

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071023\  
 Data File : VX036477.D  
 Acq On : 10 Jul 2023 12:59  
 Operator : JC/MD  
 Sample : VX0710WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0710WBS01

Quant Time: Jul 11 01:26:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062323W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 23 15:03:28 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 185641   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 310206   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 279096   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 138316   | 50.000 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |          |
|---------------------------|--------|-------|----------|----------|------|----------|
| 33) 1,2-Dichloroethane-d4 | 5.952  | 65    | 122515   | 46.040   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 78 - 117 | Recovery | =    | 92.080%  |
| 35) Dibromofluoromethane  | 5.385  | 113   | 101145   | 49.450   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 75 - 124 | Recovery | =    | 98.900%  |
| 50) Toluene-d8            | 8.647  | 98    | 365534   | 47.847   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 92 - 112 | Recovery | =    | 95.700%  |
| 62) 4-Bromofluorobenzene  | 11.079 | 95    | 136829   | 50.848   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 83 - 123 | Recovery | =    | 101.700% |

## Target Compounds

|                              |       |     |        |         |      | Qvalue |
|------------------------------|-------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 34101  | 19.403  | ug/l | 97     |
| 3) Chloromethane             | 1.294 | 50  | 44564  | 14.617  | ug/l | 99     |
| 4) Vinyl Chloride            | 1.374 | 62  | 63136  | 18.942  | ug/l | 97     |
| 5) Bromomethane              | 1.611 | 94  | 47613  | 19.522  | ug/l | 100    |
| 6) Chloroethane              | 1.685 | 64  | 34439  | 14.074  | ug/l | 98     |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 86951  | 17.159  | ug/l | 99     |
| 8) Diethyl Ether             | 2.130 | 74  | 31810  | 16.261  | ug/l | 90     |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 41488  | 19.507  | ug/l | 96     |
| 10) Methyl Iodide            | 2.453 | 142 | 42979  | 16.678  | ug/l | 94     |
| 11) Tert butyl alcohol       | 2.971 | 59  | 48577  | 100.286 | ug/l | # 92   |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 39210  | 18.585  | ug/l | 90     |
| 13) Acrolein                 | 2.239 | 56  | 28375  | 42.654  | ug/l | 98     |
| 14) Allyl chloride           | 2.666 | 41  | 64274  | 18.746  | ug/l | 97     |
| 15) Acrylonitrile            | 3.062 | 53  | 113404 | 92.366  | ug/l | 99     |
| 16) Acetone                  | 2.380 | 43  | 110956 | 97.552  | ug/l | 96     |
| 17) Carbon Disulfide         | 2.514 | 76  | 88645  | 17.108  | ug/l | 99     |
| 18) Methyl Acetate           | 2.703 | 43  | 88854  | 18.997  | ug/l | 96     |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 133116 | 19.524  | ug/l | 99     |
| 20) Methylene Chloride       | 2.788 | 84  | 44687  | 18.247  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 39466  | 17.530  | ug/l | 95     |
| 22) Diisopropyl ether        | 3.757 | 45  | 134660 | 19.601  | ug/l | 88     |
| 23) Vinyl Acetate            | 3.721 | 43  | 485946 | 97.467  | ug/l | 97     |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 78009  | 19.267  | ug/l | 100    |
| 25) 2-Butanone               | 4.556 | 43  | 158371 | 96.909  | ug/l | 96     |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 64605  | 22.498  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 47864  | 18.957  | ug/l | 94     |
| 28) Bromochloromethane       | 4.897 | 49  | 39325  | 18.727  | ug/l | 92     |
| 29) Tetrahydrofuran          | 5.001 | 42  | 99472  | 95.605  | ug/l | 93     |
| 30) Chloroform               | 5.086 | 83  | 79517  | 19.499  | ug/l | 98     |
| 31) Cyclohexane              | 5.464 | 56  | 67070  | 19.668  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 68436  | 20.090  | ug/l | 98     |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 59023  | 19.358  | ug/l | 98     |
| 37) Ethyl Acetate            | 4.708 | 43  | 59121  | 19.025  | ug/l | 98     |
| 38) Carbon Tetrachloride     | 5.678 | 117 | 58555  | 21.027  | ug/l | 99     |
| 39) Methylcyclohexane        | 7.379 | 83  | 72120  | 19.749  | ug/l | 92     |
| 40) Benzene                  | 6.037 | 78  | 170705 | 20.042  | ug/l | 99     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071023\  
 Data File : VX036477.D  
 Acq On : 10 Jul 2023 12:59  
 Operator : JC/MD  
 Sample : VX0710WBS01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0710WBS01

Quant Time: Jul 11 01:26:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062323W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 23 15:03:28 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 32663    | 18.947  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 65163    | 20.115  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 101192   | 20.413  | ug/l   | 97       |
| 44) Trichloroethene           | 7.129  | 130  | 46364    | 19.571  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 43434    | 18.724  | ug/l   | 98       |
| 46) Dibromomethane            | 7.580  | 93   | 31622    | 19.366  | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.818  | 83   | 59111    | 20.019  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.690  | 41   | 48775    | 19.733  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 7.677  | 88   | 21672    | 395.508 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 319340   | 99.986  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 108002   | 20.009  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 64117    | 21.496  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 69884    | 20.726  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 45132    | 20.119  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 69043    | 20.577  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 76427    | 19.879  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 187773   | 99.579  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 243996   | 104.615 | ug/l   | 96       |
| 60) Dibromochloromethane      | 9.519  | 129  | 44221    | 20.289  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 46632    | 19.588  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 41753    | 21.187  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 117377   | 20.006  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 42751    | 21.558  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 207661   | 19.909  | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.299 | 106  | 161004   | 39.731  | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 79209    | 20.241  | ug/l   | 97       |
| 70) Styrene                   | 10.652 | 104  | 128352   | 20.032  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 30734    | 21.607  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 209530   | 20.101  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.841 | 43   | 88247    | 21.404  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 69632    | 19.727  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 74529    | 25.261  | ug/l   | 89       |
| 77) Bromobenzene              | 11.195 | 156  | 50063    | 19.532  | ug/l   | 92       |
| 78) n-propylbenzene           | 11.305 | 91   | 243095   | 19.969  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 142053   | 19.616  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 174942   | 19.818  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 18819    | 20.793  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 164240   | 19.481  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 170671   | 20.174  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 175911   | 20.142  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 217470   | 20.291  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 181763   | 20.208  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 93191    | 19.776  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 95255    | 19.851  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.329 | 91   | 162142   | 20.256  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 27562    | 20.232  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 93910    | 20.239  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 13955    | 20.814  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 58854    | 20.592  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 24561    | 20.983  | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 198086   | 20.979  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 60949    | 21.862  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071023\  
Data File : VX036477.D  
Acq On : 10 Jul 2023 12:59  
Operator : JC/MD  
Sample : VX0710WBS01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 5 Sample Multiplier: 1

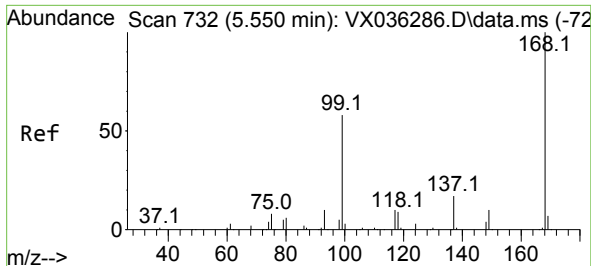
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MSVOA\_X  
ClientSampleId :  
VX0710WBS01

Quant Time: Jul 11 01:26:32 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062323W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 23 15:03:28 2023  
Response via : Initial Calibration

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

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

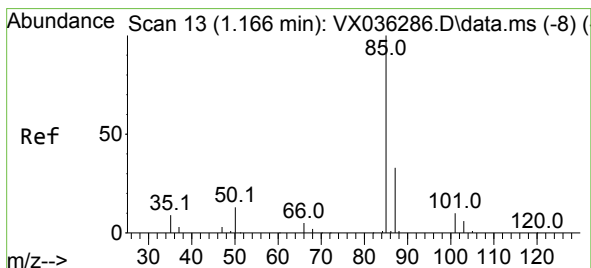
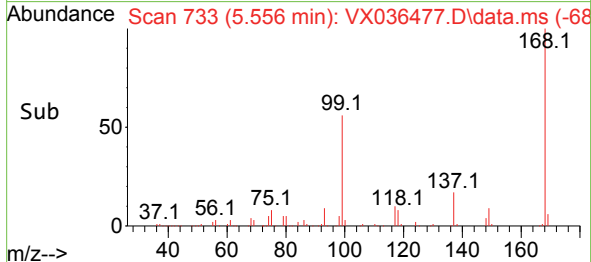
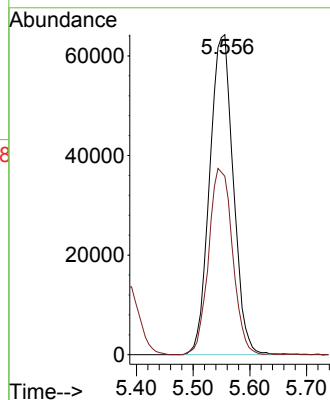
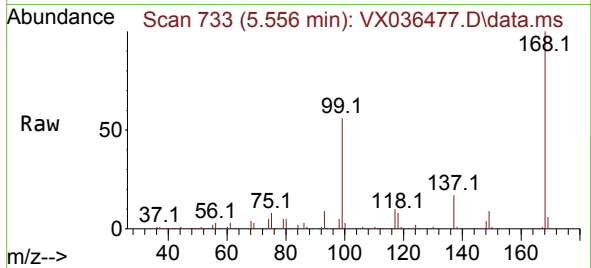




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

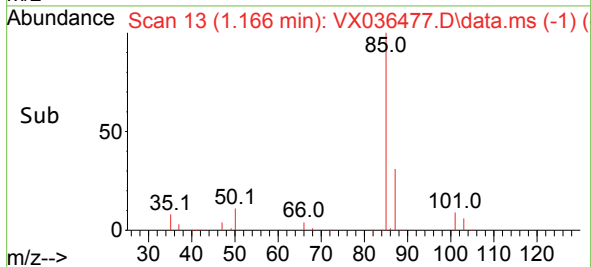
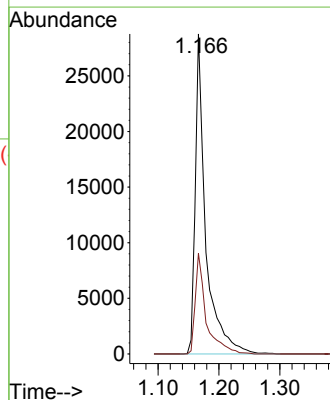
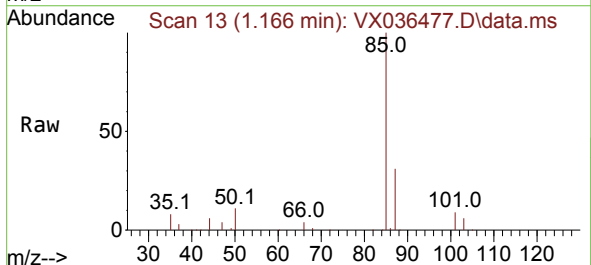
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MSVOA\_X  
ClientSampleId :  
VX0710WBS01

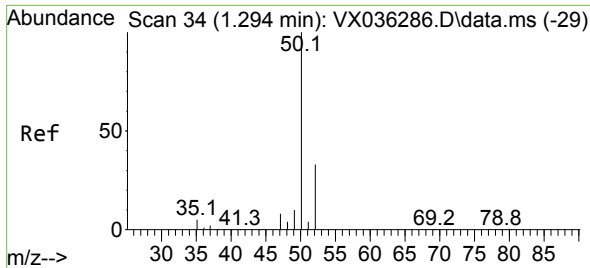
Tgt Ion:168 Resp: 185641  
Ion Ratio Lower Upper  
168 100  
99 55.8 56.6 85.0#



#2  
Dichlorodifluoromethane  
Concen: 19.403 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 85 Resp: 34101  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.7 50.1

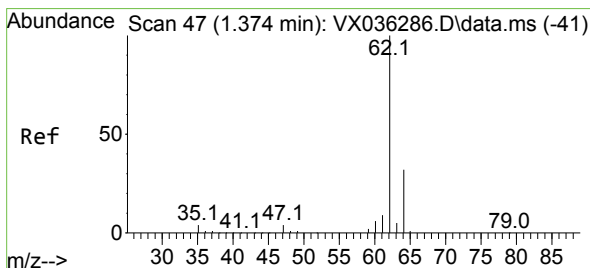
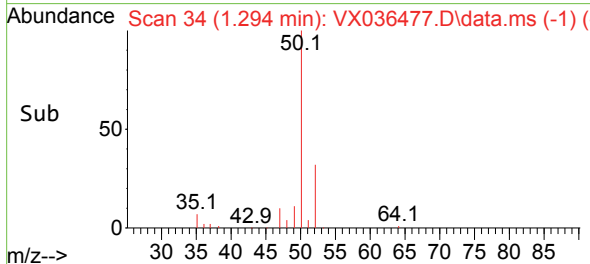
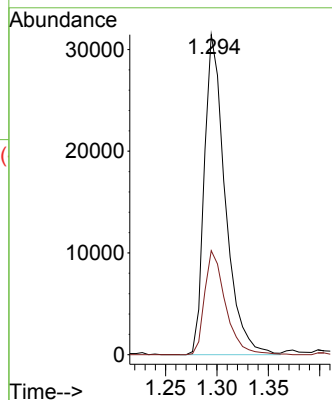
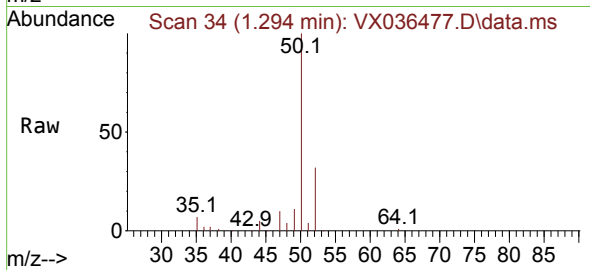




#3  
Chloromethane  
Concen: 14.617 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

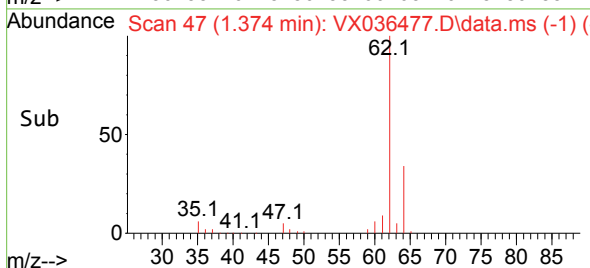
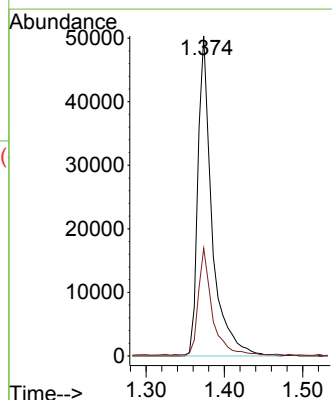
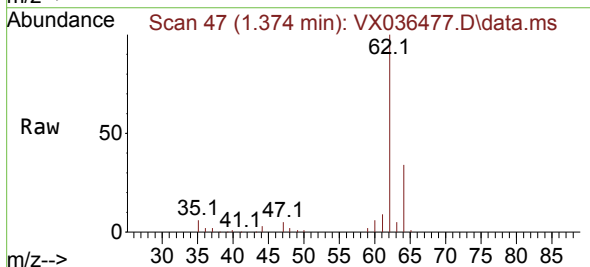
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

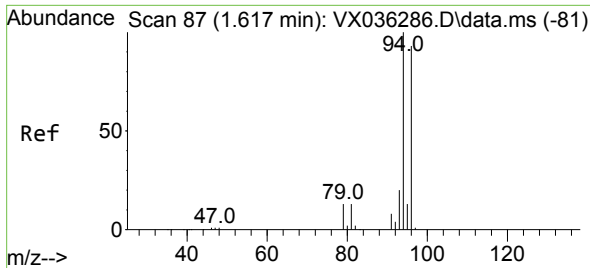
Tgt Ion: 50 Resp: 44564  
Ion Ratio Lower Upper  
50 100  
52 32.5 25.5 38.3



#4  
Vinyl Chloride  
Concen: 18.942 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.001 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 62 Resp: 63136  
Ion Ratio Lower Upper  
62 100  
64 33.3 25.4 38.0

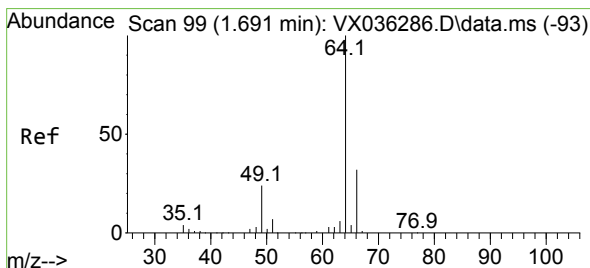
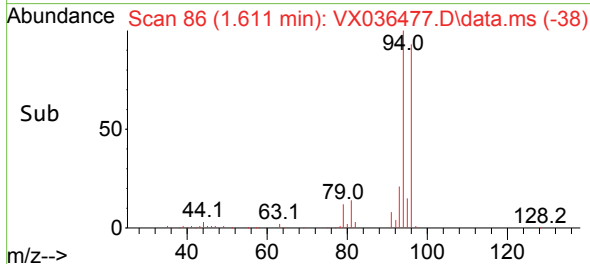
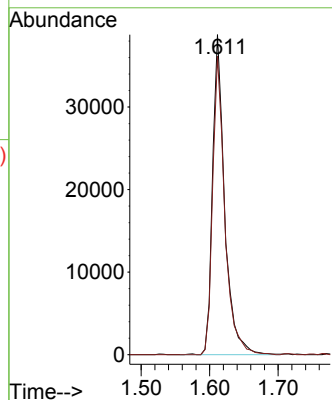
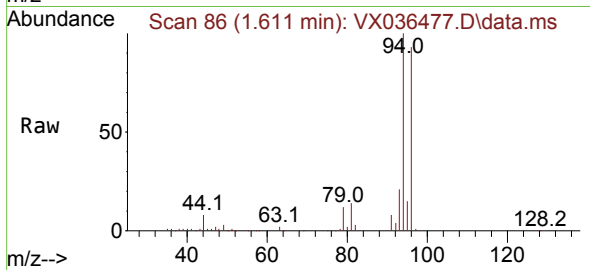




#5  
Bromomethane  
Concen: 19.522 ug/l  
RT: 1.611 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

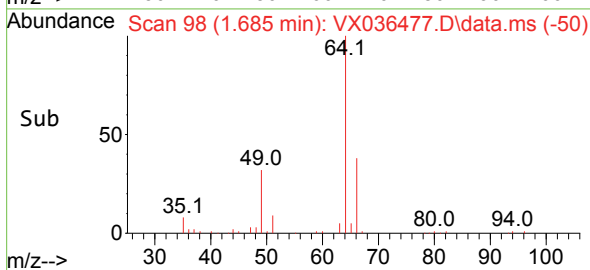
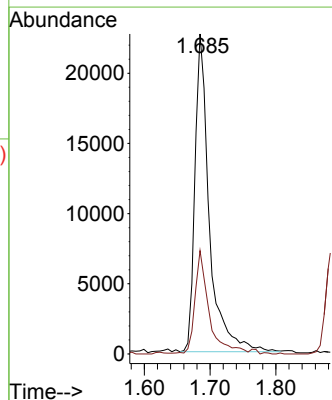
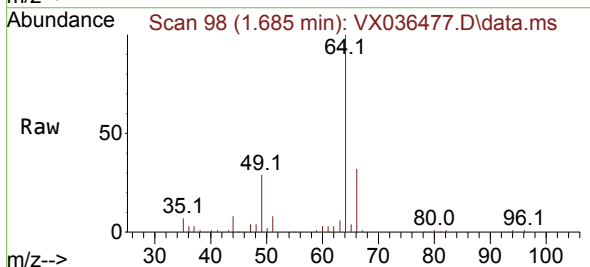
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

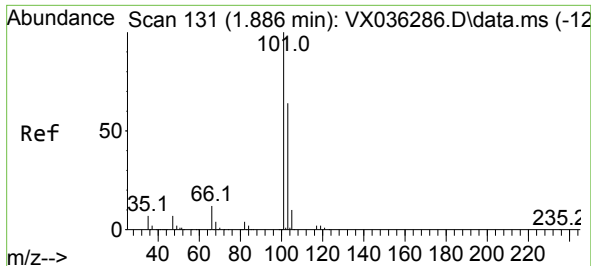
Tgt Ion: 94 Resp: 47613  
Ion Ratio Lower Upper  
94 100  
96 93.2 74.6 111.8



#6  
Chloroethane  
Concen: 14.074 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.005 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 64 Resp: 34439  
Ion Ratio Lower Upper  
64 100  
66 32.2 25.1 37.7

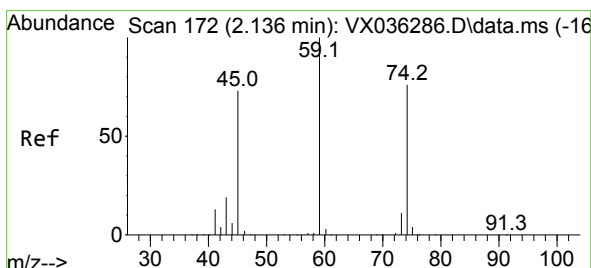
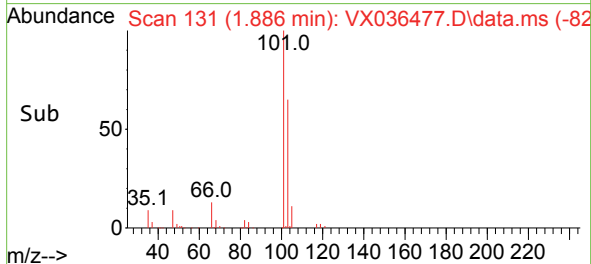
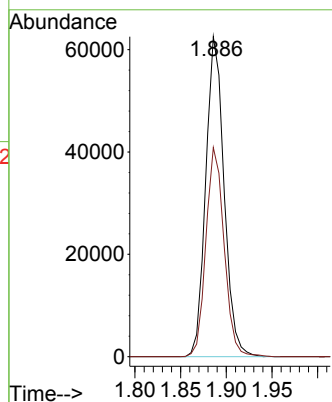
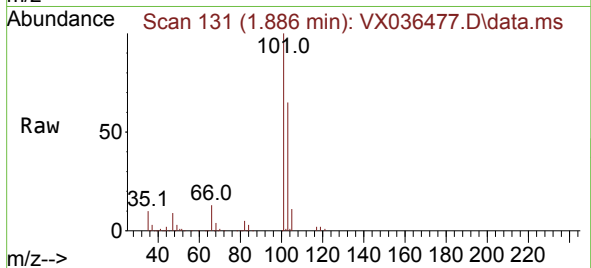




#7  
Trichlorofluoromethane  
Concen: 17.159 ug/l  
RT: 1.886 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

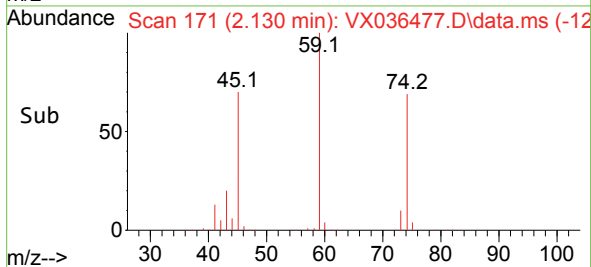
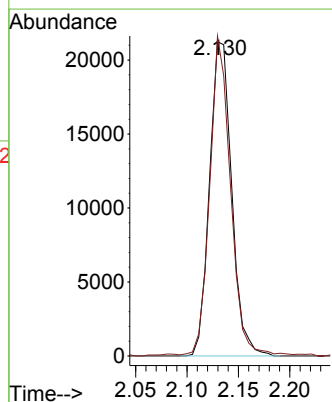
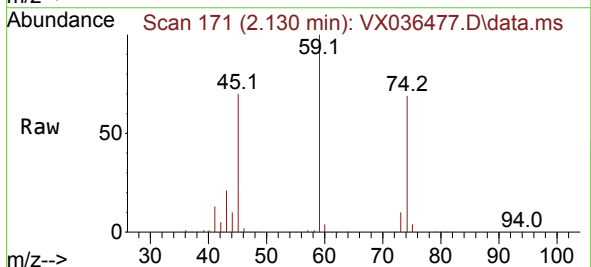
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

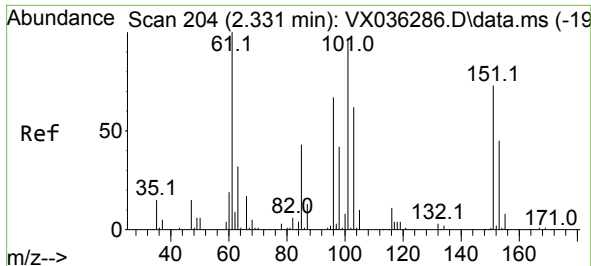
Tgt Ion:101 Resp: 86951  
Ion Ratio Lower Upper  
101 100  
103 65.3 51.4 77.2



#8  
Diethyl Ether  
Concen: 16.261 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.005 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 74 Resp: 31810  
Ion Ratio Lower Upper  
74 100  
45 96.1 53.3 159.8

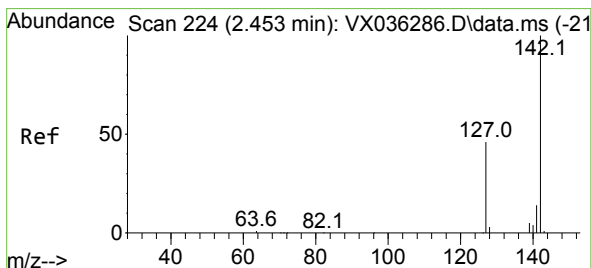
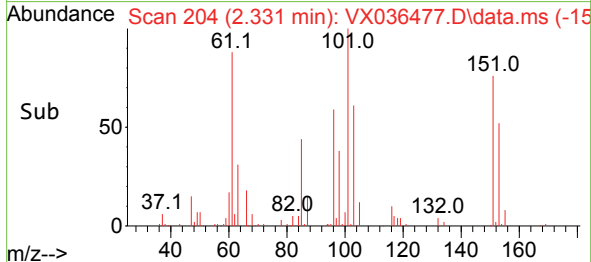
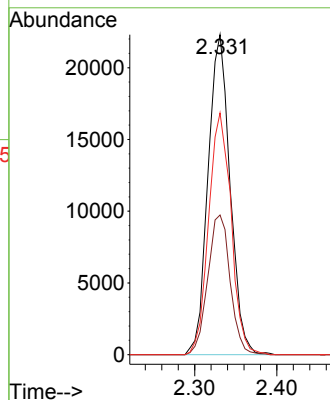
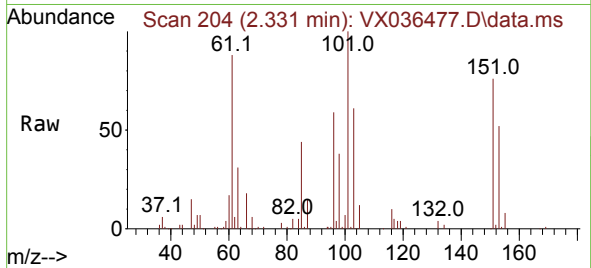




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.507 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

