

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031323\  
 Data File : VN076953.D  
 Acq On : 13 Mar 2023 11:32  
 Operator : JC\MD  
 Sample : VN0313WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0313WBS01

Quant Time: Mar 14 06:59:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 10 13:47:39 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 8.231  | 168   | 400282   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.107  | 114   | 671732   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.866 | 117   | 597563   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.795 | 152   | 279600   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.584  | 65    | 299272   | 50.102   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | = 100.200% |          |
| 35) Dibromofluoromethane     | 8.172  | 113   | 225229   | 50.309   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 100.620% |          |
| 50) Toluene-d8               | 10.572 | 98    | 854921   | 51.815   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | = 103.640% |          |
| 62) 4-Bromofluorobenzene     | 12.848 | 95    | 327249   | 54.226   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 108.460% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.143  | 85    | 145971   | 20.246   | ug/l       | 98       |
| 3) Chloromethane             | 2.378  | 50    | 61760    | 15.830   | ug/l       | 98       |
| 4) Vinyl Chloride            | 2.531  | 62    | 63643    | 17.574   | ug/l       | 97       |
| 5) Bromomethane              | 2.966  | 94    | 49484    | 18.576   | ug/l       | 89       |
| 6) Chloroethane              | 3.131  | 64    | 39609    | 17.229   | ug/l       | 98       |
| 7) Trichlorofluoromethane    | 3.513  | 101   | 176912   | 18.827   | ug/l       | 95       |
| 8) Diethyl Ether             | 3.978  | 74    | 54274    | 17.952   | ug/l       | 84       |
| 9) 1,1,2-Trichlorotrifluo... | 4.384  | 101   | 85488    | 17.807   | ug/l       | 98       |
| 10) Methyl Iodide            | 4.607  | 142   | 67869    | 13.507   | ug/l       | 89       |
| 11) Tert butyl alcohol       | 5.537  | 59    | 78076    | 93.960   | ug/l #     | 85       |
| 12) 1,1-Dichloroethene       | 4.360  | 96    | 80217    | 18.130   | ug/l       | 92       |
| 13) Acrolein                 | 4.196  | 56    | 71658    | 95.941   | ug/l       | 100      |
| 14) Allyl chloride           | 5.037  | 41    | 111848   | 17.621   | ug/l       | 89       |
| 15) Acrylonitrile            | 5.737  | 53    | 216121   | 92.029   | ug/l       | 99       |
| 16) Acetone                  | 4.443  | 43    | 206988   | 100.001  | ug/l       | 91       |
| 17) Carbon Disulfide         | 4.725  | 76    | 225745   | 18.419   | ug/l #     | 95       |
| 18) Methyl Acetate           | 5.037  | 43    | 133052   | 17.430   | ug/l       | 92       |
| 19) Methyl tert-butyl Ether  | 5.807  | 73    | 303321   | 19.280   | ug/l       | 99       |
| 20) Methylene Chloride       | 5.290  | 84    | 90183    | 16.945   | ug/l #     | 86       |
| 21) trans-1,2-Dichloroethene | 5.801  | 96    | 86793    | 18.504   | ug/l       | 95       |
| 22) Diisopropyl ether        | 6.690  | 45    | 257387   | 18.329   | ug/l       | 97       |
| 23) Vinyl Acetate            | 6.613  | 43    | 847908   | 98.051   | ug/l       | 96       |
| 24) 1,1-Dichloroethane       | 6.584  | 63    | 167590   | 18.684   | ug/l       | 96       |
| 25) 2-Butanone               | 7.490  | 43    | 285083   | 96.840   | ug/l       | 90       |
| 26) 2,2-Dichloropropane      | 7.495  | 77    | 155736   | 19.619   | ug/l       | 98       |
| 27) cis-1,2-Dichloroethene   | 7.501  | 96    | 103685   | 19.156   | ug/l       | 88       |
| 28) Bromochloromethane       | 7.825  | 49    | 63719    | 19.638   | ug/l       | 90       |
| 29) Tetrahydrofuran          | 7.842  | 42    | 179497   | 98.372   | ug/l       | 89       |
| 30) Chloroform               | 7.972  | 83    | 185404   | 19.237   | ug/l       | 100      |
| 31) Cyclohexane              | 8.260  | 56    | 160532   | 18.731   | ug/l       | 88       |
| 32) 1,1,1-Trichloroethane    | 8.172  | 97    | 175676   | 19.442   | ug/l       | 95       |
| 36) 1,1-Dichloropropene      | 8.378  | 75    | 138078   | 19.942   | ug/l       | 95       |
| 37) Ethyl Acetate            | 7.572  | 43    | 111264   | 20.094   | ug/l       | 96       |
| 38) Carbon Tetrachloride     | 8.372  | 117   | 159853   | 19.726   | ug/l       | 94       |
| 39) Methylcyclohexane        | 9.607  | 83    | 166575   | 19.819   | ug/l #     | 88       |
| 40) Benzene                  | 8.613  | 78    | 398656   | 19.533   | ug/l       | 98       |

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 Sample : VN0313WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0313WBS01

Quant Time: Mar 14 06:59:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 10 13:47:39 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.790  | 41   | 62571    | 18.990  | ug/l   | 89       |
| 42) 1,2-Dichloroethane        | 8.678  | 62   | 147080   | 18.476  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.695  | 43   | 191977   | 19.640  | ug/l   | 94       |
| 44) Trichloroethene           | 9.360  | 130  | 100773   | 19.106  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.625  | 63   | 98631    | 19.642  | ug/l   | 95       |
| 46) Dibromomethane            | 9.713  | 93   | 68175    | 19.440  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.889  | 83   | 147668   | 19.848  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.684  | 41   | 94640    | 19.761  | ug/l # | 84       |
| 49) 1,4-Dioxane               | 9.701  | 88   | 37099    | 409.095 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.448 | 43   | 594409   | 101.231 | ug/l   | 94       |
| 52) Toluene                   | 10.631 | 92   | 257543   | 20.503  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.836 | 75   | 153199   | 20.654  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.313 | 75   | 164937   | 20.248  | ug/l # | 93       |
| 55) 1,1,2-Trichloroethane     | 11.019 | 97   | 95127    | 19.464  | ug/l # | 90       |
| 56) Ethyl methacrylate        | 10.878 | 69   | 151622   | 20.454  | ug/l # | 88       |
| 57) 1,3-Dichloropropane       | 11.166 | 76   | 168301   | 19.529  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.166 | 63   | 245680   | 104.079 | ug/l   | 95       |
| 59) 2-Hexanone                | 11.195 | 43   | 441802   | 103.193 | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.360 | 129  | 110507   | 20.523  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.472 | 107  | 99614    | 20.336  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.107 | 164  | 92497    | 19.126  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.895 | 112  | 261034   | 19.529  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.966 | 131  | 104500   | 20.027  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.966 | 91   | 502301   | 20.437  | ug/l   | 96       |
| 68) m/p-Xylenes               | 12.072 | 106  | 368955   | 39.939  | ug/l   | 87       |
| 69) o-Xylene                  | 12.401 | 106  | 183124   | 20.419  | ug/l   | 83       |
| 70) Styrene                   | 12.413 | 104  | 300934   | 20.770  | ug/l   | 93       |
| 71) Bromoform                 | 12.583 | 173  | 78380    | 20.727  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.701 | 105  | 492043   | 19.750  | ug/l   | 96       |
| 74) N-amyl acetate            | 12.495 | 43   | 160954   | 19.512  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.942 | 83   | 142591   | 19.451  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.995 | 75   | 181674   | 26.801  | ug/l   | 62       |
| 77) Bromobenzene              | 12.983 | 156  | 109157   | 19.598  | ug/l   | 91       |
| 78) n-propylbenzene           | 13.036 | 91   | 552580   | 19.917  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.130 | 91   | 351795   | 19.554  | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 13.177 | 105  | 430065   | 20.264  | ug/l   | 93       |
| 81) trans-1,4-Dichloro-2-b... | 12.742 | 75   | 48689    | 23.462  | ug/l # | 90       |
| 82) 4-Chlorotoluene           | 13.224 | 91   | 336269   | 19.780  | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.442 | 119  | 361118   | 20.029  | ug/l   | 89       |
| 84) 1,2,4-Trimethylbenzene    | 13.483 | 105  | 423328   | 19.937  | ug/l   | 94       |
| 85) sec-Butylbenzene          | 13.619 | 105  | 508262   | 20.566  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.730 | 119  | 418509   | 20.970  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene       | 13.736 | 146  | 197021   | 19.409  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.813 | 146  | 193313   | 18.984  | ug/l   | 96       |
| 89) n-Butylbenzene            | 14.060 | 91   | 334833   | 20.105  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.336 | 117  | 78995    | 20.599  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene       | 14.107 | 146  | 195113   | 19.134  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.724 | 75   | 32364    | 19.996  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 15.395 | 180  | 112942   | 19.925  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.507 | 225  | 62704    | 20.763  | ug/l   | 97       |
| 95) Naphthalene               | 15.648 | 128  | 353357   | 20.939  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.842 | 180  | 112526   | 20.444  | ug/l   | 99       |

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Sample : VN0313WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

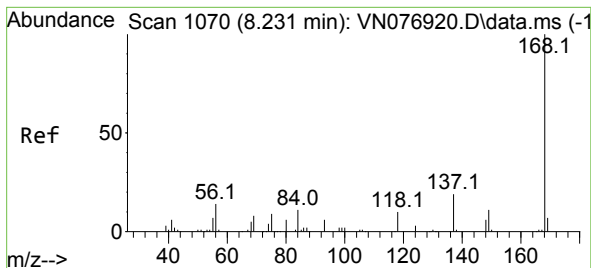
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

Quant Time: Mar 14 06:59:10 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031023W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 10 13:47:39 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: 8.231 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA\_N

ClientSampleId :

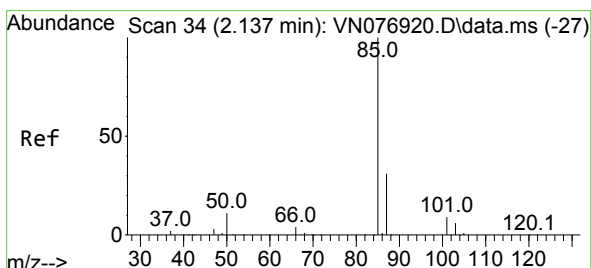
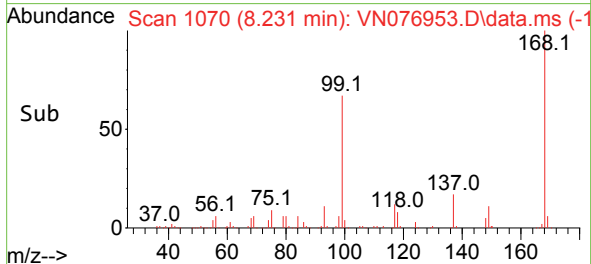
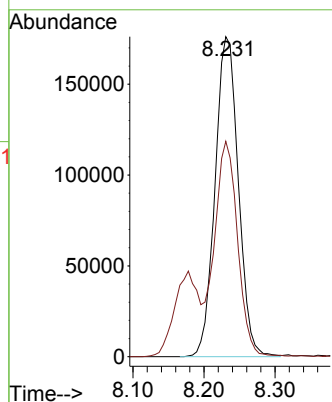
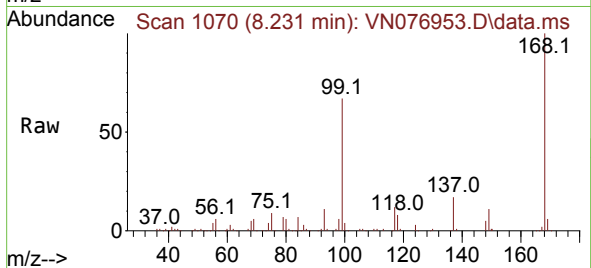
VN0313WBS01

Tgt Ion:168 Resp: 400282

Ion Ratio Lower Upper

168 100

99 66.8 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 20.246 ug/l

RT: 2.143 min Scan# 35

Delta R.T. 0.006 min

Lab File: VN076953.D

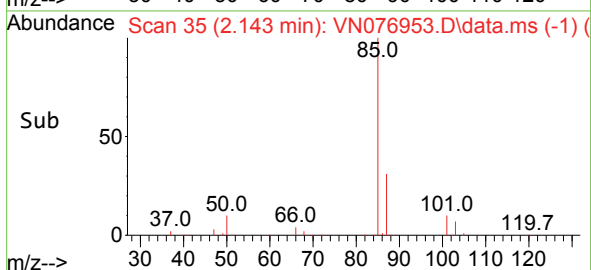
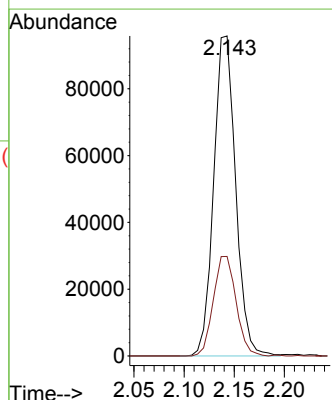
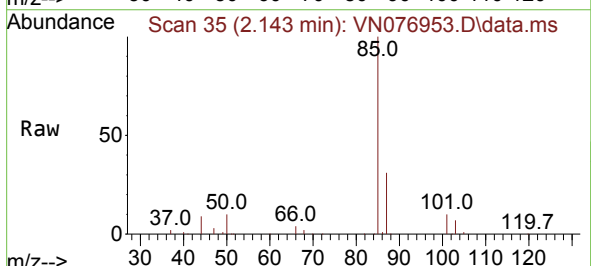
Acq: 13 Mar 2023 11:32

