

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092223\  
 Data File : VX037866.D  
 Acq On : 22 Sep 2023 10:08  
 Operator : JC/MD  
 Sample : VX0922WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 23 01:20:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 242818   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 400874   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 384114   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 208426   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 164220   | 51.475   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | = 102.960% |          |
| 35) Dibromofluoromethane     | 5.391  | 113   | 140523   | 52.390   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 104.780% |          |
| 50) Toluene-d8               | 8.647  | 98    | 521855   | 52.362   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | = 104.720% |          |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 197157   | 54.440   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 108.880% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 45036    | 17.597   | ug/l       | 100      |
| 3) Chloromethane             | 1.301  | 50    | 48134    | 17.285   | ug/l       | 98       |
| 4) Vinyl Chloride            | 1.374  | 62    | 53176    | 17.700   | ug/l       | 98       |
| 5) Bromomethane              | 1.612  | 94    | 42488    | 19.755   | ug/l       | 100      |
| 6) Chloroethane              | 1.691  | 64    | 36657    | 17.712   | ug/l       | 98       |
| 7) Trichlorofluoromethane    | 1.892  | 101   | 91310    | 18.905   | ug/l       | 100      |
| 8) Diethyl Ether             | 2.136  | 74    | 33728    | 18.025   | ug/l       | 85       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 47007    | 19.178   | ug/l       | 96       |
| 10) Methyl Iodide            | 2.453  | 142   | 56384    | 17.382   | ug/l       | 93       |
| 11) Tert butyl alcohol       | 2.953  | 59    | 50671    | 73.996   | ug/l       | # 91     |
| 12) 1,1-Dichloroethene       | 2.325  | 96    | 42642    | 18.001   | ug/l       | 84       |
| 13) Acrolein                 | 2.233  | 56    | 46209    | 68.306   | ug/l       | 99       |
| 14) Allyl chloride           | 2.666  | 41    | 69603    | 17.641   | ug/l       | 96       |
| 15) Acrylonitrile            | 3.062  | 53    | 130181   | 85.504   | ug/l       | 98       |
| 16) Acetone                  | 2.380  | 43    | 119229   | 77.688   | ug/l       | # 89     |
| 17) Carbon Disulfide         | 2.514  | 76    | 97507    | 16.417   | ug/l       | 99       |
| 18) Methyl Acetate           | 2.703  | 43    | 97950    | 17.692   | ug/l       | 92       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 160489   | 18.417   | ug/l       | 100      |
| 20) Methylene Chloride       | 2.788  | 84    | 54039    | 19.030   | ug/l       | 88       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 49519    | 18.825   | ug/l       | 91       |
| 22) Diisopropyl ether        | 3.764  | 45    | 154219   | 18.765   | ug/l       | # 89     |
| 23) Vinyl Acetate            | 3.721  | 43    | 550513   | 91.069   | ug/l       | 95       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 91858    | 18.652   | ug/l       | 99       |
| 25) 2-Butanone               | 4.556  | 43    | 176934   | 81.697   | ug/l       | # 89     |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 74150    | 18.634   | ug/l       | 94       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 61004    | 18.917   | ug/l       | 88       |
| 28) Bromochloromethane       | 4.898  | 49    | 45360    | 19.743   | ug/l       | # 82     |
| 29) Tetrahydrofuran          | 5.007  | 42    | 110784   | 82.238   | ug/l       | 89       |
| 30) Chloroform               | 5.099  | 83    | 100039   | 18.857   | ug/l       | 98       |
| 31) Cyclohexane              | 5.471  | 56    | 74034    | 18.080   | ug/l       | 96       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 85500    | 19.034   | ug/l       | 98       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 70016    | 18.949   | ug/l       | 98       |
| 37) Ethyl Acetate            | 4.715  | 43    | 70732    | 17.413   | ug/l       | 97       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 72166    | 18.666   | ug/l       | 98       |
| 39) Methylcyclohexane        | 7.379  | 83    | 85196    | 18.167   | ug/l       | 94       |
| 40) Benzene                  | 6.044  | 78    | 208614   | 18.360   | ug/l       | 98       |

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 Sample : VX0922WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 23 01:20:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 36798    | 17.766  | ug/l # | 87       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 76578    | 18.647  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 112856   | 17.375  | ug/l   | 95       |
| 44) Trichloroethene           | 7.129  | 130  | 57903    | 18.299  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 55049    | 18.656  | ug/l   | 98       |
| 46) Dibromomethane            | 7.586  | 93   | 40128    | 18.905  | ug/l   | 92       |
| 47) Bromodichloromethane      | 7.824  | 83   | 74195    | 18.979  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.696  | 41   | 55147    | 17.761  | ug/l # | 88       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 25554    | 313.921 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 359982   | 87.353  | ug/l   | 95       |
| 52) Toluene                   | 8.720  | 92   | 139605   | 19.064  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 76199    | 18.642  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 84966    | 18.782  | ug/l # | 90       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 59557    | 19.290  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 84136    | 18.254  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 92964    | 18.607  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 196711   | 91.398  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 275972   | 86.010  | ug/l   | 94       |
| 60) Dibromochloromethane      | 9.519  | 129  | 58695    | 19.084  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 60966    | 18.650  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 49062    | 18.729  | ug/l   | 95       |
| 65) Chlorobenzene             | 10.079 | 112  | 154536   | 18.652  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 55359    | 18.854  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 270589   | 18.837  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 209520   | 37.746  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 102117   | 18.346  | ug/l   | 97       |
| 70) Styrene                   | 10.653 | 104  | 170470   | 19.077  | ug/l   | 96       |
| 71) Bromoform                 | 10.799 | 173  | 41967    | 18.093  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.964 | 105  | 272297   | 17.807  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 102831   | 16.605  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 94218    | 17.520  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 92982    | 19.288  | ug/l   | 92       |
| 77) Bromobenzene              | 11.201 | 156  | 68483    | 18.094  | ug/l   | 89       |
| 78) n-propylbenzene           | 11.305 | 91   | 324031   | 18.764  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 189525   | 17.799  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 230702   | 17.865  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 23676    | 15.733  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 220212   | 18.370  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 231992   | 17.775  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 234661   | 18.264  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 301157   | 19.020  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 250274   | 18.972  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 130765   | 18.535  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 134176   | 18.585  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 230888   | 19.979  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 39167    | 17.523  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 131243   | 18.220  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 18392    | 17.157  | ug/l   | 78       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 87634    | 20.654  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 38765    | 19.564  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 270026   | 18.817  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 87193    | 19.969  | ug/l   | 98       |

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Sample : VX0922WBS01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

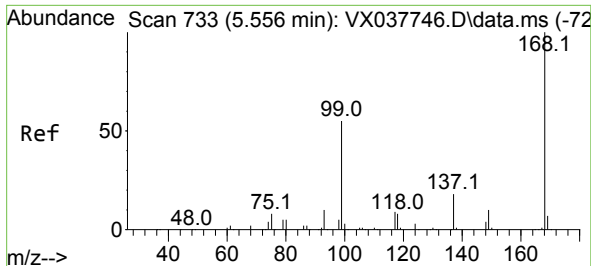
Quant Time: Sep 23 01:20:45 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 16 04:55:44 2023  
Response via : Initial Calibration

| 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\82X091523W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 16 04:55:44 2023  
Response via : Initial Calibration





#1  
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

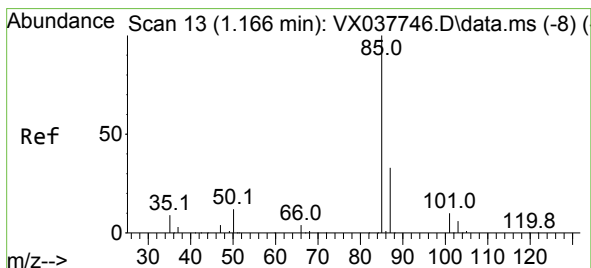
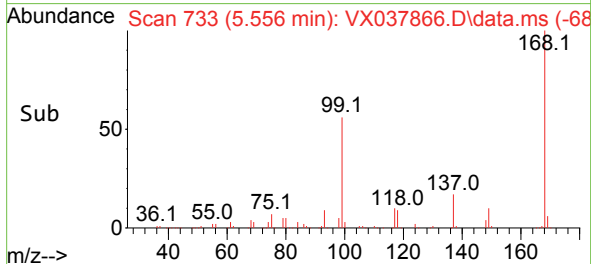
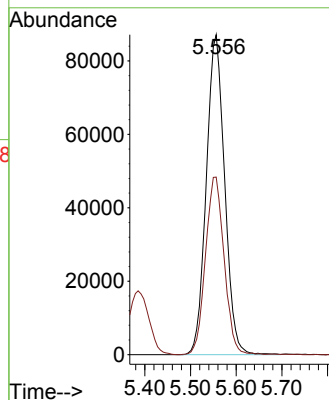
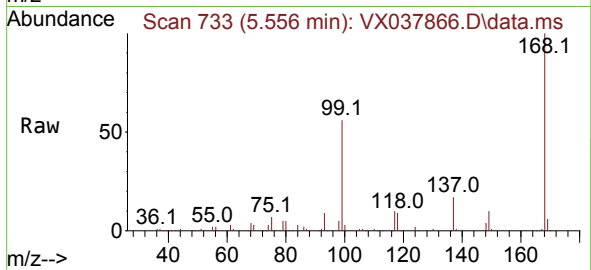
ClientSampleId :

Tgt Ion:168 Resp: 242818

Ion Ratio Lower Upper

168 100

99 55.5 56.6 85.0#



#2

Dichlorodifluoromethane

Concen: 17.597 ug/l

RT: 1.166 min Scan# 13

Delta R.T. -0.000 min

Lab File: VX037866.D

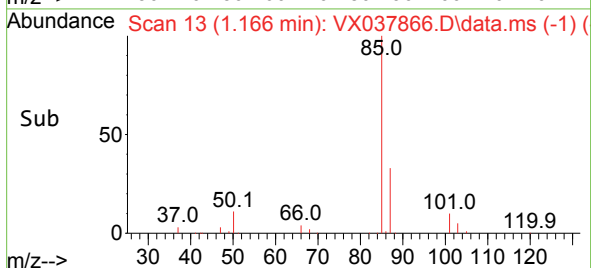
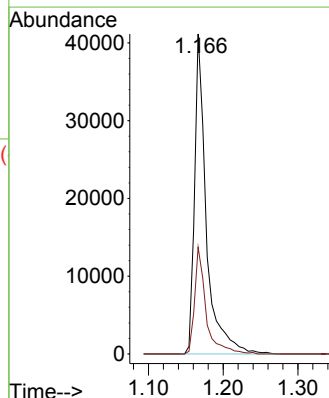
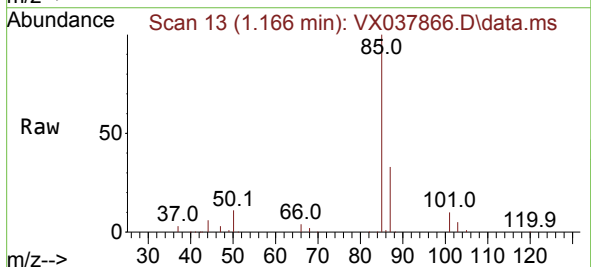
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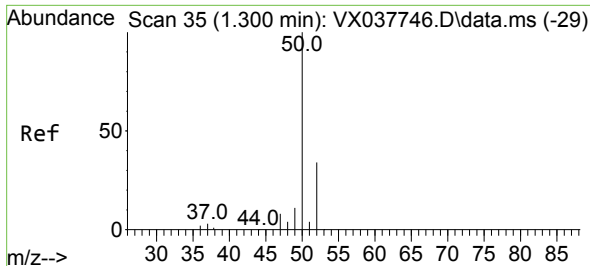
Tgt Ion: 85 Resp: 45036

Ion Ratio Lower Upper

85 100

87 33.4 16.7 50.1

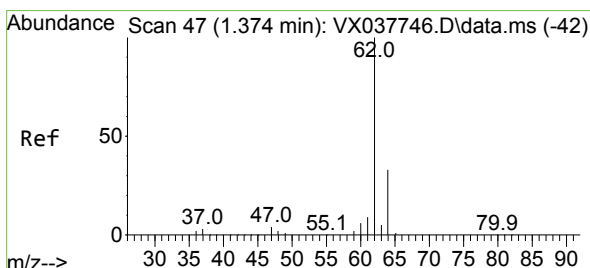
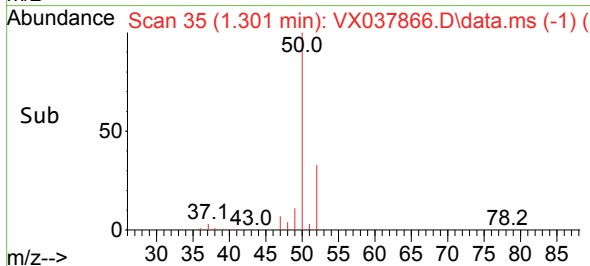
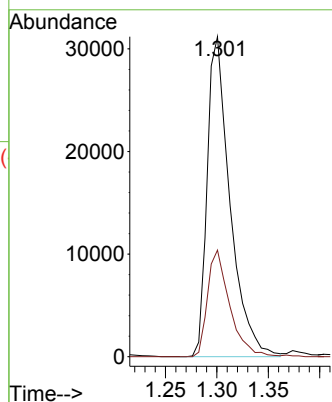
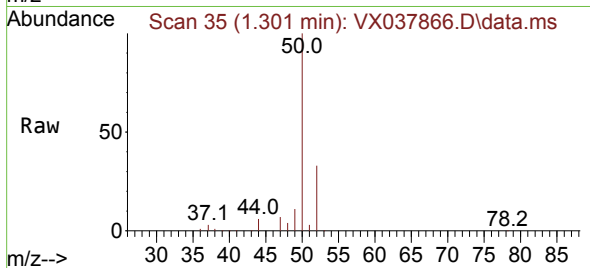




#3  
Chloromethane  
Concen: 17.285 ug/l  
RT: 1.301 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

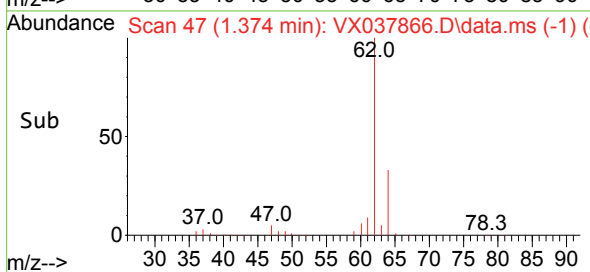
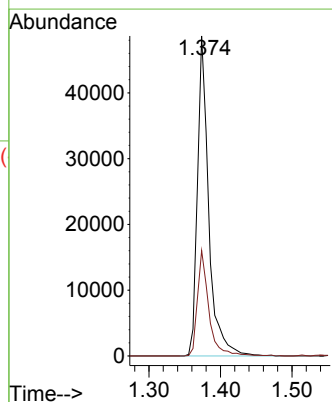
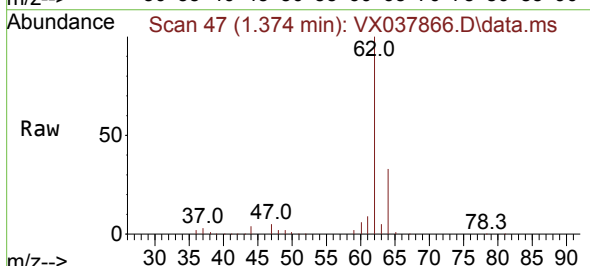
Instrument :  
MSVOA\_X  
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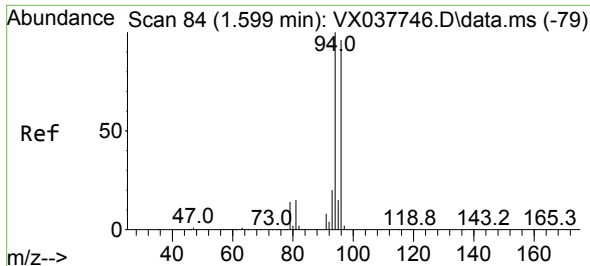
Tgt Ion: 50 Resp: 48134  
Ion Ratio Lower Upper  
50 100  
52 33.3 25.5 38.3



#4  
Vinyl Chloride  
Concen: 17.700 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 62 Resp: 53176  
Ion Ratio Lower Upper  
62 100  
64 33.0 25.4 38.0

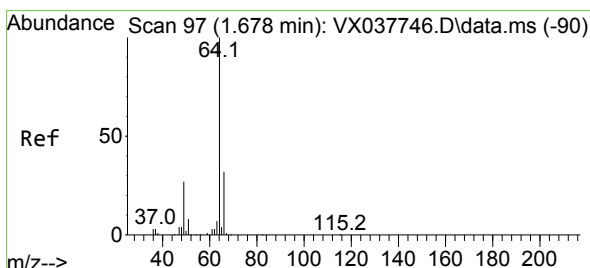
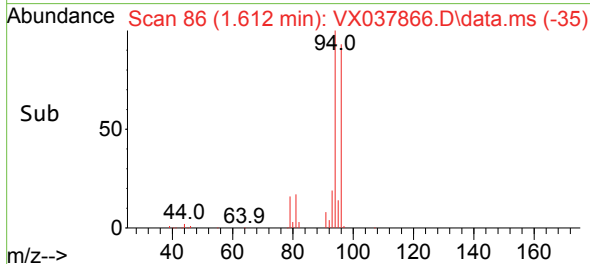
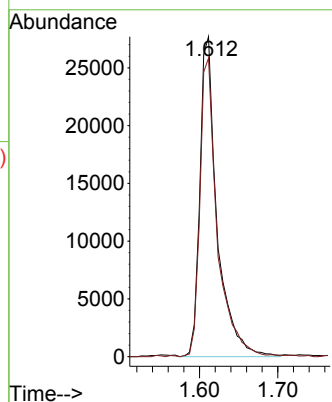
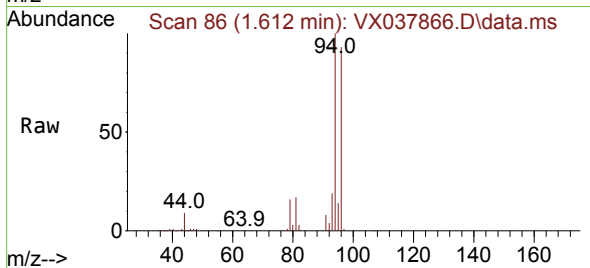




#5  
Bromomethane  
Concen: 19.755 ug/l  
RT: 1.612 min Scan# 80  
Delta R.T. 0.012 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

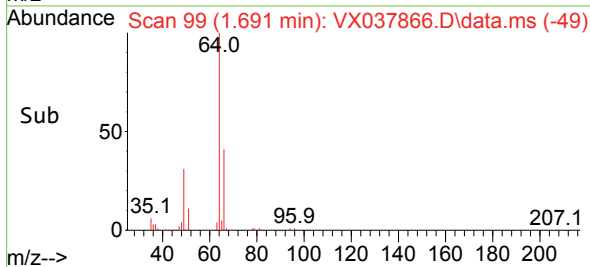
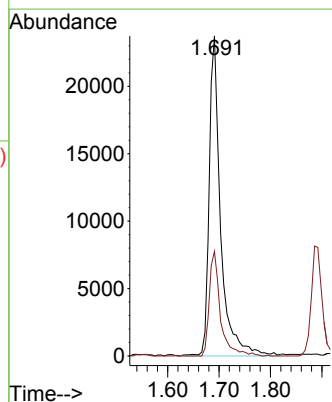
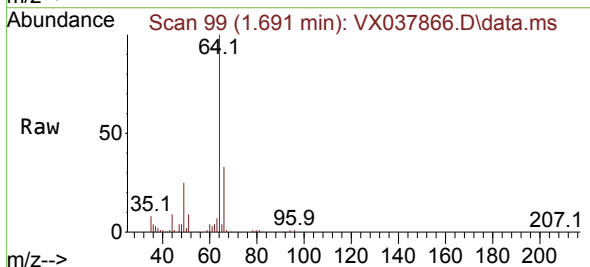
Instrument :  
MSVOA\_X  
ClientSampleId :

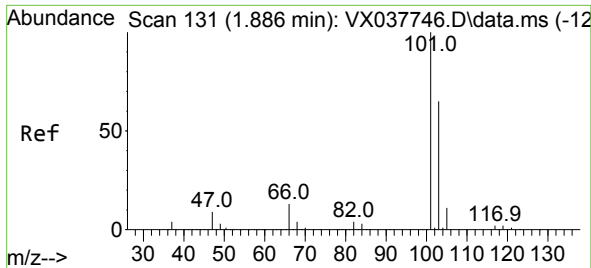
Tgt Ion: 94 Resp: 42488  
Ion Ratio Lower Upper  
94 100  
96 93.3 74.6 111.8



#6  
Chloroethane  
Concen: 17.712 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 64 Resp: 36657  
Ion Ratio Lower Upper  
64 100  
66 32.7 25.1 37.7

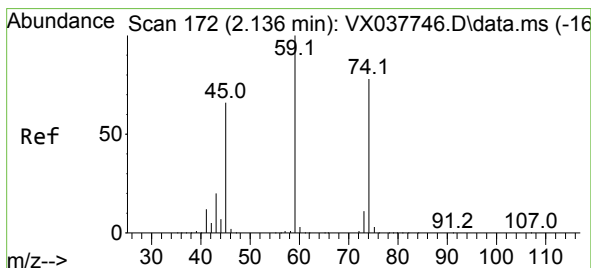
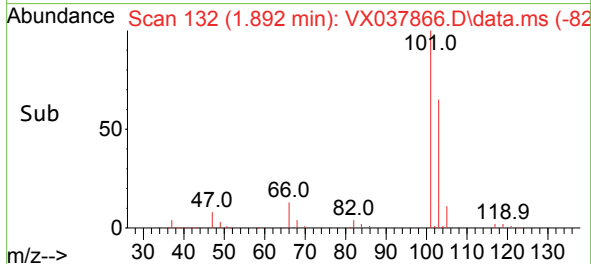
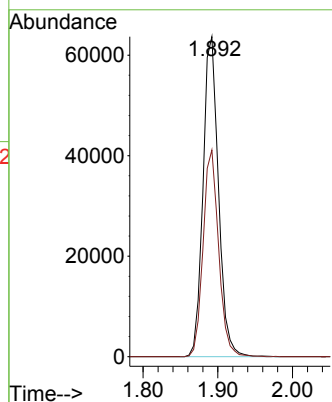
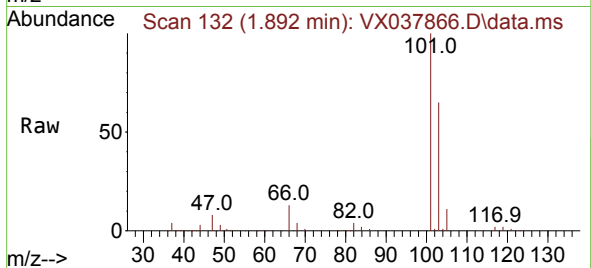




#7  
Trichlorofluoromethane  
Concen: 18.905 ug/l  
RT: 1.892 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

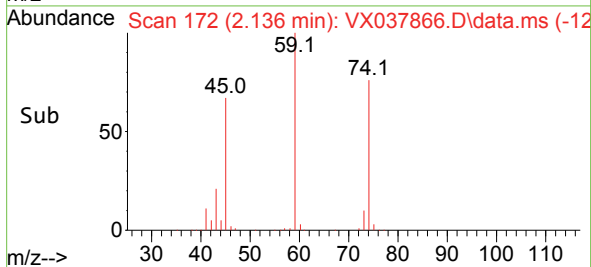
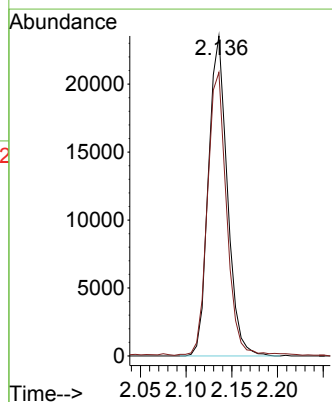
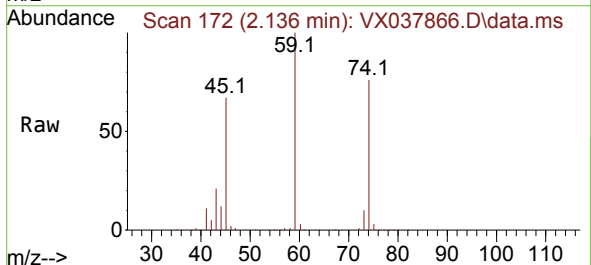
Instrument :  
MSVOA\_X  
ClientSampleId :

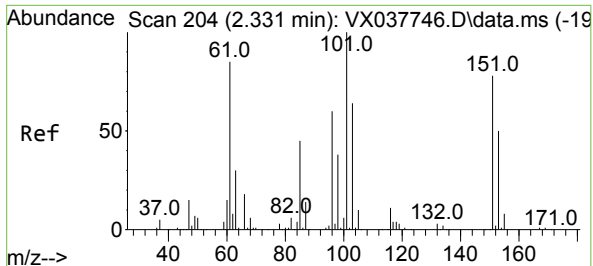
Tgt Ion:101 Resp: 91310  
Ion Ratio Lower Upper  
101 100  
103 64.6 51.4 77.2



#8  
Diethyl Ether  
Concen: 18.025 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 74 Resp: 33728  
Ion Ratio Lower Upper  
74 100  
45 91.2 53.3 159.8

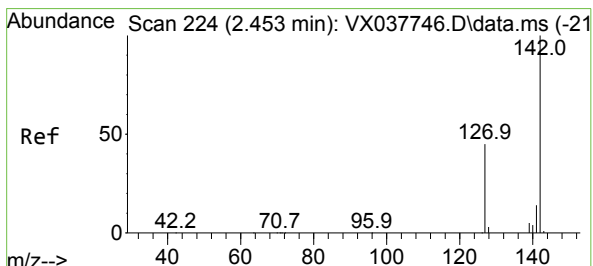
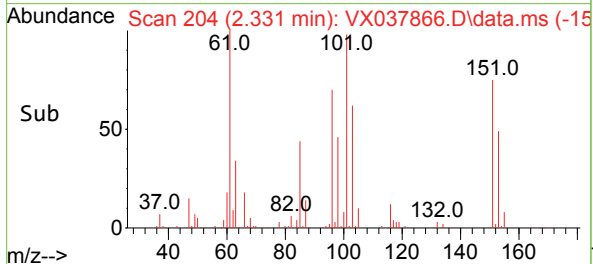
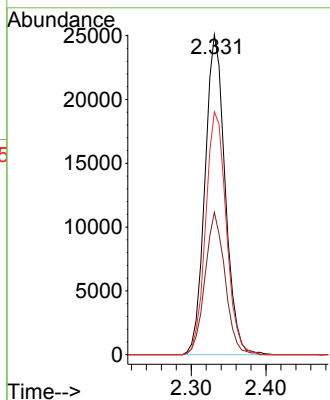
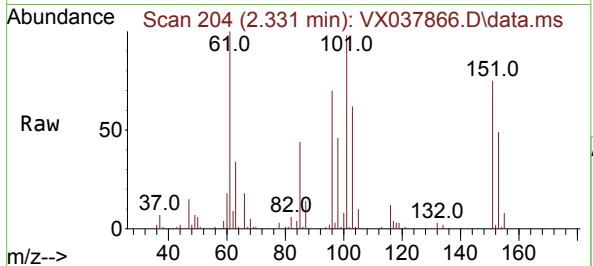




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.178 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

