

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100323\  
 Data File : VX038046.D  
 Acq On : 03 Oct 2023 18:53  
 Operator : JC/MD  
 Sample : VX1003MBSL01  
 Misc : 5.00g/10 mL/100uL/5.0mL/MSVOA\_X/MeOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 04 09:14:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100323W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 04 09:08:35 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 132145   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 225306   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 216648   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 116871   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 105406   | 51.265   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 102.520% |      |
| 35) Dibromofluoromethane    | 5.385  | 113   | 78837    | 51.004   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.000% |      |
| 50) Toluene-d8              | 8.647  | 98    | 303692   | 51.340   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 102.680% |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 109769   | 50.988   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 101.980% |      |

|                              |       |     |        |         |        |    |
|------------------------------|-------|-----|--------|---------|--------|----|
| Target Compounds             |       |     |        |         | Qvalue |    |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 29146  | 22.135  | ug/l   | 93 |
| 3) Chloromethane             | 1.301 | 50  | 31419  | 18.125  | ug/l   | 95 |
| 4) Vinyl Chloride            | 1.374 | 62  | 34524  | 22.066  | ug/l   | 98 |
| 5) Bromomethane              | 1.605 | 94  | 32716  | 15.903  | ug/l   | 95 |
| 6) Chloroethane              | 1.685 | 64  | 24275  | 20.668  | ug/l   | 99 |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 61906  | 20.060  | ug/l   | 99 |
| 8) Diethyl Ether             | 2.136 | 74  | 22733  | 20.143  | ug/l   | 85 |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 26312  | 19.583  | ug/l   | 99 |
| 10) Methyl Iodide            | 2.453 | 142 | 28497  | 20.563  | ug/l   | 96 |
| 11) Tert butyl alcohol       | 2.959 | 59  | 47388  | 102.602 | ug/l # | 94 |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 25664  | 20.512  | ug/l   | 89 |
| 13) Acrolein                 | 2.233 | 56  | 27262  | 103.183 | ug/l   | 99 |
| 14) Allyl chloride           | 2.666 | 41  | 43379  | 19.562  | ug/l   | 93 |
| 15) Acrylonitrile            | 3.062 | 53  | 101667 | 105.909 | ug/l   | 99 |
| 16) Acetone                  | 2.380 | 43  | 87025  | 96.376  | ug/l   | 91 |
| 17) Carbon Disulfide         | 2.514 | 76  | 68126  | 19.251  | ug/l   | 99 |
| 18) Methyl Acetate           | 2.703 | 43  | 80743  | 20.799  | ug/l   | 95 |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 97976  | 20.276  | ug/l   | 99 |
| 20) Methylene Chloride       | 2.788 | 84  | 34702  | 20.905  | ug/l   | 95 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 29970  | 19.936  | ug/l   | 94 |
| 22) Diisopropyl ether        | 3.764 | 45  | 94577  | 20.411  | ug/l   | 92 |
| 23) Vinyl Acetate            | 3.721 | 43  | 344796 | 103.431 | ug/l   | 99 |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 56622  | 20.132  | ug/l   | 99 |
| 25) 2-Butanone               | 4.556 | 43  | 147562 | 103.650 | ug/l   | 97 |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 39378  | 17.827  | ug/l   | 94 |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 35475  | 20.240  | ug/l   | 94 |
| 28) Bromochloromethane       | 4.898 | 49  | 24975  | 18.873  | ug/l   | 93 |
| 29) Tetrahydrofuran          | 5.007 | 42  | 95478  | 103.988 | ug/l   | 91 |
| 30) Chloroform               | 5.093 | 83  | 60779  | 19.838  | ug/l   | 98 |
| 31) Cyclohexane              | 5.471 | 56  | 47515  | 19.762  | ug/l   | 96 |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 51965  | 20.391  | ug/l   | 98 |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 43601  | 19.141  | ug/l   | 98 |
| 37) Ethyl Acetate            | 4.715 | 43  | 53870  | 21.057  | ug/l   | 98 |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 43734  | 19.730  | ug/l   | 98 |
| 39) Methylcyclohexane        | 7.385 | 83  | 52998  | 19.685  | ug/l   | 97 |
| 40) Benzene                  | 6.038 | 78  | 129044 | 20.082  | ug/l   | 98 |

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 Operator : JC/MD  
 Sample : VX1003MBSL01  
 Misc : 5.00g/10 mL/100uL/5.0mL/MSVOA\_X/MeOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 04 09:14:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100323W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 04 09:08:35 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 27538    | 21.499  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 50395    | 19.998  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.342  | 43   | 81913    | 20.667  | ug/l   | 98       |
| 44) Trichloroethene           | 7.129  | 130  | 33949    | 19.577  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 33212    | 20.302  | ug/l   | 98       |
| 46) Dibromomethane            | 7.580  | 93   | 25439    | 20.081  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.824  | 83   | 44845    | 20.333  | ug/l   | 97       |
| 48) Methyl methacrylate       | 7.696  | 41   | 39161    | 20.550  | ug/l   | 86       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 19409    | 454.357 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 292974   | 106.391 | ug/l   | 98       |
| 52) Toluene                   | 8.720  | 92   | 83252    | 20.017  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 47369    | 20.390  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 50531    | 20.441  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 34883    | 20.654  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 52520    | 20.690  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 58124    | 20.466  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 123318   | 95.054  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 236676   | 107.439 | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.519  | 129  | 33640    | 20.698  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 37469    | 20.463  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 28289    | 19.625  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 89964    | 19.782  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 30393    | 20.041  | ug/l   | 96       |
| 67) Ethyl Benzene             | 10.195 | 91   | 163885   | 20.032  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299 | 106  | 124968   | 39.887  | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 59125    | 19.872  | ug/l   | 95       |
| 70) Styrene                   | 10.659 | 104  | 100511   | 20.453  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 23904    | 20.734  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 159828   | 20.151  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 73830    | 20.683  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 59967    | 20.199  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 65777    | 24.296  | ug/l   | 90       |
| 77) Bromobenzene              | 11.195 | 156  | 38912    | 20.010  | ug/l   | 93       |
| 78) n-propylbenzene           | 11.305 | 91   | 196775   | 20.190  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 114189   | 20.178  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 138550   | 20.524  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 15105    | 18.843  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 134224   | 19.679  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 136139   | 20.286  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 137393   | 20.180  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 175049   | 20.113  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 144639   | 20.294  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 74229    | 19.037  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 78565    | 19.304  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 141743   | 19.926  | ug/l   | 95       |
| 90) Hexachloroethane          | 12.536 | 117  | 22965    | 19.770  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 75028    | 20.219  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 14263    | 21.112  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 48619    | 18.889  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 20292    | 18.475  | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 171970   | 19.820  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 47457    | 19.065  | ug/l   | 97       |

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Sample : VX1003MBSL01  
Misc : 5.00g/10 mL/100uL/5.0mL/MSVOA\_X/MeOH  
ALS Vial : 1 Sample Multiplier: 1

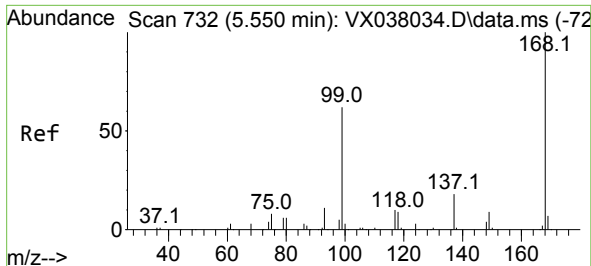
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Oct 04 09:14:10 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100323W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 04 09:08:35 2023  
Response via : Initial Calibration

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

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

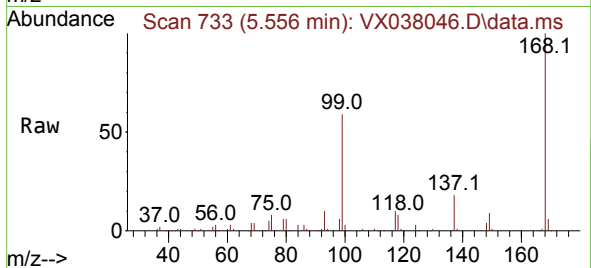
Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

Instrument :

MSVOA\_X

ClientSampleId :

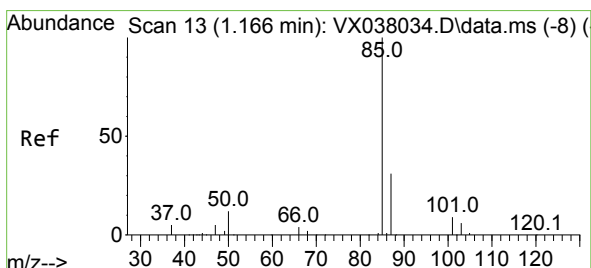
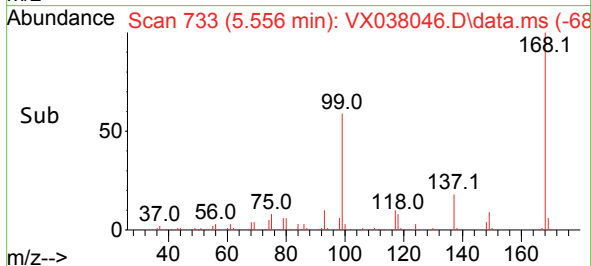
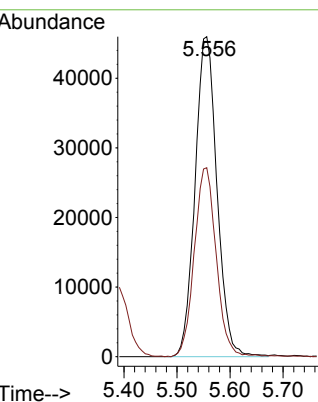


Tgt Ion:168 Resp: 132145

Ion Ratio Lower Upper

168 100

99 58.9 56.6 85.0



#2

Dichlorodifluoromethane

Concen: 22.135 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX038046.D

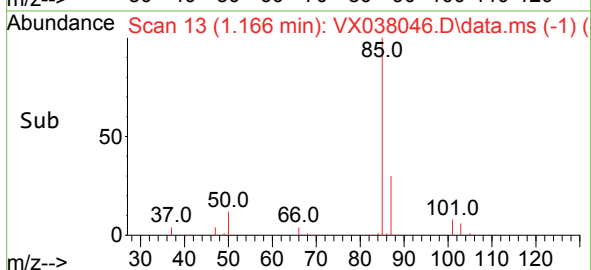
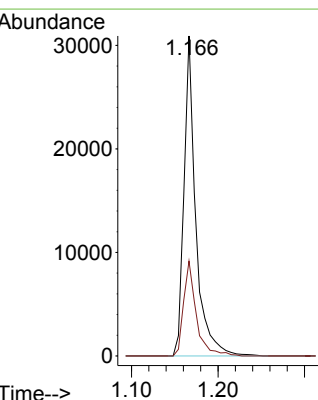
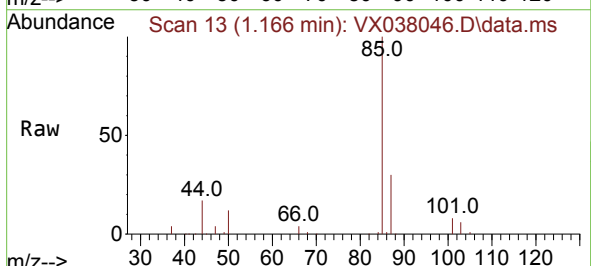
Acq: 03 Oct 2023 18:53

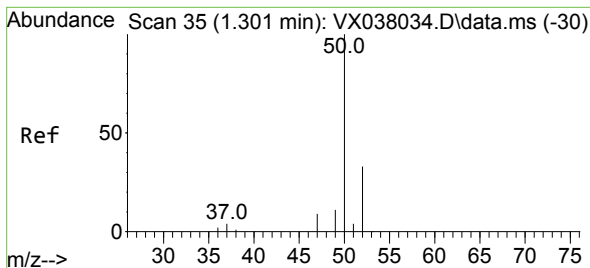
Tgt Ion: 85 Resp: 29146

Ion Ratio Lower Upper

85 100

87 29.6 16.7 50.1





#3

Chloromethane

Concen: 18.125 ug/l

RT: 1.301 min Scan# 35

Delta R.T. -0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

Instrument :

MSVOA\_X

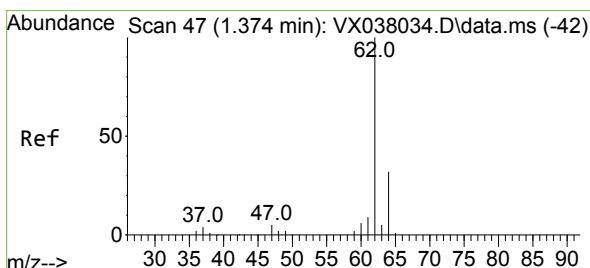
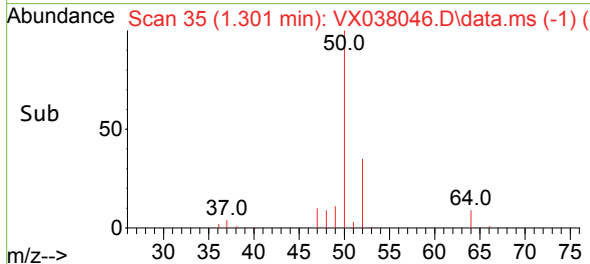
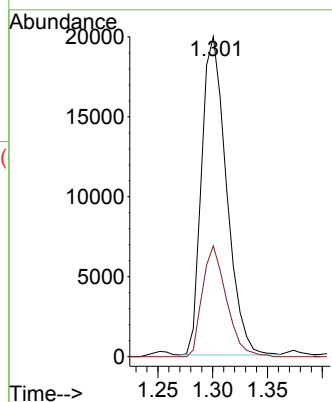
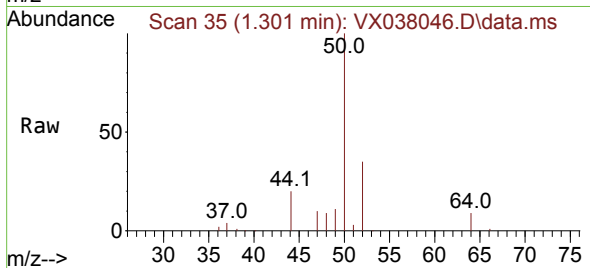
ClientSampleId :

Tgt Ion: 50 Resp: 31419

Ion Ratio Lower Upper

50 100

52 34.8 25.5 38.3



#4

Vinyl Chloride

Concen: 22.066 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038046.D

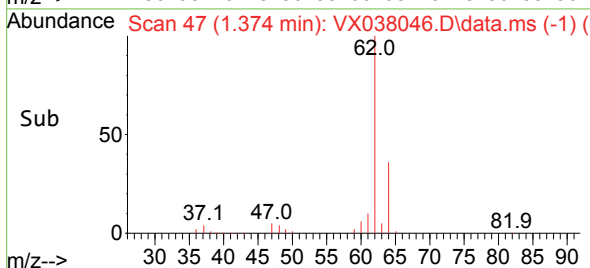
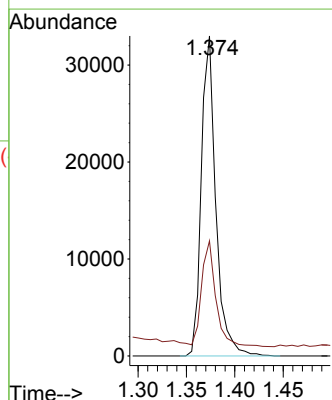
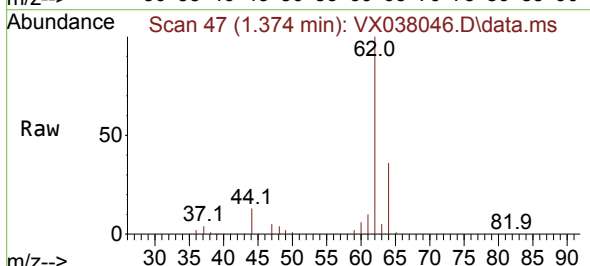
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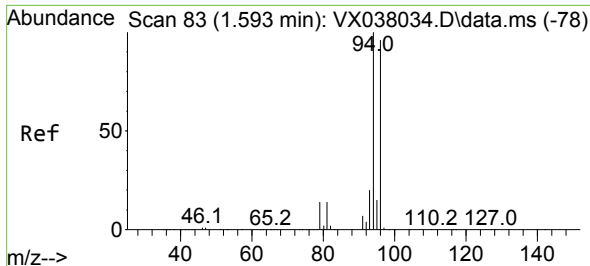
Tgt Ion: 62 Resp: 34524

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.0

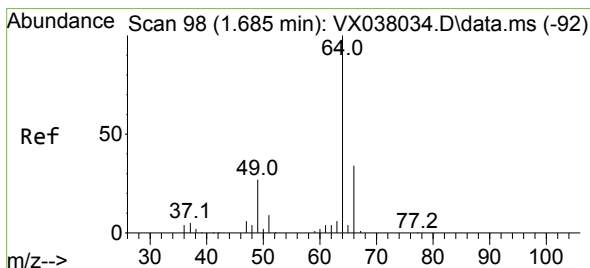
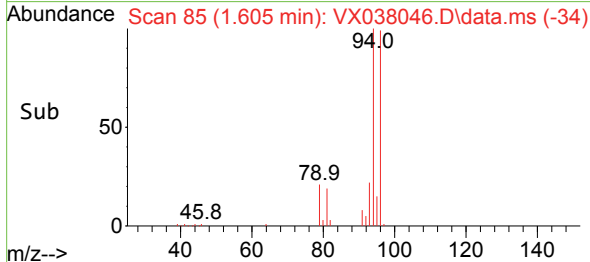
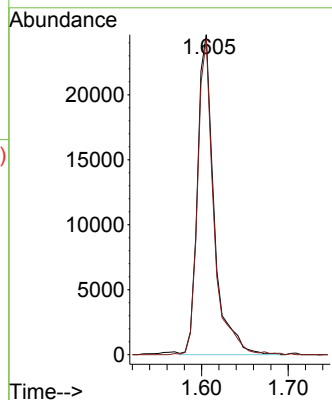
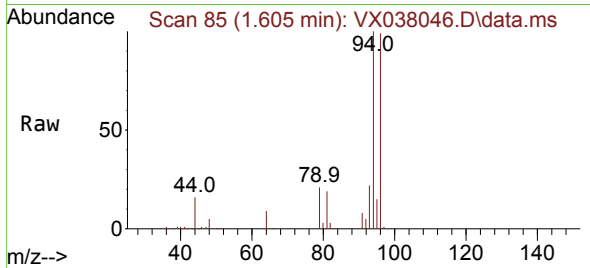




#5  
Bromomethane  
Concen: 15.903 ug/l  
RT: 1.605 min Scan# 81  
Delta R.T. 0.012 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

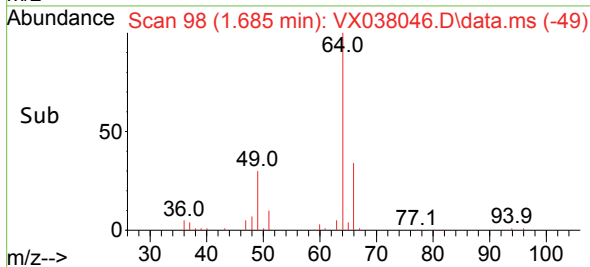
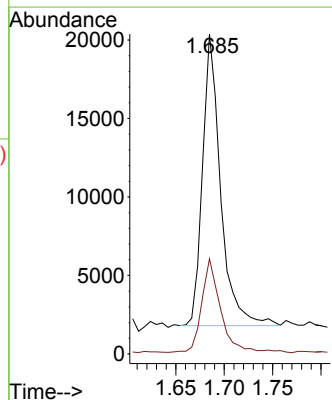
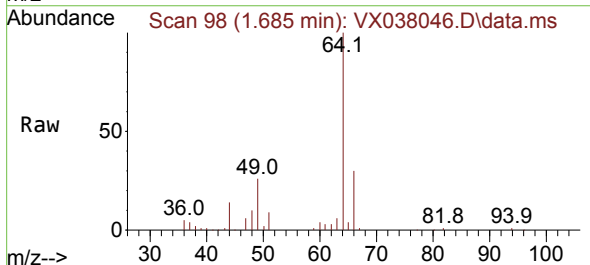
Instrument :  
MSVOA\_X  
ClientSampleId :

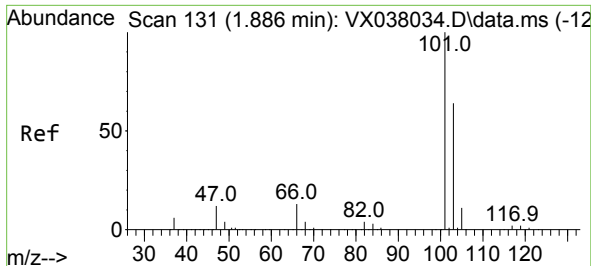
Tgt Ion: 94 Resp: 32716  
Ion Ratio Lower Upper  
94 100  
96 98.3 74.6 111.8



#6  
Chloroethane  
Concen: 20.668 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

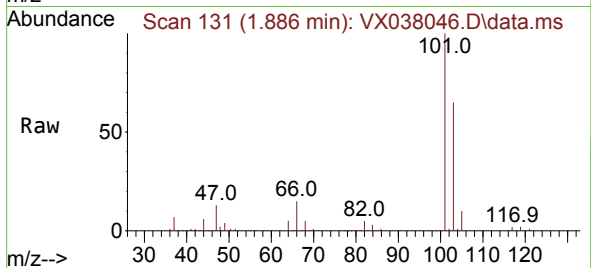
Tgt Ion: 64 Resp: 24275  
Ion Ratio Lower Upper  
64 100  
66 31.7 25.1 37.7



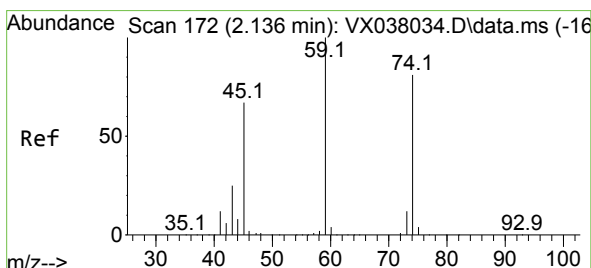
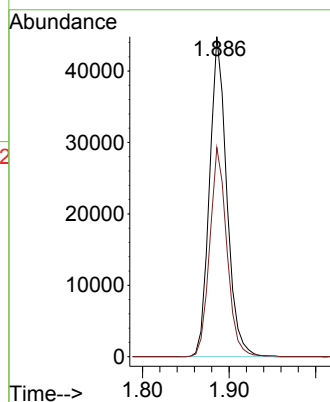
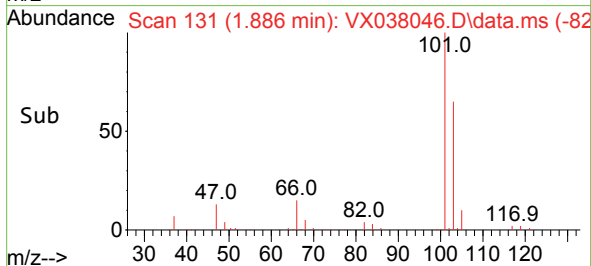


#7  
Trichlorofluoromethane  
Concen: 20.060 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Instrument :  
MSVOA\_X  
ClientSampleId :

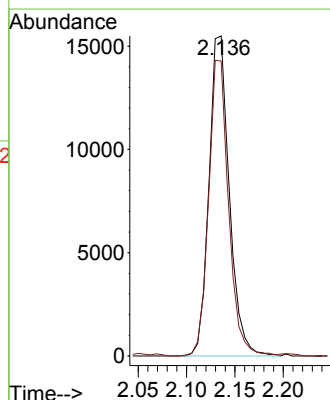
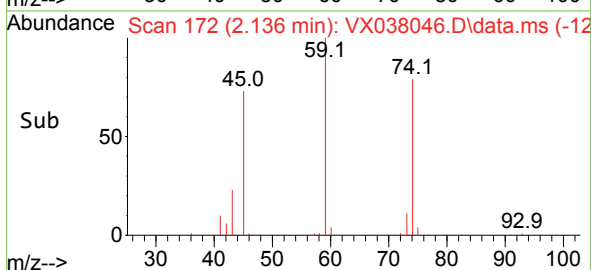
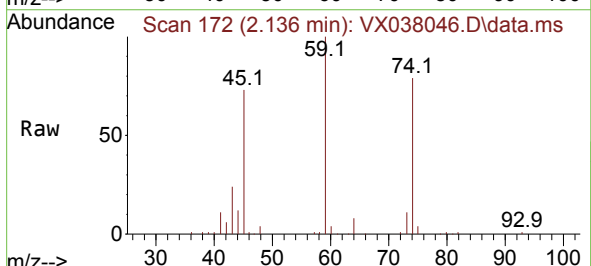


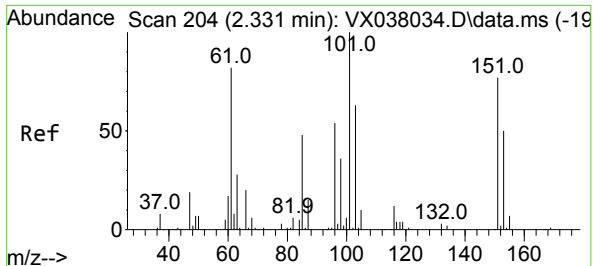
Tgt Ion:101 Resp: 61906  
Ion Ratio Lower Upper  
101 100  
103 65.4 51.4 77.2



#8  
Diethyl Ether  
Concen: 20.143 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion: 74 Resp: 22733  
Ion Ratio Lower Upper  
74 100  
45 90.5 53.3 159.8

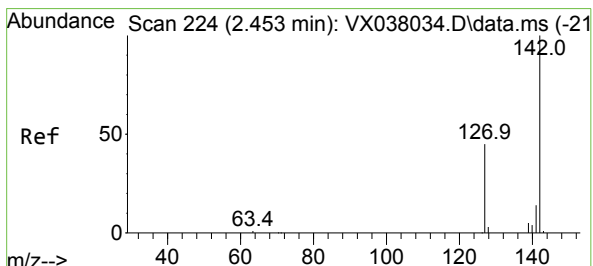
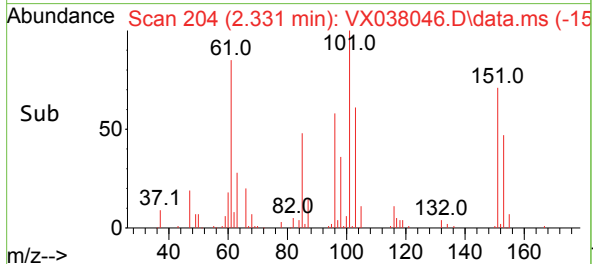
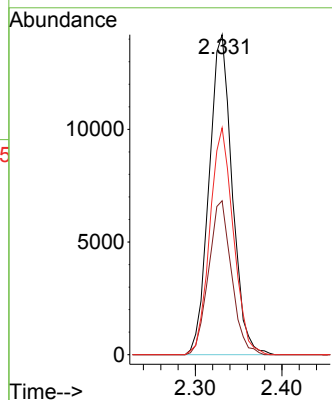
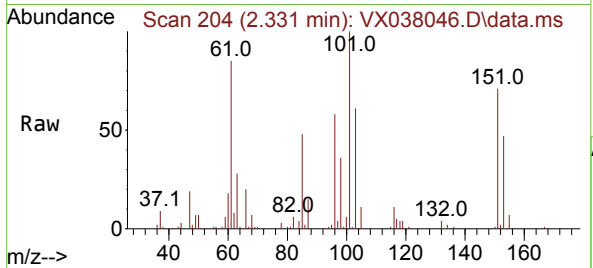




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.583 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