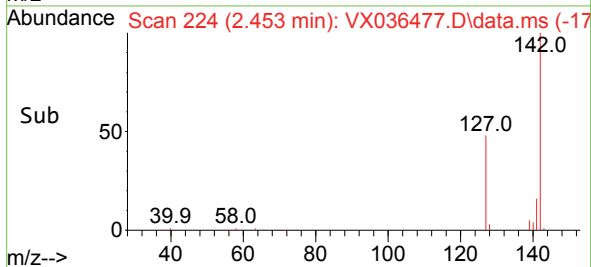
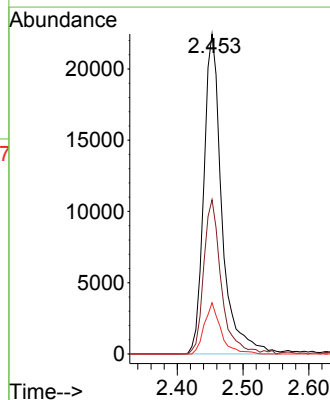
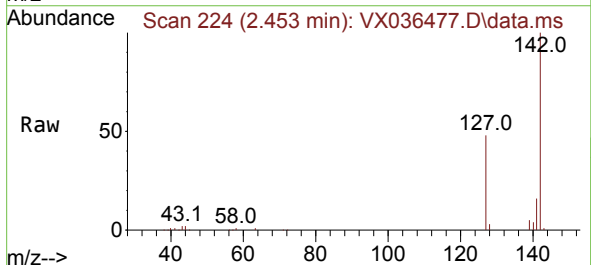
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

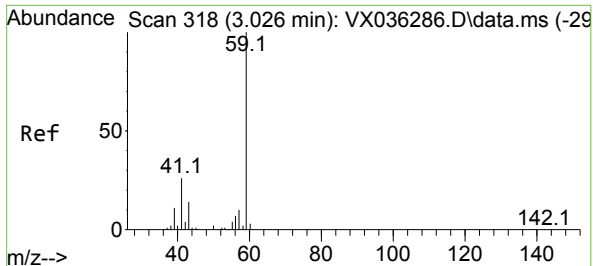
Tgt Ion:101 Resp: 41488  
Ion Ratio Lower Upper  
101 100  
85 44.4 37.0 55.6  
151 77.1 58.6 87.8



#10  
Methyl Iodide  
Concen: 16.678 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.001 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion:142 Resp: 42979  
Ion Ratio Lower Upper  
142 100  
127 47.0 41.6 62.4  
141 14.6 11.6 17.4

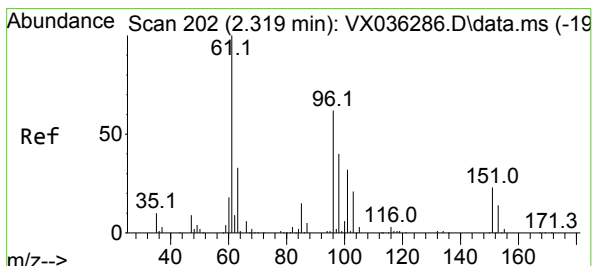
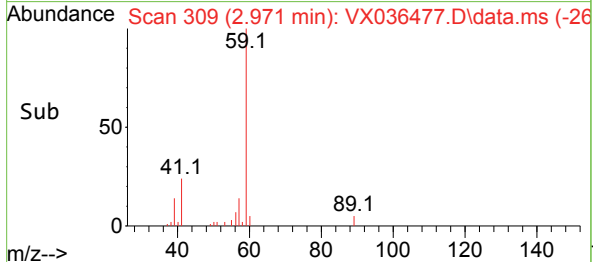
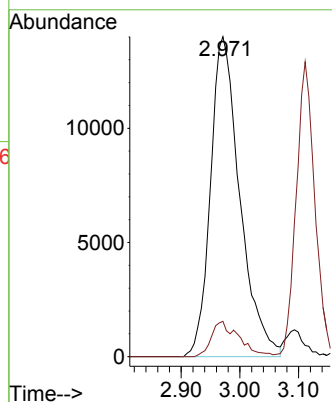
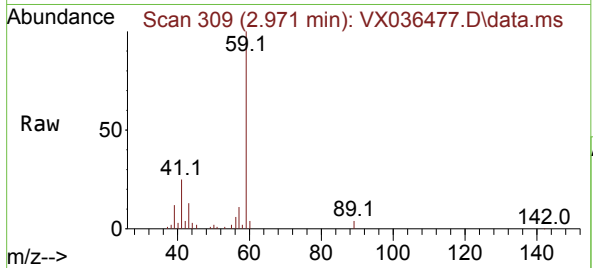




#11  
Tert butyl alcohol  
Concen: 100.286 ug/l  
RT: 2.971 min Scan# 309  
Delta R.T. -0.042 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

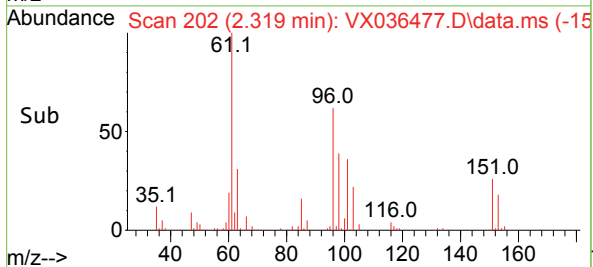
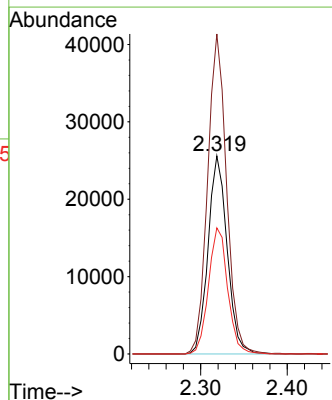
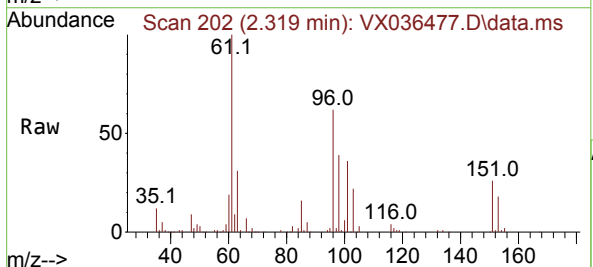
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

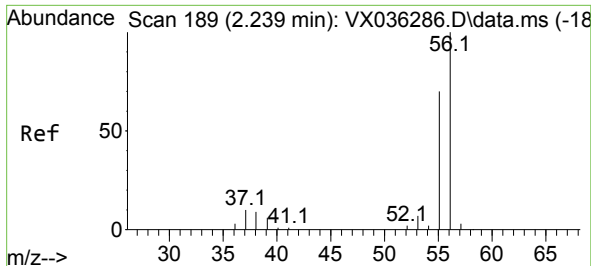
Tgt Ion: 59 Resp: 48577  
Ion Ratio Lower Upper  
59 100  
57 10.4 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 18.585 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.001 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 96 Resp: 39210  
Ion Ratio Lower Upper  
96 100  
61 161.6 144.6 216.8  
98 63.7 50.4 75.6





#13

Acrolein

Concen: 42.654 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

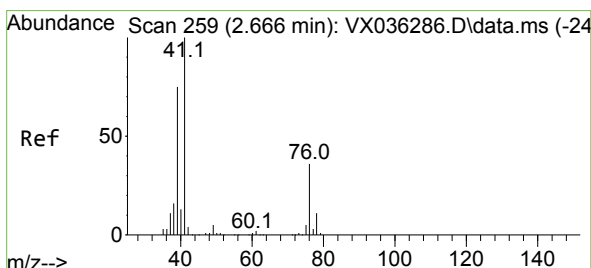
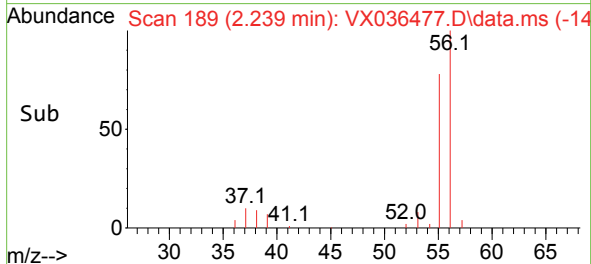
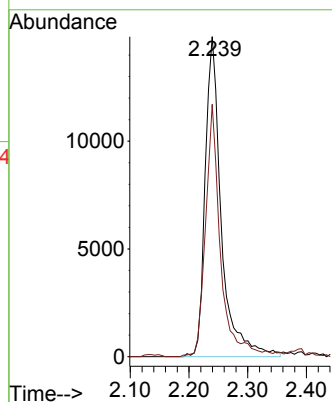
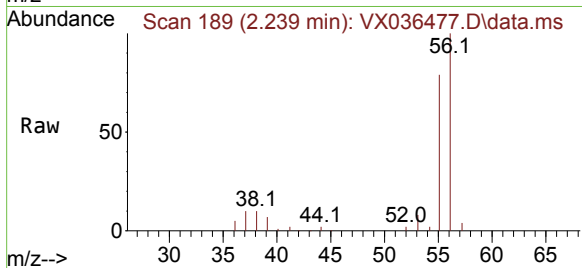
VX0710WBS01

Tgt Ion: 56 Resp: 28375

Ion Ratio Lower Upper

56 100

55 73.0 57.1 85.7



#14

Allyl chloride

Concen: 18.746 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

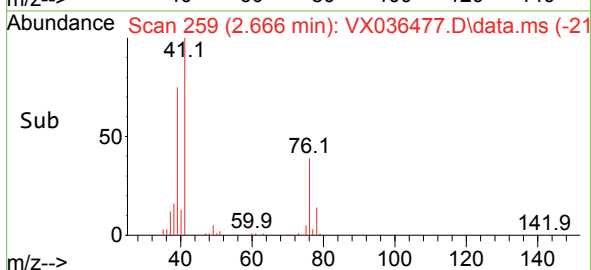
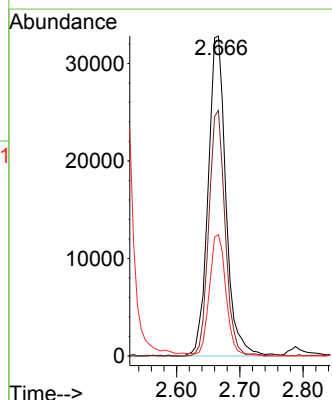
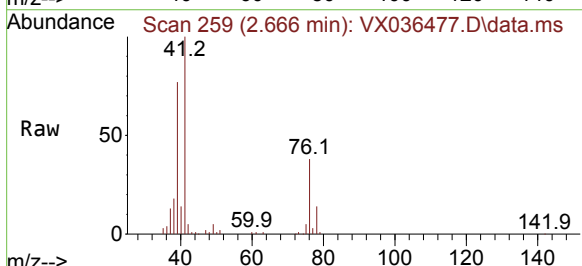
Tgt Ion: 41 Resp: 64274

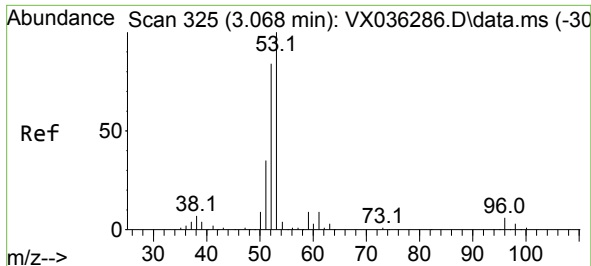
Ion Ratio Lower Upper

41 100

39 69.7 55.8 83.6

76 35.2 24.3 36.5

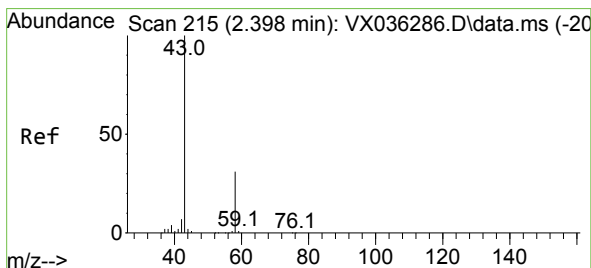
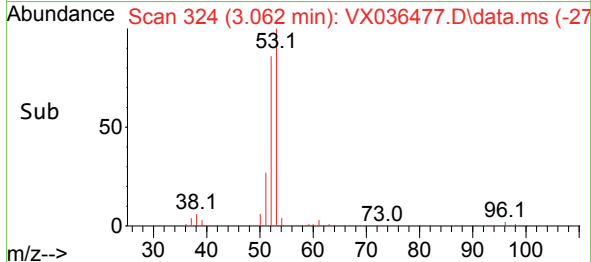
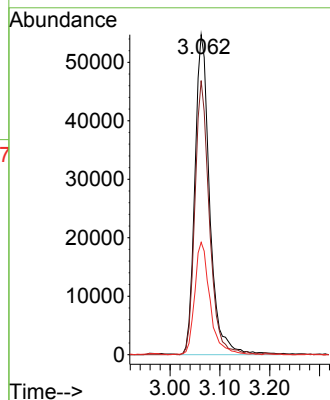
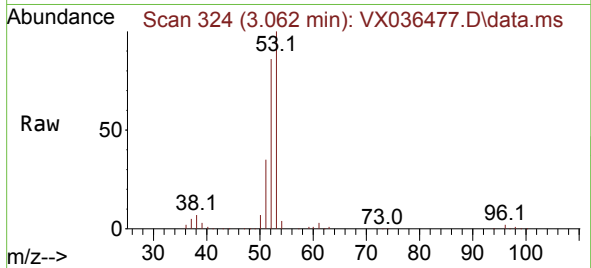




#15  
Acrylonitrile  
Concen: 92.366 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

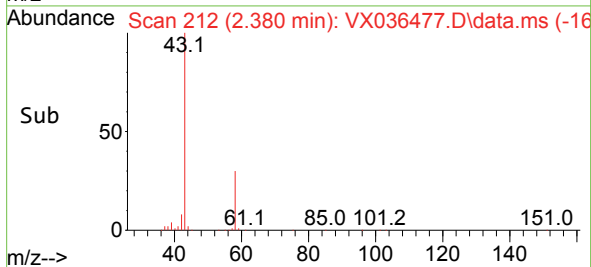
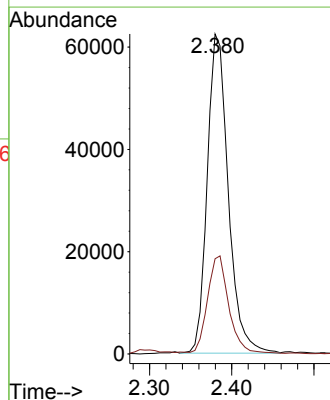
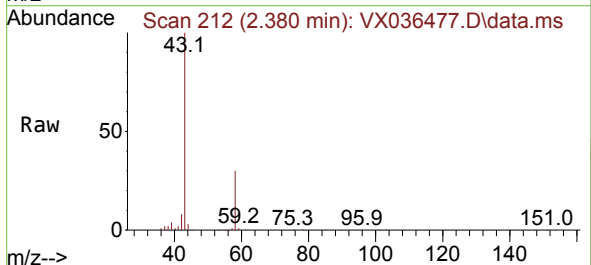
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

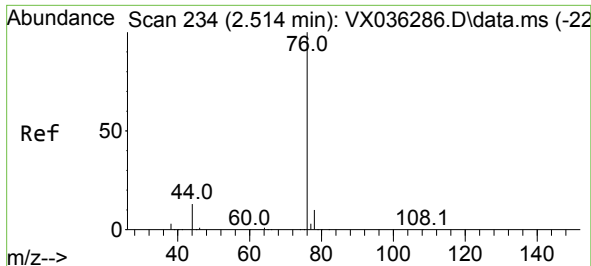
Tgt Ion: 53 Resp: 113404  
Ion Ratio Lower Upper  
53 100  
52 83.6 66.0 99.0  
51 36.3 29.8 44.6



#16  
Acetone  
Concen: 97.552 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.024 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 43 Resp: 110956  
Ion Ratio Lower Upper  
43 100  
58 29.6 21.9 32.9

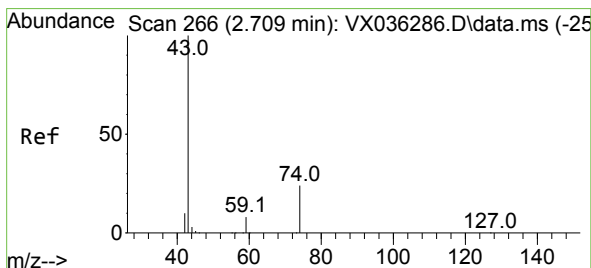
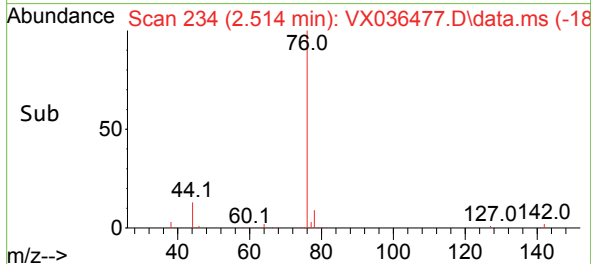
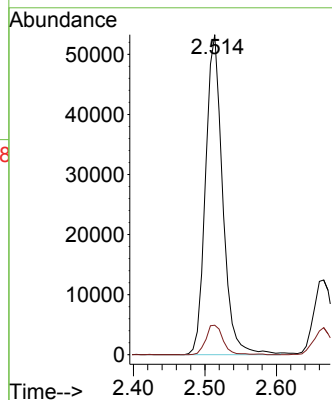
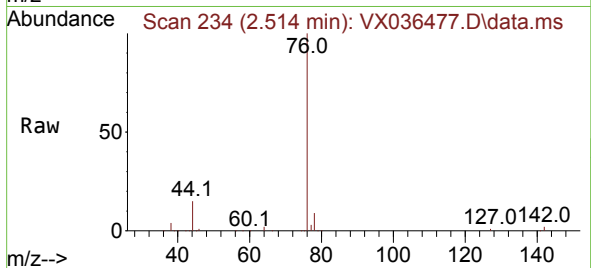




#17  
Carbon Disulfide  
Concen: 17.108 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

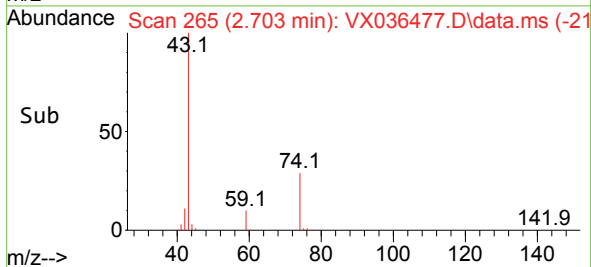
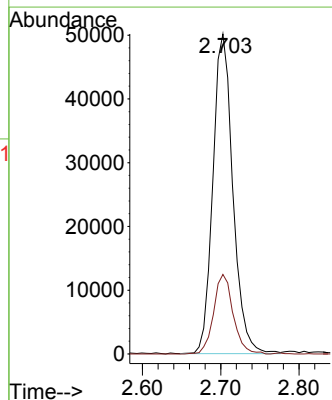
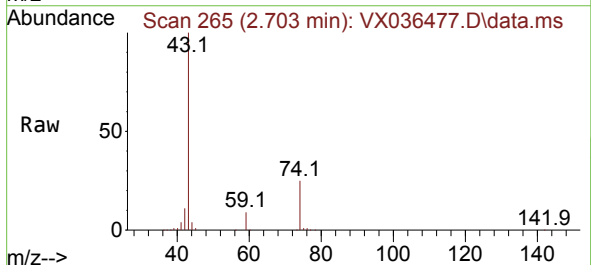
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

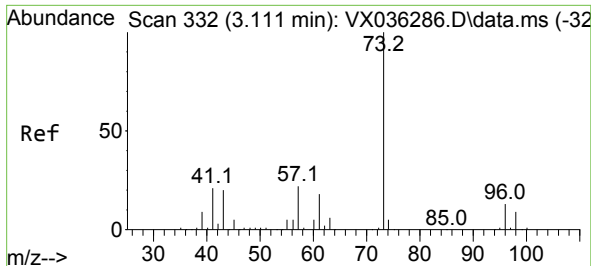
Tgt Ion: 76 Resp: 88645  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6



#18  
Methyl Acetate  
Concen: 18.997 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 43 Resp: 88854  
Ion Ratio Lower Upper  
43 100  
74 24.3 17.8 26.8

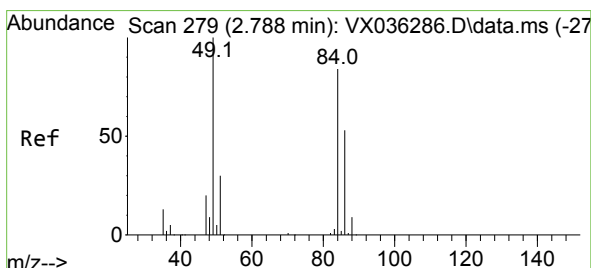
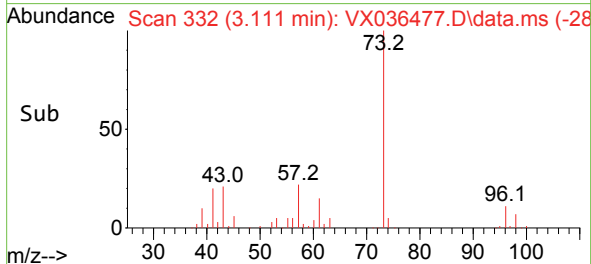
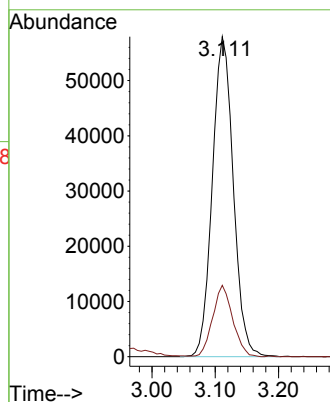
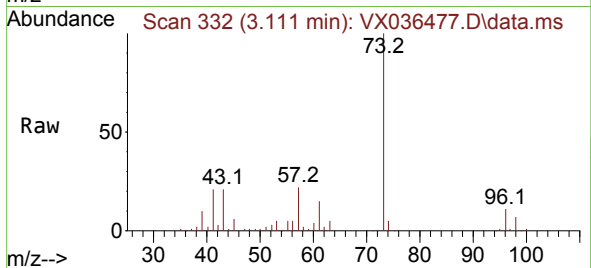




#19  
Methyl tert-butyl Ether  
Concen: 19.524 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

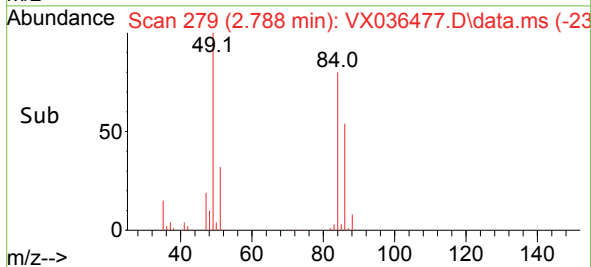
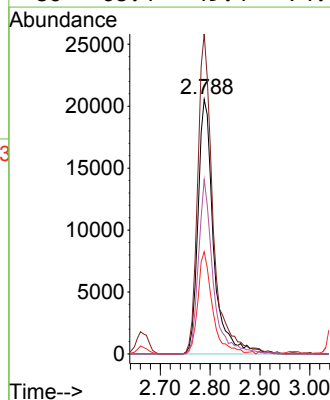
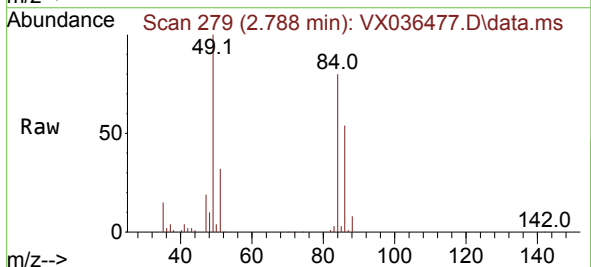
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

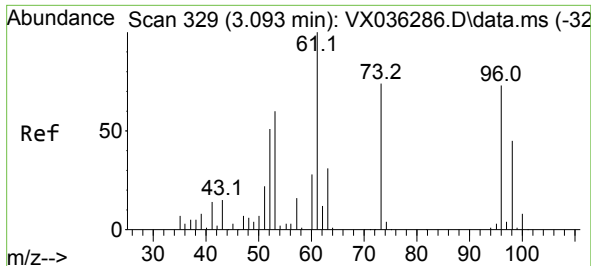
Tgt Ion: 73 Resp: 133116  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.3 25.9



#20  
Methylene Chloride  
Concen: 18.247 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 84 Resp: 44687  
Ion Ratio Lower Upper  
84 100  
49 125.7 103.6 155.4  
51 40.2 33.8 50.6  
86 68.4 49.4 74.0

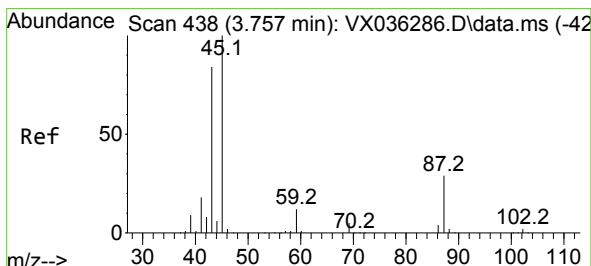
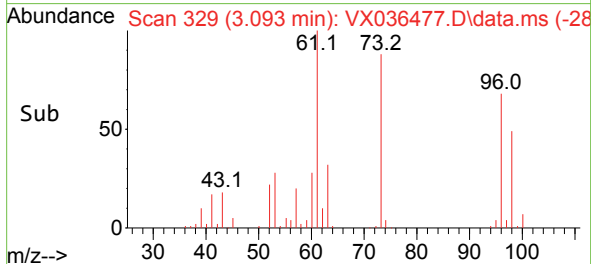
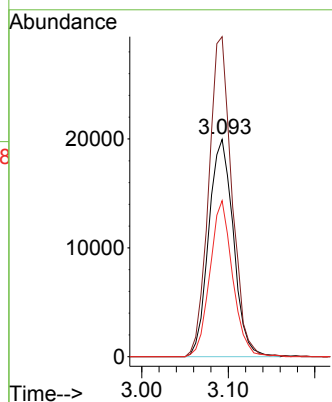
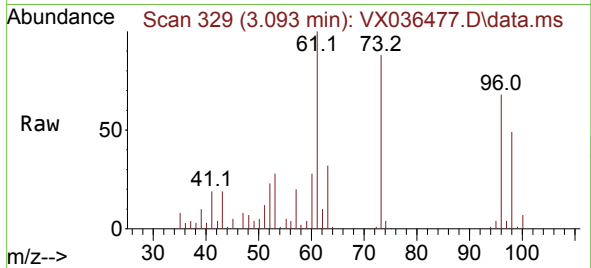




#21  
trans-1,2-Dichloroethene  
Concen: 17.530 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

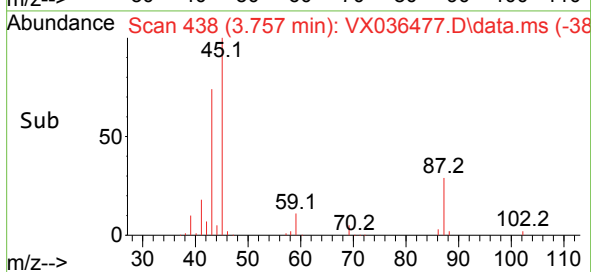
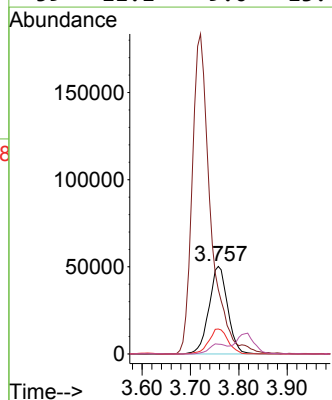
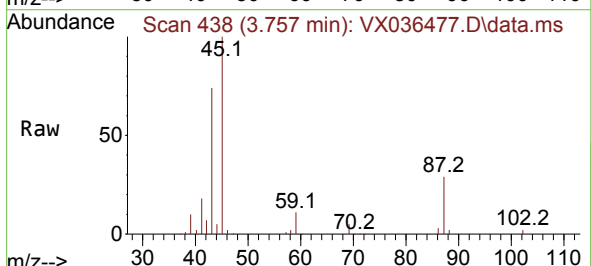
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