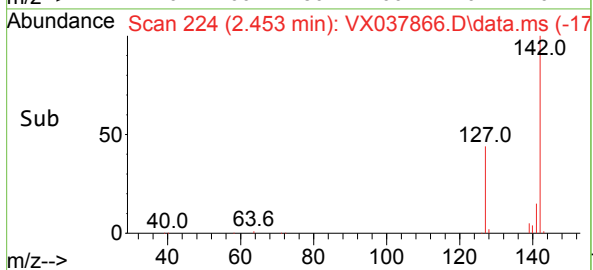
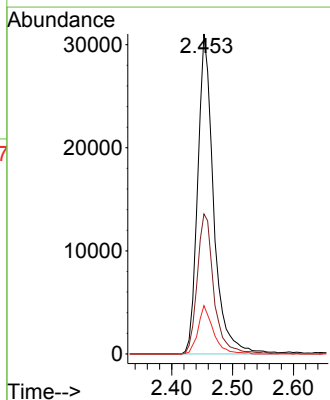
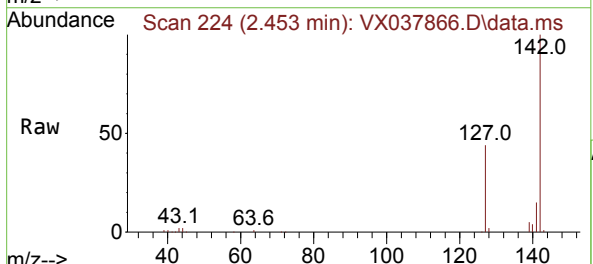
Instrument :  
MSVOA\_X  
ClientSampleId :

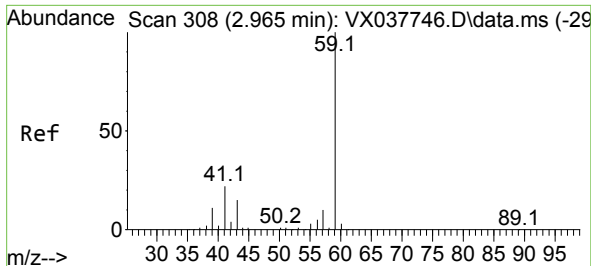
Tgt Ion:101 Resp: 47007  
Ion Ratio Lower Upper  
101 100  
85 44.2 37.0 55.6  
151 77.6 58.6 87.8



#10  
Methyl Iodide  
Concen: 17.382 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

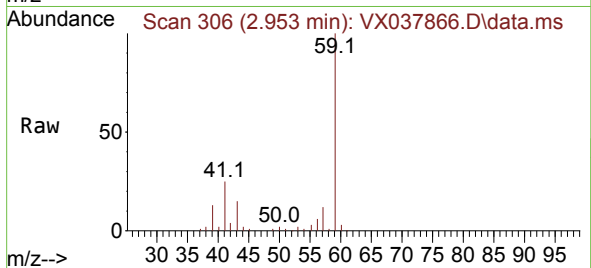
Tgt Ion:142 Resp: 56384  
Ion Ratio Lower Upper  
142 100  
127 45.4 41.6 62.4  
141 14.5 11.6 17.4



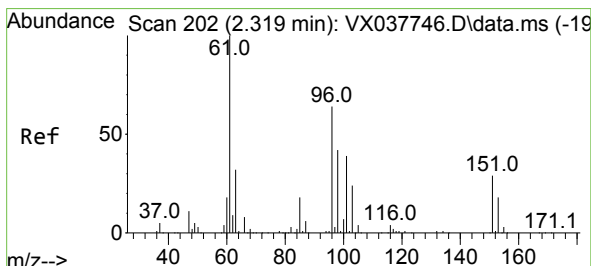
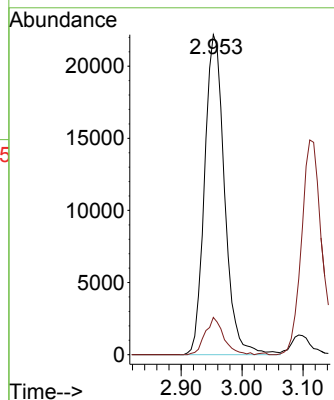
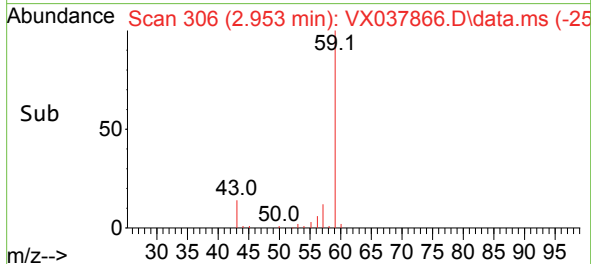


#11  
Tert butyl alcohol  
Concen: 73.996 ug/l  
RT: 2.953 min Scan# 30  
Delta R.T. -0.012 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

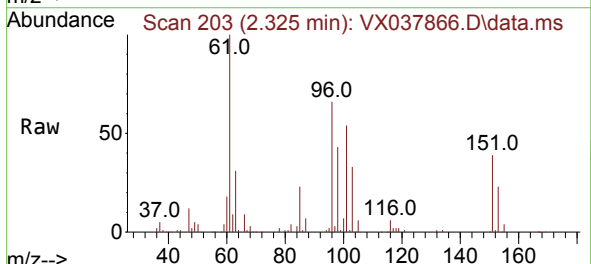
Instrument :  
MSVOA\_X  
ClientSampleId :



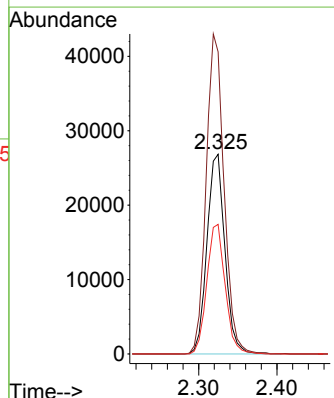
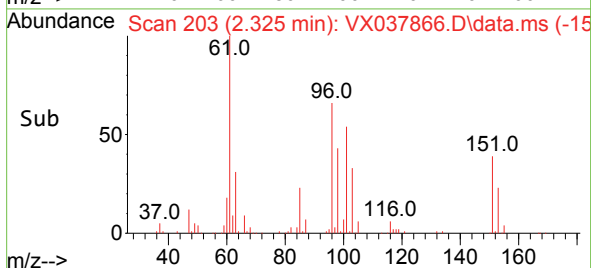
Tgt Ion: 59 Resp: 50671  
Ion Ratio Lower Upper  
59 100  
57 10.8 6.0 9.0#

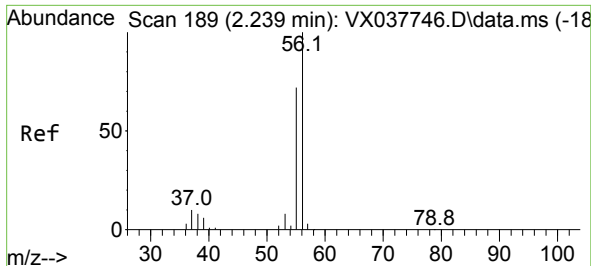


#12  
1,1-Dichloroethene  
Concen: 18.001 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08



Tgt Ion: 96 Resp: 42642  
Ion Ratio Lower Upper  
96 100  
61 151.3 144.6 216.8  
98 64.9 50.4 75.6





#13

Acrolein

Concen: 68.306 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

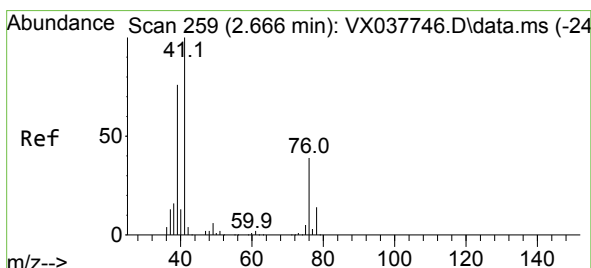
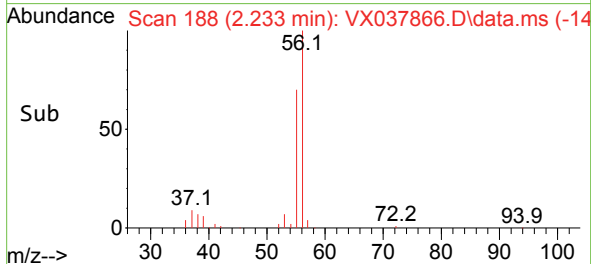
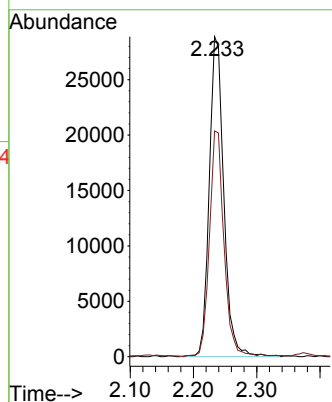
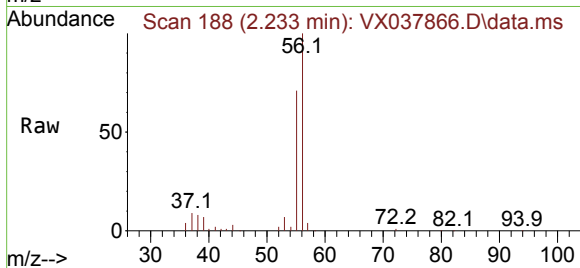
ClientSampleId :

Tgt Ion: 56 Resp: 46209

Ion Ratio Lower Upper

56 100

55 70.4 57.1 85.7



#14

Allyl chloride

Concen: 17.641 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

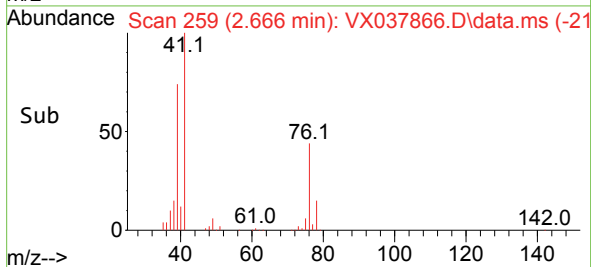
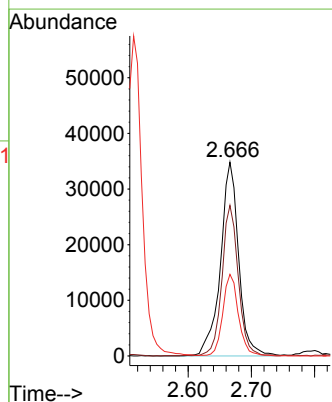
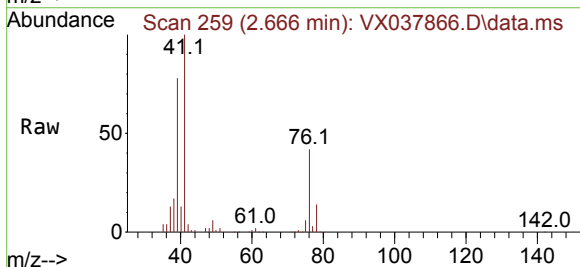
Tgt Ion: 41 Resp: 69603

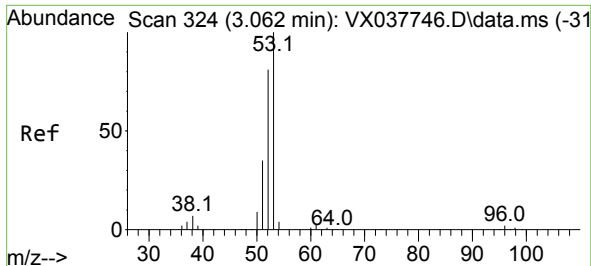
Ion Ratio Lower Upper

41 100

39 69.1 55.8 83.6

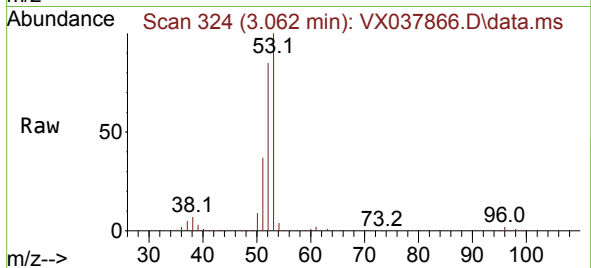
76 36.1 24.3 36.5



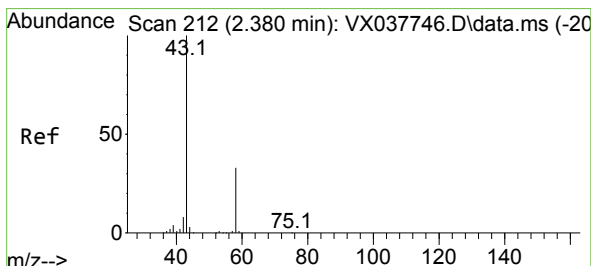
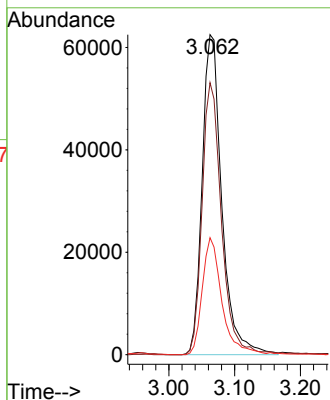
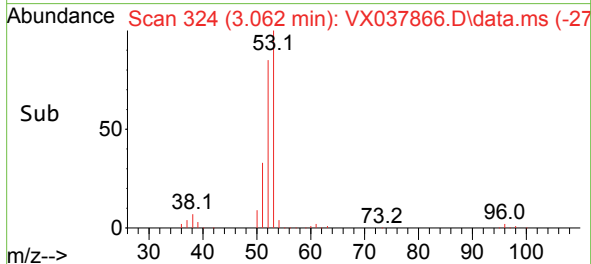


#15  
Acrylonitrile  
Concen: 85.504 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :

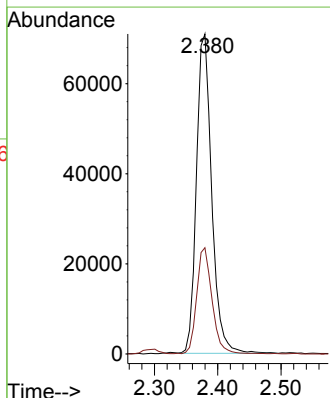
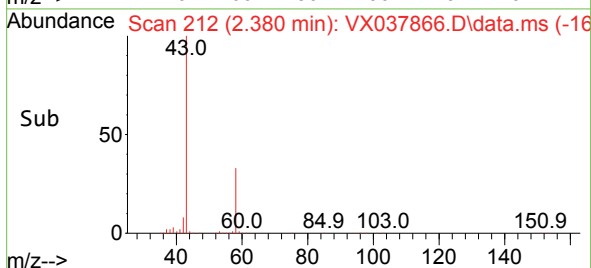
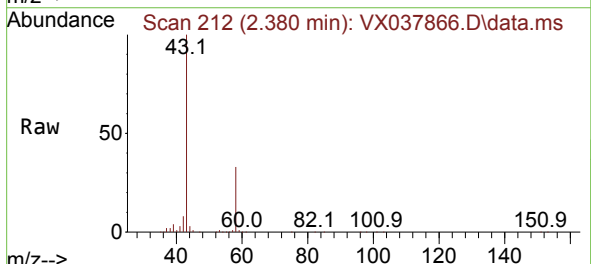


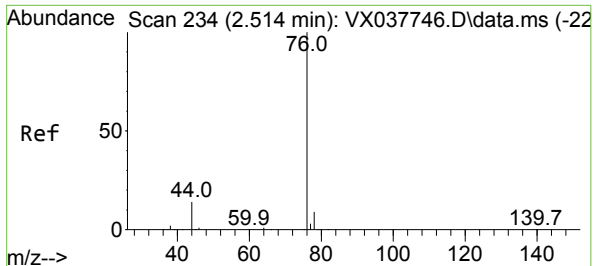
Tgt Ion: 53 Resp: 130181  
Ion Ratio Lower Upper  
53 100  
52 84.0 66.0 99.0  
51 36.4 29.8 44.6



#16  
Acetone  
Concen: 77.688 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 43 Resp: 119229  
Ion Ratio Lower Upper  
43 100  
58 33.2 21.9 32.9#

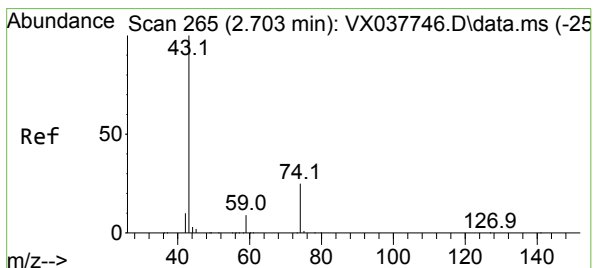
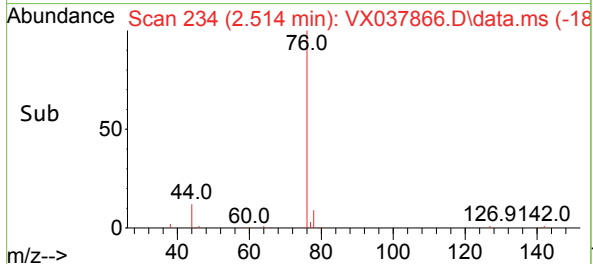
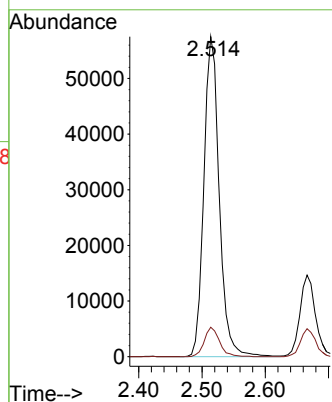
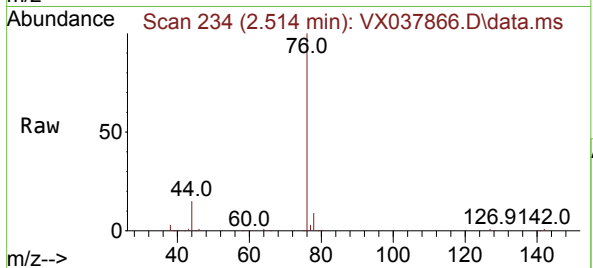




#17  
Carbon Disulfide  
Concen: 16.417 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

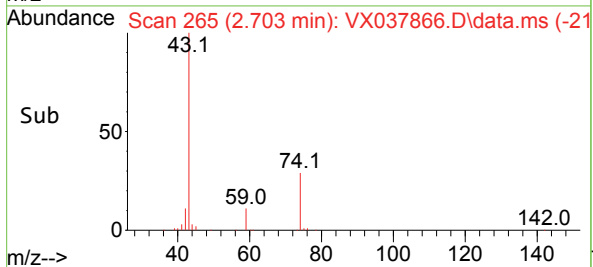
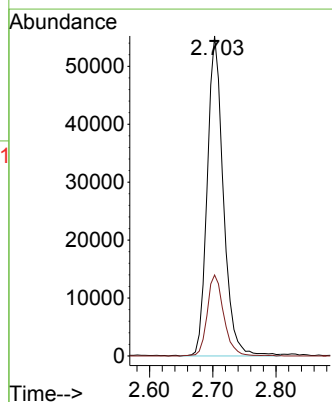
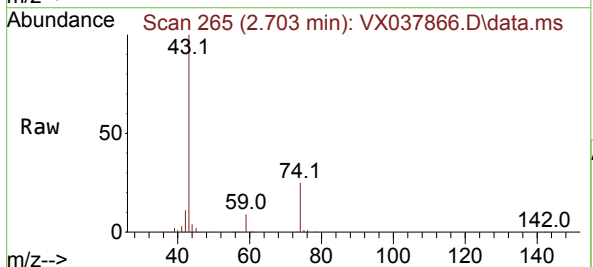
Instrument :  
MSVOA\_X  
ClientSampleId :

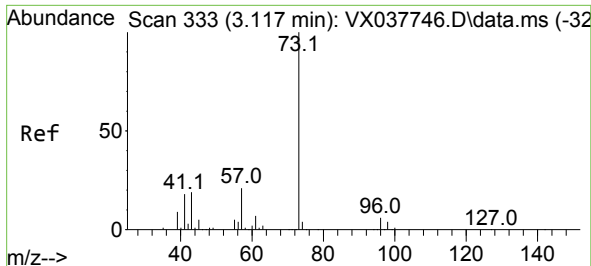
Tgt Ion: 76 Resp: 97507  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6



#18  
Methyl Acetate  
Concen: 17.692 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 43 Resp: 97950  
Ion Ratio Lower Upper  
43 100  
74 25.9 17.8 26.8

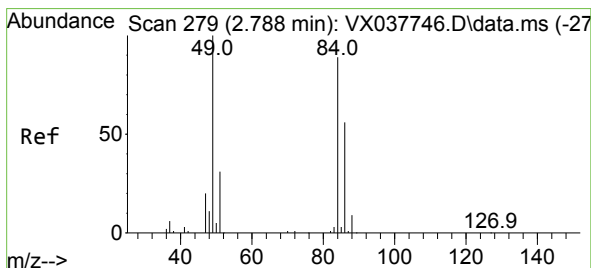
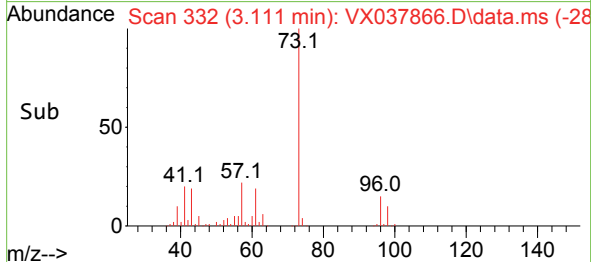
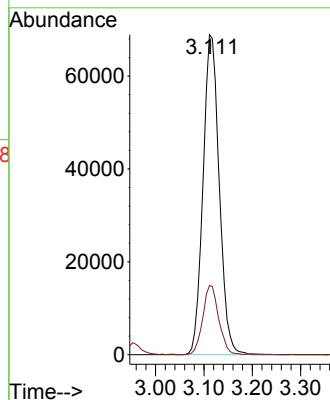
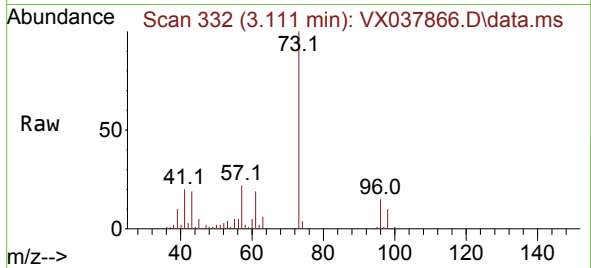




#19  
Methyl tert-butyl Ether  
Concen: 18.417 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.012 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

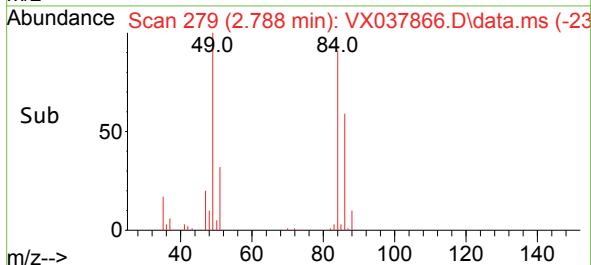
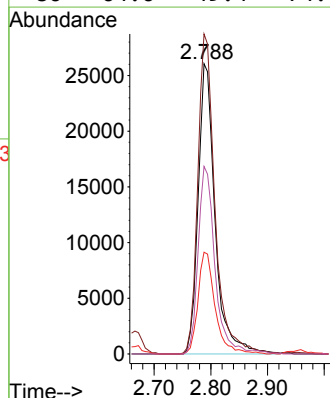
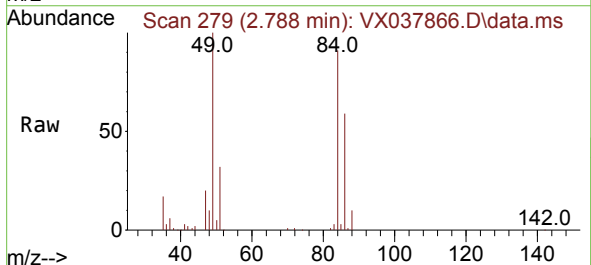
Instrument :  
MSVOA\_X  
ClientSampleId :

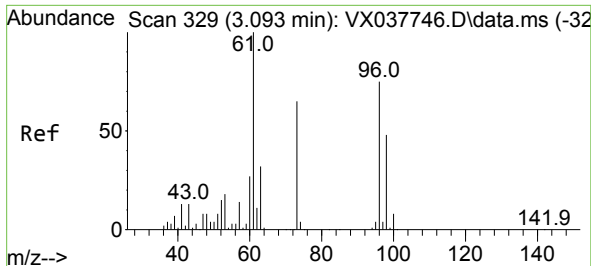
Tgt Ion: 73 Resp: 160489  
Ion Ratio Lower Upper  
73 100  
57 21.6 17.3 25.9



#20  
Methylene Chloride  
Concen: 19.030 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 84 Resp: 54039  
Ion Ratio Lower Upper  
84 100  
49 110.3 103.6 155.4  
51 35.1 33.8 50.6  
86 64.6 49.4 74.0

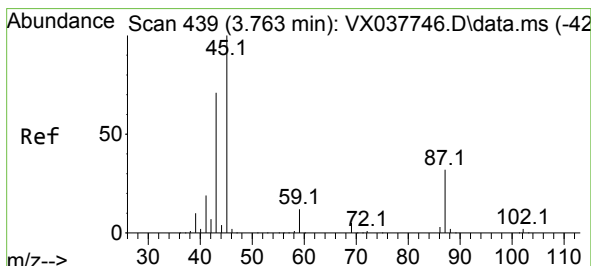
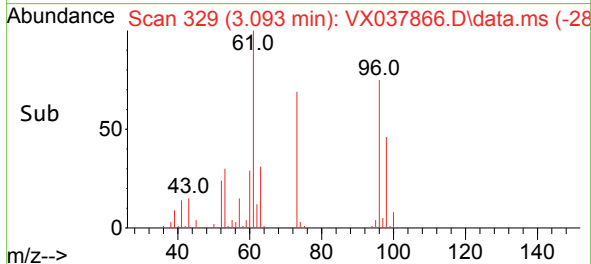
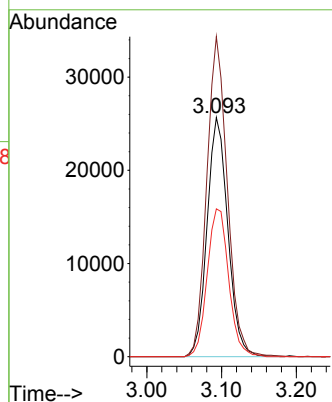
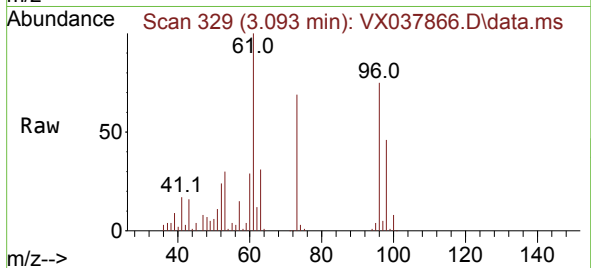




#21  
trans-1,2-Dichloroethene  
Concen: 18.825 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