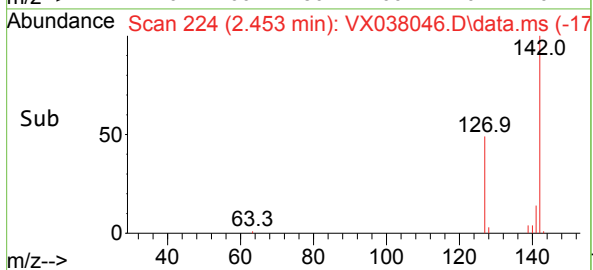
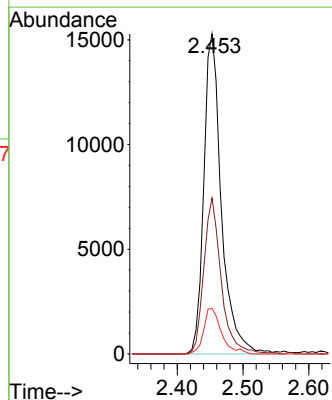
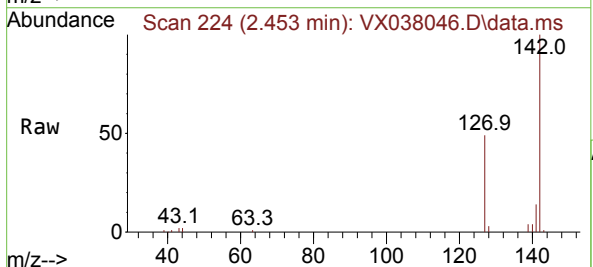
Instrument :  
MSVOA\_X  
ClientSampleId :

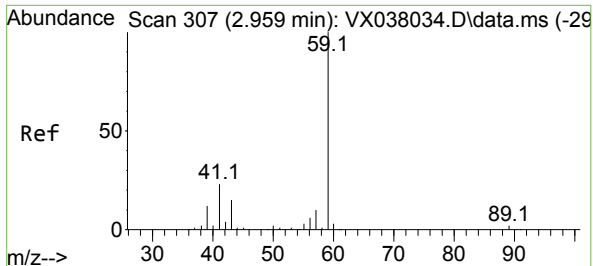
Tgt Ion:101 Resp: 26312  
Ion Ratio Lower Upper  
101 100  
85 47.7 37.0 55.6  
151 72.3 58.6 87.8



#10  
Methyl Iodide  
Concen: 20.563 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

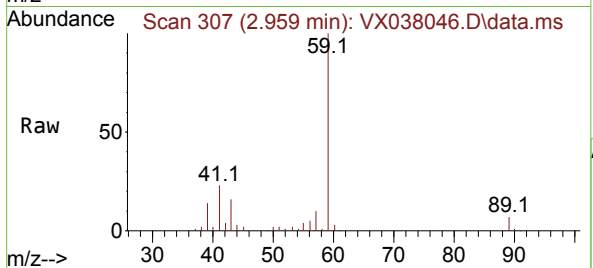
Tgt Ion:142 Resp: 28497  
Ion Ratio Lower Upper  
142 100  
127 48.2 41.6 62.4  
141 14.4 11.6 17.4



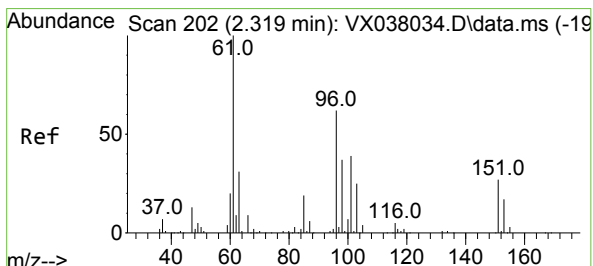
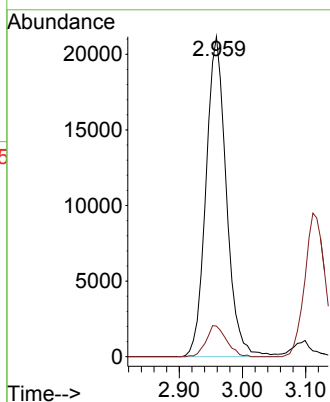
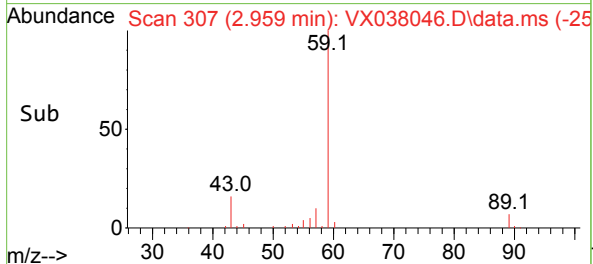


#11  
Tert butyl alcohol  
Concen: 102.602 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

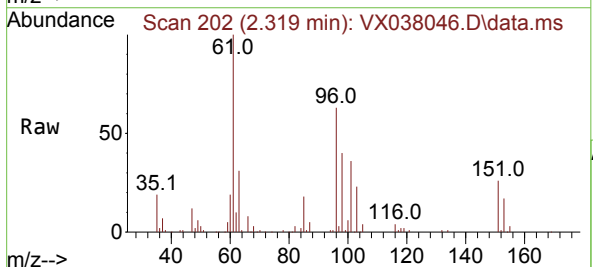
Instrument :  
MSVOA\_X  
ClientSampleId :



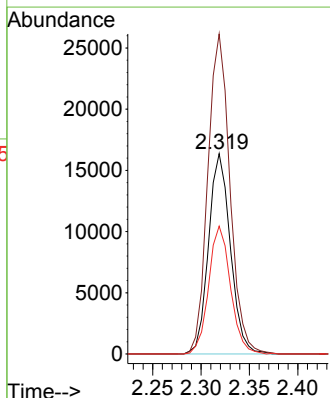
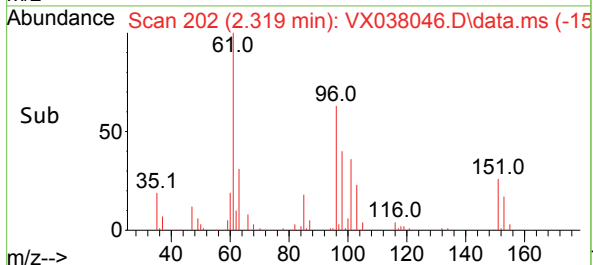
Tgt Ion: 59 Resp: 47388  
Ion Ratio Lower Upper  
59 100  
57 9.7 6.0 9.0#

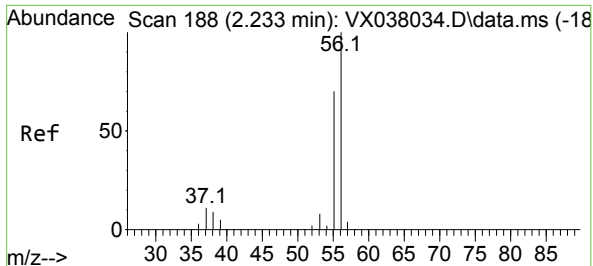


#12  
1,1-Dichloroethene  
Concen: 20.512 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53



Tgt Ion: 96 Resp: 25664  
Ion Ratio Lower Upper  
96 100  
61 159.8 144.6 216.8  
98 63.9 50.4 75.6





#13

Acrolein

Concen: 103.183 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

Instrument :

MSVOA\_X

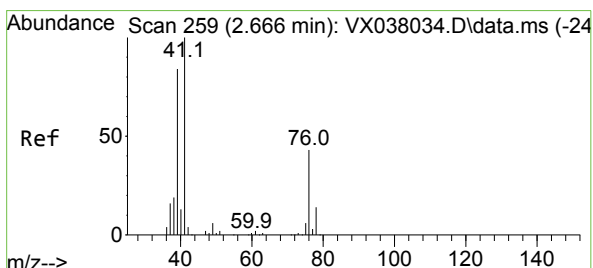
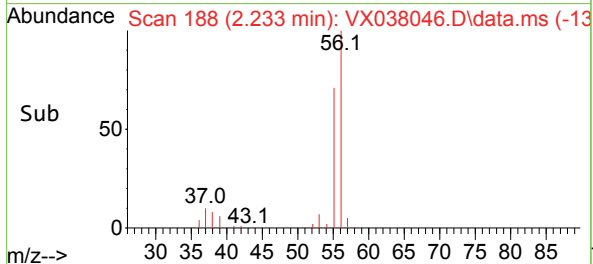
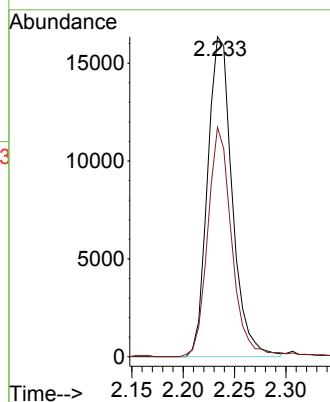
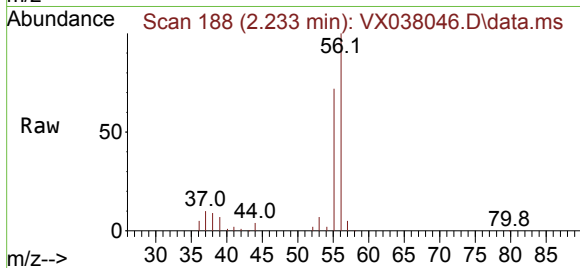
ClientSampleId :

Tgt Ion: 56 Resp: 27262

Ion Ratio Lower Upper

56 100

55 70.8 57.1 85.7



#14

Allyl chloride

Concen: 19.562 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

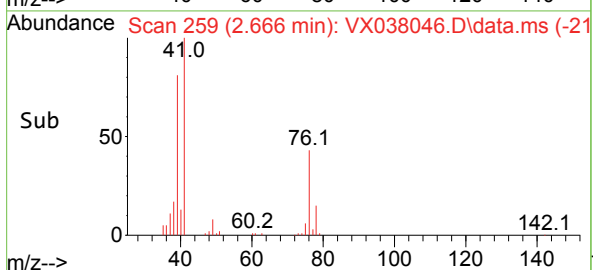
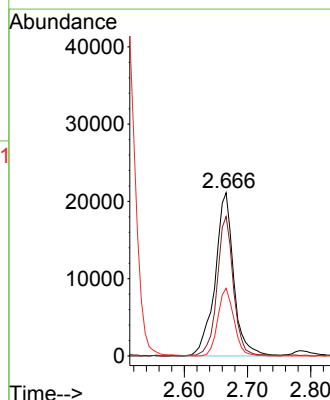
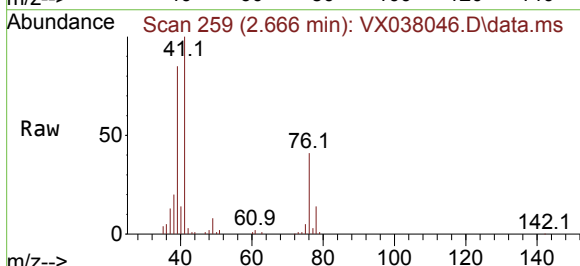
Tgt Ion: 41 Resp: 43379

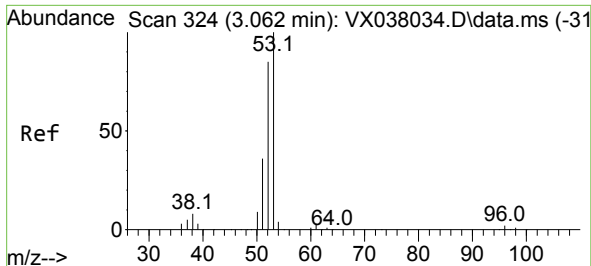
Ion Ratio Lower Upper

41 100

39 74.5 55.8 83.6

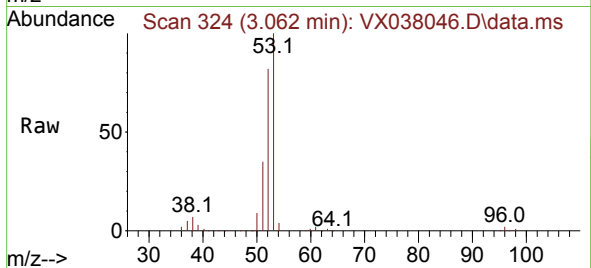
76 35.6 24.3 36.5



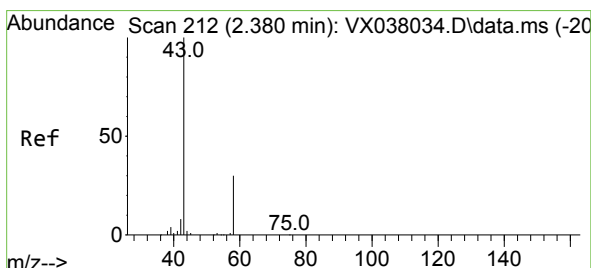
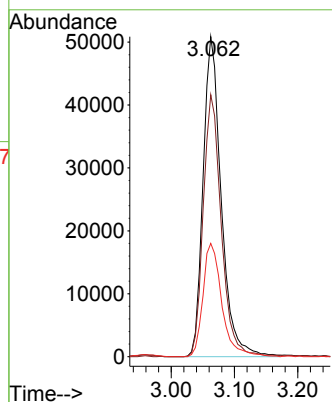
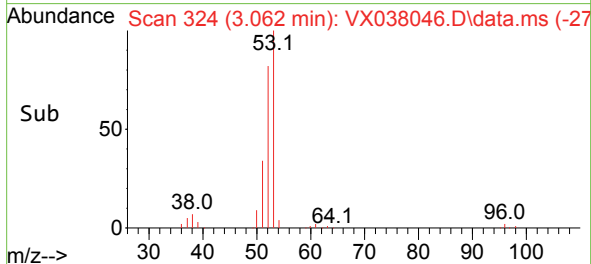


#15  
Acrylonitrile  
Concen: 105.909 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Instrument :  
MSVOA\_X  
ClientSampleId :

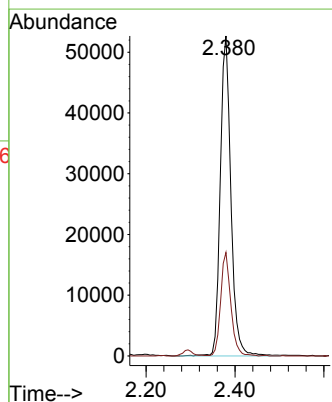
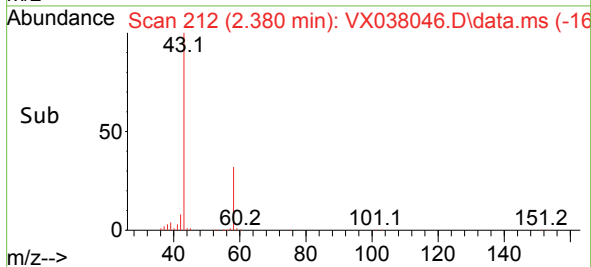
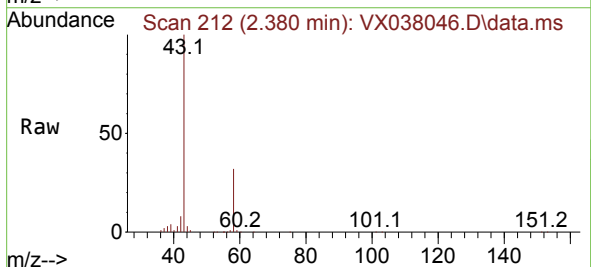


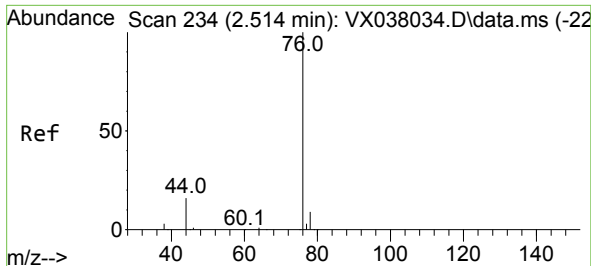
Tgt Ion: 53 Resp: 101667  
Ion Ratio Lower Upper  
53 100  
52 81.5 66.0 99.0  
51 37.0 29.8 44.6



#16  
Acetone  
Concen: 96.376 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

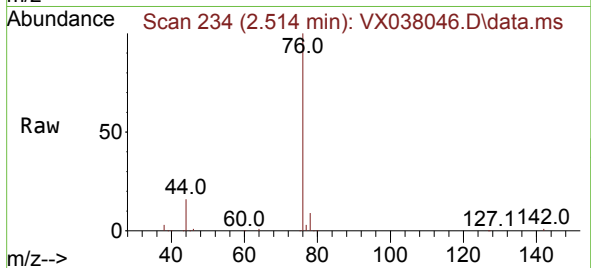
Tgt Ion: 43 Resp: 87025  
Ion Ratio Lower Upper  
43 100  
58 32.3 21.9 32.9



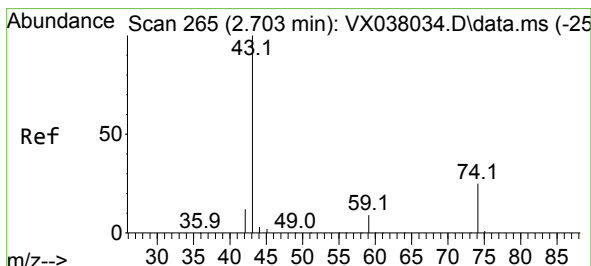
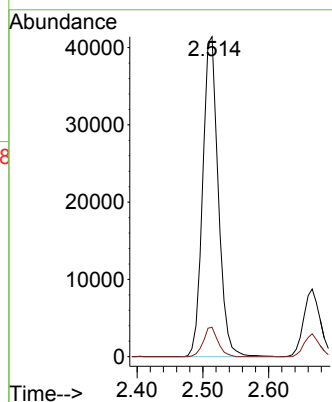
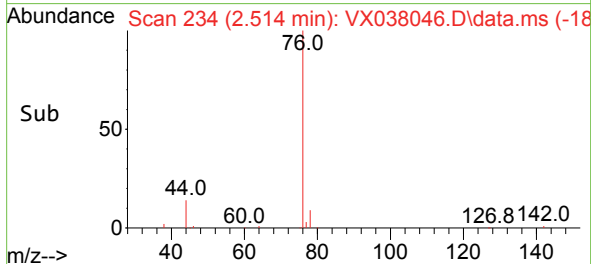


#17  
Carbon Disulfide  
Concen: 19.251 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Instrument :  
MSVOA\_X  
ClientSampleId :

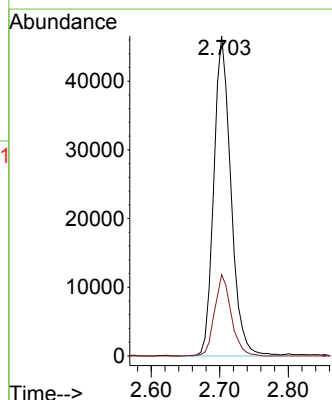
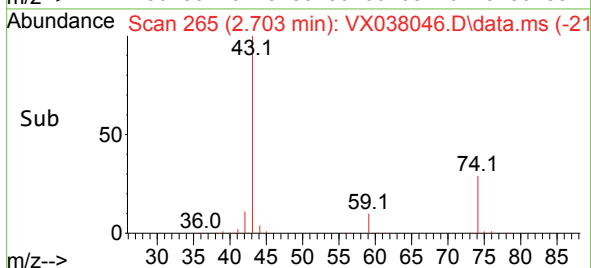
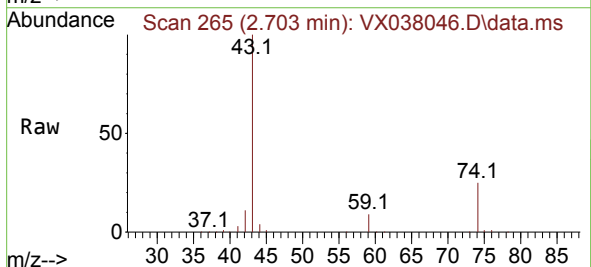


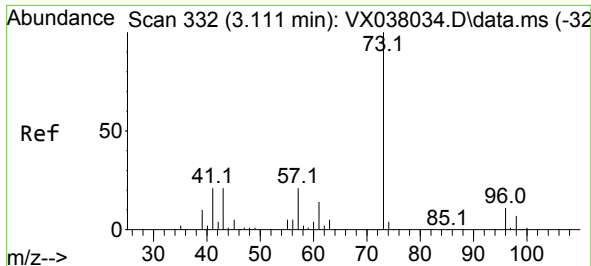
Tgt Ion: 76 Resp: 68126  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6



#18  
Methyl Acetate  
Concen: 20.799 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion: 43 Resp: 80743  
Ion Ratio Lower Upper  
43 100  
74 24.7 17.8 26.8

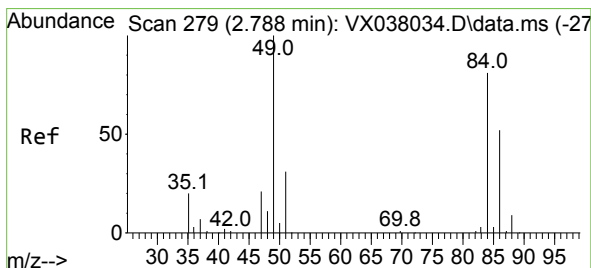
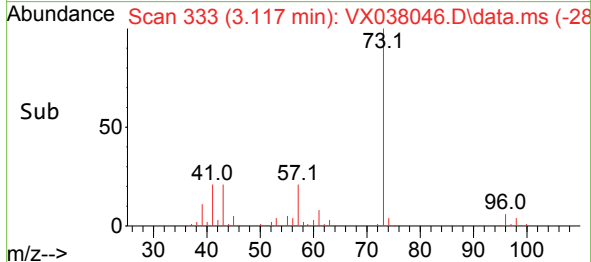
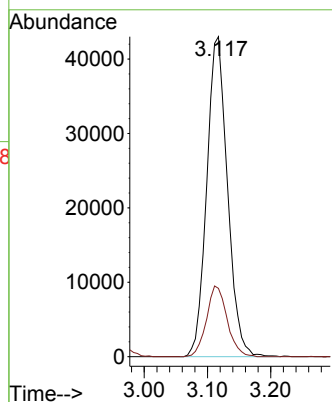
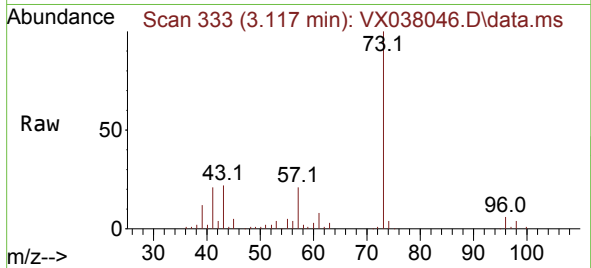




#19  
Methyl tert-butyl Ether  
Concen: 20.276 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

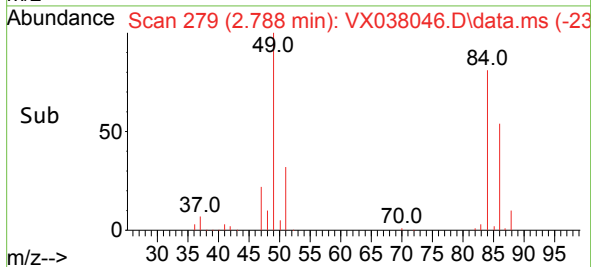
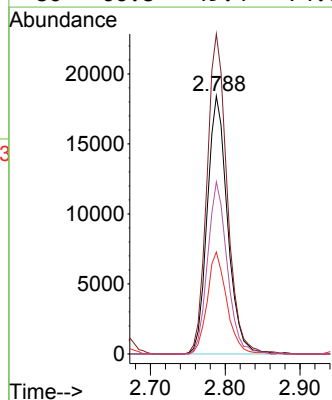
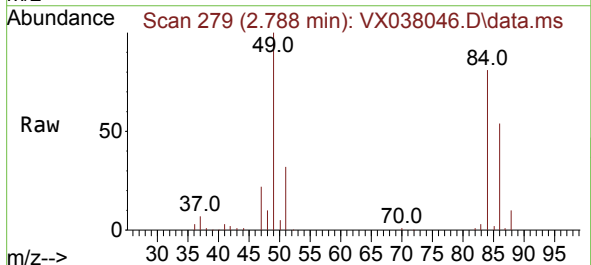
Instrument :  
MSVOA\_X  
ClientSampleId :

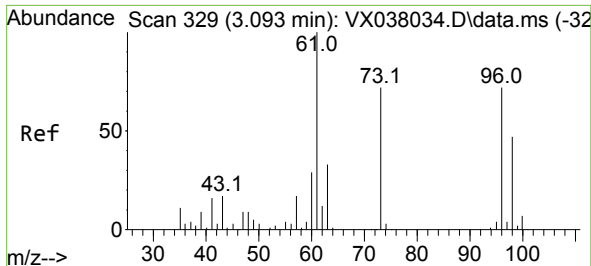
Tgt Ion: 73 Resp: 97976  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.3 25.9



#20  
Methylene Chloride  
Concen: 20.905 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

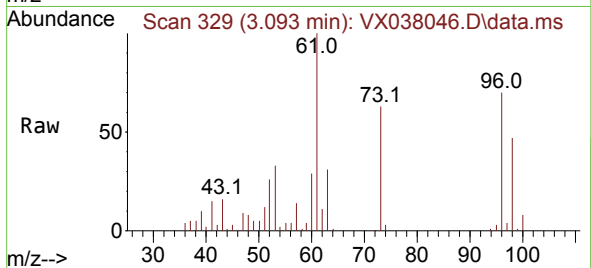
Tgt Ion: 84 Resp: 34702  
Ion Ratio Lower Upper  
84 100  
49 124.1 103.6 155.4  
51 39.5 33.8 50.6  
86 66.8 49.4 74.0



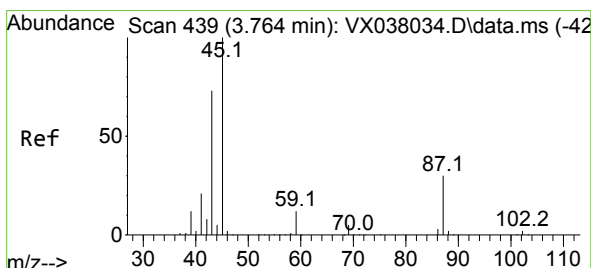
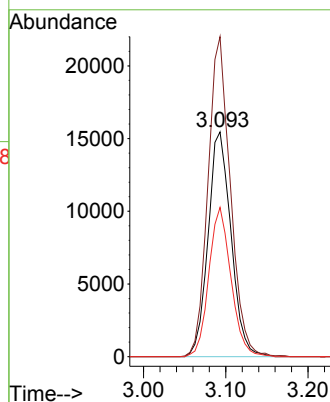
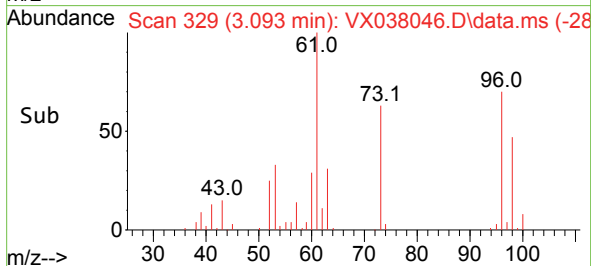


#21  
trans-1,2-Dichloroethene  
Concen: 19.936 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

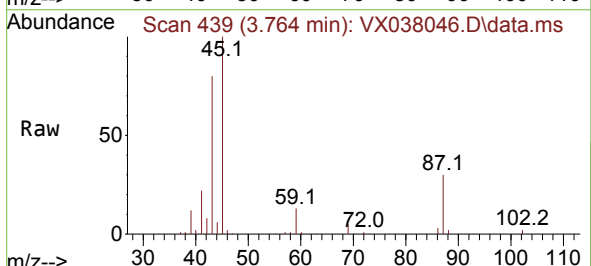
Instrument :  
MSVOA\_X  
ClientSampleId :