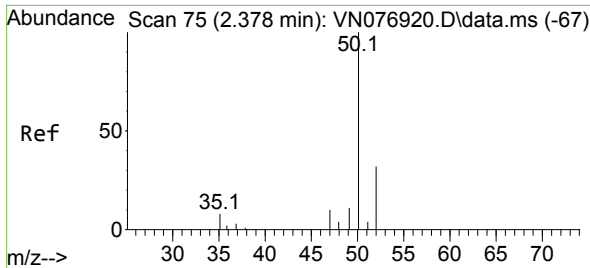
Tgt Ion: 85 Resp: 145971

Ion Ratio Lower Upper

85 100

87 31.1 16.2 48.6

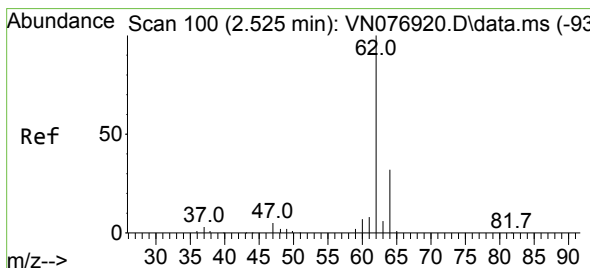
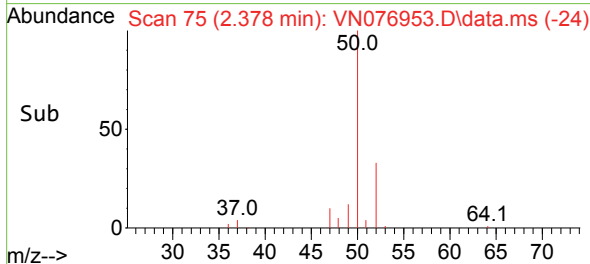
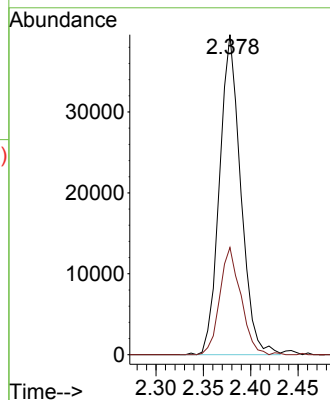
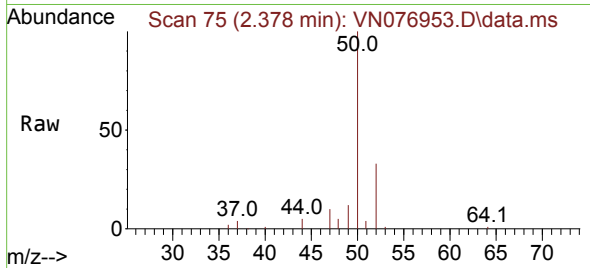




#3  
Chloromethane  
Concen: 15.830 ug/l  
RT: 2.378 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

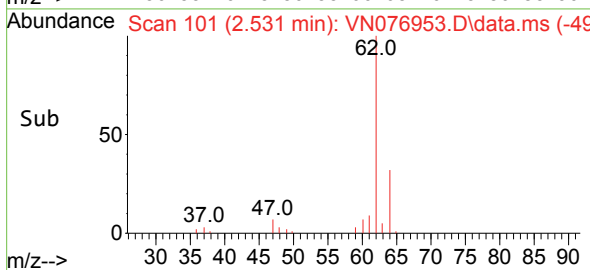
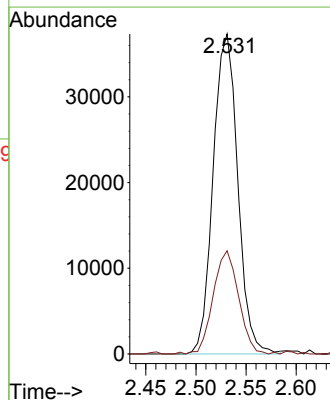
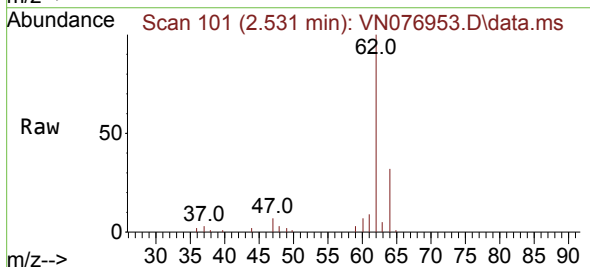
Instrument :  
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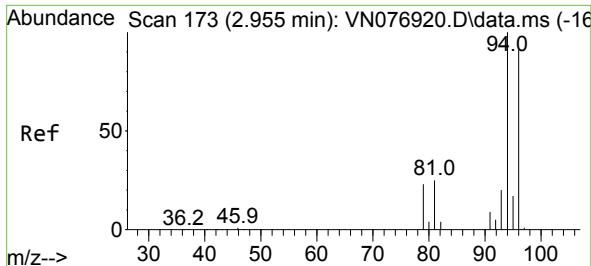
Tgt Ion: 50 Resp: 61760  
Ion Ratio Lower Upper  
50 100  
52 33.5 27.9 41.9



#4  
Vinyl Chloride  
Concen: 17.574 ug/l  
RT: 2.531 min Scan# 101  
Delta R.T. 0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 62 Resp: 63643  
Ion Ratio Lower Upper  
62 100  
64 32.2 24.5 36.7

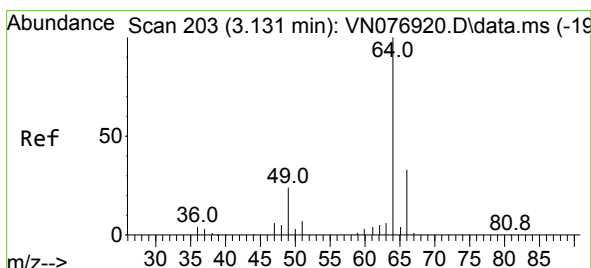
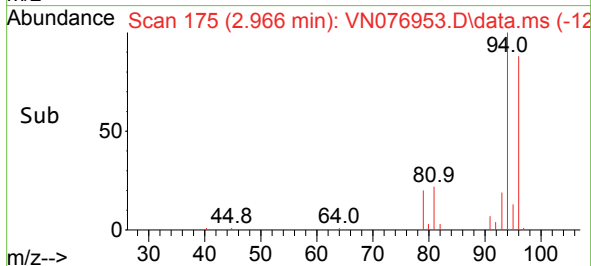
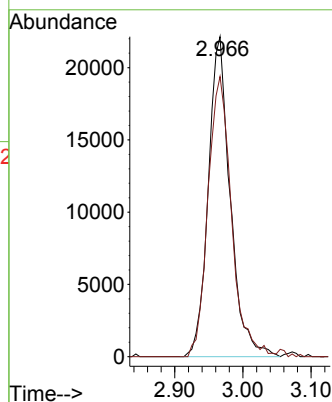
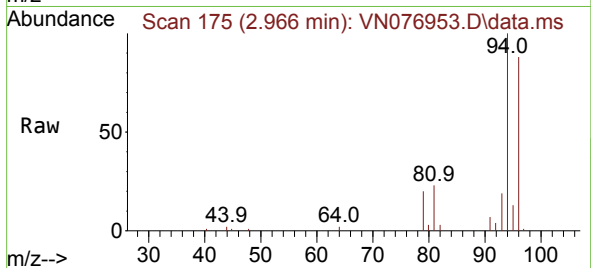




#5  
Bromomethane  
Concen: 18.576 ug/l  
RT: 2.966 min Scan# 173  
Delta R.T. 0.011 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

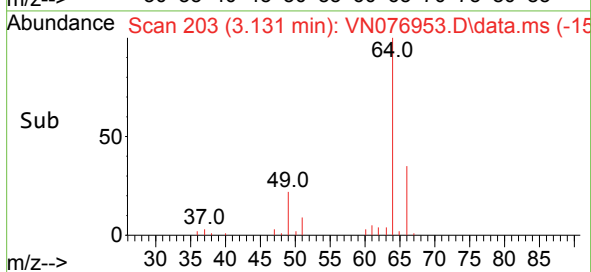
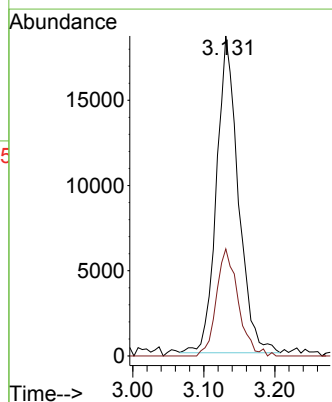
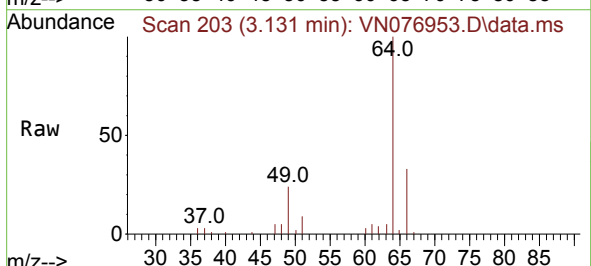
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

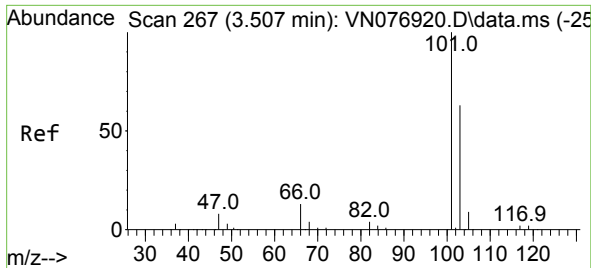
Tgt Ion: 94 Resp: 49484  
Ion Ratio Lower Upper  
94 100  
96 87.6 79.0 118.6



#6  
Chloroethane  
Concen: 17.229 ug/l  
RT: 3.131 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 64 Resp: 39609  
Ion Ratio Lower Upper  
64 100  
66 33.8 26.2 39.4

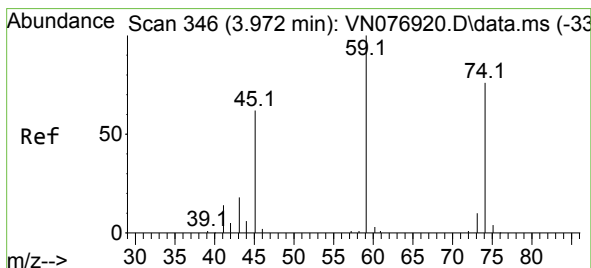
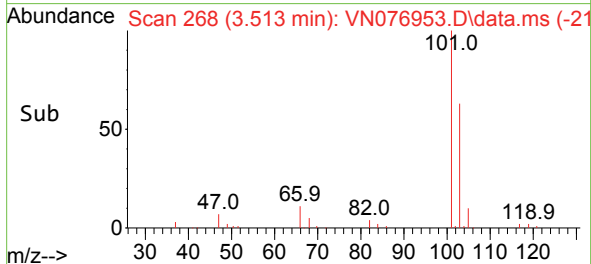
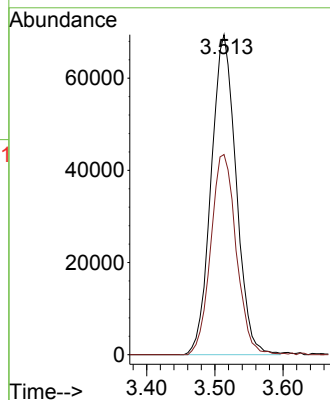
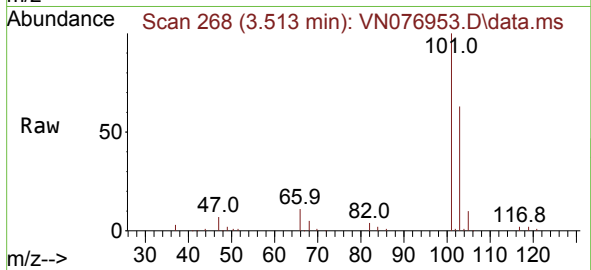




#7  
Trichlorofluoromethane  
Concen: 18.827 ug/l  
RT: 3.513 min Scan# 210  
Delta R.T. 0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

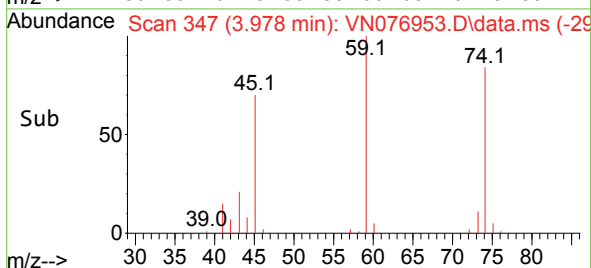
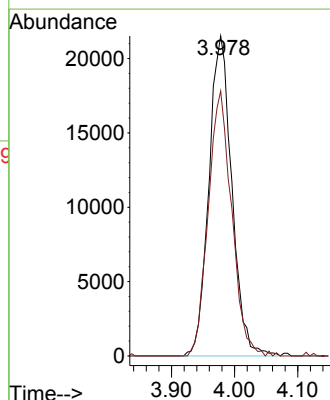
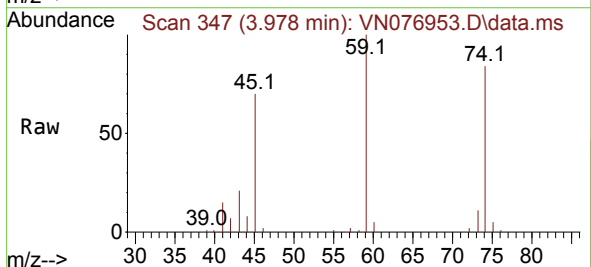
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

Tgt Ion:101 Resp: 176912  
Ion Ratio Lower Upper  
101 100  
103 62.6 53.4 80.0

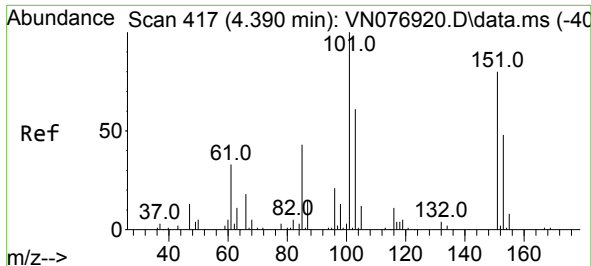


#8  
Diethyl Ether  
Concen: 17.952 ug/l  
RT: 3.978 min Scan# 347  
Delta R.T. 0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 74 Resp: 54274  
Ion Ratio Lower Upper  
74 100  
45 84.5 35.5 106.5



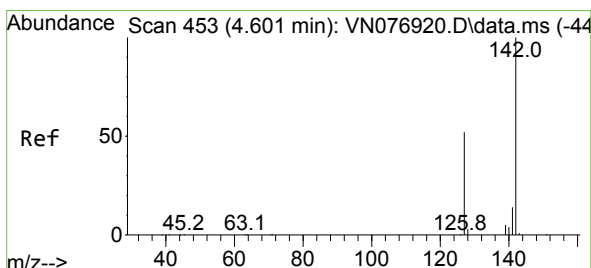
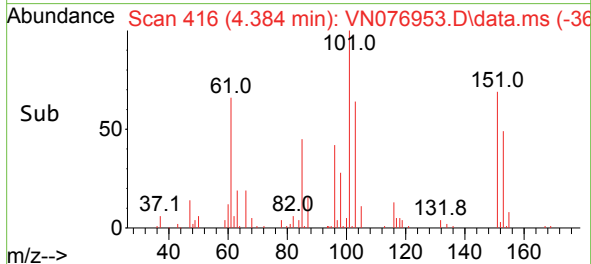
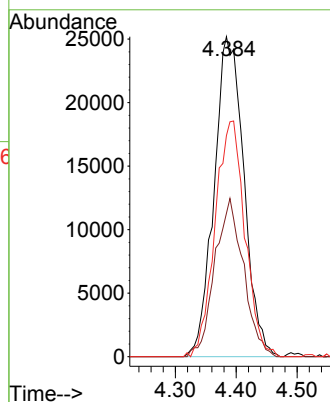
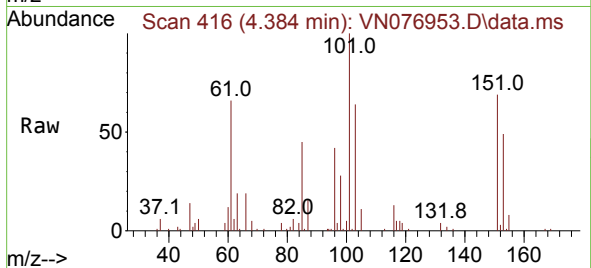