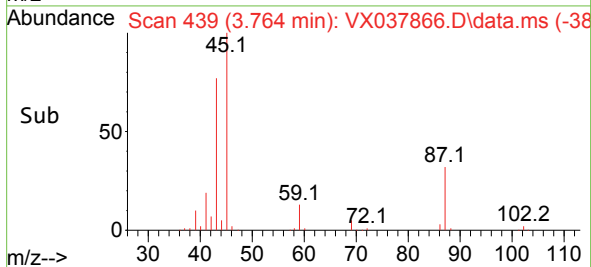
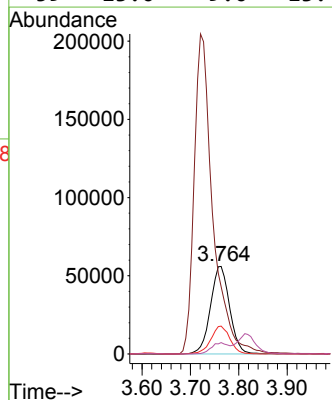
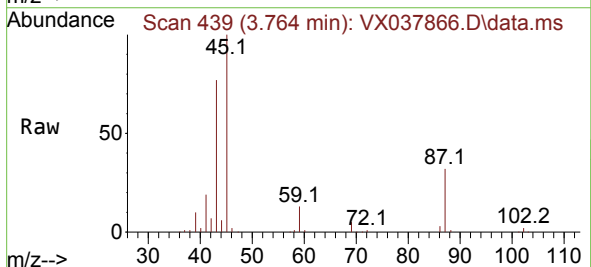
Instrument :  
MSVOA\_X  
ClientSampleId :

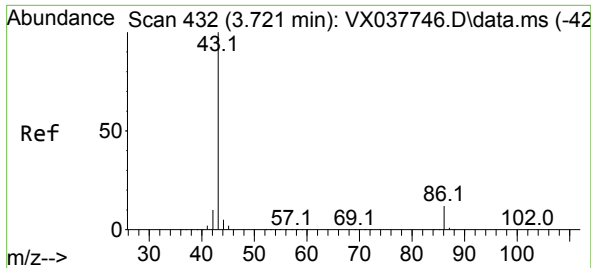
Tgt Ion: 96 Resp: 49519  
Ion Ratio Lower Upper  
96 100  
61 133.7 119.2 178.8  
98 61.8 48.7 73.1



#22  
Diisopropyl ether  
Concen: 18.765 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 45 Resp: 154219  
Ion Ratio Lower Upper  
45 100  
43 76.3 69.7 104.5  
87 31.8 20.8 31.2#  
59 13.0 9.0 13.4

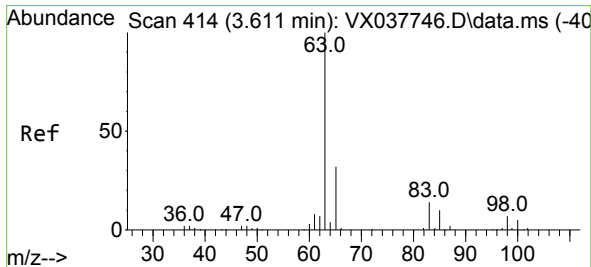
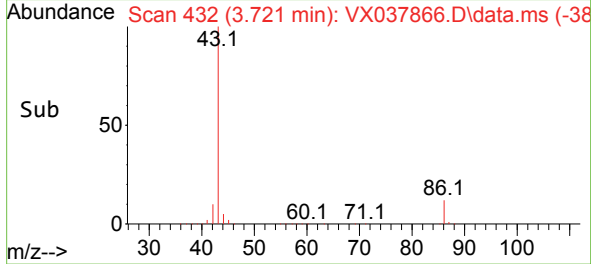
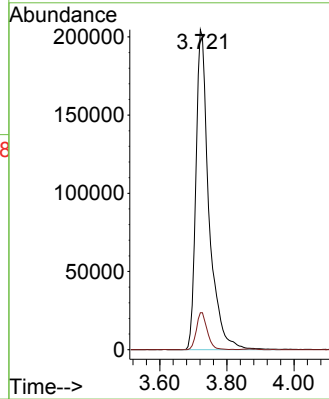
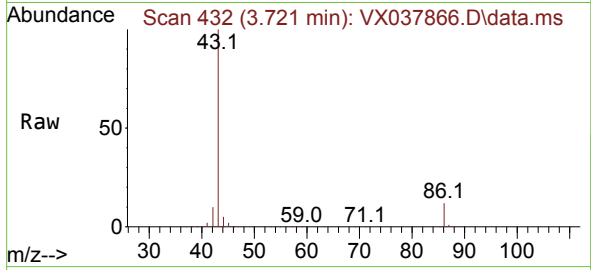




#23  
 Vinyl Acetate  
 Concen: 91.069 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: VX037866.D  
 Acq: 22 Sep 2023 10:08

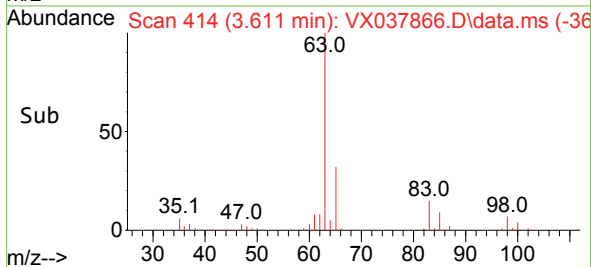
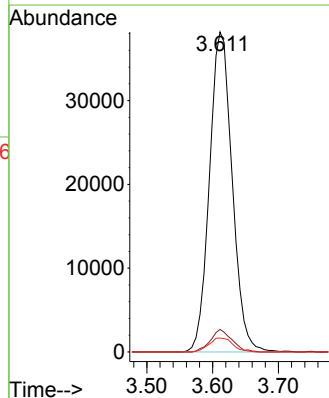
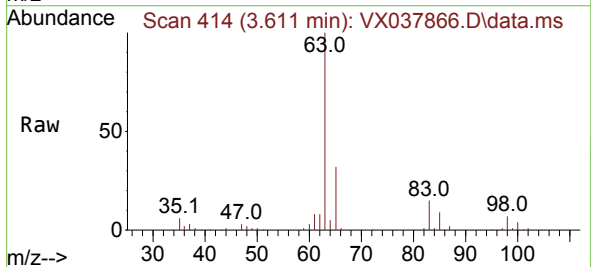
Instrument :  
 MSVOA\_X  
 ClientSampleId :

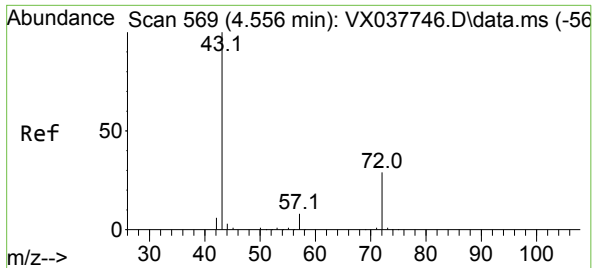
Tgt Ion: 43 Resp: 550513  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 18.652 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX037866.D  
 Acq: 22 Sep 2023 10:08

Tgt Ion: 63 Resp: 91858  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.3 9.8  
 100 4.3 2.1 6.5

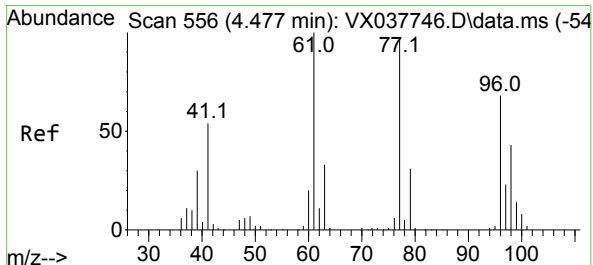
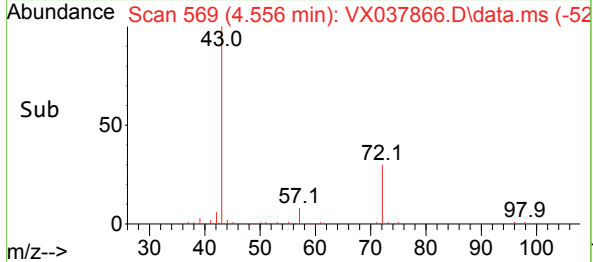
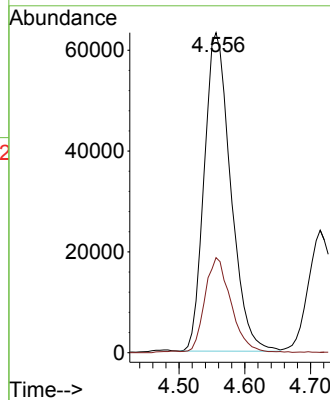
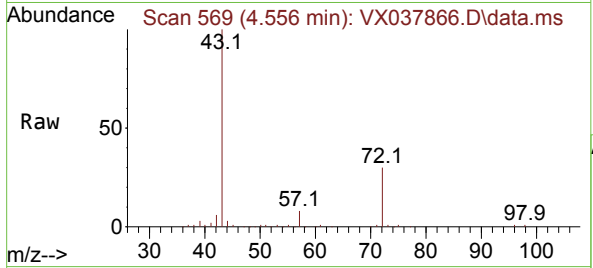




#25  
2-Butanone  
Concen: 81.697 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. -0.012 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

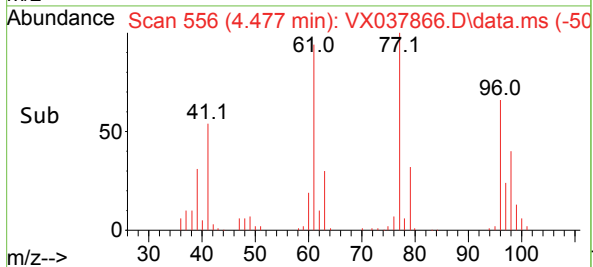
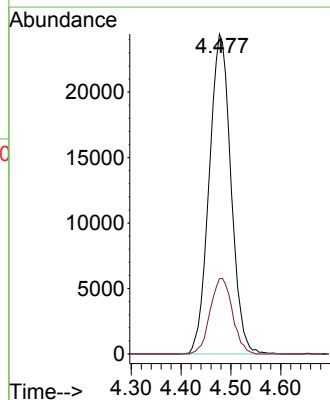
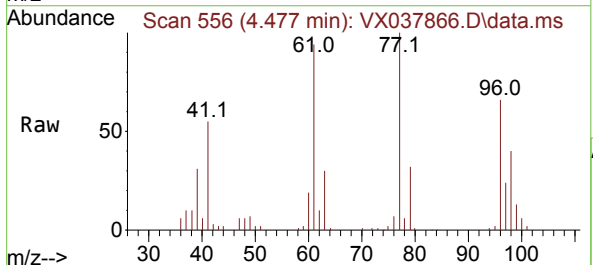
Instrument :  
MSVOA\_X  
ClientSampleId :

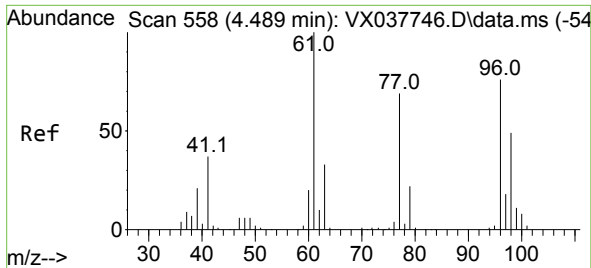
Tgt Ion: 43 Resp: 176934  
Ion Ratio Lower Upper  
43 100  
72 29.5 19.4 29.2#



#26  
2,2-Dichloropropane  
Concen: 18.634 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 77 Resp: 74150  
Ion Ratio Lower Upper  
77 100  
97 24.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.917 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

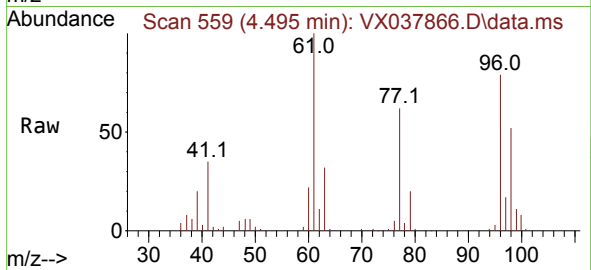
Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

ClientSampleId :



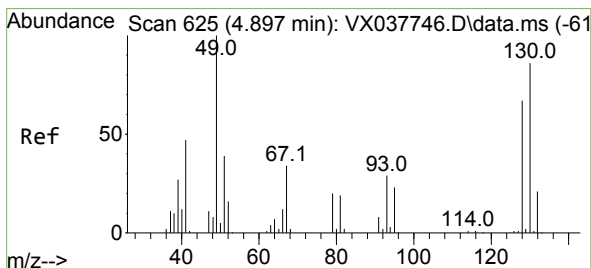
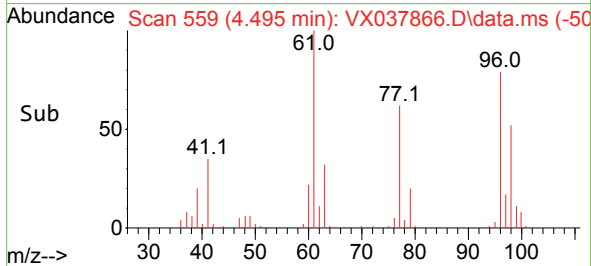
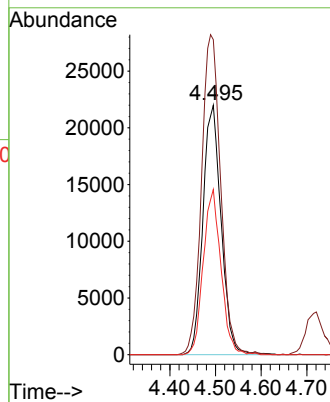
Tgt Ion: 96 Resp: 61004

Ion Ratio Lower Upper

96 100

61 134.4 0.0 312.2

98 64.2 0.0 129.0



#28

Bromochloromethane

Concen: 19.743 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

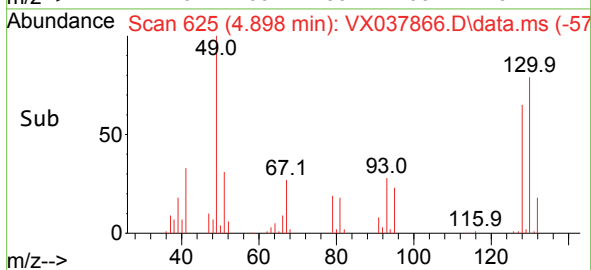
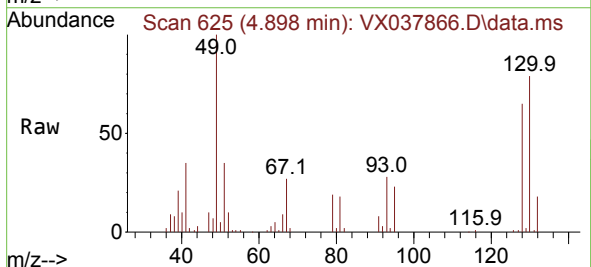
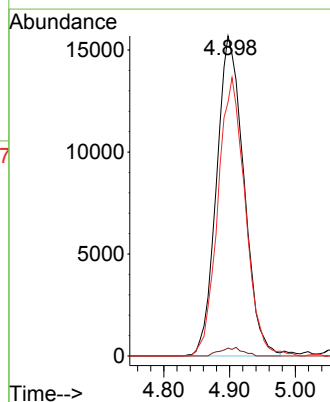
Tgt Ion: 49 Resp: 45360

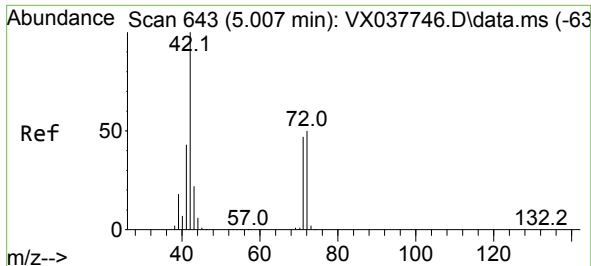
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 87.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 82.238 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.006 min

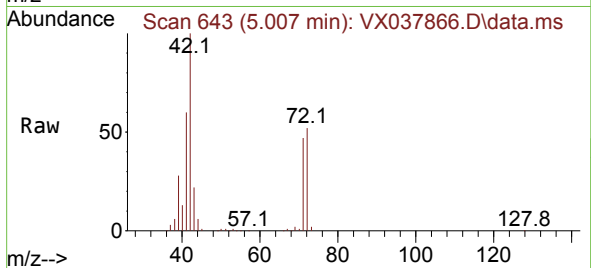
Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

ClientSampleId :



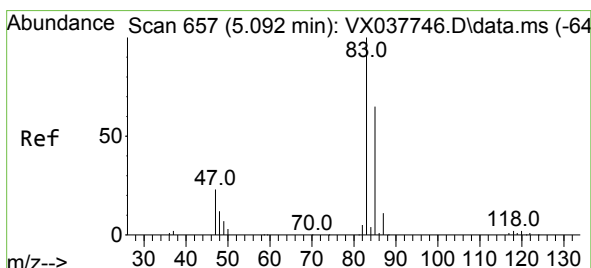
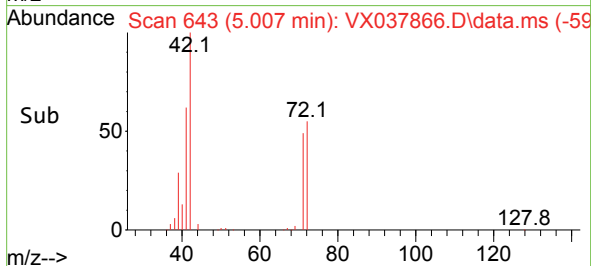
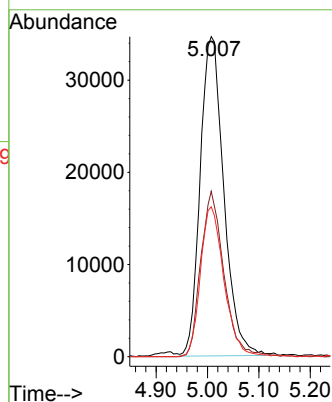
Tgt Ion: 42 Resp: 110784

Ion Ratio Lower Upper

42 100

72 50.6 34.2 51.4

71 46.7 32.2 48.2



#30

Chloroform

Concen: 18.857 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037866.D

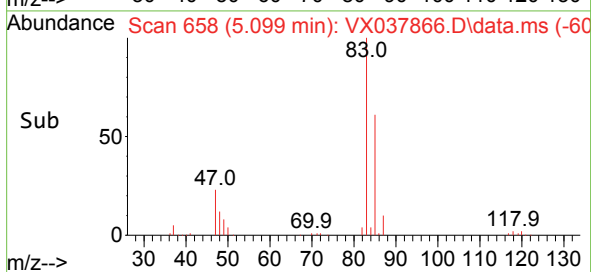
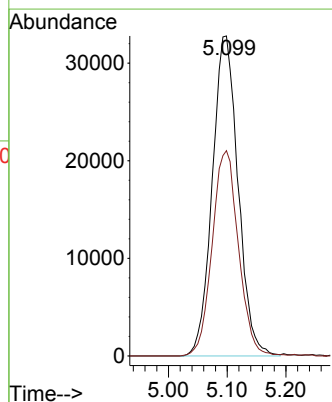
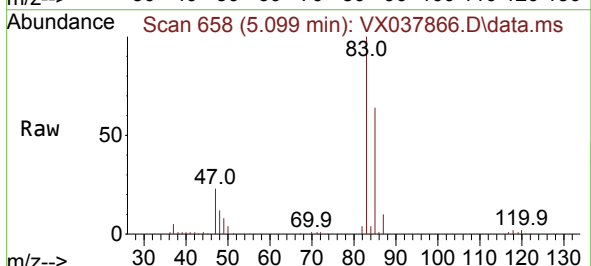
Acq: 22 Sep 2023 10:08

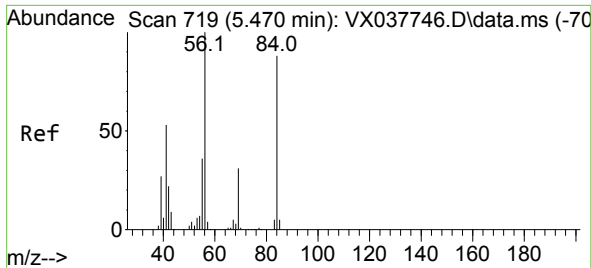
Tgt Ion: 83 Resp: 100039

Ion Ratio Lower Upper

83 100

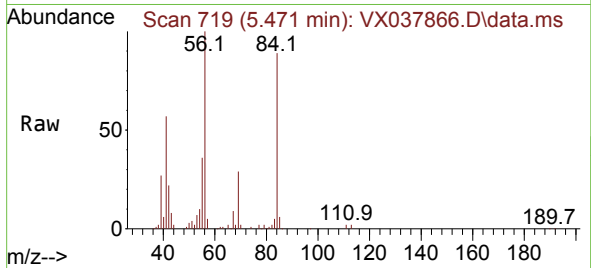
85 64.1 50.3 75.5



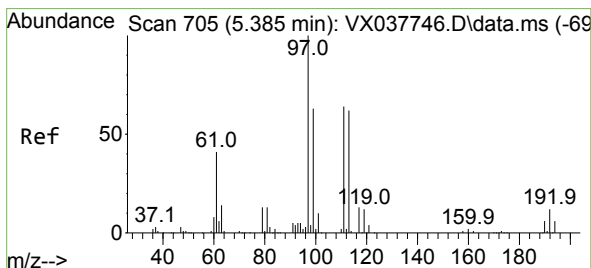
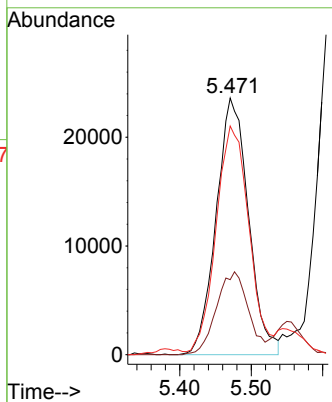
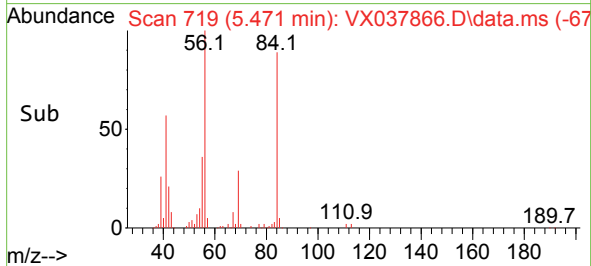


#31  
Cyclohexane  
Concen: 18.080 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :

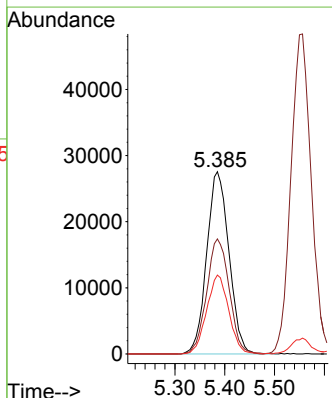
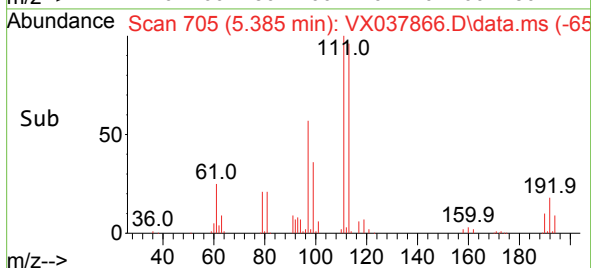
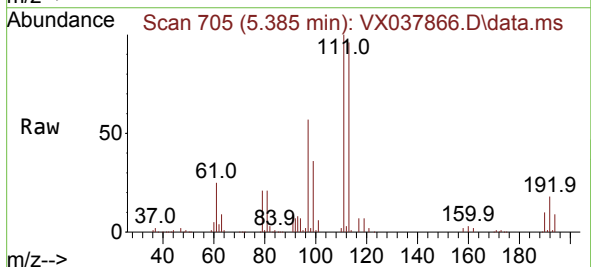


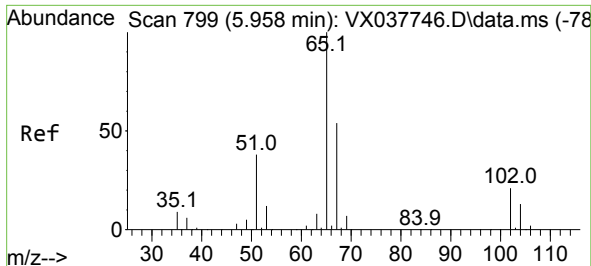
Tgt Ion: 56 Resp: 74034  
Ion Ratio Lower Upper  
56 100  
69 29.3 23.4 35.2  
84 87.2 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 19.034 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 97 Resp: 85500  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.1 76.7  
61 42.9 36.4 54.6

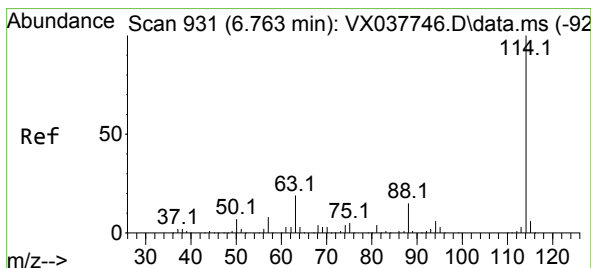
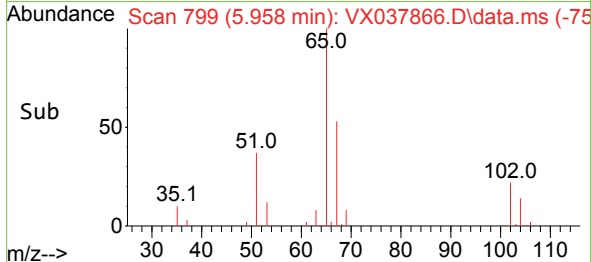
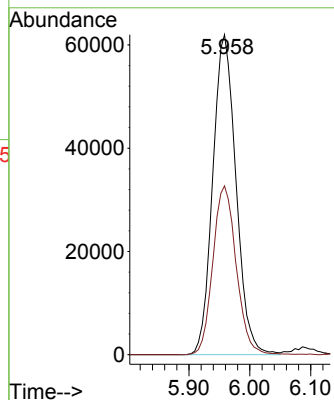
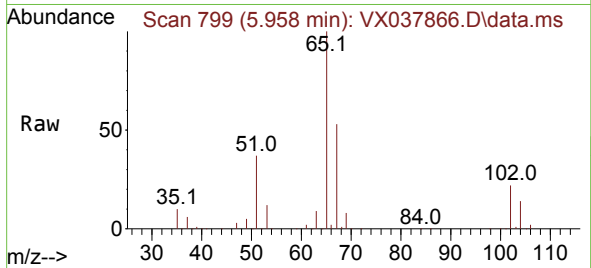




#33  
1,2-Dichloroethane-d4  
Concen: 51.475 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

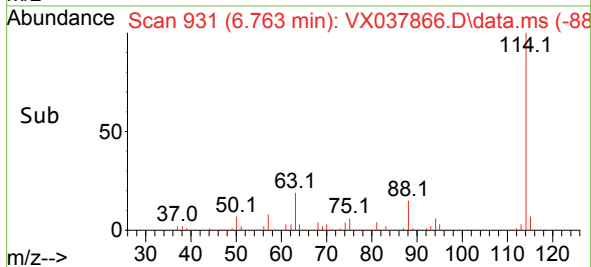
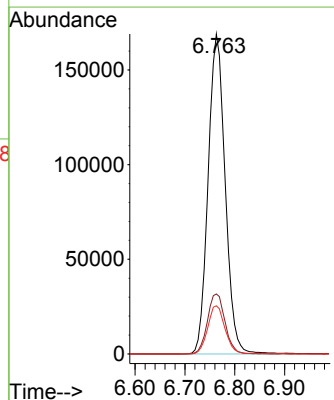
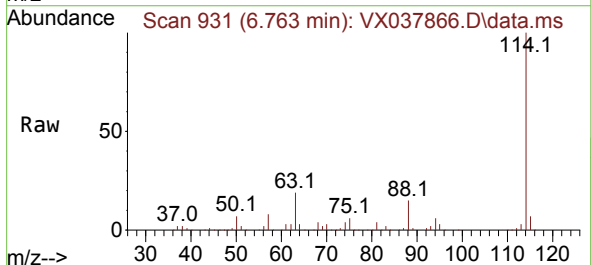
Instrument :  
MSVOA\_X  
ClientSampleId :

