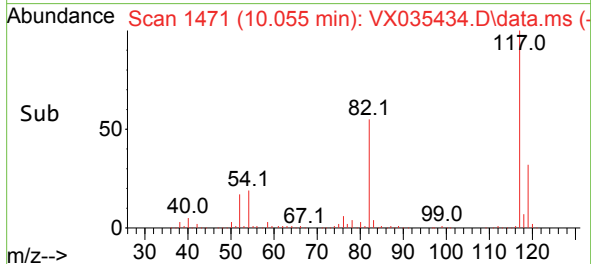
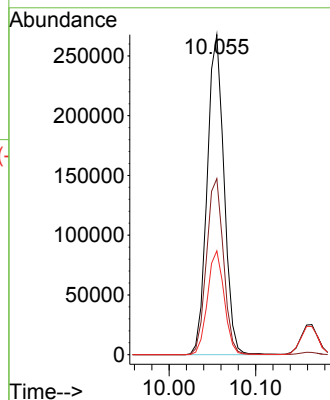
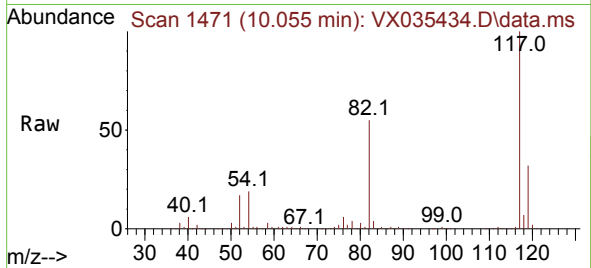




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

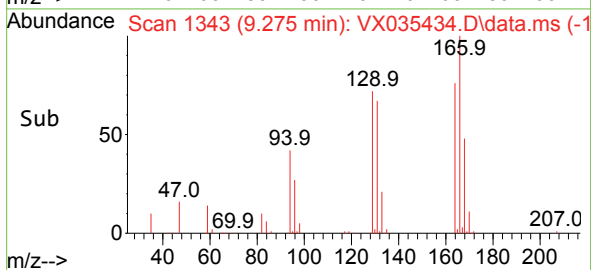
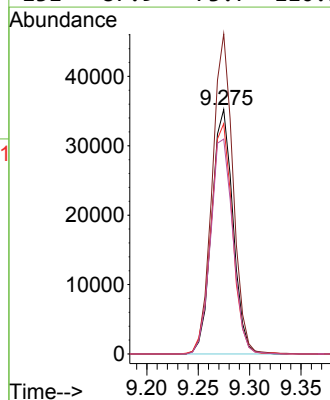
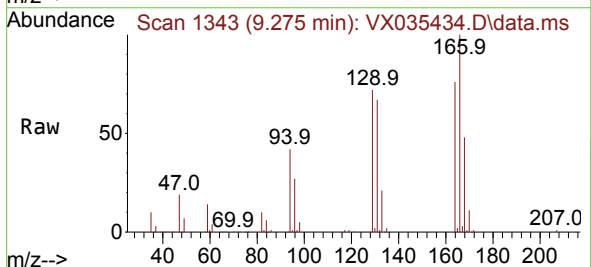
Instrument :  
MSVOA\_X  
ClientSampleId :

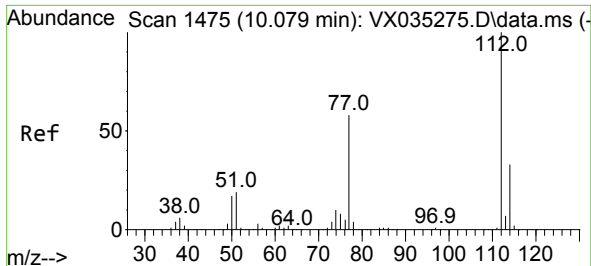
Tgt Ion:117 Resp: 361363  
Ion Ratio Lower Upper  
117 100  
82 55.0 45.0 67.4  
119 32.5 26.0 39.0



#64  
Tetrachloroethene  
Concen: 18.265 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion:164 Resp: 50537  
Ion Ratio Lower Upper  
164 100  
166 130.9 102.7 154.1  
129 94.1 75.6 113.4  
131 87.9 73.7 110.5

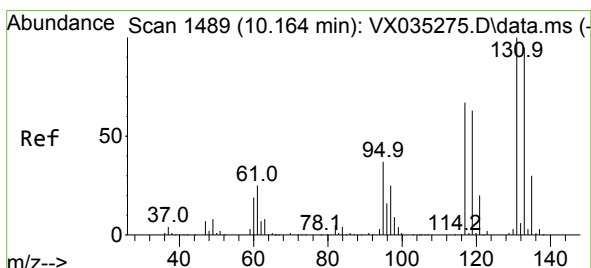
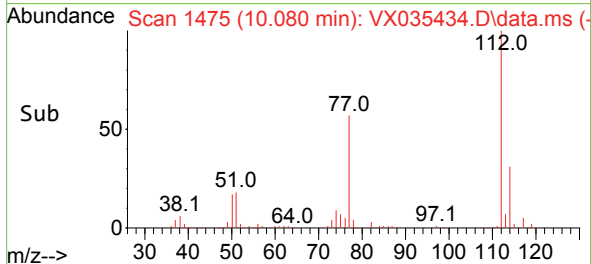
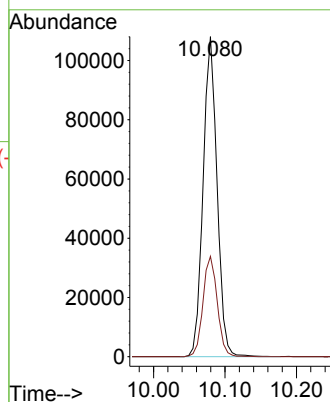
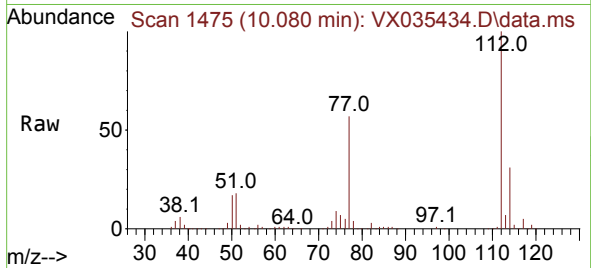




#65  
Chlorobenzene  
Concen: 18.688 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

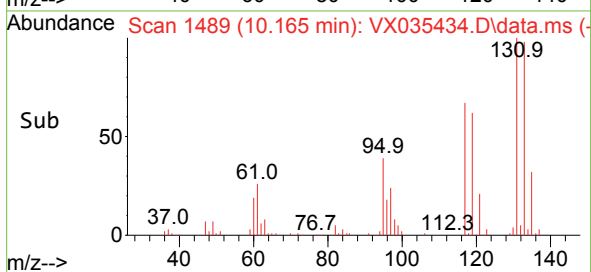
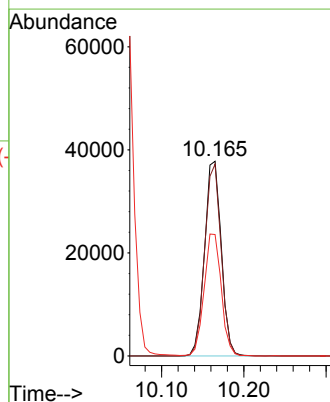
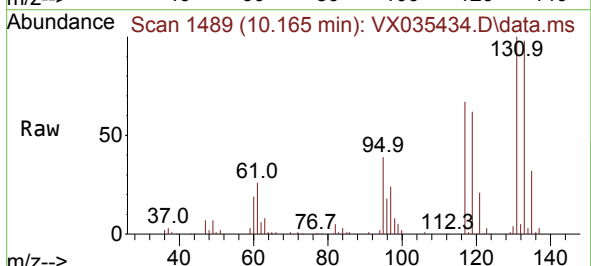
Instrument :  
MSVOA\_X  
ClientSampleId :

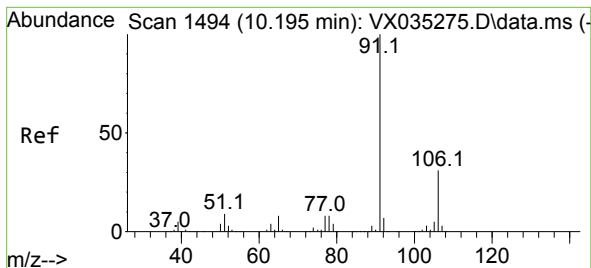
Tgt Ion:112 Resp: 146105  
Ion Ratio Lower Upper  
112 100  
114 31.4 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.670 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion:131 Resp: 53521  
Ion Ratio Lower Upper  
131 100  
133 96.3 47.1 141.4  
119 64.1 32.6 98.0