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.807 ug/l  
RT: 4.384 min Scan# 417  
Delta R.T. -0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

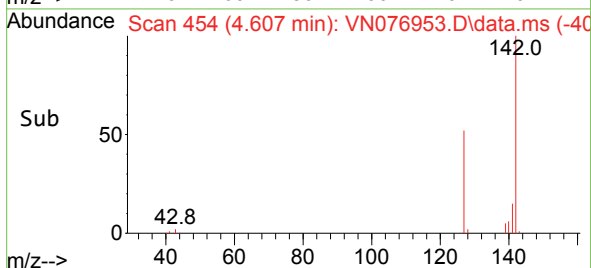
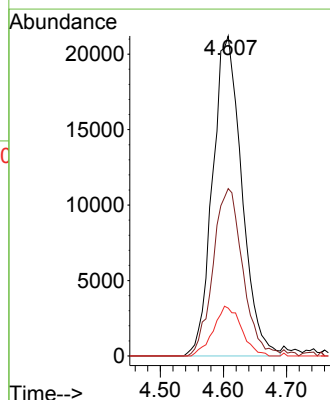
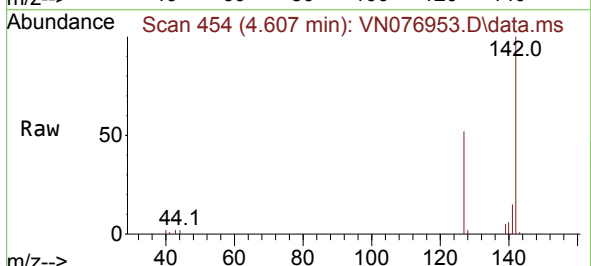
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

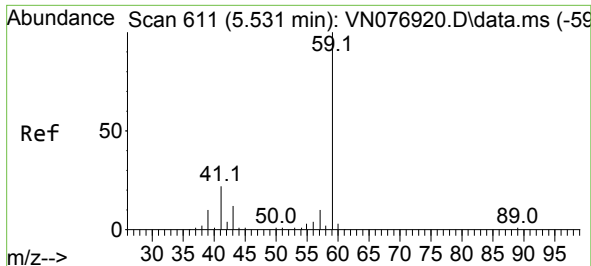
Tgt Ion:101 Resp: 85488  
Ion Ratio Lower Upper  
101 100  
85 47.8 35.2 52.8  
151 74.0 58.9 88.3



#10  
Methyl Iodide  
Concen: 13.507 ug/l  
RT: 4.607 min Scan# 454  
Delta R.T. 0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion:142 Resp: 67869  
Ion Ratio Lower Upper  
142 100  
127 52.3 35.2 52.8  
141 15.0 10.2 15.2

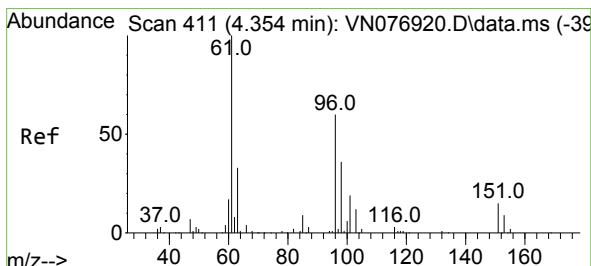
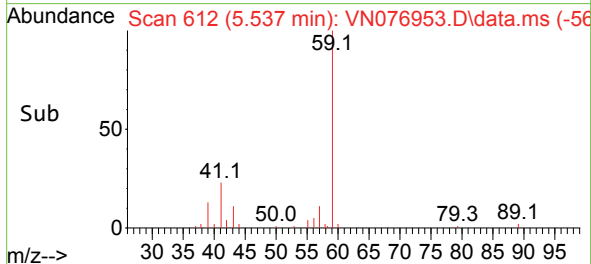
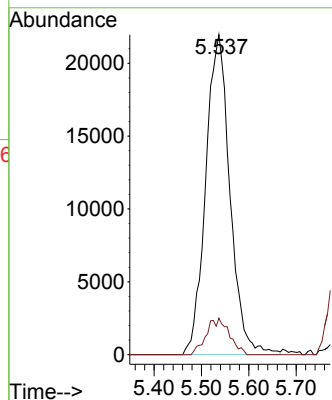
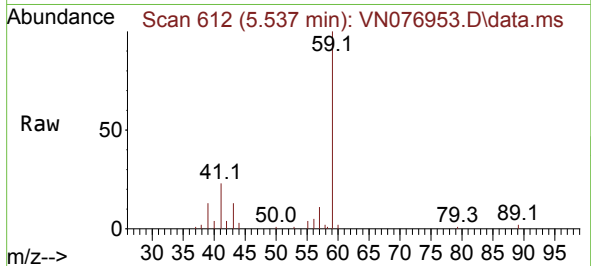




#11  
Tert butyl alcohol  
Concen: 93.960 ug/l  
RT: 5.537 min Scan# 611  
Delta R.T. 0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

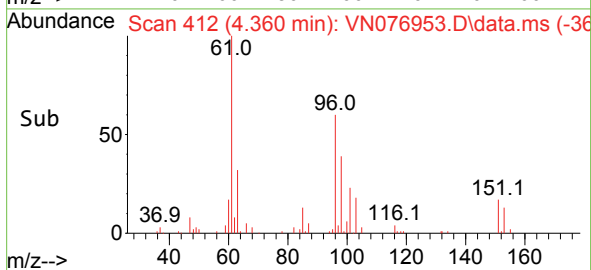
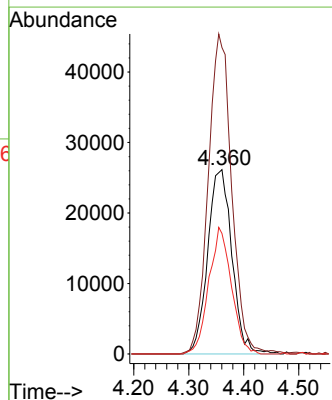
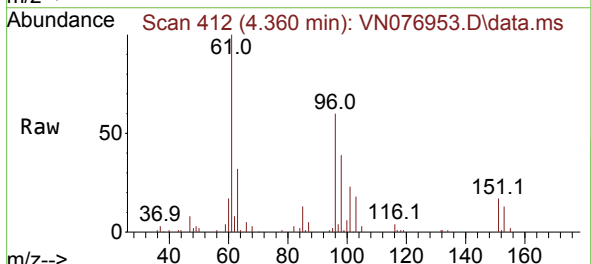
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

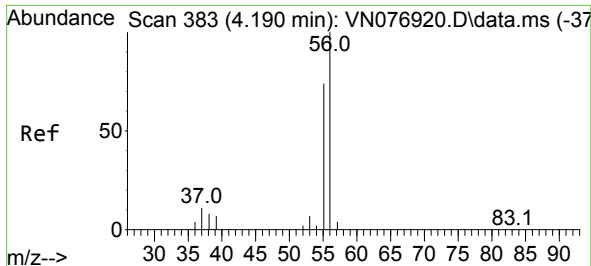
Tgt Ion: 59 Resp: 78076  
Ion Ratio Lower Upper  
59 100  
57 5.2 8.6 12.8#



#12  
1,1-Dichloroethene  
Concen: 18.130 ug/l  
RT: 4.360 min Scan# 412  
Delta R.T. 0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 96 Resp: 80217  
Ion Ratio Lower Upper  
96 100  
61 166.3 121.3 181.9  
98 65.4 52.1 78.1

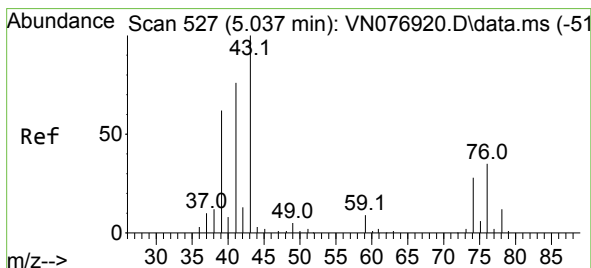
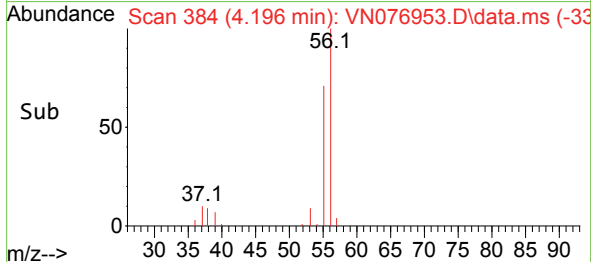
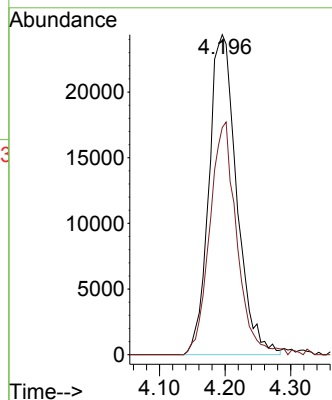
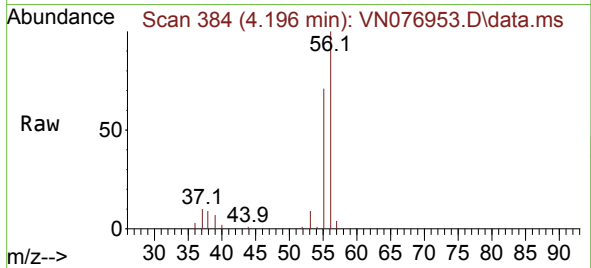




#13  
Acrolein  
Concen: 95.941 ug/l  
RT: 4.196 min Scan# 384  
Delta R.T. 0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

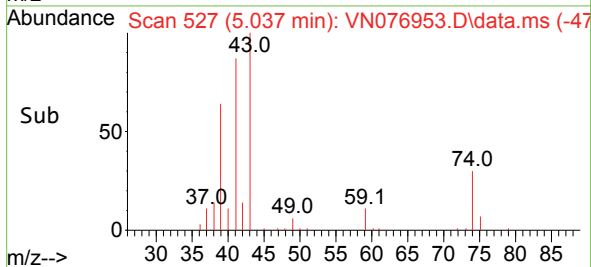
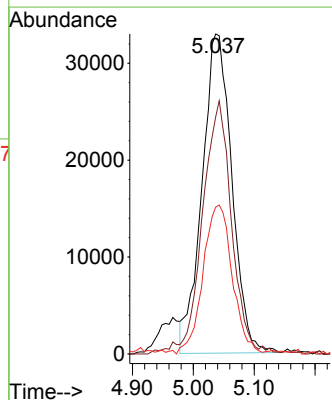
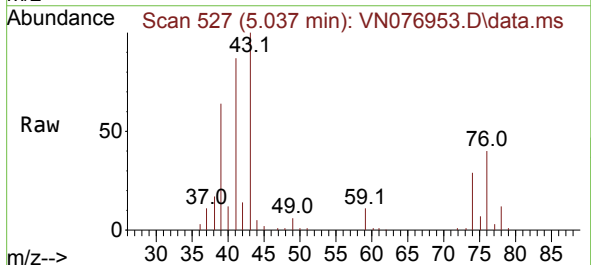
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

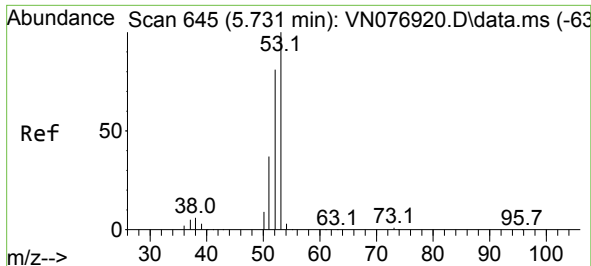
Tgt Ion: 56 Resp: 71658  
Ion Ratio Lower Upper  
56 100  
55 70.5 56.7 85.1



#14  
Allyl chloride  
Concen: 17.621 ug/l  
RT: 5.037 min Scan# 527  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 41 Resp: 111848  
Ion Ratio Lower Upper  
41 100  
39 77.2 68.1 102.1  
76 44.6 44.1 66.1

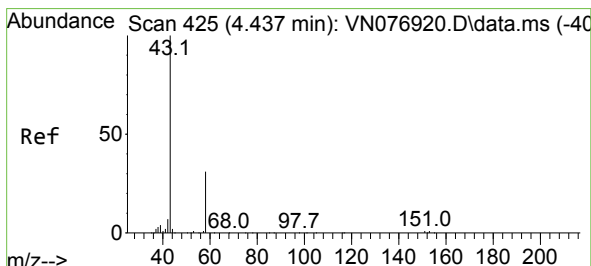
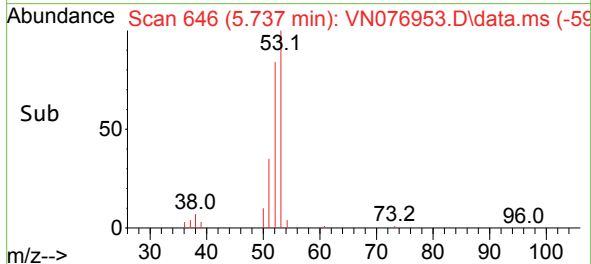
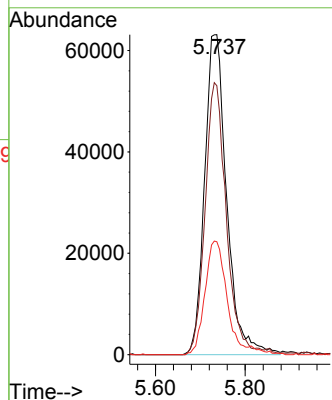
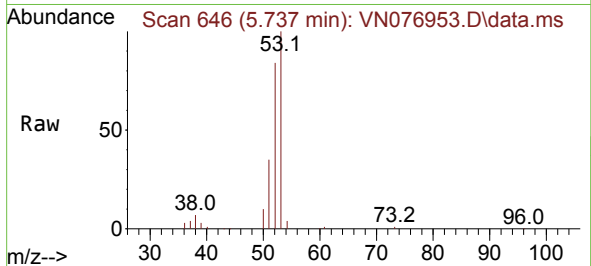




#15  
Acrylonitrile  
Concen: 92.029 ug/l  
RT: 5.737 min Scan# 645  
Delta R.T. 0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