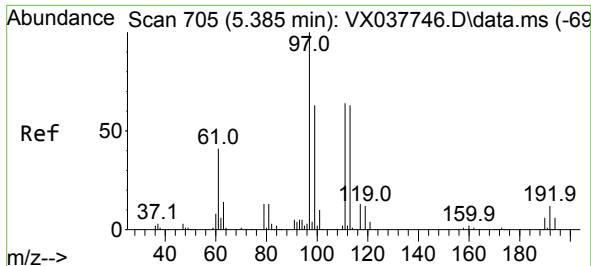
Tgt Ion: 65 Resp: 164220  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

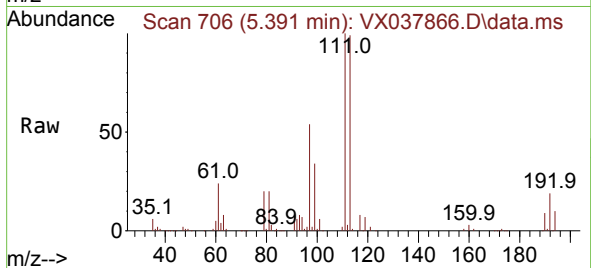
Tgt Ion:114 Resp: 400874  
Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 45.0  
88 15.1 0.0 36.6



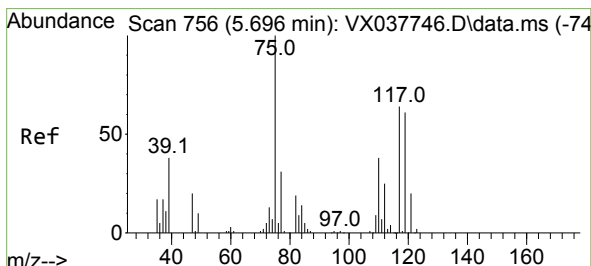
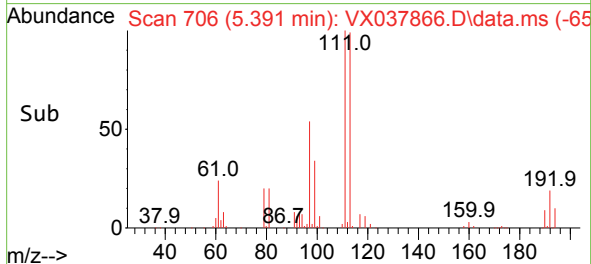
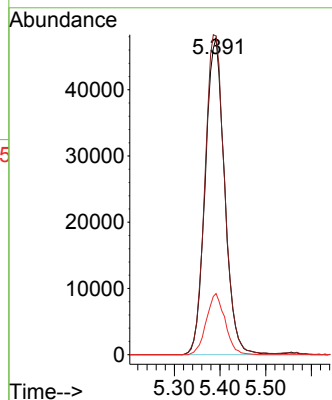


#35  
Dibromofluoromethane  
Concen: 52.390 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :

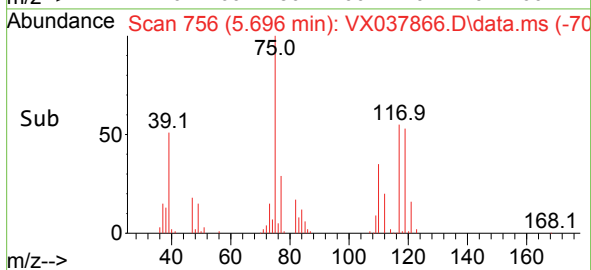
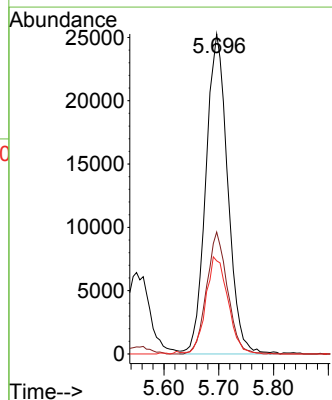
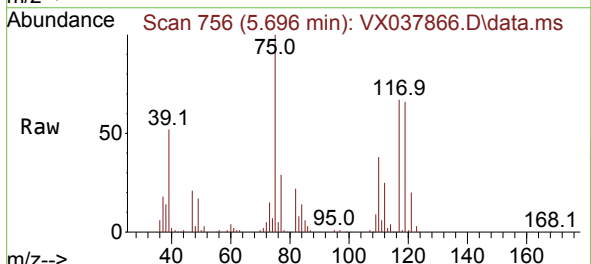


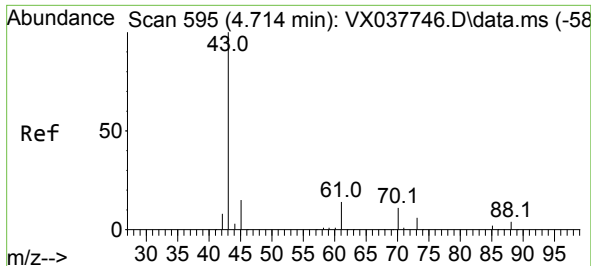
Tgt Ion:113 Resp: 140523  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.9 124.3  
192 18.8 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 18.949 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 75 Resp: 70016  
Ion Ratio Lower Upper  
75 100  
110 36.4 17.0 50.9  
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 17.413 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.018 min

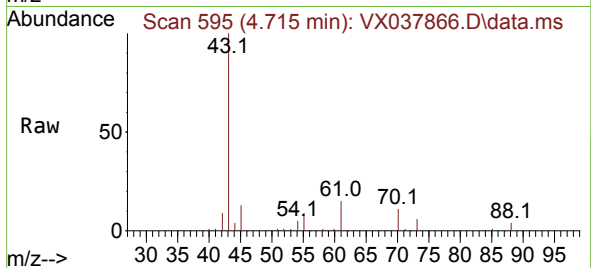
Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

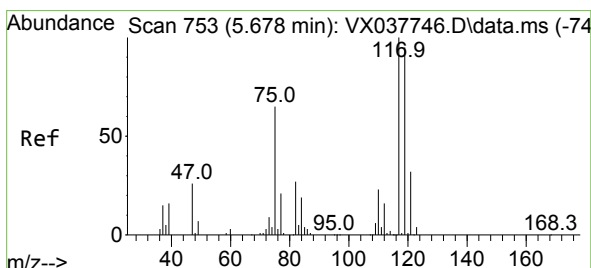
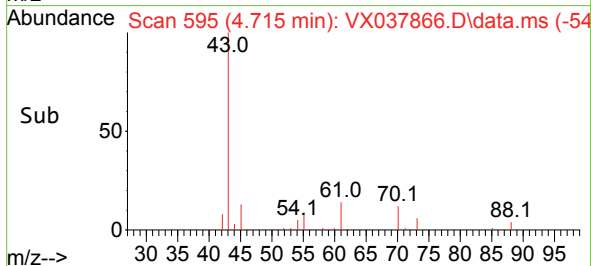
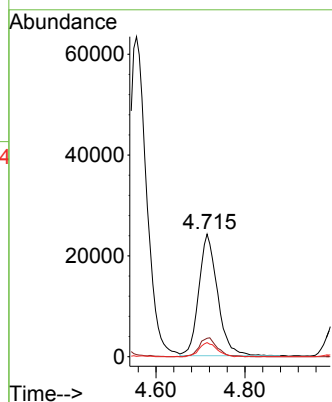
Instrument :

MSVOA\_X

ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 70732    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 15.0 10.6 16.0 |
| 70          | 10.9 8.3 12.5  |



#38

Carbon Tetrachloride

Concen: 18.666 ug/l

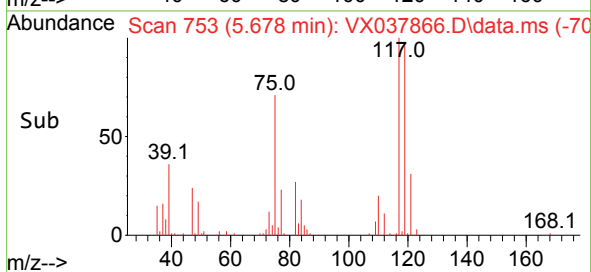
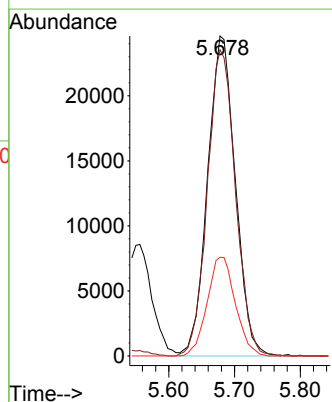
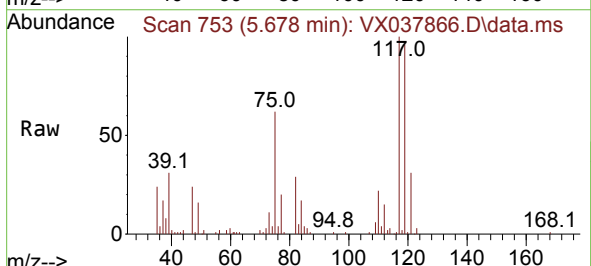
RT: 5.678 min Scan# 753

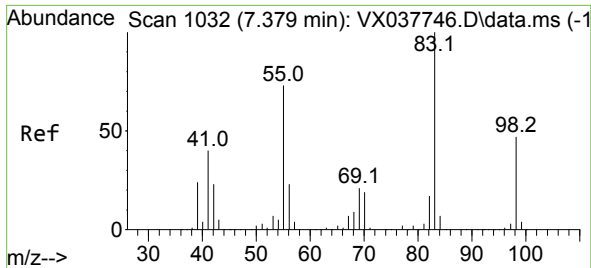
Delta R.T. -0.000 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

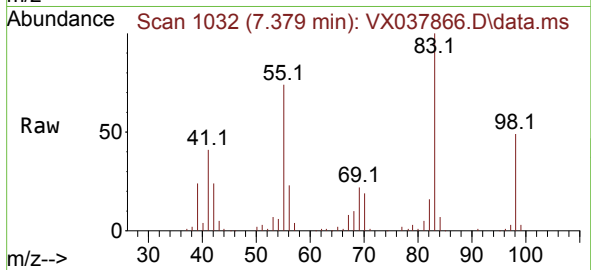
|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 72166     |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 95.3 78.2 117.2 |
| 121          | 30.8 24.4 36.6  |



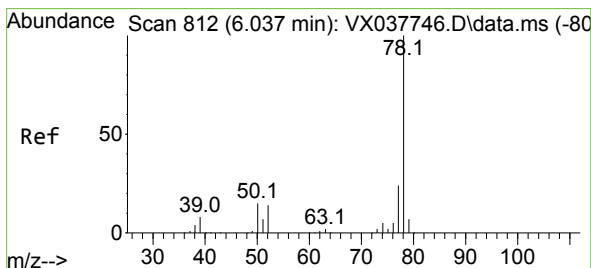
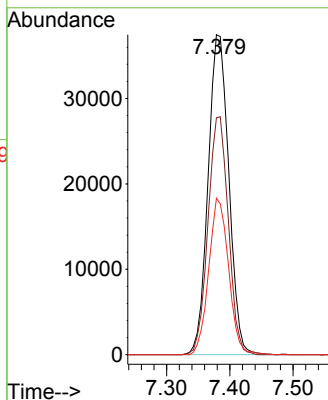
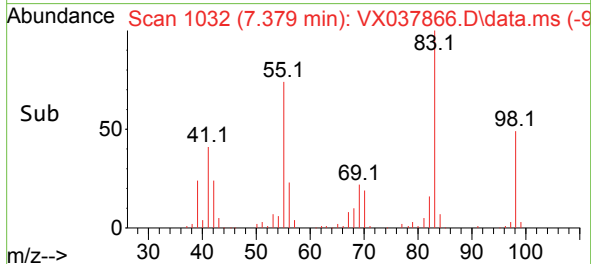


#39  
Methylcyclohexane  
Concen: 18.167 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :

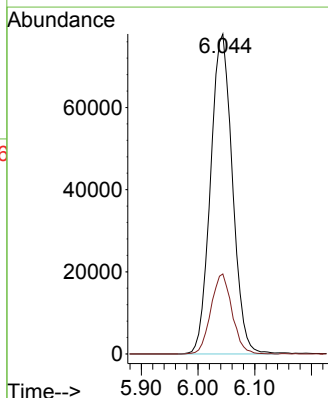
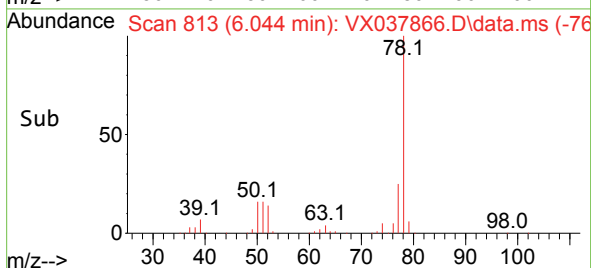
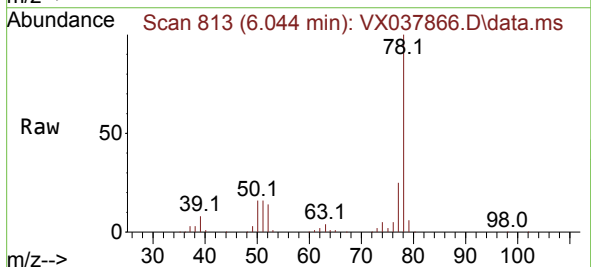


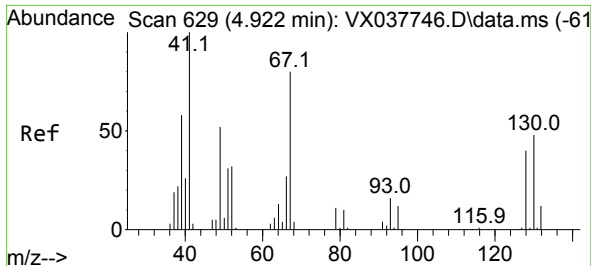
Tgt Ion: 83 Resp: 85196  
Ion Ratio Lower Upper  
83 100  
55 74.1 64.6 97.0  
98 48.9 36.7 55.1



#40  
Benzene  
Concen: 18.360 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

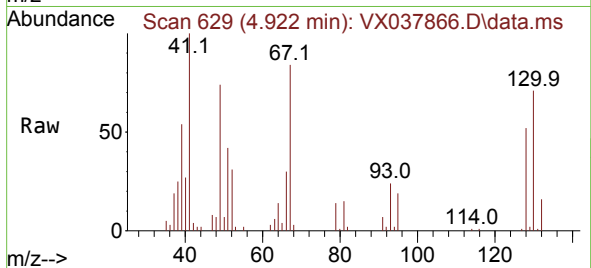
Tgt Ion: 78 Resp: 208614  
Ion Ratio Lower Upper  
78 100  
77 25.0 19.3 28.9



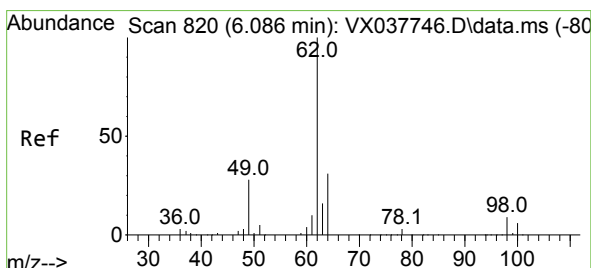
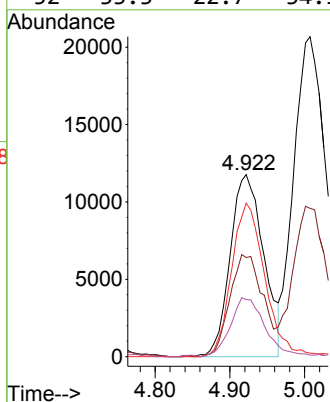
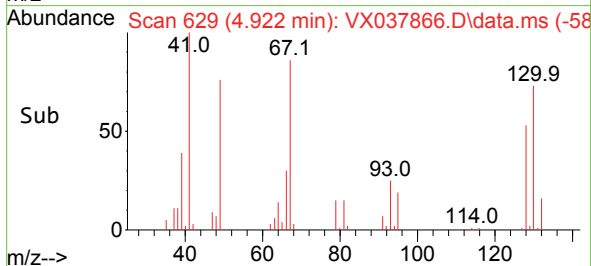


#41  
Methacrylonitrile  
Concen: 17.766 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.024 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :

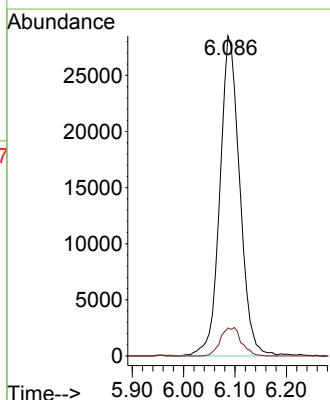
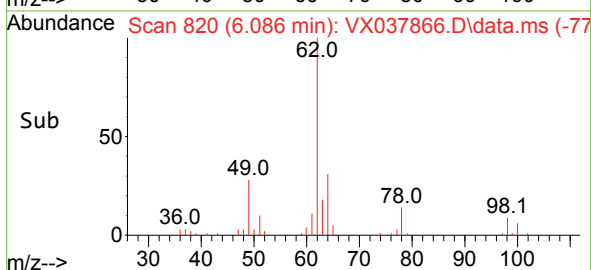
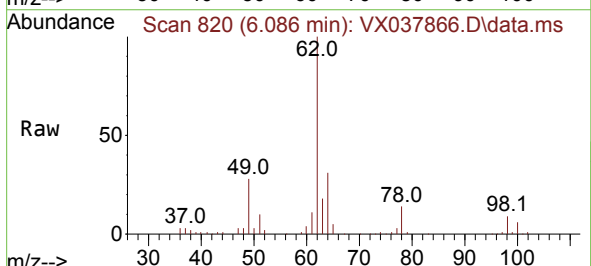


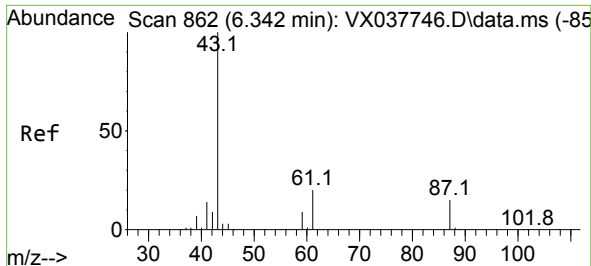
Tgt Ion: 41 Resp: 36798  
Ion Ratio Lower Upper  
41 100  
39 54.3 45.2 67.8  
67 83.9 52.6 78.8#  
52 33.3 22.7 34.1



#42  
1,2-Dichloroethane  
Concen: 18.647 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.012 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 62 Resp: 76578  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 17.375 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

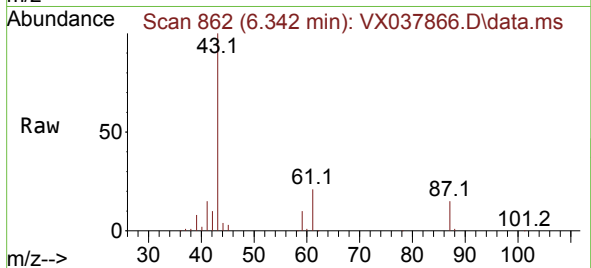
Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

ClientSampleId :



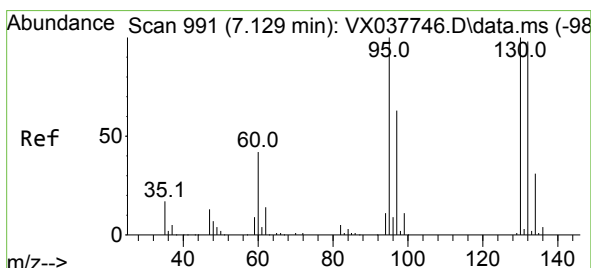
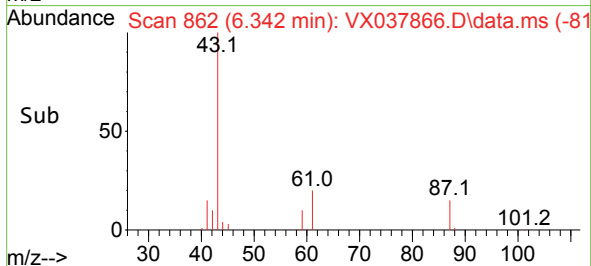
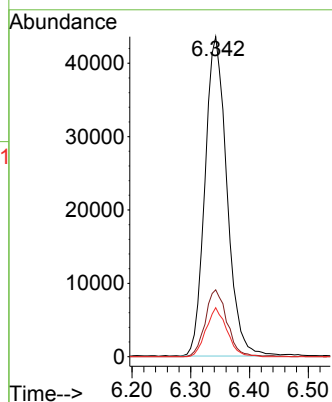
Tgt Ion: 43 Resp: 112856

Ion Ratio Lower Upper

43 100

61 20.7 15.2 22.8

87 14.6 9.8 14.6



#44

Trichloroethene

Concen: 18.299 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX037866.D

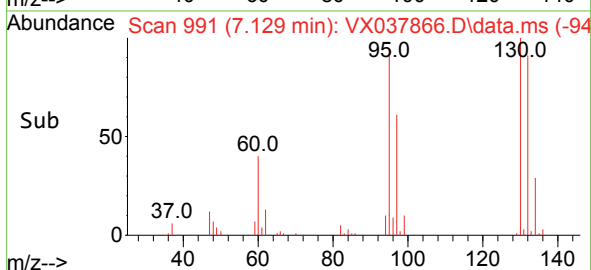
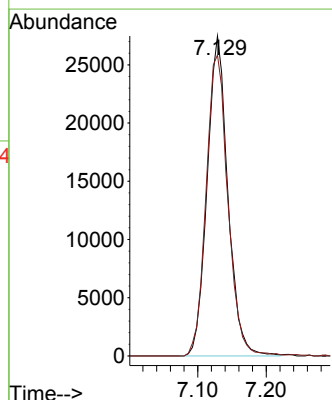
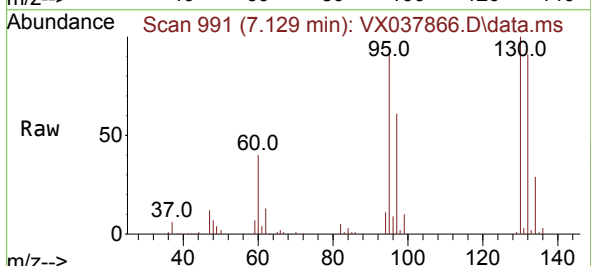
Acq: 22 Sep 2023 10:08

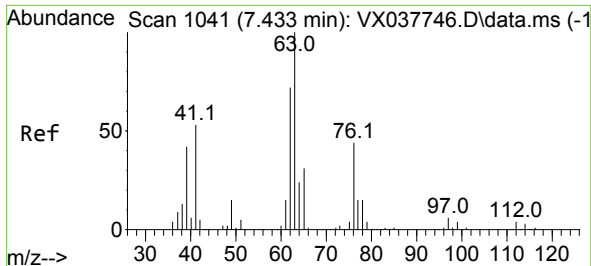
Tgt Ion:130 Resp: 57903

Ion Ratio Lower Upper

130 100

95 94.1 0.0 204.4

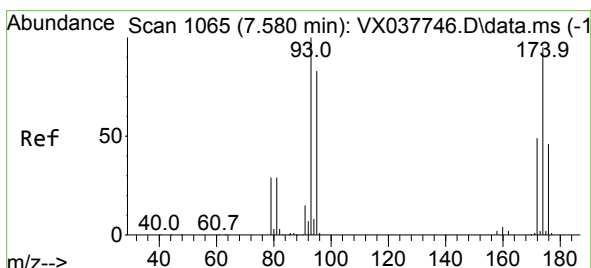
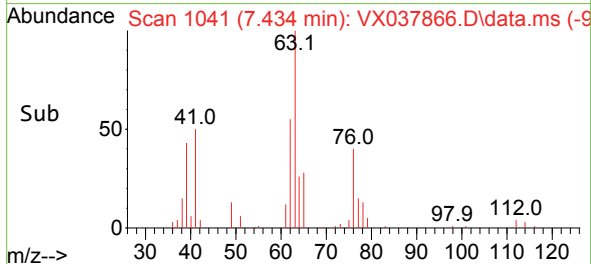
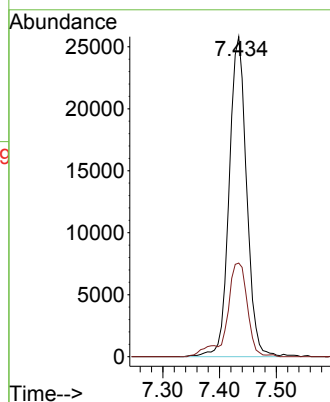
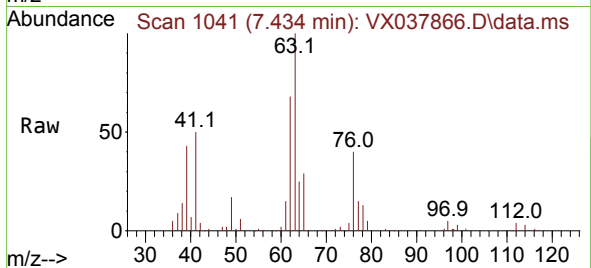




#45  
1,2-Dichloropropane  
Concen: 18.656 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

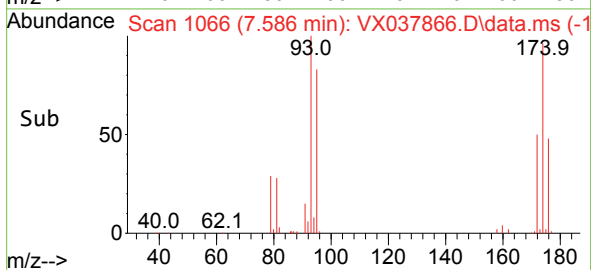
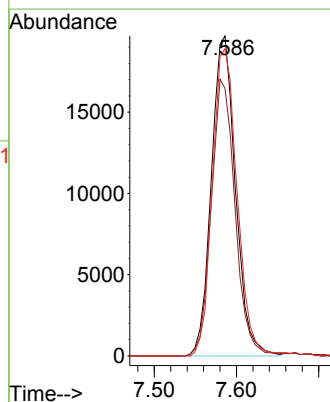
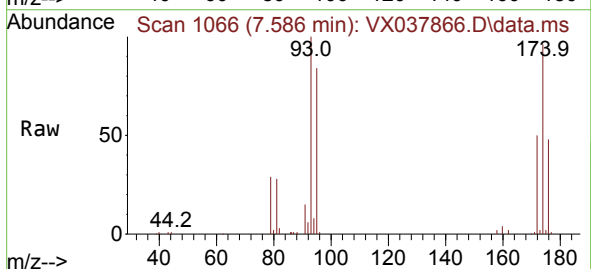
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 63 Resp: 55049  
Ion Ratio Lower Upper  
63 100  
65 29.2 24.3 36.5



#46  
Dibromomethane  
Concen: 18.905 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 93 Resp: 40128  
Ion Ratio Lower Upper  
93 100  
95 85.1 66.6 100.0  
174 99.3 69.4 104.0