#67

Ethyl Benzene

Concen: 18.842 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

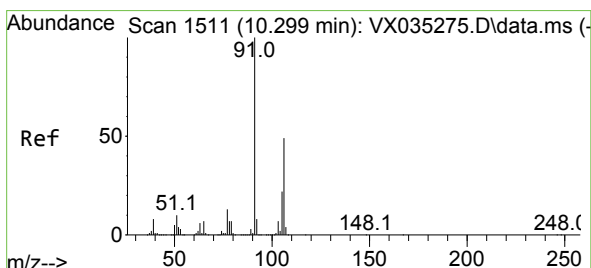
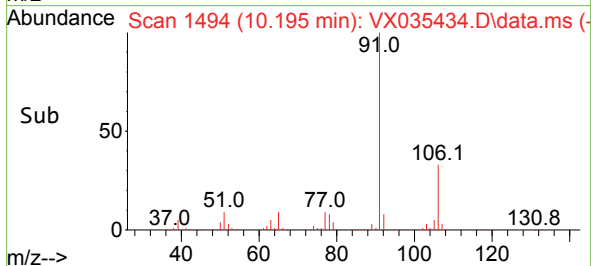
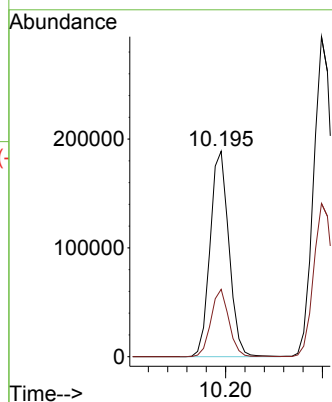
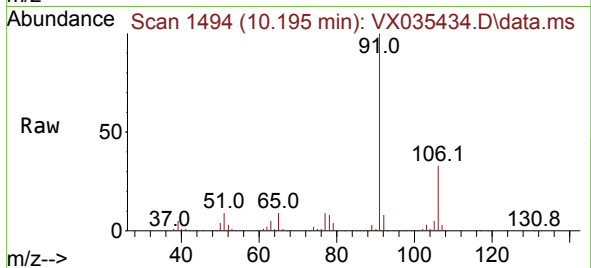
ClientSampleId :

Tgt Ion: 91 Resp: 255107

Ion Ratio Lower Upper

91 100

106 32.8 25.6 38.4



#68

m/p-Xylenes

Concen: 37.867 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX035434.D

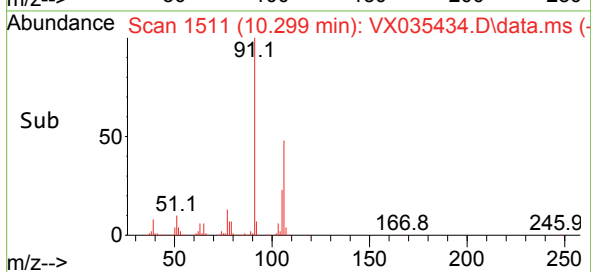
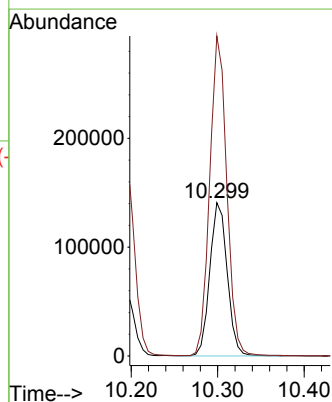
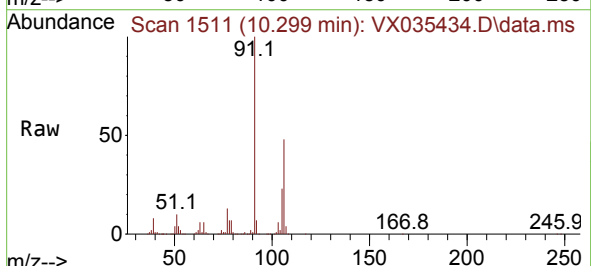
Acq: 01 May 2023 12:46

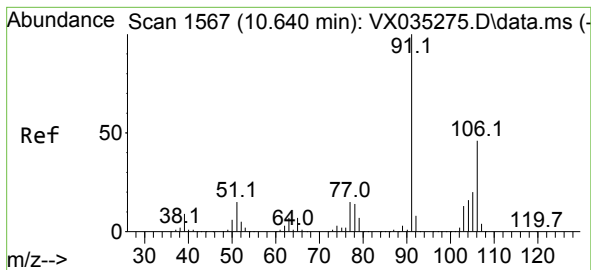
Tgt Ion:106 Resp: 196454

Ion Ratio Lower Upper

106 100

91 205.0 164.0 246.0

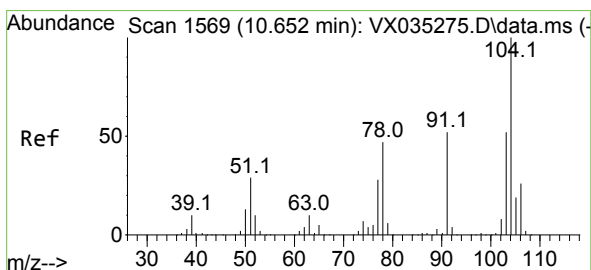
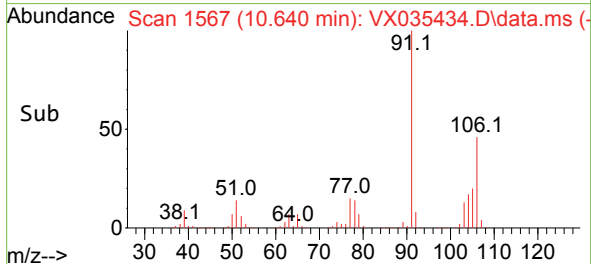
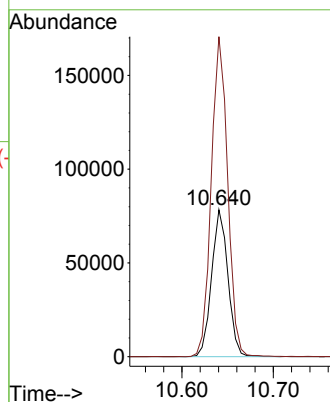
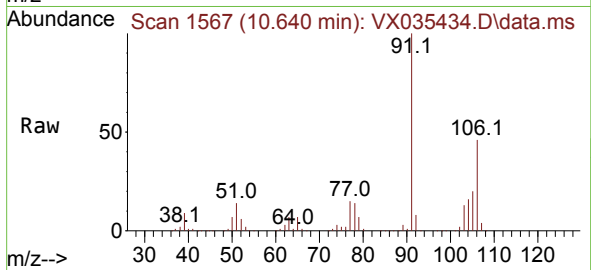




#69  
o-Xylene  
Concen: 19.070 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

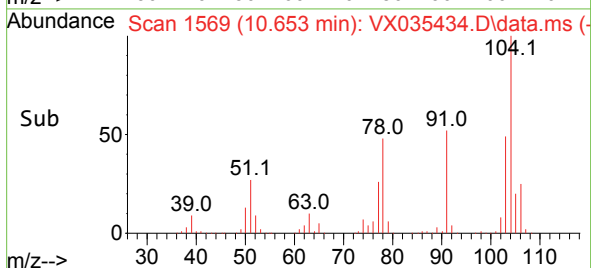
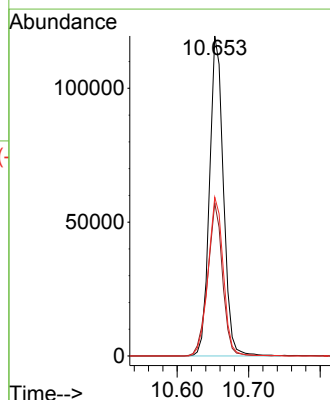
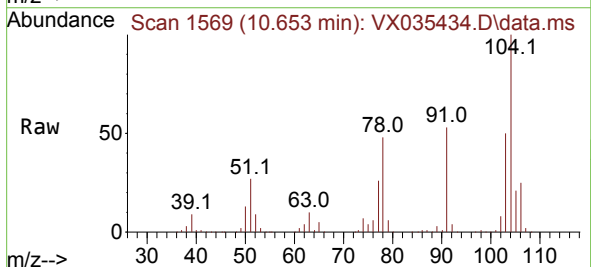
Instrument :  
MSVOA\_X  
ClientSampleId :

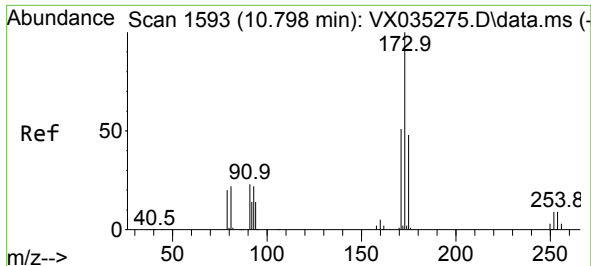
Tgt Ion:106 Resp: 97015  
Ion Ratio Lower Upper  
106 100  
91 218.6 108.5 325.3



#70  
Styrene  
Concen: 19.557 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion:104 Resp: 161317  
Ion Ratio Lower Upper  
104 100  
78 51.2 43.4 65.2  
103 54.6 44.2 66.2