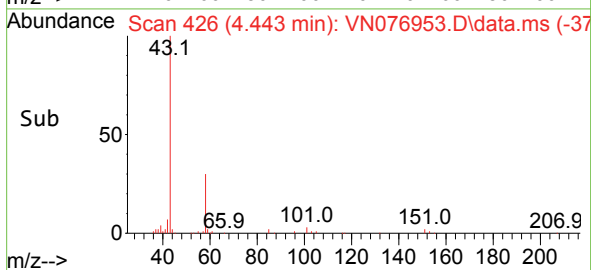
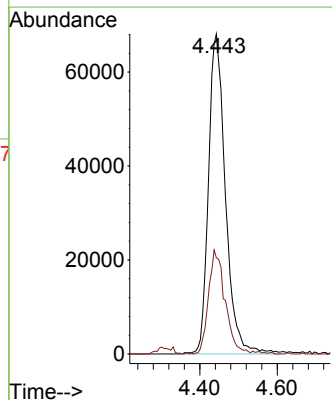
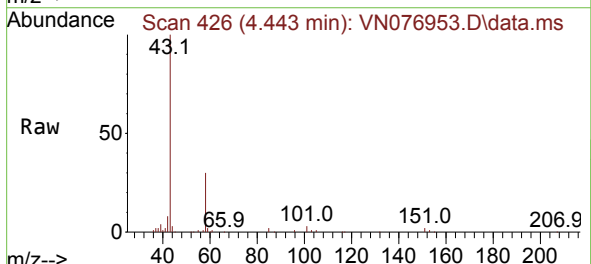
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

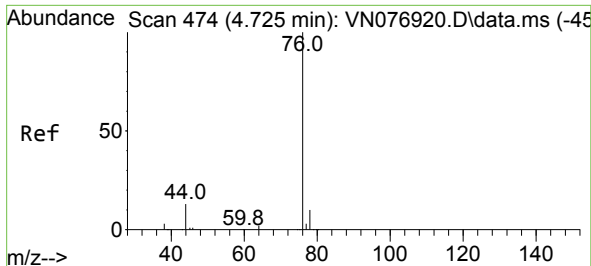
Tgt Ion: 53 Resp: 216121  
Ion Ratio Lower Upper  
53 100  
52 80.8 65.3 97.9  
51 36.3 28.8 43.2



#16  
Acetone  
Concen: 100.001 ug/l  
RT: 4.443 min Scan# 426  
Delta R.T. 0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 43 Resp: 206988  
Ion Ratio Lower Upper  
43 100  
58 30.1 28.2 42.2

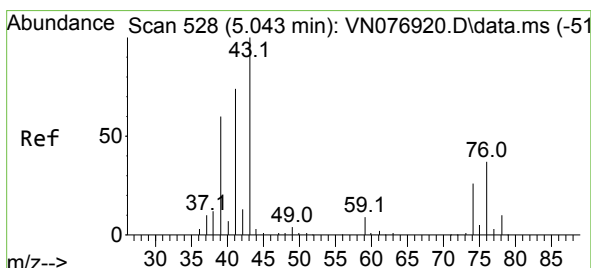
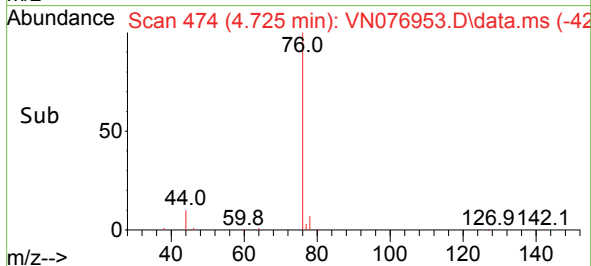
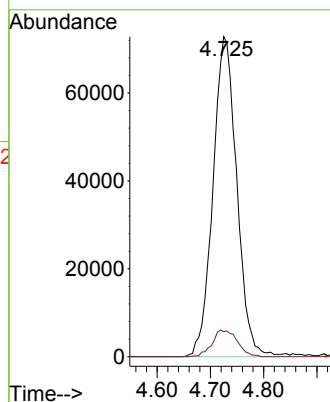
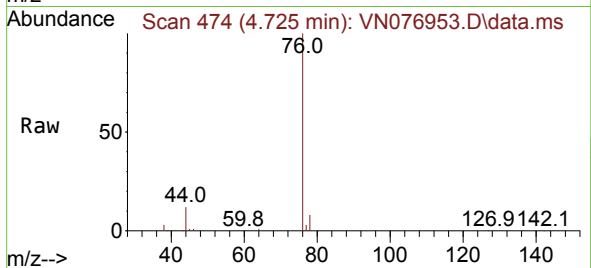




#17  
Carbon Disulfide  
Concen: 18.419 ug/l  
RT: 4.725 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

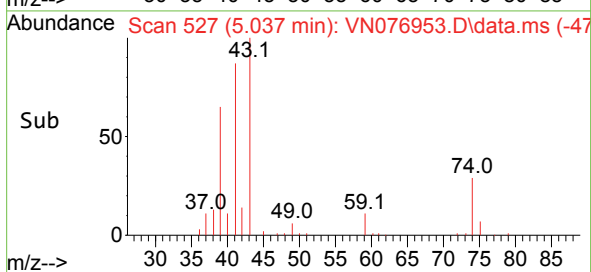
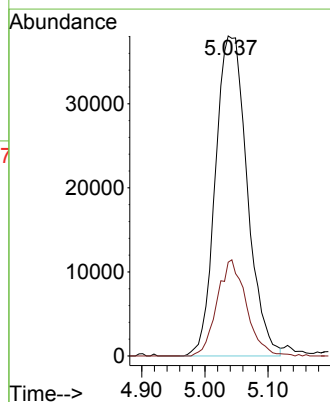
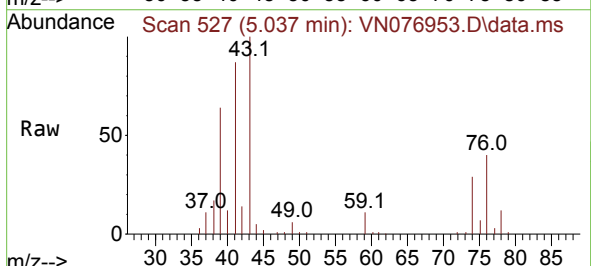
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

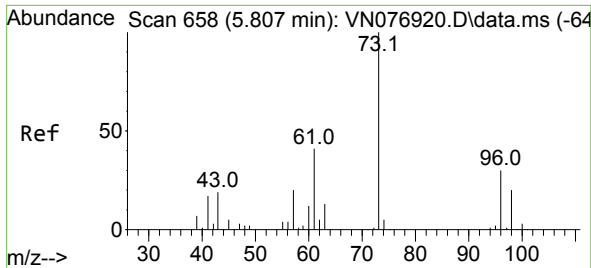
Tgt Ion: 76 Resp: 225745  
Ion Ratio Lower Upper  
76 100  
78 7.8 7.8 11.8#



#18  
Methyl Acetate  
Concen: 17.430 ug/l  
RT: 5.037 min Scan# 527  
Delta R.T. -0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 43 Resp: 133052  
Ion Ratio Lower Upper  
43 100  
74 27.7 25.9 38.9

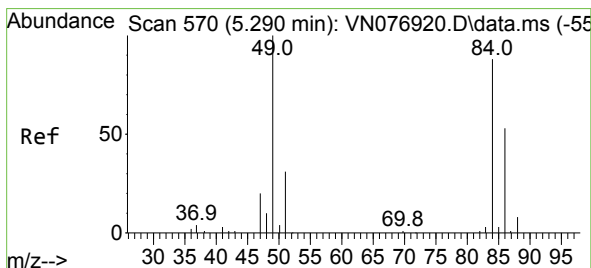
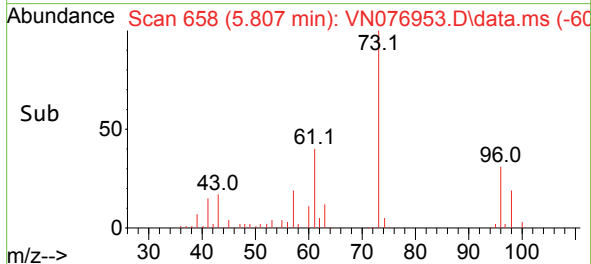
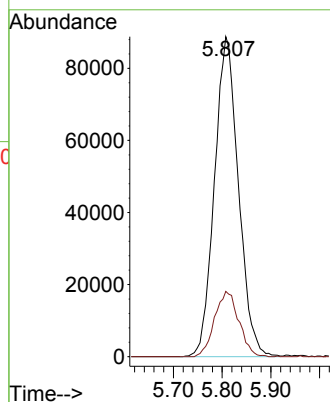
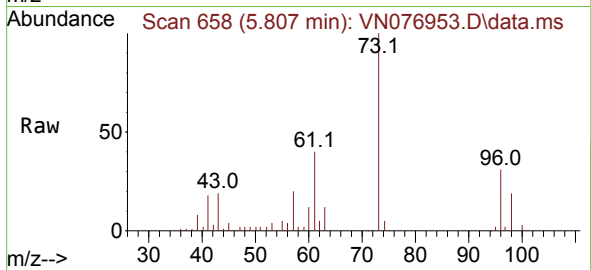




#19  
Methyl tert-butyl Ether  
Concen: 19.280 ug/l  
RT: 5.807 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

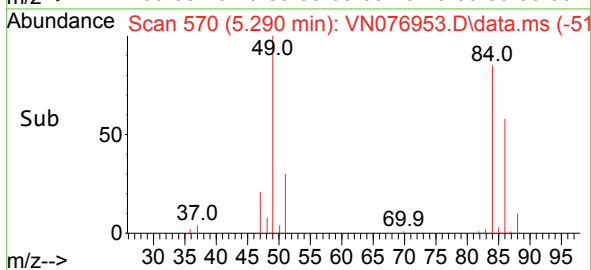
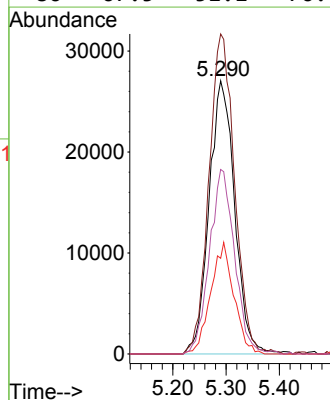
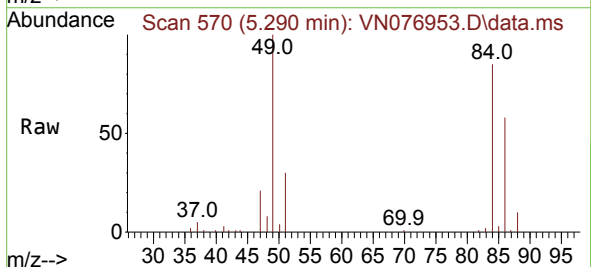
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

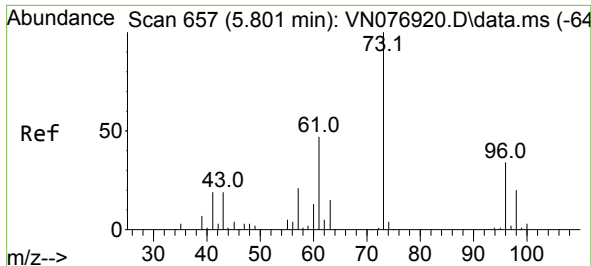
Tgt Ion: 73 Resp: 303321  
Ion Ratio Lower Upper  
73 100  
57 20.4 16.1 24.1



#20  
Methylene Chloride  
Concen: 16.945 ug/l  
RT: 5.290 min Scan# 570  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 84 Resp: 90183  
Ion Ratio Lower Upper  
84 100  
49 117.1 76.6 114.8#  
51 35.0 25.4 38.2  
86 67.5 51.1 76.7

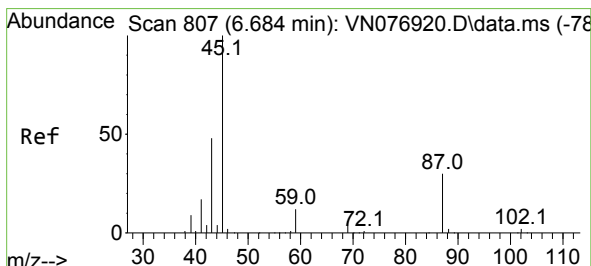
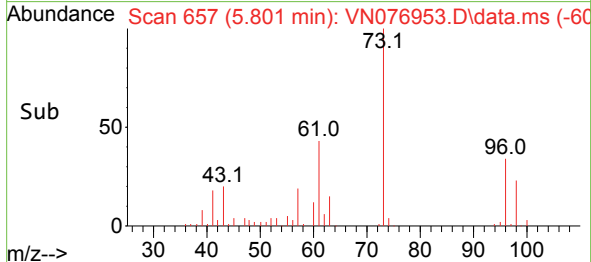
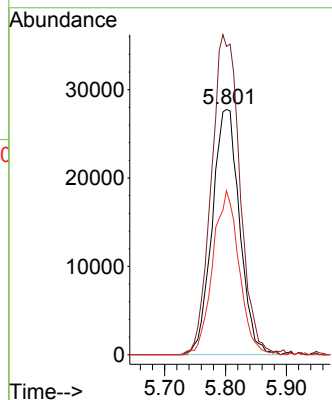
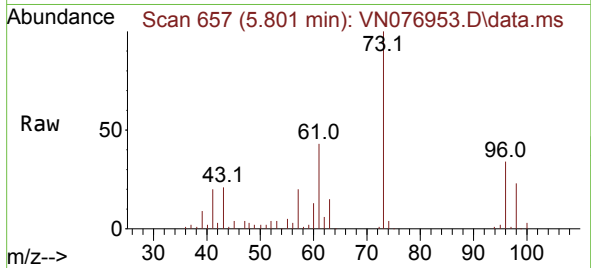




#21  
trans-1,2-Dichloroethene  
Concen: 18.504 ug/l  
RT: 5.801 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

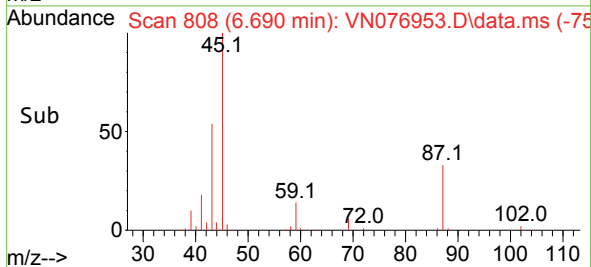
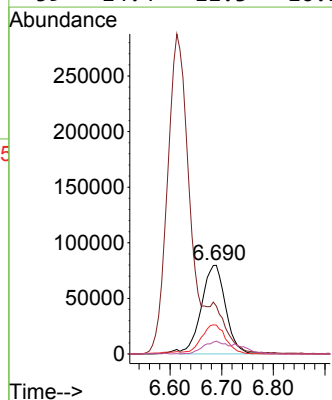
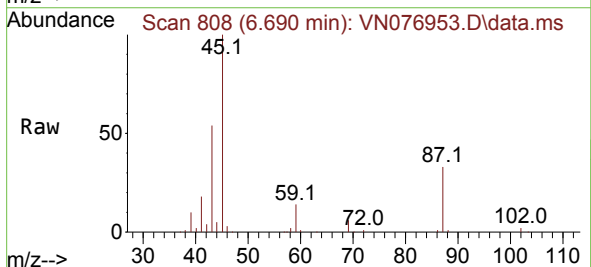
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