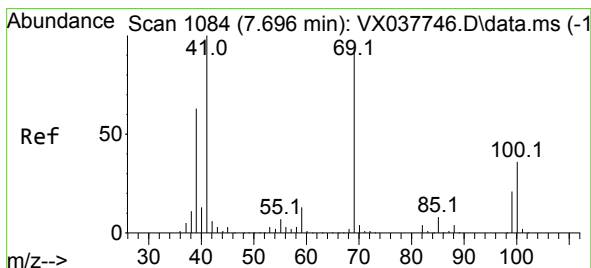
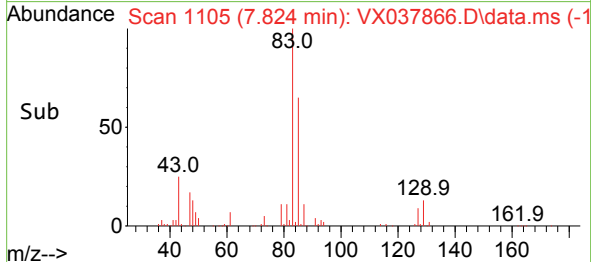
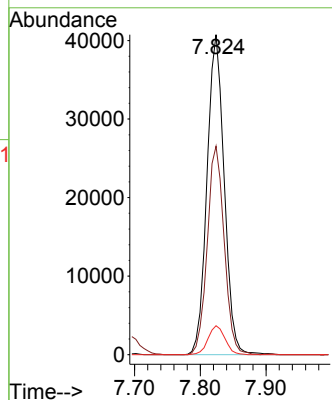
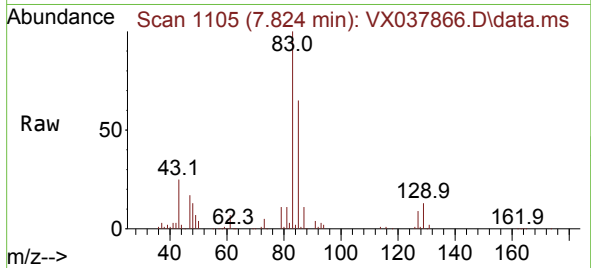




#47  
Bromodichloromethane  
Concen: 18.979 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

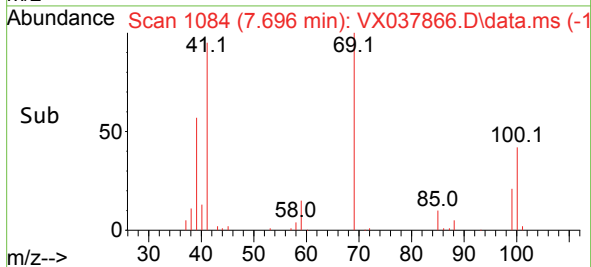
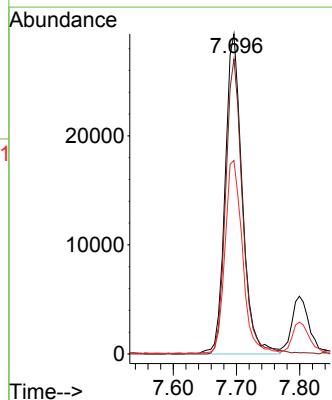
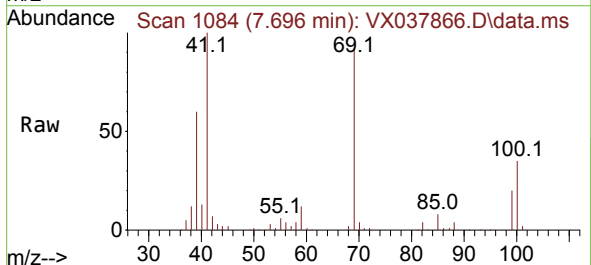
Instrument :  
MSVOA\_X  
ClientSampleId :

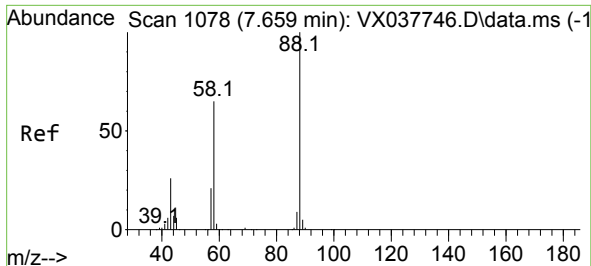
Tgt Ion: 83 Resp: 74195  
Ion Ratio Lower Upper  
83 100  
85 65.1 49.8 74.6  
127 9.1 7.1 10.7



#48  
Methyl methacrylate  
Concen: 17.761 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.006 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 41 Resp: 55147  
Ion Ratio Lower Upper  
41 100  
69 91.0 59.2 88.8#  
39 61.3 47.7 71.5





#49

1,4-Dioxane

Concen: 313.921 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.012 min

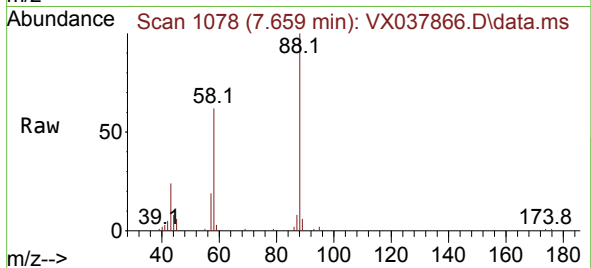
Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

ClientSampleId :



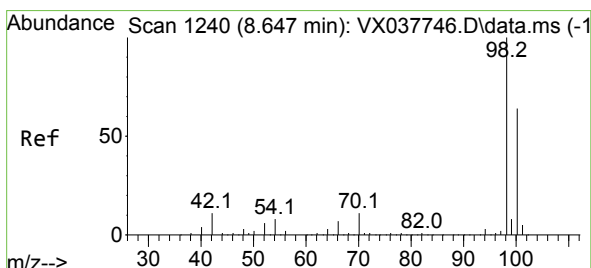
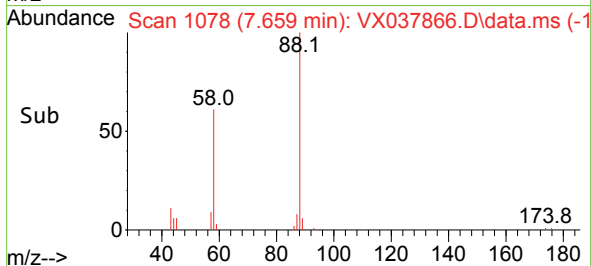
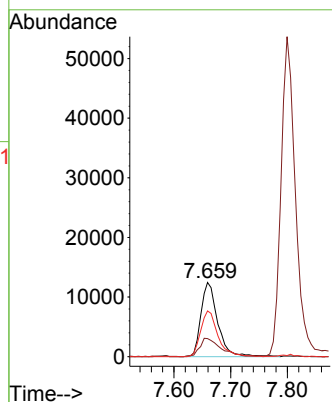
Tgt Ion: 88 Resp: 25554

Ion Ratio Lower Upper

88 100

43 31.4 0.0 0.0#

58 63.6 60.1 90.1



#50

Toluene-d8

Concen: 52.362 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037866.D

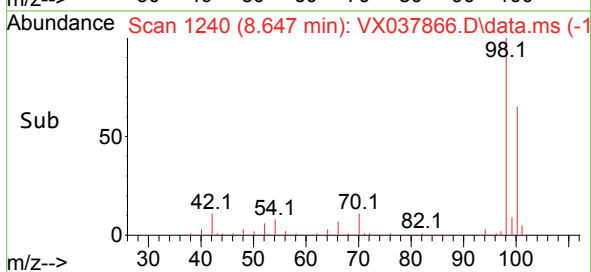
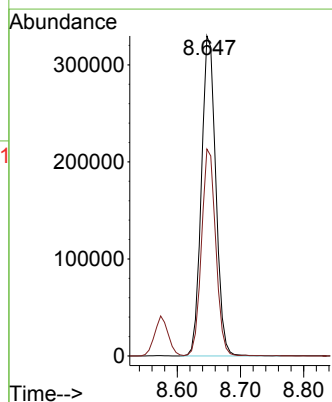
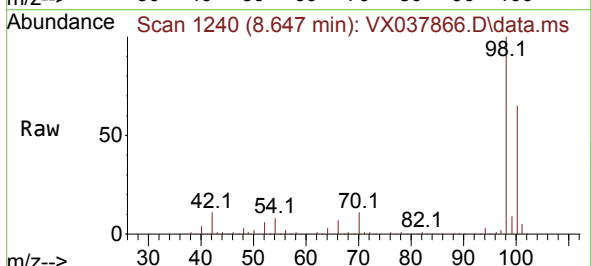
Acq: 22 Sep 2023 10:08

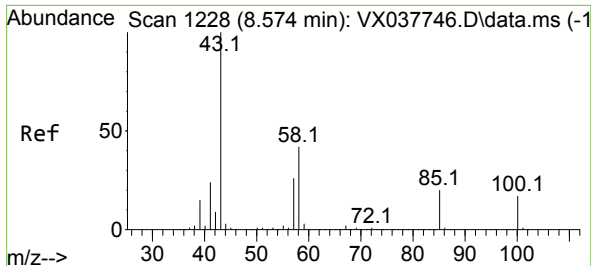
Tgt Ion: 98 Resp: 521855

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7

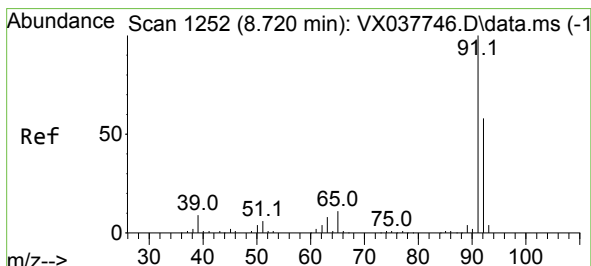
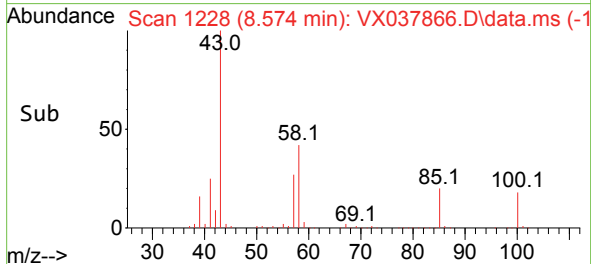
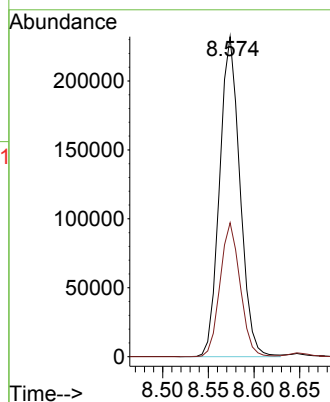
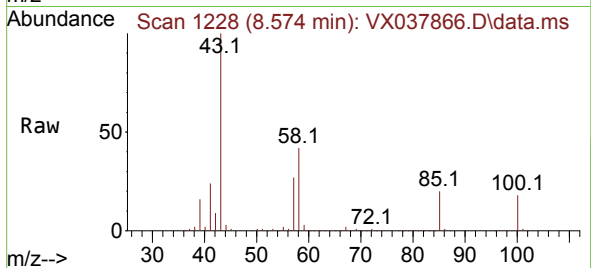




#51  
4-Methyl-2-Pentanone  
Concen: 87.353 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

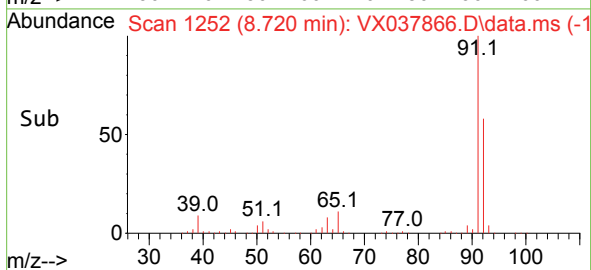
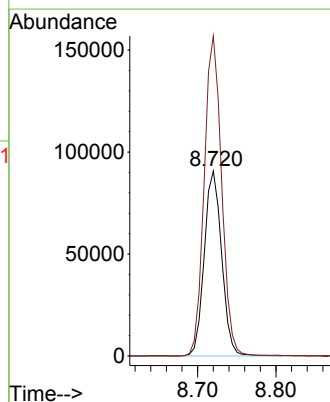
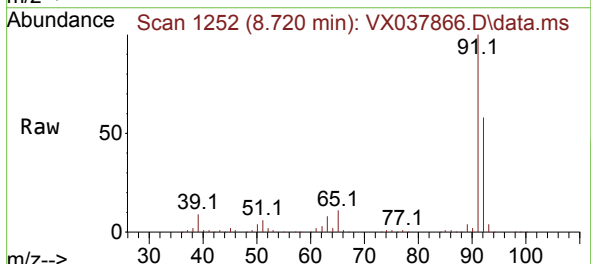
Instrument :  
MSVOA\_X  
ClientSampleId :

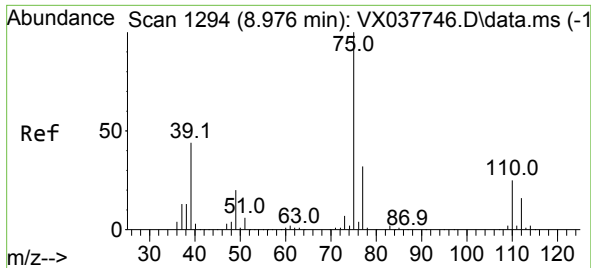
Tgt Ion: 43 Resp: 359982  
Ion Ratio Lower Upper  
43 100  
58 41.2 30.4 45.6



#52  
Toluene  
Concen: 19.064 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 92 Resp: 139605  
Ion Ratio Lower Upper  
92 100  
91 173.5 134.2 201.2

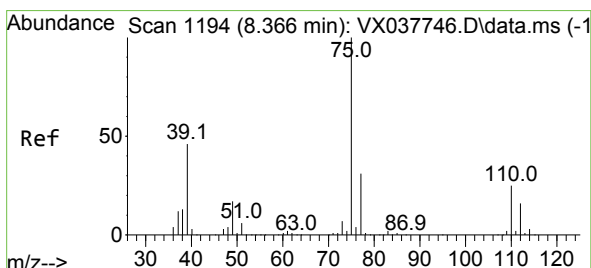
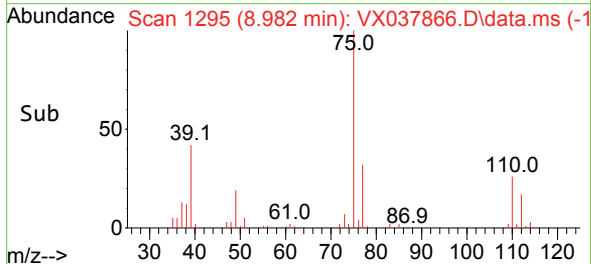
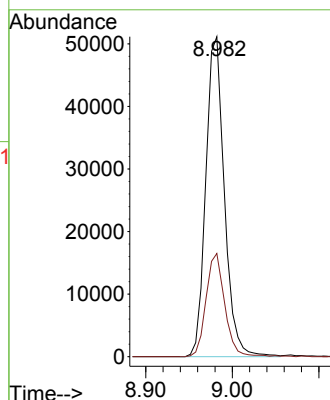
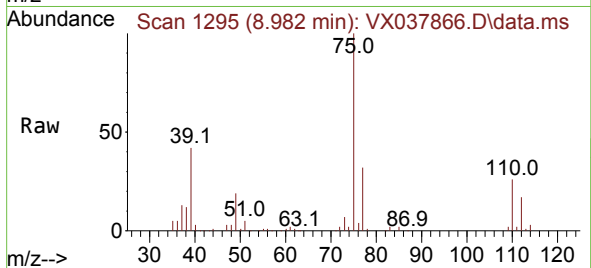




#53  
 t-1,3-Dichloropropene  
 Concen: 18.642 ug/l  
 RT: 8.982 min Scan# 1295  
 Delta R.T. -0.006 min  
 Lab File: VX037866.D  
 Acq: 22 Sep 2023 10:08

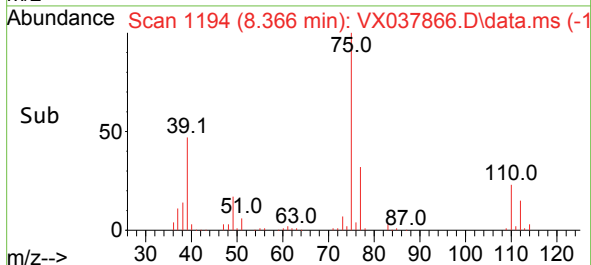
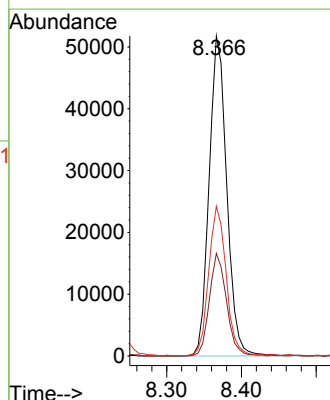
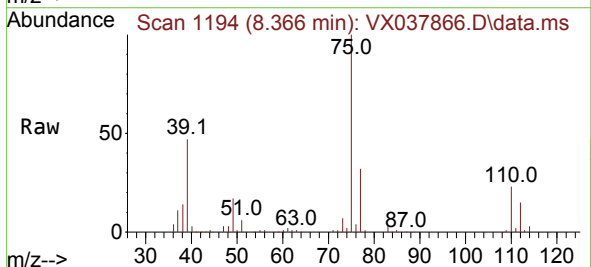
Instrument :  
 MSVOA\_X  
 ClientSampleId :

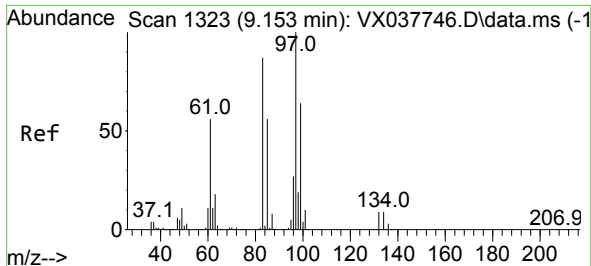
Tgt Ion: 75 Resp: 76199  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.782 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.006 min  
 Lab File: VX037866.D  
 Acq: 22 Sep 2023 10:08

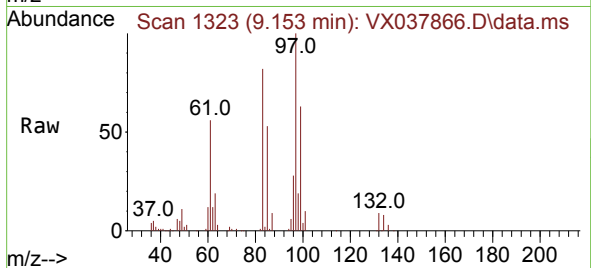
Tgt Ion: 75 Resp: 84966  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 25.3 37.9  
 39 46.7 46.7 70.1#



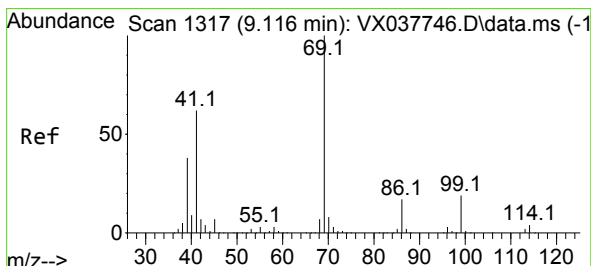
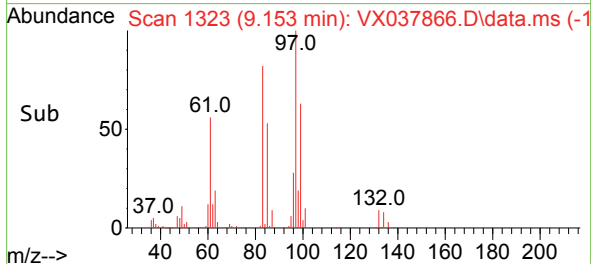
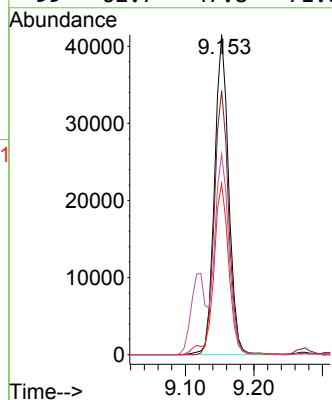


#55  
1,1,2-Trichloroethane  
Concen: 19.290 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :

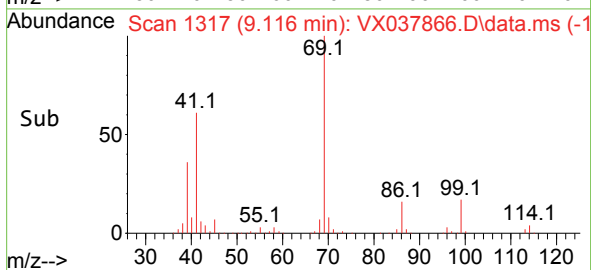
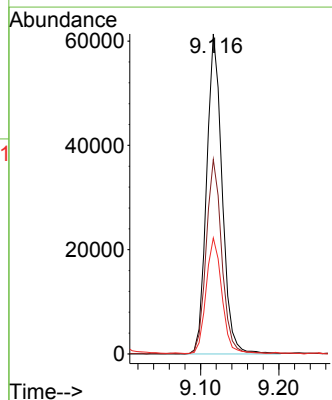
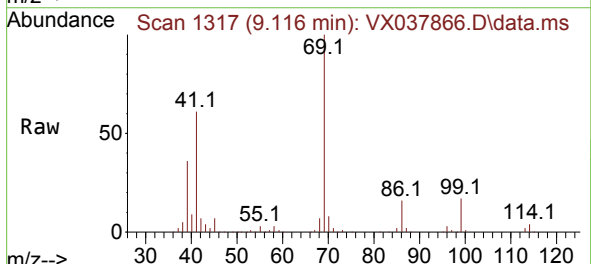


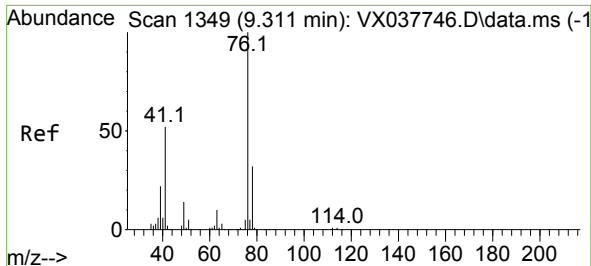
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 59557 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 82.5     | 65.8 98.8   |
| 85 53.5     | 41.6 62.4   |
| 99 62.7     | 47.8 71.8   |



#56  
Ethyl methacrylate  
Concen: 18.254 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 84136 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 61.6     | 56.8 85.2   |
| 39 36.7     | 32.0 48.0   |





#57

1,3-Dichloropropane

Concen: 18.607 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

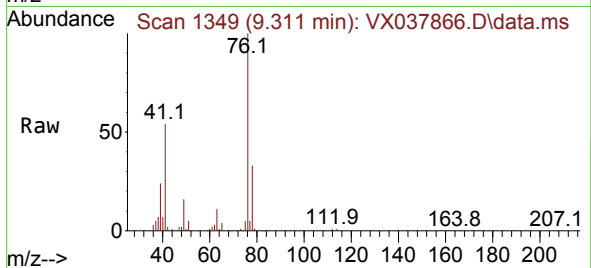
Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

ClientSampleId :

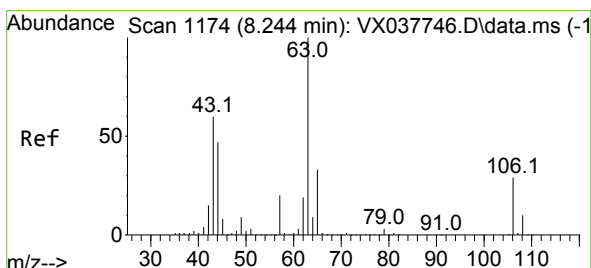
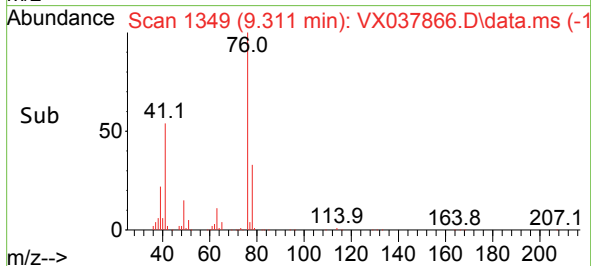
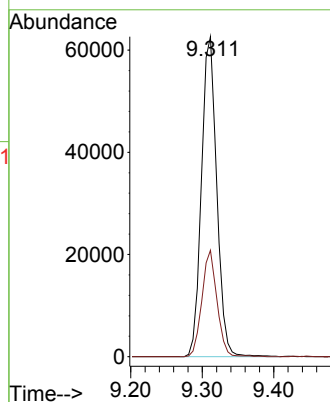


Tgt Ion: 76 Resp: 92964

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 91.398 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037866.D

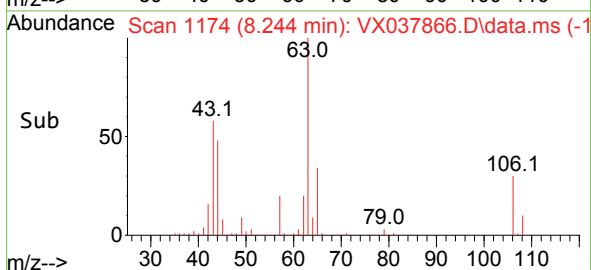
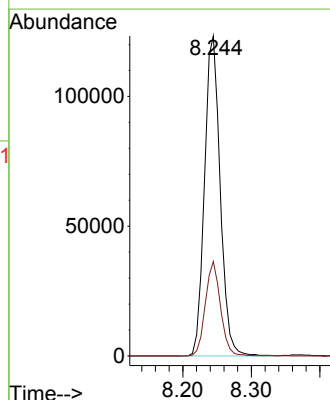
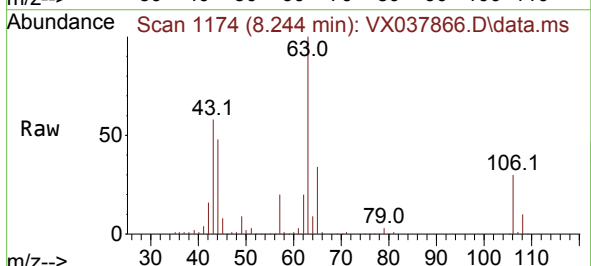
Acq: 22 Sep 2023 10:08