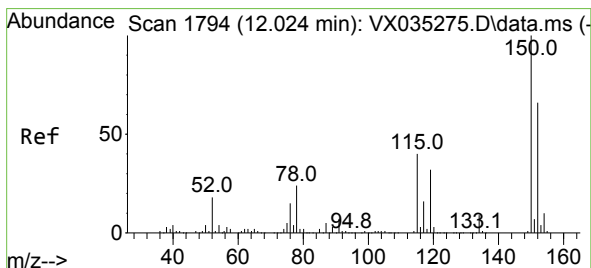
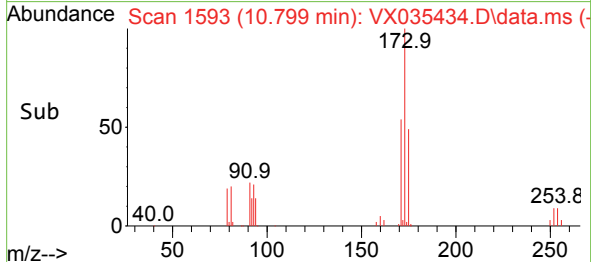
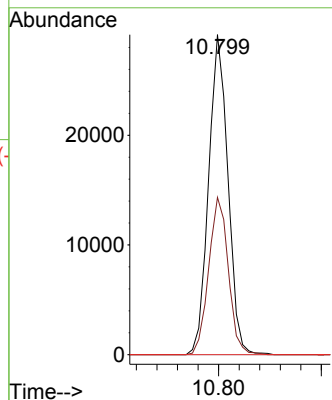
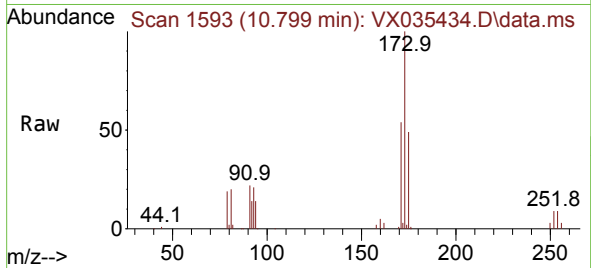




#71  
Bromoform  
Concen: 20.111 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

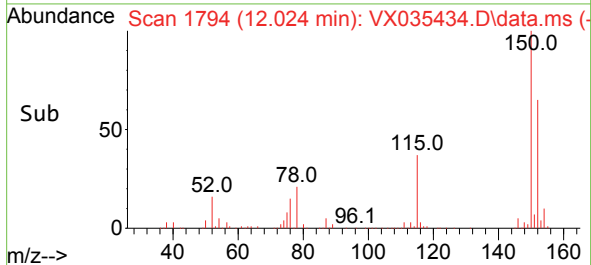
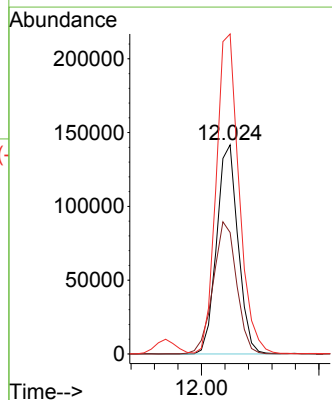
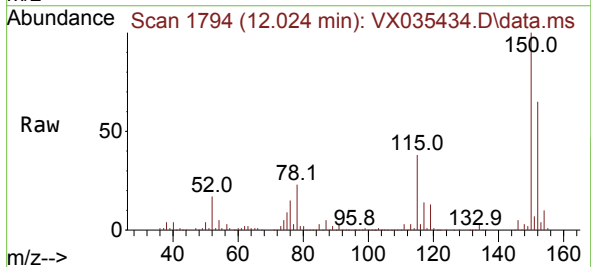
Instrument :  
MSVOA\_X  
ClientSampleId :

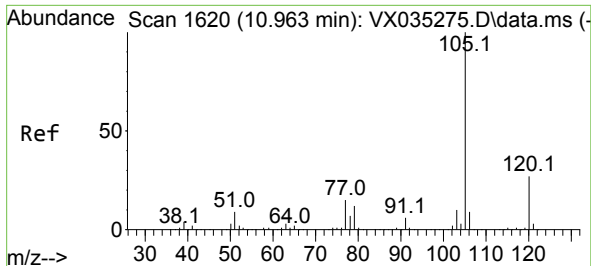
Tgt Ion:173 Resp: 38062  
Ion Ratio Lower Upper  
173 100  
175 49.9 24.1 72.4  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion:152 Resp: 179250  
Ion Ratio Lower Upper  
152 100  
115 69.0 45.0 135.0  
150 163.4 0.0 352.4

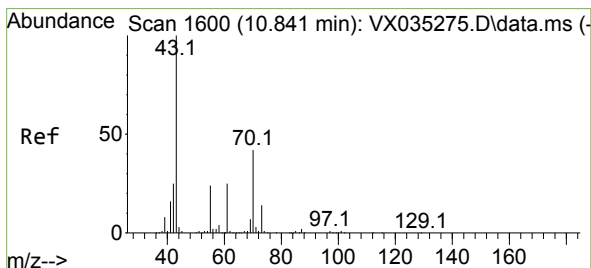
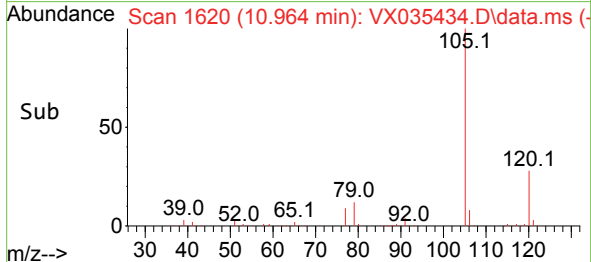
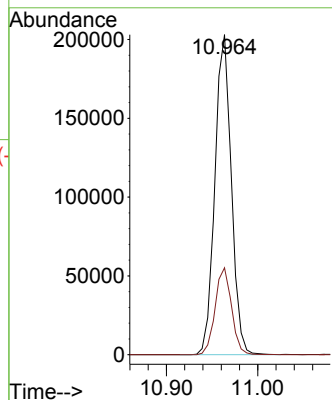
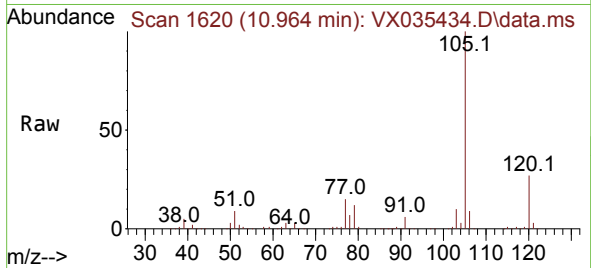




#73  
Isopropylbenzene  
Concen: 19.347 ug/l  
RT: 10.964 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

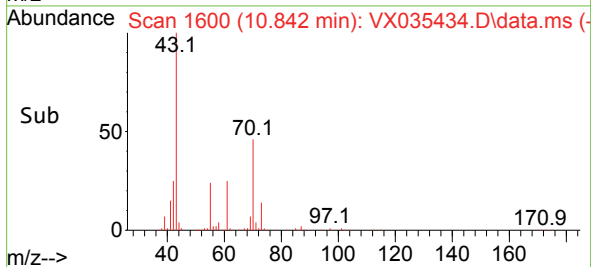
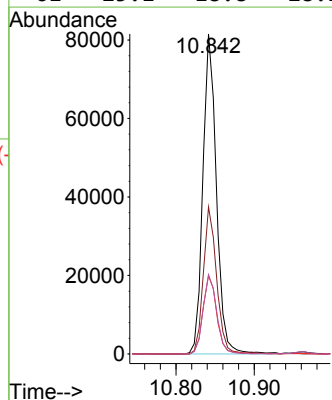
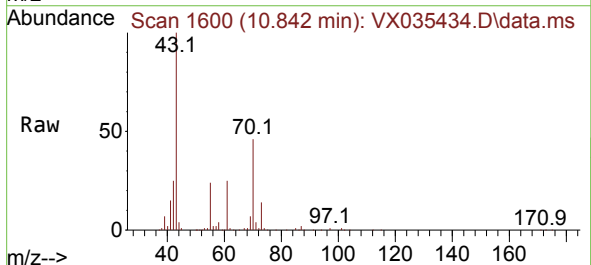
Instrument :  
MSVOA\_X  
ClientSampleId :

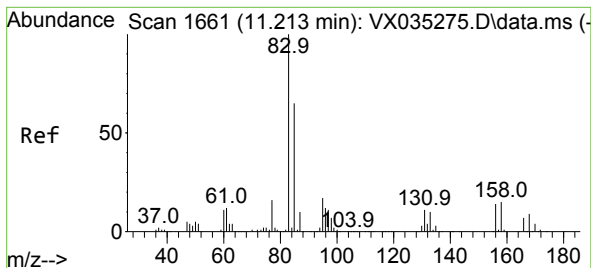
Tgt Ion:105 Resp: 253501  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.3 39.9



#74  
N-ethyl acetate  
Concen: 19.868 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion: 43 Resp: 97833  
Ion Ratio Lower Upper  
43 100  
70 44.9 32.1 48.1  
55 24.9 18.3 27.5  
61 25.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.091 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

ClientSampleId :

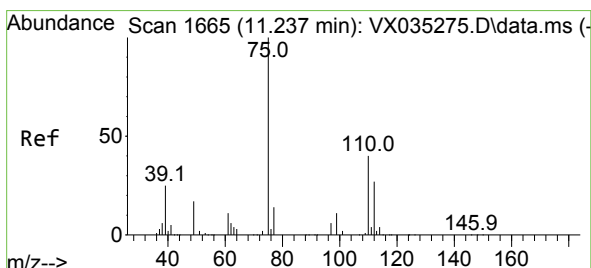
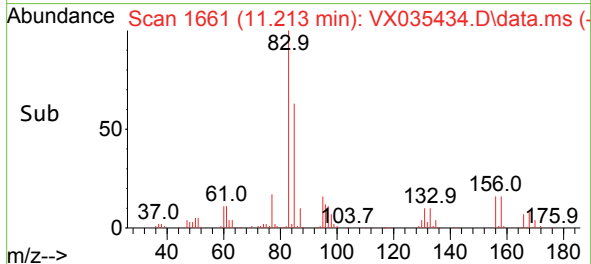
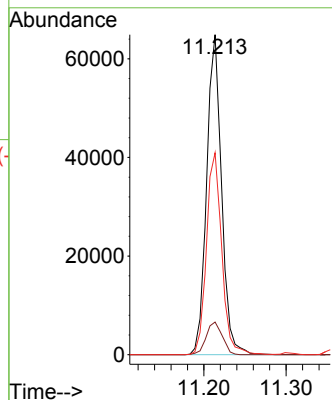
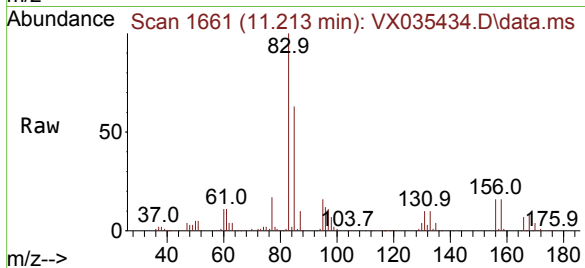
Tgt Ion: 83 Resp: 81710