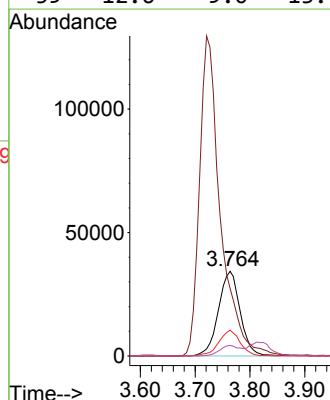
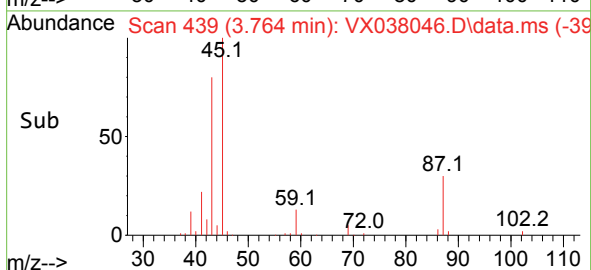
Tgt Ion: 96 Resp: 29970  
Ion Ratio Lower Upper  
96 100  
61 142.3 119.2 178.8  
98 66.4 48.7 73.1

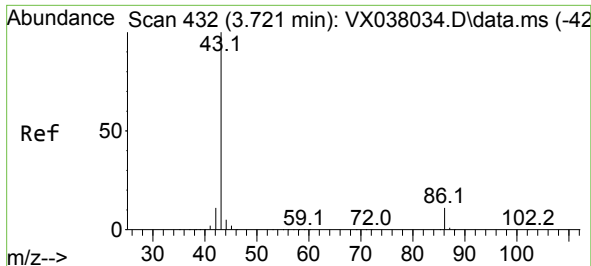


#22  
Diisopropyl ether  
Concen: 20.411 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53



Tgt Ion: 45 Resp: 94577  
Ion Ratio Lower Upper  
45 100  
43 79.5 69.7 104.5  
87 30.4 20.8 31.2  
59 12.6 9.0 13.4

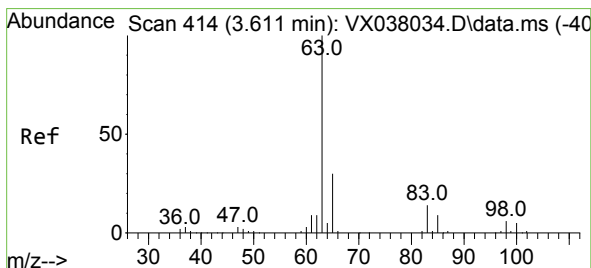
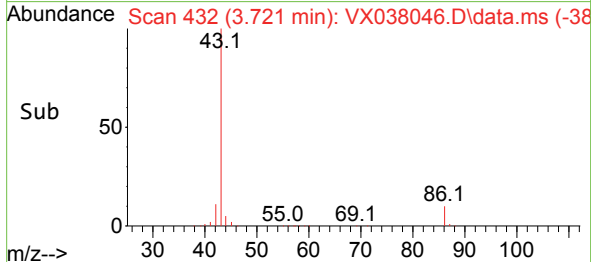
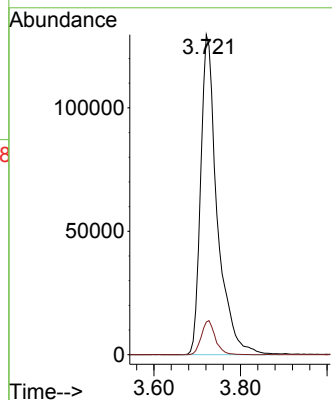
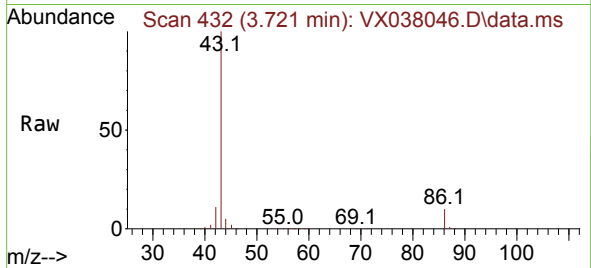




#23  
 Vinyl Acetate  
 Concen: 103.431 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX038046.D  
 Acq: 03 Oct 2023 18:53

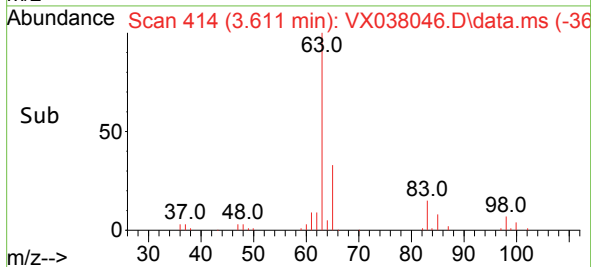
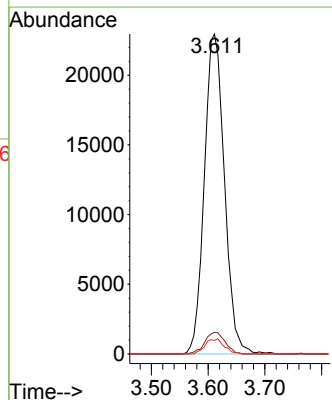
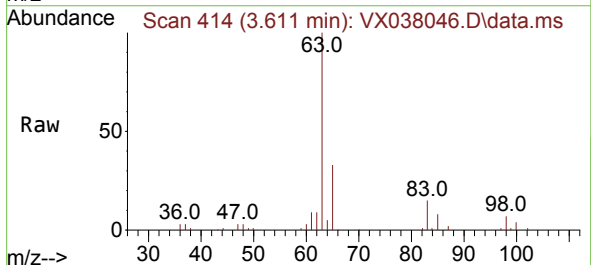
Instrument :  
 MSVOA\_X  
 ClientSampleId :

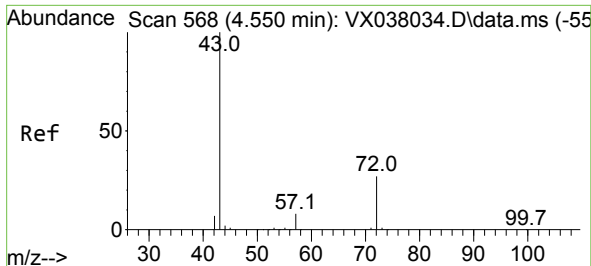
Tgt Ion: 43 Resp: 344796  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 20.132 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX038046.D  
 Acq: 03 Oct 2023 18:53

Tgt Ion: 63 Resp: 56622  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.3 9.8  
 100 4.3 2.1 6.5

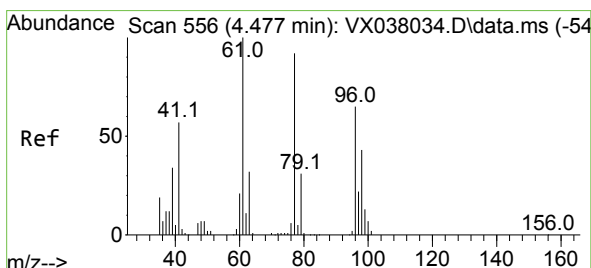
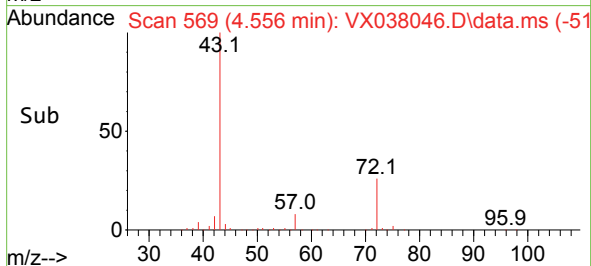
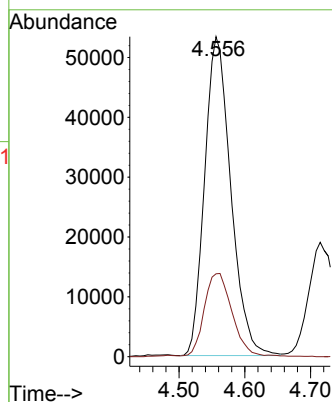
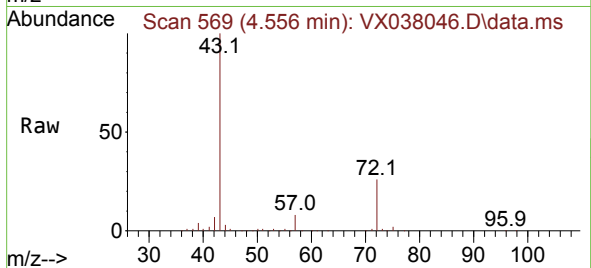




#25  
2-Butanone  
Concen: 103.650 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.006 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

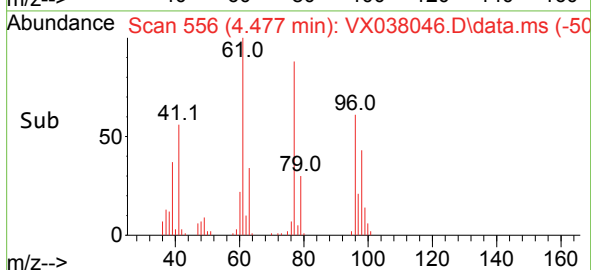
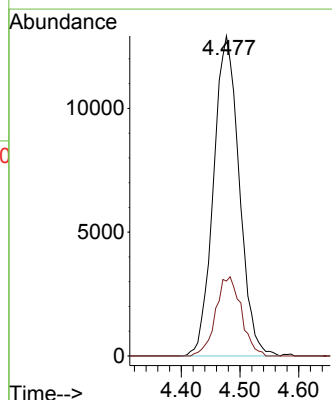
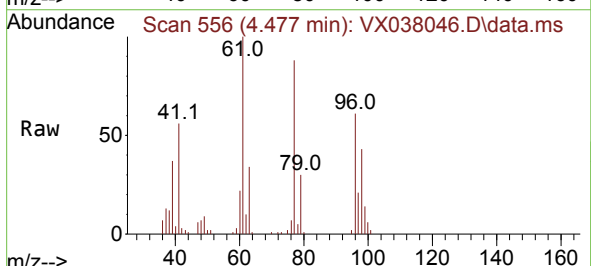
Instrument :  
MSVOA\_X  
ClientSampleId :

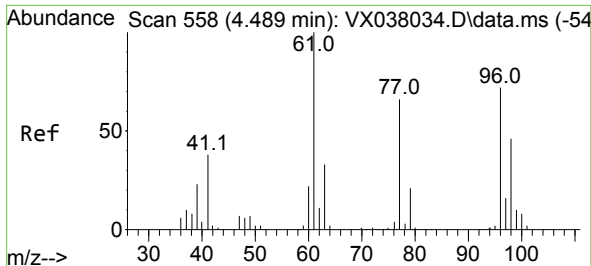
Tgt Ion: 43 Resp: 147562  
Ion Ratio Lower Upper  
43 100  
72 25.7 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 17.827 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion: 77 Resp: 39378  
Ion Ratio Lower Upper  
77 100  
97 24.5 10.8 32.3



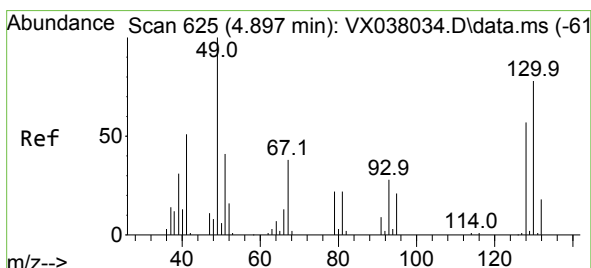
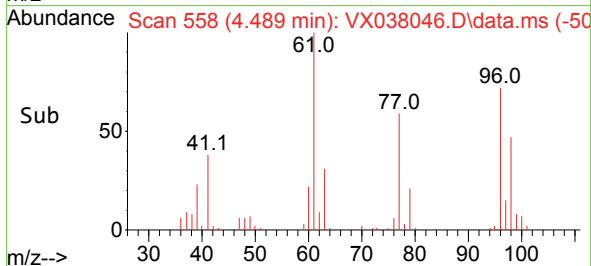
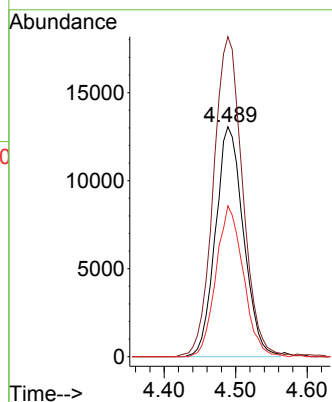
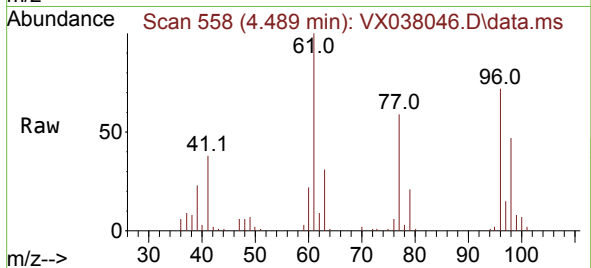


#27  
 cis-1,2-Dichloroethene  
 Concen: 20.240 ug/l  
 RT: 4.489 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VX038046.D  
 Acq: 03 Oct 2023 18:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 96 Resp: 35475  

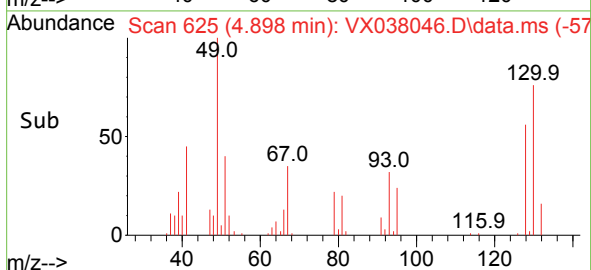
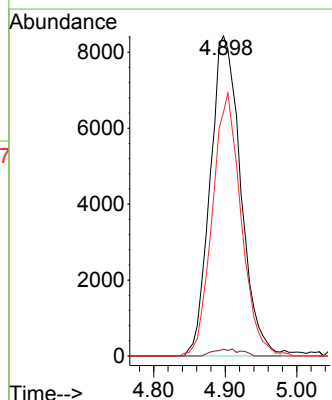
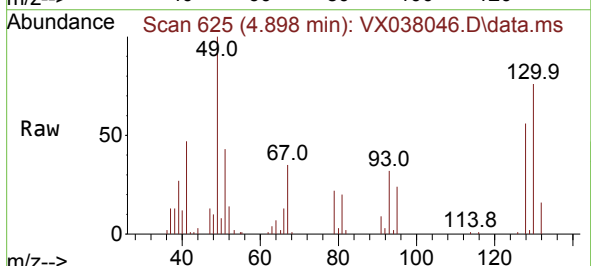
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 145.1 | 0.0   | 312.2 |
| 98  | 64.1  | 0.0   | 129.0 |

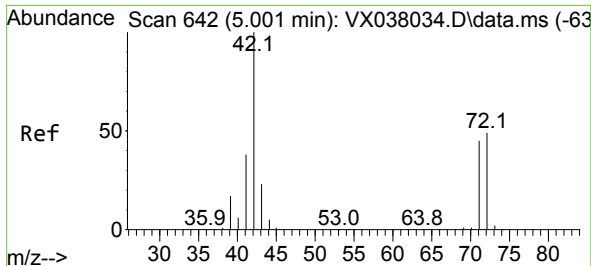


#28  
 Bromochloromethane  
 Concen: 18.873 ug/l  
 RT: 4.898 min Scan# 625  
 Delta R.T. 0.000 min  
 Lab File: VX038046.D  
 Acq: 03 Oct 2023 18:53

Tgt Ion: 49 Resp: 24975  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.0   | 0.0   | 3.8   |
| 130 | 77.7  | 57.5  | 86.3  |





#29

Tetrahydrofuran

Concen: 103.988 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

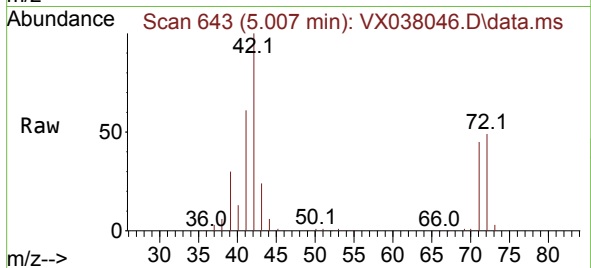
Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

Instrument :

MSVOA\_X

ClientSampleId :



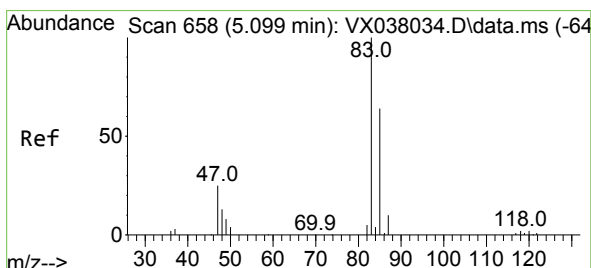
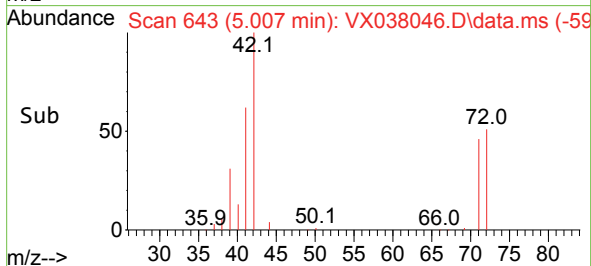
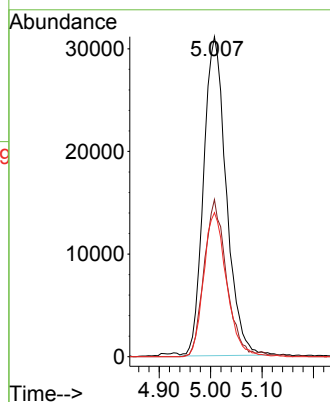
Tgt Ion: 42 Resp: 95478

Ion Ratio Lower Upper

42 100

72 48.3 34.2 51.4

71 45.5 32.2 48.2



#30

Chloroform

Concen: 19.838 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX038046.D

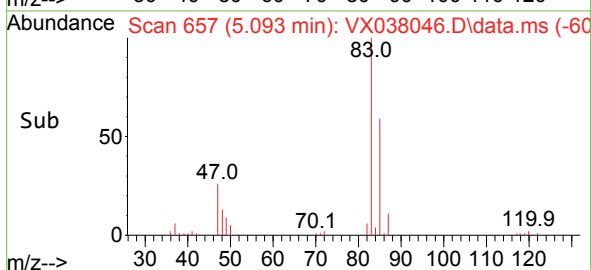
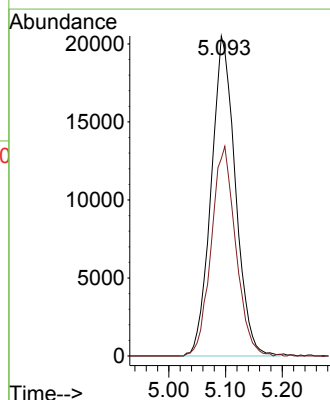
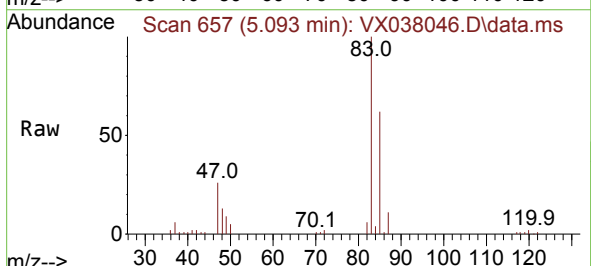
Acq: 03 Oct 2023 18:53

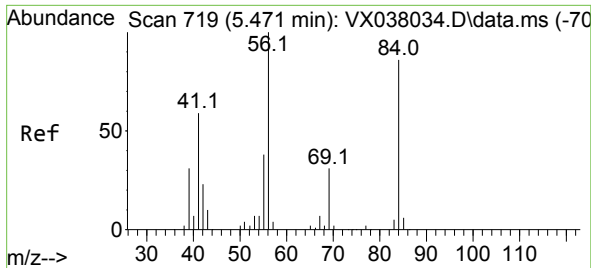
Tgt Ion: 83 Resp: 60779

Ion Ratio Lower Upper

83 100

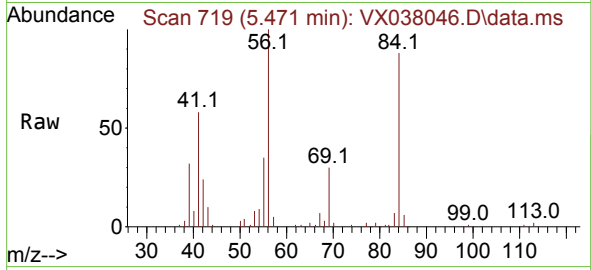
85 61.7 50.3 75.5



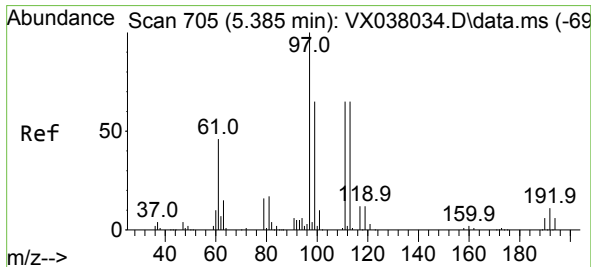
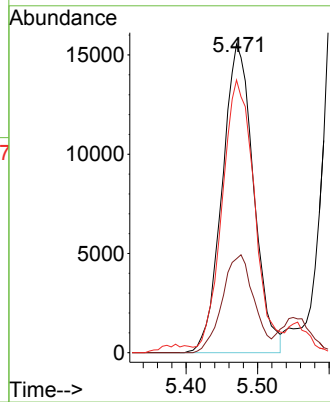
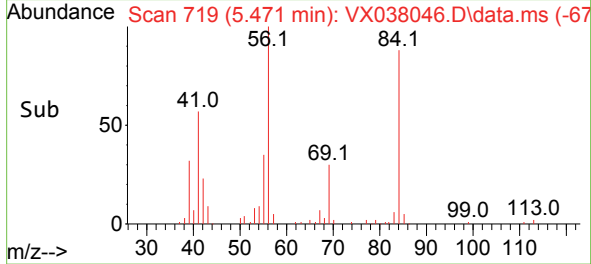


#31  
Cyclohexane  
Concen: 19.762 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

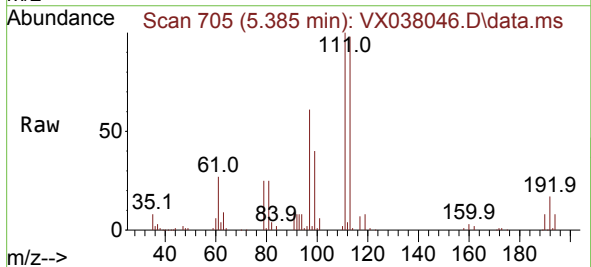
Instrument :  
MSVOA\_X  
ClientSampleId :



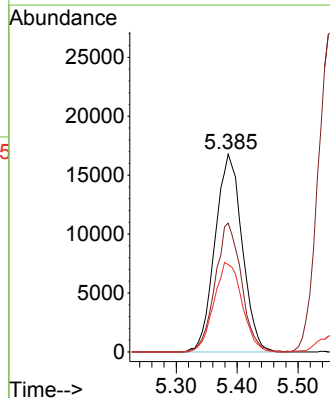
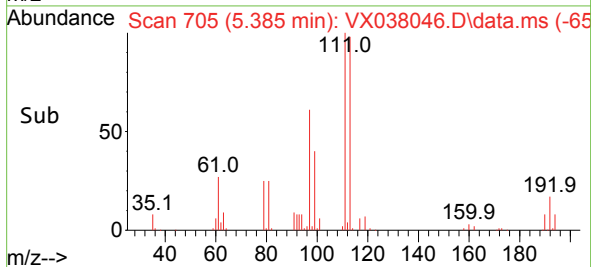
Tgt Ion: 56 Resp: 47515  
Ion Ratio Lower Upper  
56 100  
69 30.4 23.4 35.2  
84 86.5 65.9 98.9

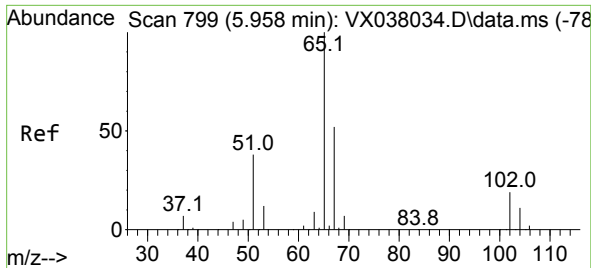


#32  
1,1,1-Trichloroethane  
Concen: 20.391 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53



Tgt Ion: 97 Resp: 51965  
Ion Ratio Lower Upper  
97 100  
99 62.9 51.1 76.7  
61 46.9 36.4 54.6

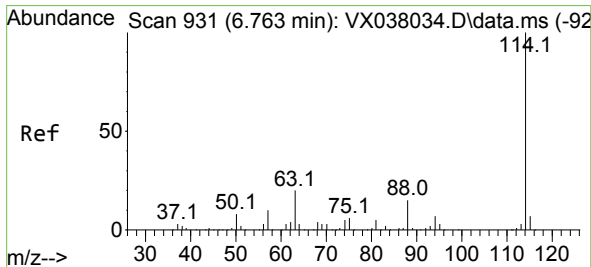
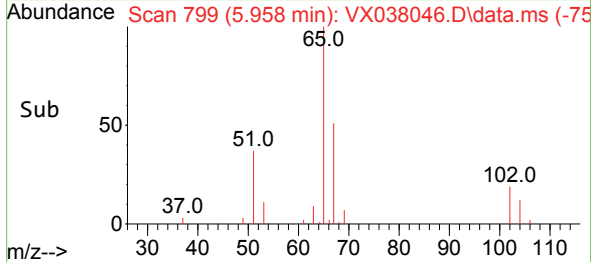
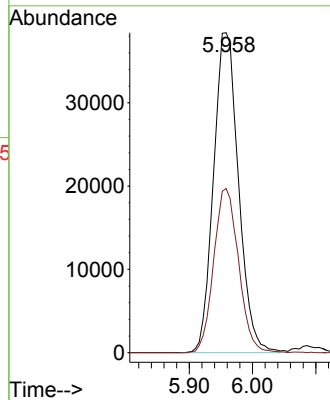
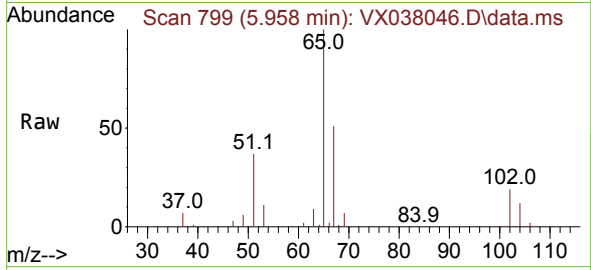




#33  
1,2-Dichloroethane-d4  
Concen: 51.265 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

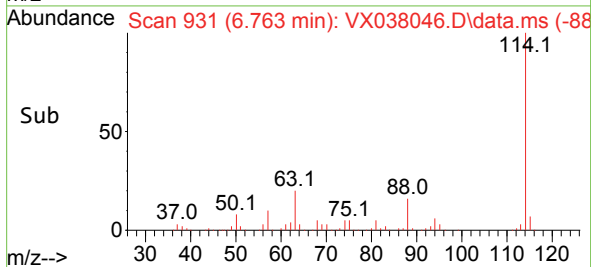
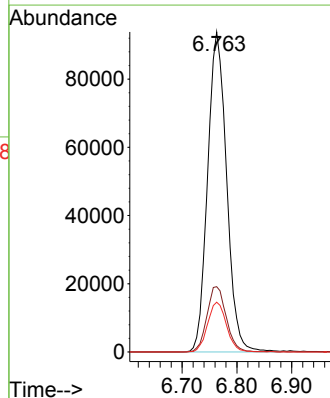
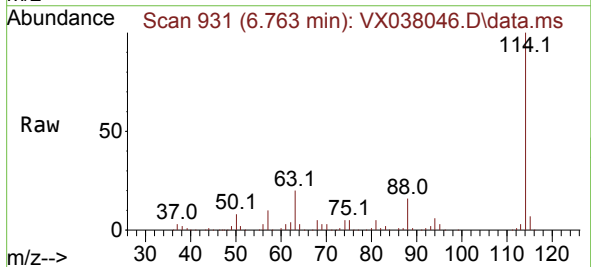
Instrument :  
MSVOA\_X  
ClientSampleId :