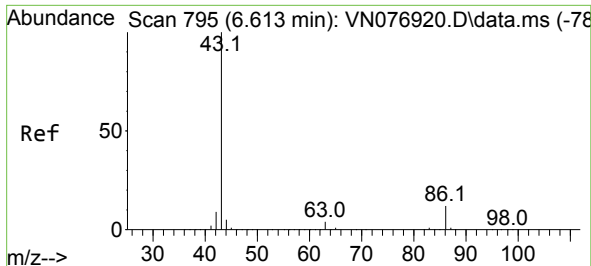
Tgt Ion: 96 Resp: 86793  
Ion Ratio Lower Upper  
96 100  
61 125.7 95.0 142.6  
98 66.8 54.5 81.7



#22  
Diisopropyl ether  
Concen: 18.329 ug/l  
RT: 6.690 min Scan# 808  
Delta R.T. 0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 45 Resp: 257387  
Ion Ratio Lower Upper  
45 100  
43 53.1 42.6 63.8  
87 32.4 29.7 44.5  
59 14.4 11.3 16.9

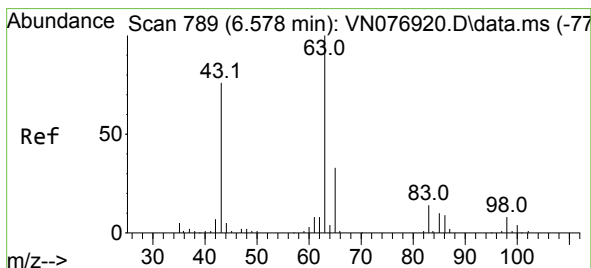
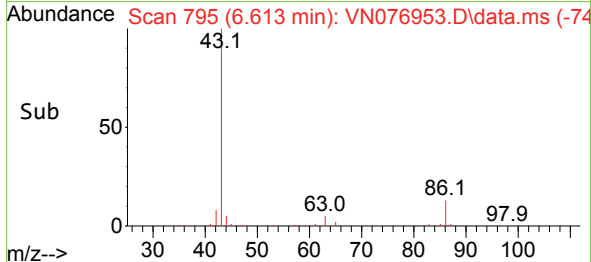
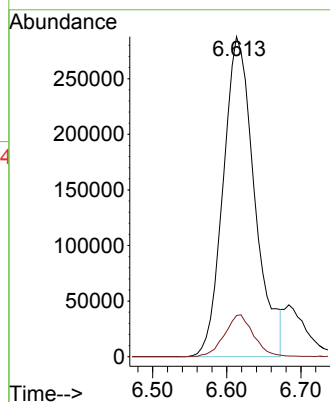
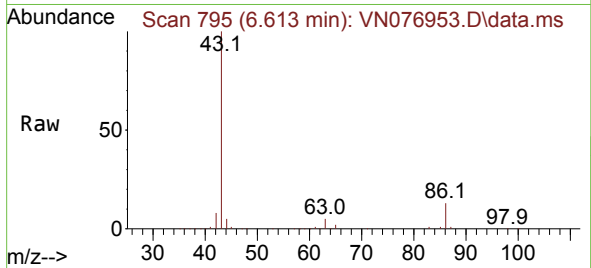




#23  
 Vinyl Acetate  
 Concen: 98.051 ug/l  
 RT: 6.613 min Scan# 795  
 Delta R.T. 0.000 min  
 Lab File: VN076953.D  
 Acq: 13 Mar 2023 11:32

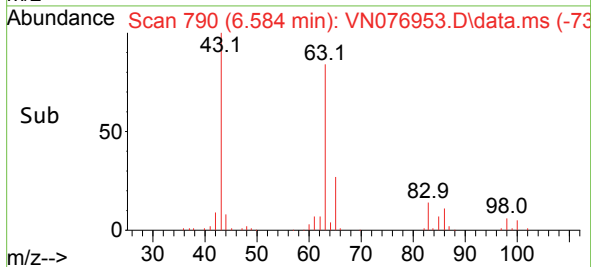
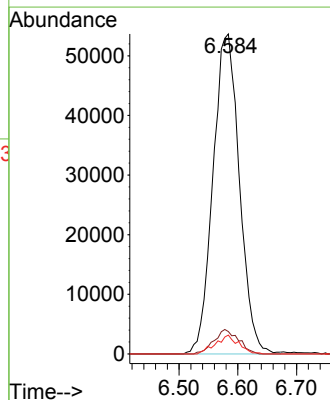
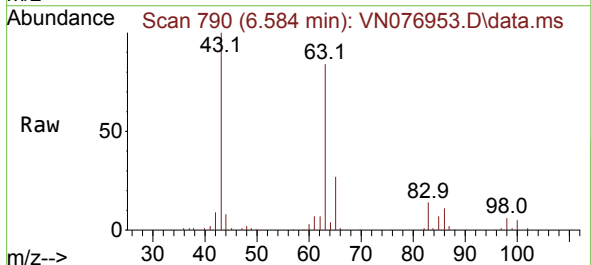
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0313WBS01

Tgt Ion: 43 Resp: 847908  
 Ion Ratio Lower Upper  
 43 100  
 86 12.9 11.8 17.6

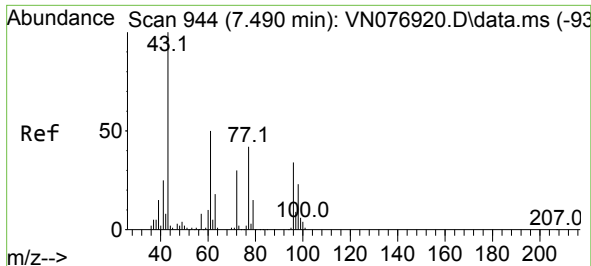


#24  
 1,1-Dichloroethane  
 Concen: 18.684 ug/l  
 RT: 6.584 min Scan# 790  
 Delta R.T. 0.006 min  
 Lab File: VN076953.D  
 Acq: 13 Mar 2023 11:32

Tgt Ion: 63 Resp: 167590  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 4.2 12.6  
 100 5.9 2.2 6.6



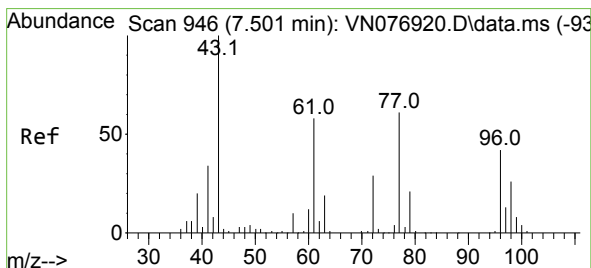
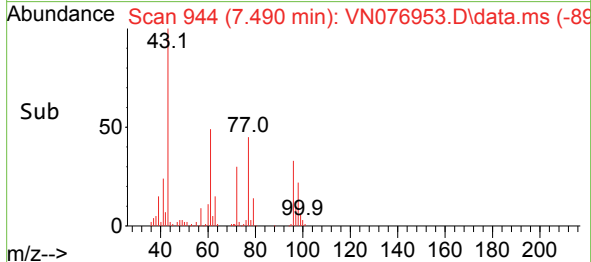
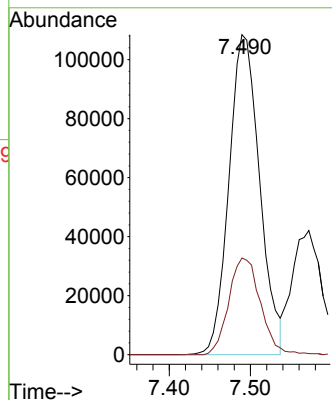
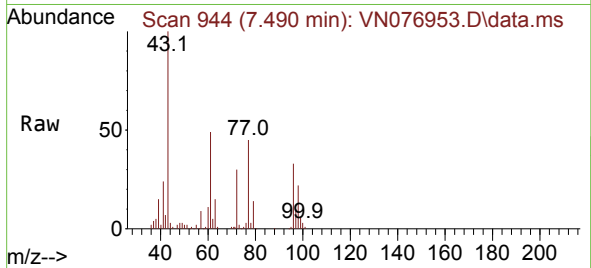




#25  
2-Butanone  
Concen: 96.840 ug/l  
RT: 7.490 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

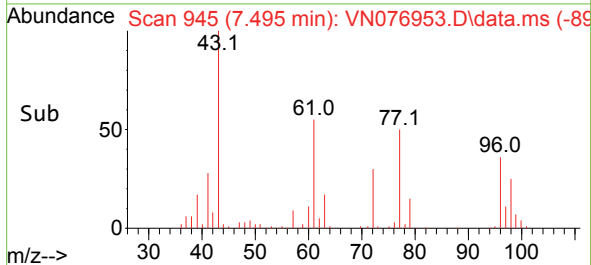
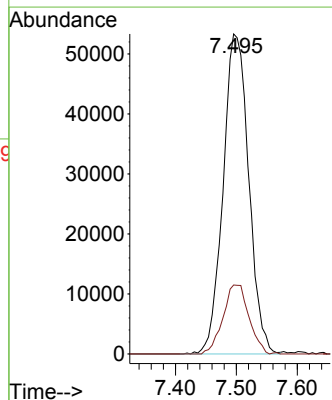
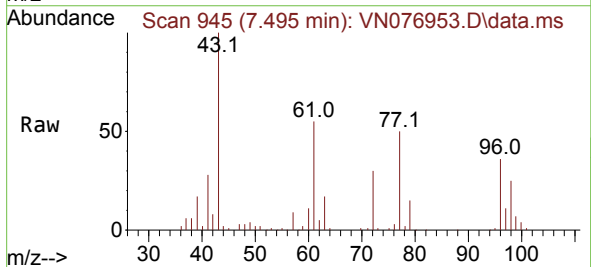
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

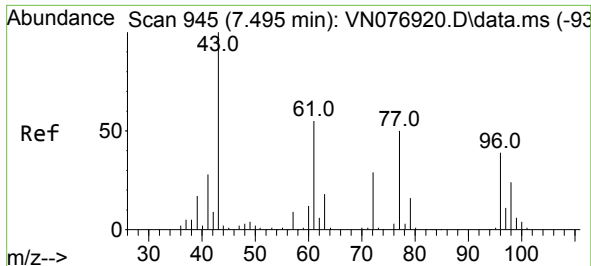
Tgt Ion: 43 Resp: 285083  
Ion Ratio Lower Upper  
43 100  
72 30.2 28.8 43.2



#26  
2,2-Dichloropropane  
Concen: 19.619 ug/l  
RT: 7.495 min Scan# 945  
Delta R.T. -0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 77 Resp: 155736  
Ion Ratio Lower Upper  
77 100  
97 21.9 11.5 34.5

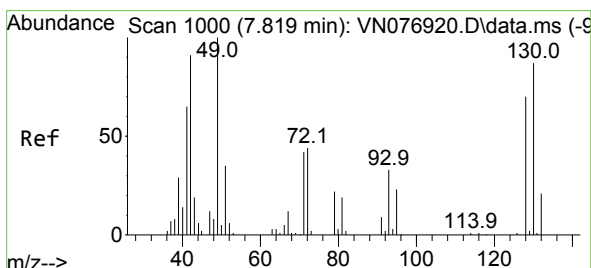
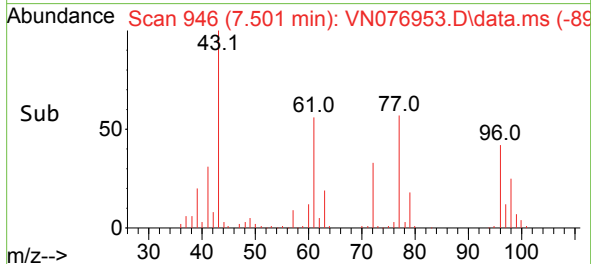
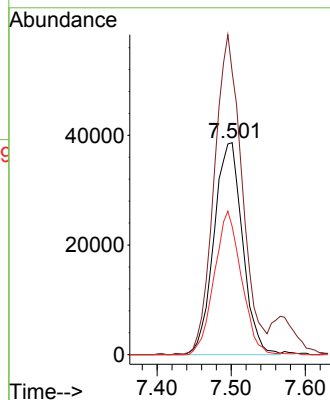
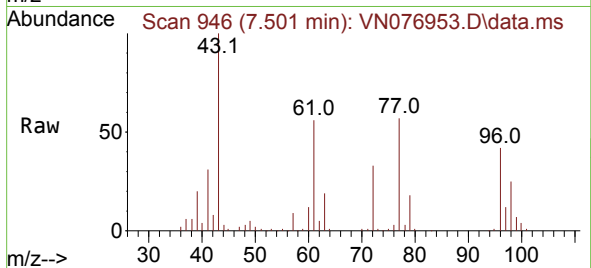




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.156 ug/l  
 RT: 7.501 min Scan# 94  
 Delta R.T. 0.006 min  
 Lab File: VN076953.D  
 Acq: 13 Mar 2023 11:32

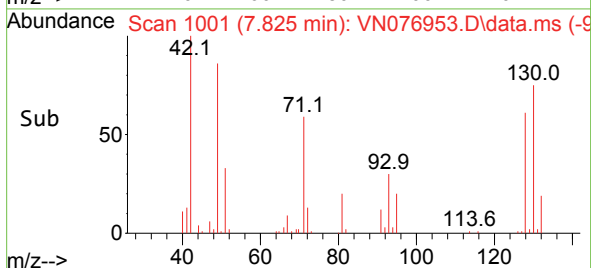
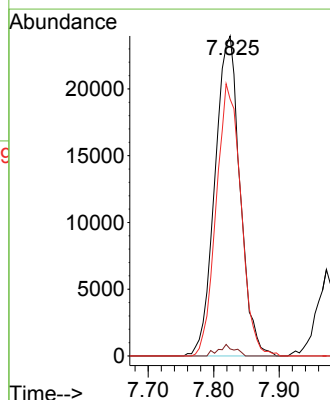
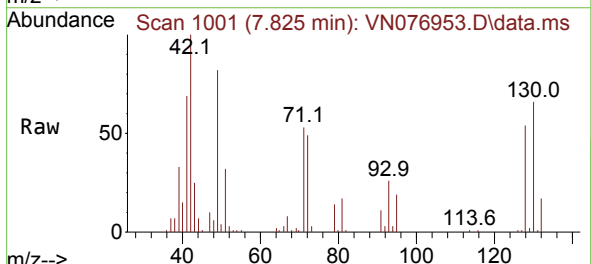
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0313WBS01