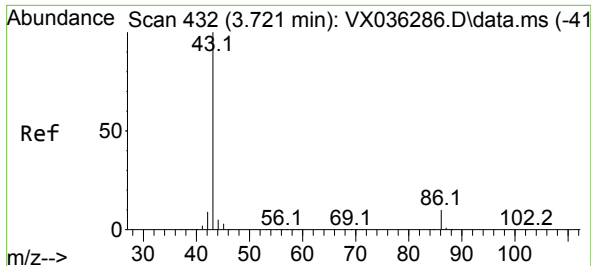
Tgt Ion: 96 Resp: 39466  
Ion Ratio Lower Upper  
96 100  
61 147.2 119.2 178.8  
98 71.8 48.7 73.1



#22  
Diisopropyl ether  
Concen: 19.601 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 45 Resp: 134660  
Ion Ratio Lower Upper  
45 100  
43 72.7 69.7 104.5  
87 28.6 20.8 31.2  
59 11.1 9.0 13.4

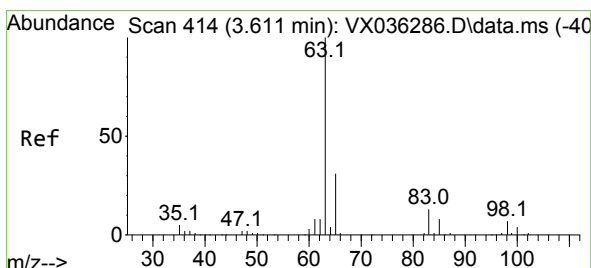
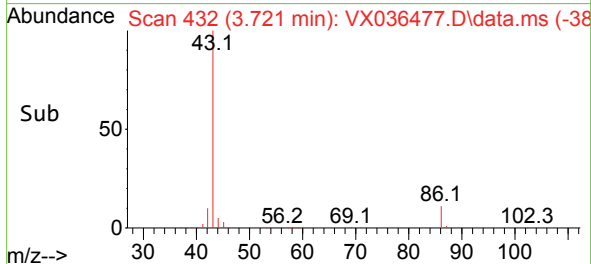
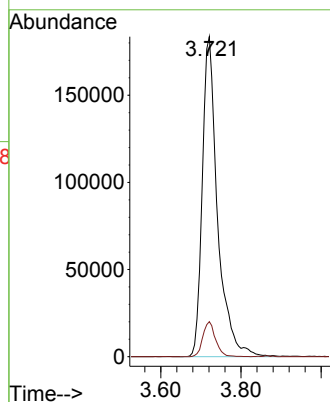
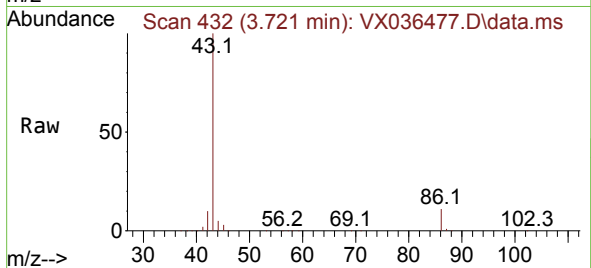




#23  
Vinyl Acetate  
Concen: 97.467 ug/l  
RT: 3.721 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

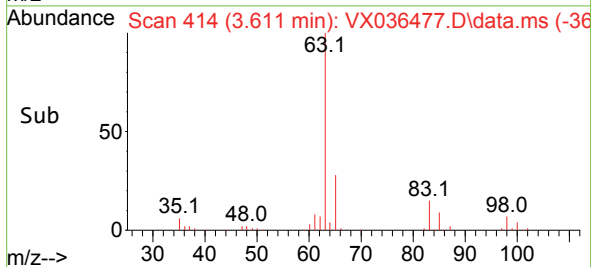
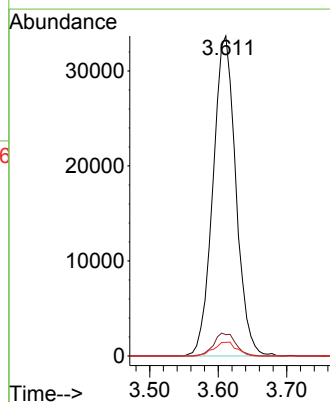
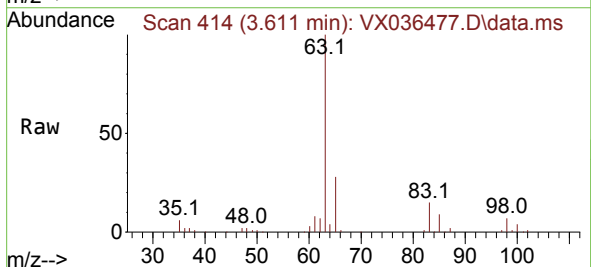
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

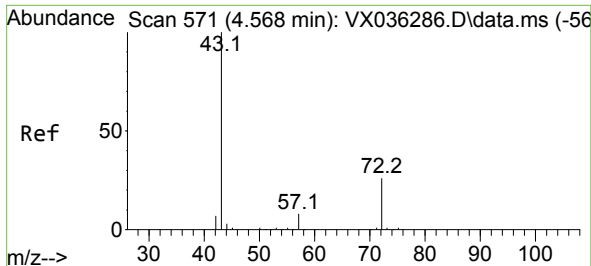
Tgt Ion: 43 Resp: 485946  
Ion Ratio Lower Upper  
43 100  
86 11.0 7.8 11.8



#24  
1,1-Dichloroethane  
Concen: 19.267 ug/l  
RT: 3.611 min Scan# 414  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 63 Resp: 78009  
Ion Ratio Lower Upper  
63 100  
98 6.7 3.3 9.8  
100 4.2 2.1 6.5

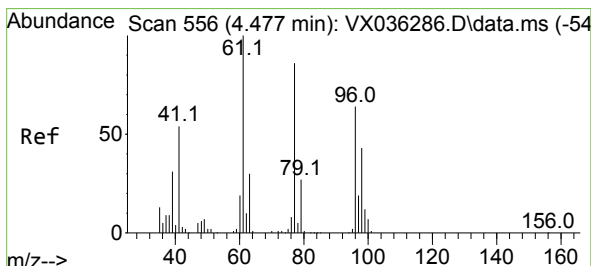
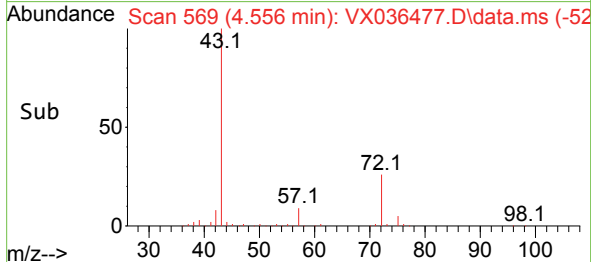
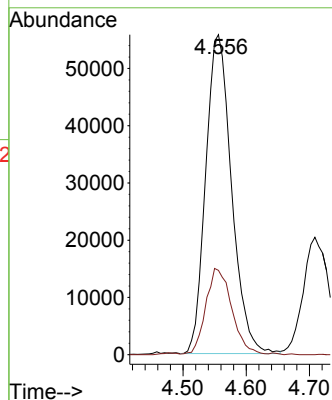
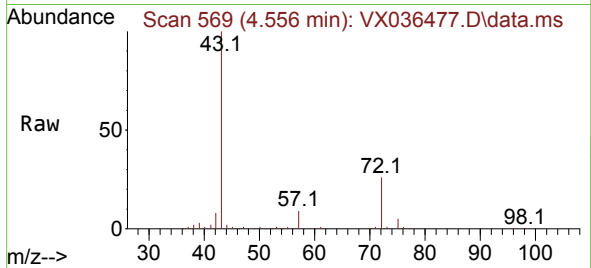




#25  
2-Butanone  
Concen: 96.909 ug/l  
RT: 4.556 min Scan# 5  
Delta R.T. -0.012 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

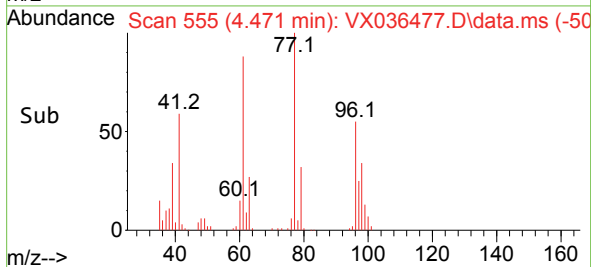
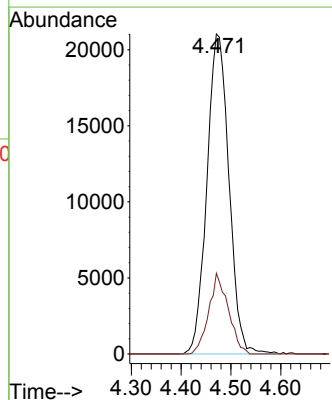
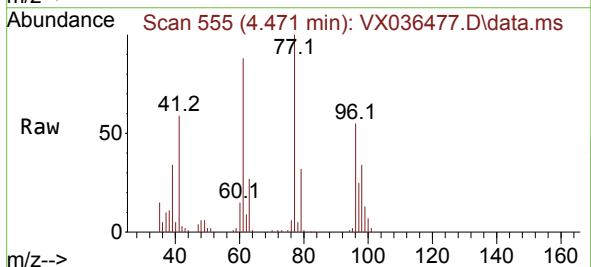
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

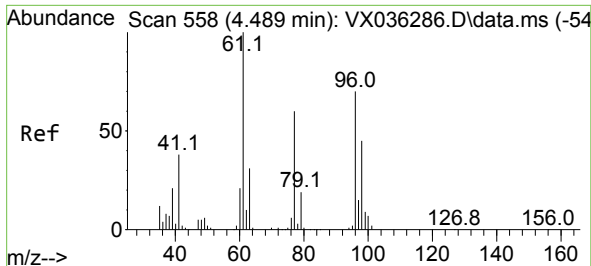
Tgt Ion: 43 Resp: 158371  
Ion Ratio Lower Upper  
43 100  
72 26.2 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 22.498 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.006 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 77 Resp: 64605  
Ion Ratio Lower Upper  
77 100  
97 22.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.957 ug/l

RT: 4.489 min Scan# 511

Delta R.T. -0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0710WBS01

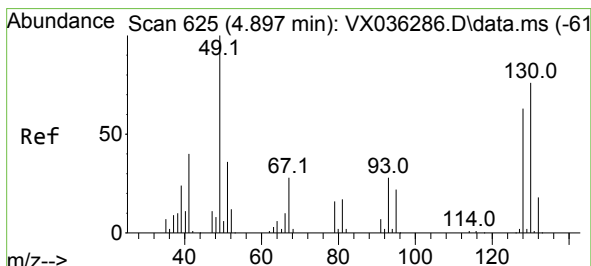
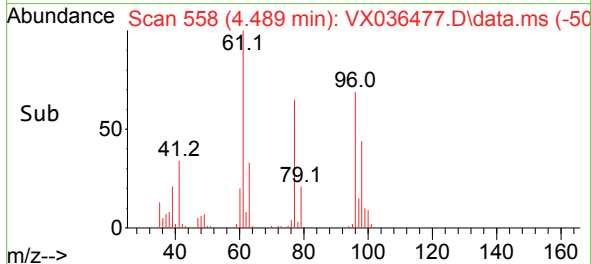
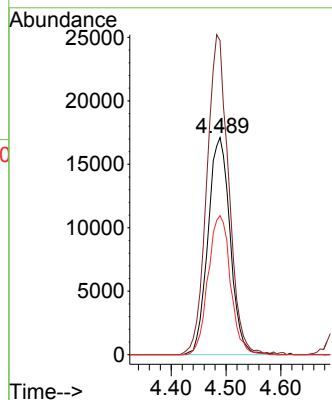
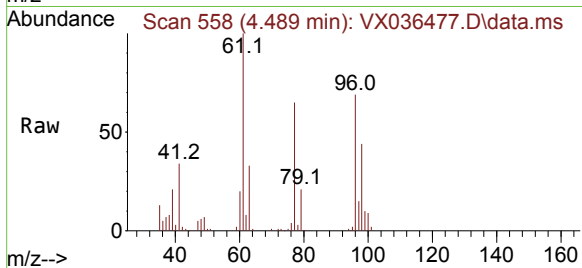
Tgt Ion: 96 Resp: 47864

Ion Ratio Lower Upper

96 100

61 145.3 0.0 312.2

98 64.8 0.0 129.0



#28

Bromochloromethane

Concen: 18.727 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

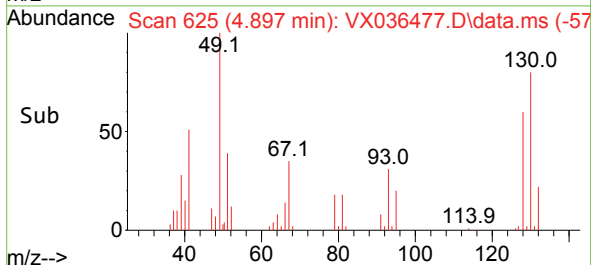
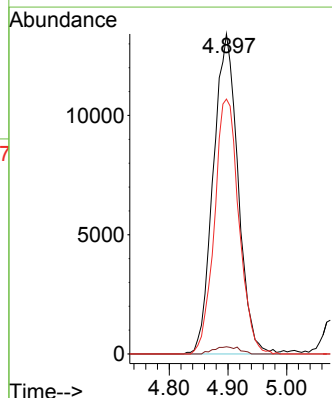
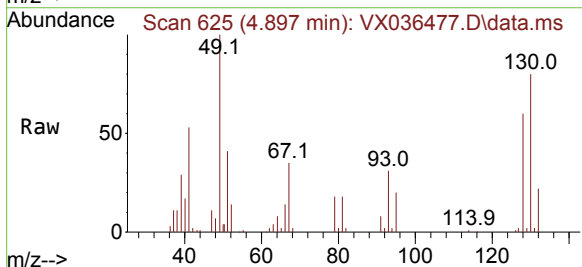
Tgt Ion: 49 Resp: 39325

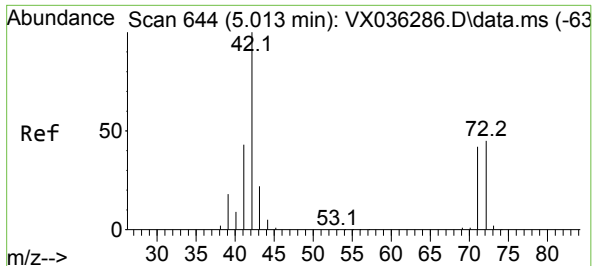
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 78.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 95.605 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.018 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0710WBS01

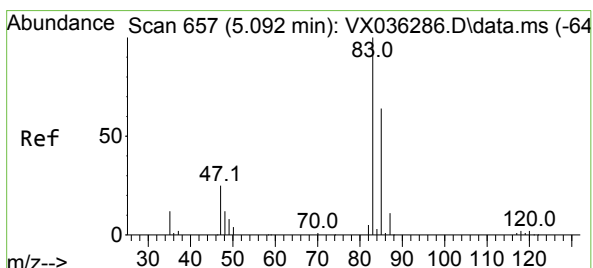
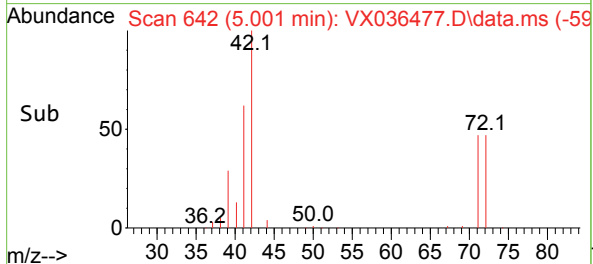
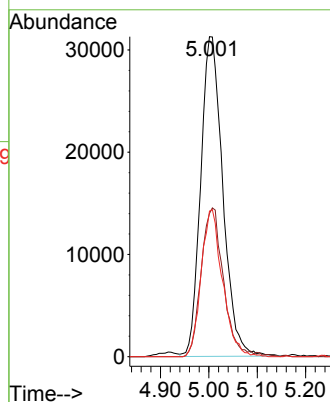
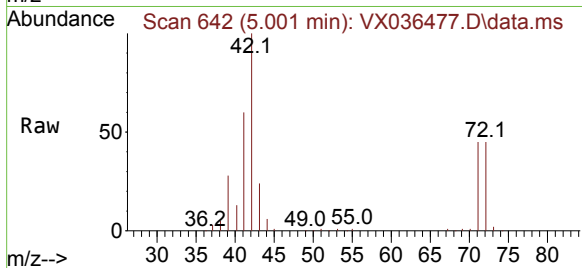
Tgt Ion: 42 Resp: 99472

Ion Ratio Lower Upper

42 100

72 47.2 34.2 51.4

71 44.5 32.2 48.2



#30

Chloroform

Concen: 19.499 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX036477.D

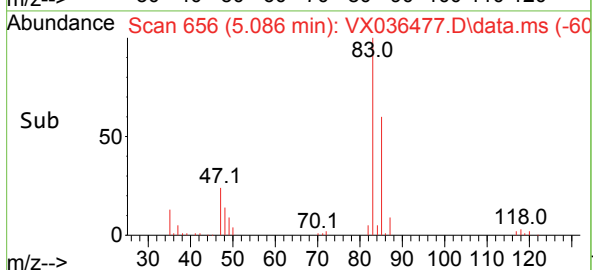
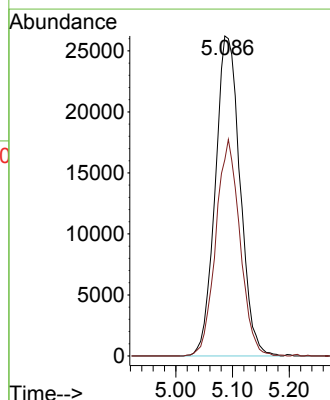
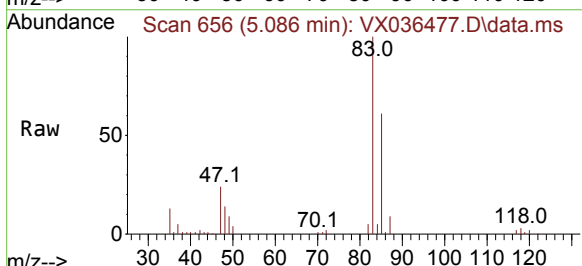
Acq: 10 Jul 2023 12:59

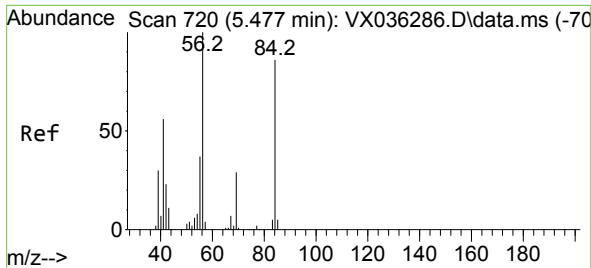
Tgt Ion: 83 Resp: 79517

Ion Ratio Lower Upper

83 100

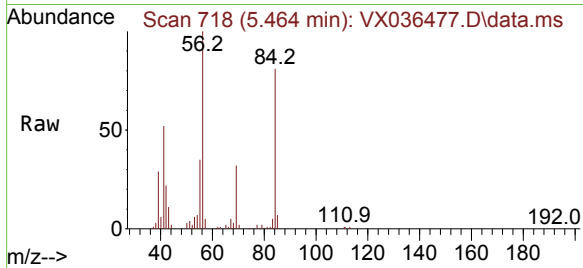
85 61.3 50.3 75.5



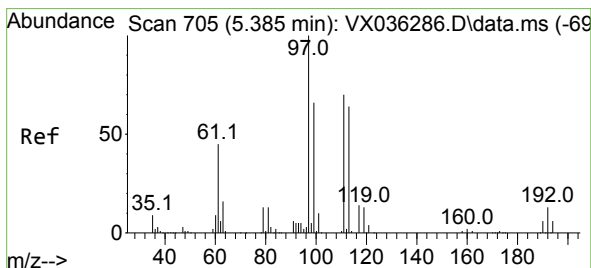
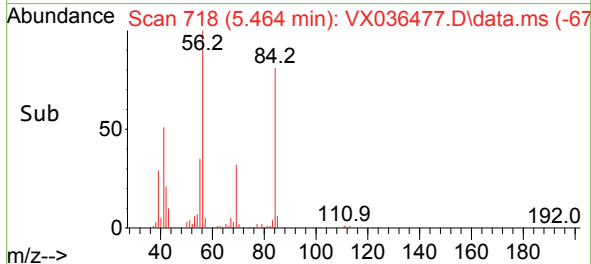
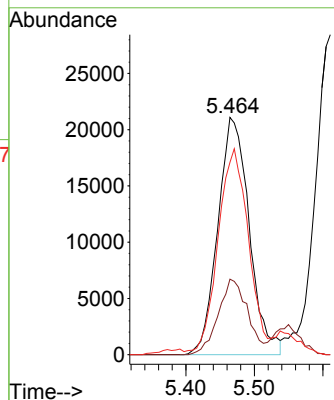


#31  
Cyclohexane  
Concen: 19.668 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

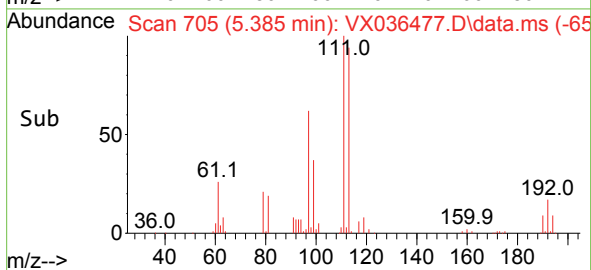
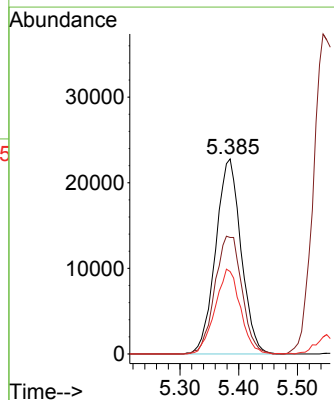
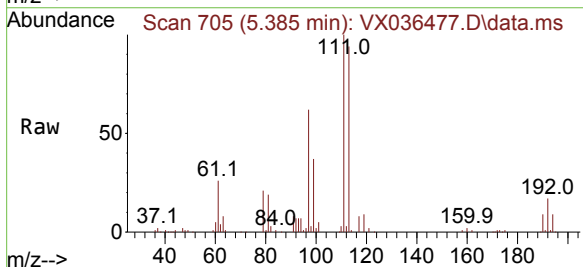


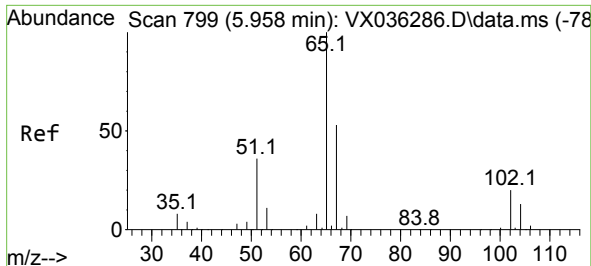
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 67070 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 31.8  | 23.4  | 35.2  |
| 84       | 78.7  | 65.9  | 98.9  |



#32  
1,1,1-Trichloroethane  
Concen: 20.090 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 68436 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 64.4  | 51.1  | 76.7  |
| 61       | 43.3  | 36.4  | 54.6  |





#33

1,2-Dichloroethane-d4

Concen: 46.040 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

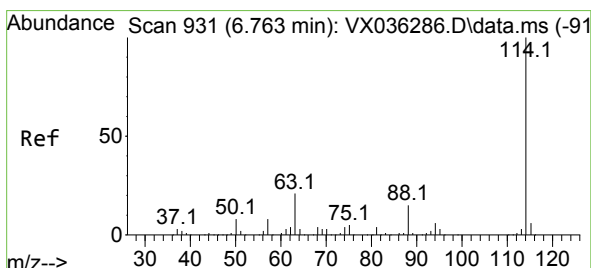
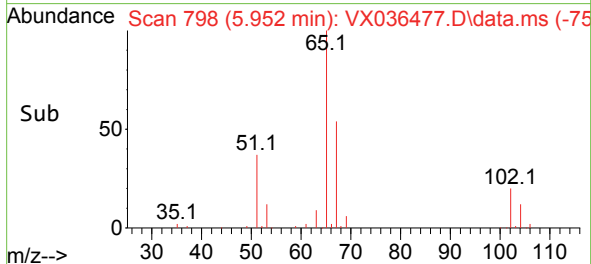
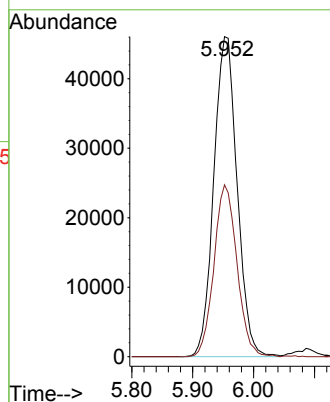
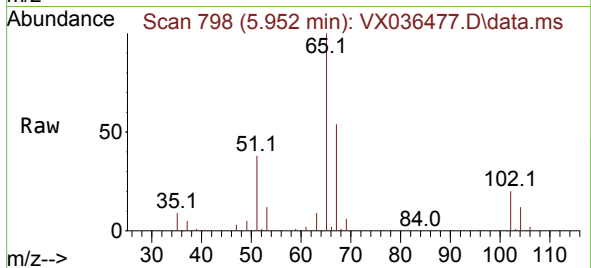
VX0710WBS01

Tgt Ion: 65 Resp: 122515

Ion Ratio Lower Upper

65 100

67 53.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

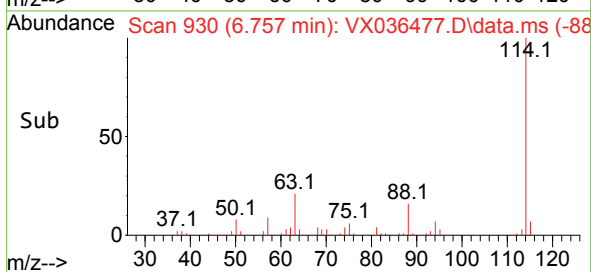
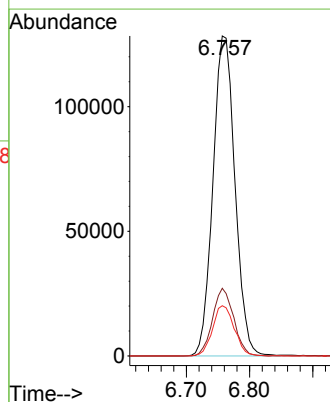
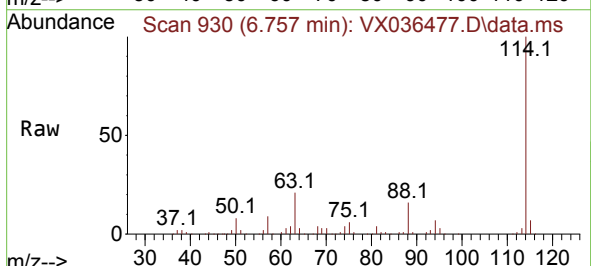
Tgt Ion: 114 Resp: 310206