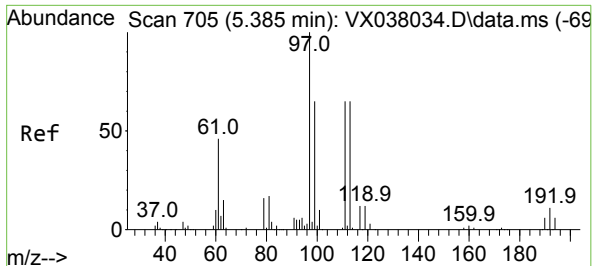
Tgt Ion: 65 Resp: 105406  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion: 114 Resp: 225306  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 45.0  
88 15.6 0.0 36.6

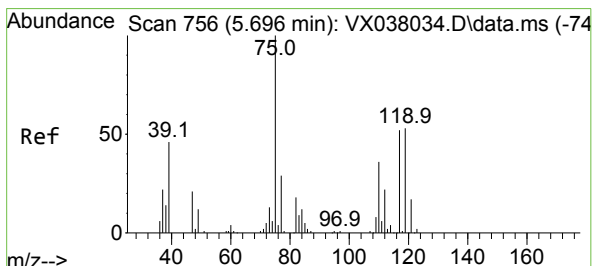
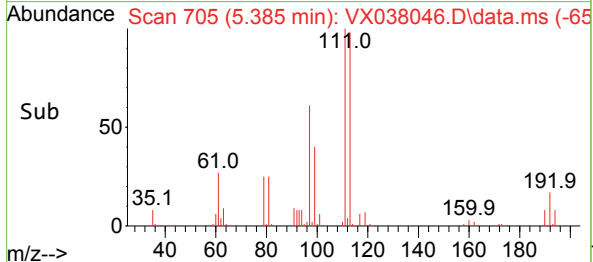
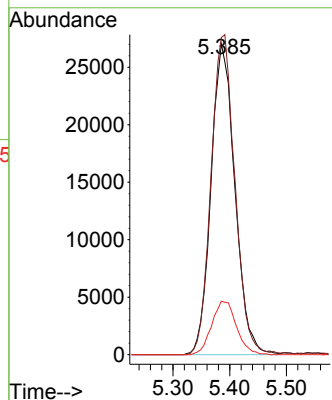
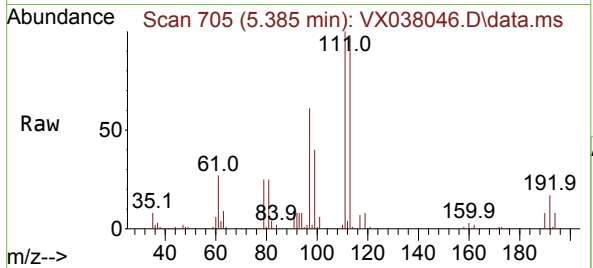




#35  
Dibromofluoromethane  
Concen: 51.004 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

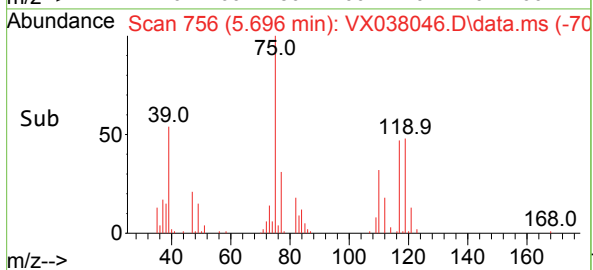
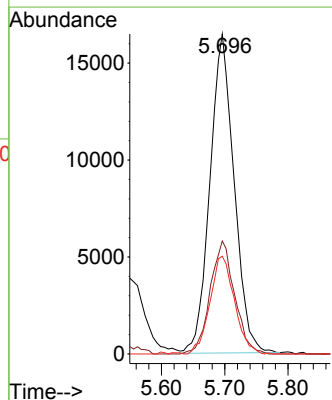
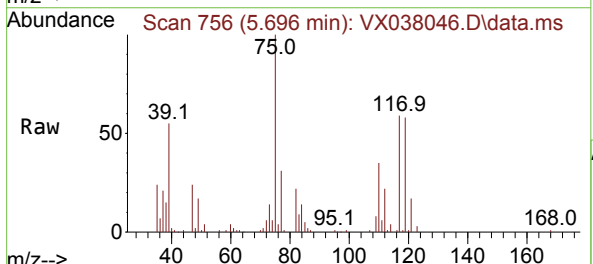
Instrument :  
MSVOA\_X  
ClientSampleId :

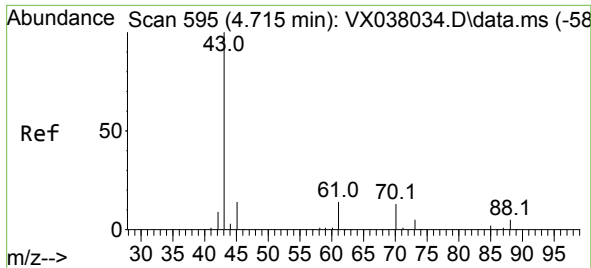
Tgt Ion:113 Resp: 78837  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.9 124.3  
192 17.9 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 19.141 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

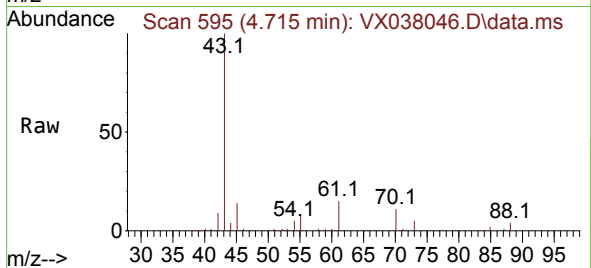
Tgt Ion: 75 Resp: 43601  
Ion Ratio Lower Upper  
75 100  
110 35.8 17.0 50.9  
77 31.1 24.7 37.1



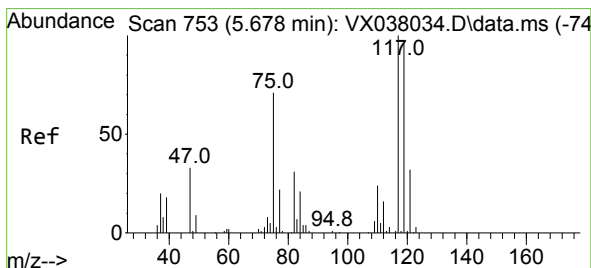
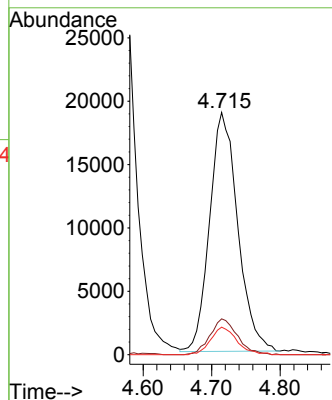
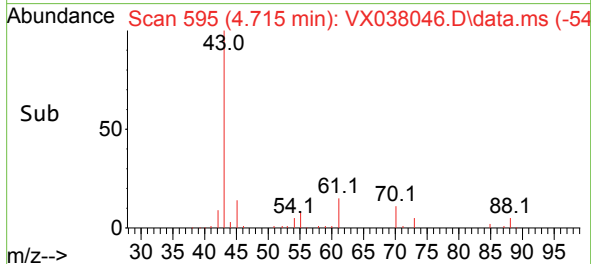


#37  
Ethyl Acetate  
Concen: 21.057 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Instrument :  
MSVOA\_X  
ClientSampleId :

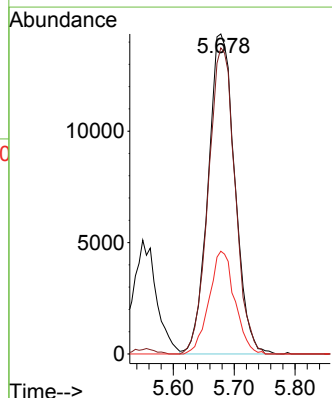
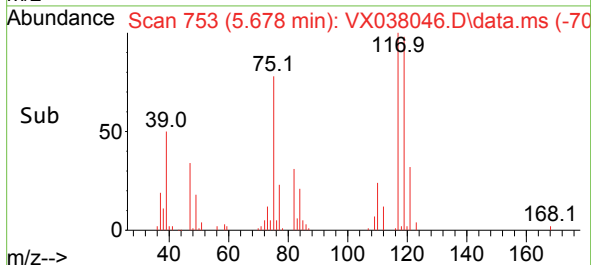
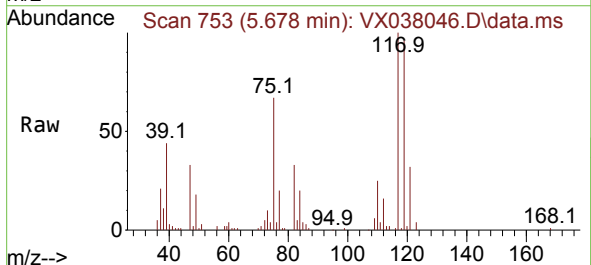


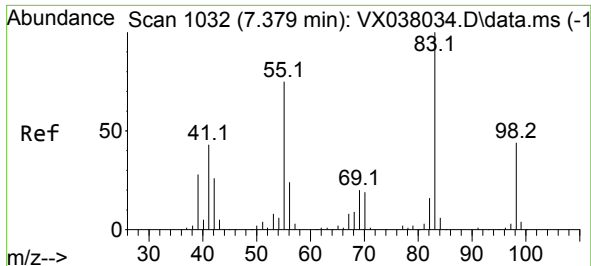
Tgt Ion: 43 Resp: 53870  
Ion Ratio Lower Upper  
43 100  
61 14.5 10.6 16.0  
70 10.7 8.3 12.5



#38  
Carbon Tetrachloride  
Concen: 19.730 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion: 117 Resp: 43734  
Ion Ratio Lower Upper  
117 100  
119 95.7 78.2 117.2  
121 32.1 24.4 36.6

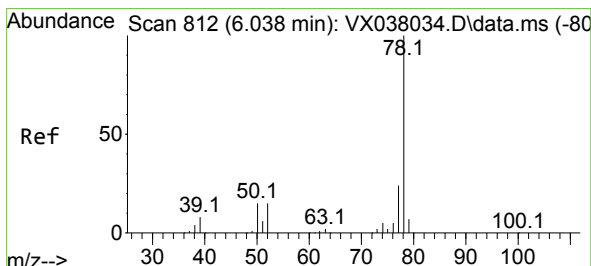
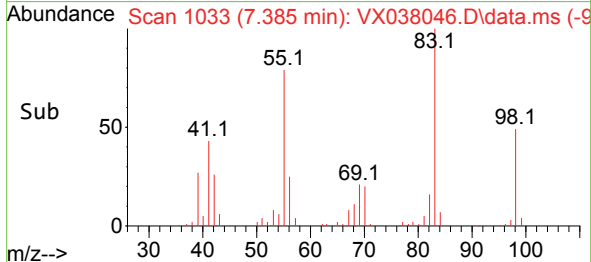
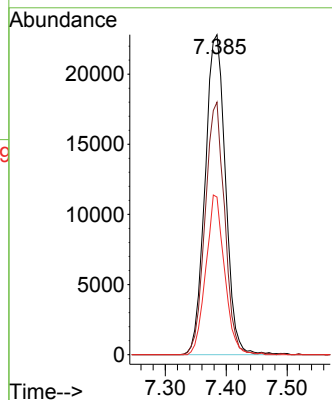
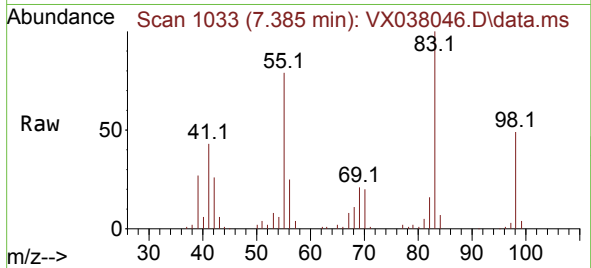




#39  
Methylcyclohexane  
Concen: 19.685 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.006 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

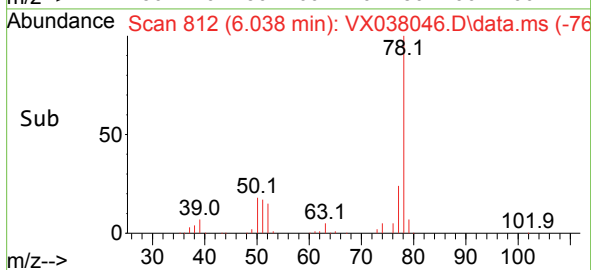
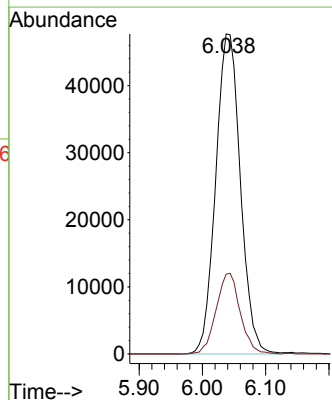
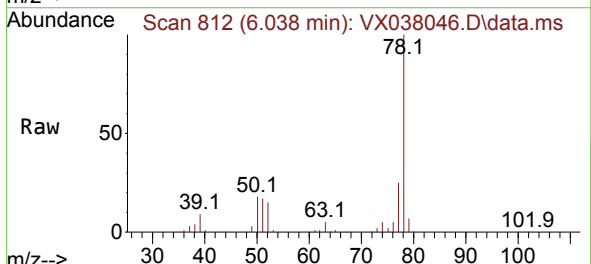
Instrument :  
MSVOA\_X  
ClientSampleId :

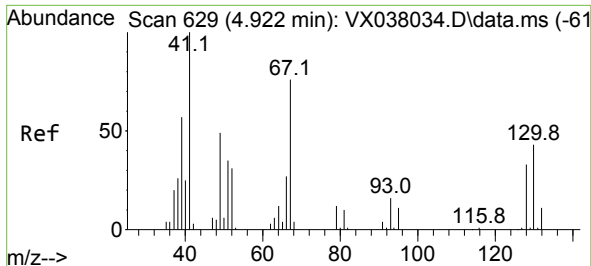
Tgt Ion: 83 Resp: 52998  
Ion Ratio Lower Upper  
83 100  
55 78.9 64.6 97.0  
98 49.2 36.7 55.1



#40  
Benzene  
Concen: 20.082 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion: 78 Resp: 129044  
Ion Ratio Lower Upper  
78 100  
77 24.9 19.3 28.9

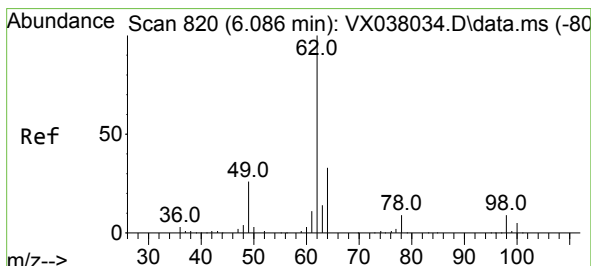
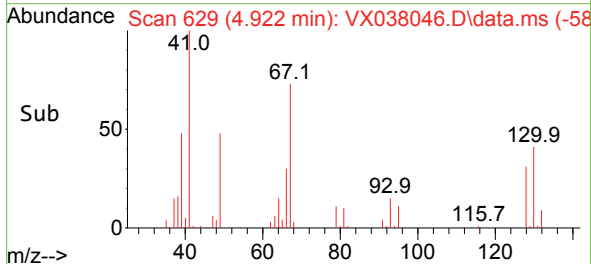
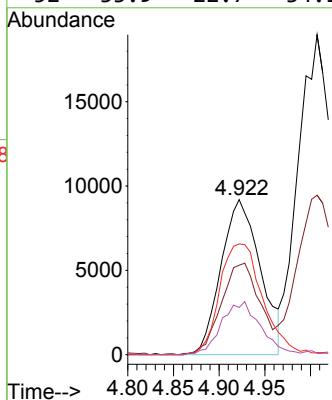
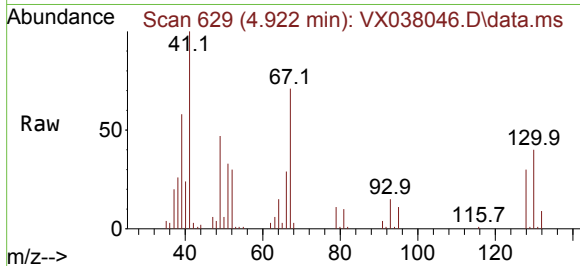




#41  
Methacrylonitrile  
Concen: 21.499 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

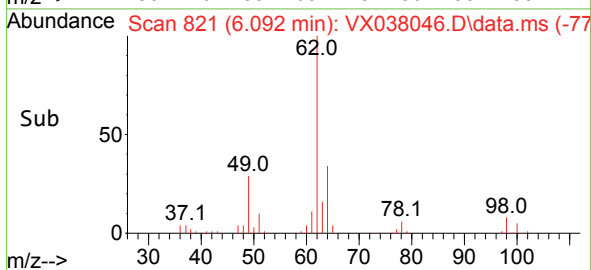
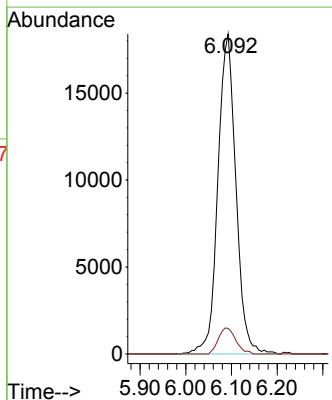
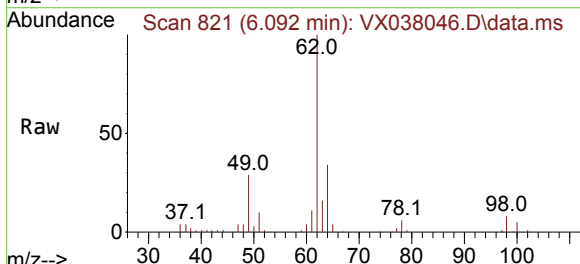
Instrument :  
MSVOA\_X  
ClientSampleId :

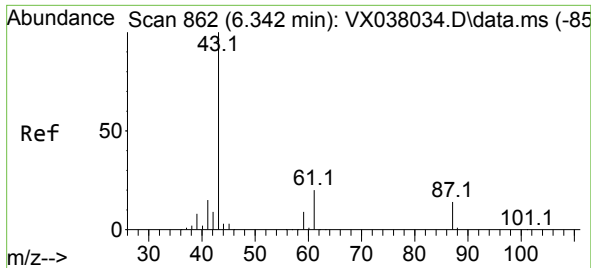
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 27538 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.6  | 45.2  | 67.8  |
| 67       | 78.0  | 52.6  | 78.8  |
| 52       | 33.9  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 19.998 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 50395 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.9   | 0.0   | 16.0  |

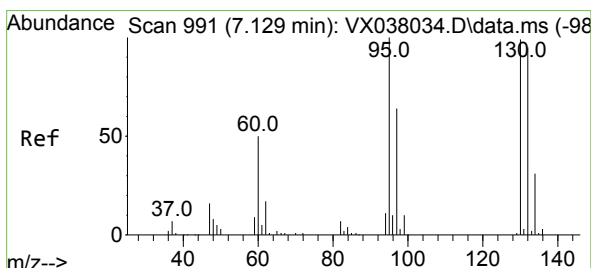
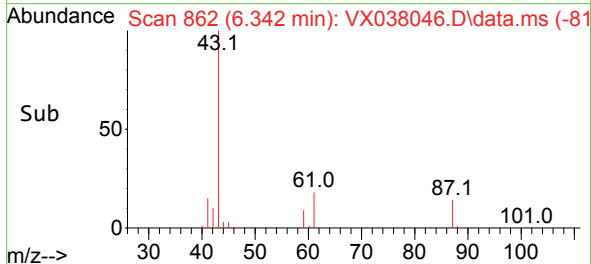
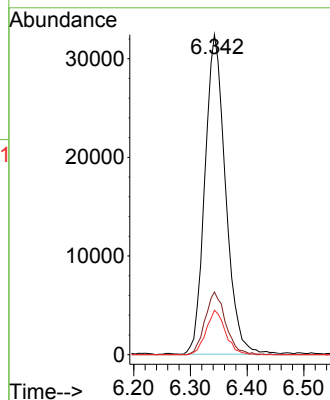
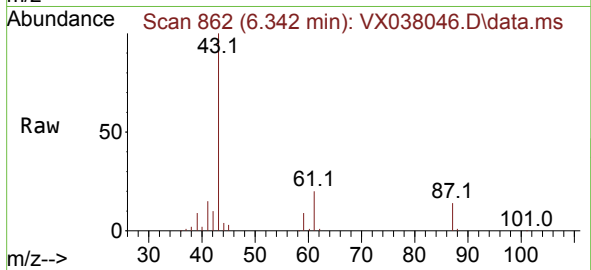




#43  
Isopropyl Acetate  
Concen: 20.667 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

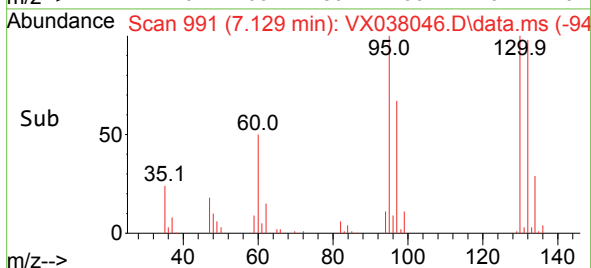
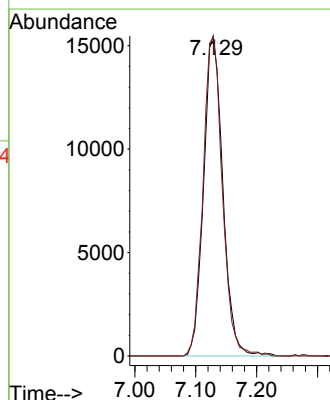
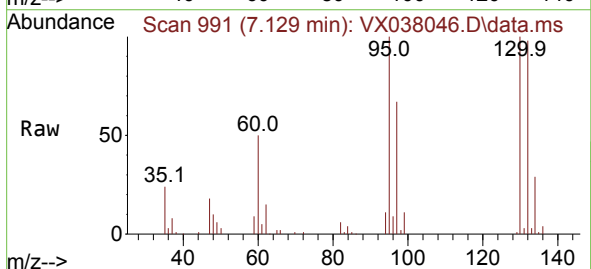
Instrument :  
MSVOA\_X  
ClientSampleId :

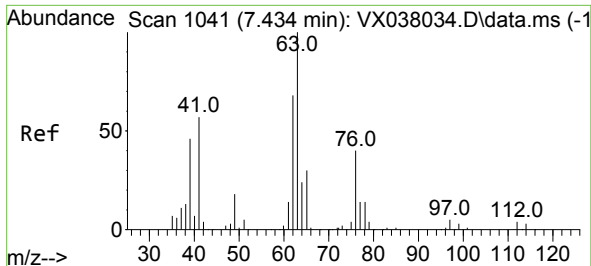
Tgt Ion: 43 Resp: 81913  
Ion Ratio Lower Upper  
43 100  
61 19.5 15.2 22.8  
87 13.0 9.8 14.6



#44  
Trichloroethene  
Concen: 19.577 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion:130 Resp: 33949  
Ion Ratio Lower Upper  
130 100  
95 99.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.302 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

Instrument :

MSVOA\_X

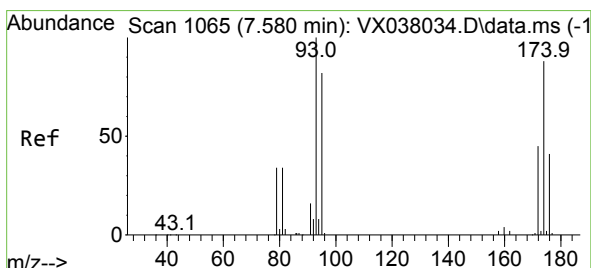
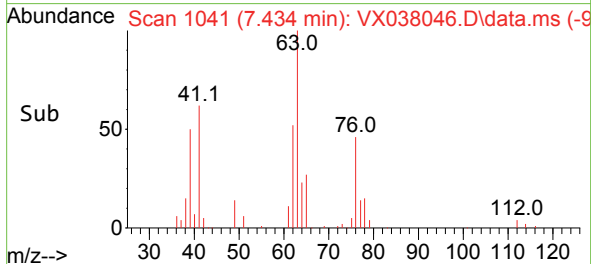
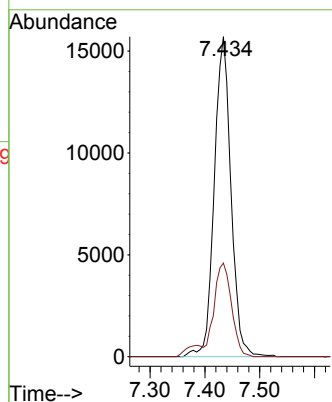
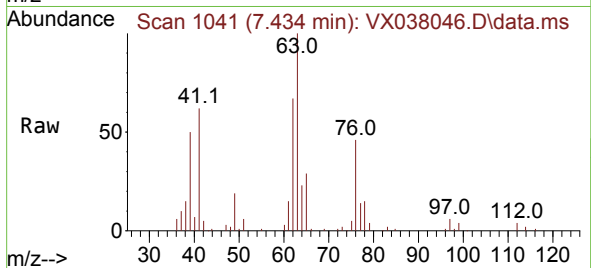
ClientSampleId :

Tgt Ion: 63 Resp: 33212

Ion Ratio Lower Upper

63 100

65 29.3 24.3 36.5



#46

Dibromomethane

Concen: 20.081 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

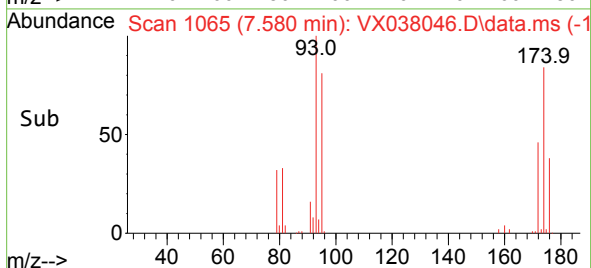
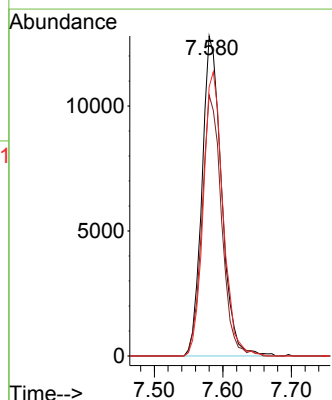
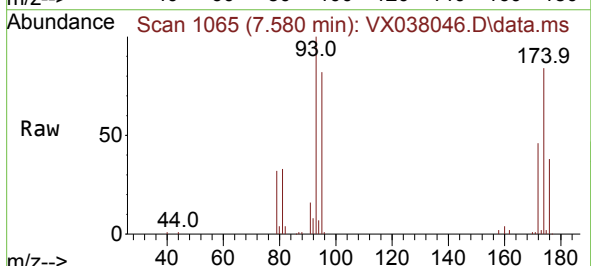
Tgt Ion: 93 Resp: 25439