Ion Ratio Lower Upper

83 100

131 11.0 4.8 14.3

85 64.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 23.495 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.001 min

Lab File: VX035434.D

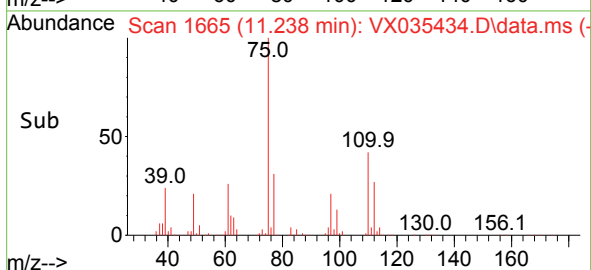
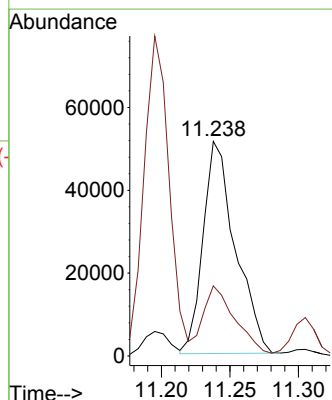
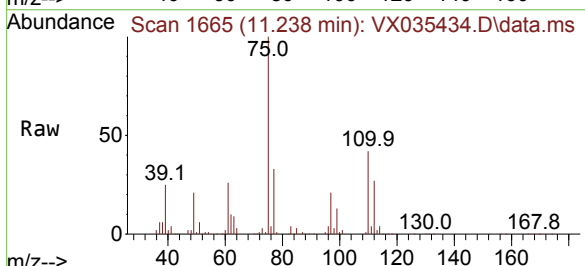
Acq: 01 May 2023 12:46

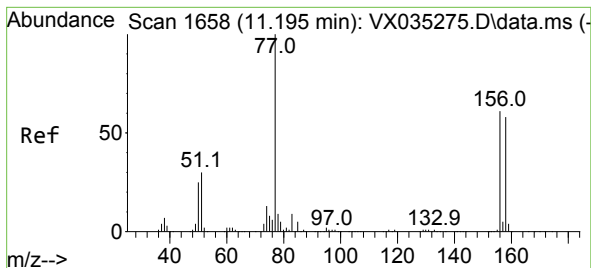
Tgt Ion: 75 Resp: 84010

Ion Ratio Lower Upper

75 100

77 33.3 21.6 64.8





#77

Bromobenzene

Concen: 19.423 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

ClientSampleId :

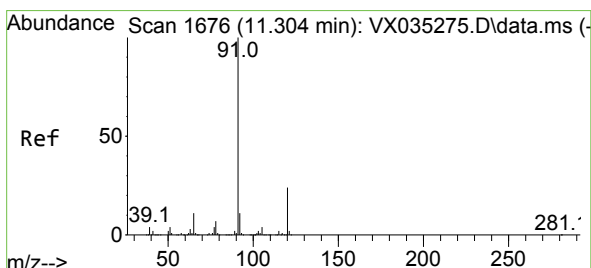
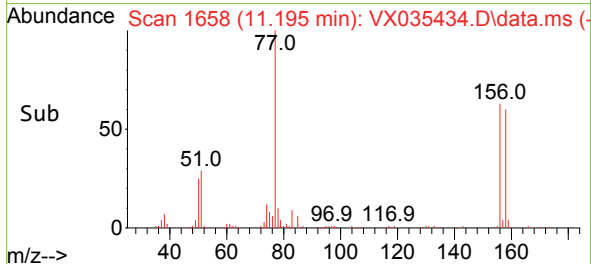
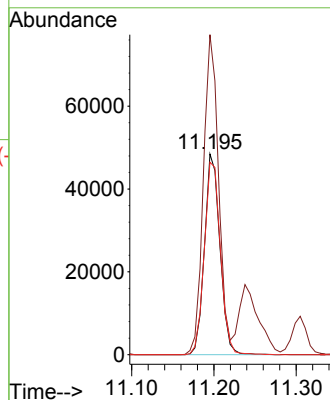
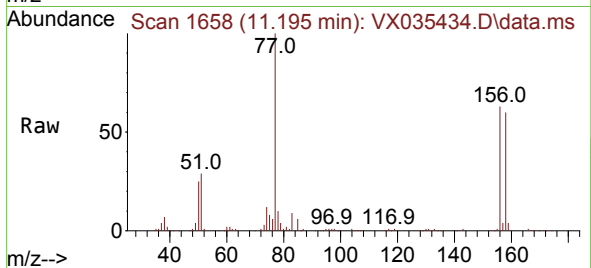
Tgt Ion:156 Resp: 63261

Ion Ratio Lower Upper

156 100

77 157.0 86.7 259.9

158 100.5 48.0 144.0



#78

n-propylbenzene

Concen: 19.126 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX035434.D

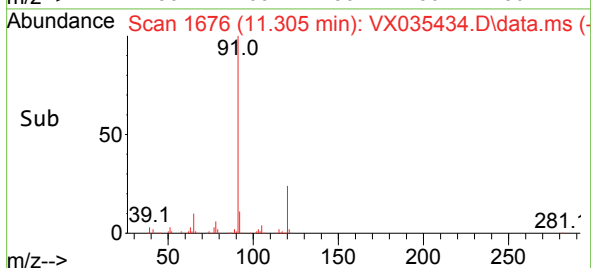
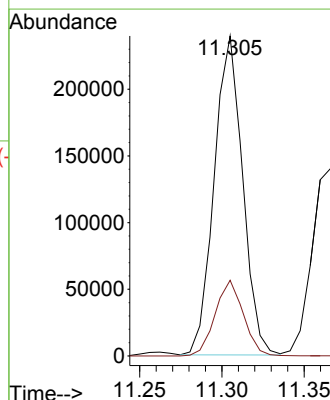
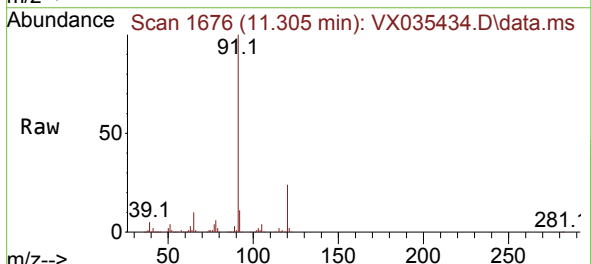
Acq: 01 May 2023 12:46

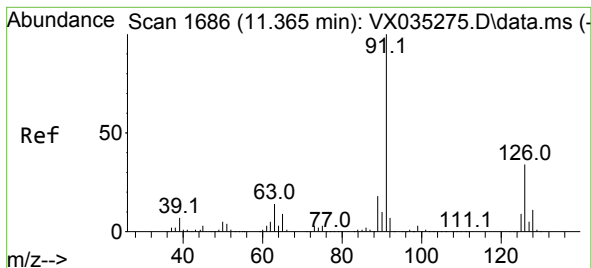
Tgt Ion: 91 Resp: 287823

Ion Ratio Lower Upper

91 100

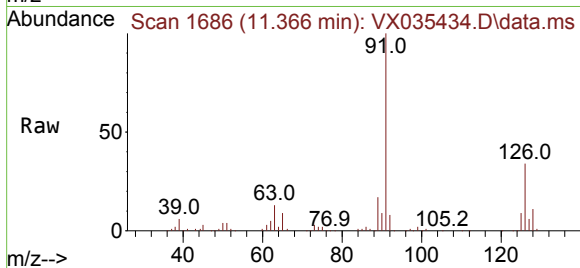
120 23.6 11.5 34.5



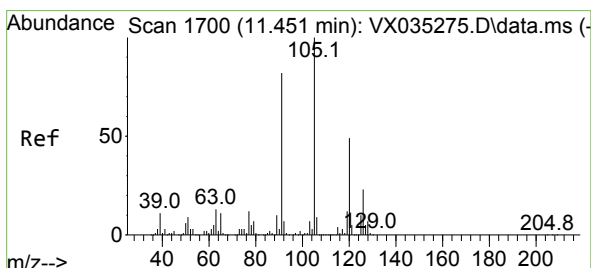
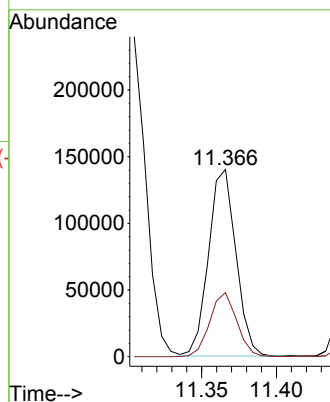
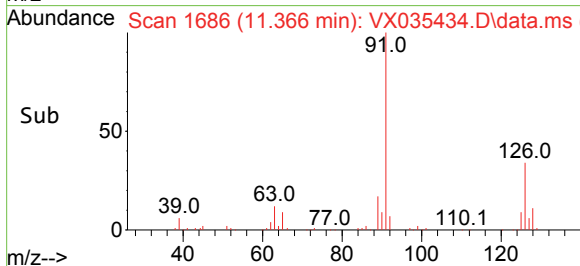