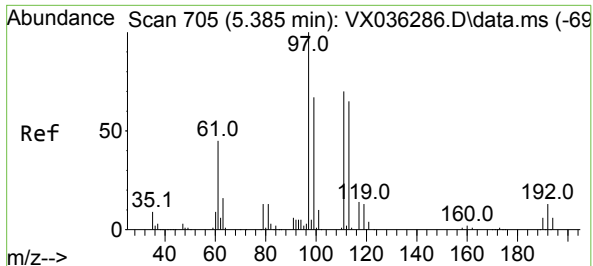
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.450 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0710WBS01

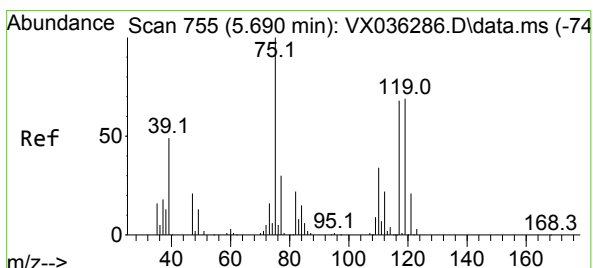
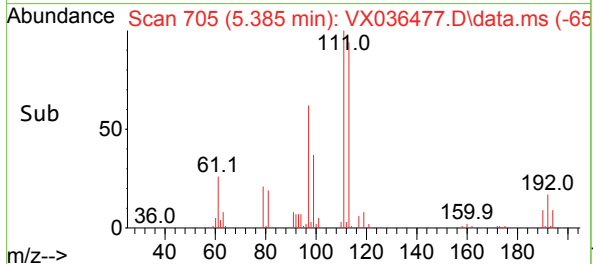
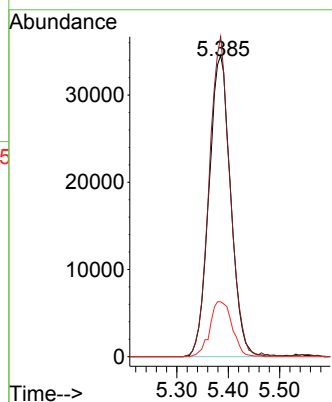
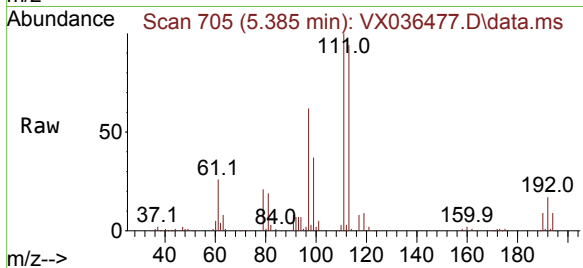
Tgt Ion:113 Resp: 101145

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 18.9 13.3 19.9



#36

1,1-Dichloropropene

Concen: 19.358 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

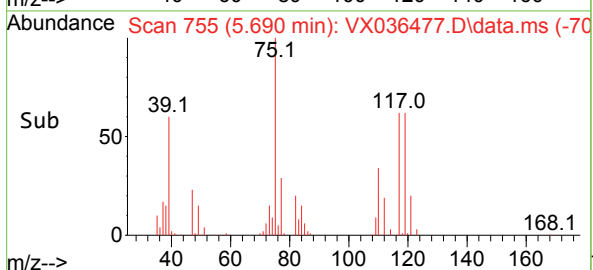
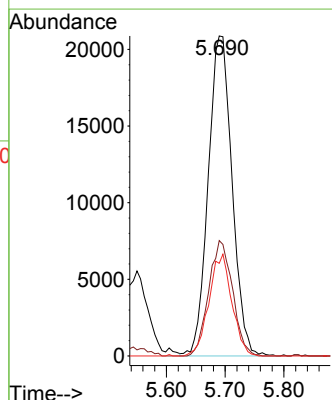
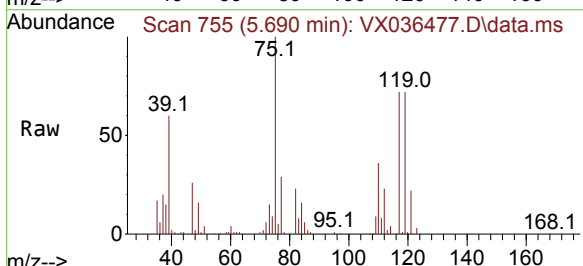
Tgt Ion: 75 Resp: 59023

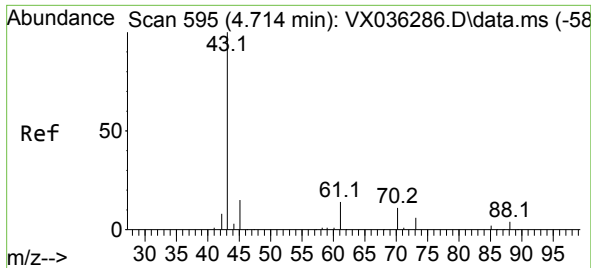
Ion Ratio Lower Upper

75 100

110 36.1 17.0 50.9

77 30.5 24.7 37.1

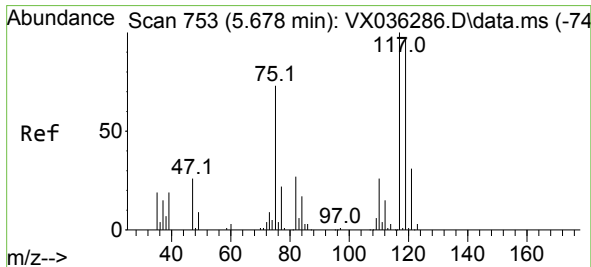
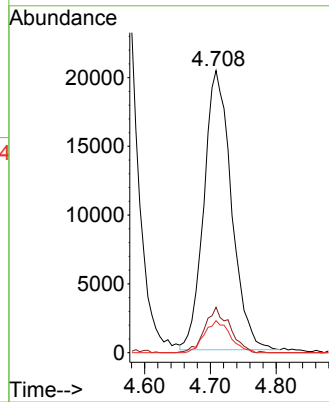
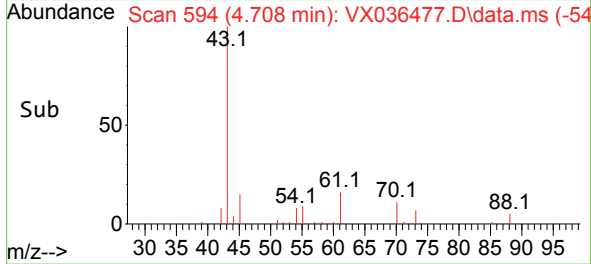
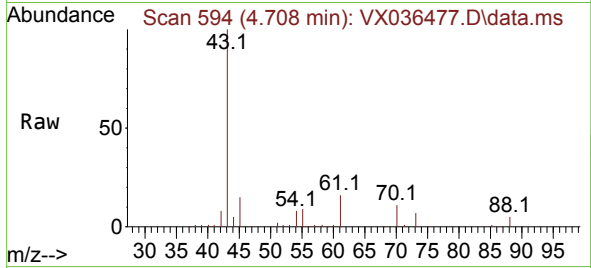




#37  
Ethyl Acetate  
Concen: 19.025 ug/l  
RT: 4.708 min Scan# 594  
Delta R.T. -0.006 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

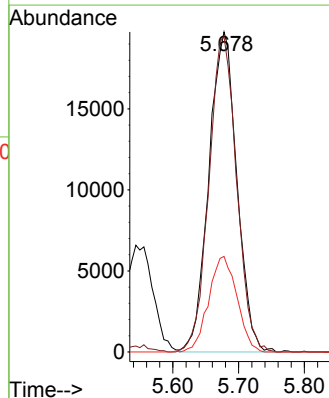
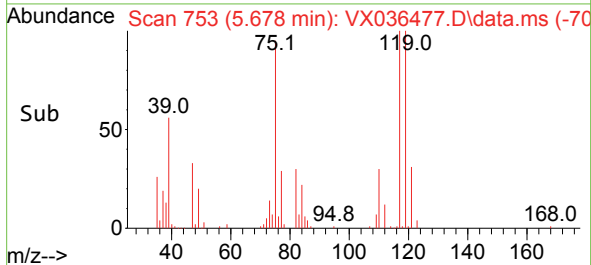
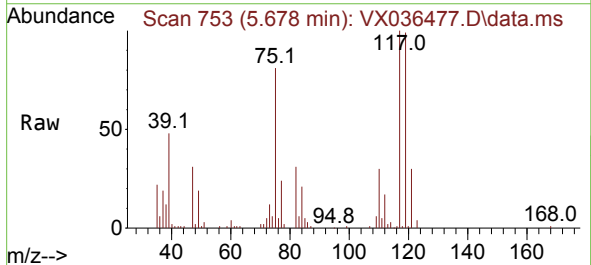
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

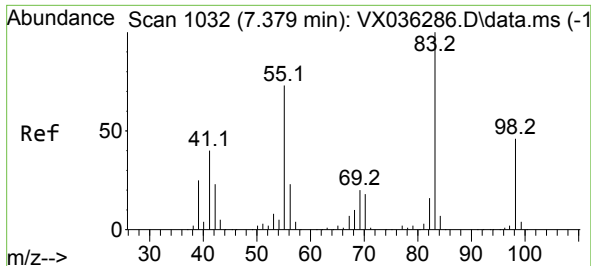
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 59121 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 14.7     | 10.6 16.0   |
| 70 10.7     | 8.3 12.5    |



#38  
Carbon Tetrachloride  
Concen: 21.027 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

|              |             |
|--------------|-------------|
| Tgt Ion: 117 | Resp: 58555 |
| Ion Ratio    | Lower Upper |
| 117 100      |             |
| 119 98.5     | 78.2 117.2  |
| 121 29.8     | 24.4 36.6   |

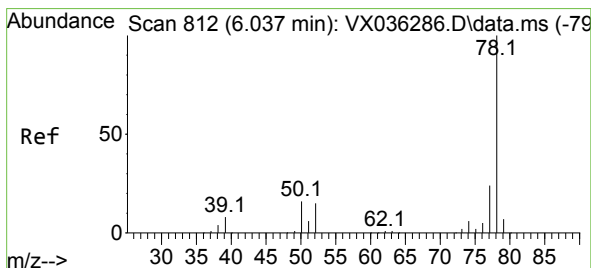
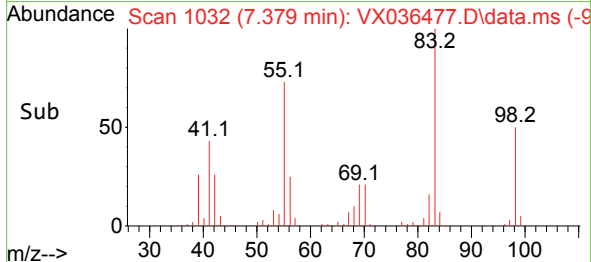
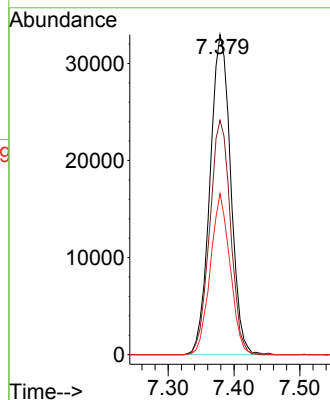
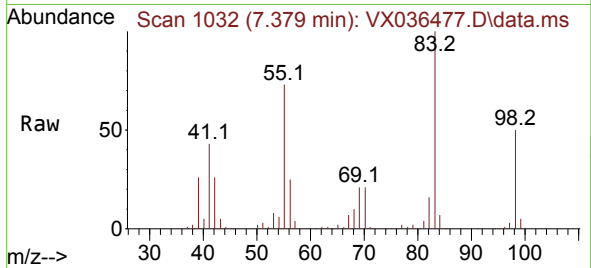




#39  
Methylcyclohexane  
Concen: 19.749 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.001 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

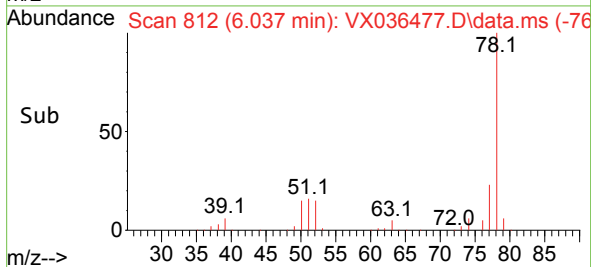
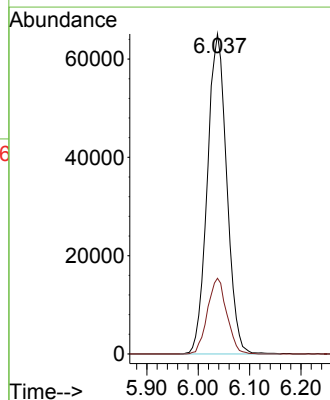
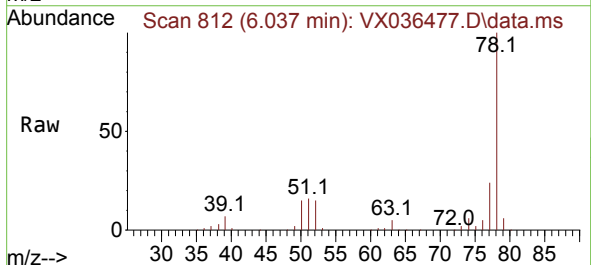
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

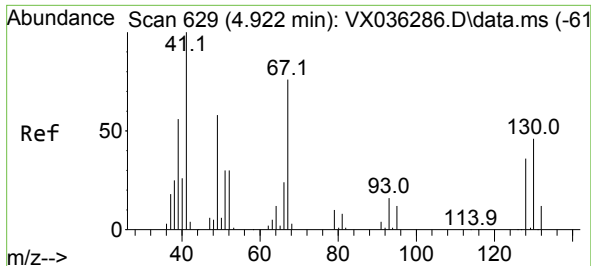
Tgt Ion: 83 Resp: 72120  
Ion Ratio Lower Upper  
83 100  
55 73.2 64.6 97.0  
98 50.4 36.7 55.1



#40  
Benzene  
Concen: 20.042 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 78 Resp: 170705  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.3 28.9

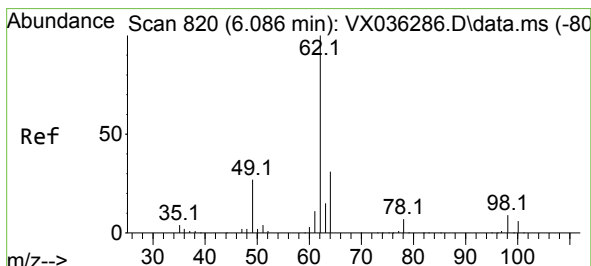
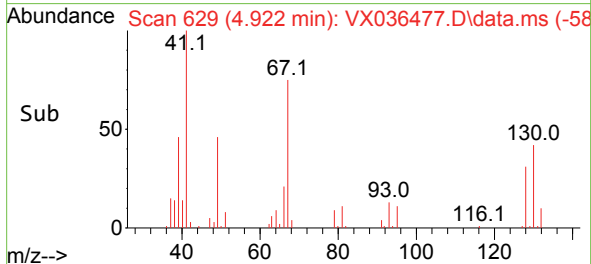
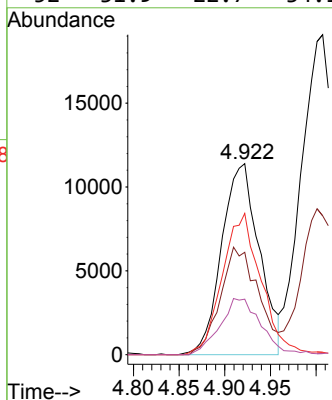
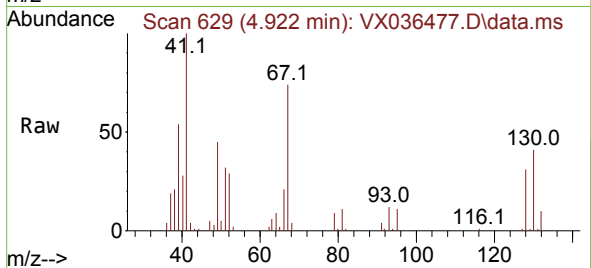




#41  
Methacrylonitrile  
Concen: 18.947 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

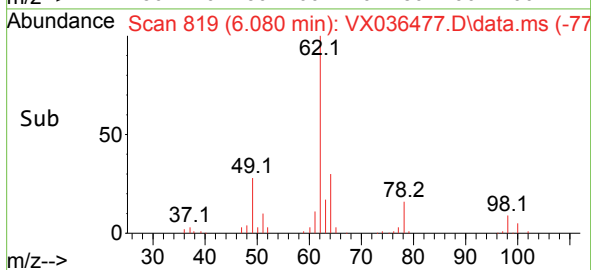
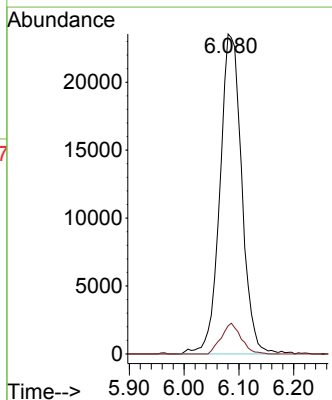
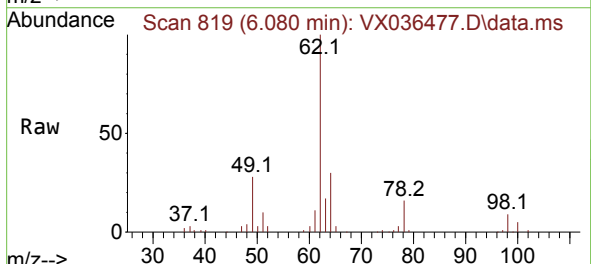
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

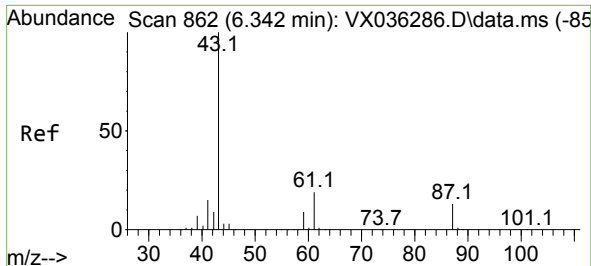
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 32663 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.0  | 45.2  | 67.8  |
| 67       | 76.5  | 52.6  | 78.8  |
| 52       | 31.9  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 20.115 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 65163 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.7   | 0.0   | 16.0  |

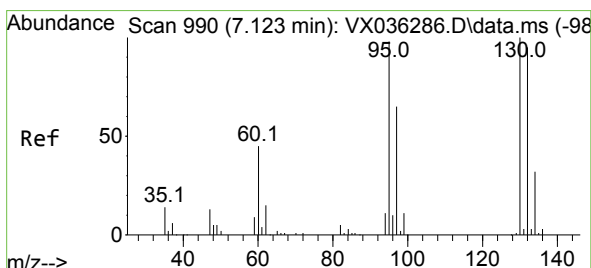
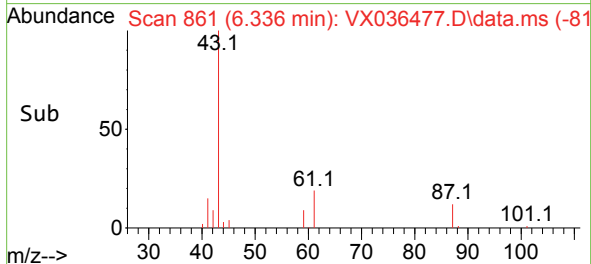
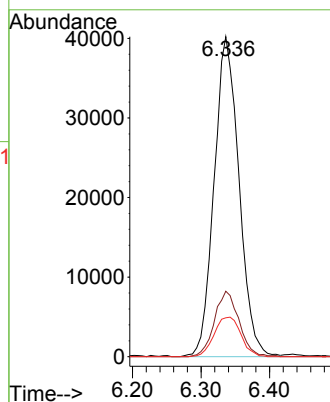
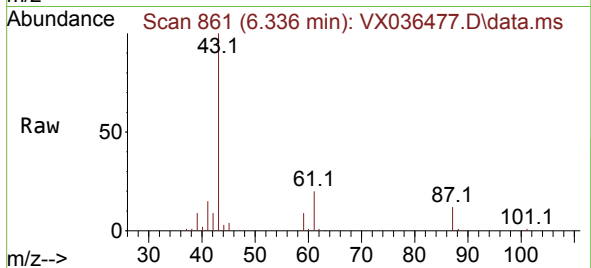




#43  
Isopropyl Acetate  
Concen: 20.413 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

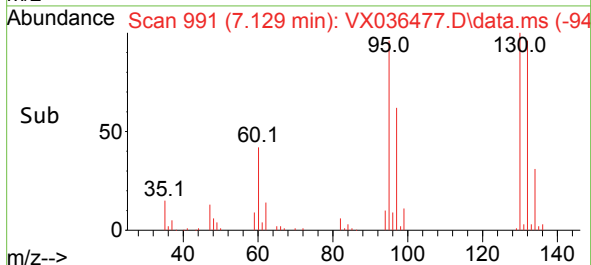
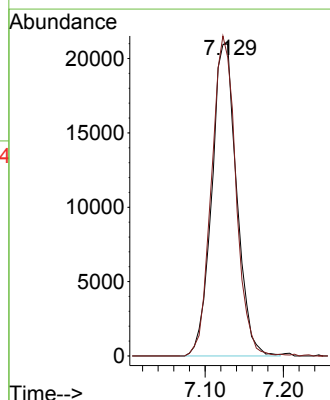
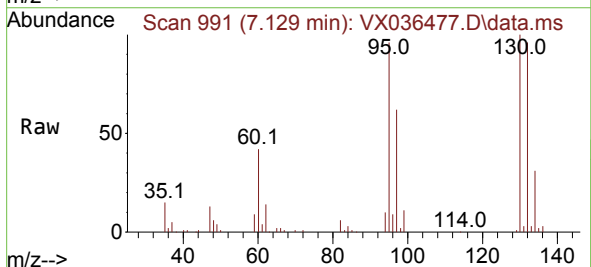
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

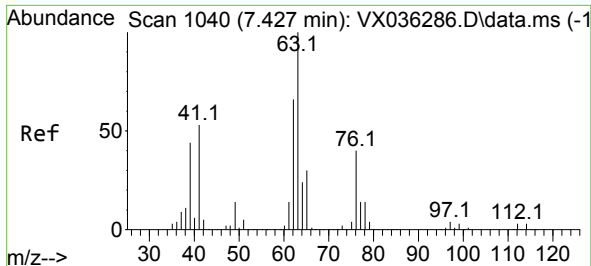
Tgt Ion: 43 Resp: 101192  
Ion Ratio Lower Upper  
43 100  
61 20.2 15.2 22.8  
87 13.3 9.8 14.6



#44  
Trichloroethene  
Concen: 19.571 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.007 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion:130 Resp: 46364  
Ion Ratio Lower Upper  
130 100  
95 95.7 0.0 204.4

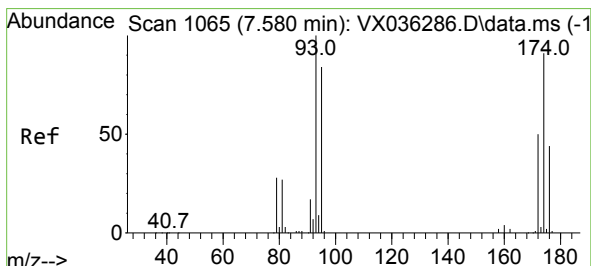
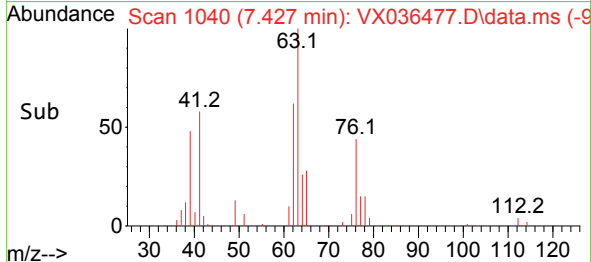
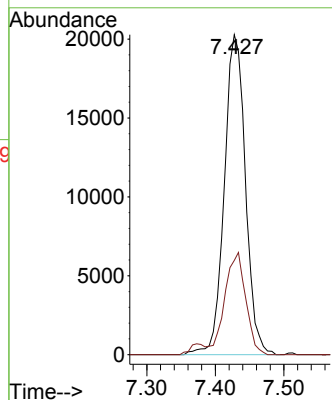
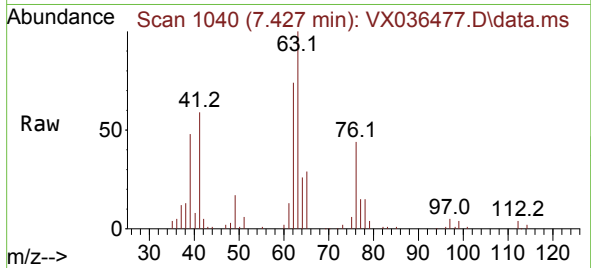




#45  
1,2-Dichloropropane  
Concen: 18.724 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

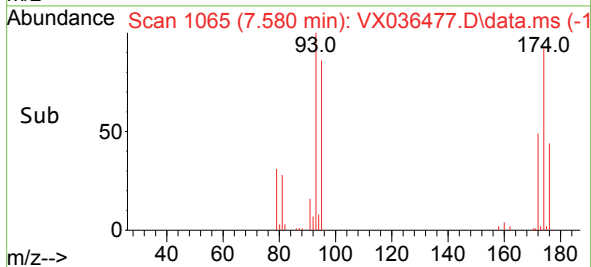
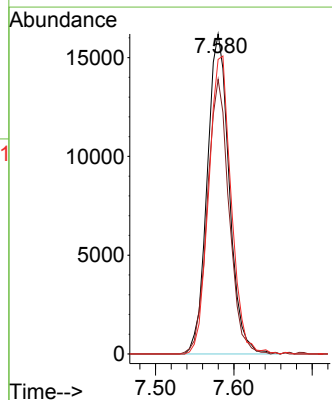
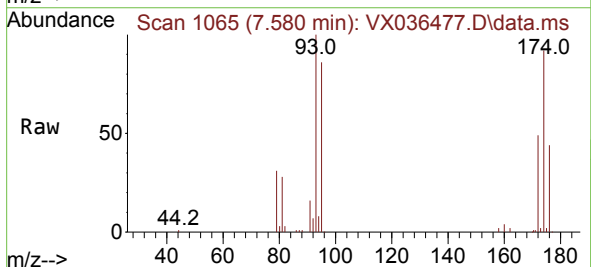
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

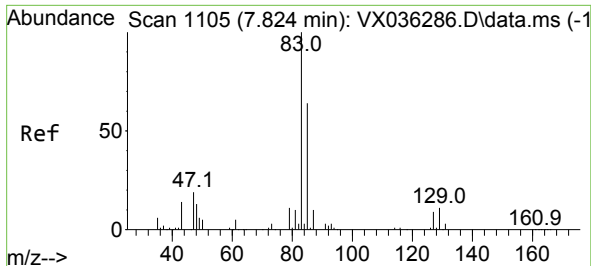
Tgt Ion: 63 Resp: 43434  
Ion Ratio Lower Upper  
63 100  
65 29.5 24.3 36.5