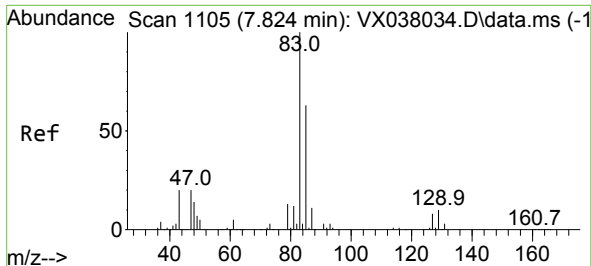
Ion Ratio Lower Upper

93 100

95 81.3 66.6 100.0

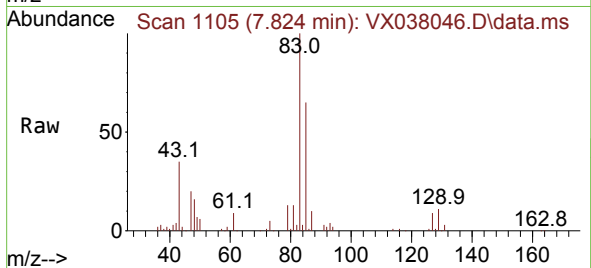
174 89.2 69.4 104.0



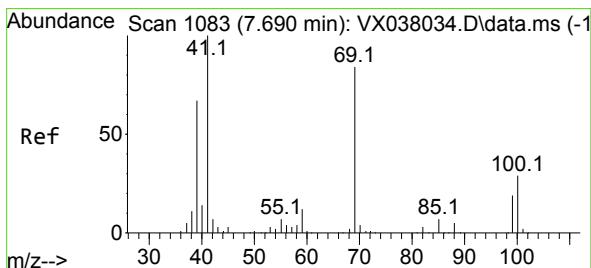
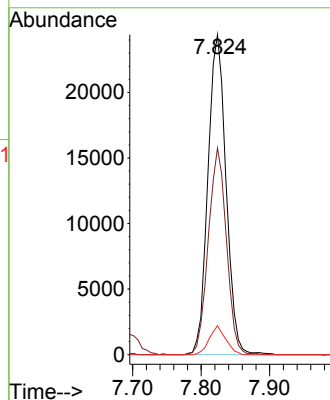
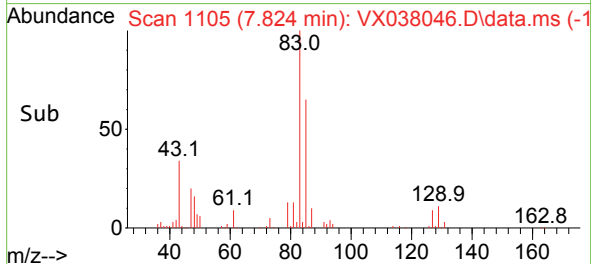


#47  
Bromodichloromethane  
Concen: 20.333 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Instrument :  
MSVOA\_X  
ClientSampleId :

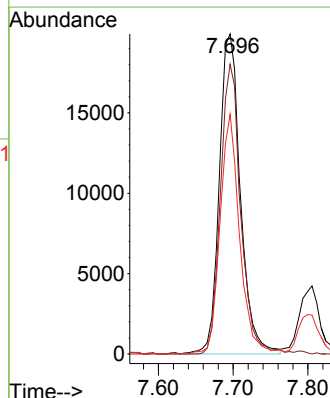
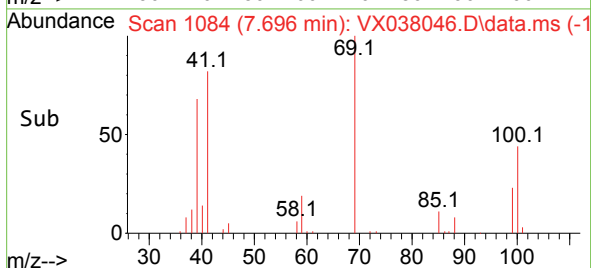
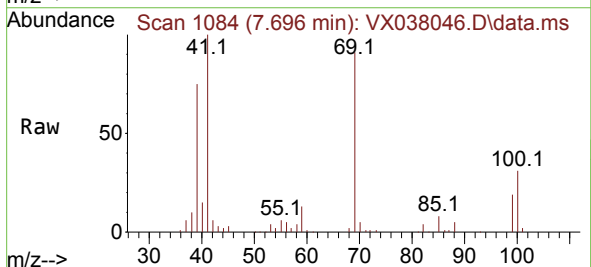


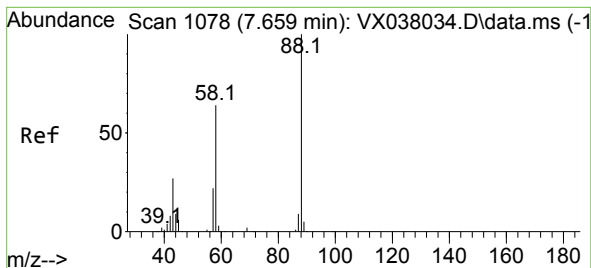
Tgt Ion: 83 Resp: 44845  
Ion Ratio Lower Upper  
83 100  
85 64.6 49.8 74.6  
127 9.0 7.1 10.7



#48  
Methyl methacrylate  
Concen: 20.550 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion: 41 Resp: 39161  
Ion Ratio Lower Upper  
41 100  
69 87.0 59.2 88.8  
39 69.5 47.7 71.5





#49

1,4-Dioxane

Concen: 454.357 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

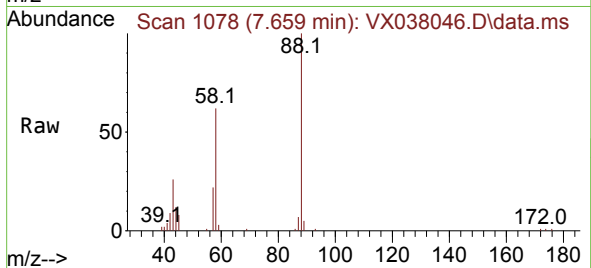
Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

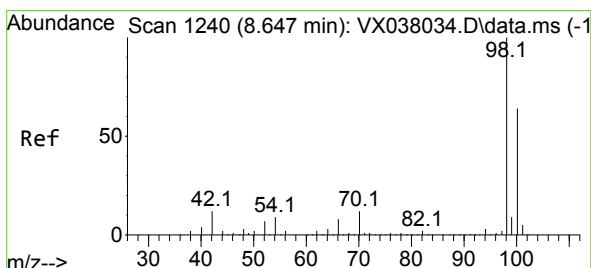
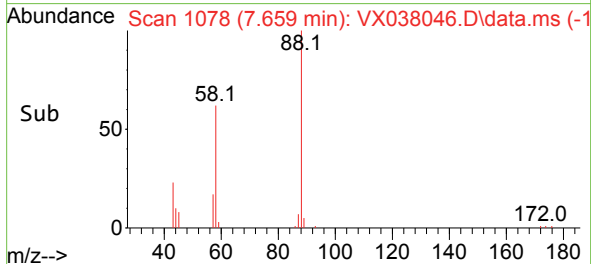
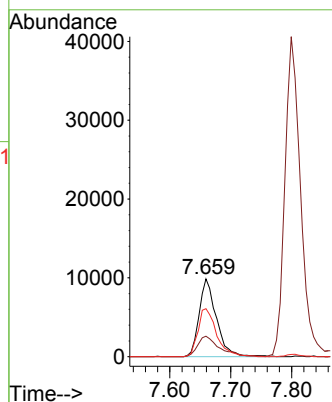
Instrument :

MSVOA\_X

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 19409 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 33.2  | 0.0   | 0.0#  |
| 58       | 66.6  | 60.1  | 90.1  |



#50

Toluene-d8

Concen: 51.340 ug/l

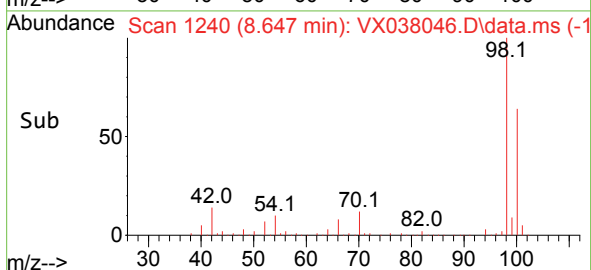
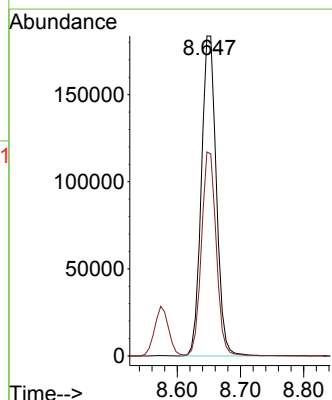
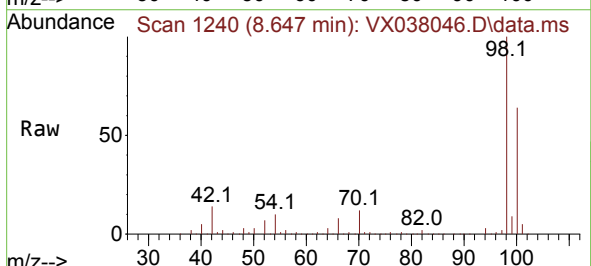
RT: 8.647 min Scan# 1240

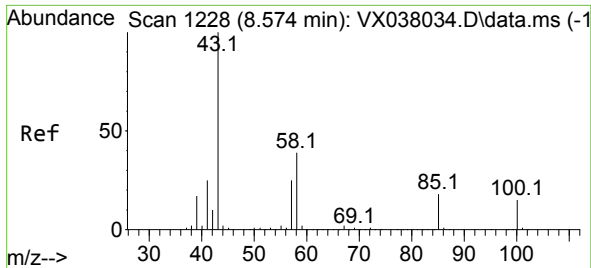
Delta R.T. 0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 303692 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 62.8  | 53.1  | 79.7   |

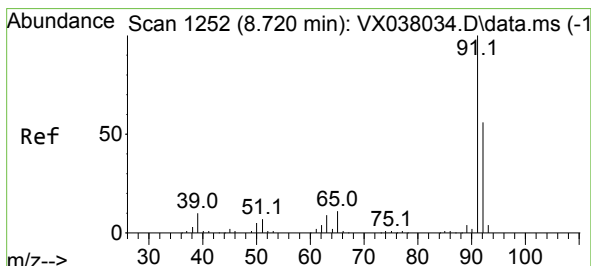
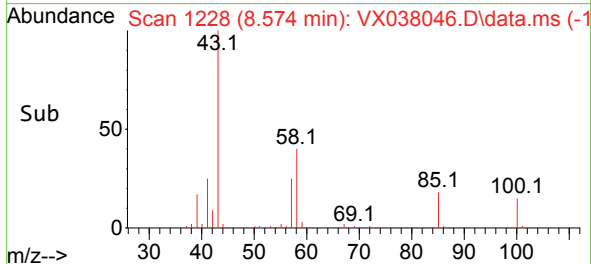
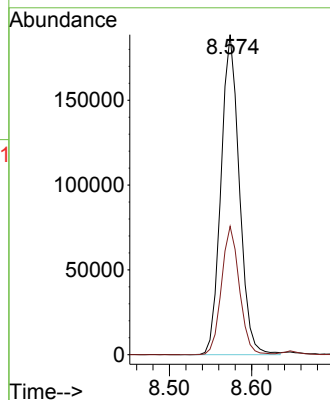
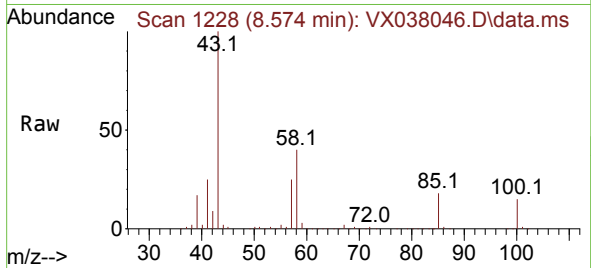




#51  
4-Methyl-2-Pentanone  
Concen: 106.391 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

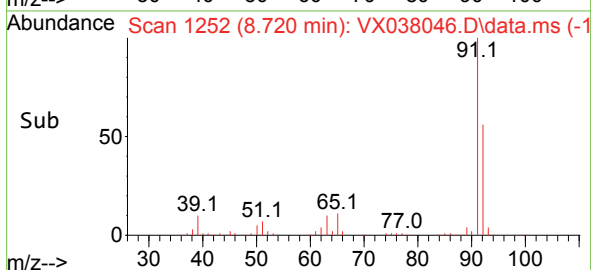
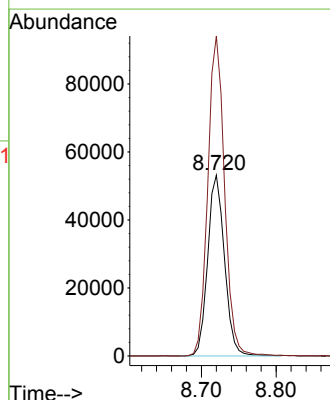
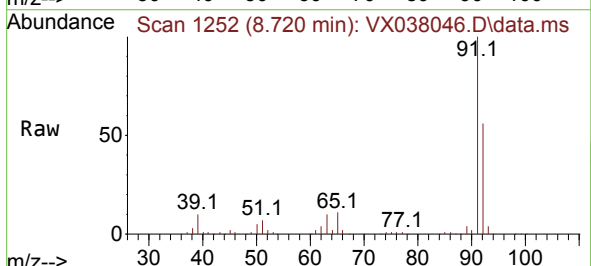
Instrument :  
MSVOA\_X  
ClientSampleId :

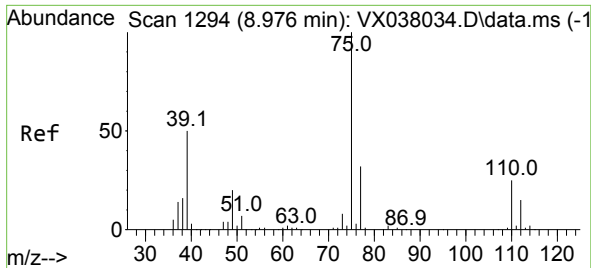
Tgt Ion: 43 Resp: 292974  
Ion Ratio Lower Upper  
43 100  
58 39.1 30.4 45.6



#52  
Toluene  
Concen: 20.017 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion: 92 Resp: 83252  
Ion Ratio Lower Upper  
92 100  
91 176.4 134.2 201.2

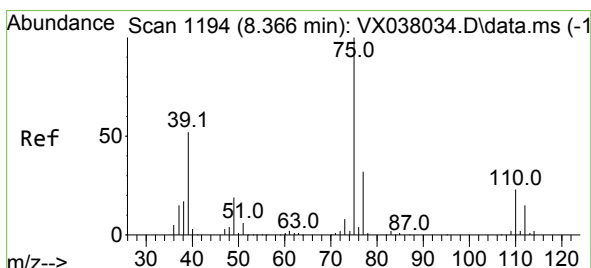
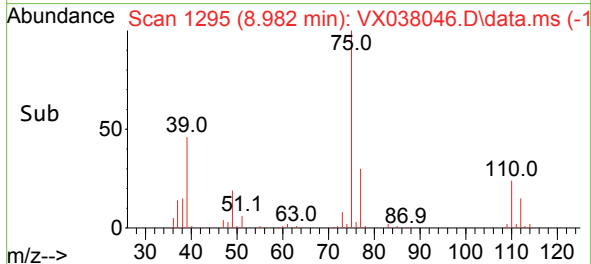
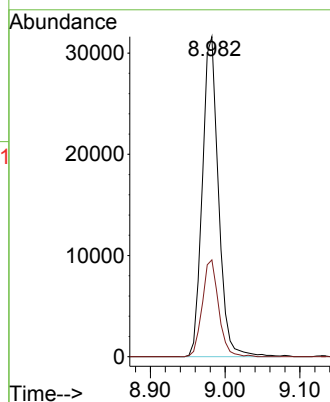
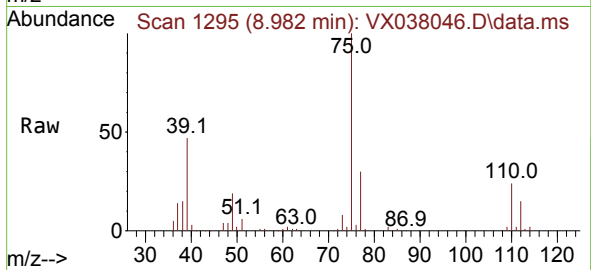




#53  
 t-1,3-Dichloropropene  
 Concen: 20.390 ug/l  
 RT: 8.982 min Scan# 1295  
 Delta R.T. 0.006 min  
 Lab File: VX038046.D  
 Acq: 03 Oct 2023 18:53

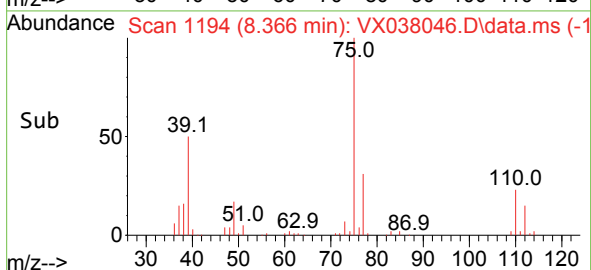
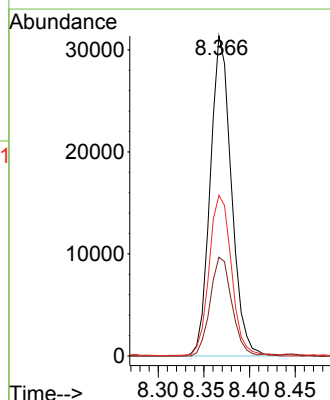
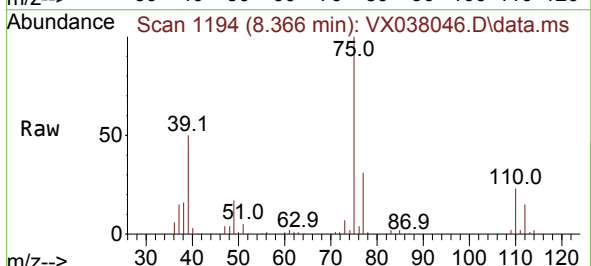
Instrument :  
 MSVOA\_X  
 ClientSampleId :

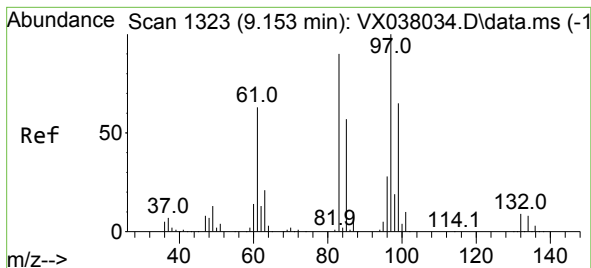
Tgt Ion: 75 Resp: 47369  
 Ion Ratio Lower Upper  
 75 100  
 77 30.3 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.441 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX038046.D  
 Acq: 03 Oct 2023 18:53

Tgt Ion: 75 Resp: 50531  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.3 37.9  
 39 50.0 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 20.654 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 97 Resp: 34883

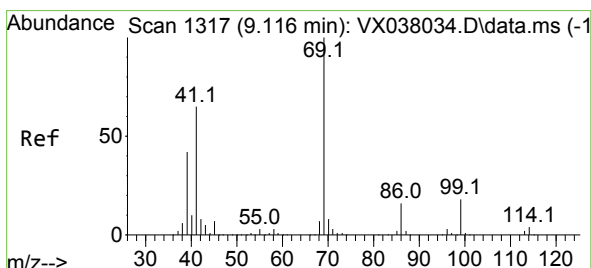
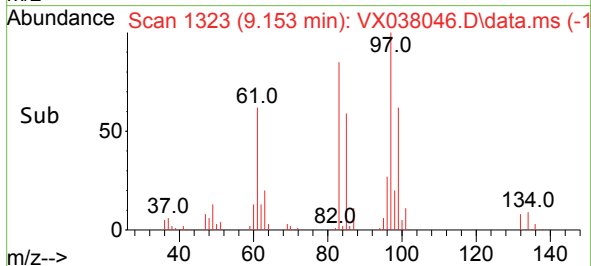
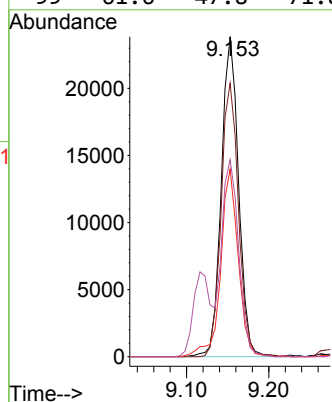
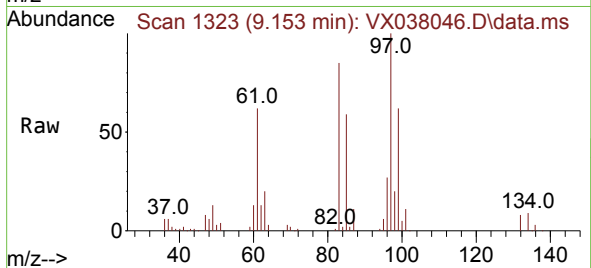
Ion Ratio Lower Upper

97 100

83 85.4 65.8 98.8

85 58.7 41.6 62.4

99 61.6 47.8 71.8



#56

Ethyl methacrylate

Concen: 20.690 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

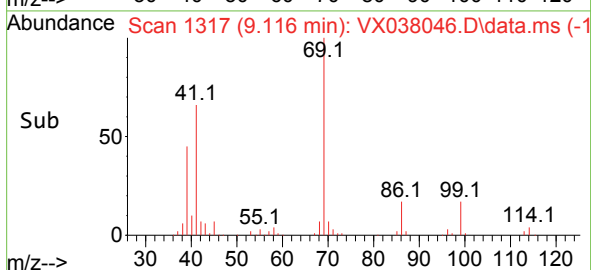
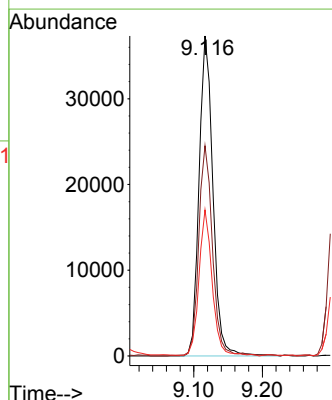
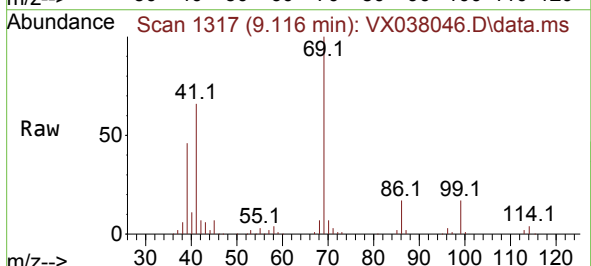
Tgt Ion: 69 Resp: 52520

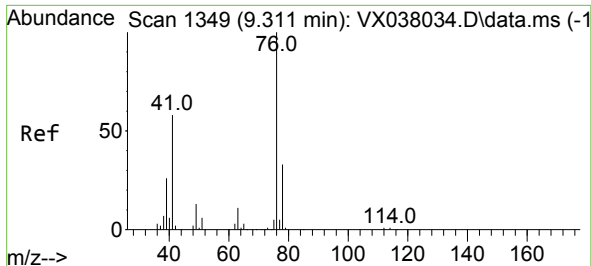
Ion Ratio Lower Upper

69 100

41 65.1 56.8 85.2

39 44.1 32.0 48.0





#57

1,3-Dichloropropane

Concen: 20.466 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

Instrument :

MSVOA\_X

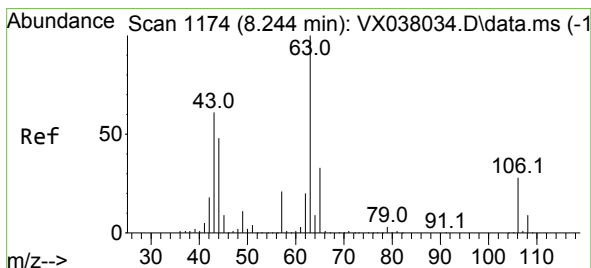
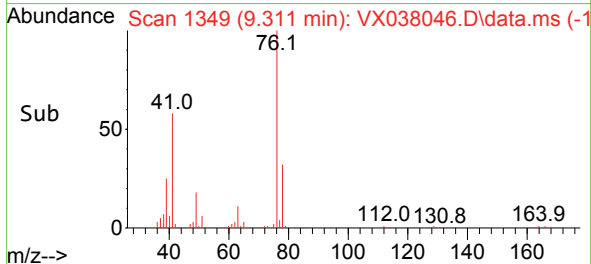
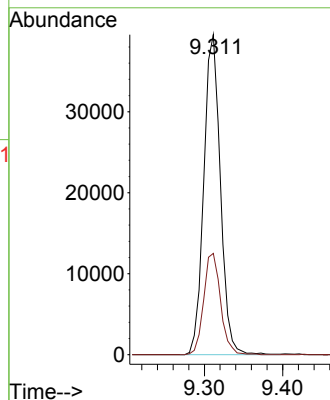
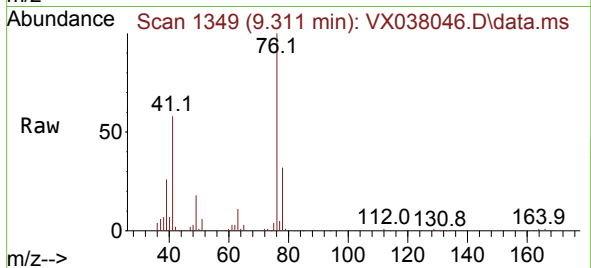
ClientSampleId :

Tgt Ion: 76 Resp: 58124

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 95.054 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038046.D

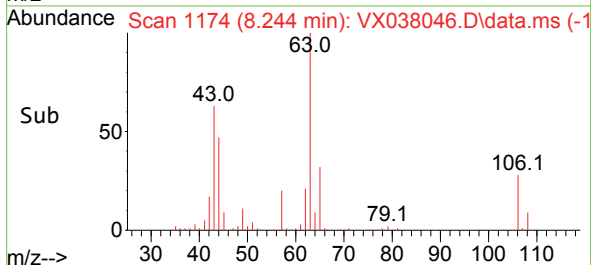
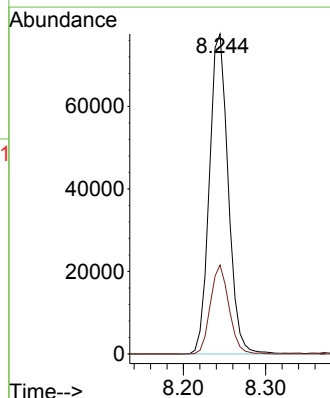
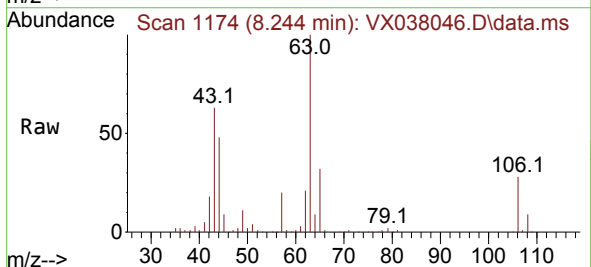
Acq: 03 Oct 2023 18:53