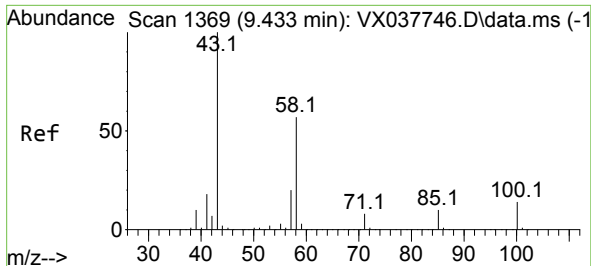
Tgt Ion: 63 Resp: 196711

Ion Ratio Lower Upper

63 100

106 28.5 22.5 33.7

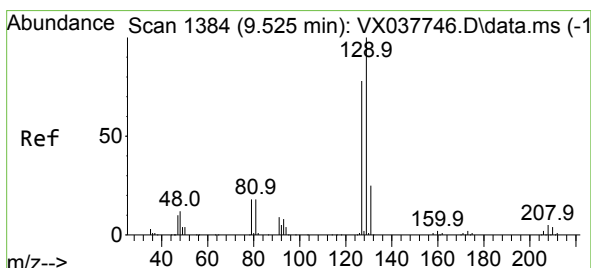
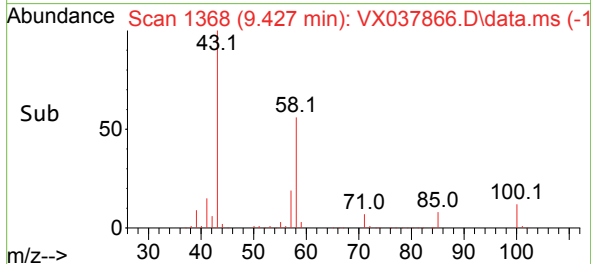
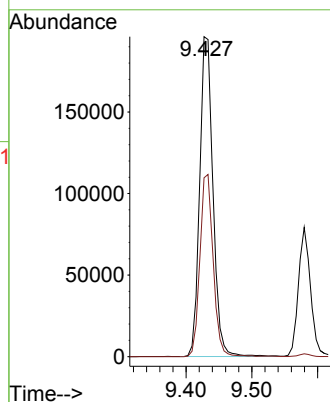
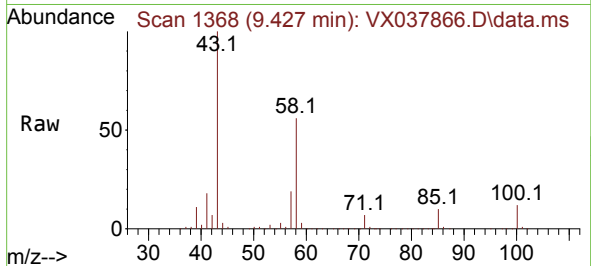




#59  
2-Hexanone  
Concen: 86.010 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.006 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

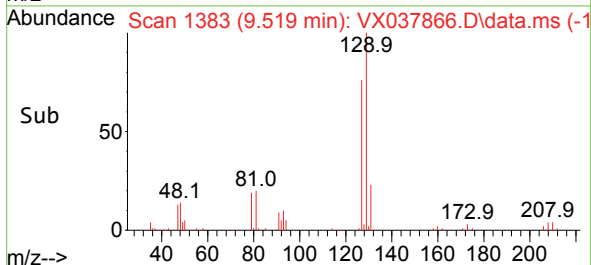
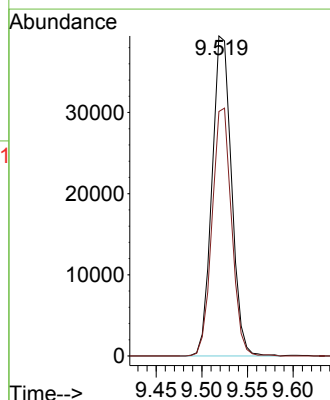
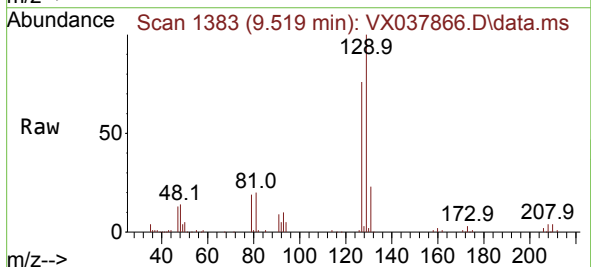
Instrument :  
MSVOA\_X  
ClientSampleId :

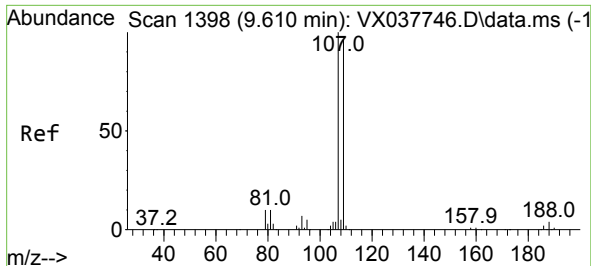
Tgt Ion: 43 Resp: 275972  
Ion Ratio Lower Upper  
43 100  
58 56.8 26.2 78.5



#60  
Dibromochloromethane  
Concen: 19.084 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 129 Resp: 58695  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.8 116.4

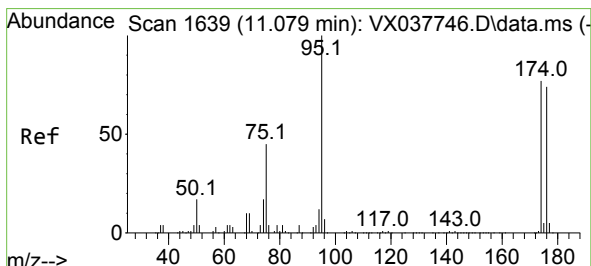
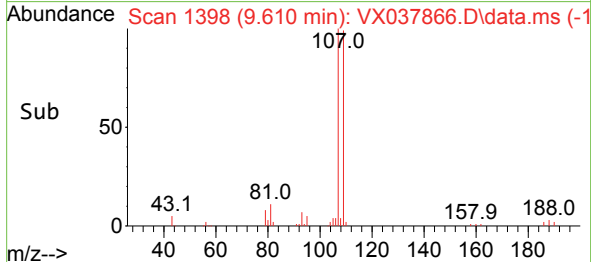
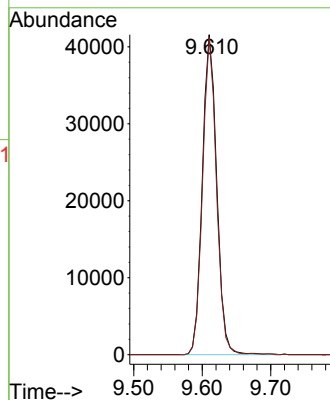
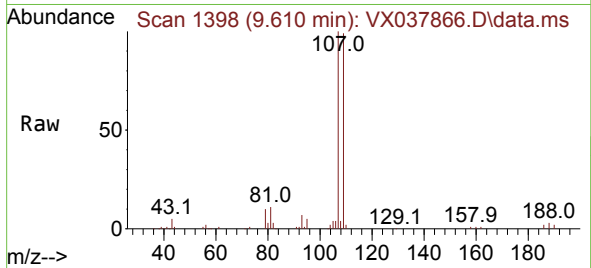




#61  
1,2-Dibromoethane  
Concen: 18.650 ug/l  
RT: 9.610 min Scan# 1133  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

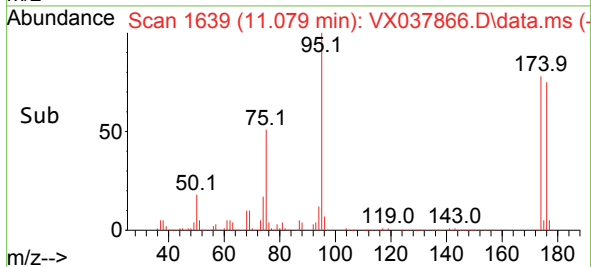
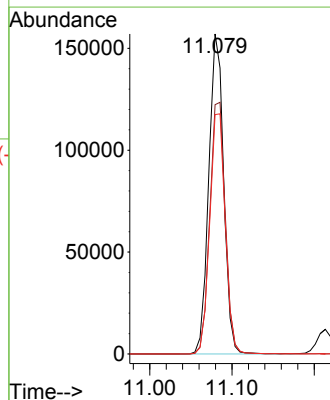
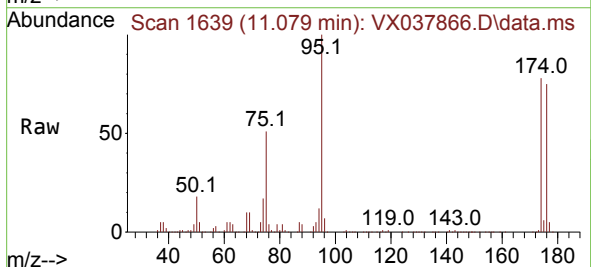
Instrument :  
MSVOA\_X  
ClientSampleId :

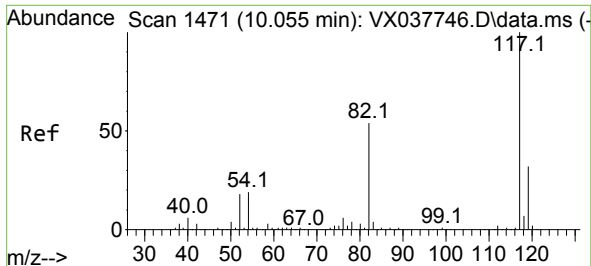
Tgt Ion:107 Resp: 60966  
Ion Ratio Lower Upper  
107 100  
109 95.8 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 54.440 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 95 Resp: 197157  
Ion Ratio Lower Upper  
95 100  
174 82.1 0.0 135.6  
176 78.7 0.0 131.0

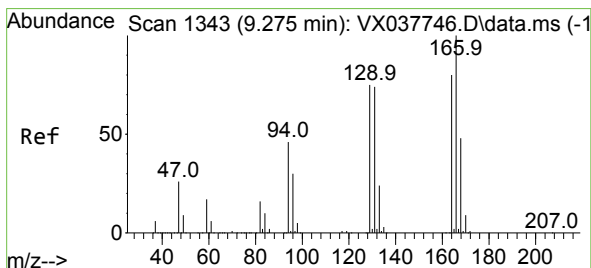
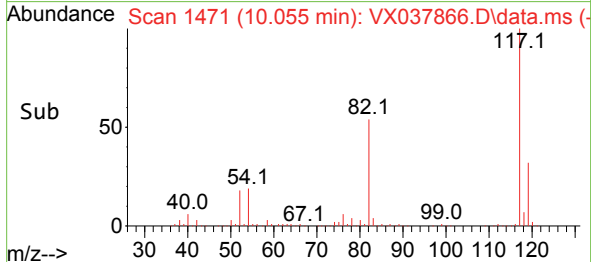
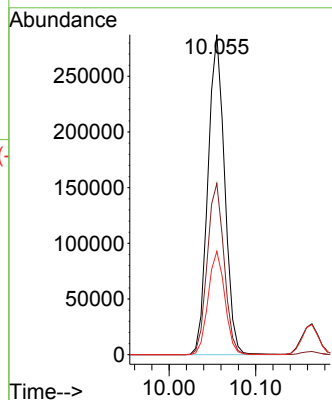
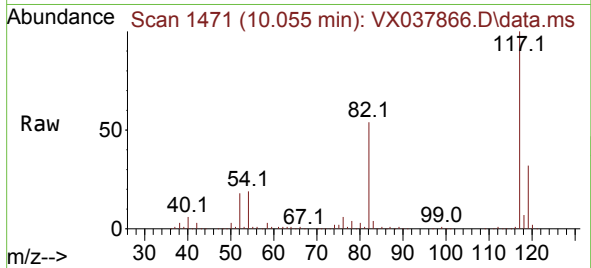




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

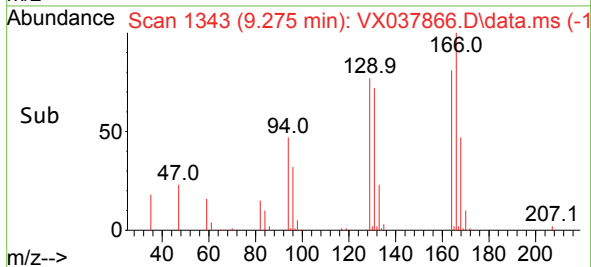
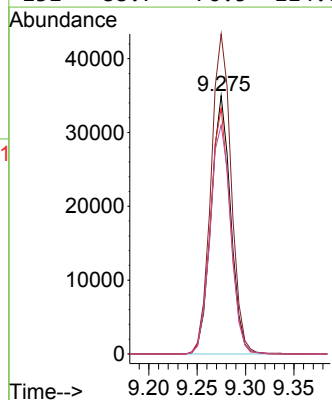
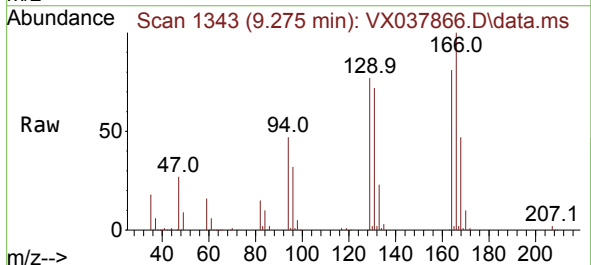
Instrument :  
MSVOA\_X  
ClientSampleId :

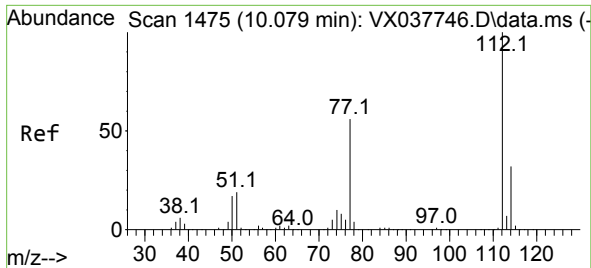
Tgt Ion:117 Resp: 384114  
Ion Ratio Lower Upper  
117 100  
82 53.5 46.2 69.4  
119 32.3 25.5 38.3



#64  
Tetrachloroethene  
Concen: 18.729 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

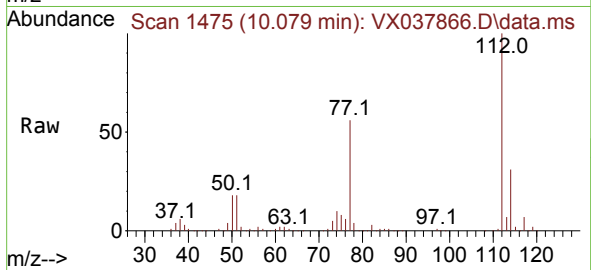
Tgt Ion:164 Resp: 49062  
Ion Ratio Lower Upper  
164 100  
166 123.9 102.7 154.1  
129 95.1 80.4 120.6  
131 88.7 76.5 114.7



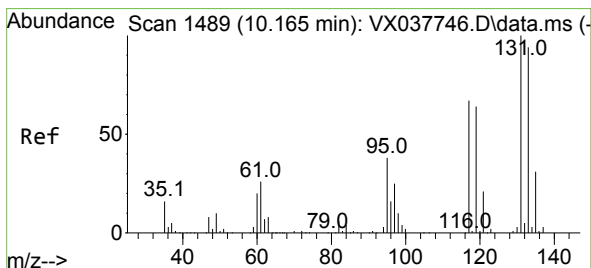
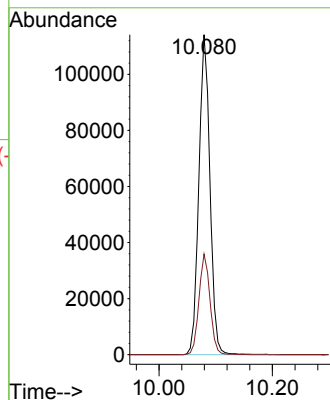
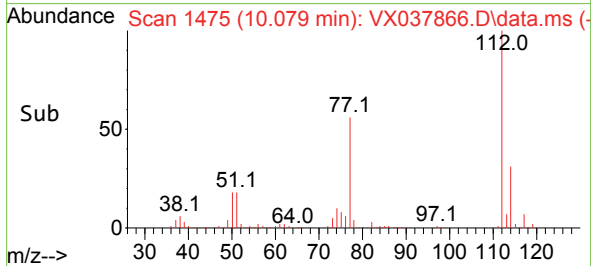


#65  
Chlorobenzene  
Concen: 18.652 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

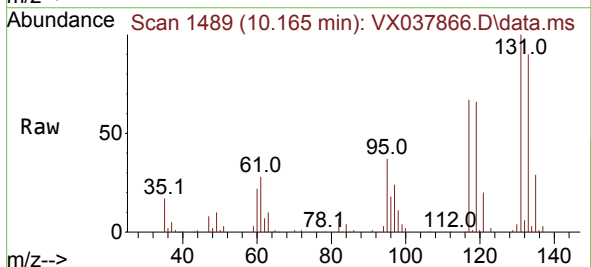
Instrument :  
MSVOA\_X  
ClientSampleId :



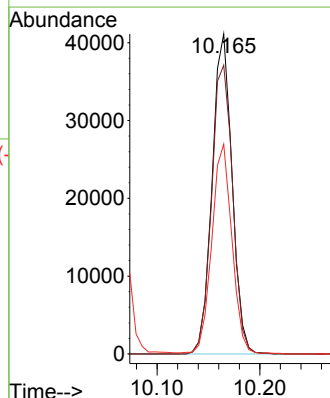
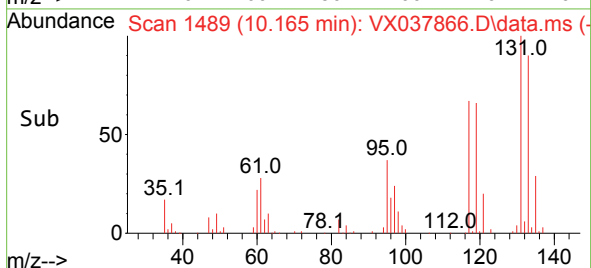
Tgt Ion:112 Resp: 154536  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.7 38.5

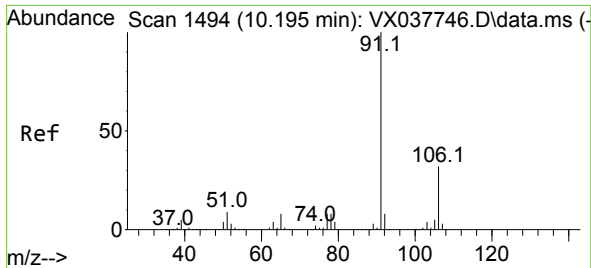


#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.854 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08



Tgt Ion:131 Resp: 55359  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.1 141.4  
119 66.5 32.2 96.6





#67

Ethyl Benzene

Concen: 18.837 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

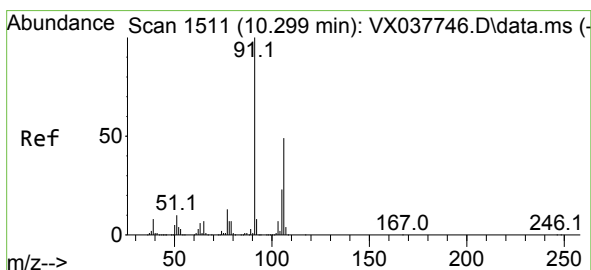
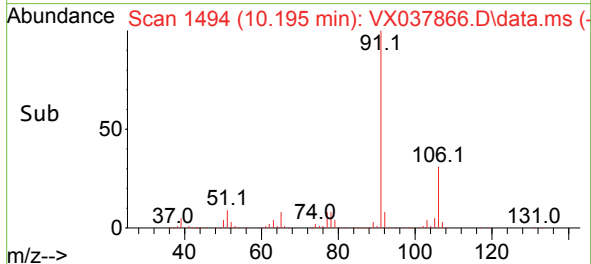
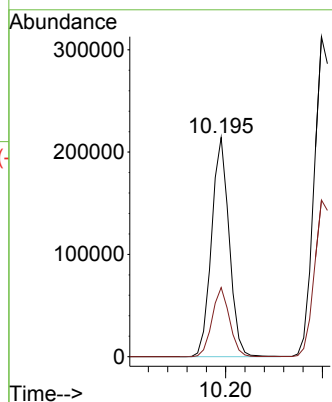
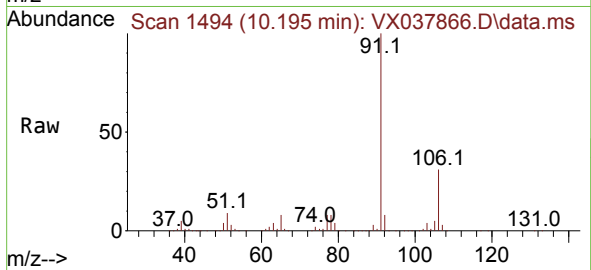
ClientSampleId :

Tgt Ion: 91 Resp: 270589

Ion Ratio Lower Upper

91 100

106 31.5 24.9 37.3



#68

m/p-Xylenes

Concen: 37.746 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX037866.D

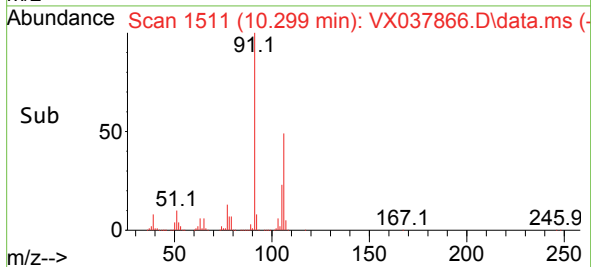
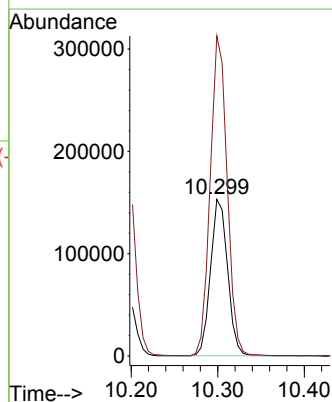
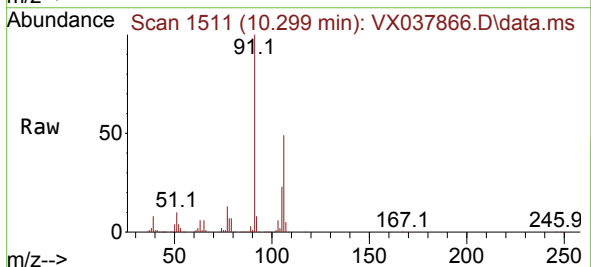
Acq: 22 Sep 2023 10:08

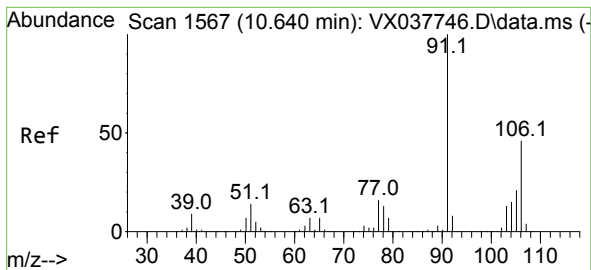
Tgt Ion: 106 Resp: 209520

Ion Ratio Lower Upper

106 100

91 203.0 165.5 248.3





#69

o-Xylene

Concen: 18.346 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

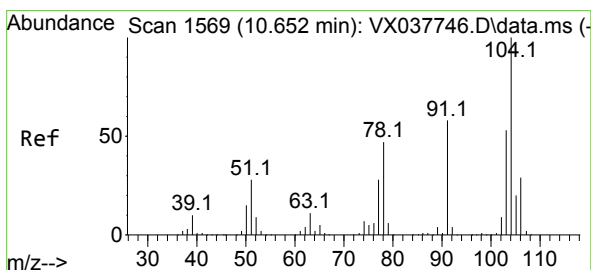
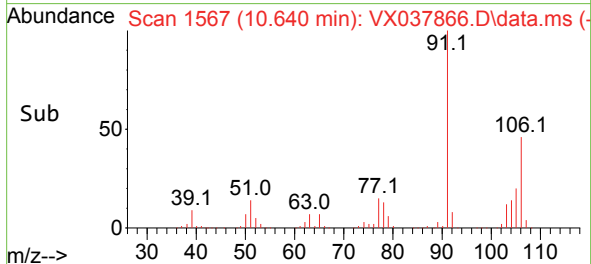
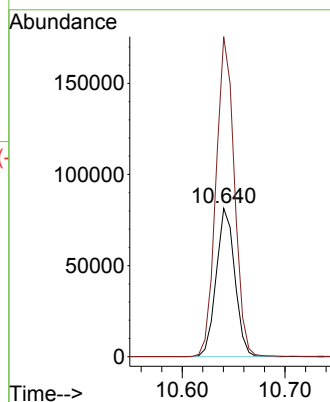
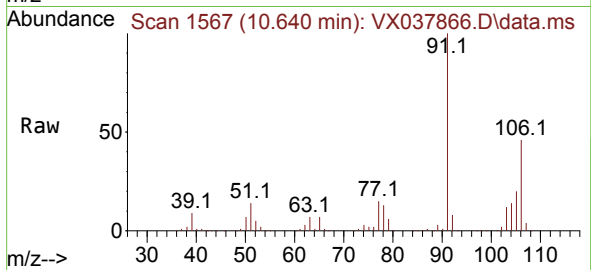
ClientSampleId :

Tgt Ion:106 Resp: 102117

Ion Ratio Lower Upper

106 100

91 213.6 108.9 326.8



#70

Styrene

Concen: 19.077 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

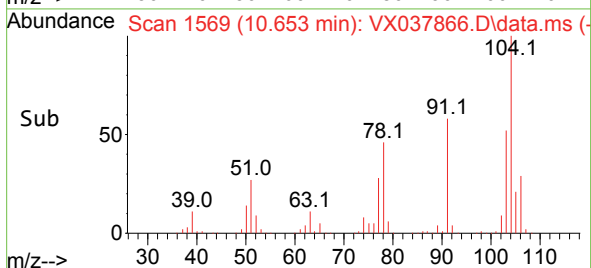
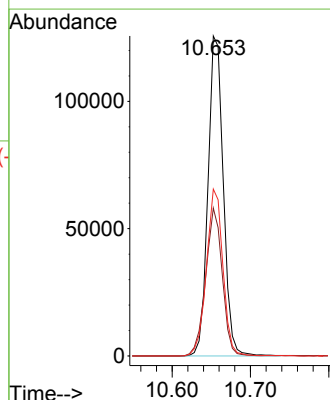
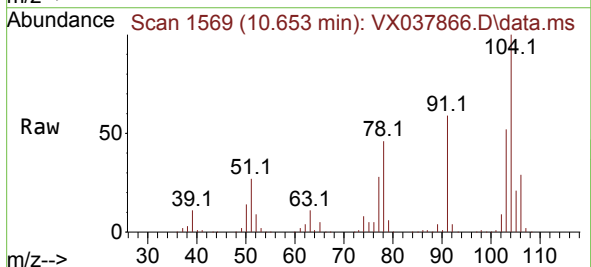
Tgt Ion:104 Resp: 170470

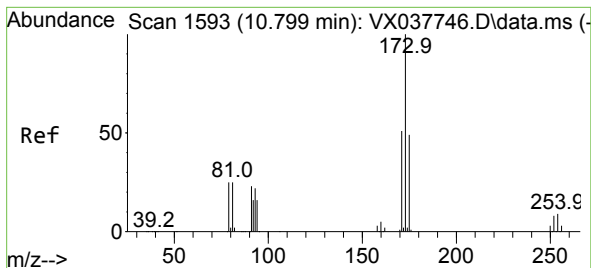
Ion Ratio Lower Upper

104 100

78 50.1 43.6 65.4

103 56.0 43.6 65.4





#71

Bromoform

Concen: 18.093 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

ClientSampleId :