#79  
2-Chlorotoluene  
Concen: 18.959 ug/l  
RT: 11.366 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Instrument :  
MSVOA\_X  
ClientSampleId :

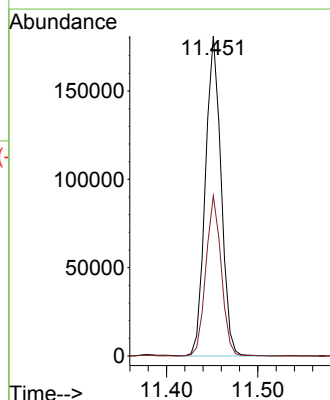
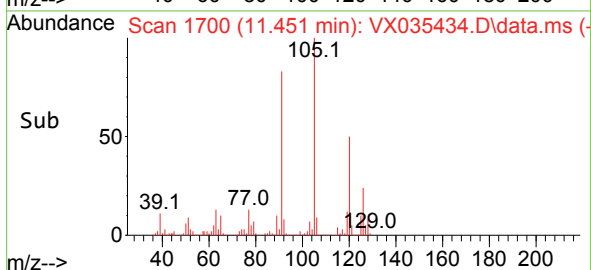
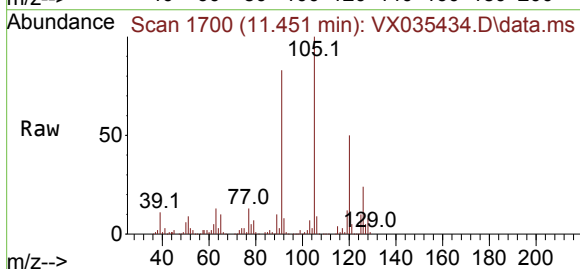


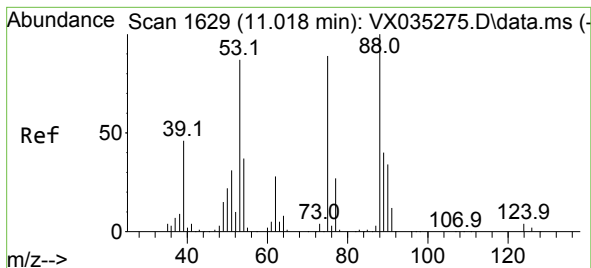
Tgt Ion: 91 Resp: 178279  
Ion Ratio Lower Upper  
91 100  
126 33.9 16.3 48.9



#80  
1,3,5-Trimethylbenzene  
Concen: 19.468 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion: 105 Resp: 215084  
Ion Ratio Lower Upper  
105 100  
120 49.0 23.7 71.1

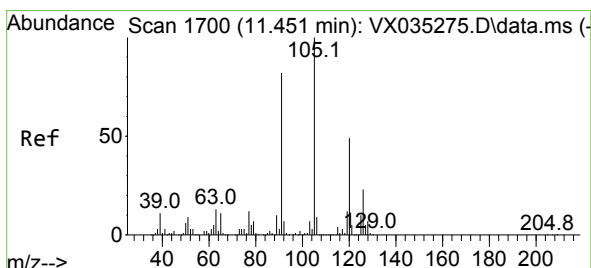
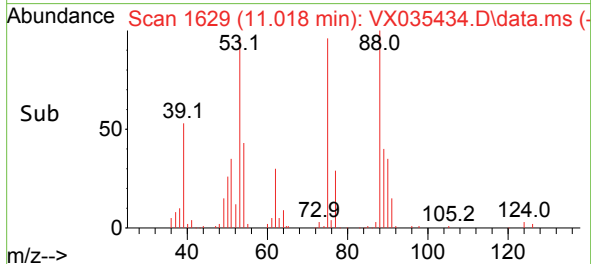
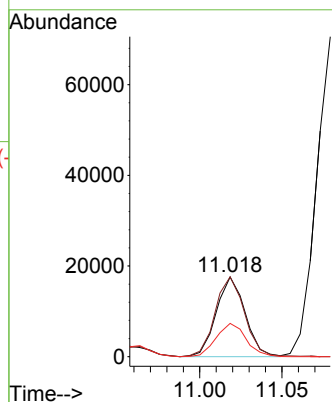
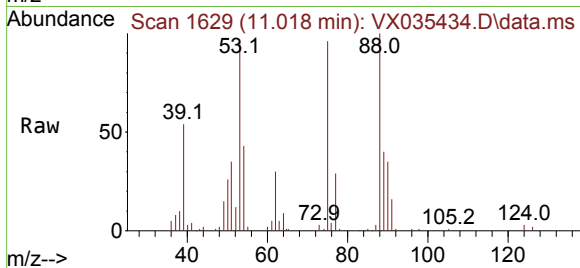




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.391 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

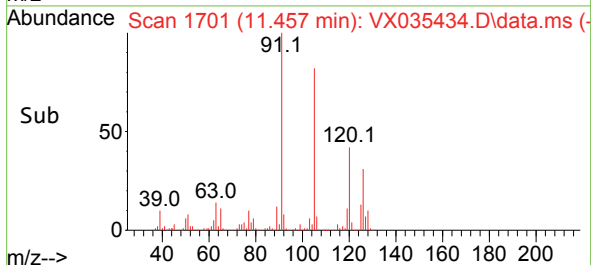
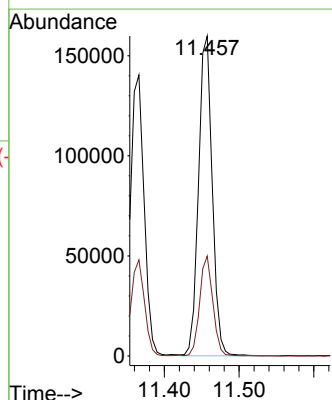
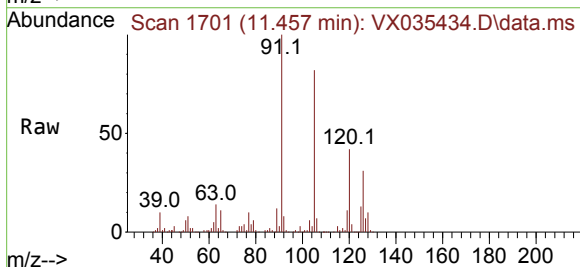
Instrument :  
MSVOA\_X  
ClientSampleId :

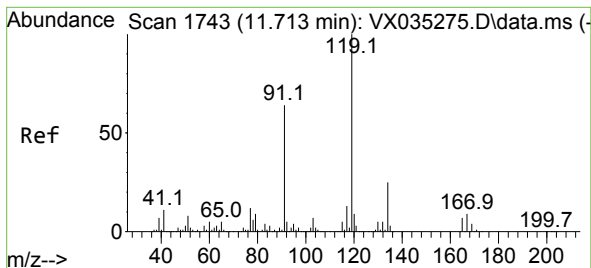
Tgt Ion: 75 Resp: 21408  
Ion Ratio Lower Upper  
75 100  
53 102.3 82.6 124.0  
89 43.4 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 19.231 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion: 91 Resp: 203111  
Ion Ratio Lower Upper  
91 100  
126 30.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.033 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

ClientSampleId :

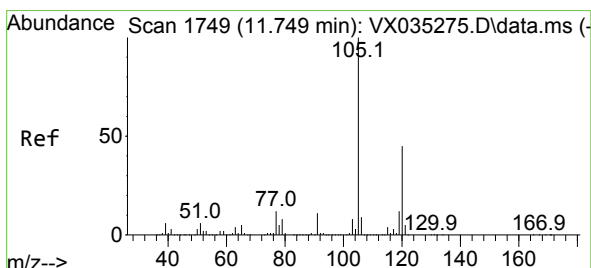
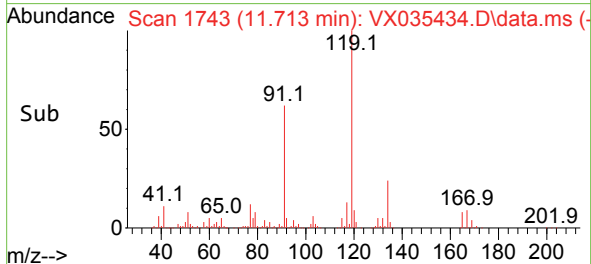
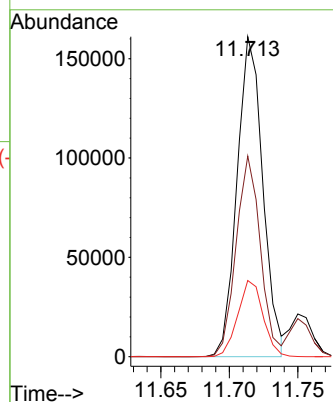
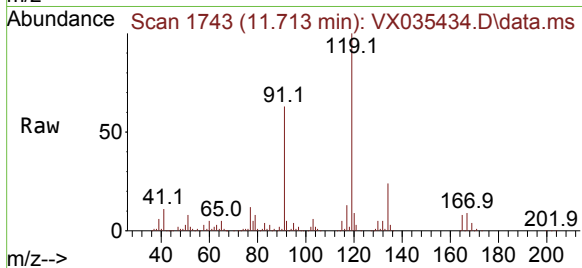
Tgt Ion:119 Resp: 210993