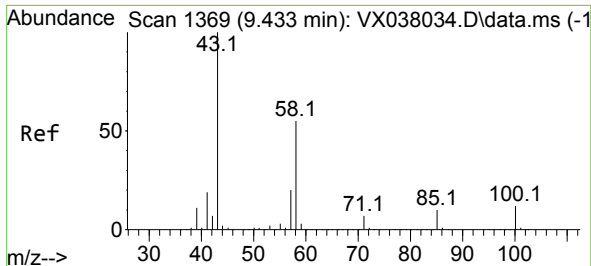
Tgt Ion: 63 Resp: 123318

Ion Ratio Lower Upper

63 100

106 27.4 22.5 33.7

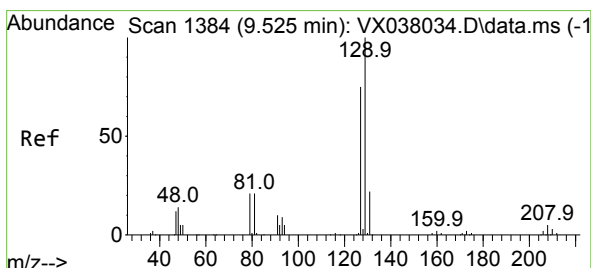
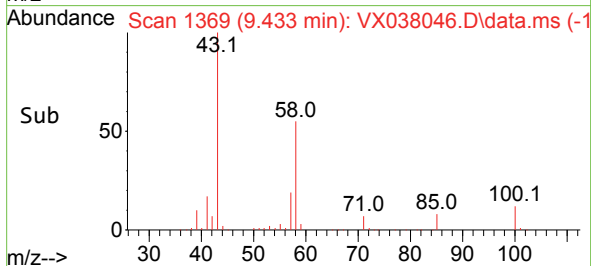
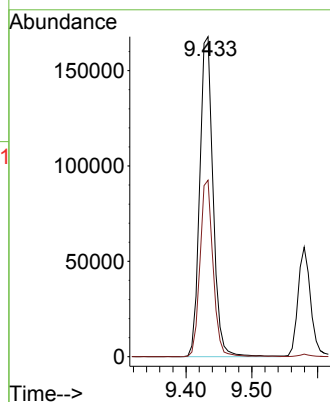
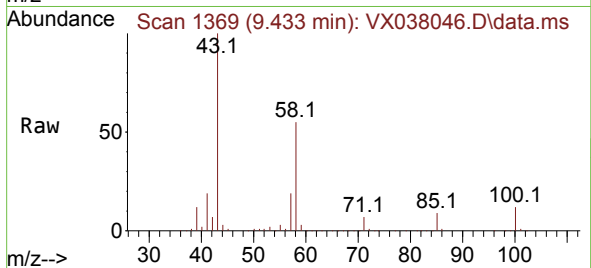




#59  
2-Hexanone  
Concen: 107.439 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

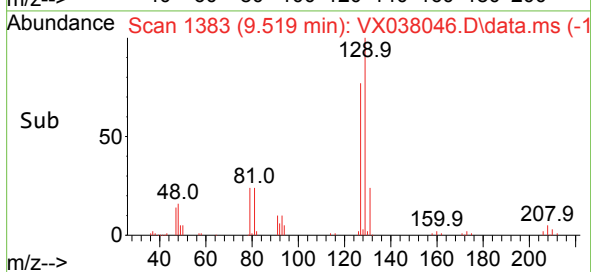
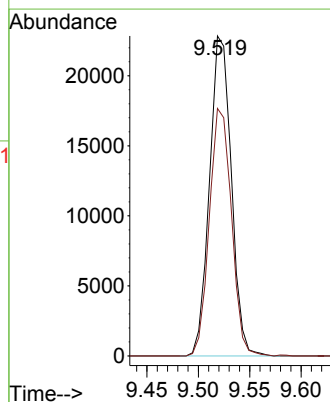
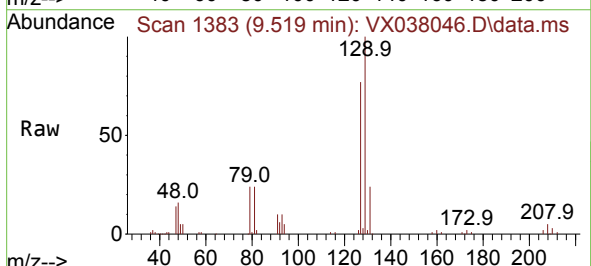
Instrument :  
MSVOA\_X  
ClientSampleId :

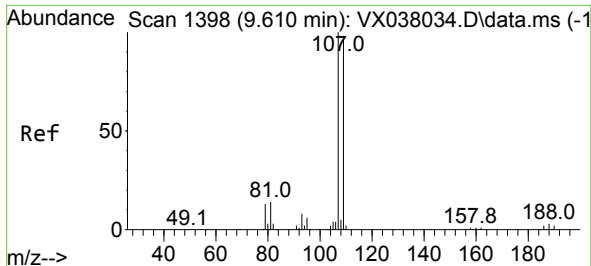
Tgt Ion: 43 Resp: 236676  
Ion Ratio Lower Upper  
43 100  
58 54.1 26.2 78.5



#60  
Dibromochloromethane  
Concen: 20.698 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.006 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion: 129 Resp: 33640  
Ion Ratio Lower Upper  
129 100  
127 78.4 38.8 116.4

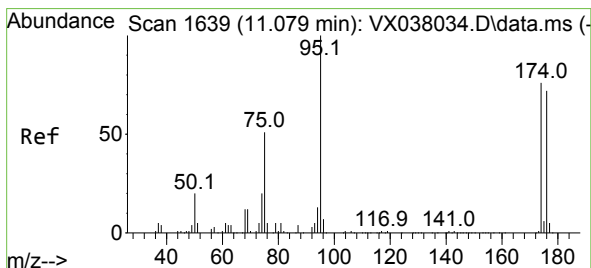
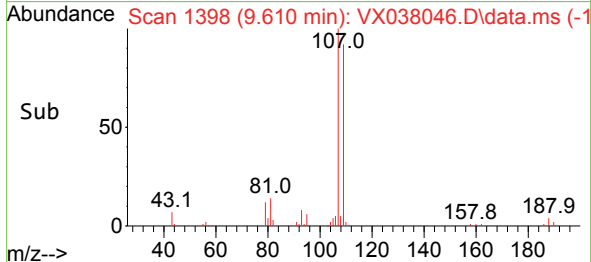
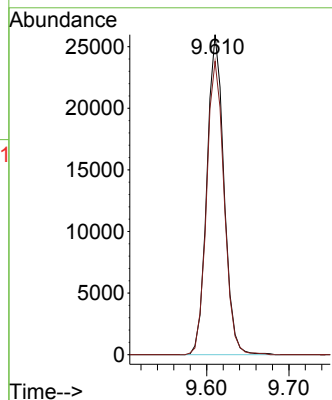
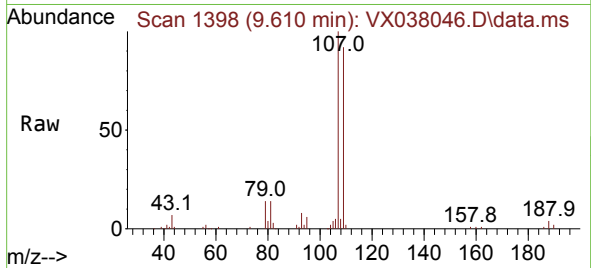




#61  
1,2-Dibromoethane  
Concen: 20.463 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

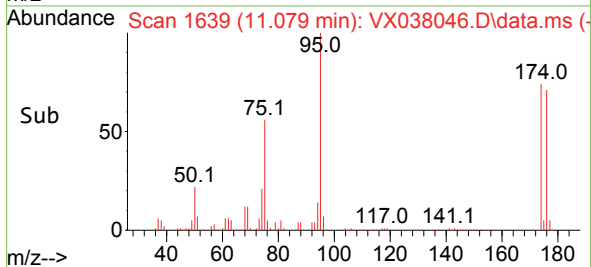
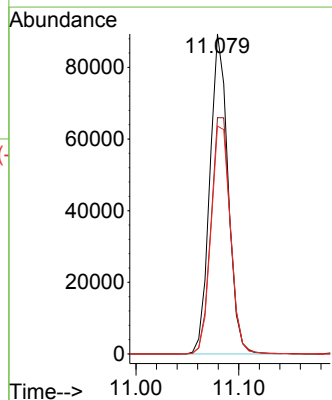
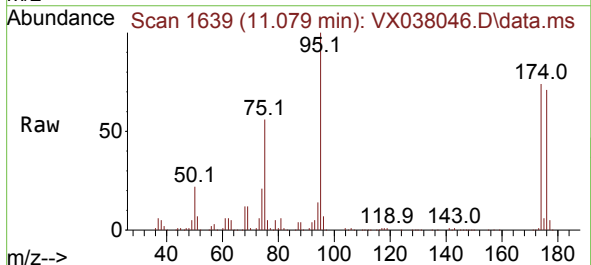
Instrument :  
MSVOA\_X  
ClientSampleId :

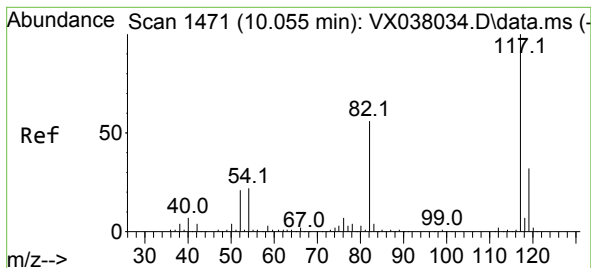
Tgt Ion:107 Resp: 37469  
Ion Ratio Lower Upper  
107 100  
109 94.1 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 50.988 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion: 95 Resp: 109769  
Ion Ratio Lower Upper  
95 100  
174 78.9 0.0 135.6  
176 76.1 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: VX038046.D

Acq: 03 Oct 2023 18:53

Instrument :

MSVOA\_X

ClientSampleId :

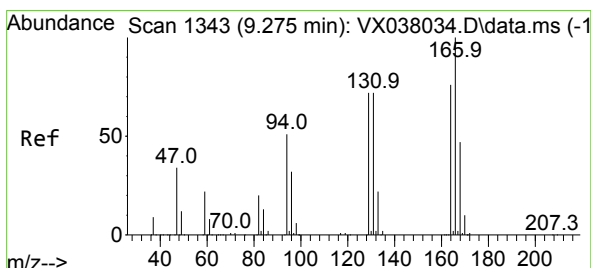
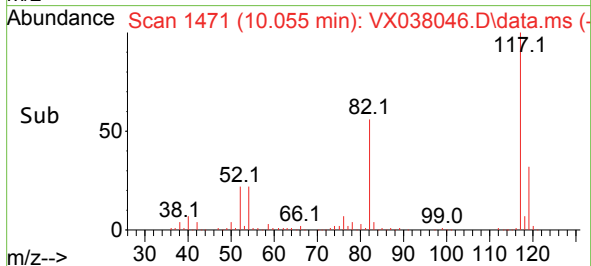
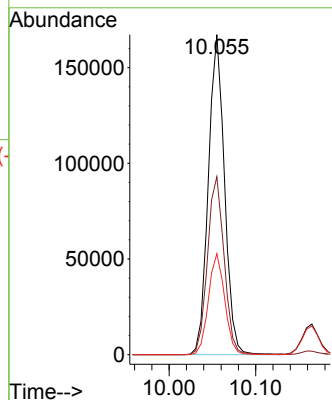
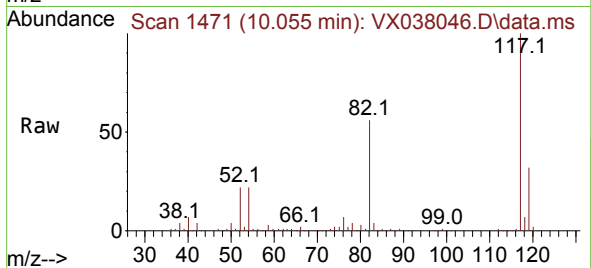
Tgt Ion:117 Resp: 216648

Ion Ratio Lower Upper

117 100

82 55.6 46.2 69.4

119 31.6 25.5 38.3



#64

Tetrachloroethene

Concen: 19.625 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

Tgt Ion:164 Resp: 28289

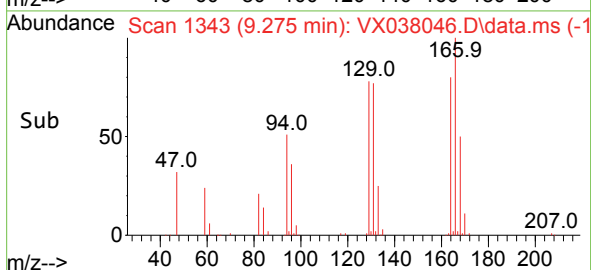
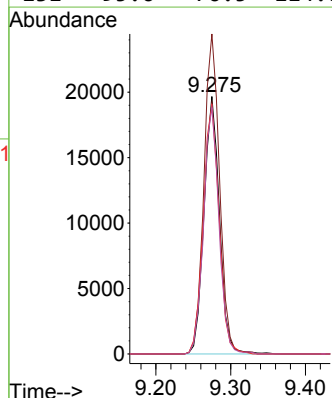
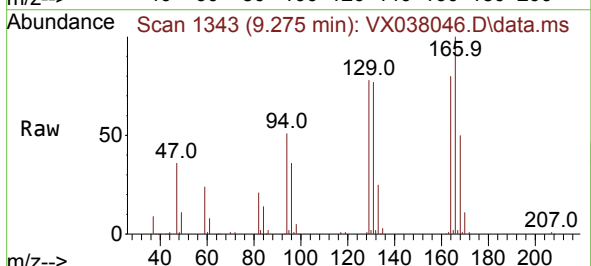
Ion Ratio Lower Upper

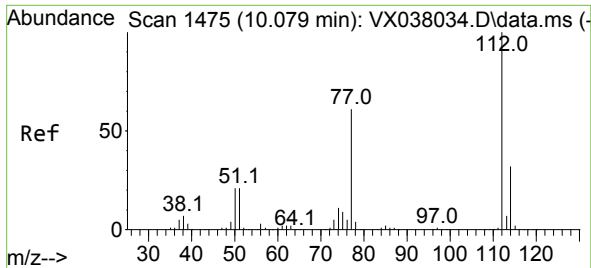
164 100

166 124.3 102.7 154.1

129 97.0 80.4 120.6

131 95.6 76.5 114.7

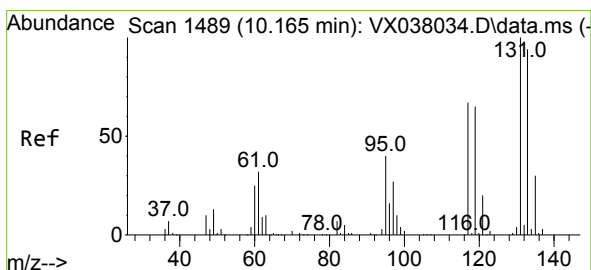
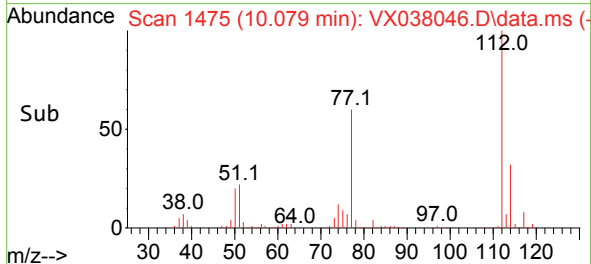
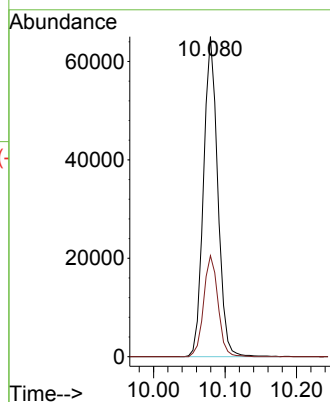
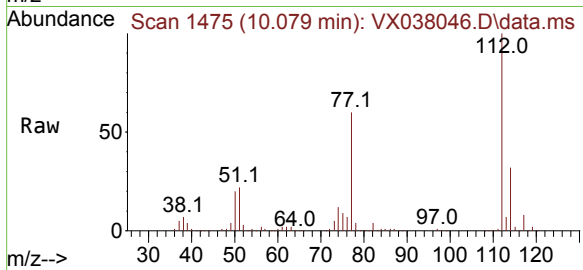




#65  
Chlorobenzene  
Concen: 19.782 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

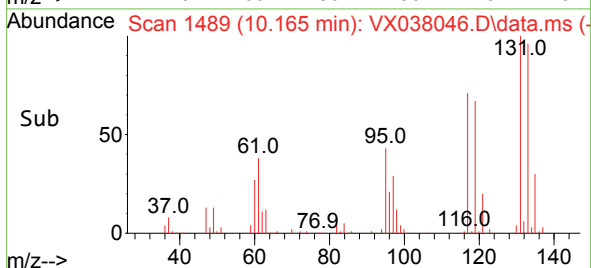
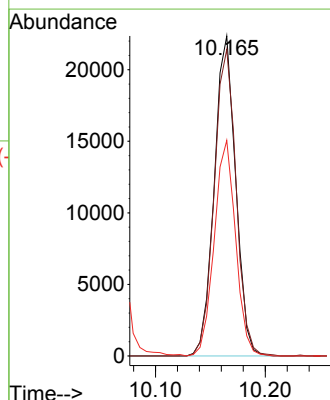
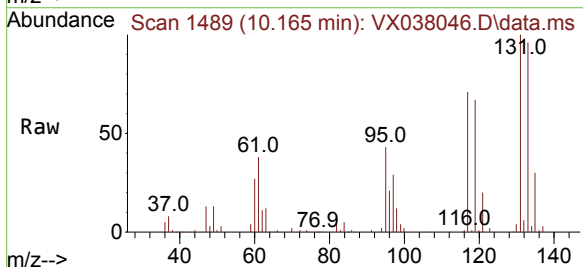
Instrument :  
MSVOA\_X  
ClientSampleId :

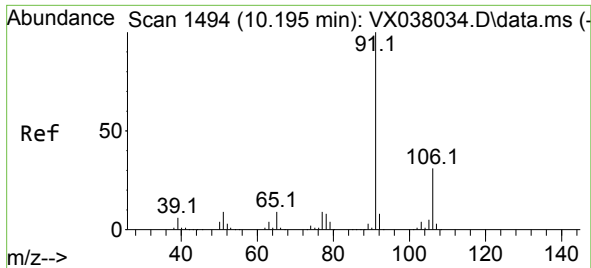
Tgt Ion:112 Resp: 89964  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.041 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

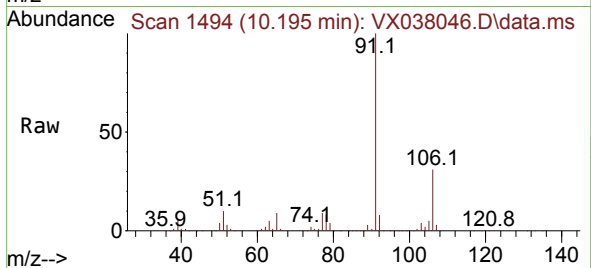
Tgt Ion:131 Resp: 30393  
Ion Ratio Lower Upper  
131 100  
133 97.9 47.1 141.4  
119 67.2 32.2 96.6



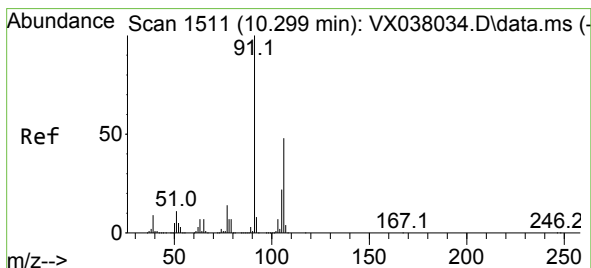
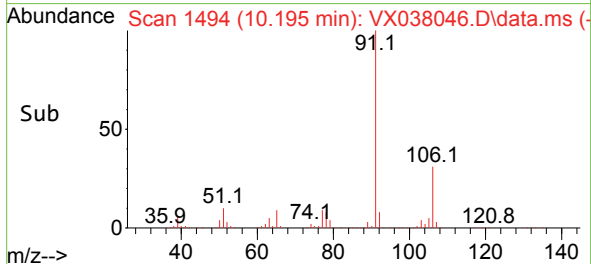
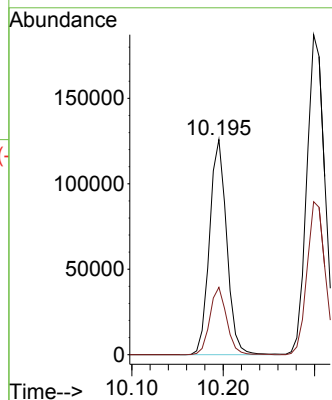


#67  
Ethyl Benzene  
Concen: 20.032 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Instrument :  
MSVOA\_X  
ClientSampleId :

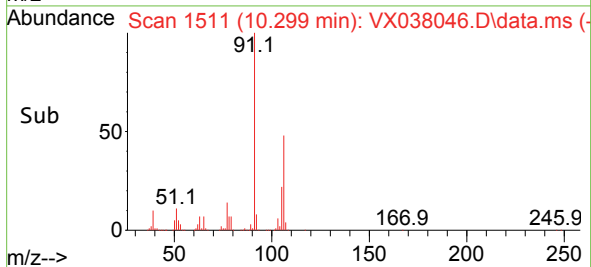
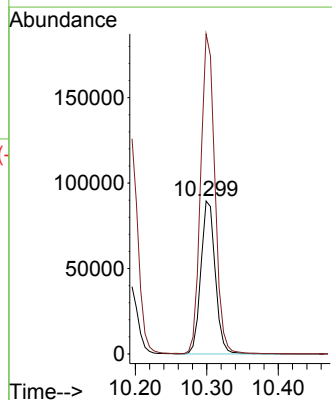
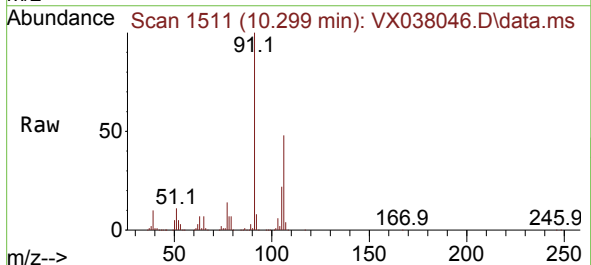


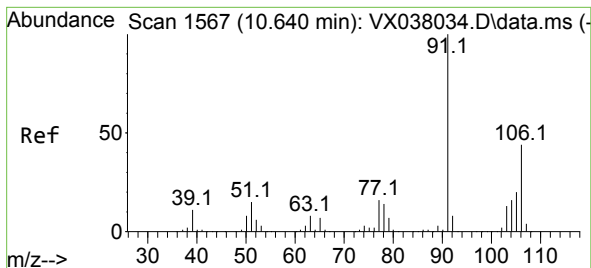
Tgt Ion: 91 Resp: 163885  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.9 37.3



#68  
m/p-Xylenes  
Concen: 39.887 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion: 106 Resp: 124968  
Ion Ratio Lower Upper  
106 100  
91 206.5 165.5 248.3

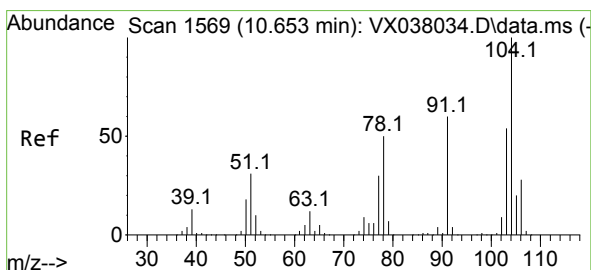
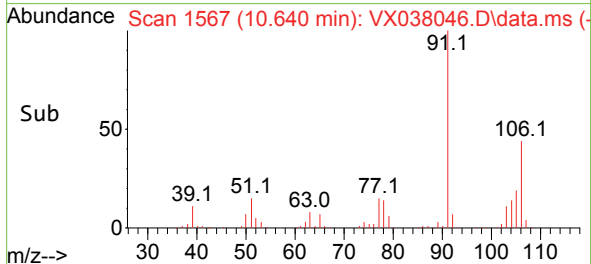
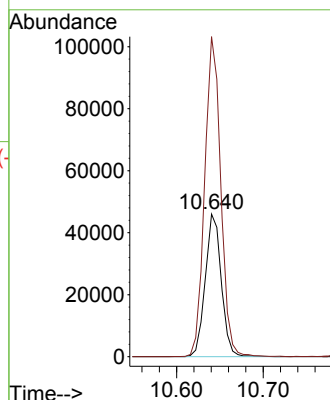
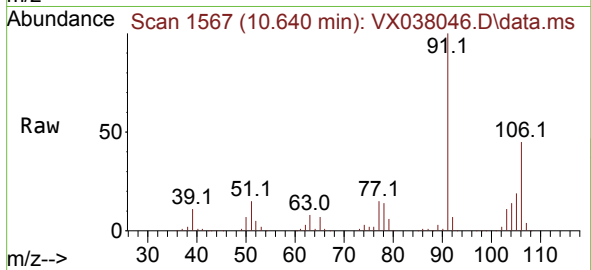




#69  
o-Xylene  
Concen: 19.872 ug/l  
RT: 10.640 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

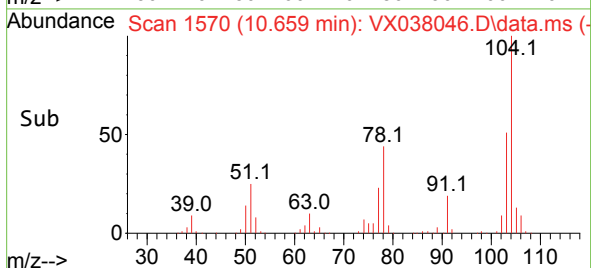
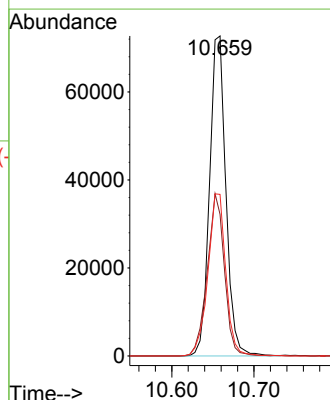
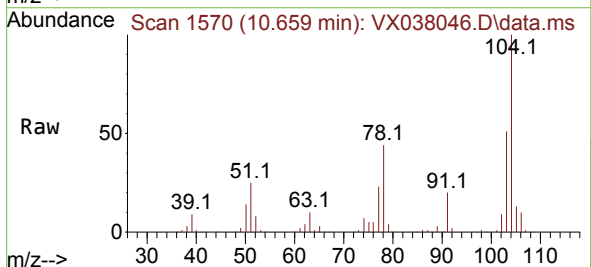
Instrument :  
MSVOA\_X  
ClientSampleId :

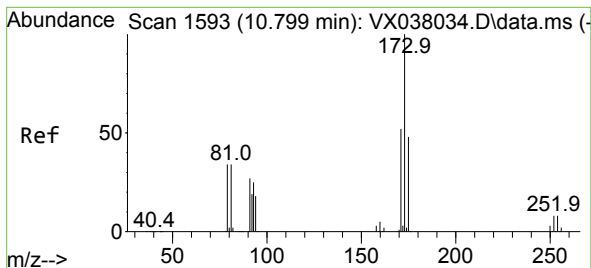
Tgt Ion:106 Resp: 59125  
Ion Ratio Lower Upper  
106 100  
91 225.4 108.9 326.8



#70  
Styrene  
Concen: 20.453 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion:104 Resp: 100511  
Ion Ratio Lower Upper  
104 100  
78 53.1 43.6 65.4  
103 55.4 43.6 65.4





#71

Bromoform

Concen: 20.734 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

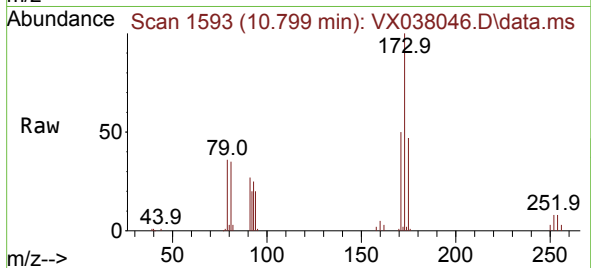
Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

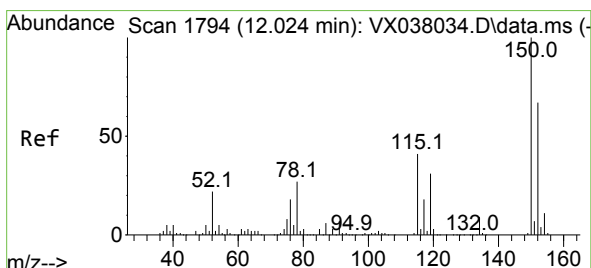
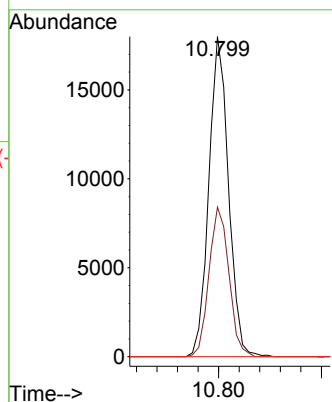
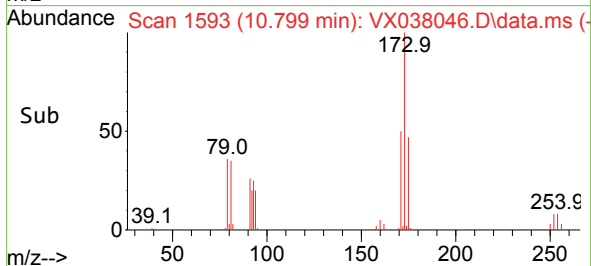
Instrument :