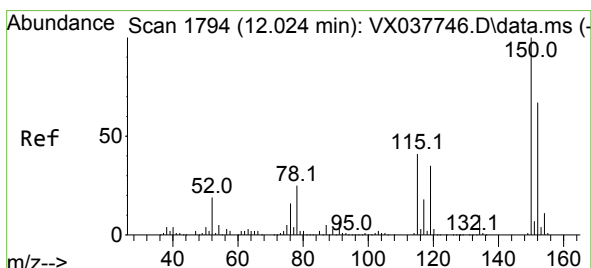
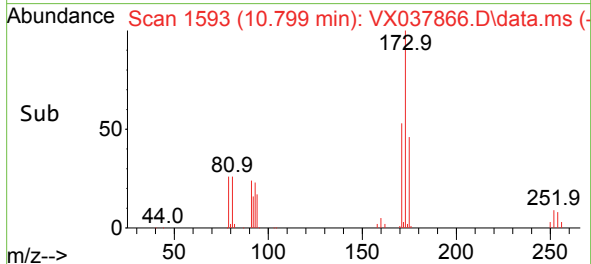
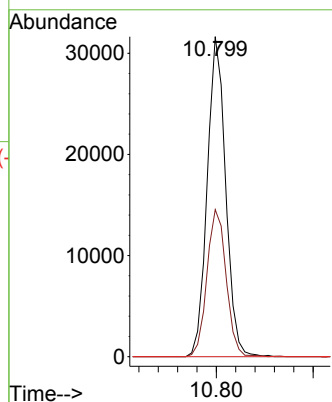
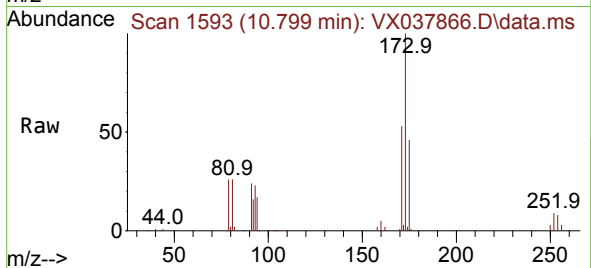
Tgt Ion:173 Resp: 41967

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

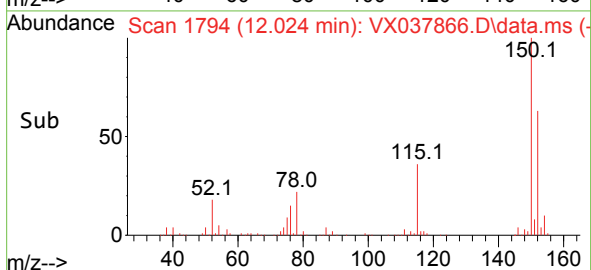
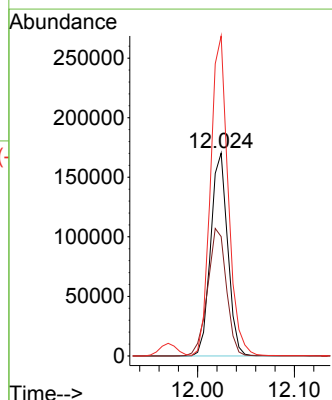
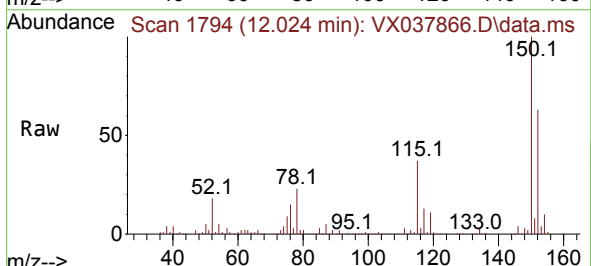
Tgt Ion:152 Resp: 208426

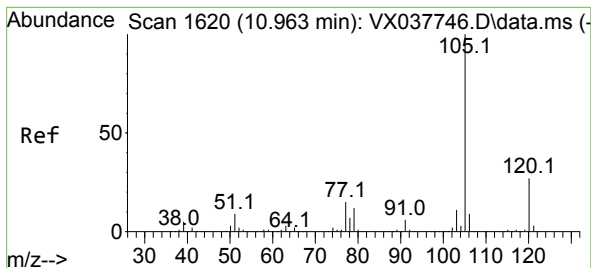
Ion Ratio Lower Upper

152 100

115 69.5 43.3 129.9

150 163.7 0.0 345.0





#73

Isopropylbenzene

Concen: 17.807 ug/l

RT: 10.964 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

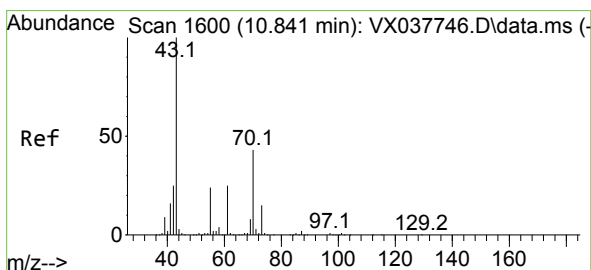
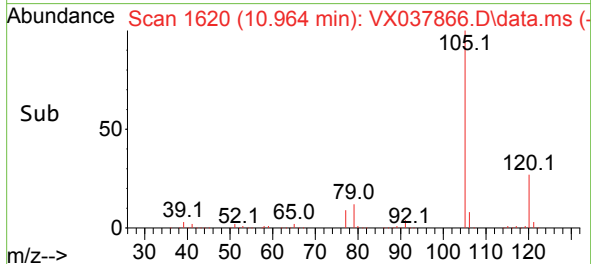
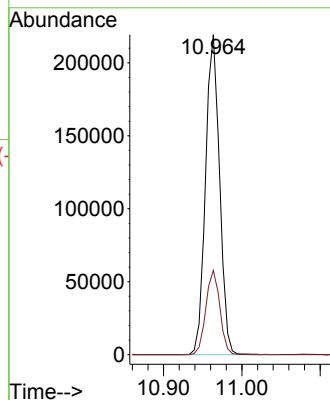
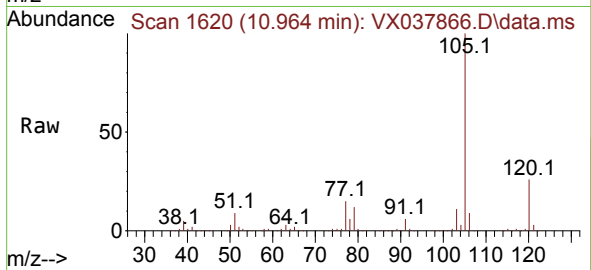
ClientSampleId :

Tgt Ion:105 Resp: 272297

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.6



#74

N-ethyl acetate

Concen: 16.605 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Tgt Ion: 43 Resp: 102831

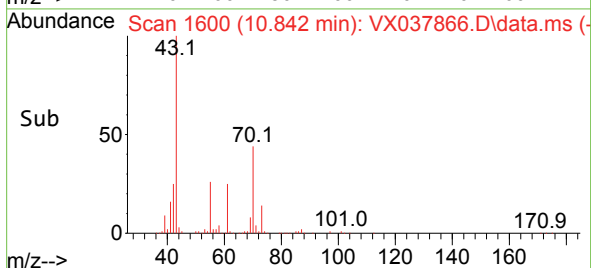
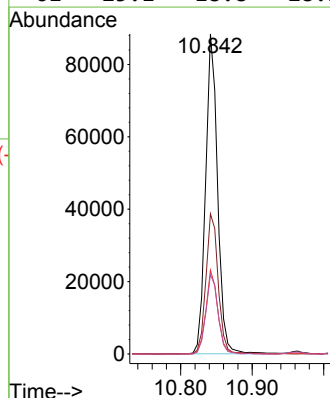
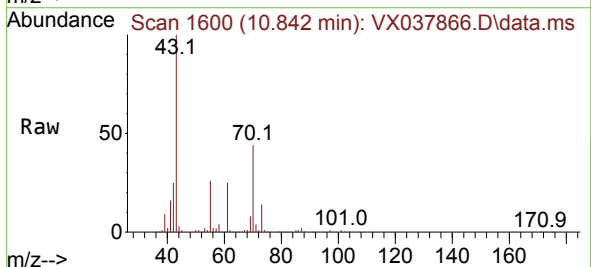
Ion Ratio Lower Upper

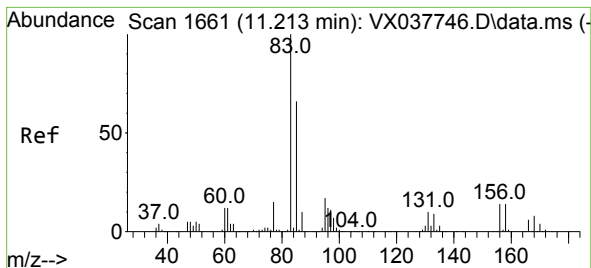
43 100

70 45.2 32.9 49.3

55 26.2 19.3 28.9

61 25.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.520 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

ClientSampleId :

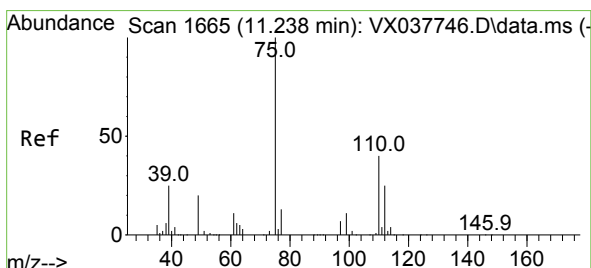
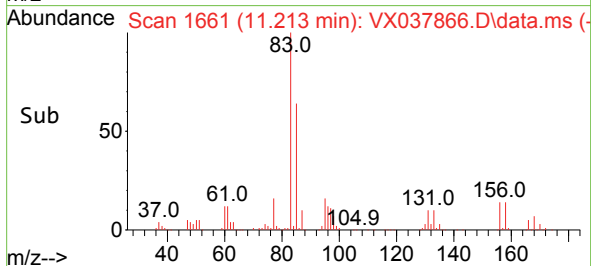
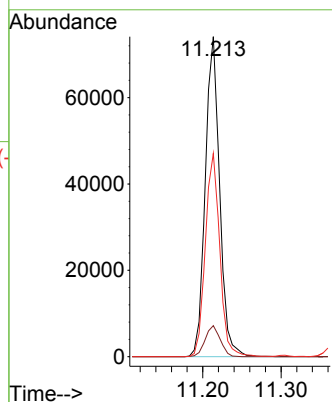
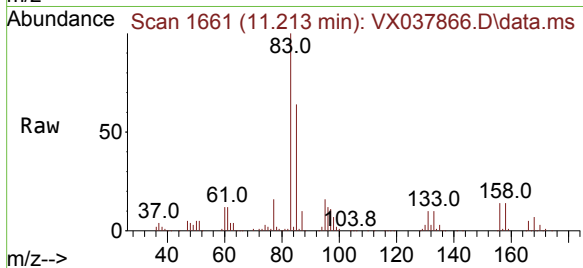
Tgt Ion: 83 Resp: 94218

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

85 64.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 19.288 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX037866.D

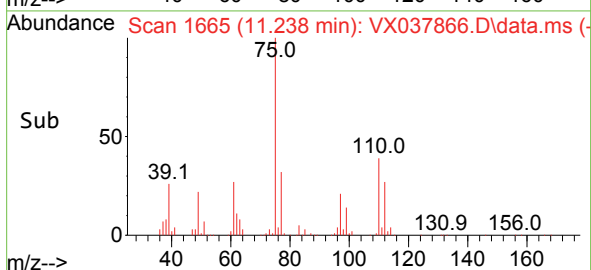
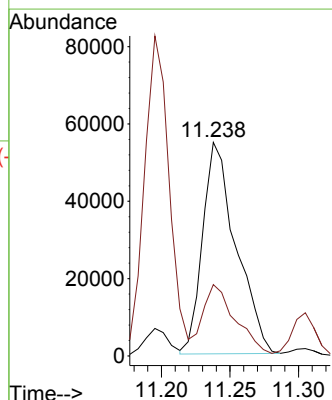
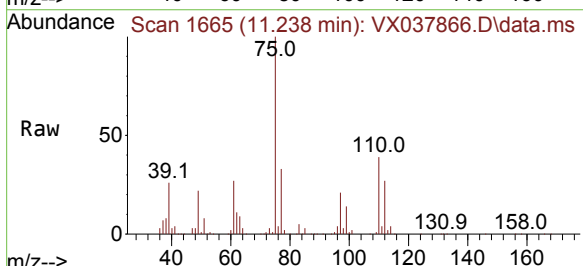
Acq: 22 Sep 2023 10:08

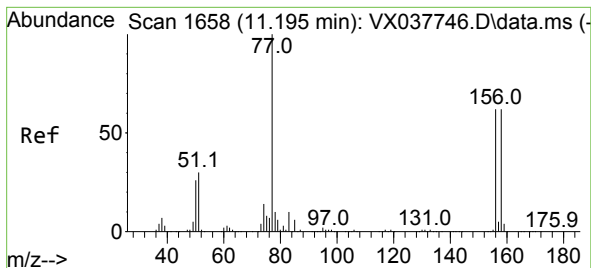
Tgt Ion: 75 Resp: 92982

Ion Ratio Lower Upper

75 100

77 33.5 19.1 57.5





#77

Bromobenzene

Concen: 18.094 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

ClientSampleId :

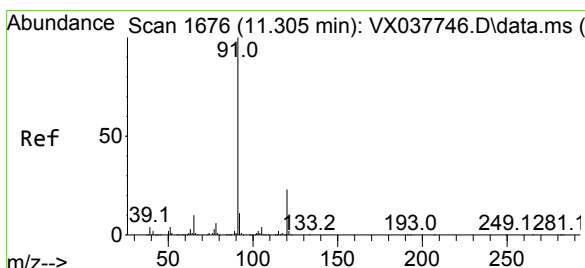
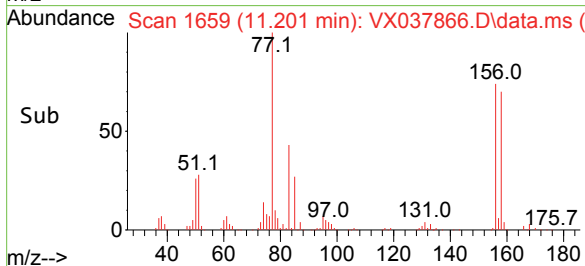
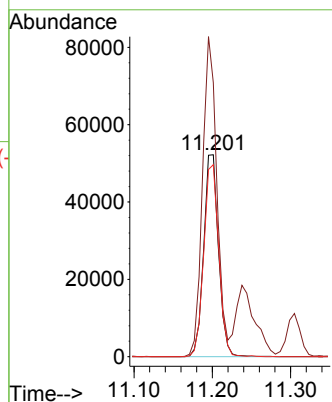
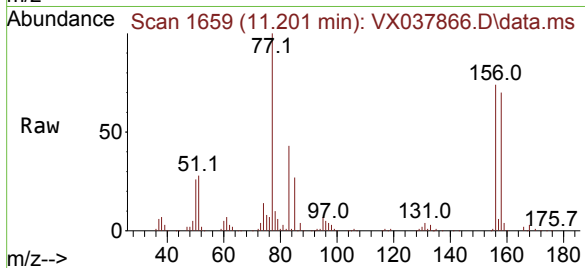
Tgt Ion:156 Resp: 68483

Ion Ratio Lower Upper

156 100

77 153.0 88.4 265.3

158 96.7 48.0 144.0



#78

n-propylbenzene

Concen: 18.764 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037866.D

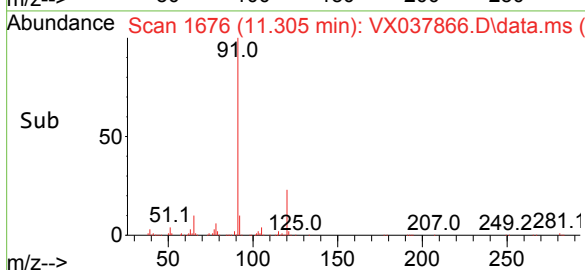
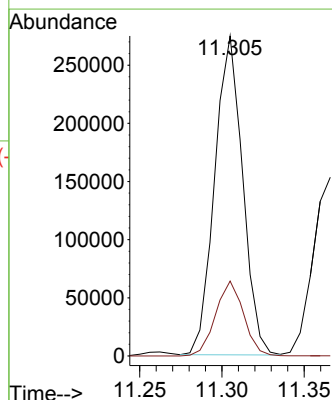
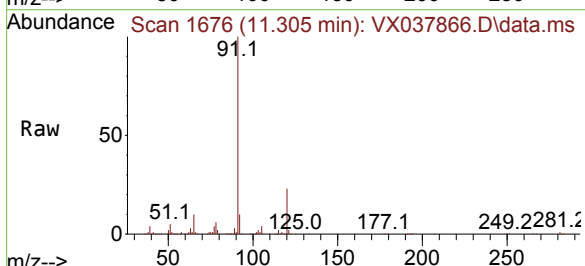
Acq: 22 Sep 2023 10:08

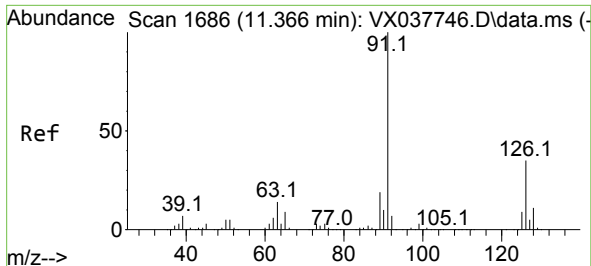
Tgt Ion: 91 Resp: 324031

Ion Ratio Lower Upper

91 100

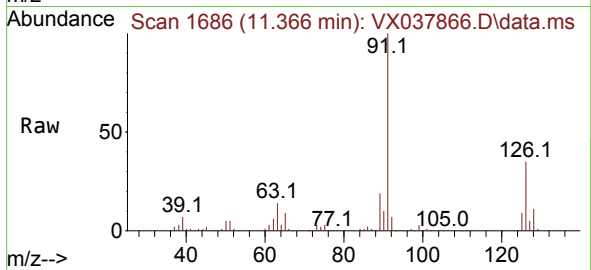
120 23.6 11.5 34.4



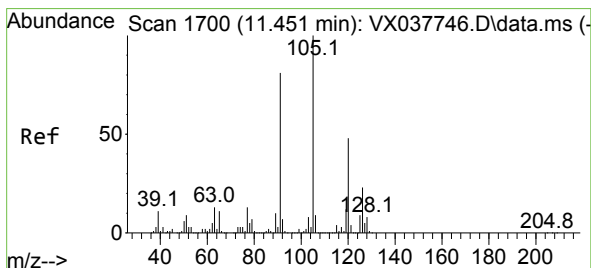
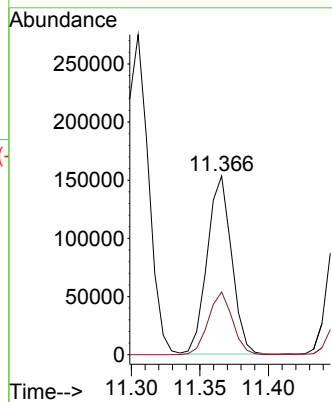
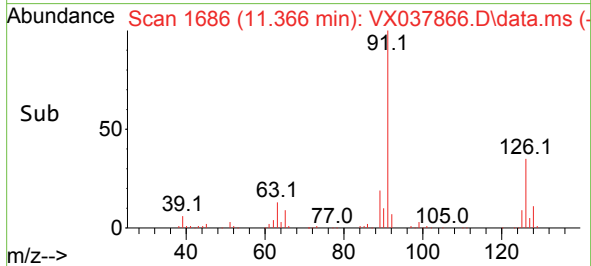


#79  
2-Chlorotoluene  
Concen: 17.799 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :

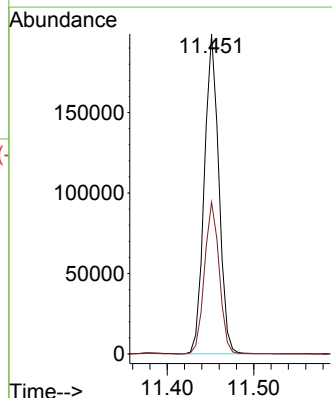
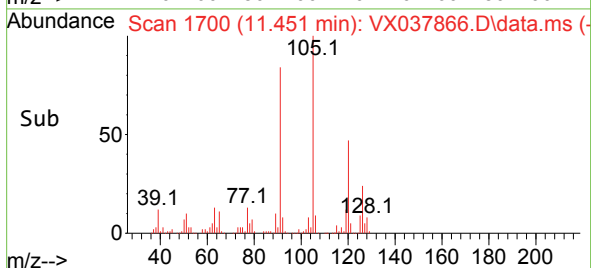
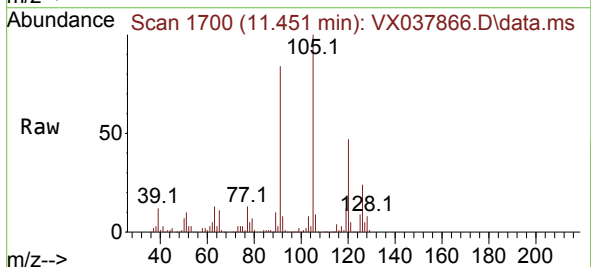


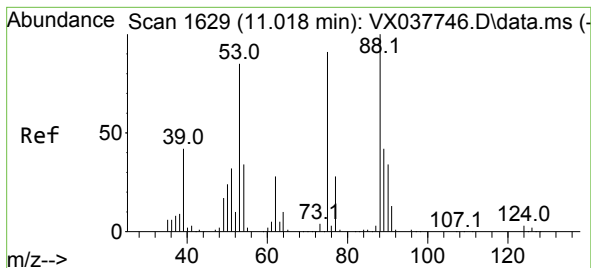
Tgt Ion: 91 Resp: 189525  
Ion Ratio Lower Upper  
91 100  
126 34.8 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 17.865 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 105 Resp: 230702  
Ion Ratio Lower Upper  
105 100  
120 48.3 24.1 72.3

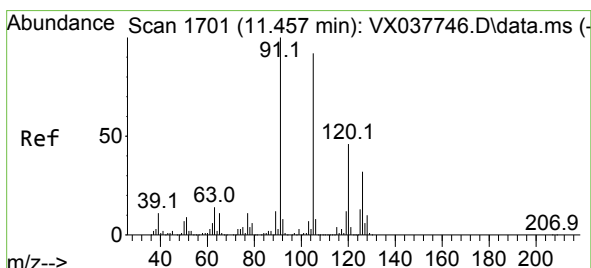
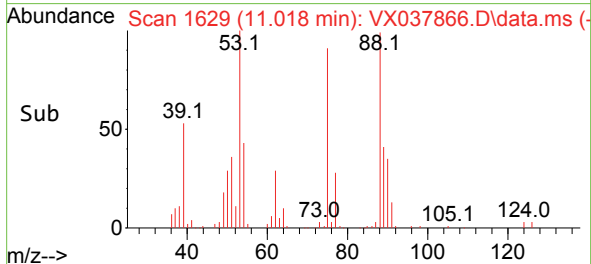
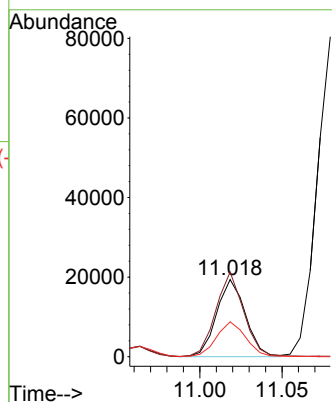
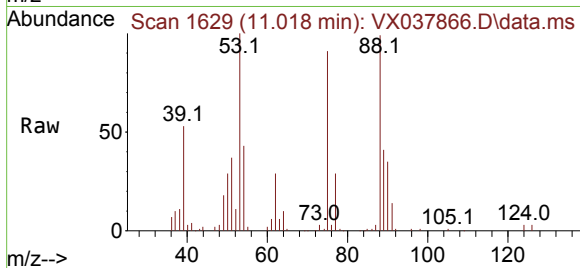




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 15.733 ug/l  
 RT: 11.018 min Scan# 1629  
 Delta R.T. 0.000 min  
 Lab File: VX037866.D  
 Acq: 22 Sep 2023 10:08

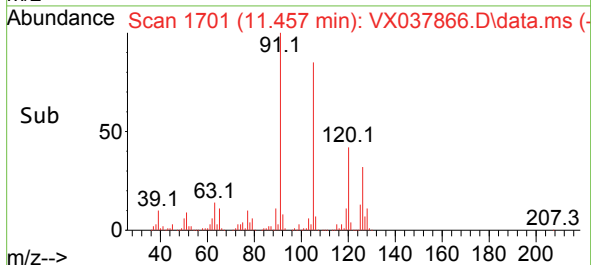
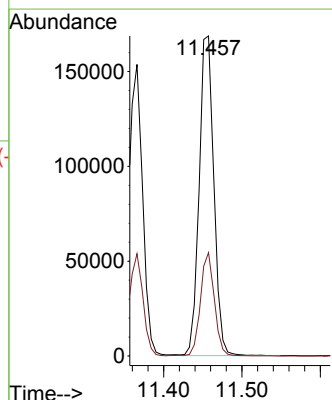
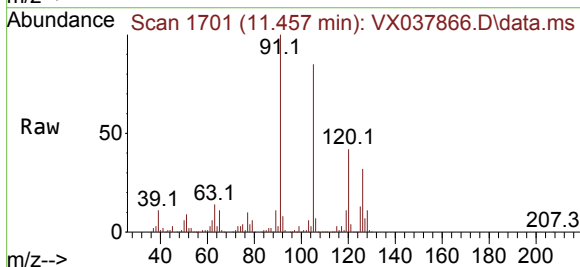
Instrument :  
 MSVOA\_X  
 ClientSampleId :

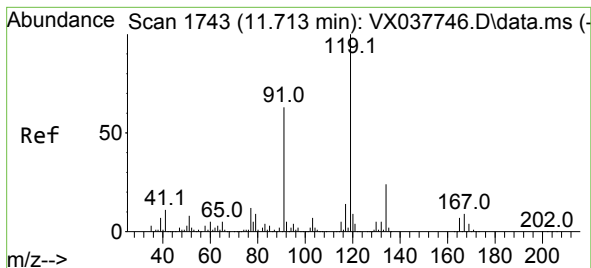
Tgt Ion: 75 Resp: 23676  
 Ion Ratio Lower Upper  
 75 100  
 53 105.3 90.5 135.7  
 89 46.3 36.9 55.3



#82  
 4-Chlorotoluene  
 Concen: 18.370 ug/l  
 RT: 11.457 min Scan# 1701  
 Delta R.T. -0.000 min  
 Lab File: VX037866.D  
 Acq: 22 Sep 2023 10:08

Tgt Ion: 91 Resp: 220212  
 Ion Ratio Lower Upper  
 91 100  
 126 30.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 17.775 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

ClientSampleId :

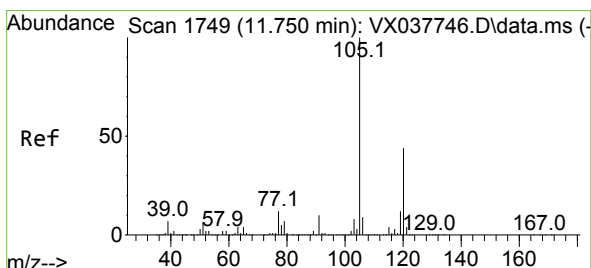
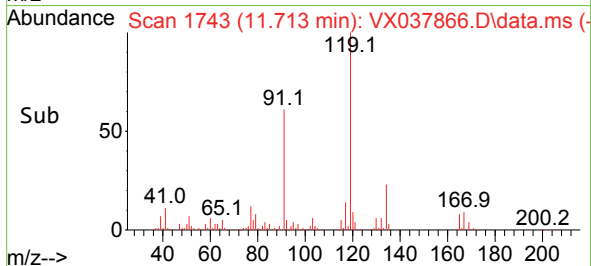
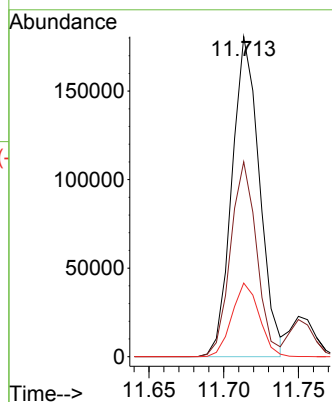
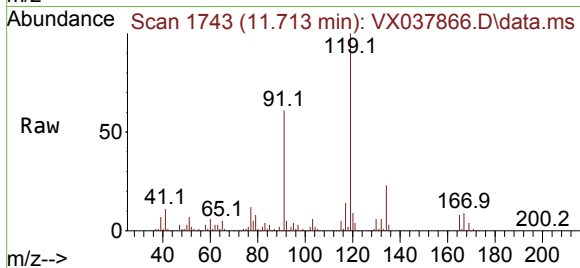
Tgt Ion:119 Resp: 231992