Ion Ratio Lower Upper

119 100

91 59.4 30.6 92.0

134 23.5 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 19.556 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX035434.D

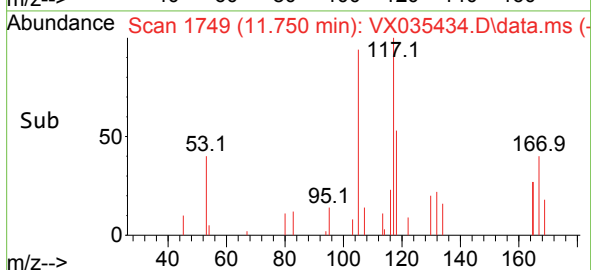
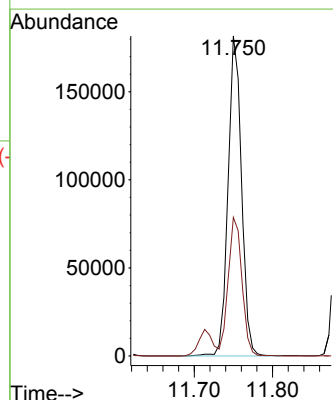
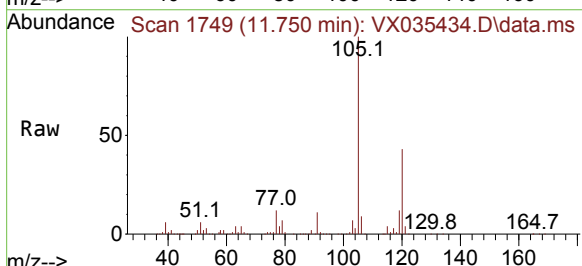
Acq: 01 May 2023 12:46

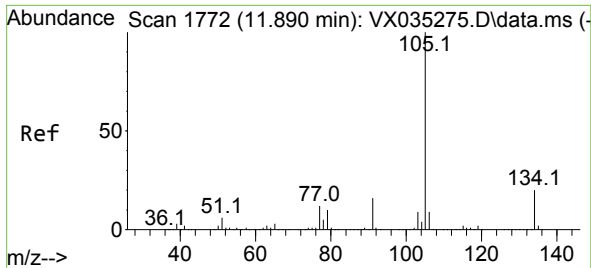
Tgt Ion:105 Resp: 217089

Ion Ratio Lower Upper

105 100

120 44.2 22.4 67.0

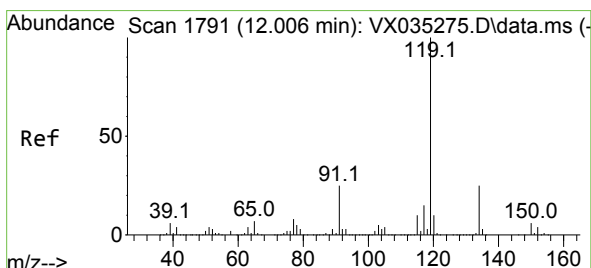
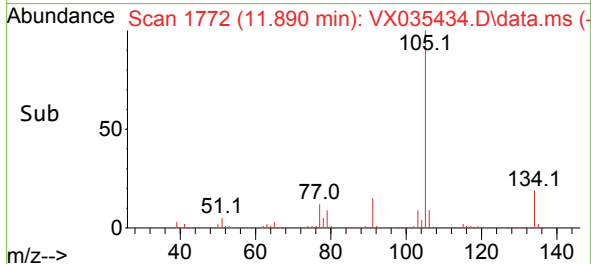
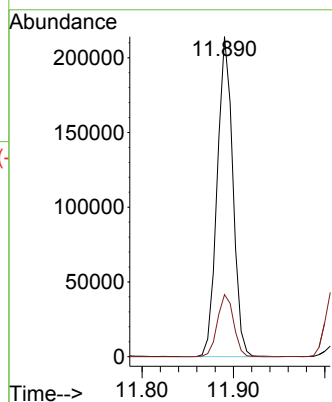
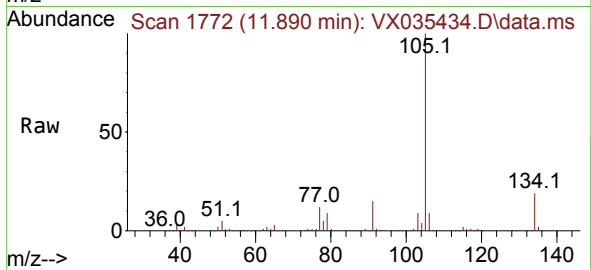




#85  
 sec-Butylbenzene  
 Concen: 18.711 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX035434.D  
 Acq: 01 May 2023 12:46

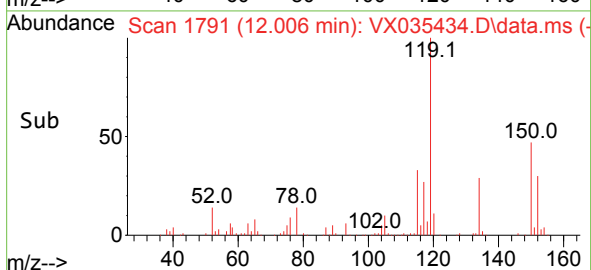
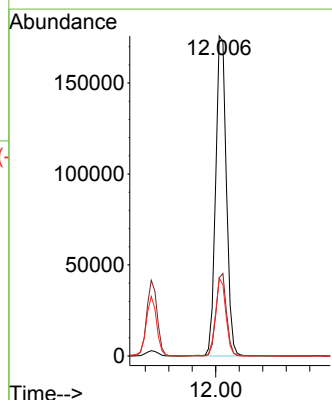
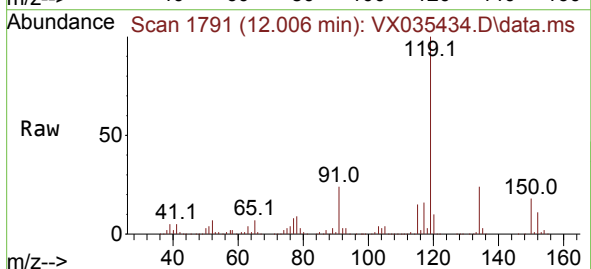
Instrument :  
 MSVOA\_X  
 ClientSampleId :

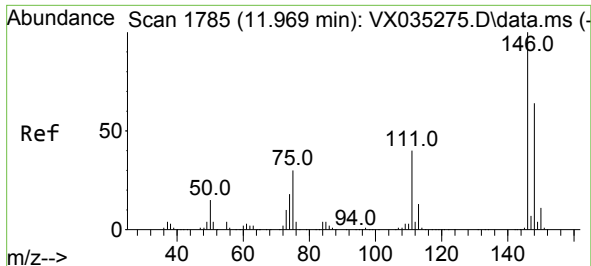
Tgt Ion:105 Resp: 254427  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 19.248 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX035434.D  
 Acq: 01 May 2023 12:46

Tgt Ion:119 Resp: 222603  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 13.2 39.5  
 91 23.5 12.9 38.7

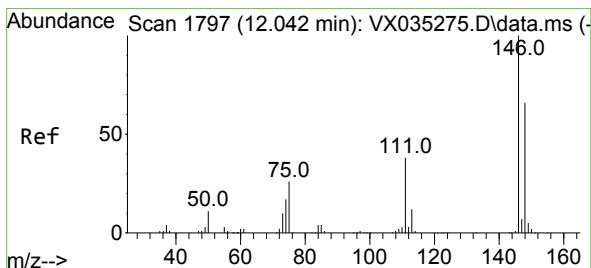
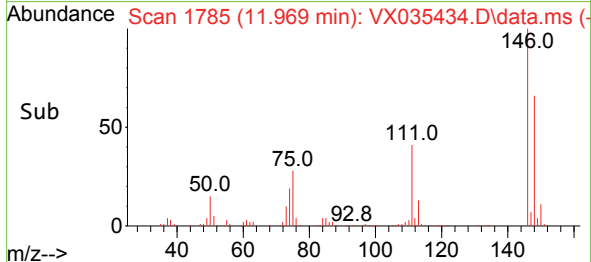
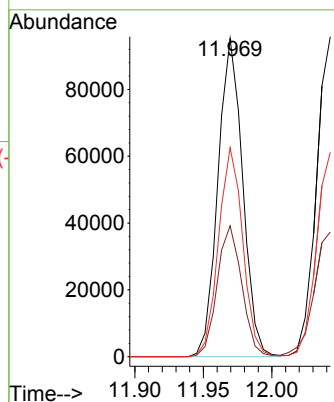
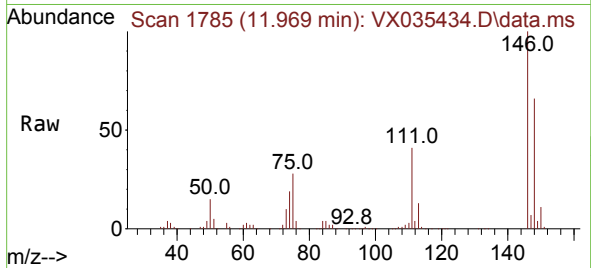




#87  
1,3-Dichlorobenzene  
Concen: 19.278 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