#46  
Dibromomethane  
Concen: 19.366 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 93 Resp: 31622  
Ion Ratio Lower Upper  
93 100  
95 84.3 66.6 100.0  
174 94.9 69.4 104.0

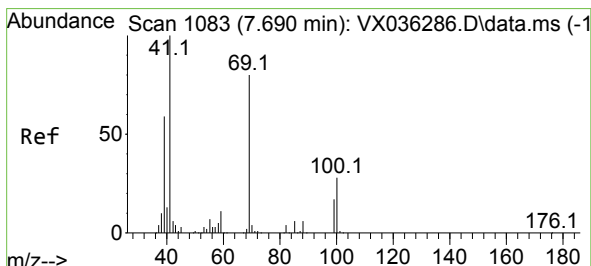
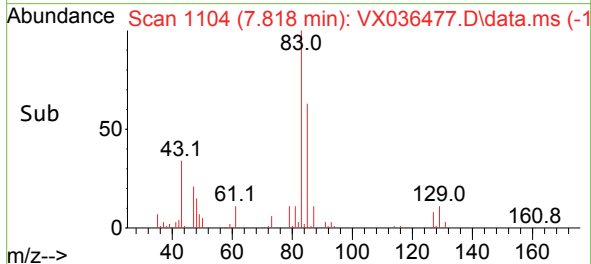
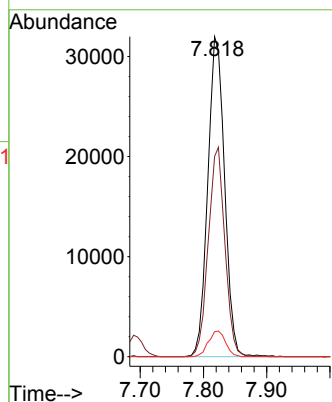
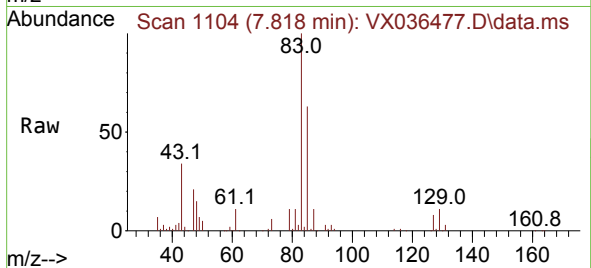




#47  
Bromodichloromethane  
Concen: 20.019 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.005 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

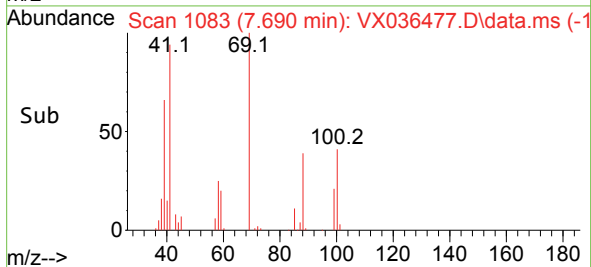
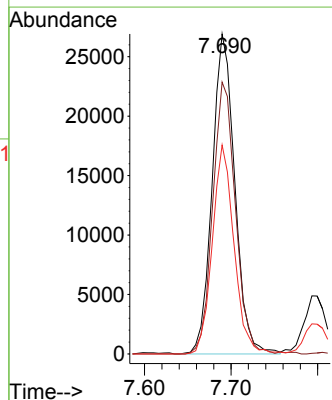
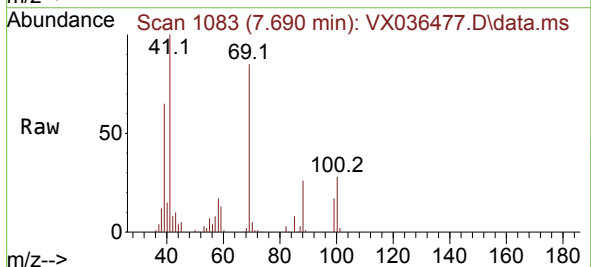
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

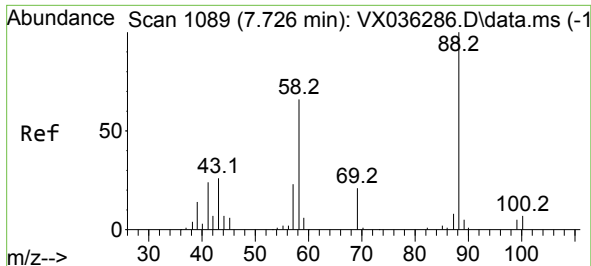
Tgt Ion: 83 Resp: 59111  
Ion Ratio Lower Upper  
83 100  
85 62.6 49.8 74.6  
127 7.8 7.1 10.7



#48  
Methyl methacrylate  
Concen: 19.733 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.001 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 41 Resp: 48775  
Ion Ratio Lower Upper  
41 100  
69 85.4 59.2 88.8  
39 62.7 47.7 71.5

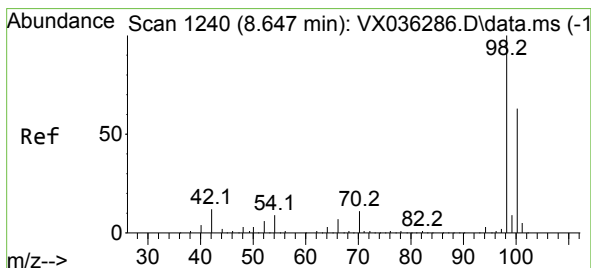
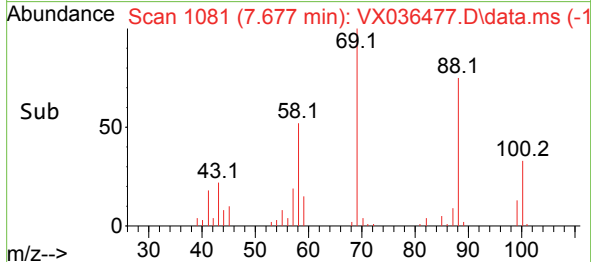
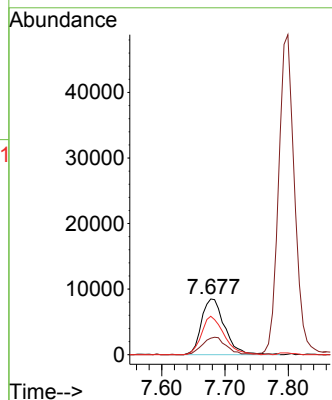
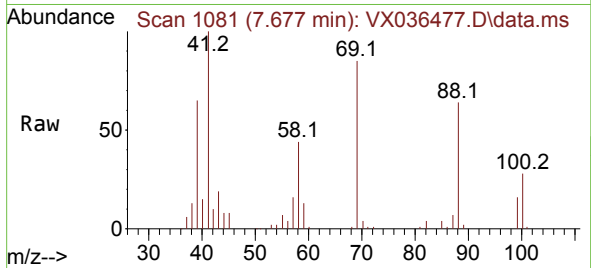




#49  
1,4-Dioxane  
Concen: 395.508 ug/l  
RT: 7.677 min Scan# 1089  
Delta R.T. -0.055 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

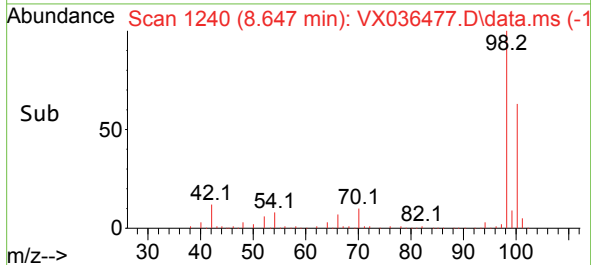
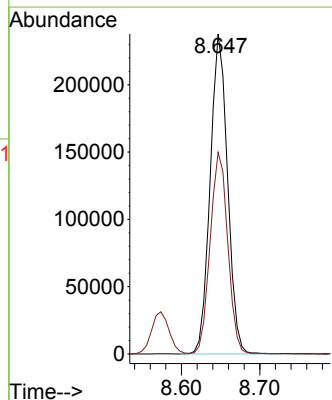
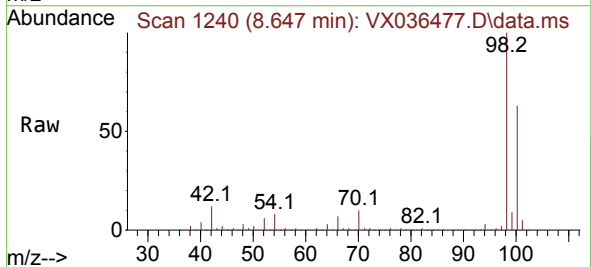
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

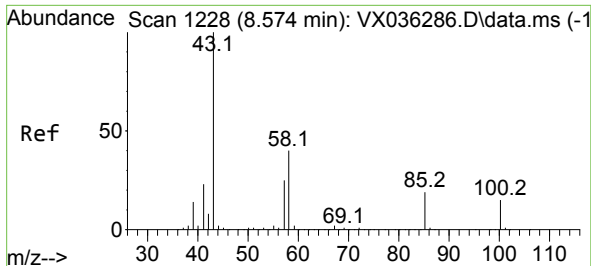
Tgt Ion: 88 Resp: 21672  
Ion Ratio Lower Upper  
88 100  
43 32.1 0.0 0.0#  
58 66.5 60.1 90.1



#50  
Toluene-d8  
Concen: 47.847 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.001 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 98 Resp: 365534  
Ion Ratio Lower Upper  
98 100  
100 64.1 53.1 79.7

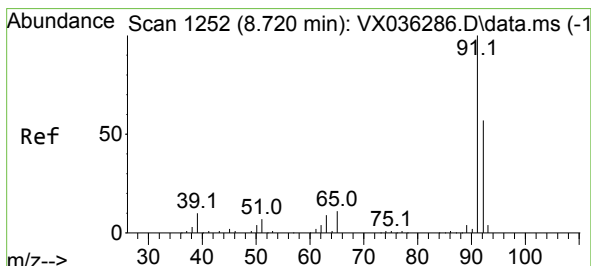
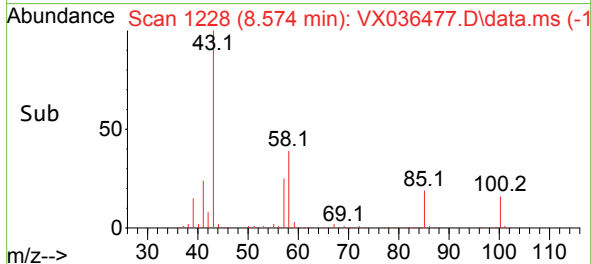
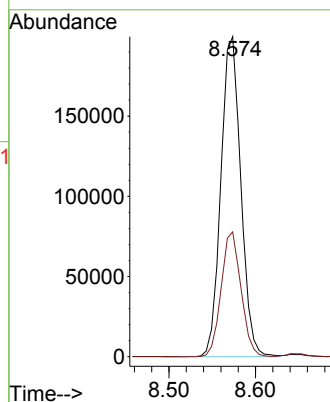
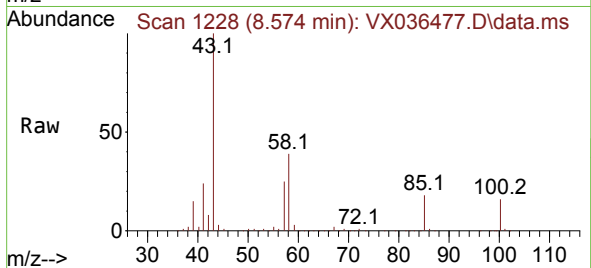




#51  
4-Methyl-2-Pentanone  
Concen: 99.986 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.001 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

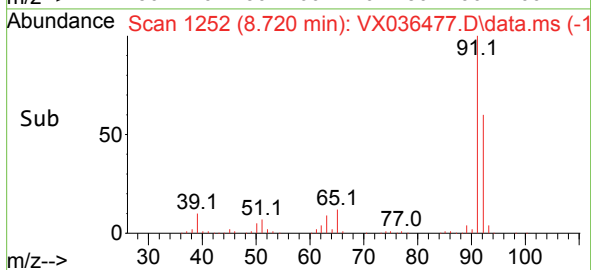
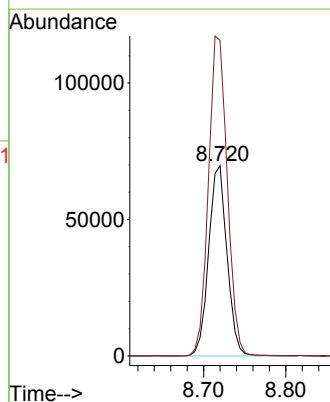
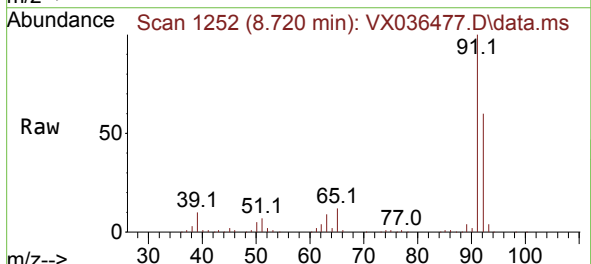
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

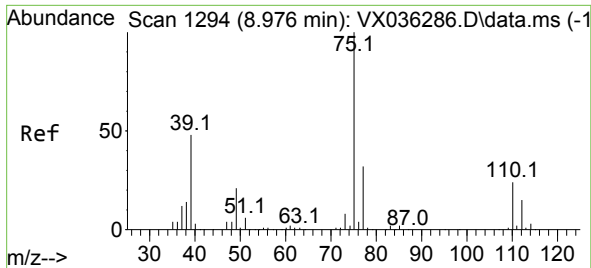
Tgt Ion: 43 Resp: 319340  
Ion Ratio Lower Upper  
43 100  
58 38.7 30.4 45.6



#52  
Toluene  
Concen: 20.009 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 92 Resp: 108002  
Ion Ratio Lower Upper  
92 100  
91 172.5 134.2 201.2

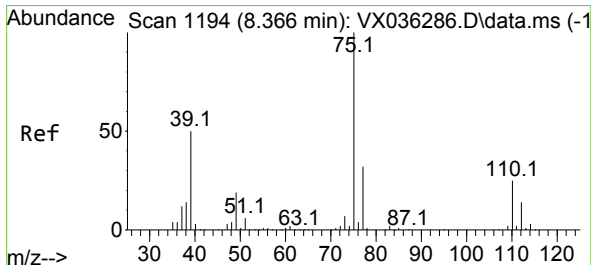
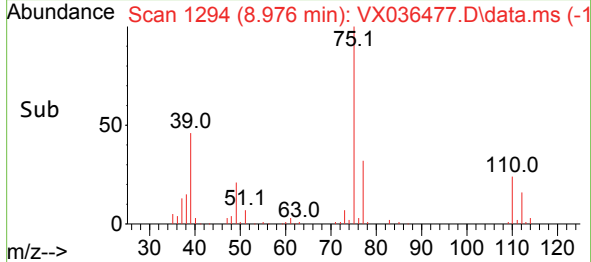
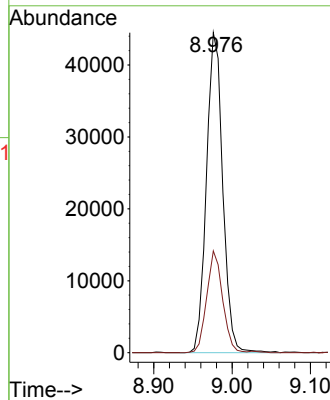
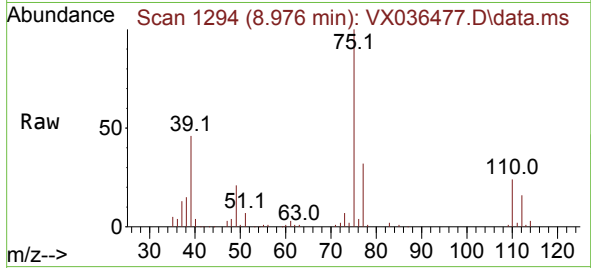




#53  
 t-1,3-Dichloropropene  
 Concen: 21.496 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. -0.000 min  
 Lab File: VX036477.D  
 Acq: 10 Jul 2023 12:59

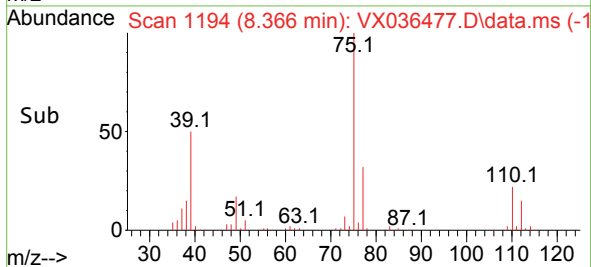
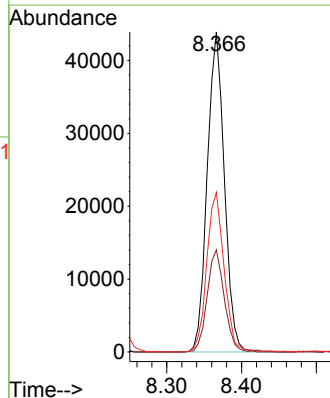
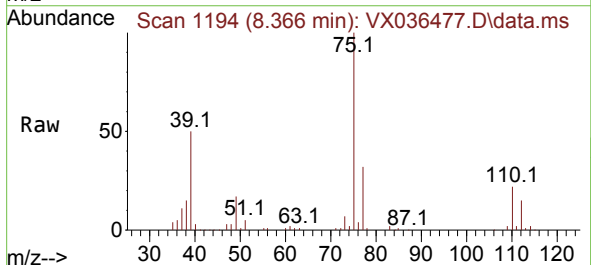
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0710WBS01

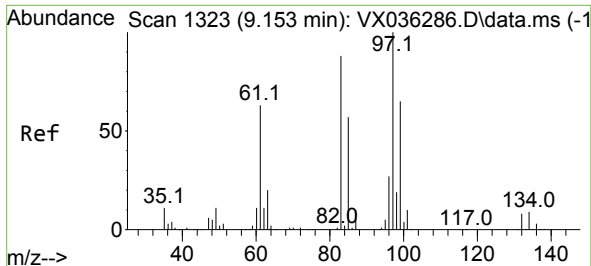
Tgt Ion: 75 Resp: 64117  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.726 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX036477.D  
 Acq: 10 Jul 2023 12:59

Tgt Ion: 75 Resp: 69884  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.3 37.9  
 39 49.8 46.7 70.1

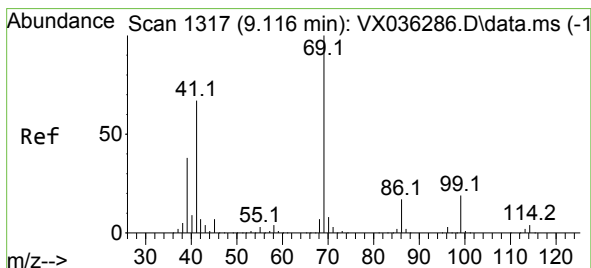
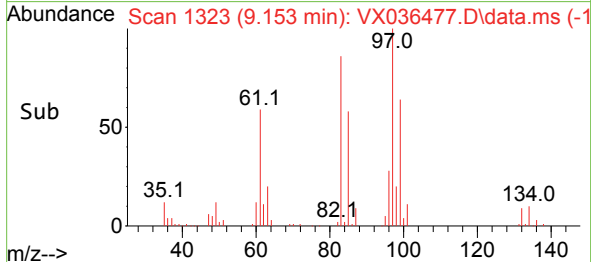
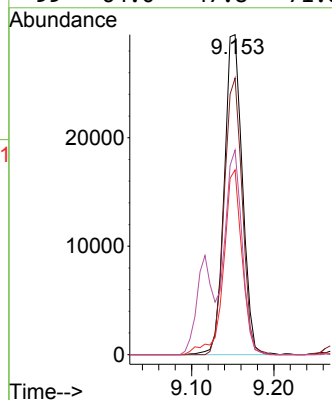
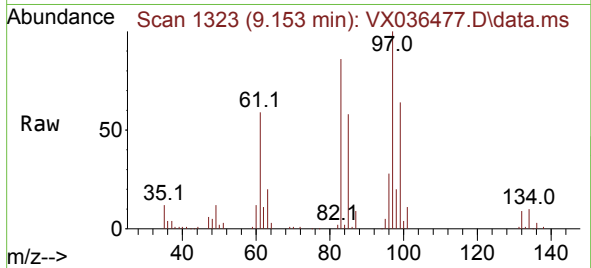




#55  
1,1,2-Trichloroethane  
Concen: 20.119 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

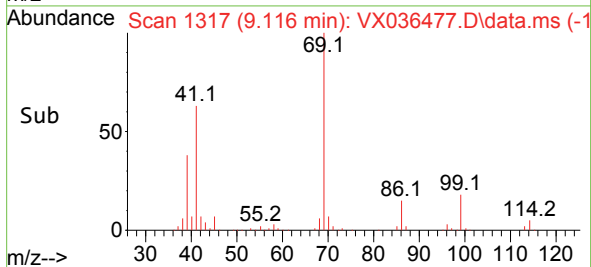
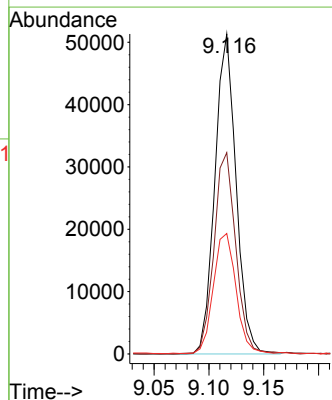
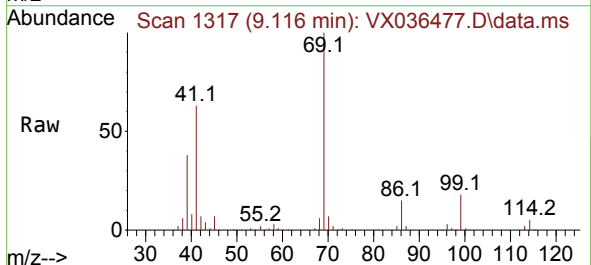
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

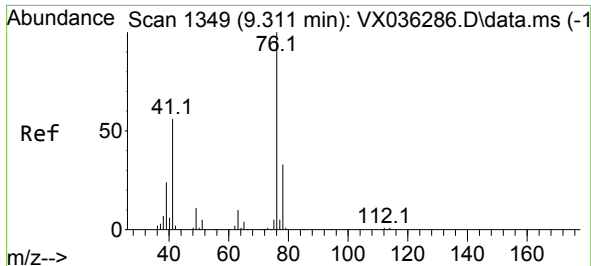
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 45132 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 86.4     | 65.8 98.8   |
| 85 57.8     | 41.6 62.4   |
| 99 64.0     | 47.8 71.8   |



#56  
Ethyl methacrylate  
Concen: 20.577 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

|             |             |       |  |
|-------------|-------------|-------|--|
| Tgt Ion: 69 | Resp: 69043 |       |  |
| Ion Ratio   | Lower       | Upper |  |
| 69 100      |             |       |  |
| 41 65.2     | 56.8        | 85.2  |  |
| 39 40.3     | 32.0        | 48.0  |  |





#57

1,3-Dichloropropane

Concen: 19.879 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

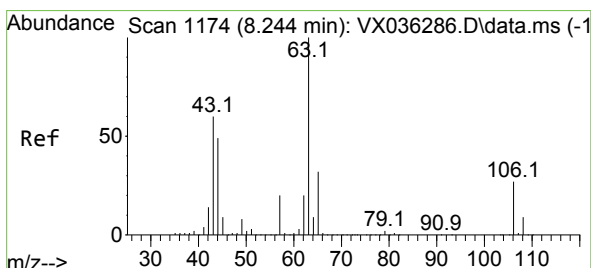
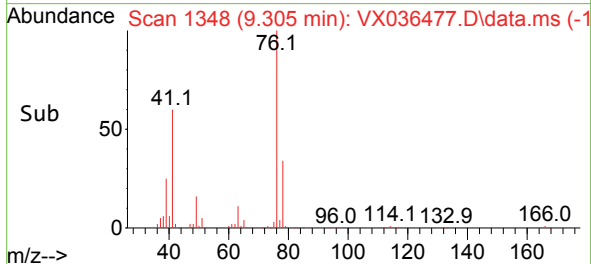
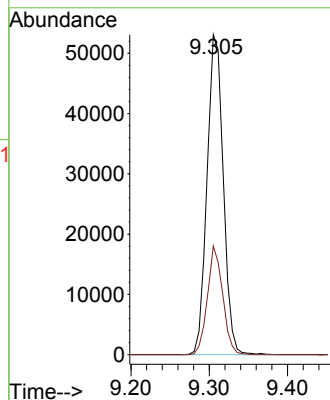
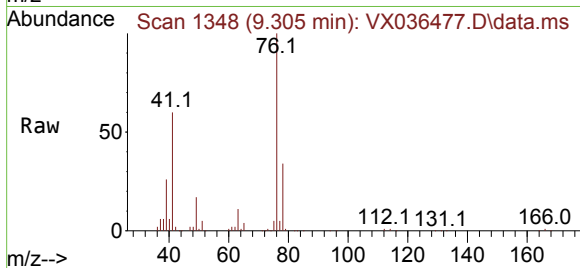
VX0710WBS01

Tgt Ion: 76 Resp: 76427

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 99.579 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036477.D

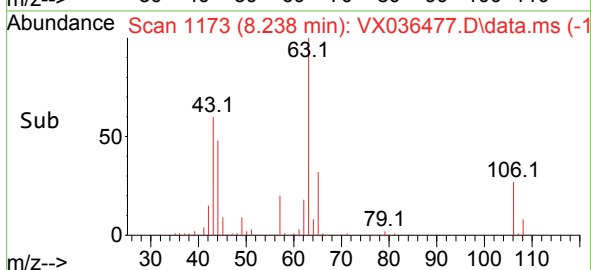
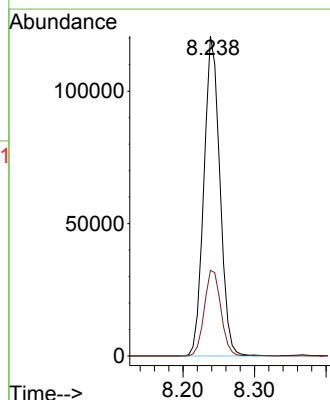
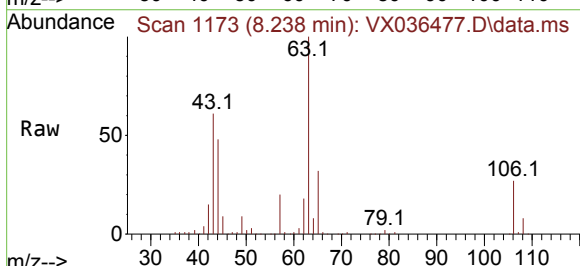
Acq: 10 Jul 2023 12:59