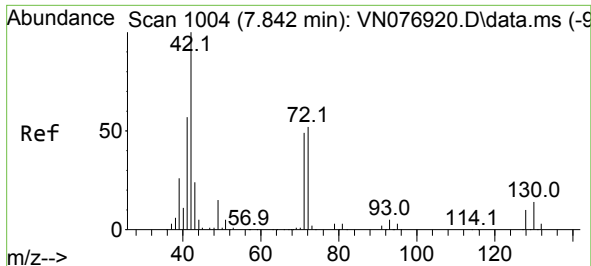
Tgt Ion: 96 Resp: 103685  
 Ion Ratio Lower Upper  
 96 100  
 61 147.3 0.0 255.6  
 98 64.5 0.0 127.4



#28  
 Bromochloromethane  
 Concen: 19.638 ug/l  
 RT: 7.825 min Scan# 1001  
 Delta R.T. 0.006 min  
 Lab File: VN076953.D  
 Acq: 13 Mar 2023 11:32

Tgt Ion: 49 Resp: 63719  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 4.6  
 130 83.9 74.8 112.2





#29

Tetrahydrofuran

Concen: 98.372 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA\_N

ClientSampleId :

VN0313WBS01

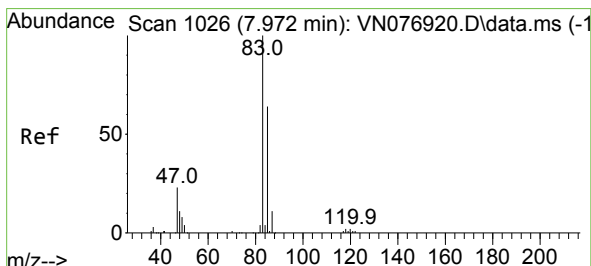
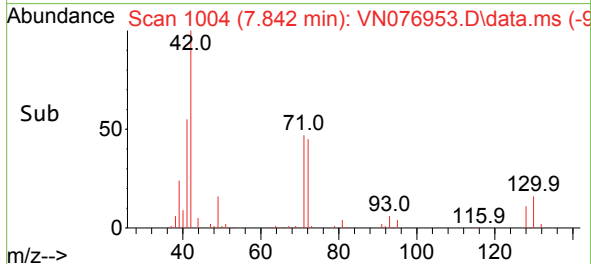
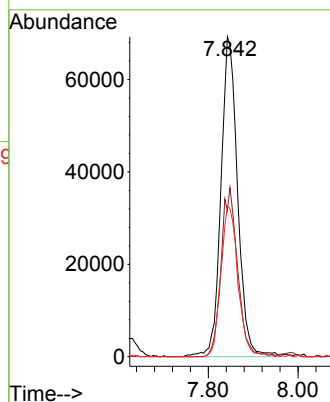
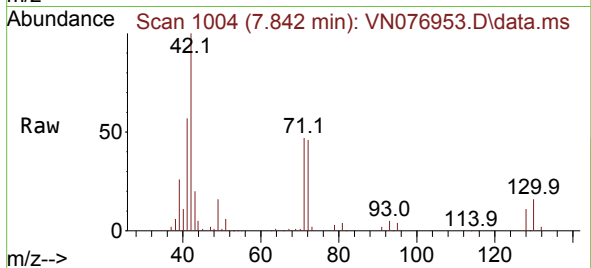
Tgt Ion: 42 Resp: 179497

Ion Ratio Lower Upper

42 100

72 52.1 48.6 73.0

71 48.2 45.1 67.7



#30

Chloroform

Concen: 19.237 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076953.D

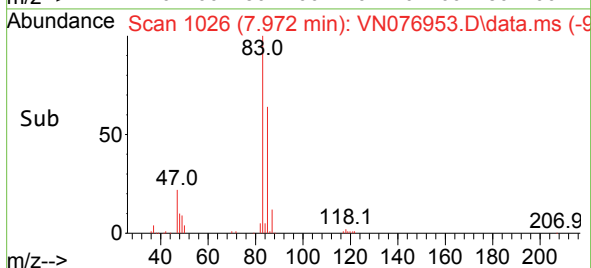
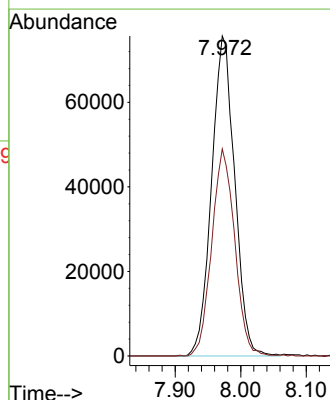
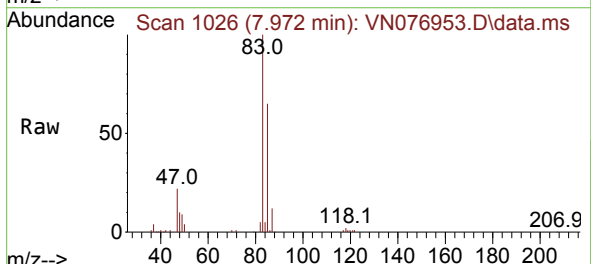
Acq: 13 Mar 2023 11:32

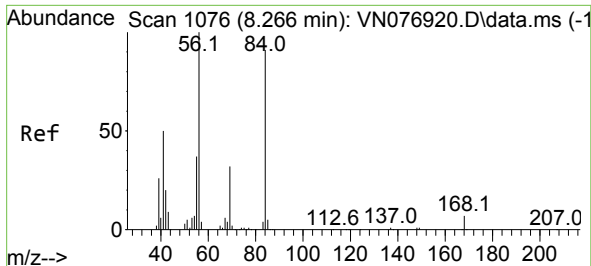
Tgt Ion: 83 Resp: 185404

Ion Ratio Lower Upper

83 100

85 64.4 51.3 76.9

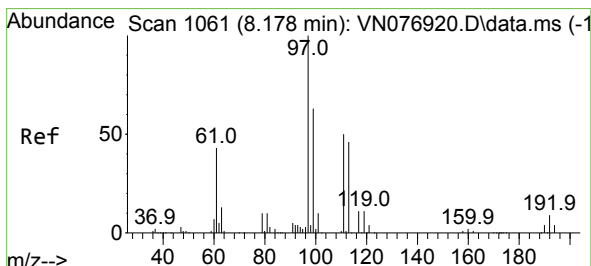
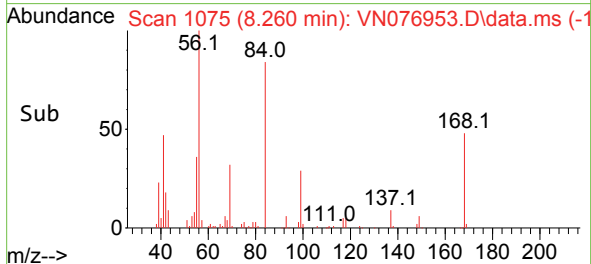
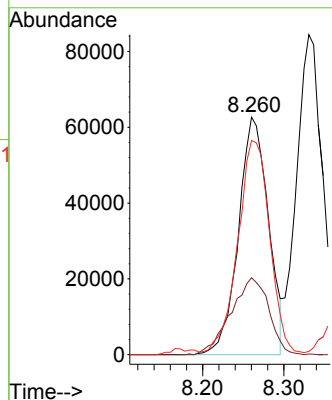
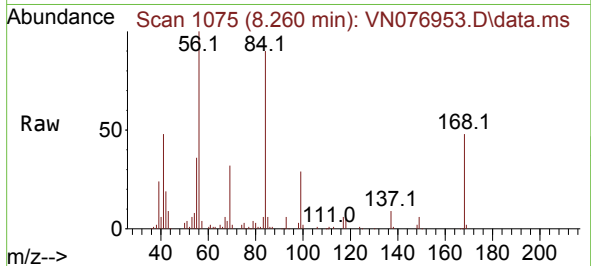




#31  
Cyclohexane  
Concen: 18.731 ug/l  
RT: 8.260 min Scan# 1075  
Delta R.T. -0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

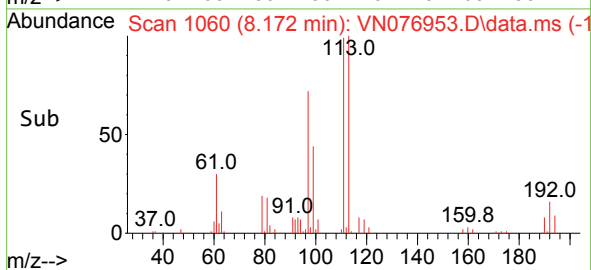
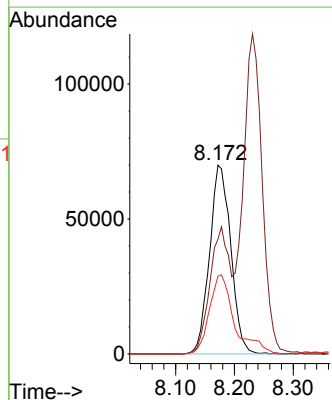
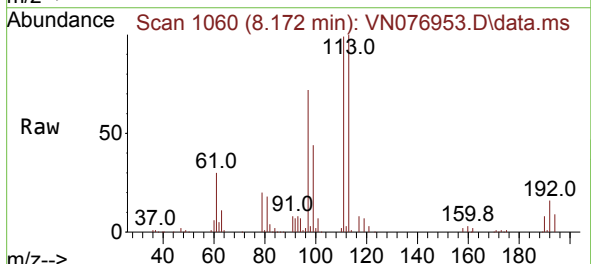
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

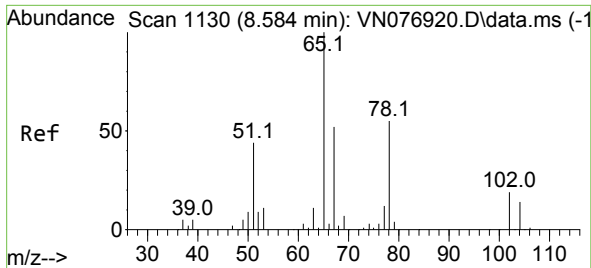
Tgt Ion: 56 Resp: 160532  
Ion Ratio Lower Upper  
56 100  
69 32.4 27.0 40.6  
84 87.7 82.9 124.3



#32  
1,1,1-Trichloroethane  
Concen: 19.442 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 97 Resp: 175676  
Ion Ratio Lower Upper  
97 100  
99 61.7 51.2 76.8  
61 49.5 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 50.102 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA\_N

ClientSampleId :

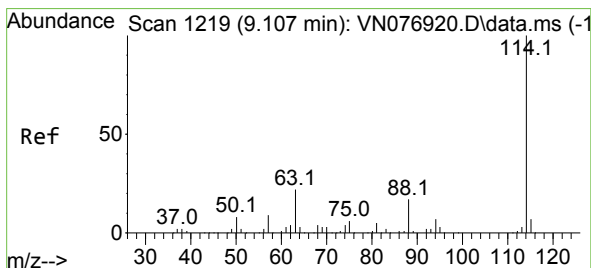
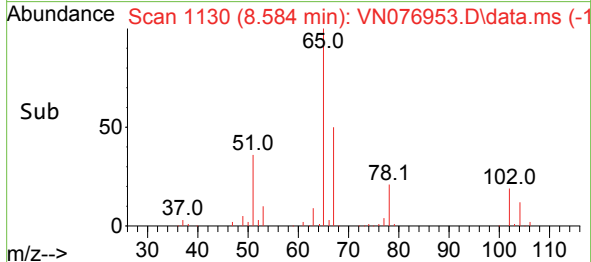
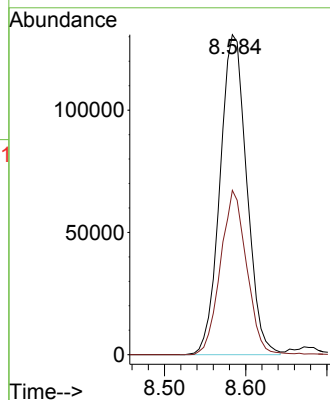
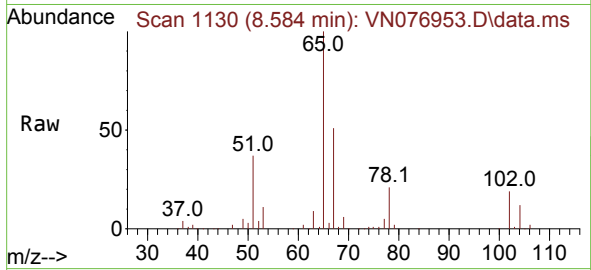
VN0313WBS01

Tgt Ion: 65 Resp: 299272

Ion Ratio Lower Upper

65 100

67 50.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

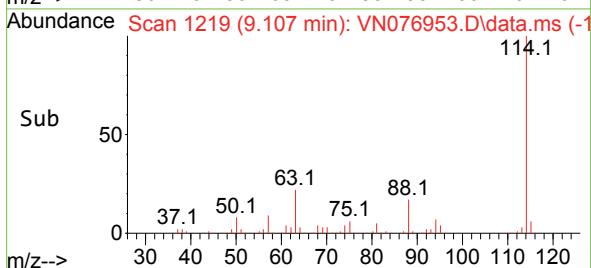
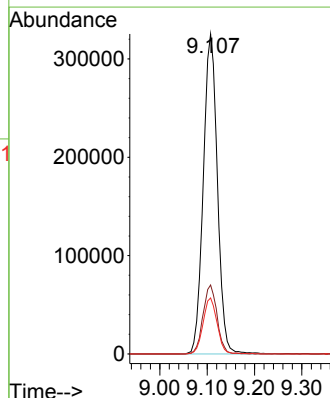
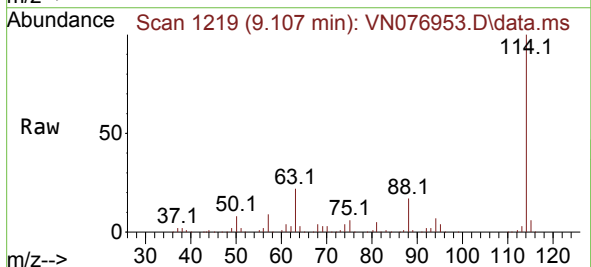
Tgt Ion: 114 Resp: 671732

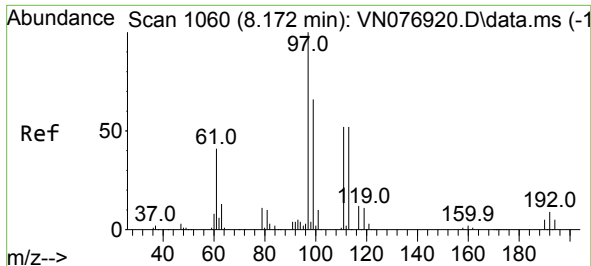
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.6