MSVOA\_X

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 23904 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.3  | 24.1  | 72.4  |
| 254       | 0.0   | 0.0   | 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

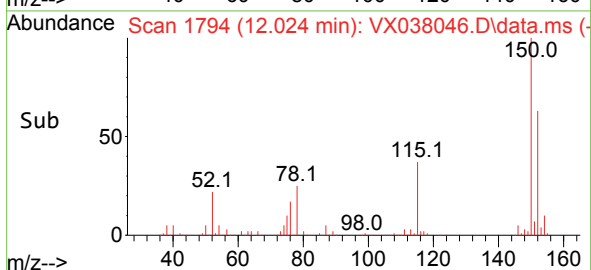
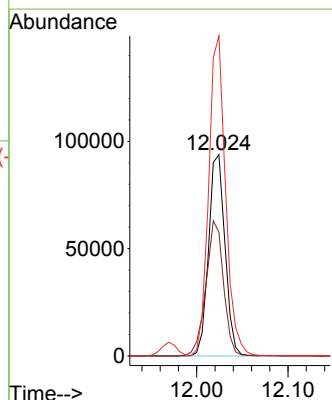
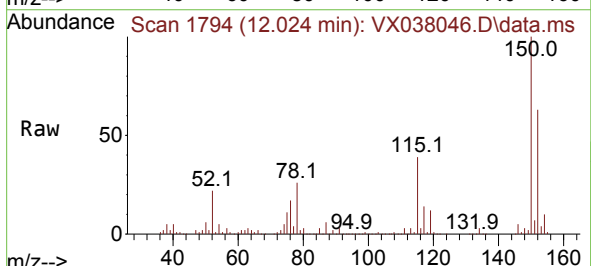
RT: 12.024 min Scan# 1794

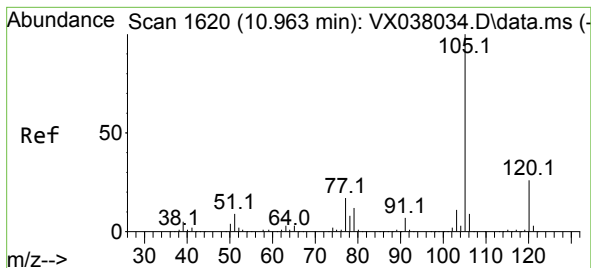
Delta R.T. 0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 116871 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 71.8  | 43.3  | 129.9  |
| 150       | 163.2 | 0.0   | 345.0  |





#73

Isopropylbenzene

Concen: 20.151 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

Instrument :

MSVOA\_X

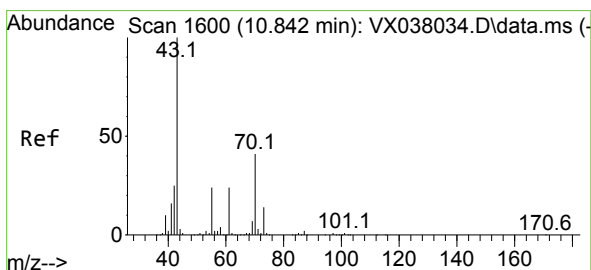
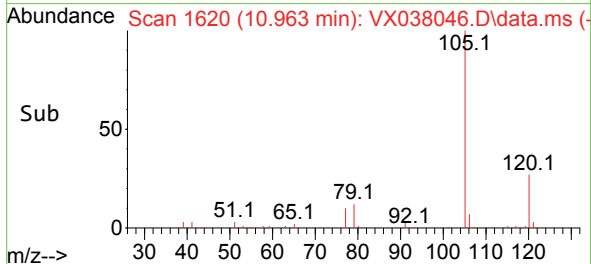
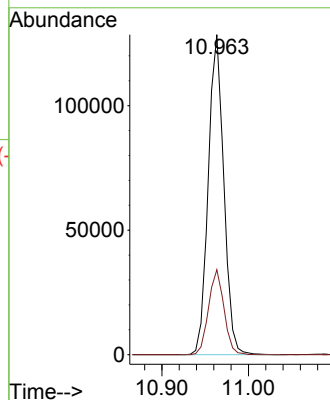
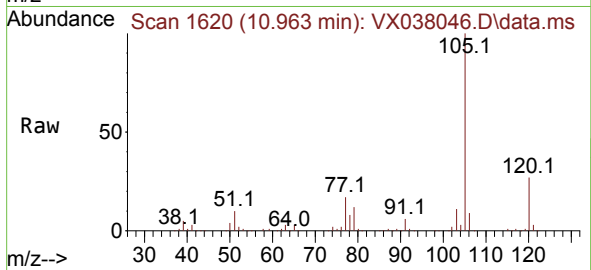
ClientSampleId :

Tgt Ion:105 Resp: 159828

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.6



#74

N-ethyl acetate

Concen: 20.683 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

Tgt Ion: 43 Resp: 73830

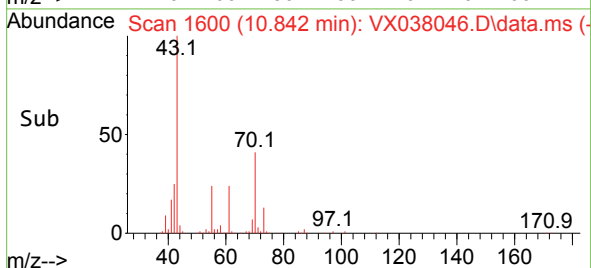
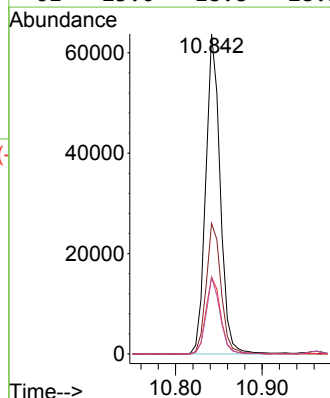
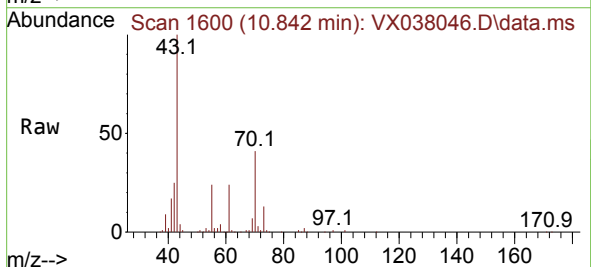
Ion Ratio Lower Upper

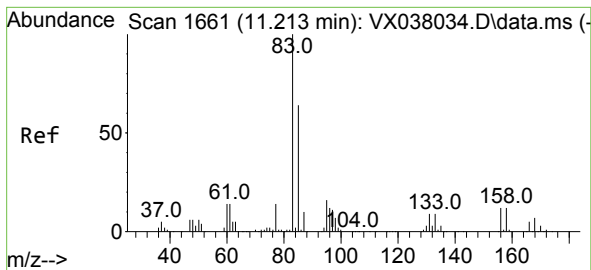
43 100

70 41.9 32.9 49.3

55 24.5 19.3 28.9

61 23.0 18.8 28.2

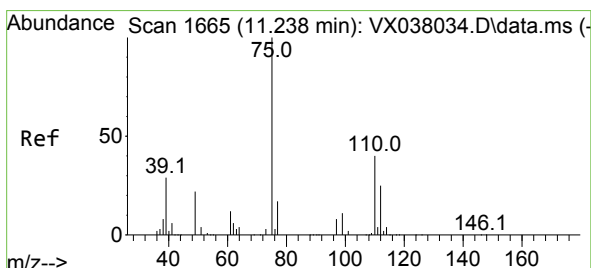
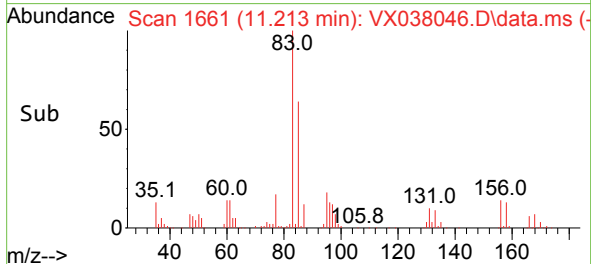
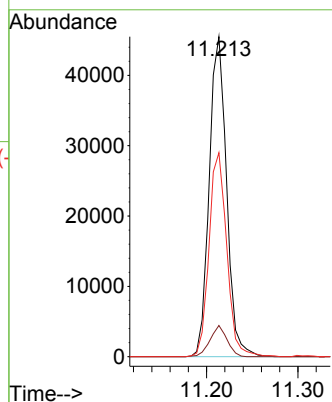
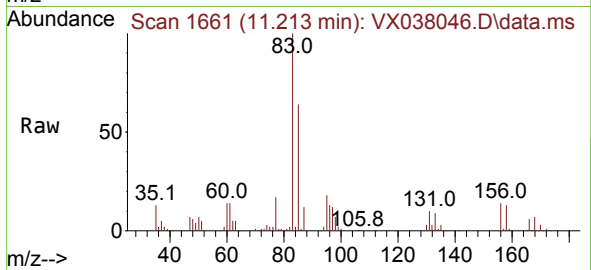




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.199 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

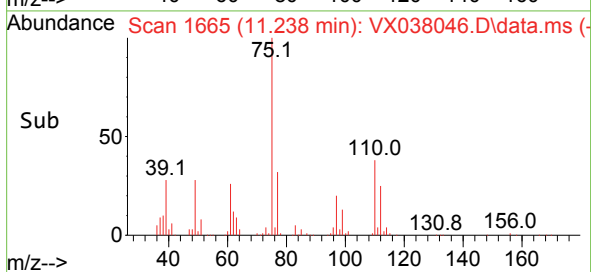
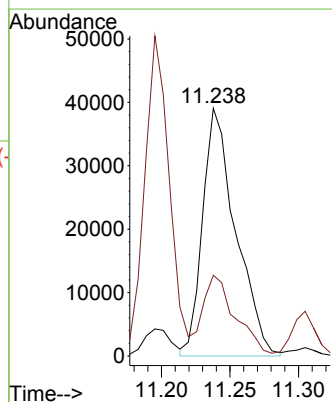
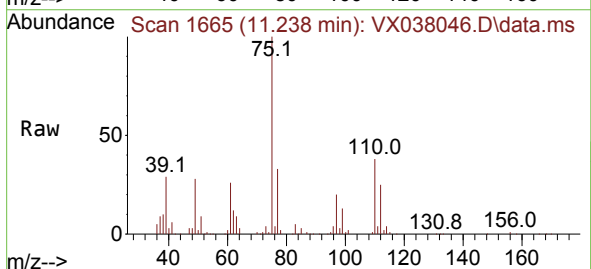
Instrument :  
MSVOA\_X  
ClientSampleId :

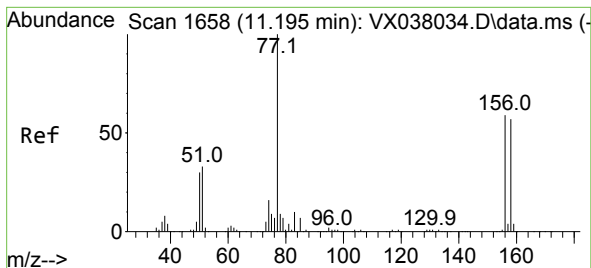
Tgt Ion: 83 Resp: 59967  
Ion Ratio Lower Upper  
83 100  
131 9.6 5.3 15.8  
85 65.2 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 24.296 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion: 75 Resp: 65777  
Ion Ratio Lower Upper  
75 100  
77 32.3 19.1 57.5





#77

Bromobenzene

Concen: 20.010 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

Instrument :

MSVOA\_X

ClientSampleId :

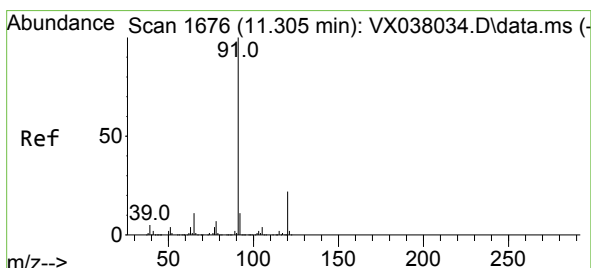
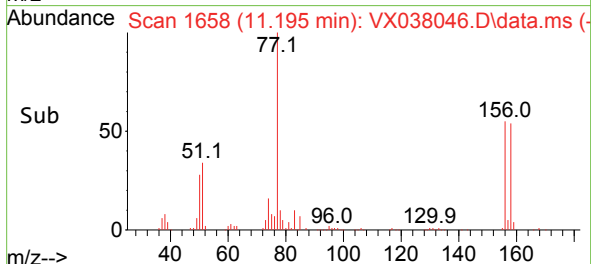
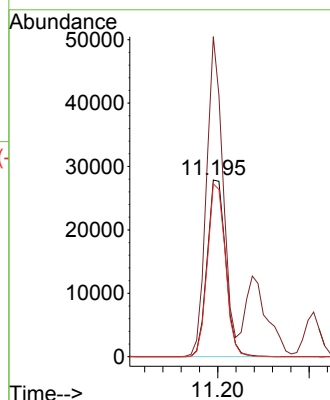
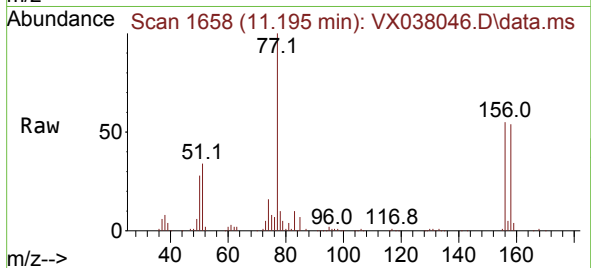
Tgt Ion:156 Resp: 38912

Ion Ratio Lower Upper

156 100

77 162.6 88.4 265.3

158 95.8 48.0 144.0



#78

n-propylbenzene

Concen: 20.190 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038046.D

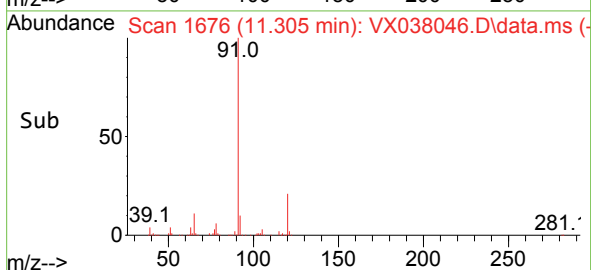
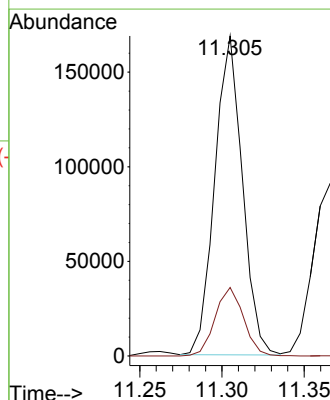
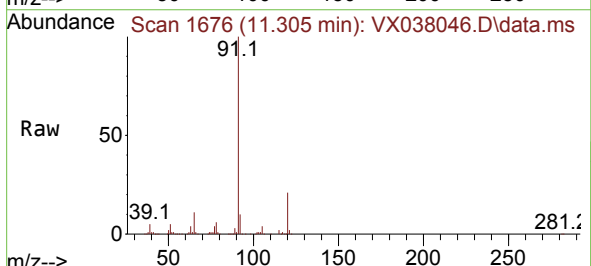
Acq: 03 Oct 2023 18:53

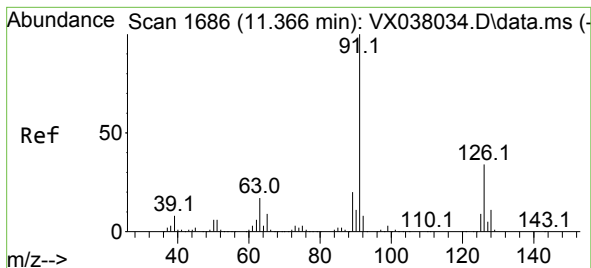
Tgt Ion: 91 Resp: 196775

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4

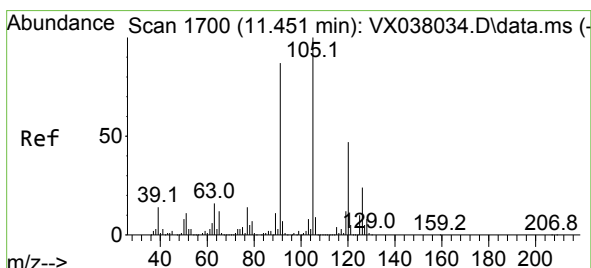
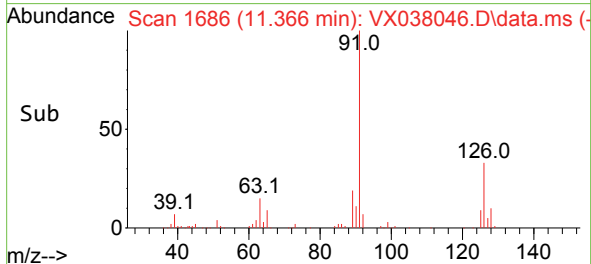
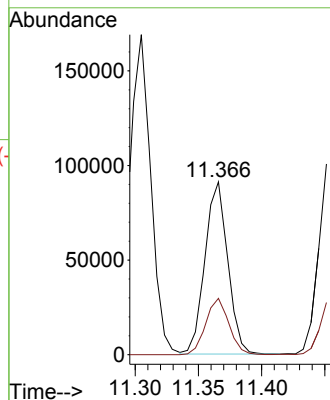
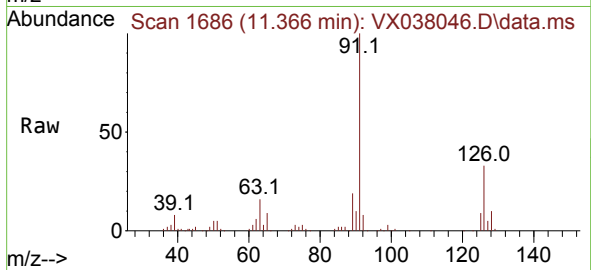




#79  
2-Chlorotoluene  
Concen: 20.178 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

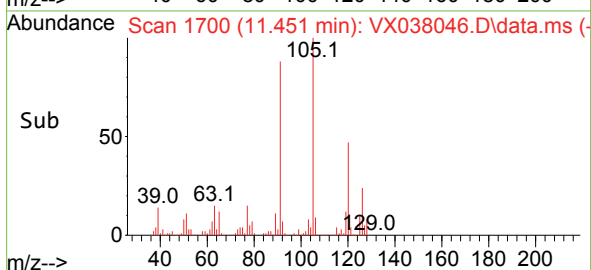
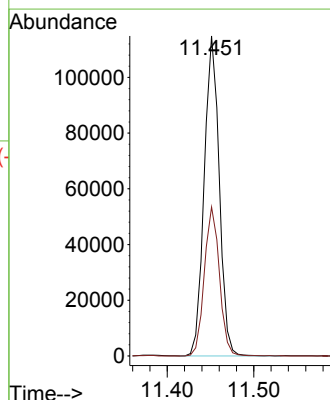
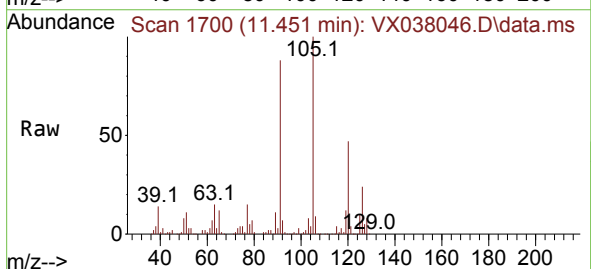
Instrument :  
MSVOA\_X  
ClientSampleId :

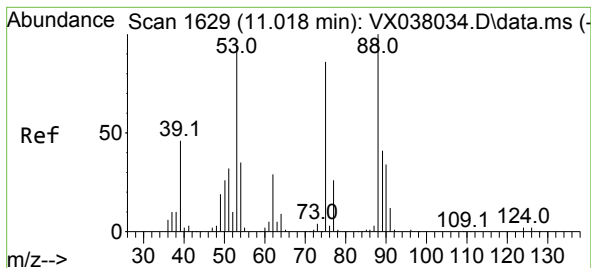
Tgt Ion: 91 Resp: 114189  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 20.524 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion: 105 Resp: 138550  
Ion Ratio Lower Upper  
105 100  
120 46.7 24.1 72.3

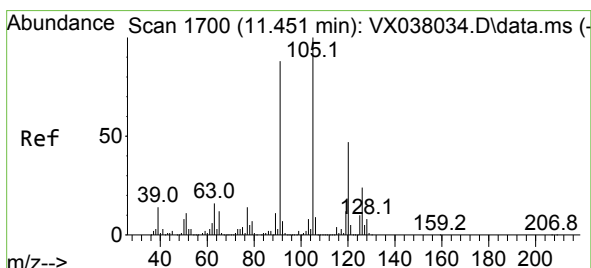
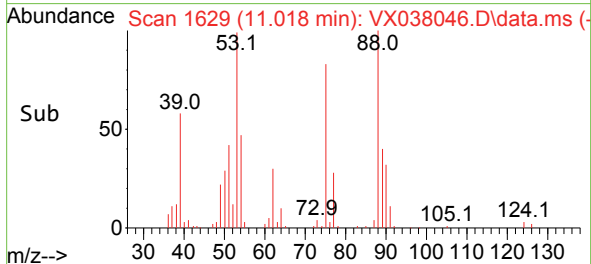
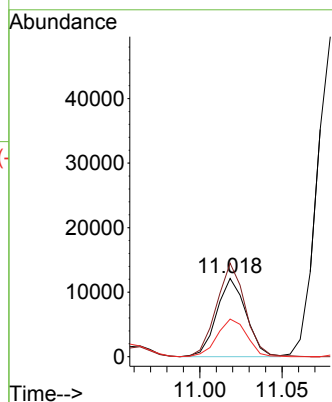
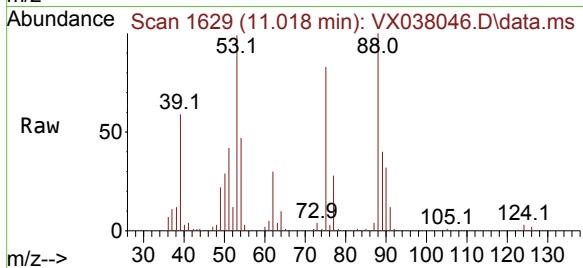




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.843 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

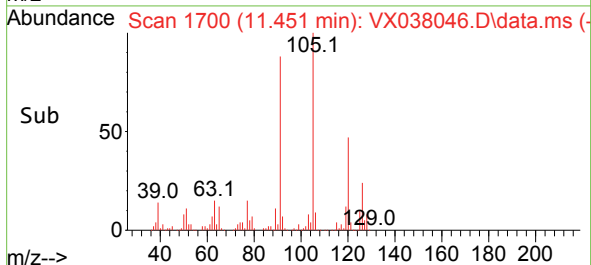
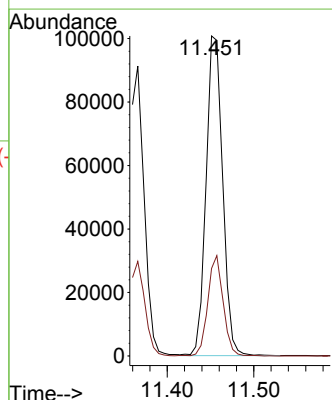
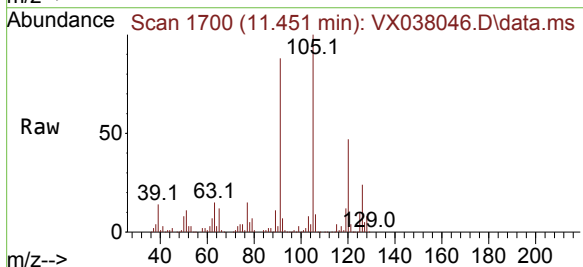
Instrument :  
MSVOA\_X  
ClientSampleId :

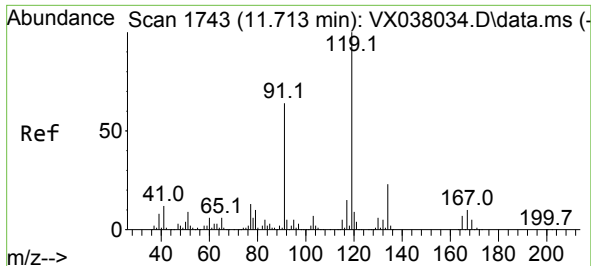
Tgt Ion: 75 Resp: 15105  
Ion Ratio Lower Upper  
75 100  
53 116.3 90.5 135.7  
89 48.4 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 19.679 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

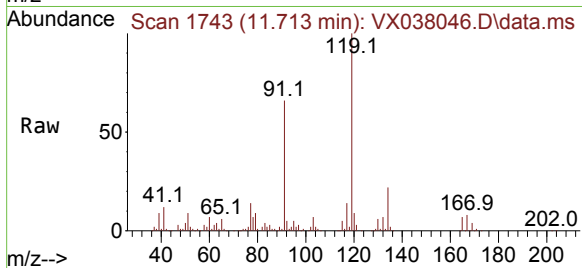
Tgt Ion: 91 Resp: 134224  
Ion Ratio Lower Upper  
91 100  
126 29.1 14.2 42.6



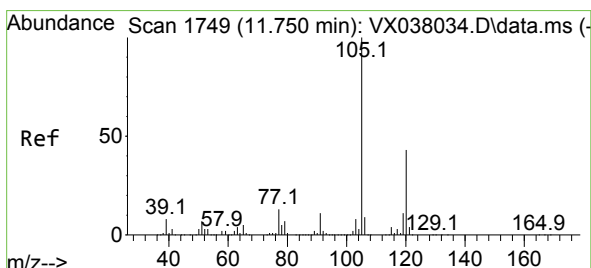
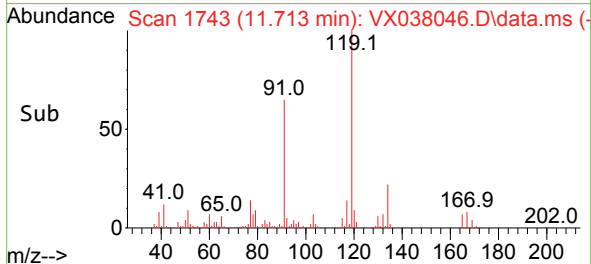
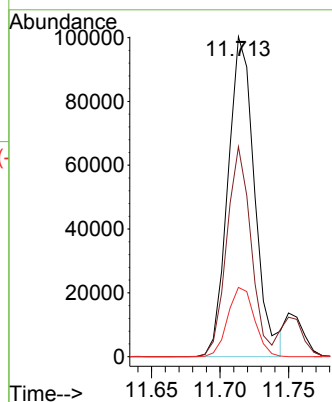


#83  
tert-Butylbenzene  
Concen: 20.286 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Instrument :  
MSVOA\_X  
ClientSampleId :