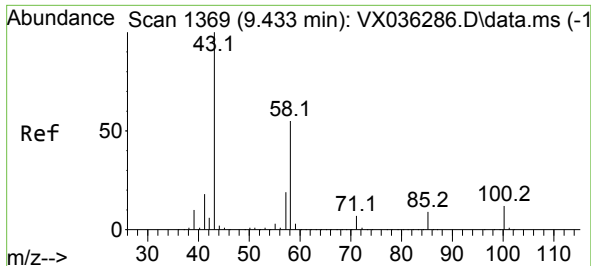
Tgt Ion: 63 Resp: 187773

Ion Ratio Lower Upper

63 100

106 27.7 22.5 33.7





#59

2-Hexanone

Concen: 104.615 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

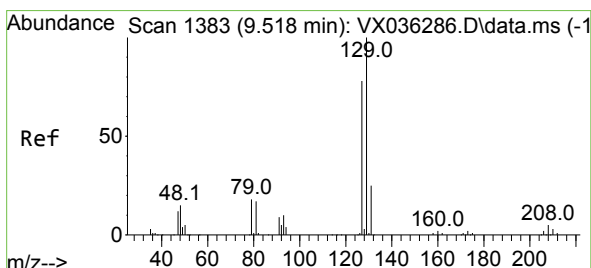
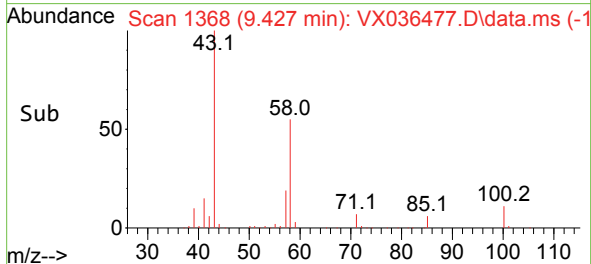
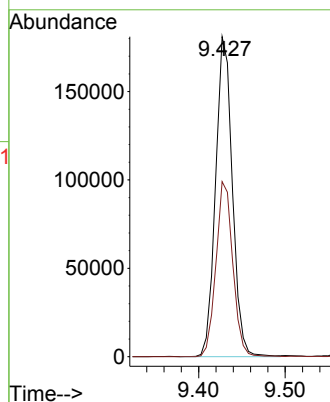
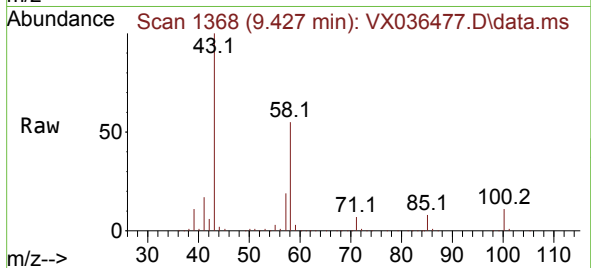
VX0710WBS01

Tgt Ion: 43 Resp: 243996

Ion Ratio Lower Upper

43 100

58 54.8 26.2 78.5



#60

Dibromochloromethane

Concen: 20.289 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.001 min

Lab File: VX036477.D

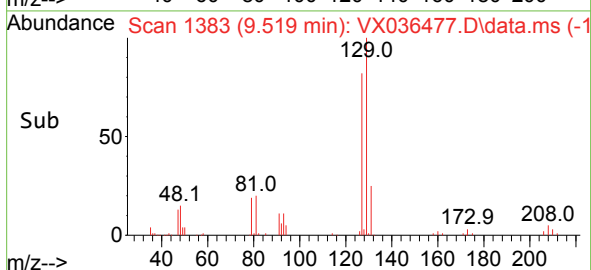
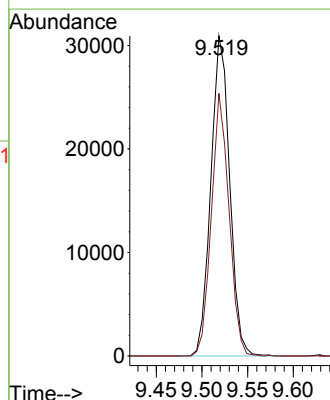
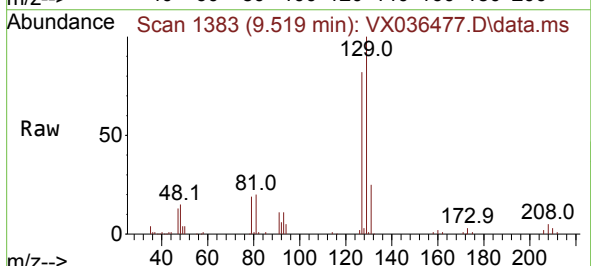
Acq: 10 Jul 2023 12:59

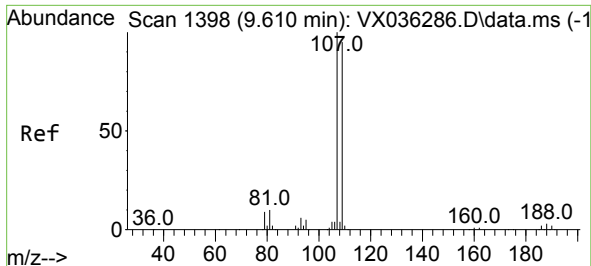
Tgt Ion: 129 Resp: 44221

Ion Ratio Lower Upper

129 100

127 76.9 38.8 116.4

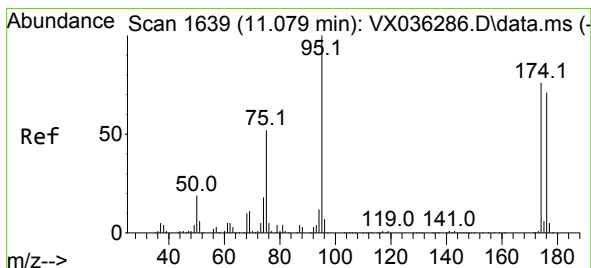
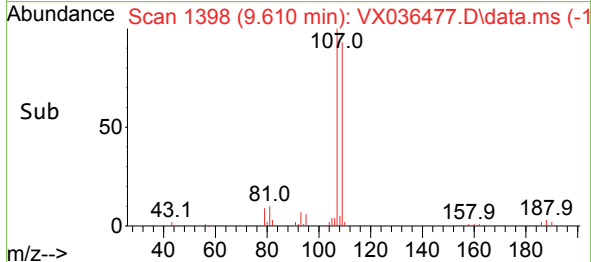
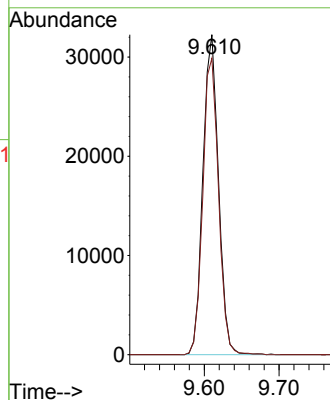
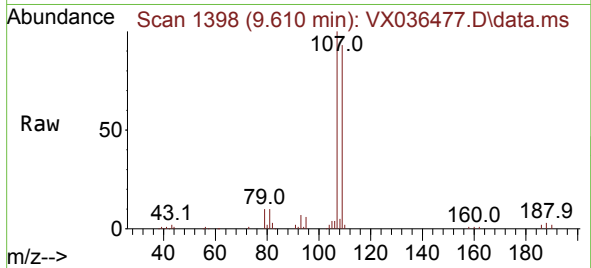




#61  
1,2-Dibromoethane  
Concen: 19.588 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

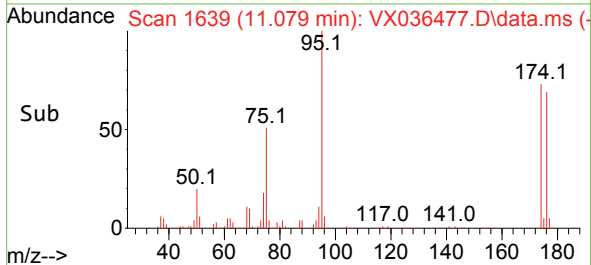
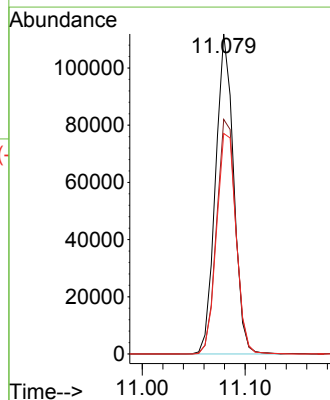
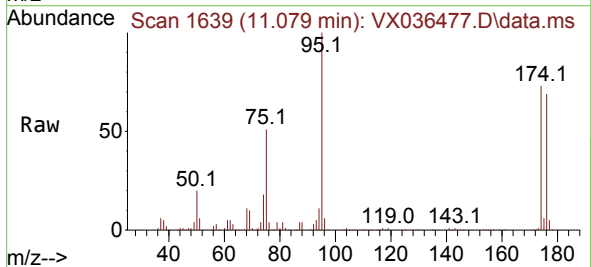
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

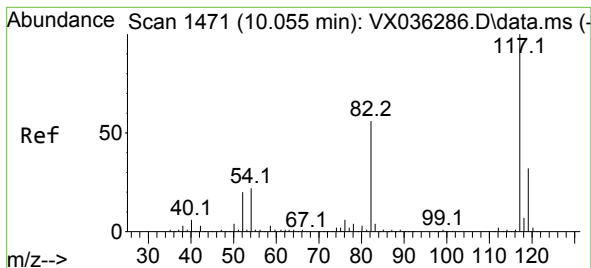
Tgt Ion:107 Resp: 46632  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 50.848 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 95 Resp: 136829  
Ion Ratio Lower Upper  
95 100  
174 77.3 0.0 135.6  
176 74.4 0.0 131.0

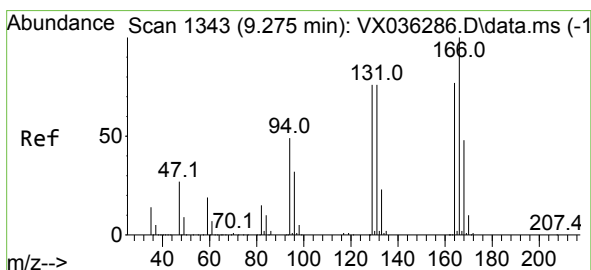
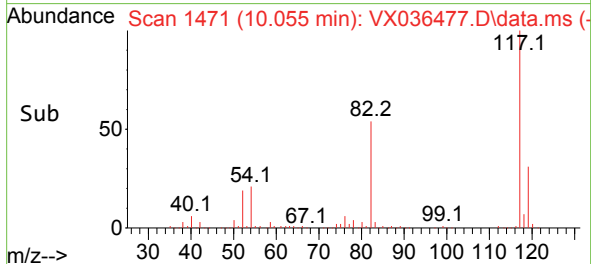
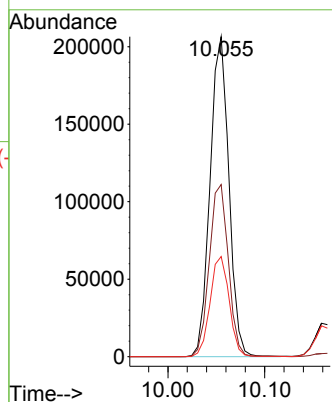
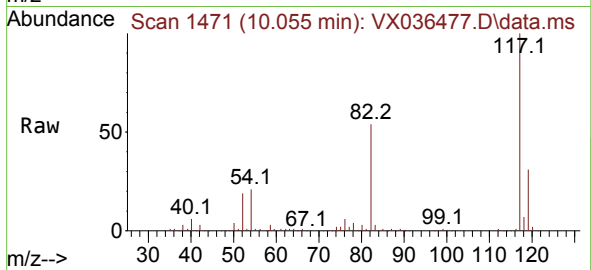




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

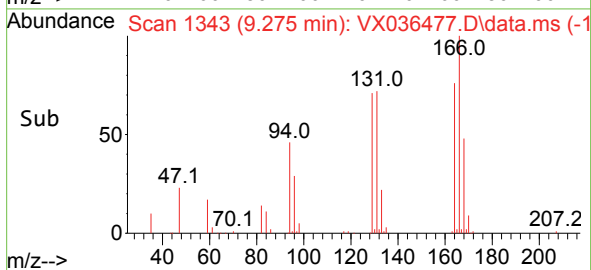
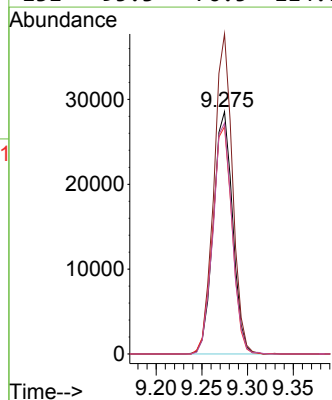
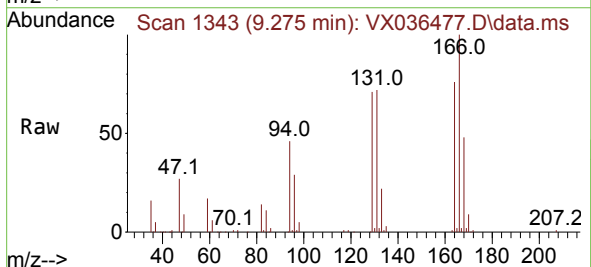
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

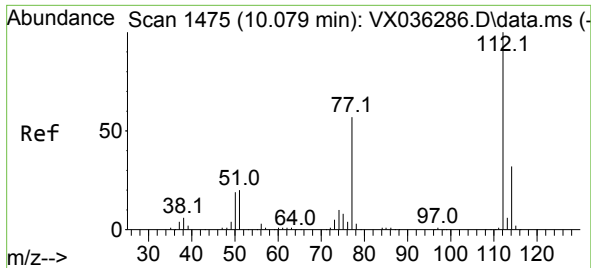
Tgt Ion:117 Resp: 279096  
Ion Ratio Lower Upper  
117 100  
82 53.8 46.2 69.4  
119 31.3 25.5 38.3



#64  
Tetrachloroethene  
Concen: 21.187 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.001 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion:164 Resp: 41753  
Ion Ratio Lower Upper  
164 100  
166 132.1 102.7 154.1  
129 93.8 80.4 120.6  
131 95.3 76.5 114.7

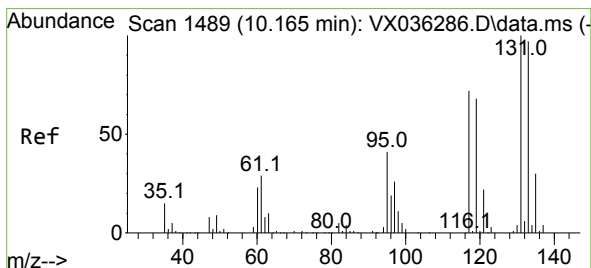
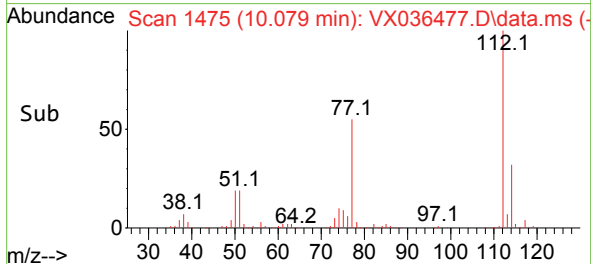
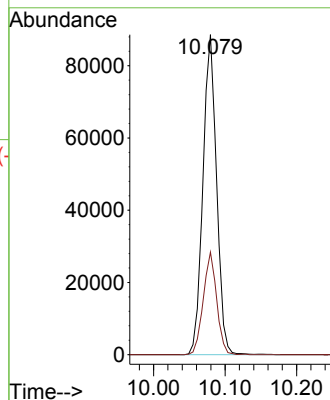
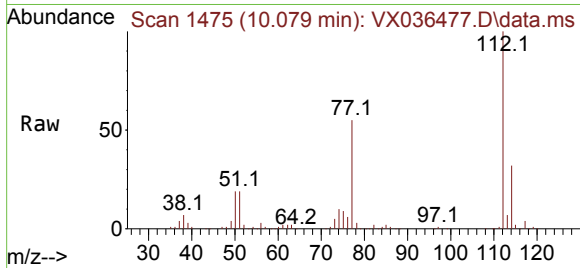




#65  
Chlorobenzene  
Concen: 20.006 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

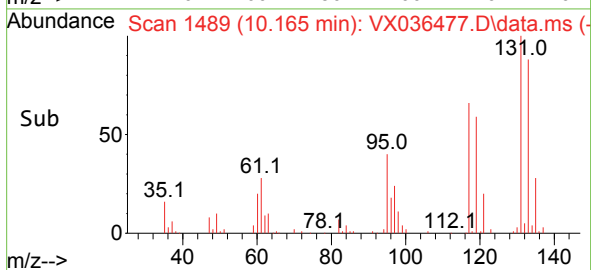
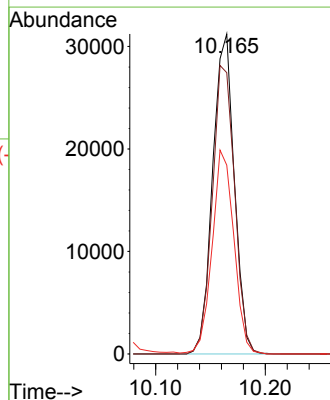
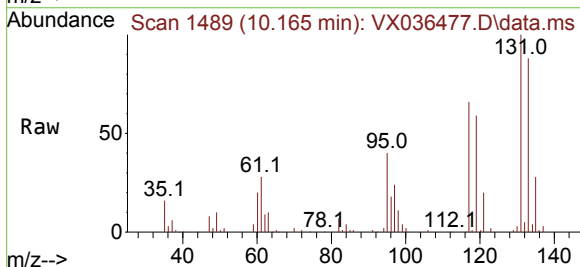
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

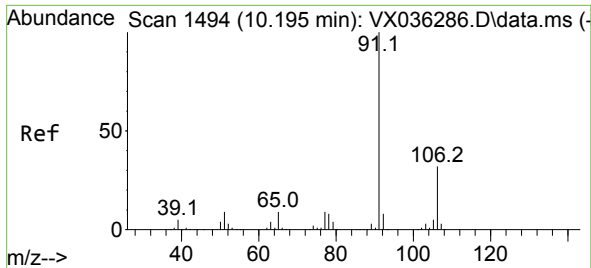
Tgt Ion:112 Resp: 117377  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.558 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion:131 Resp: 42751  
Ion Ratio Lower Upper  
131 100  
133 93.3 47.1 141.4  
119 64.2 32.2 96.6

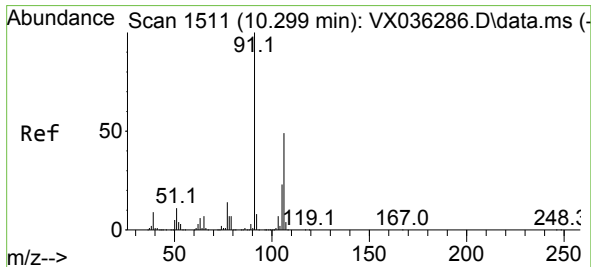
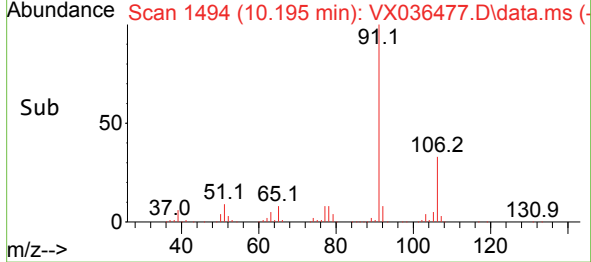
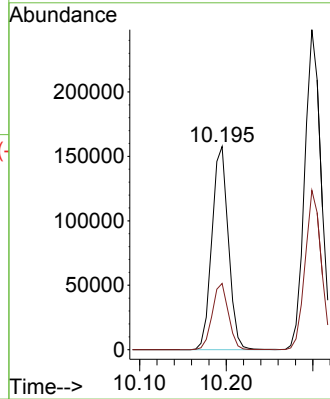
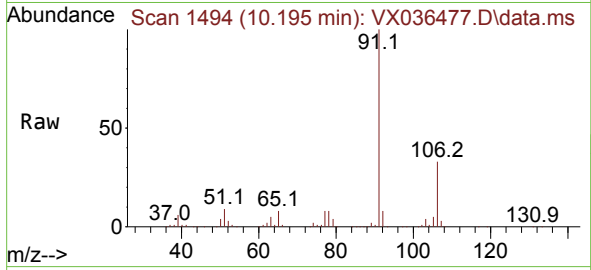




#67  
Ethyl Benzene  
Concen: 19.909 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

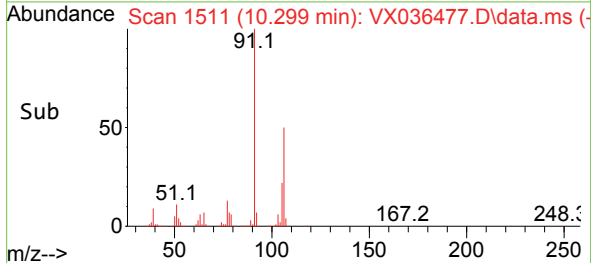
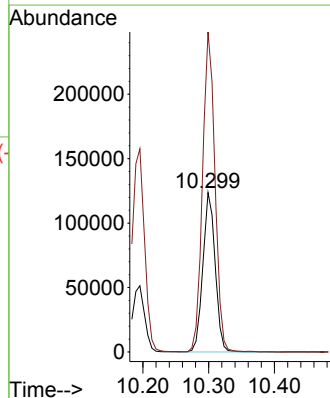
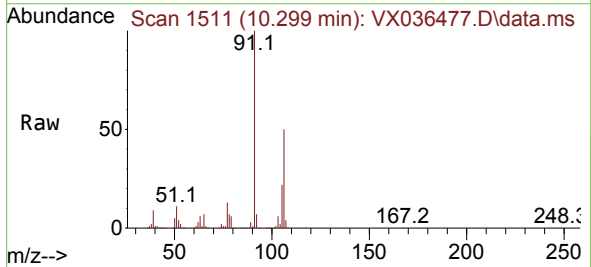
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

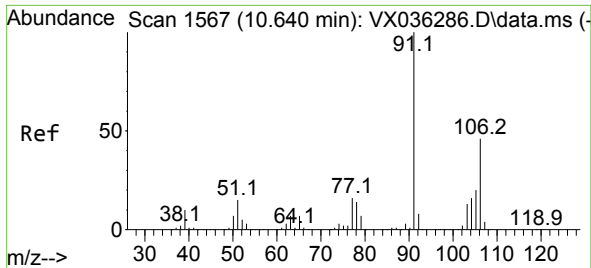
Tgt Ion: 91 Resp: 207661  
Ion Ratio Lower Upper  
91 100  
106 32.6 24.9 37.3



#68  
m/p-Xylenes  
Concen: 39.731 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 106 Resp: 161004  
Ion Ratio Lower Upper  
106 100  
91 203.2 165.5 248.3

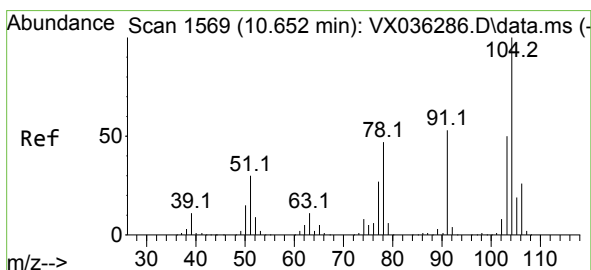
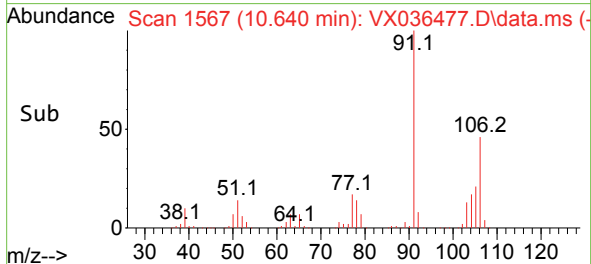
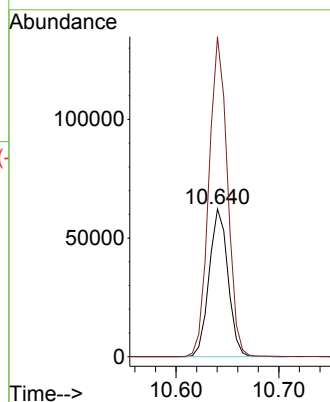
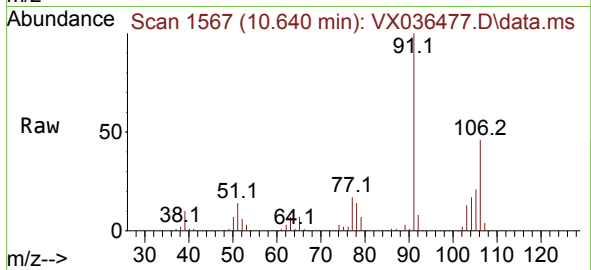




#69  
o-Xylene  
Concen: 20.241 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

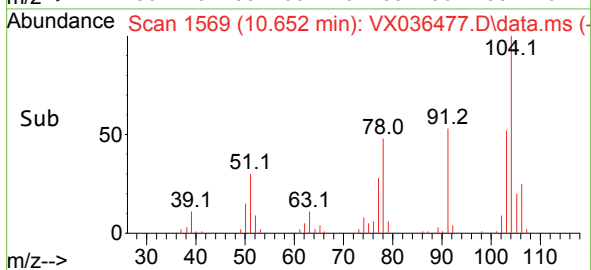
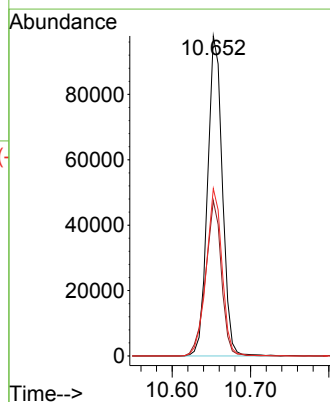
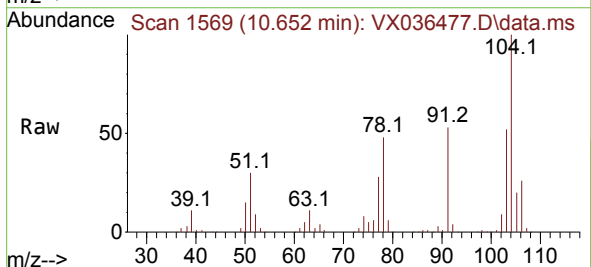
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

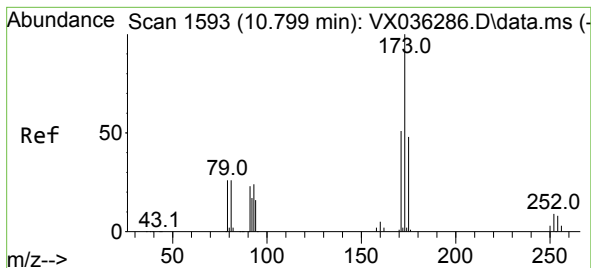
Tgt Ion:106 Resp: 79209  
Ion Ratio Lower Upper  
106 100  
91 213.7 108.9 326.8



#70  
Styrene  
Concen: 20.032 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion:104 Resp: 128352  
Ion Ratio Lower Upper  
104 100  
78 51.8 43.6 65.4  
103 55.8 43.6 65.4