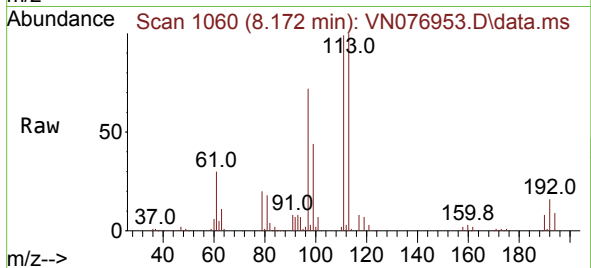
88 17.5 0.0 28.6



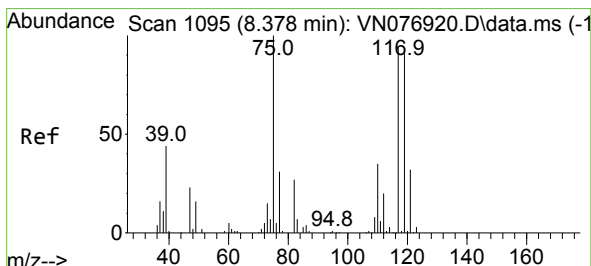
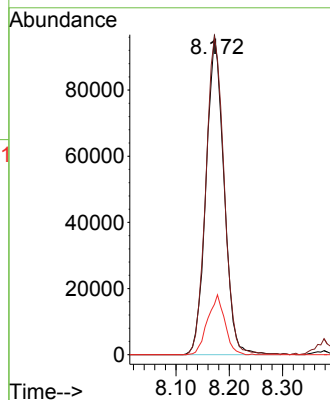
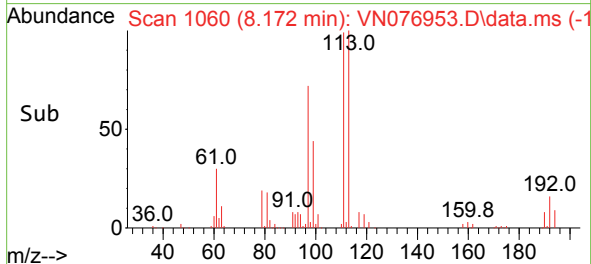


#35  
Dibromofluoromethane  
Concen: 50.309 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

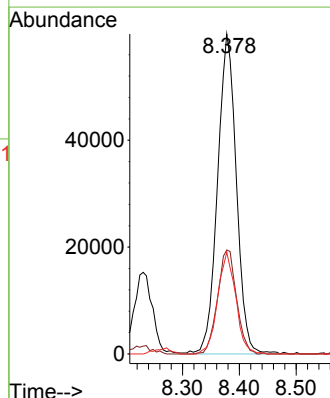
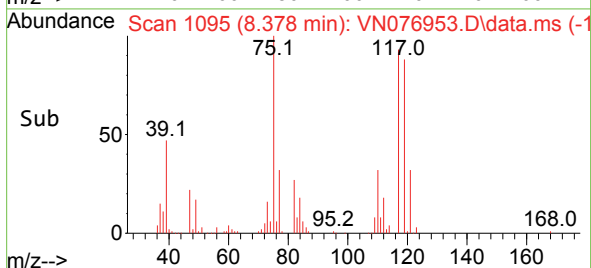
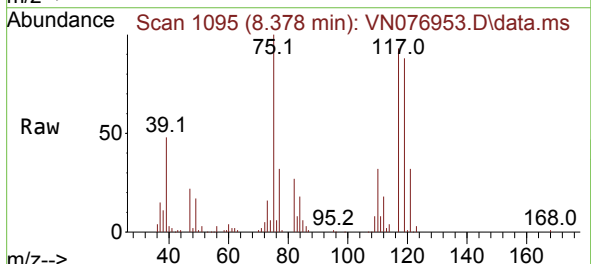


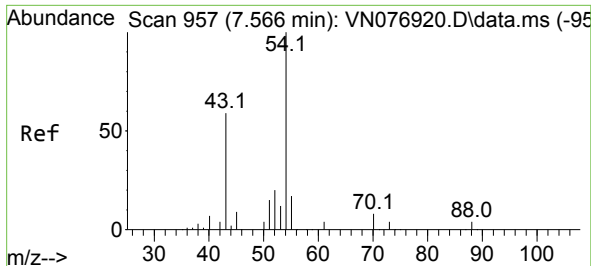
Tgt Ion:113 Resp: 225229  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.8 122.8  
192 18.1 13.9 20.9



#36  
1,1-Dichloropropene  
Concen: 19.942 ug/l  
RT: 8.378 min Scan# 1095  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 75 Resp: 138078  
Ion Ratio Lower Upper  
75 100  
110 32.7 18.9 56.9  
77 30.6 24.9 37.3

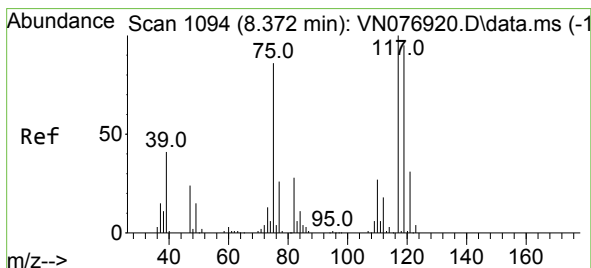
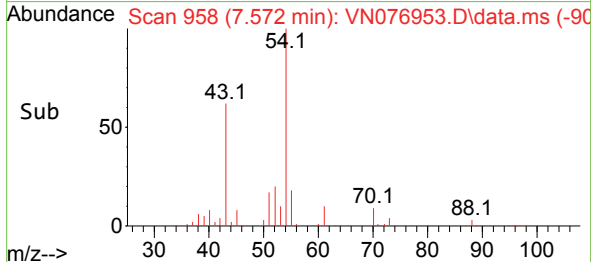
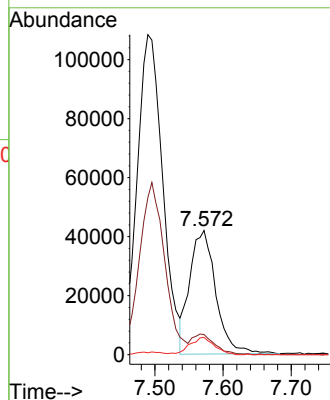
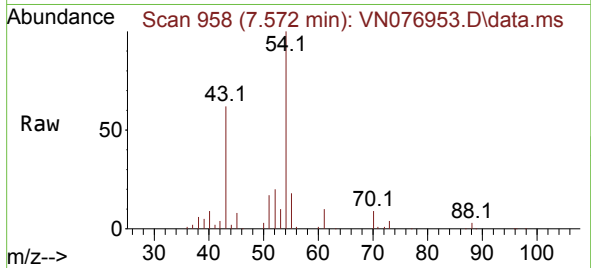




#37  
Ethyl Acetate  
Concen: 20.094 ug/l  
RT: 7.572 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

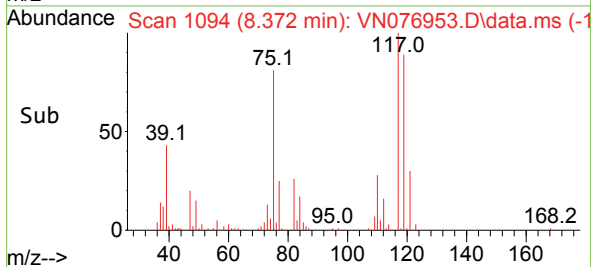
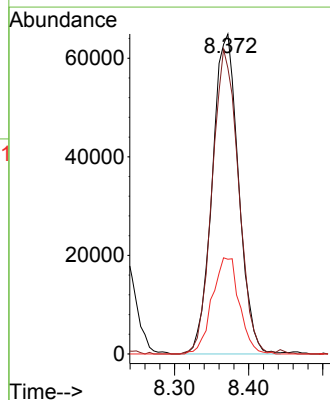
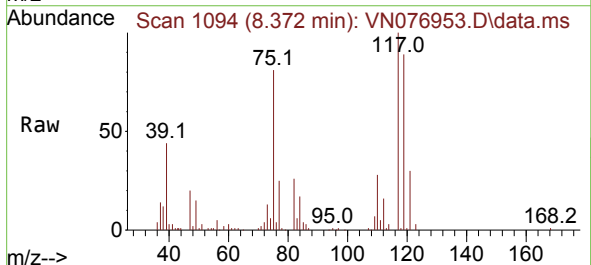
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

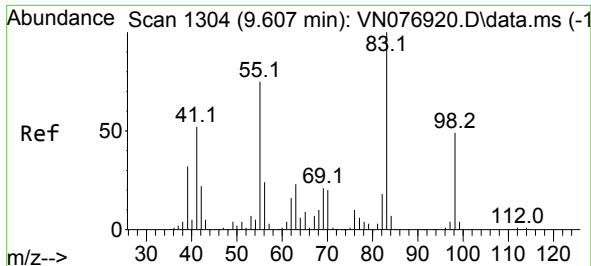
Tgt Ion: 43 Resp: 111264  
Ion Ratio Lower Upper  
43 100  
61 14.5 13.5 20.3  
70 13.2 11.0 16.6



#38  
Carbon Tetrachloride  
Concen: 19.726 ug/l  
RT: 8.372 min Scan# 1094  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 117 Resp: 159853  
Ion Ratio Lower Upper  
117 100  
119 89.3 76.9 115.3  
121 29.6 23.2 34.8





#39

Methylcyclohexane

Concen: 19.819 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA\_N

ClientSampleId :

VN0313WBS01

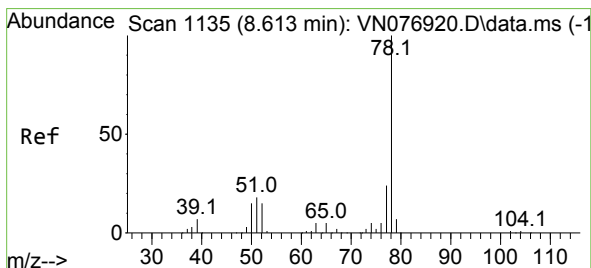
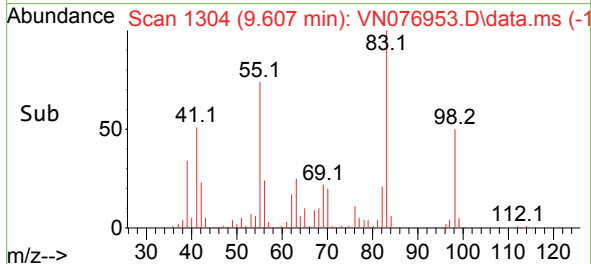
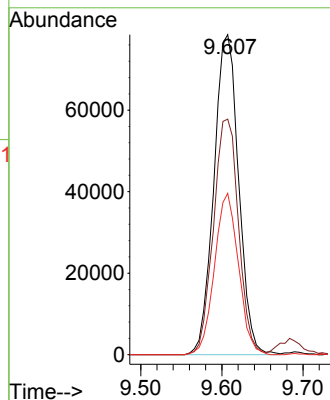
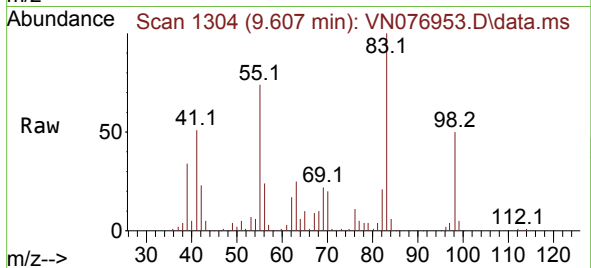
Tgt Ion: 83 Resp: 166575

Ion Ratio Lower Upper

83 100

55 73.6 47.0 70.4#

98 50.4 39.4 59.0



#40

Benzene

Concen: 19.533 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN076953.D

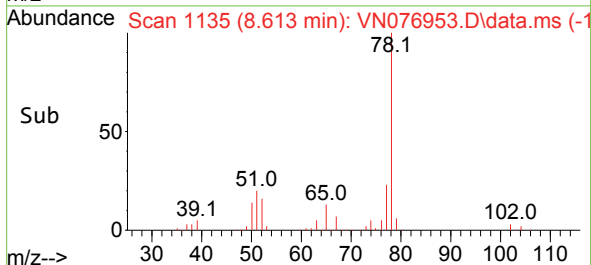
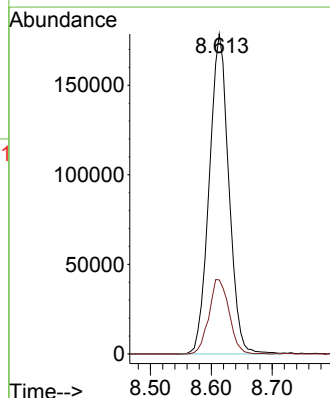
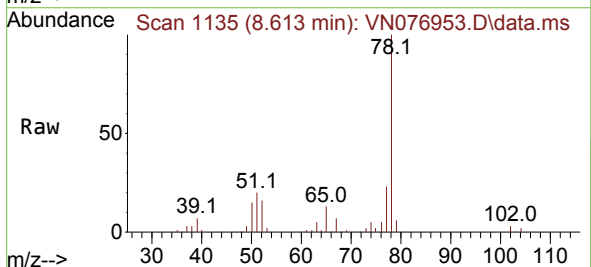
Acq: 13 Mar 2023 11:32

Tgt Ion: 78 Resp: 398656

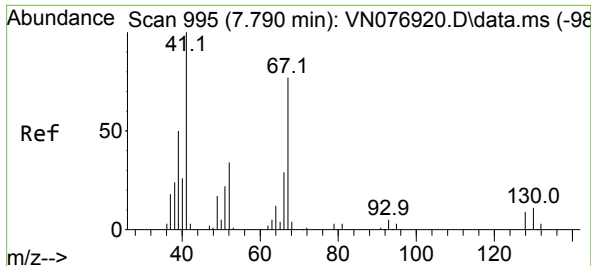
Ion Ratio Lower Upper

78 100

77 23.2 19.3 28.9



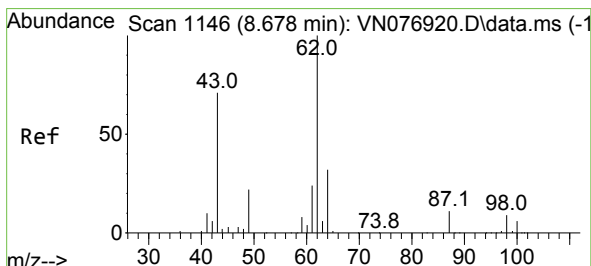
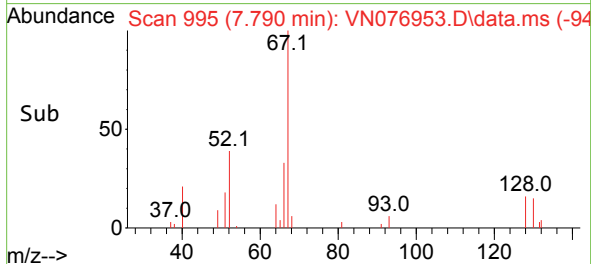
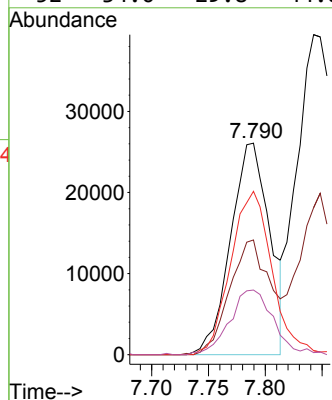
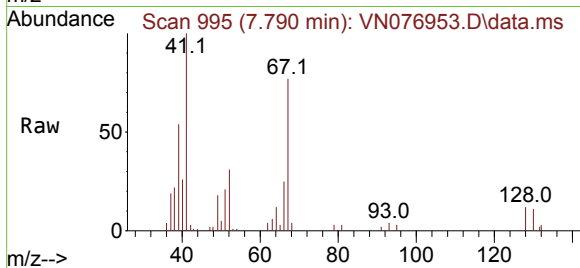