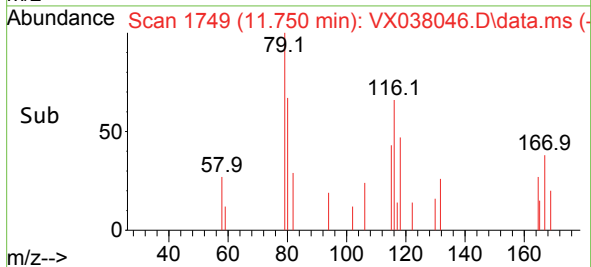
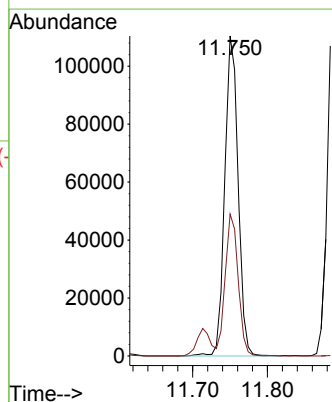
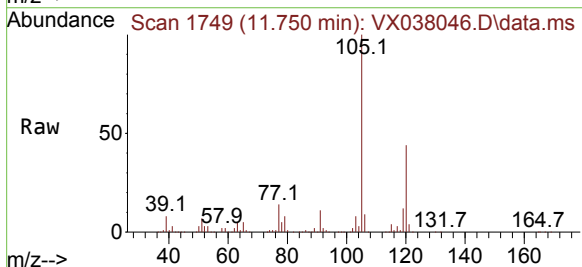


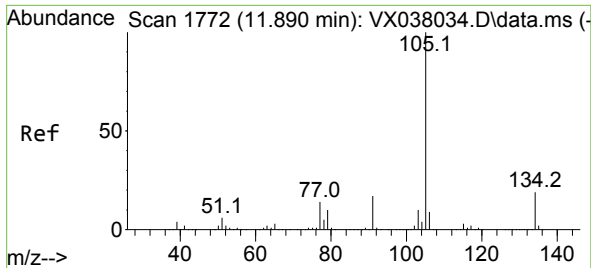
Tgt Ion:119 Resp: 136139  
Ion Ratio Lower Upper  
119 100  
91 60.0 31.2 93.6  
134 21.6 11.7 35.0



#84  
1,2,4-Trimethylbenzene  
Concen: 20.180 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

Tgt Ion:105 Resp: 137393  
Ion Ratio Lower Upper  
105 100  
120 42.9 21.2 63.6

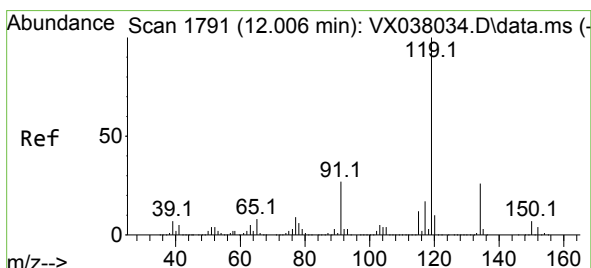
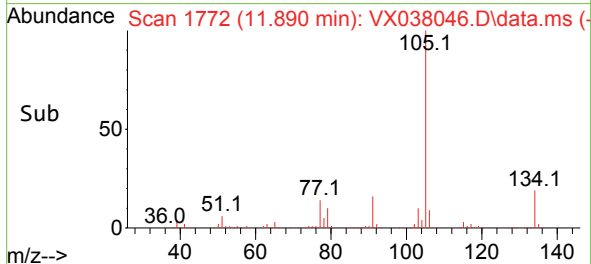
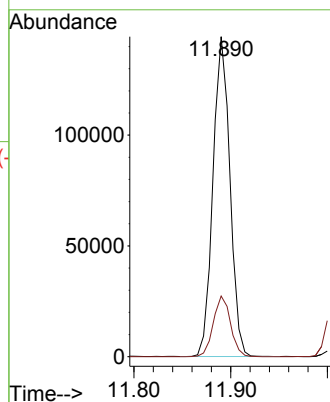
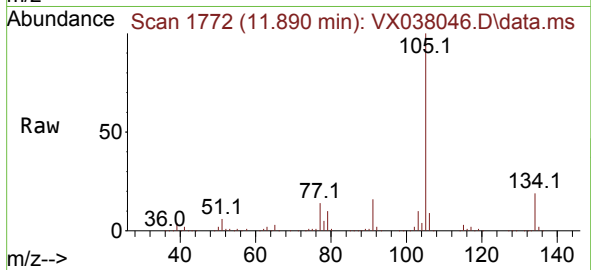




#85  
 sec-Butylbenzene  
 Concen: 20.113 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX038046.D  
 Acq: 03 Oct 2023 18:53

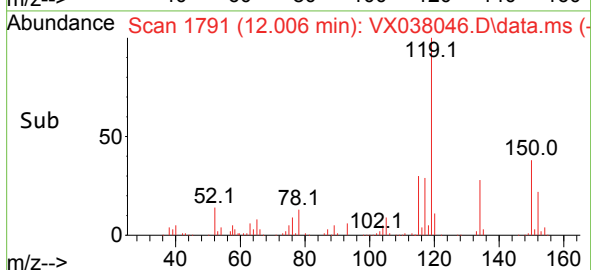
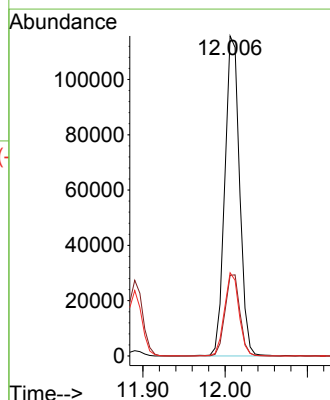
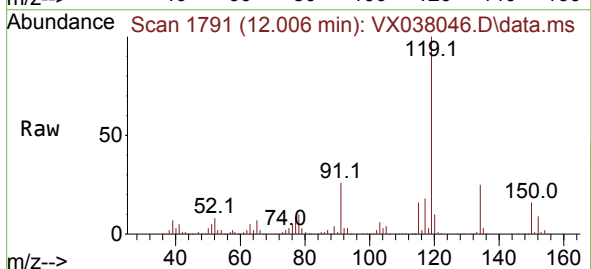
Instrument :  
 MSVOA\_X  
 ClientSampleId :

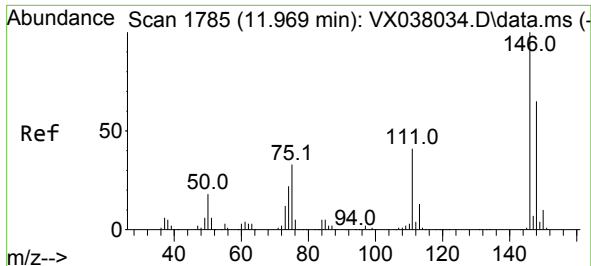
Tgt Ion:105 Resp: 175049  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 20.294 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX038046.D  
 Acq: 03 Oct 2023 18:53

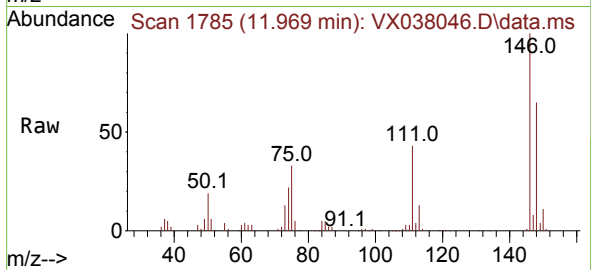
Tgt Ion:119 Resp: 144639  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 12.8 38.3  
 91 25.7 13.1 39.3



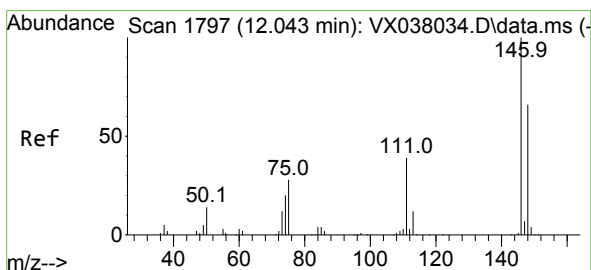
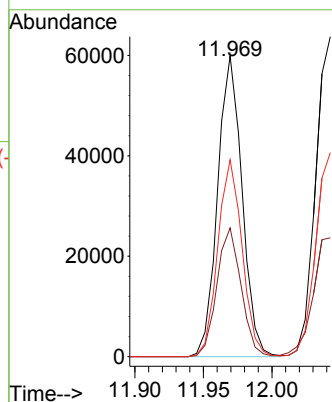
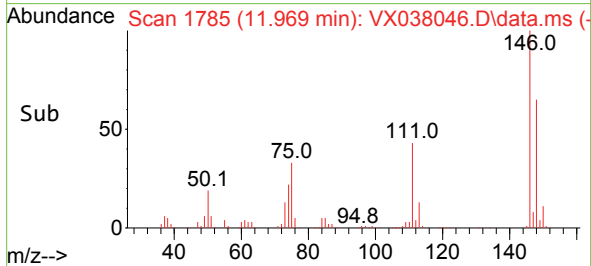


#87  
1,3-Dichlorobenzene  
Concen: 19.037 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

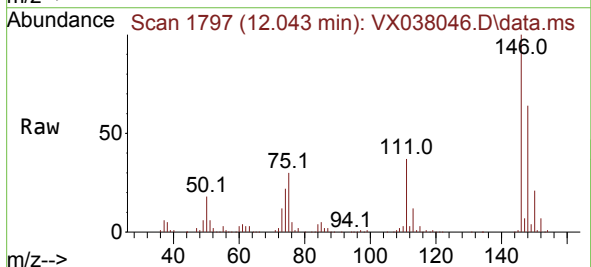
Instrument :  
MSVOA\_X  
ClientSampleId :



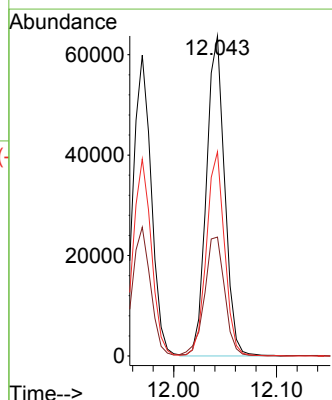
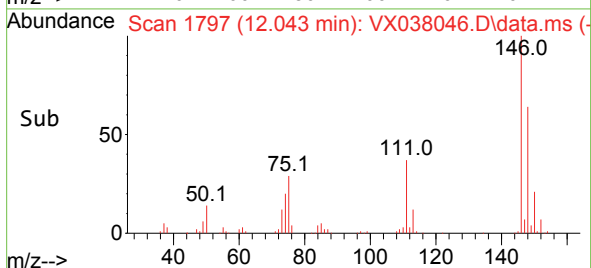
Tgt Ion:146 Resp: 74229  
Ion Ratio Lower Upper  
146 100  
111 42.4 22.1 66.1  
148 65.1 31.8 95.3

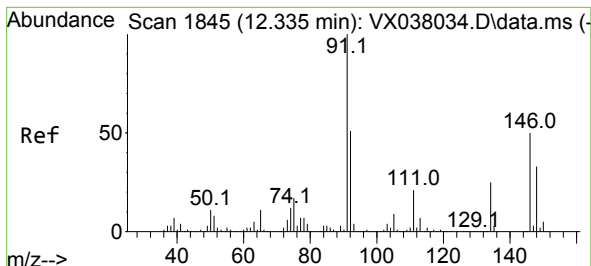


#88  
1,4-Dichlorobenzene  
Concen: 19.304 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53



Tgt Ion:146 Resp: 78565  
Ion Ratio Lower Upper  
146 100  
111 41.5 21.3 63.7  
148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 19.926 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

Instrument :

MSVOA\_X

ClientSampleId :

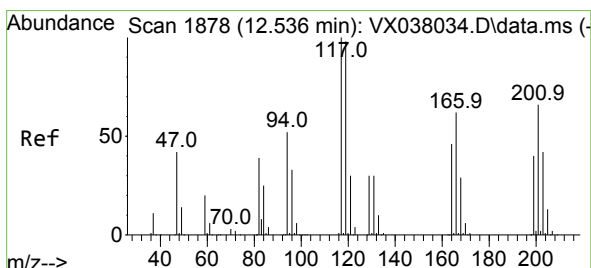
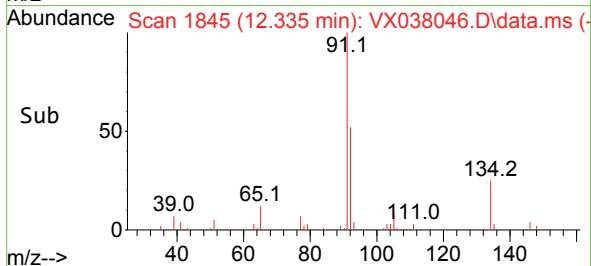
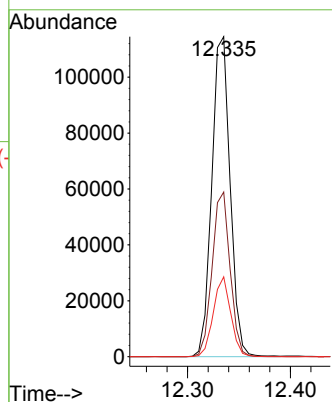
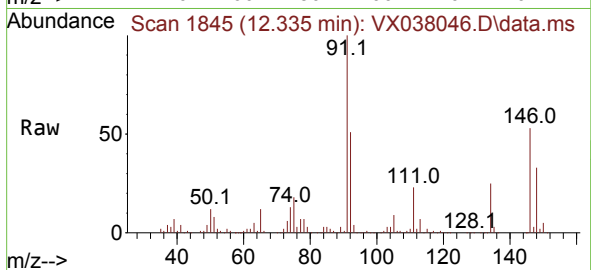
Tgt Ion: 91 Resp: 141743

Ion Ratio Lower Upper

91 100

92 50.5 27.4 82.0

134 23.7 12.6 37.8



#90

Hexachloroethane

Concen: 19.770 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038046.D

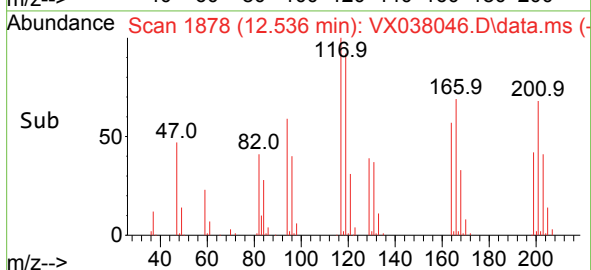
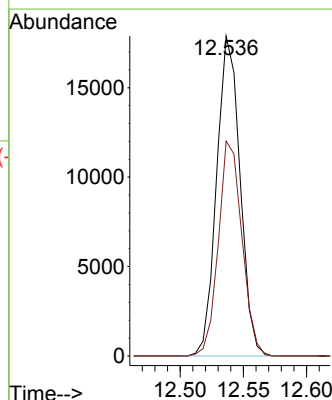
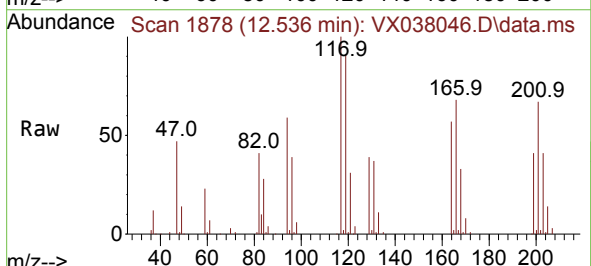
Acq: 03 Oct 2023 18:53

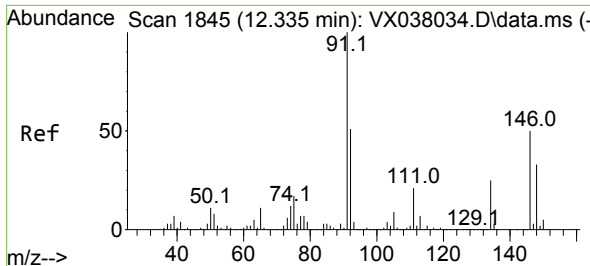
Tgt Ion: 117 Resp: 22965

Ion Ratio Lower Upper

117 100

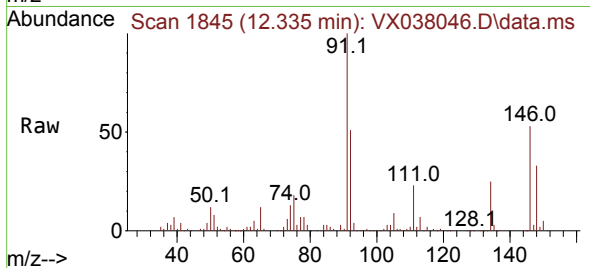
201 67.7 32.9 98.6



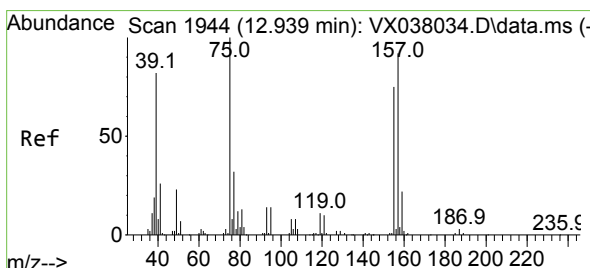
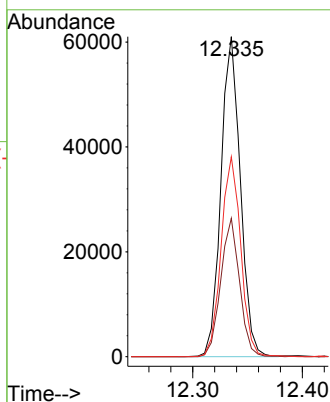
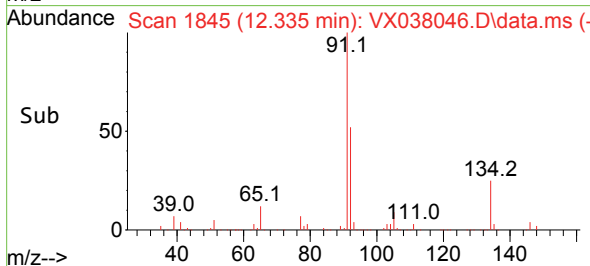


#91  
1,2-Dichlorobenzene  
Concen: 20.219 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

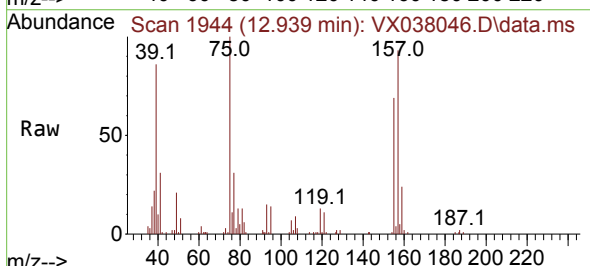
Instrument :  
MSVOA\_X  
ClientSampleId :



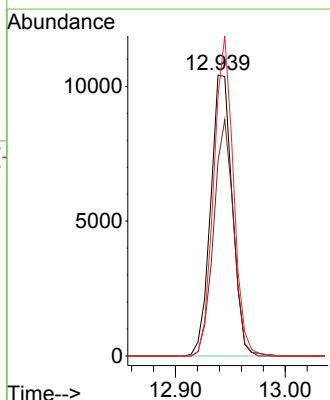
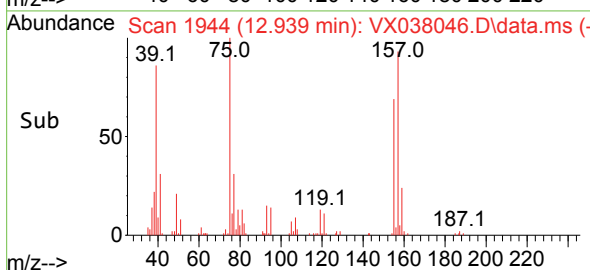
Tgt Ion:146 Resp: 75028  
Ion Ratio Lower Upper  
146 100  
111 42.0 22.4 67.0  
148 63.2 31.6 95.0

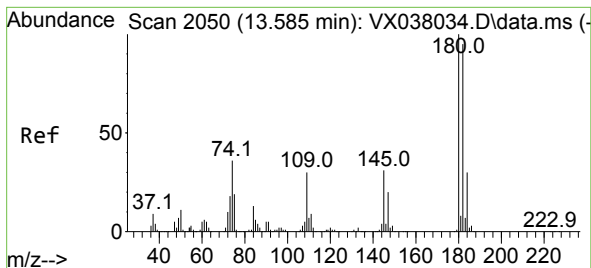


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 21.112 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53



Tgt Ion: 75 Resp: 14263  
Ion Ratio Lower Upper  
75 100  
155 77.2 36.1 108.5  
157 103.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.889 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038046.D

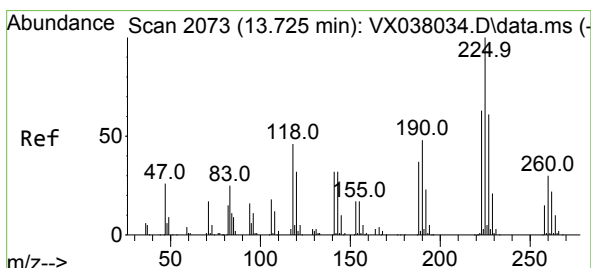
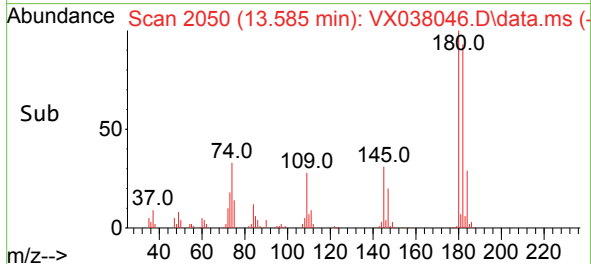
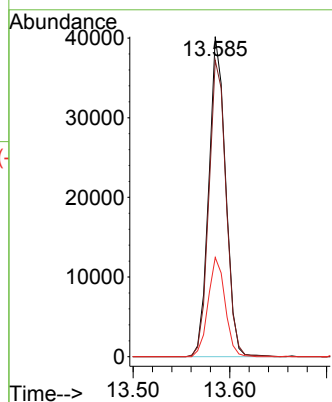
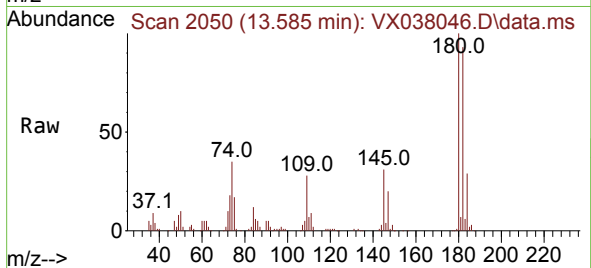
Acq: 03 Oct 2023 18:53

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:180 | Resp: | 48619 |       |
| Ion         | Ratio | Lower | Upper |
| 180         | 100   |       |       |
| 182         | 94.8  | 48.3  | 144.8 |
| 145         | 31.3  | 18.0  | 54.0  |



#94

Hexachlorobutadiene

Concen: 18.475 ug/l

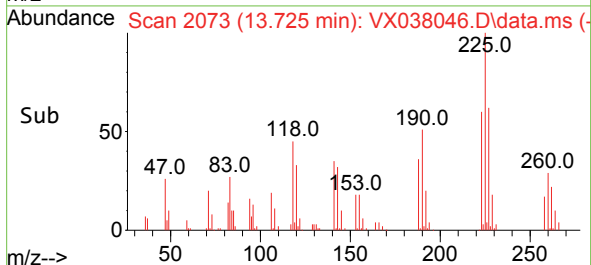
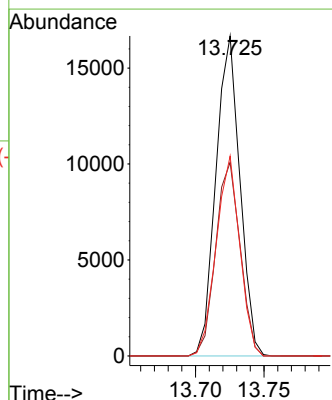
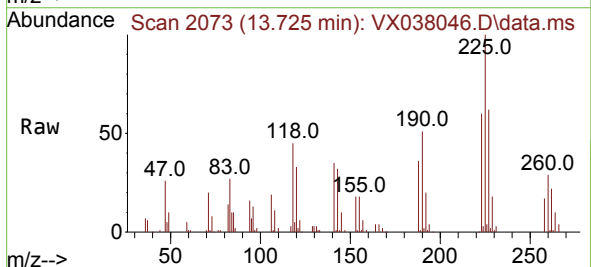
RT: 13.725 min Scan# 2073

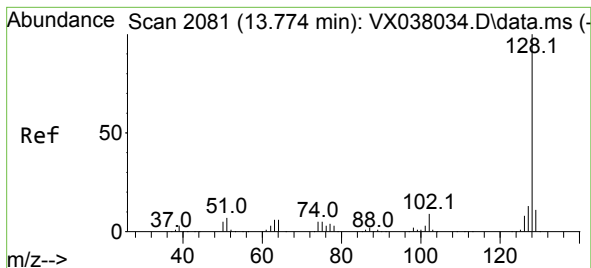
Delta R.T. 0.000 min

Lab File: VX038046.D

Acq: 03 Oct 2023 18:53

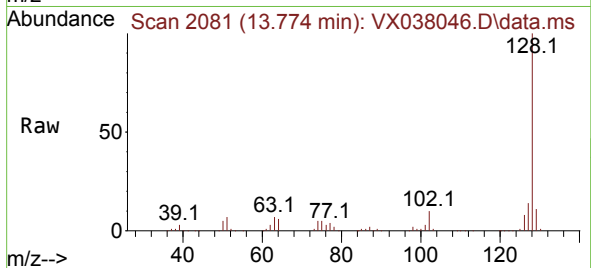
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:225 | Resp: | 20292 |       |
| Ion         | Ratio | Lower | Upper |
| 225         | 100   |       |       |
| 223         | 61.7  | 31.1  | 93.2  |
| 227         | 61.5  | 32.5  | 97.5  |



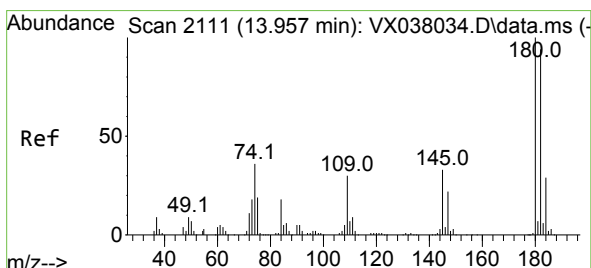
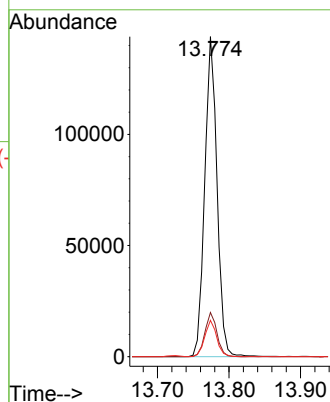
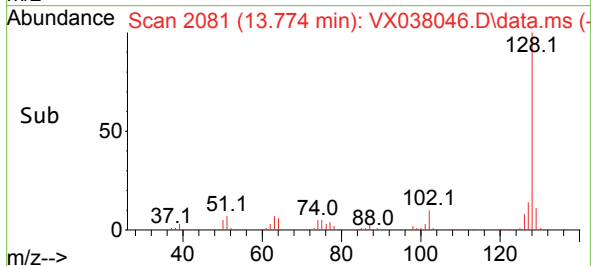


#95  
Naphthalene  
Concen: 19.820 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53

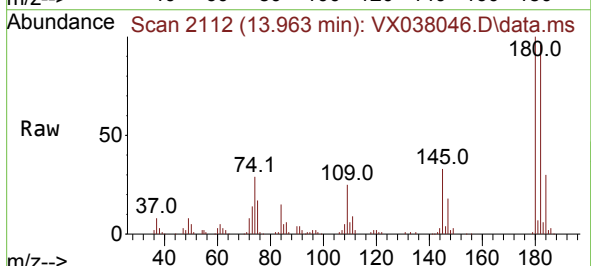
Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 171970  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.3 15.5  
129 11.1 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 19.065 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.006 min  
Lab File: VX038046.D  
Acq: 03 Oct 2023 18:53



Tgt Ion:180 Resp: 47457  
Ion Ratio Lower Upper  
180 100  
182 95.8 46.9 140.6  
145 33.6 17.8 53.5