#71

Bromoform

Concen: 21.607 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0710WBS01

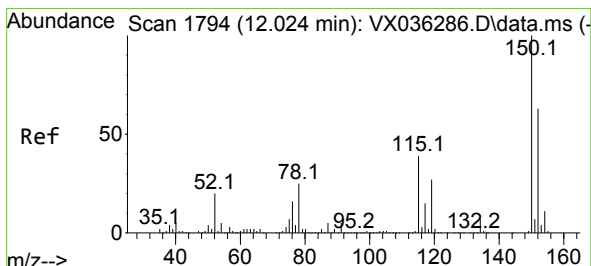
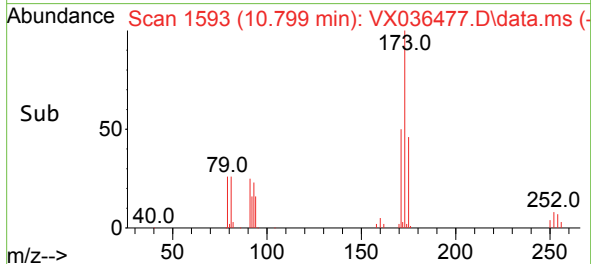
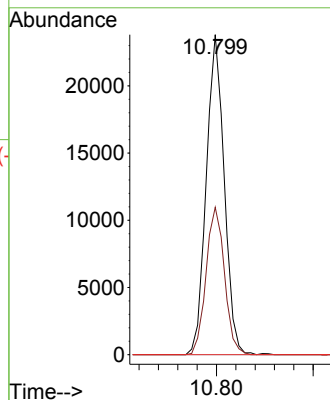
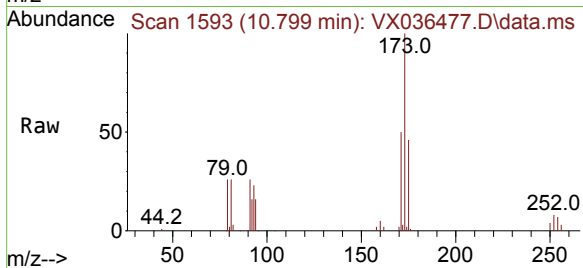
Tgt Ion:173 Resp: 30734

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: VX036477.D

Acq: 10 Jul 2023 12:59

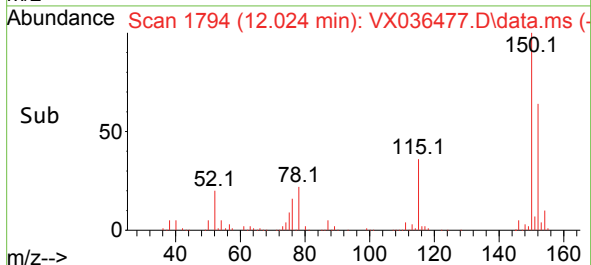
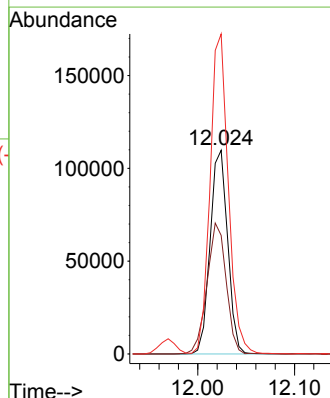
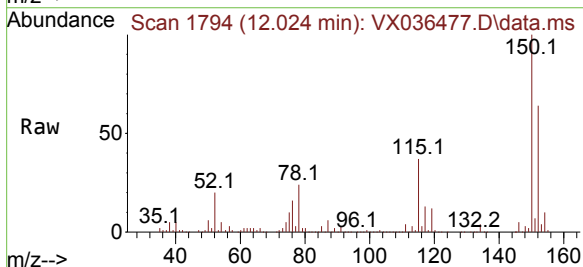
Tgt Ion:152 Resp: 138316

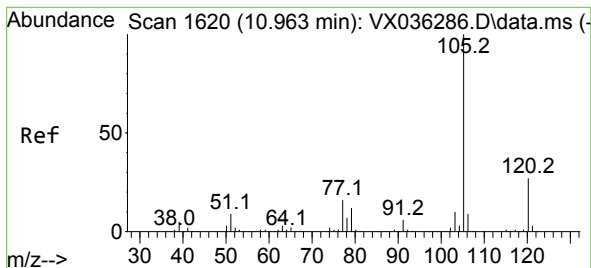
Ion Ratio Lower Upper

152 100

115 70.4 43.3 129.9

150 163.7 0.0 345.0





#73

Isopropylbenzene

Concen: 20.101 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

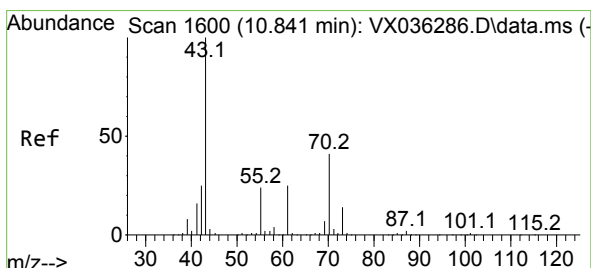
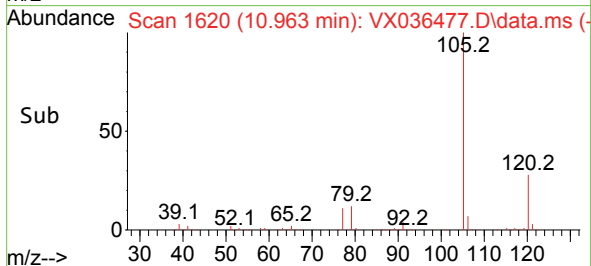
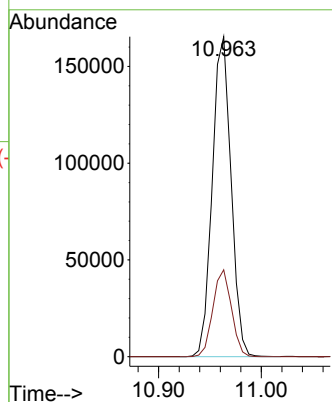
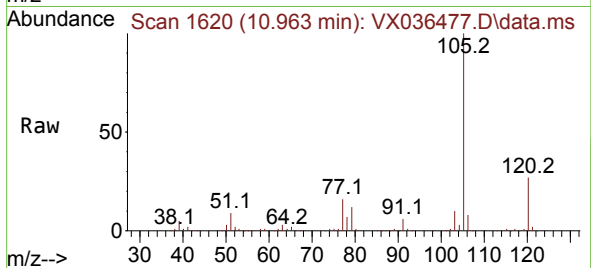
VX0710WBS01

Tgt Ion:105 Resp: 209530

Ion Ratio Lower Upper

105 100

120 26.8 12.9 38.6



#74

N-ethyl acetate

Concen: 21.404 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Tgt Ion: 43 Resp: 88247

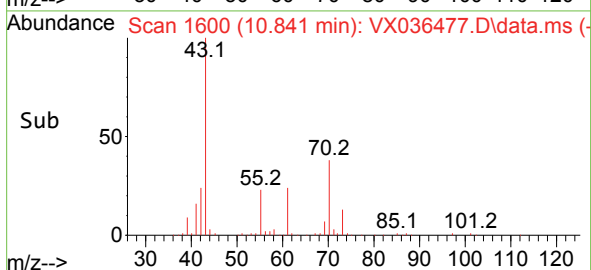
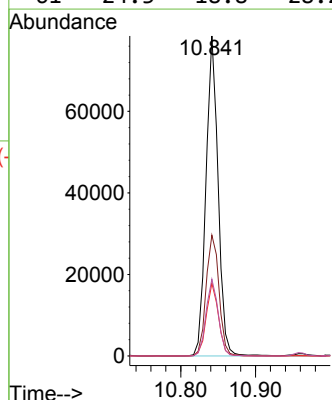
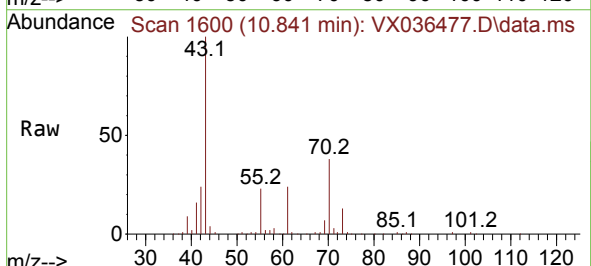
Ion Ratio Lower Upper

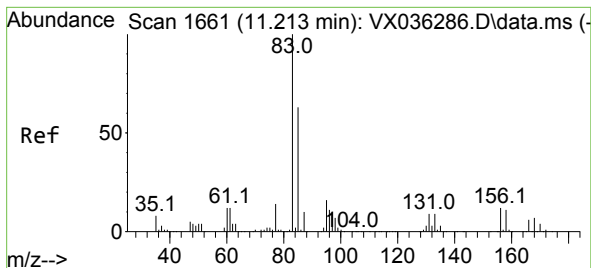
43 100

70 40.3 32.9 49.3

55 22.8 19.3 28.9

61 24.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.727 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0710WBS01

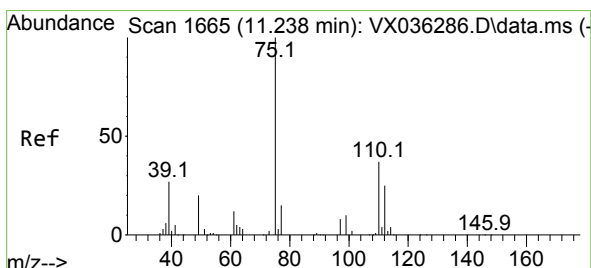
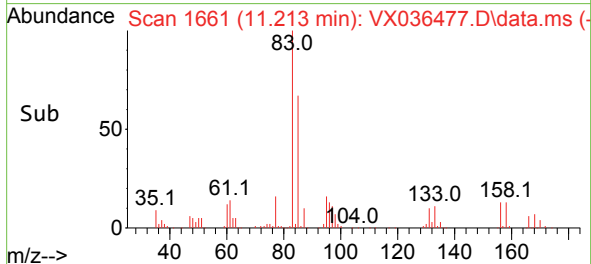
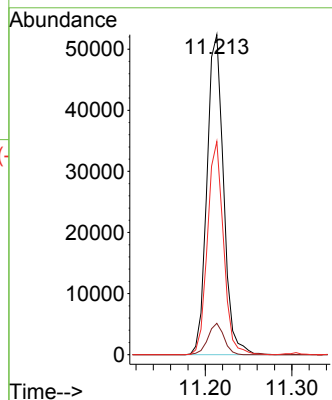
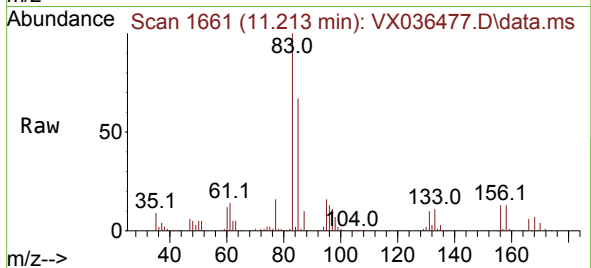
Tgt Ion: 83 Resp: 69632

Ion Ratio Lower Upper

83 100

131 9.5 5.3 15.8

85 64.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 25.261 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX036477.D

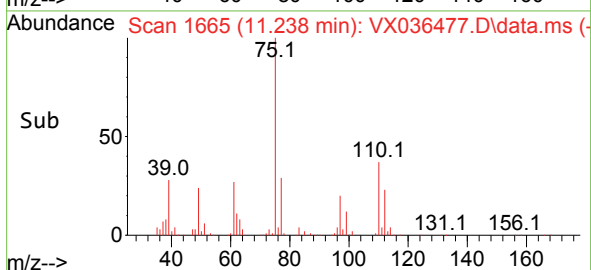
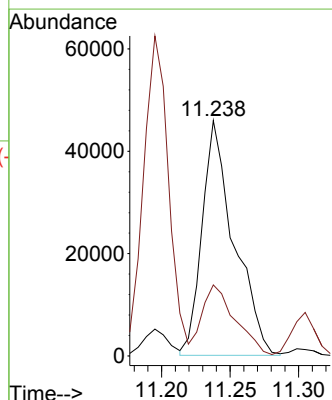
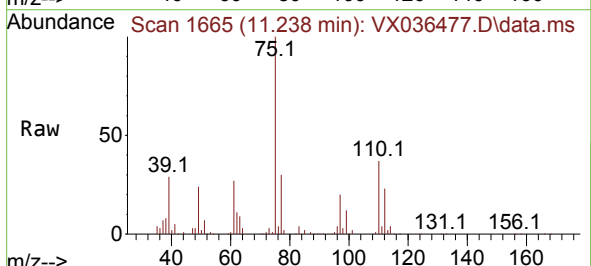
Acq: 10 Jul 2023 12:59

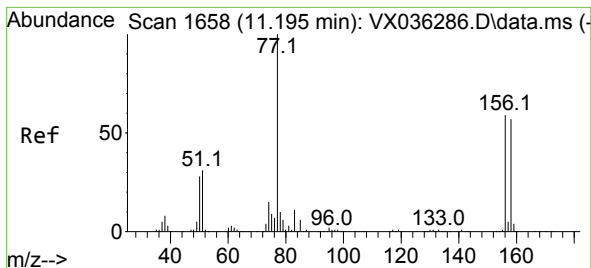
Tgt Ion: 75 Resp: 74529

Ion Ratio Lower Upper

75 100

77 31.5 19.1 57.5





#77

Bromobenzene

Concen: 19.532 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0710WBS01

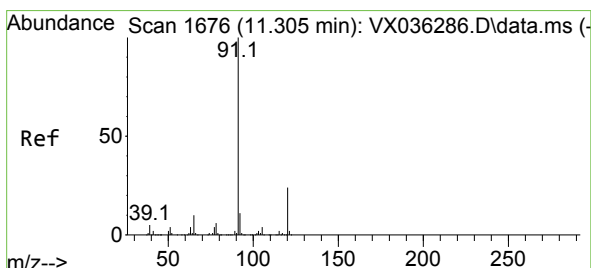
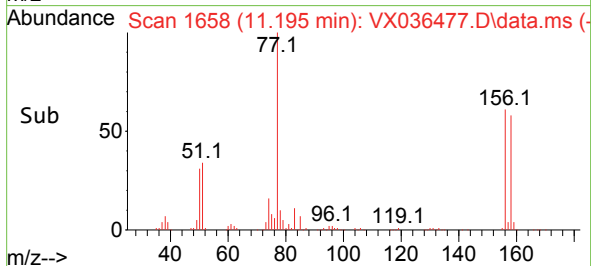
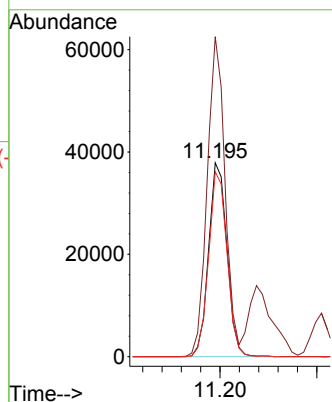
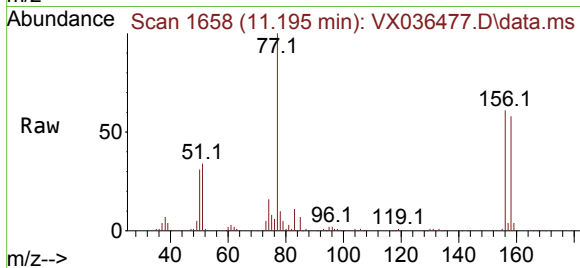
Tgt Ion:156 Resp: 50063

Ion Ratio Lower Upper

156 100

77 160.1 88.4 265.3

158 95.4 48.0 144.0



#78

n-propylbenzene

Concen: 19.969 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036477.D

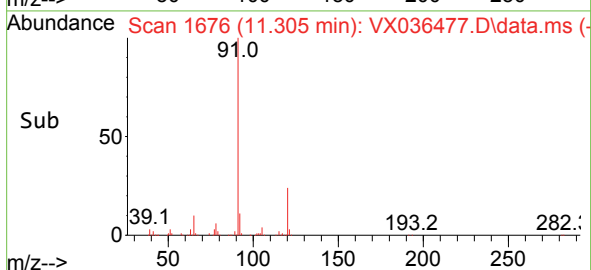
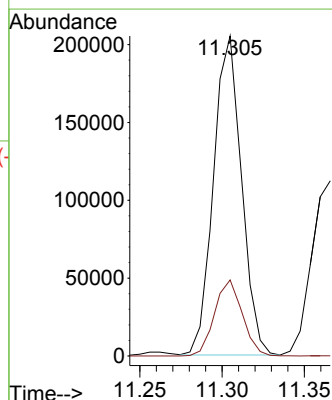
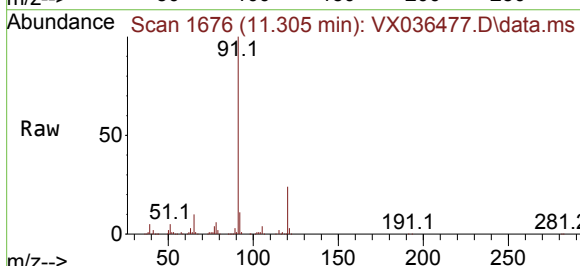
Acq: 10 Jul 2023 12:59

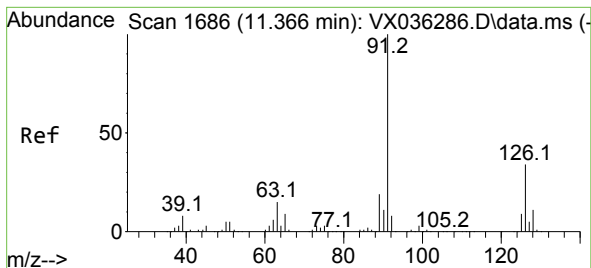
Tgt Ion: 91 Resp: 243095

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.616 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

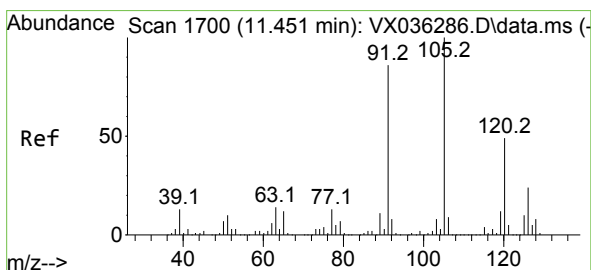
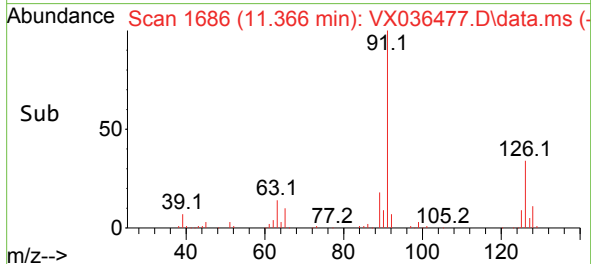
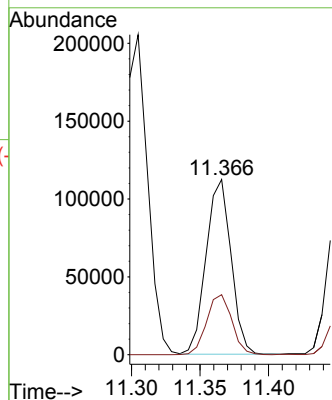
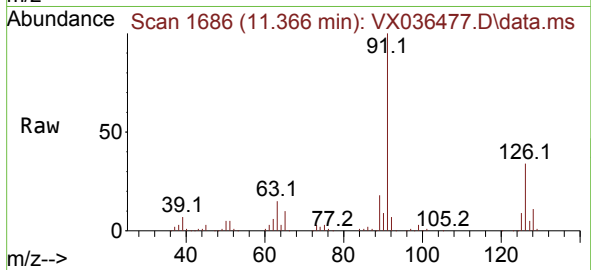
VX0710WBS01

Tgt Ion: 91 Resp: 142053

Ion Ratio Lower Upper

91 100

126 34.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.818 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036477.D

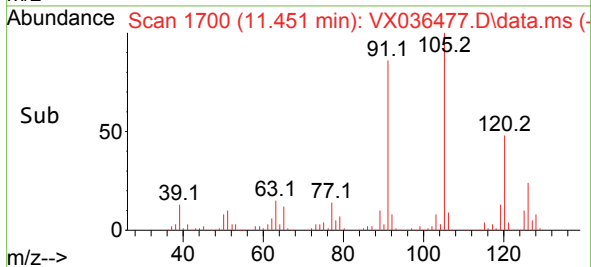
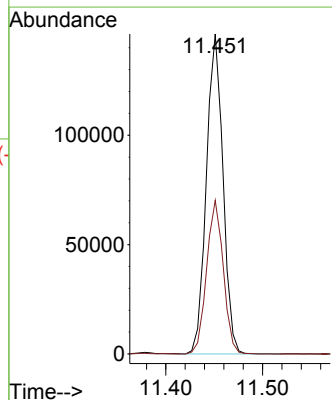
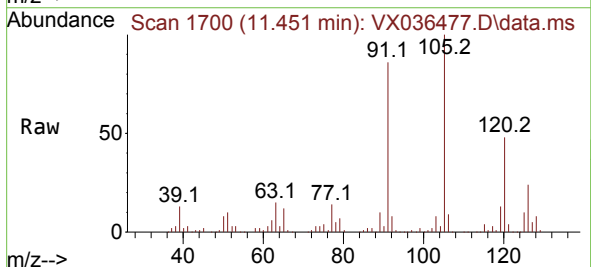
Acq: 10 Jul 2023 12:59

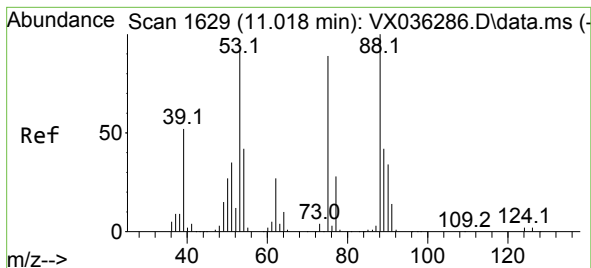
Tgt Ion: 105 Resp: 174942

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3

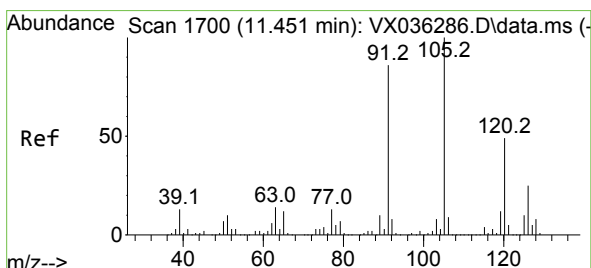
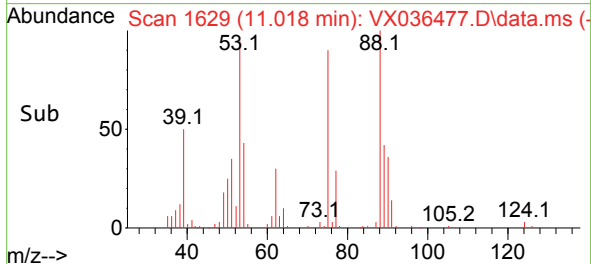
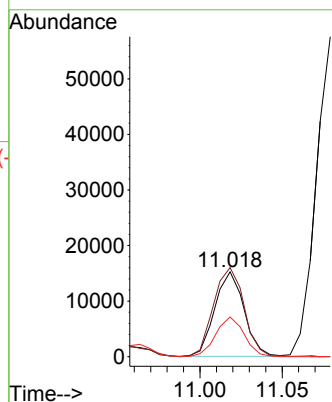
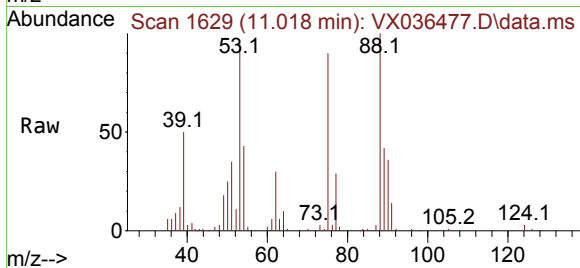




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.793 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

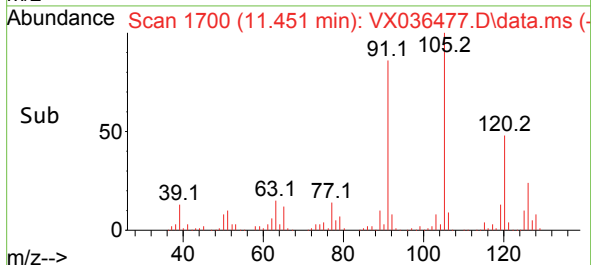
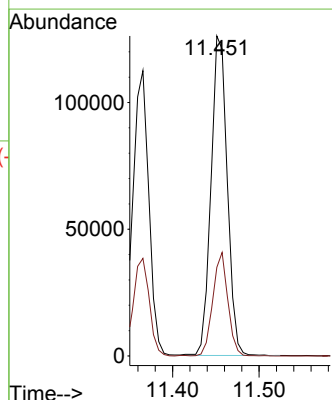
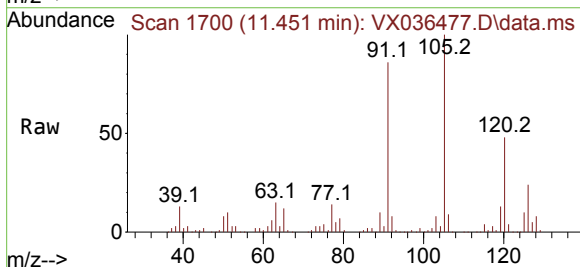
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01

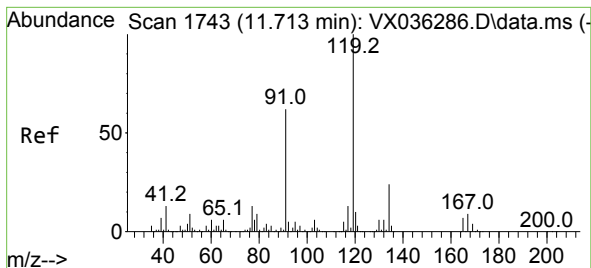
Tgt Ion: 75 Resp: 18819  
Ion Ratio Lower Upper  
75 100  
53 109.8 90.5 135.7  
89 45.6 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 19.481 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

Tgt Ion: 91 Resp: 164240  
Ion Ratio Lower Upper  
91 100  
126 30.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.174 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0710WBS01

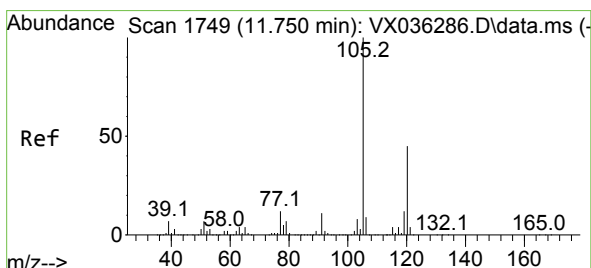
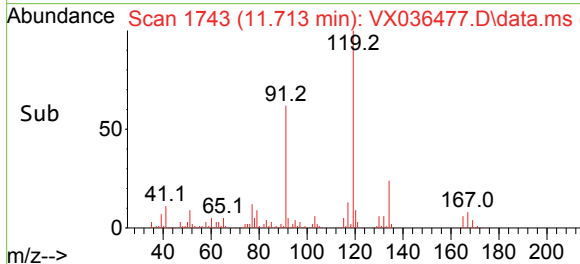
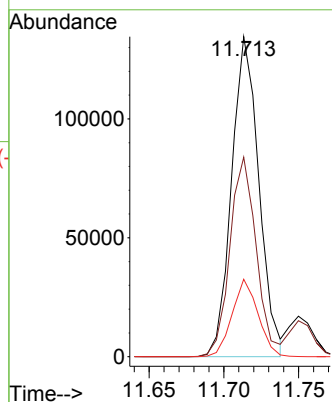
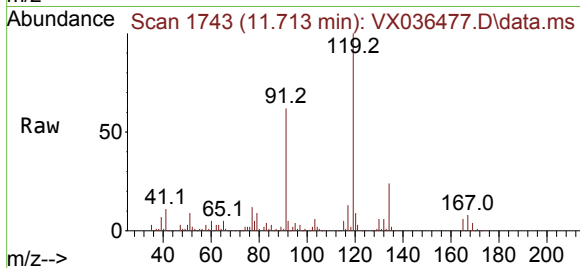
Tgt Ion:119 Resp: 170671