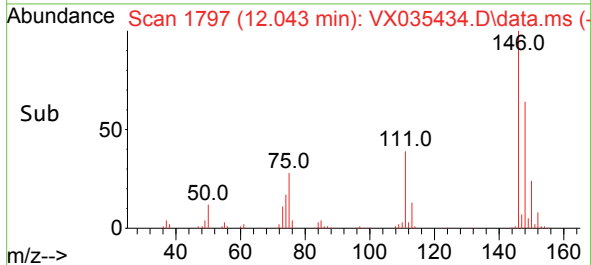
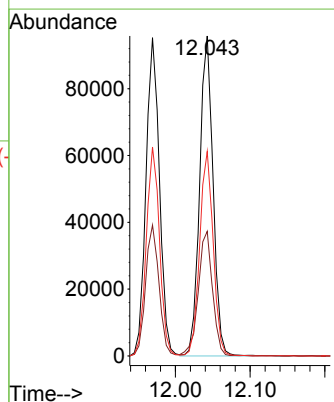
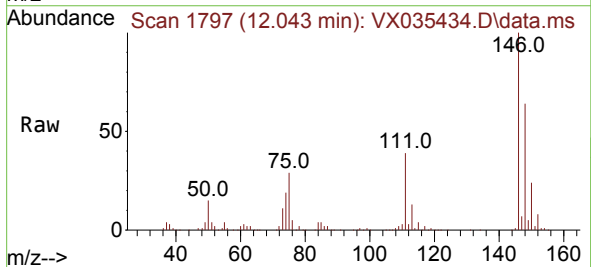
Instrument :  
MSVOA\_X  
ClientSampleId :

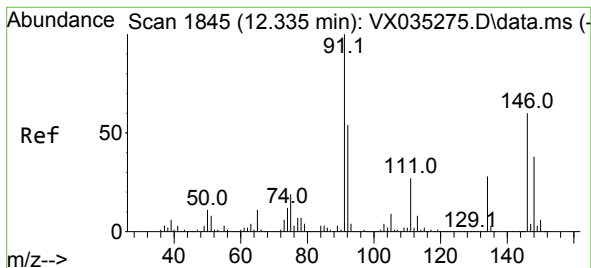
Tgt Ion:146 Resp: 119326  
Ion Ratio Lower Upper  
146 100  
111 40.9 20.9 62.8  
148 64.6 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 18.373 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.001 min  
Lab File: VX035434.D  
Acq: 01 May 2023 12:46

Tgt Ion:146 Resp: 119241  
Ion Ratio Lower Upper  
146 100  
111 41.4 20.6 61.9  
148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 17.858 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

ClientSampleId :

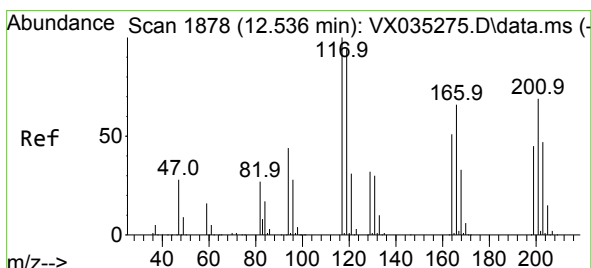
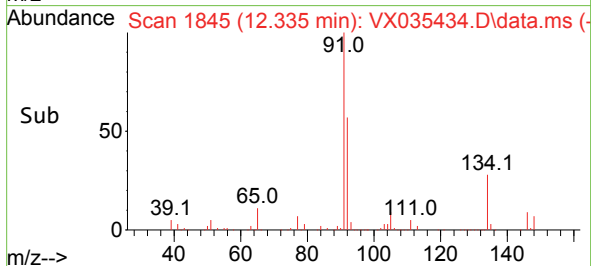
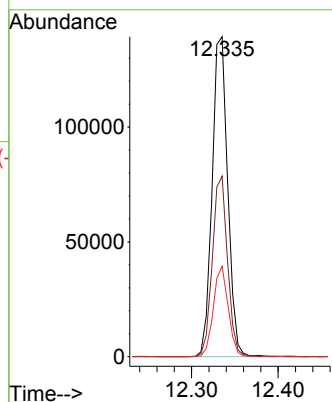
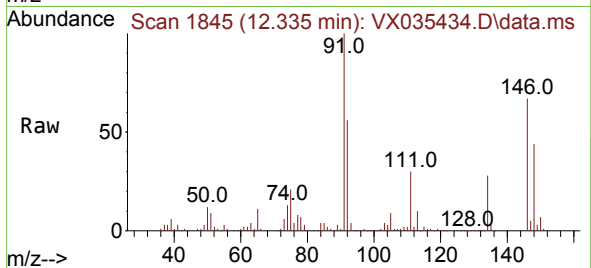
Tgt Ion: 91 Resp: 174346

Ion Ratio Lower Upper

91 100

92 55.1 27.7 83.0

134 26.9 13.0 38.9



#90

Hexachloroethane

Concen: 18.644 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035434.D

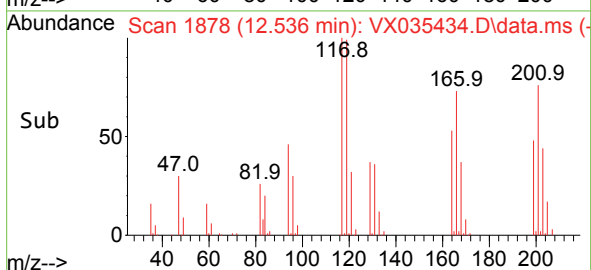
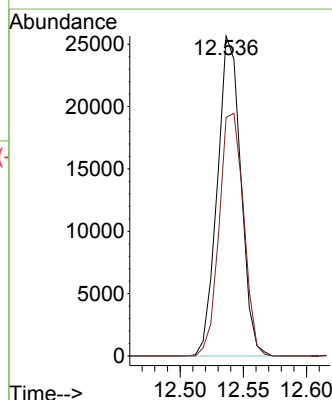
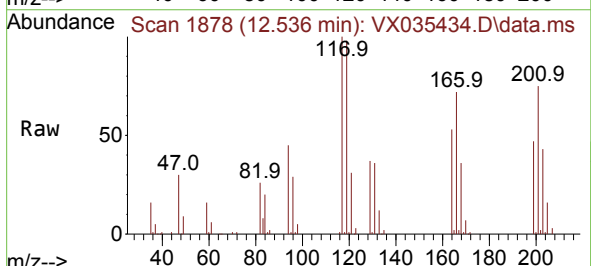
Acq: 01 May 2023 12:46

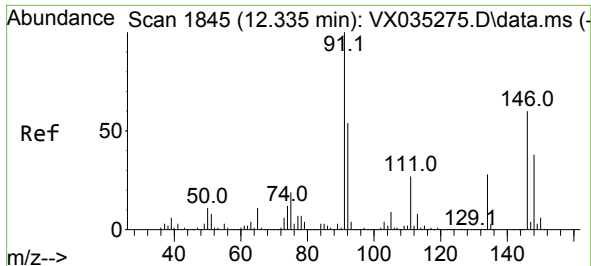
Tgt Ion: 117 Resp: 33006

Ion Ratio Lower Upper

117 100

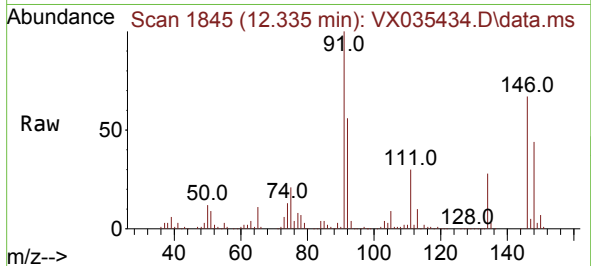
201 79.1 34.4 103.1



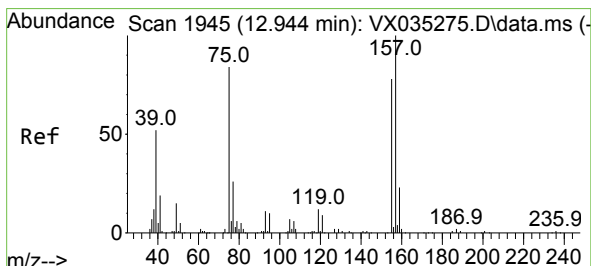
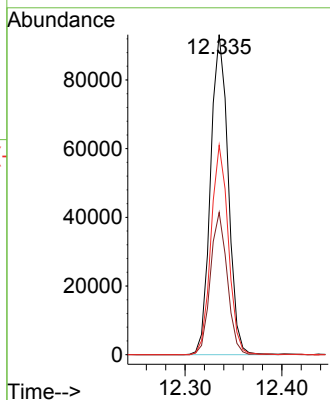
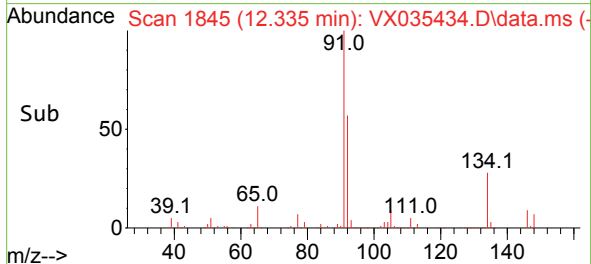


#91  
 1,2-Dichlorobenzene  
 Concen: 19.055 ug/l  
 RT: 12.335 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: VX035434.D  
 Acq: 01 May 2023 12:46