Ion Ratio Lower Upper

119 100

91 57.8 31.2 93.6

134 22.8 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 18.264 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037866.D

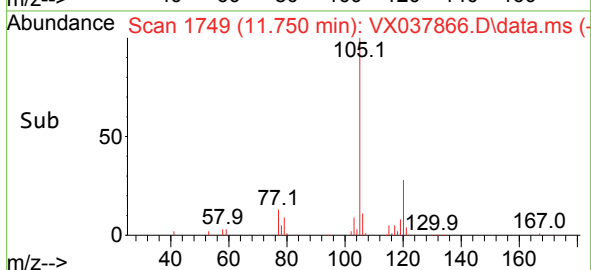
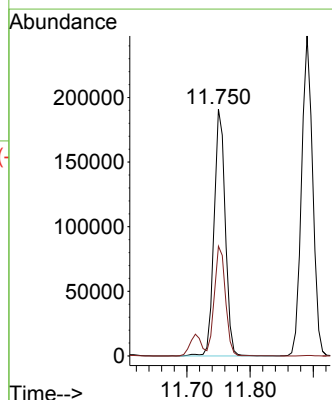
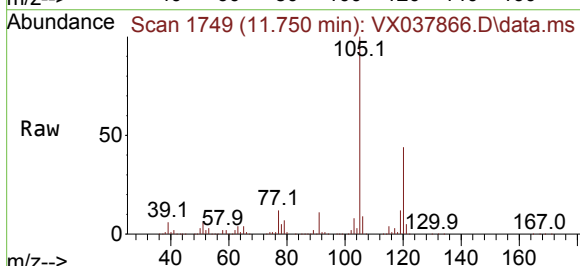
Acq: 22 Sep 2023 10:08

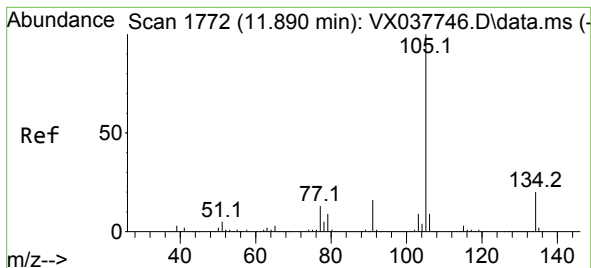
Tgt Ion:105 Resp: 234661

Ion Ratio Lower Upper

105 100

120 43.9 21.2 63.6





#85

sec-Butylbenzene

Concen: 19.020 ug/l

RT: 11.890 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

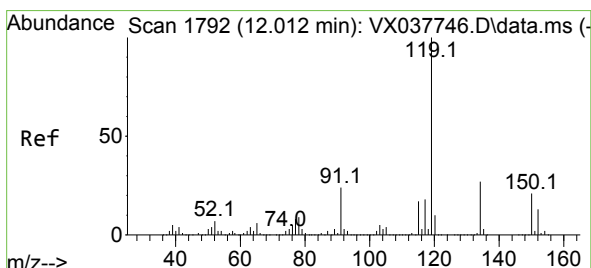
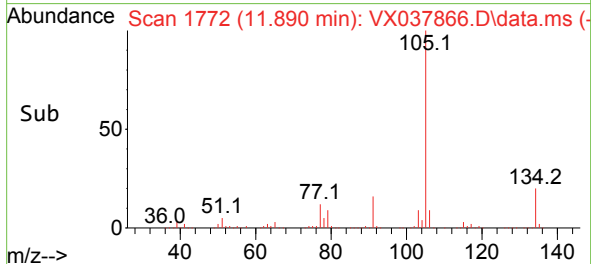
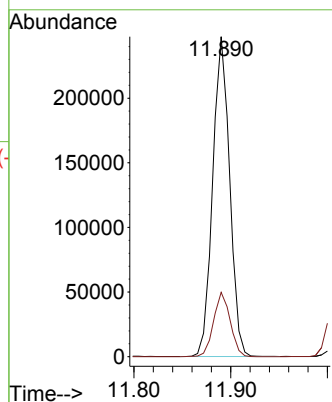
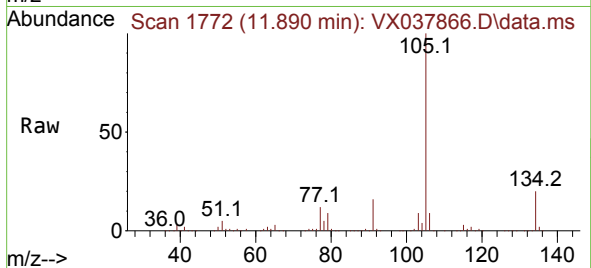
ClientSampleId :

Tgt Ion:105 Resp: 301157

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 18.972 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

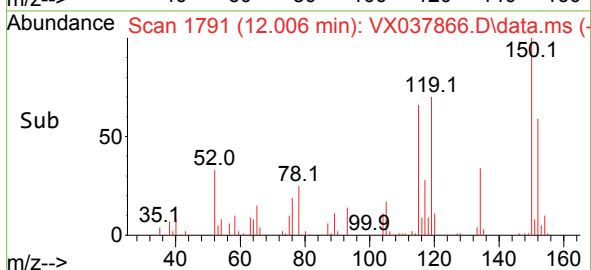
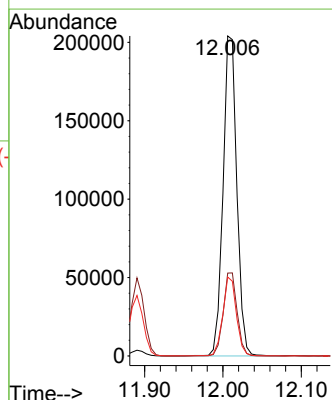
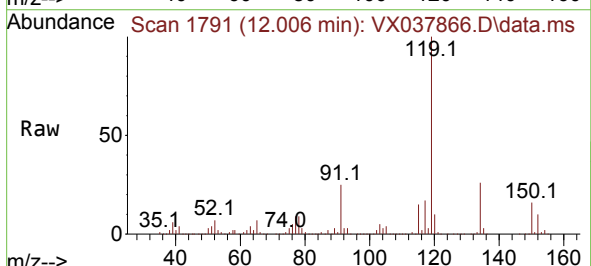
Tgt Ion:119 Resp: 250274

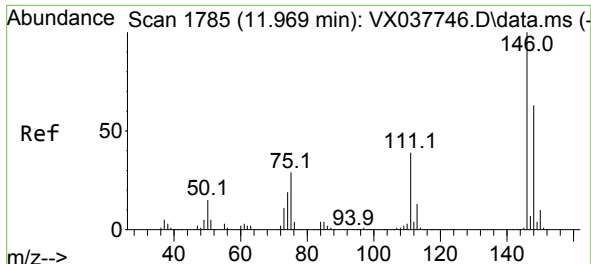
Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.3

91 24.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.535 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

ClientSampleId :

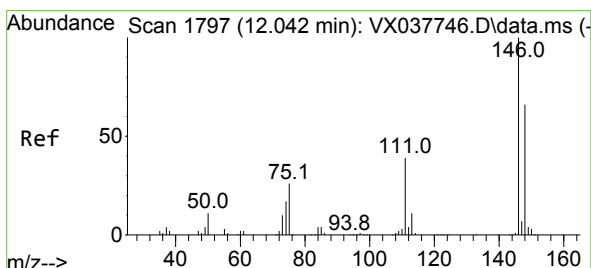
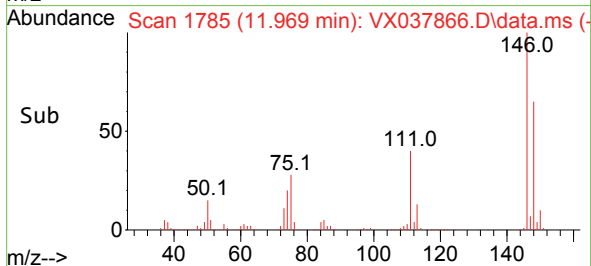
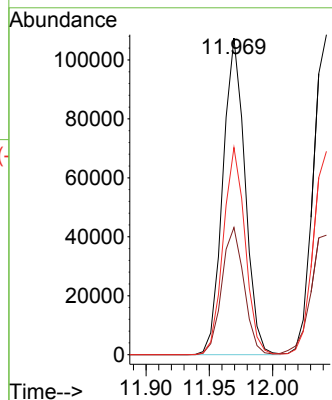
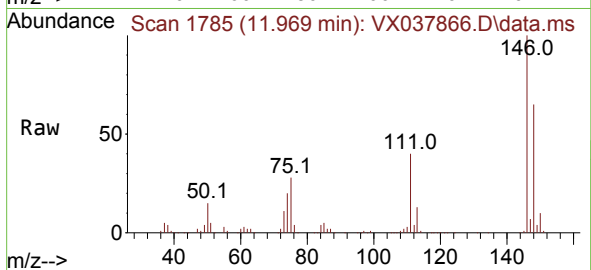
Tgt Ion:146 Resp: 130765

Ion Ratio Lower Upper

146 100

111 40.3 22.1 66.1

148 64.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 18.585 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

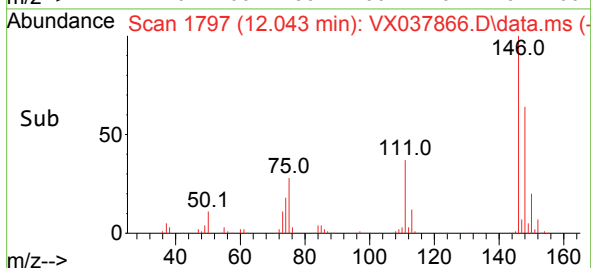
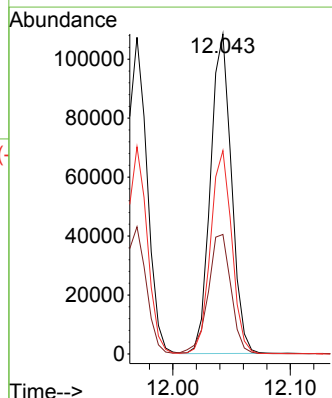
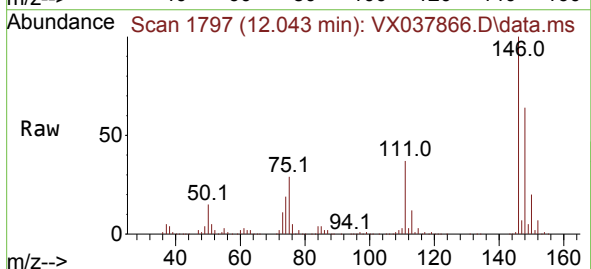
Tgt Ion:146 Resp: 134176

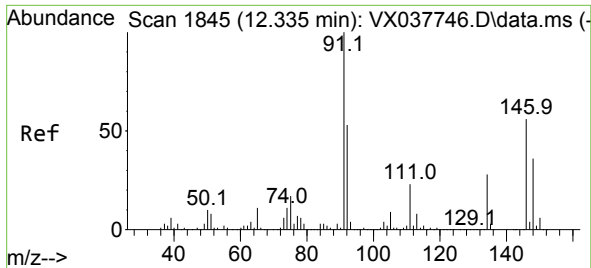
Ion Ratio Lower Upper

146 100

111 40.7 21.3 63.7

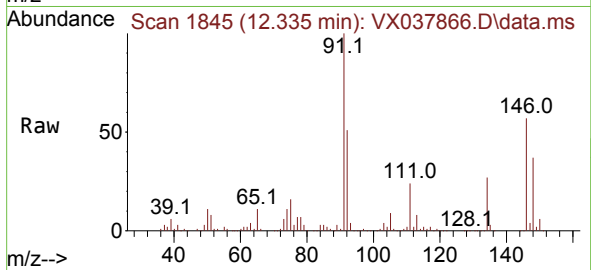
148 64.7 31.8 95.4



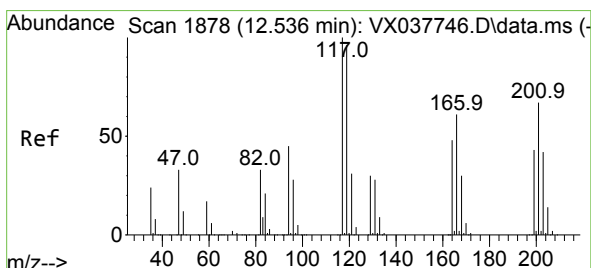
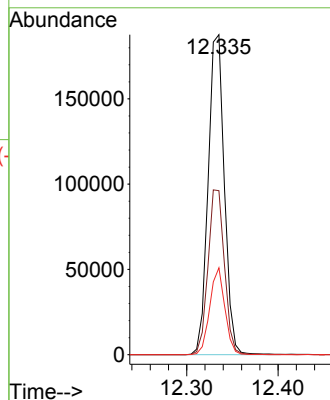
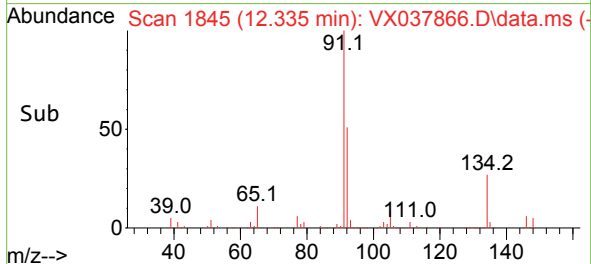


#89  
n-Butylbenzene  
Concen: 19.979 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :

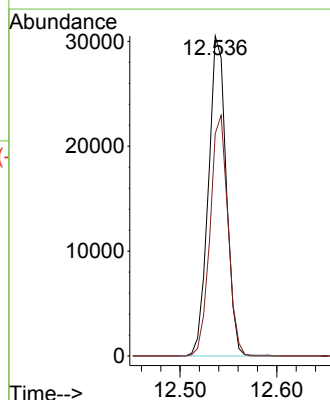
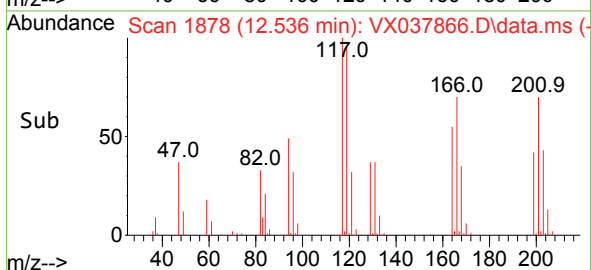
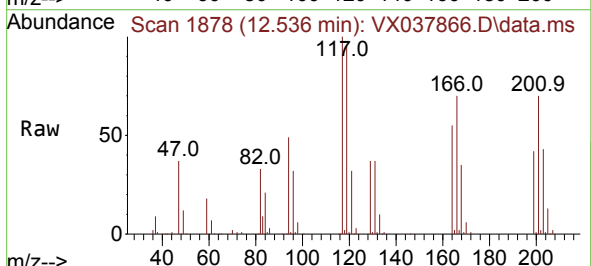


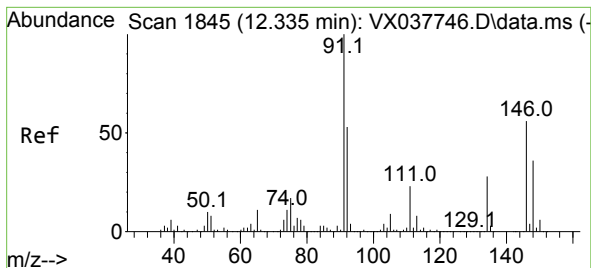
Tgt Ion: 91 Resp: 230888  
Ion Ratio Lower Upper  
91 100  
92 52.4 27.4 82.0  
134 25.3 12.6 37.8



#90  
Hexachloroethane  
Concen: 17.523 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion: 117 Resp: 39167  
Ion Ratio Lower Upper  
117 100  
201 75.2 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 18.220 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

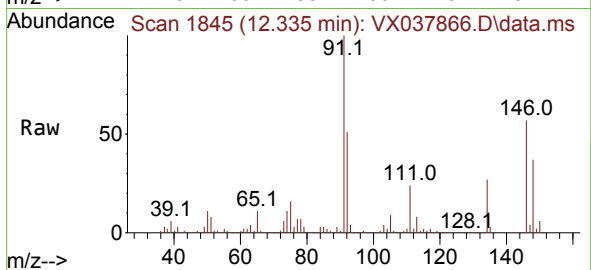
Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

ClientSampleId :



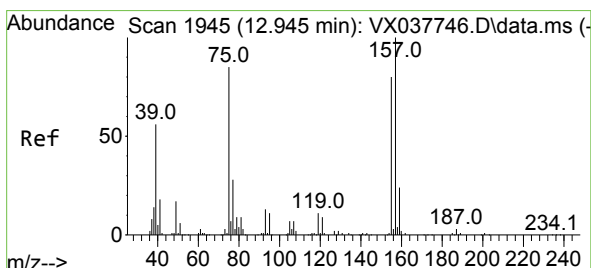
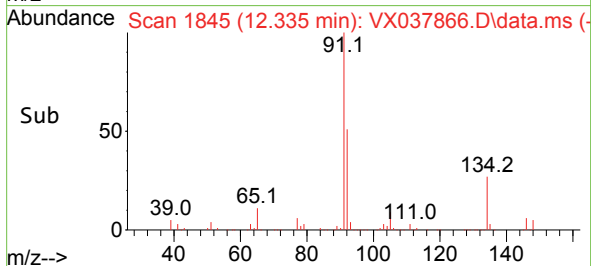
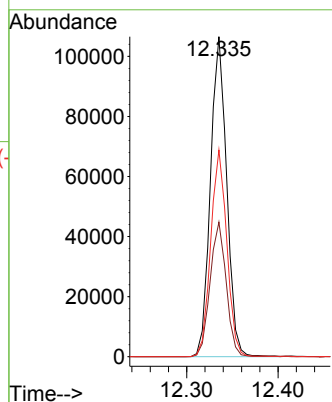
Tgt Ion:146 Resp: 131243

Ion Ratio Lower Upper

146 100

111 41.8 22.4 67.0

148 64.3 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.157 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

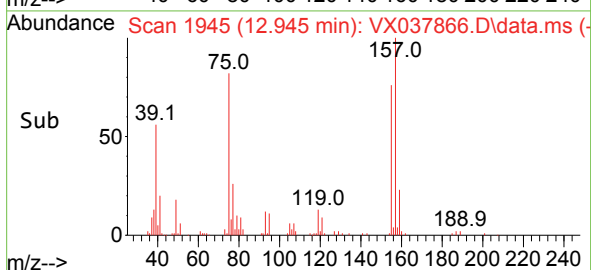
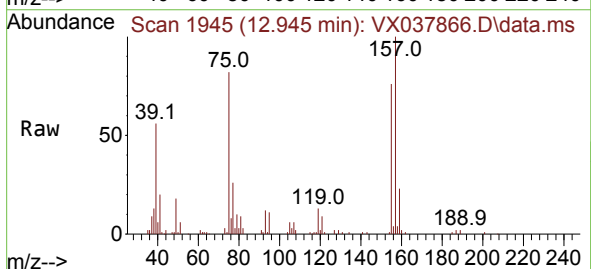
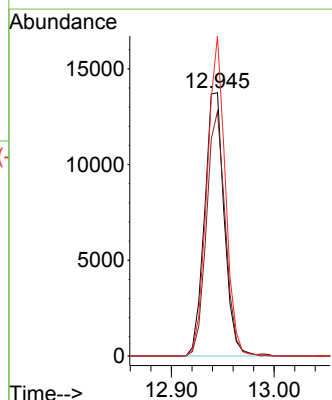
Tgt Ion: 75 Resp: 18392

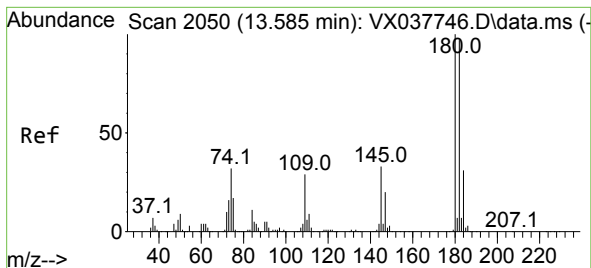
Ion Ratio Lower Upper

75 100

155 88.5 36.1 108.5

157 112.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.654 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037866.D

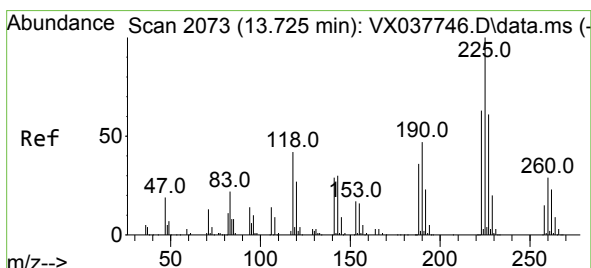
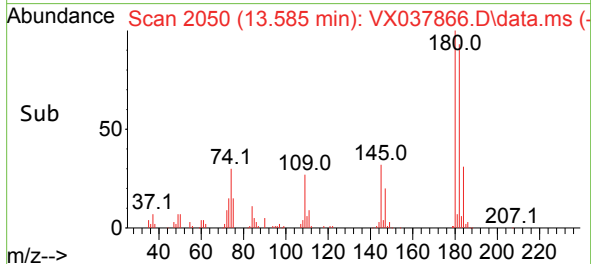
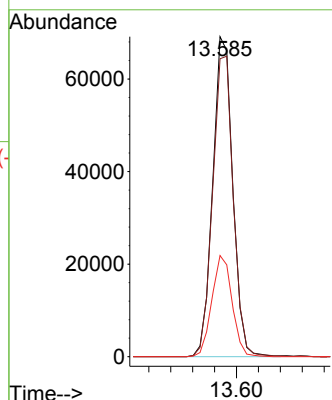
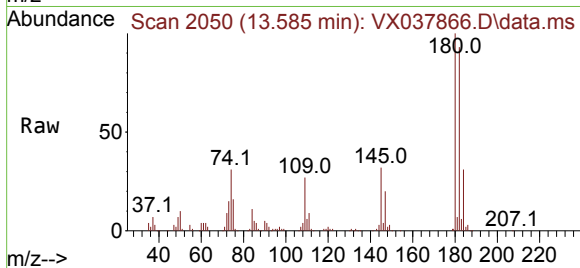
Acq: 22 Sep 2023 10:08

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 87634      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 96.8  | 48.3 144.8 |
| 145         | 32.0  | 18.0 54.0  |



#94

Hexachlorobutadiene

Concen: 19.564 ug/l

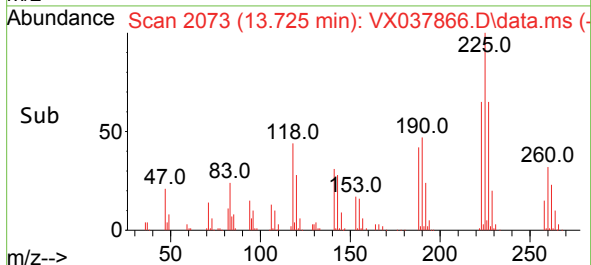
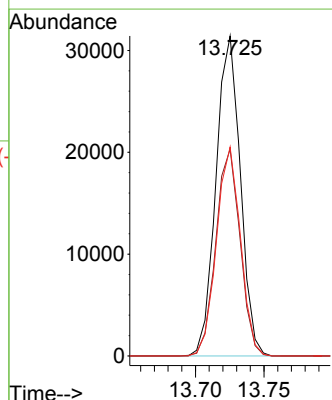
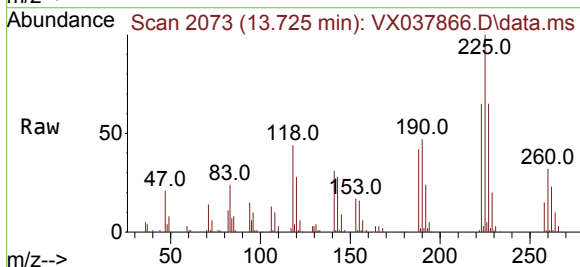
RT: 13.725 min Scan# 2073

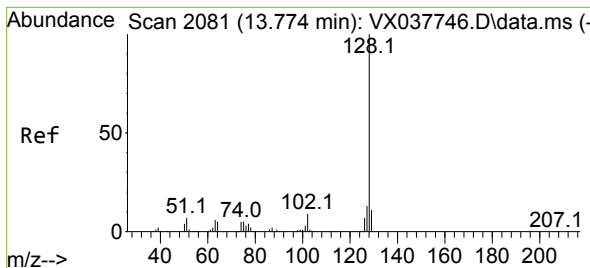
Delta R.T. -0.000 min

Lab File: VX037866.D

Acq: 22 Sep 2023 10:08

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 38765     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 64.3  | 31.1 93.2 |
| 227         | 64.3  | 32.5 97.5 |

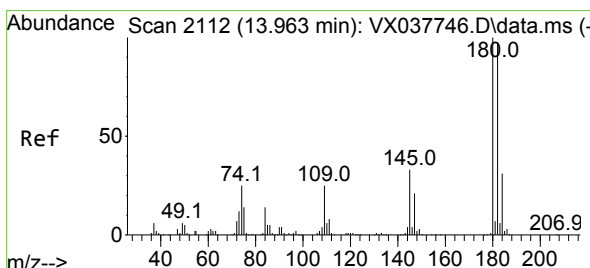
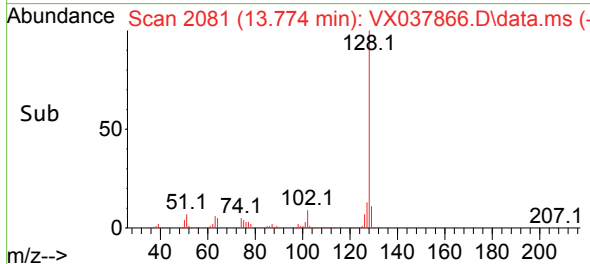
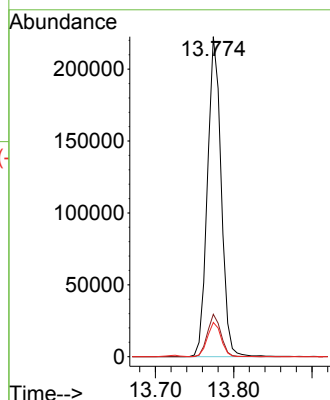
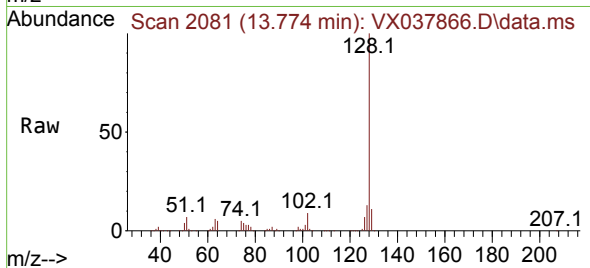




#95  
Naphthalene  
Concen: 18.817 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:128 Resp: 270026  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 10.8 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 19.969 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: VX037866.D  
Acq: 22 Sep 2023 10:08

Tgt Ion:180 Resp: 87193  
Ion Ratio Lower Upper  
180 100  
182 94.5 46.9 140.6  
145 32.5 17.8 53.5