Ion Ratio Lower Upper

119 100

91 60.4 31.2 93.6

134 23.1 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 20.142 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036477.D

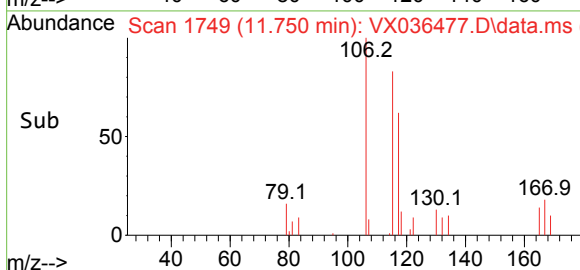
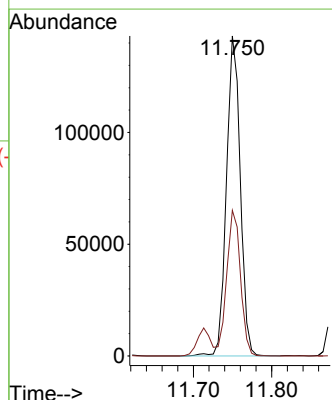
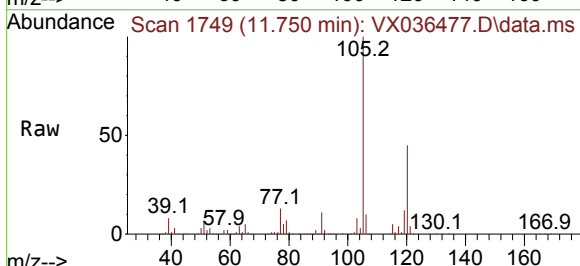
Acq: 10 Jul 2023 12:59

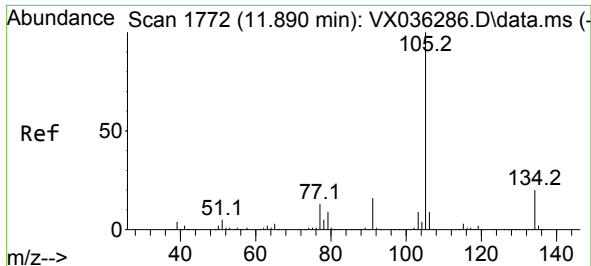
Tgt Ion:105 Resp: 175911

Ion Ratio Lower Upper

105 100

120 45.7 21.2 63.6

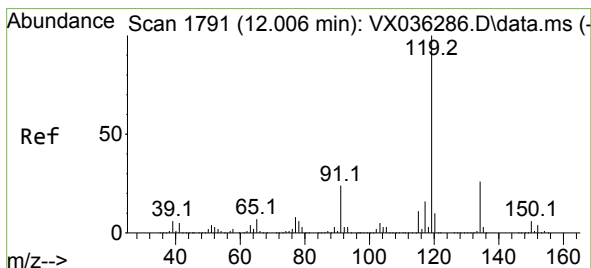
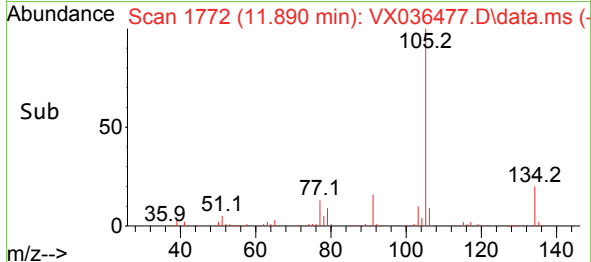
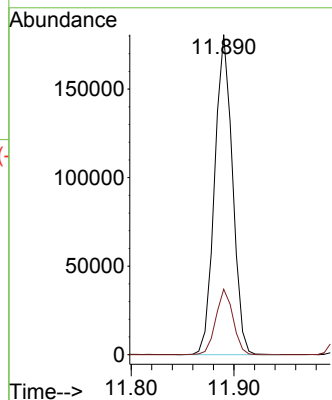
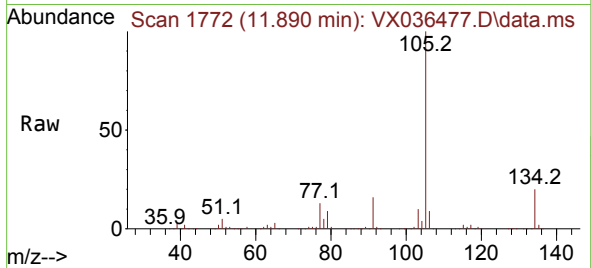




#85  
 sec-Butylbenzene  
 Concen: 20.291 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX036477.D  
 Acq: 10 Jul 2023 12:59

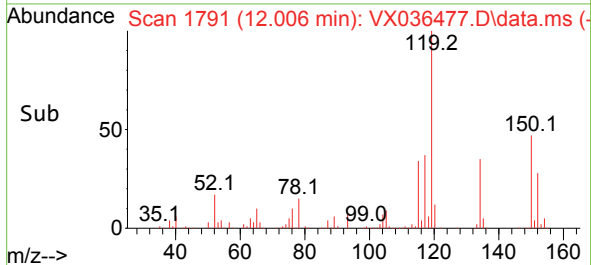
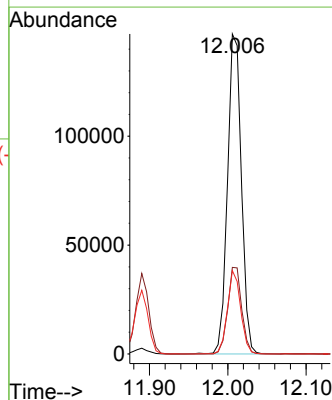
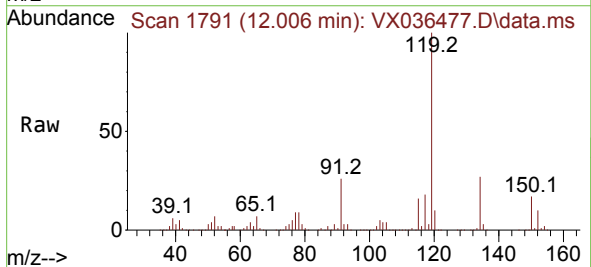
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0710WBS01

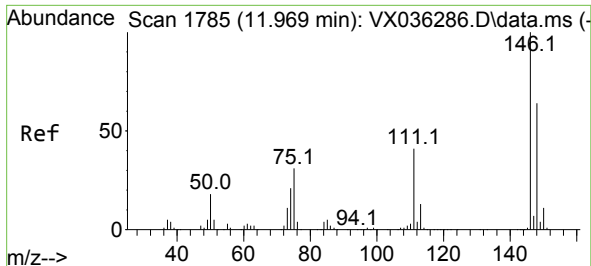
Tgt Ion:105 Resp: 217470  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 20.208 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX036477.D  
 Acq: 10 Jul 2023 12:59

Tgt Ion:119 Resp: 181763  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 12.8 38.3  
 91 24.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.776 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0710WBS01

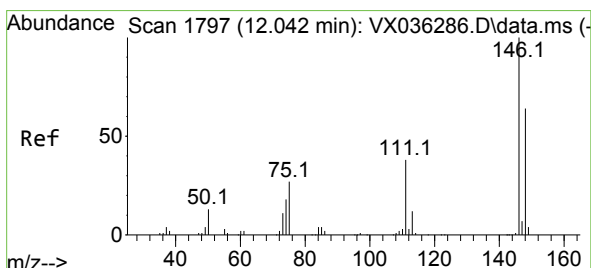
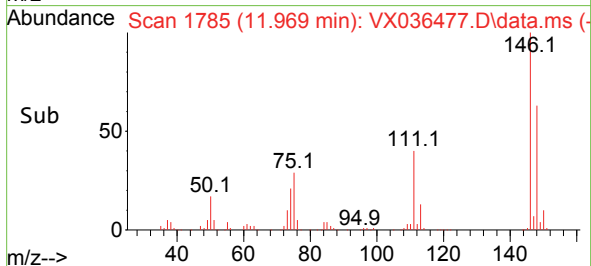
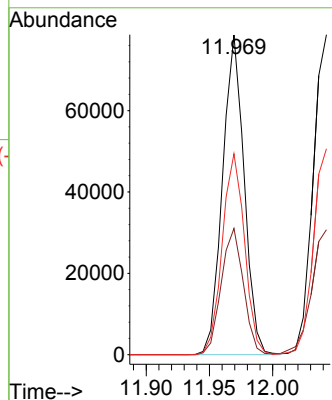
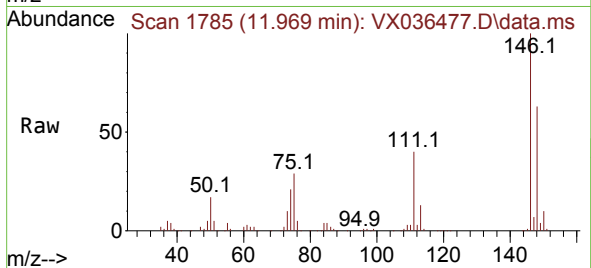
Tgt Ion:146 Resp: 93191

Ion Ratio Lower Upper

146 100

111 40.6 22.1 66.1

148 64.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.851 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

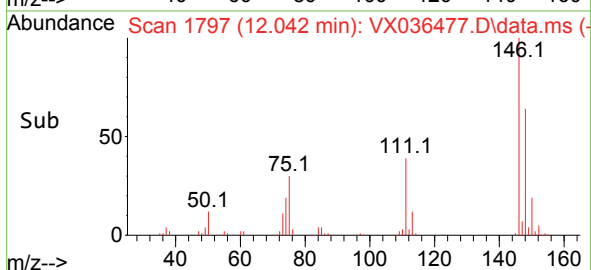
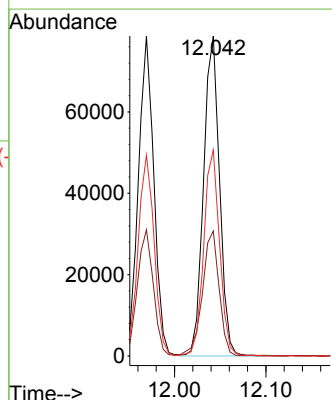
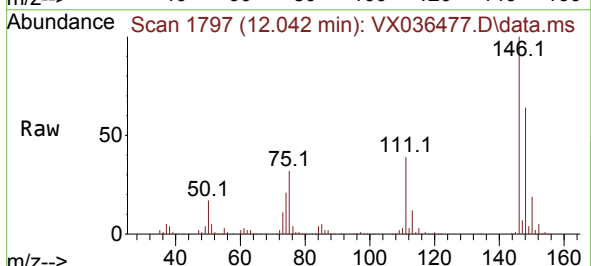
Tgt Ion:146 Resp: 95255

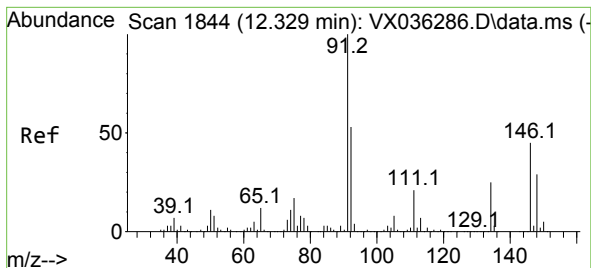
Ion Ratio Lower Upper

146 100

111 40.9 21.3 63.7

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 20.256 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0710WBS01

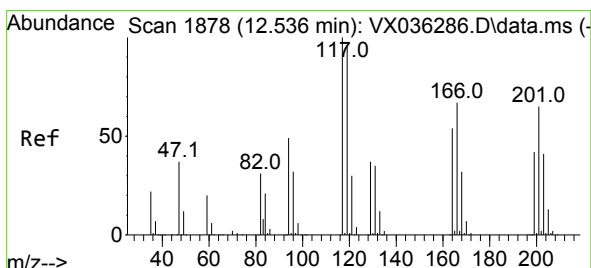
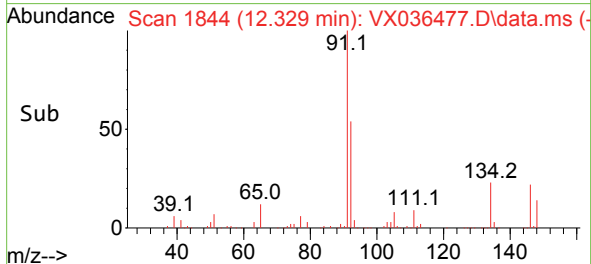
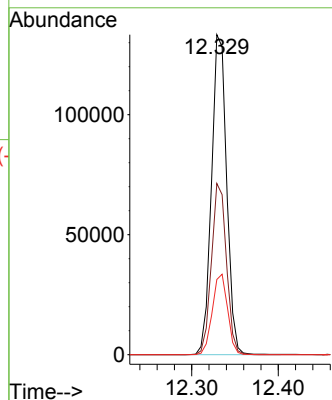
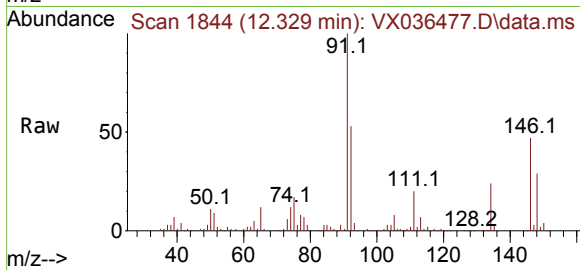
Tgt Ion: 91 Resp: 162142

Ion Ratio Lower Upper

91 100

92 52.9 27.4 82.0

134 25.4 12.6 37.8



#90

Hexachloroethane

Concen: 20.232 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036477.D

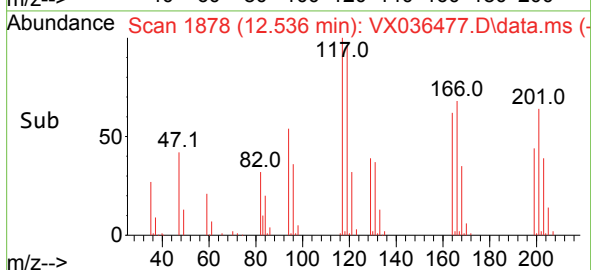
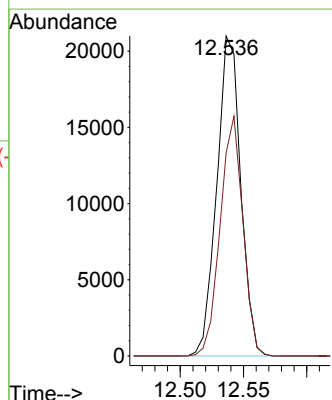
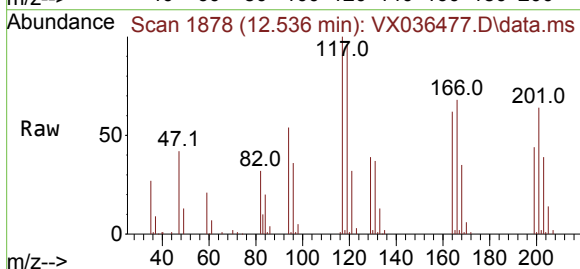
Acq: 10 Jul 2023 12:59

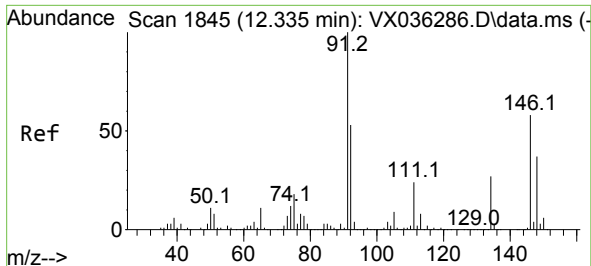
Tgt Ion: 117 Resp: 27562

Ion Ratio Lower Upper

117 100

201 71.1 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 20.239 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0710WBS01

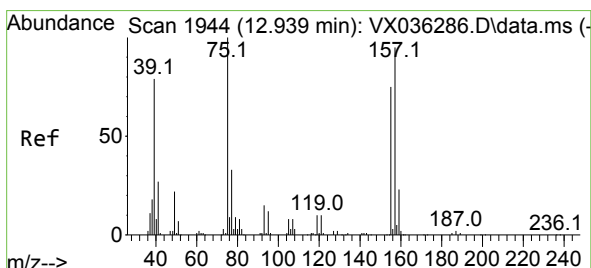
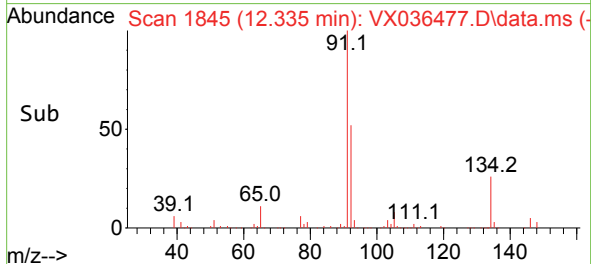
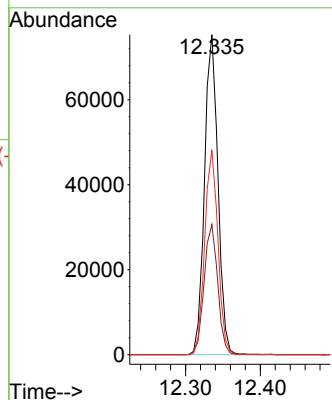
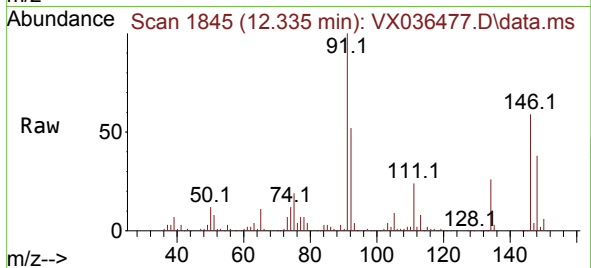
Tgt Ion:146 Resp: 93910

Ion Ratio Lower Upper

146 100

111 41.3 22.4 67.0

148 63.0 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.814 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

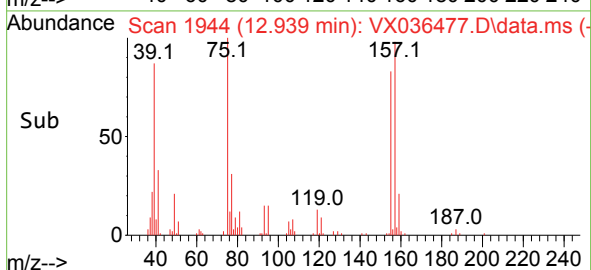
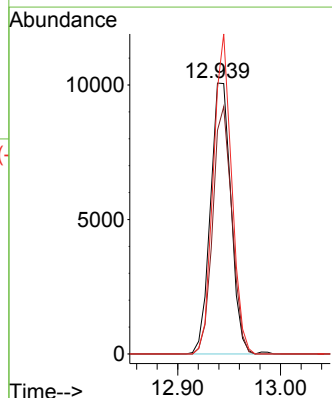
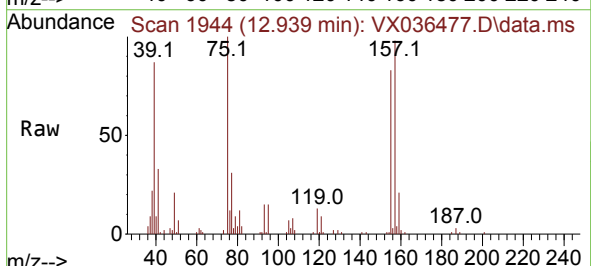
Tgt Ion: 75 Resp: 13955

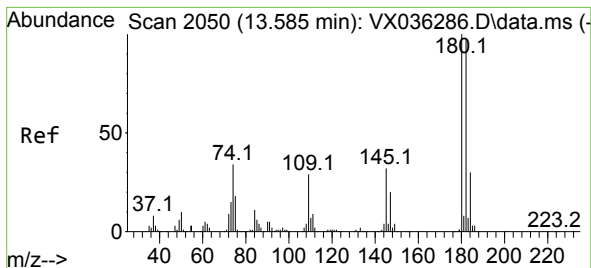
Ion Ratio Lower Upper

75 100

155 85.0 36.1 108.5

157 105.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 20.592 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

Instrument :

MSVOA\_X

ClientSampleId :

VX0710WBS01

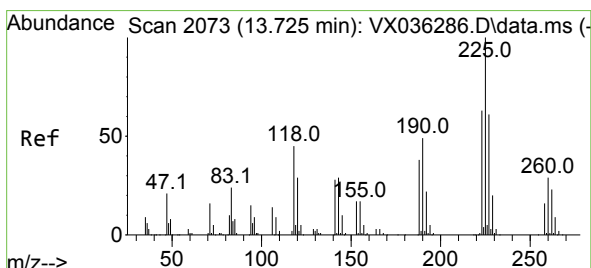
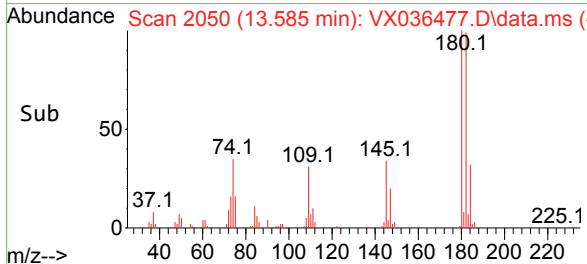
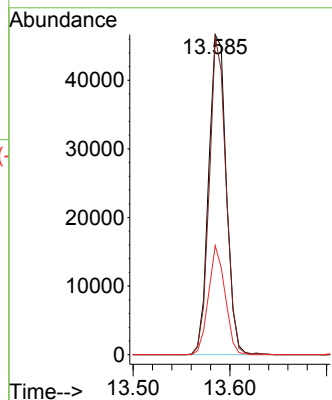
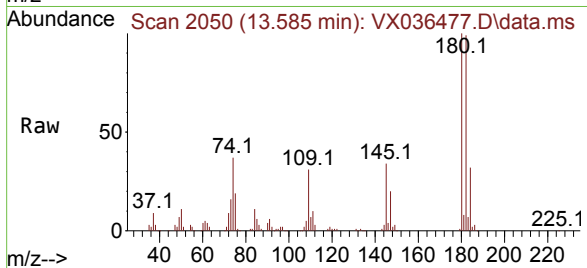
Tgt Ion:180 Resp: 58854

Ion Ratio Lower Upper

180 100

182 94.4 48.3 144.8

145 32.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 20.983 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036477.D

Acq: 10 Jul 2023 12:59

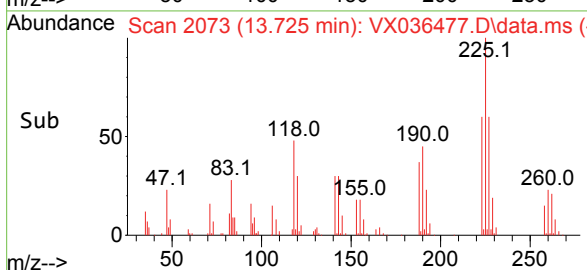
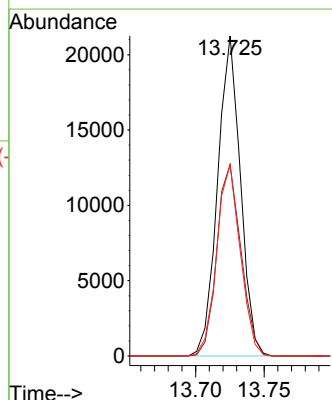
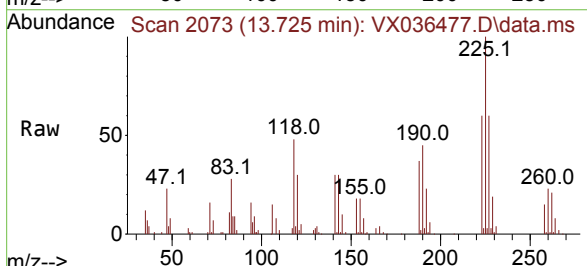
Tgt Ion:225 Resp: 24561

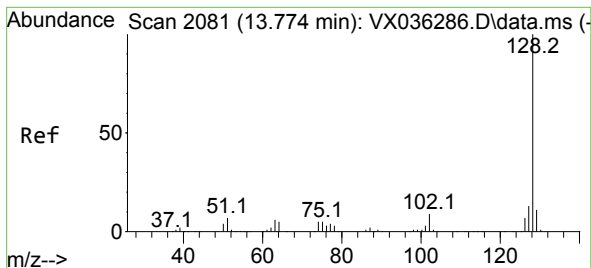
Ion Ratio Lower Upper

225 100

223 63.1 31.1 93.2

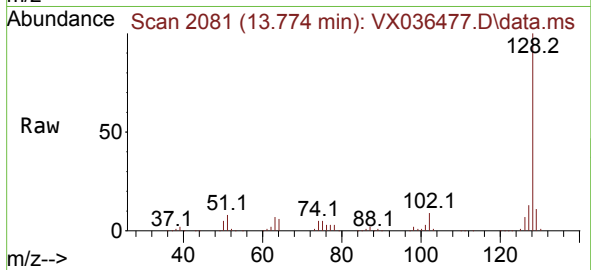
227 61.6 32.5 97.5



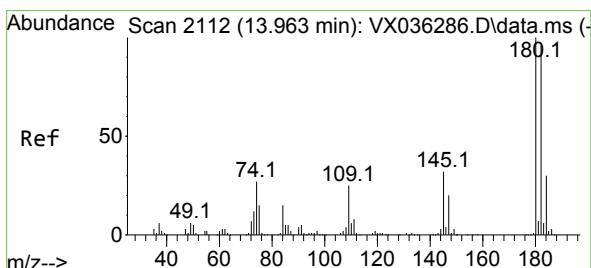
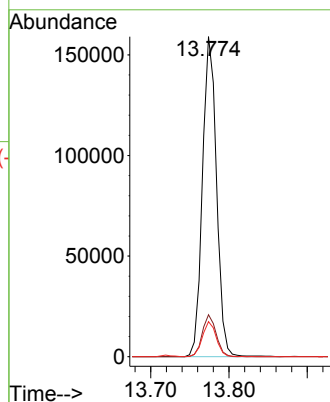
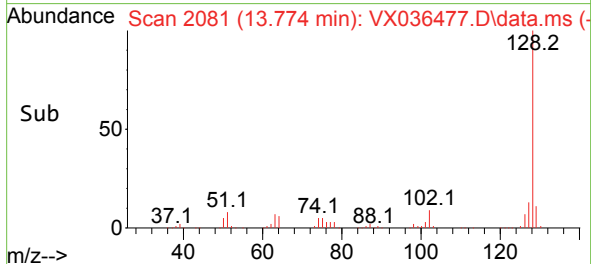


#95  
Naphthalene  
Concen: 20.979 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59

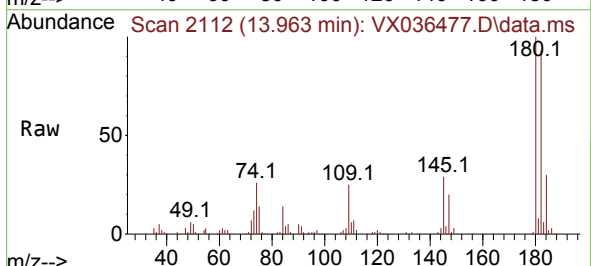
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0710WBS01



Tgt Ion:128 Resp: 198086  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 10.9 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 21.862 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX036477.D  
Acq: 10 Jul 2023 12:59



Tgt Ion:180 Resp: 60949  
Ion Ratio Lower Upper  
180 100  
182 93.9 46.9 140.6  
145 32.1 17.8 53.5