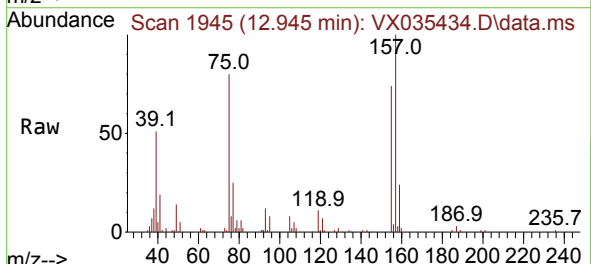
Instrument :  
 MSVOA\_X  
 ClientSampleId :



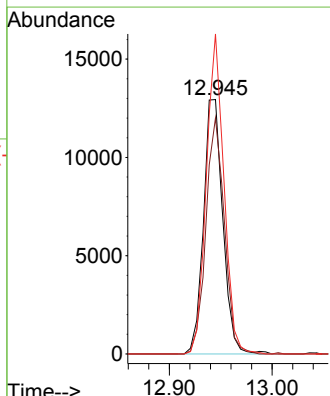
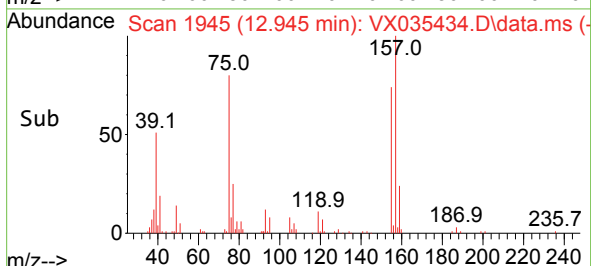
Tgt Ion:146 Resp: 117966  
 Ion Ratio Lower Upper  
 146 100  
 111 42.6 22.0 66.0  
 148 64.4 32.0 96.0

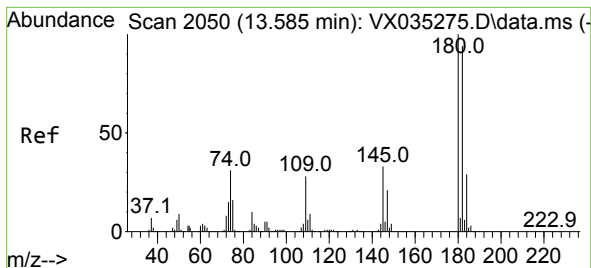


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.720 ug/l  
 RT: 12.945 min Scan# 1945  
 Delta R.T. 0.001 min  
 Lab File: VX035434.D  
 Acq: 01 May 2023 12:46



Tgt Ion: 75 Resp: 16897  
 Ion Ratio Lower Upper  
 75 100  
 155 88.9 38.4 115.1  
 157 114.5 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 19.067 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

ClientSampleId :

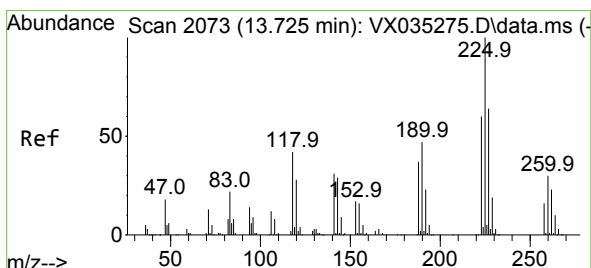
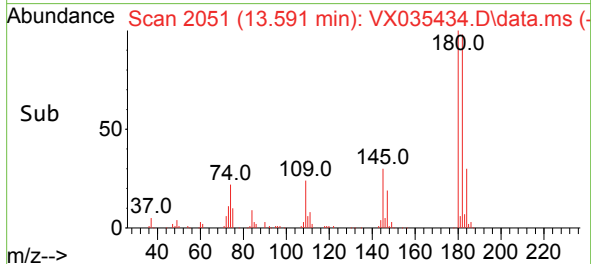
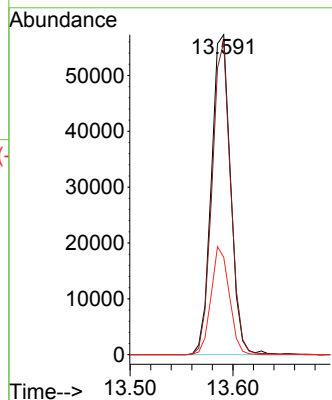
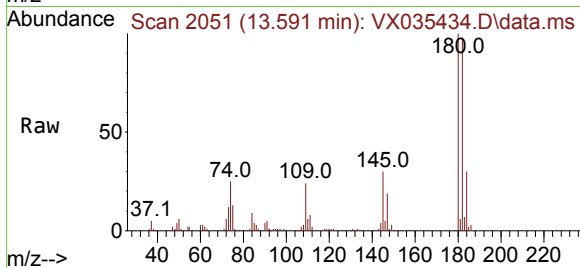
Tgt Ion:180 Resp: 74197

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.0

145 31.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 18.155 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

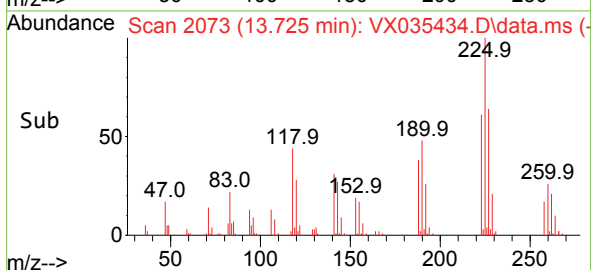
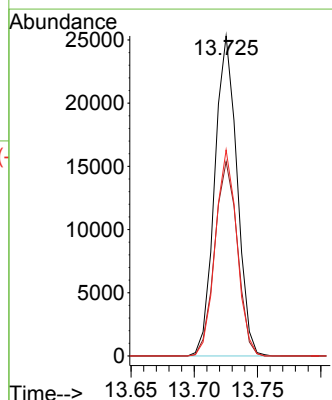
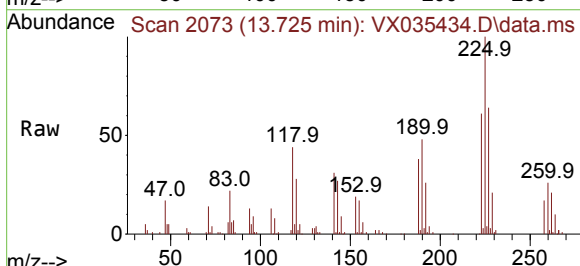
Tgt Ion:225 Resp: 31006

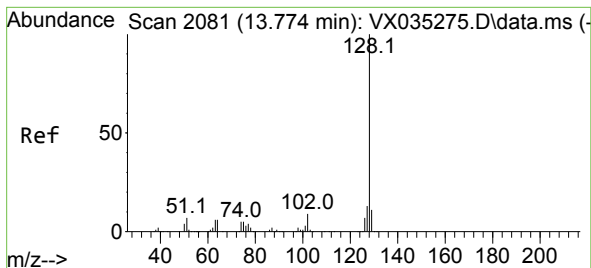
Ion Ratio Lower Upper

225 100

223 61.6 32.1 96.5

227 62.1 31.8 95.4





#95

Naphthalene

Concen: 21.061 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Instrument :

MSVOA\_X

ClientSampleId :

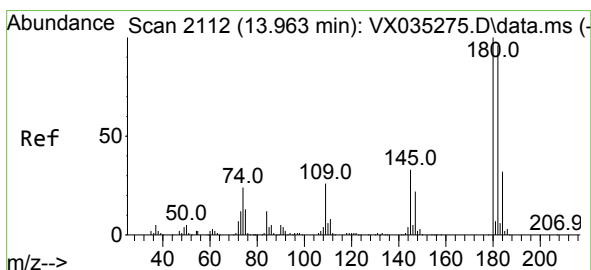
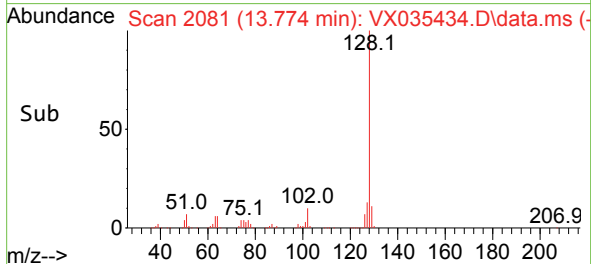
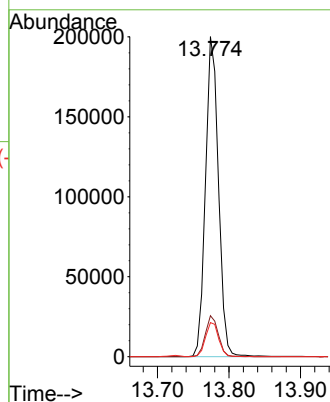
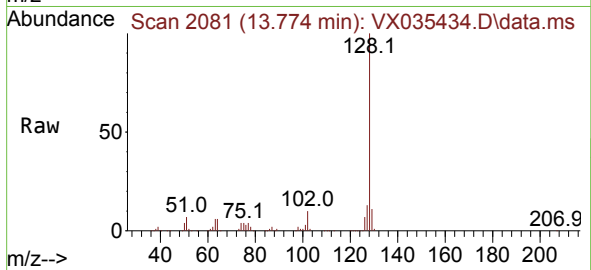
Tgt Ion:128 Resp: 252308

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.936 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035434.D

Acq: 01 May 2023 12:46

Tgt Ion:180 Resp: 74180

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.2

145 34.8 17.7 53.1