#41  
Methacrylonitrile  
Concen: 18.990 ug/l  
RT: 7.790 min Scan# 995  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

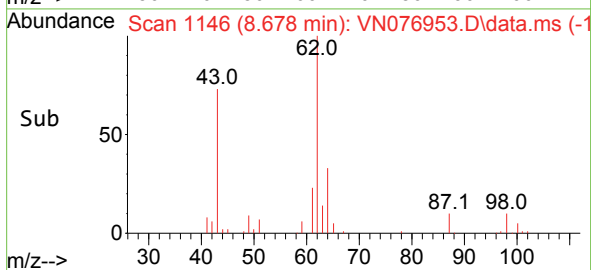
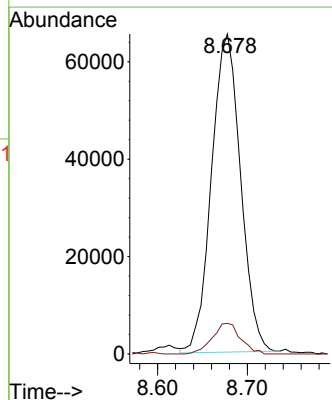
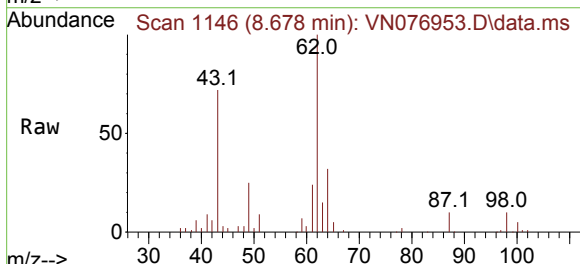
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

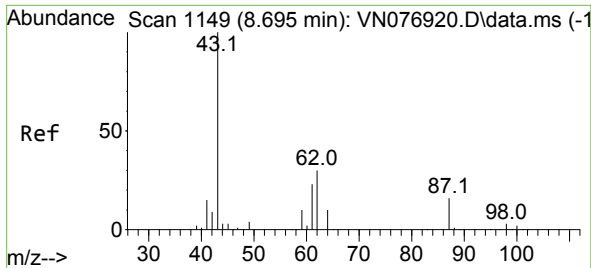
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 62571 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.0  | 43.4  | 65.0  |
| 67       | 81.6  | 78.6  | 118.0 |
| 52       | 34.0  | 29.8  | 44.8  |



#42  
1,2-Dichloroethane  
Concen: 18.476 ug/l  
RT: 8.678 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 147080 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.4   | 0.0   | 21.8   |

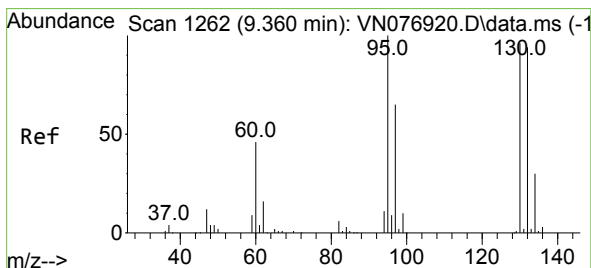
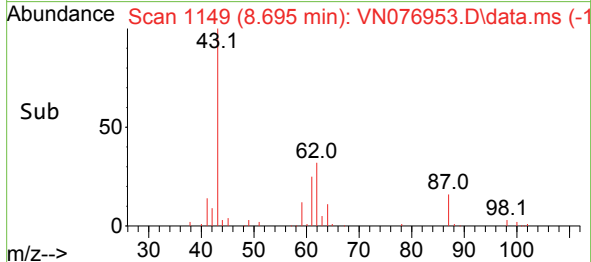
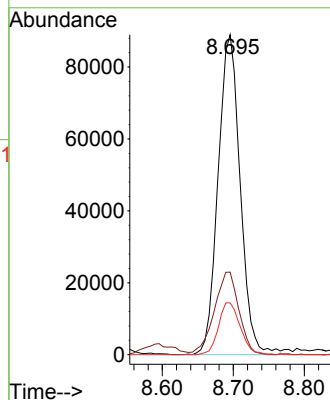
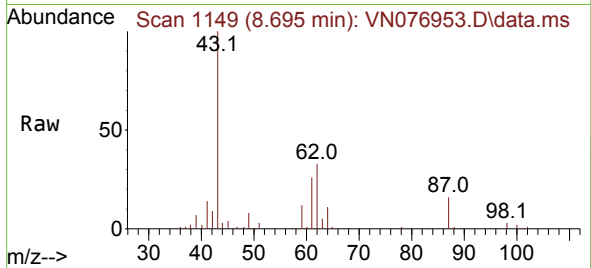




#43  
Isopropyl Acetate  
Concen: 19.640 ug/l  
RT: 8.695 min Scan# 1149  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

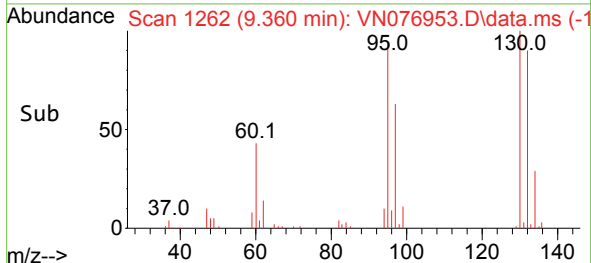
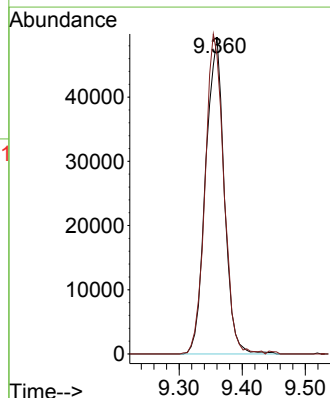
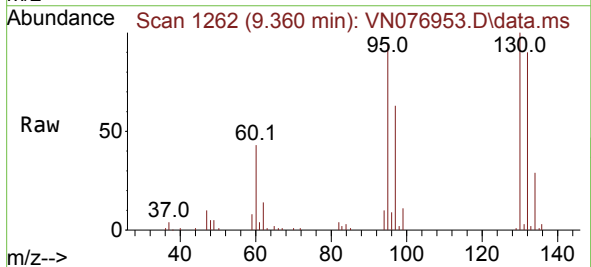
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

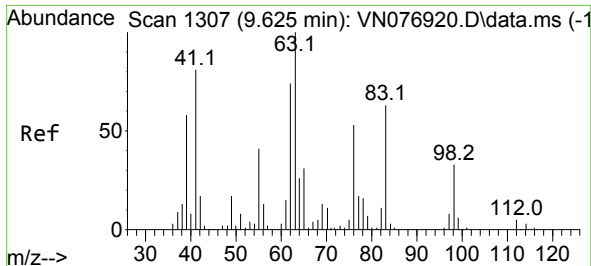
Tgt Ion: 43 Resp: 191977  
Ion Ratio Lower Upper  
43 100  
61 28.9 26.2 39.2  
87 15.9 14.8 22.2



#44  
Trichloroethene  
Concen: 19.106 ug/l  
RT: 9.360 min Scan# 1262  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion:130 Resp: 100773  
Ion Ratio Lower Upper  
130 100  
95 94.3 0.0 208.6

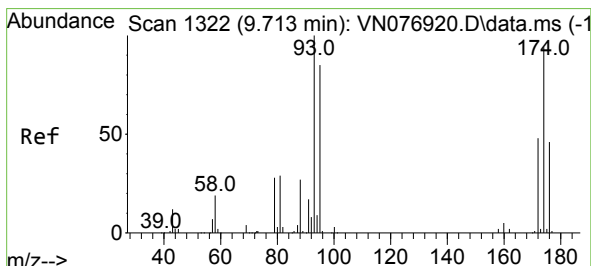
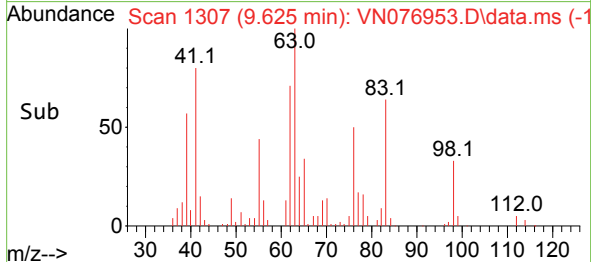
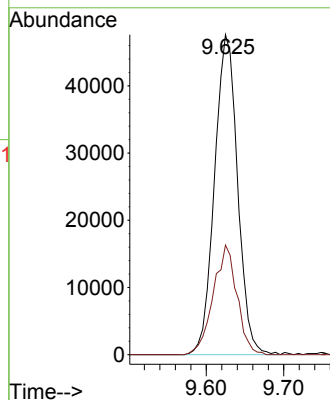
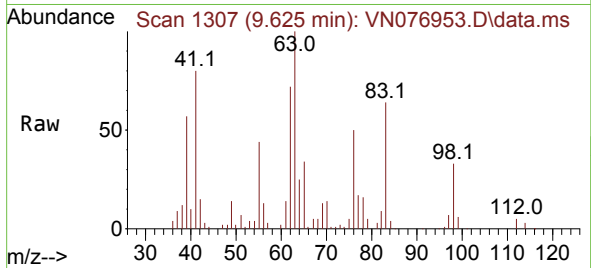




#45  
1,2-Dichloropropane  
Concen: 19.642 ug/l  
RT: 9.625 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

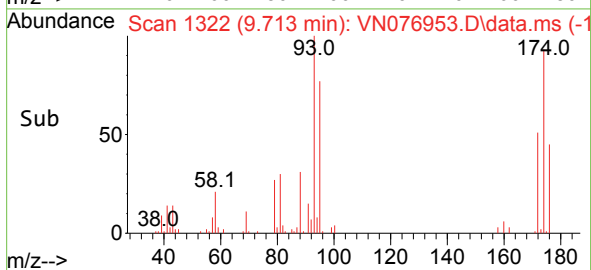
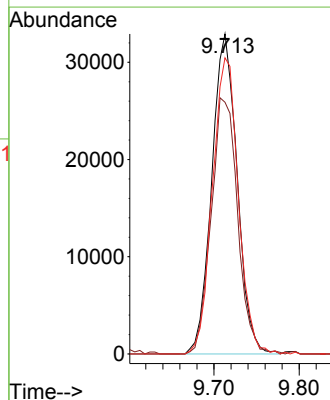
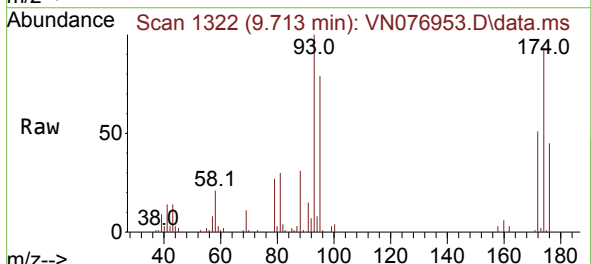
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

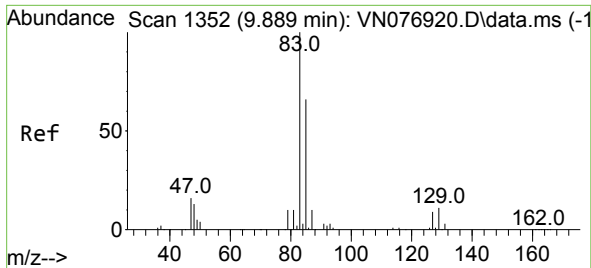
Tgt Ion: 63 Resp: 98631  
Ion Ratio Lower Upper  
63 100  
65 34.3 25.0 37.6



#46  
Dibromomethane  
Concen: 19.440 ug/l  
RT: 9.713 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 93 Resp: 68175  
Ion Ratio Lower Upper  
93 100  
95 83.5 65.7 98.5  
174 94.8 69.3 103.9

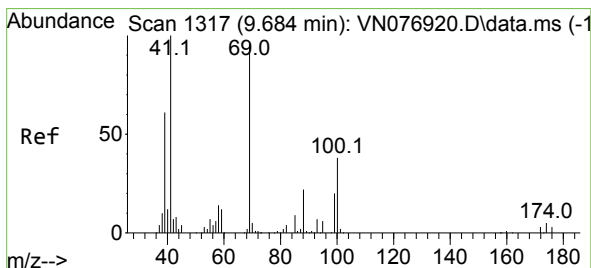
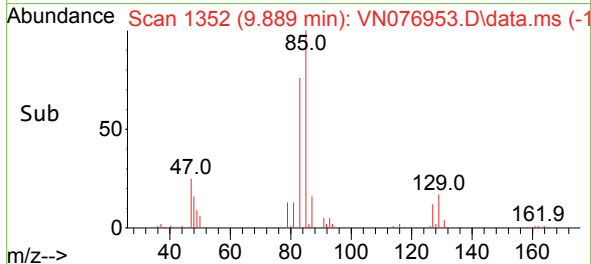
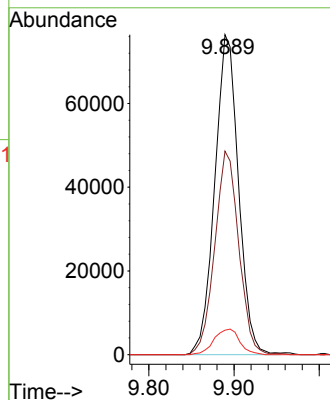
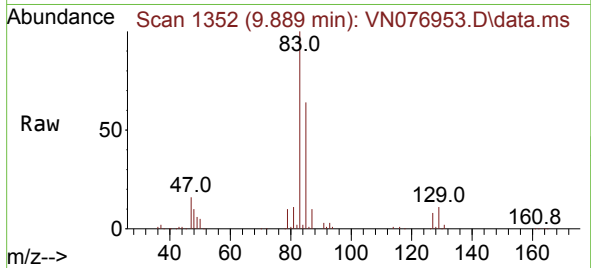




#47  
Bromodichloromethane  
Concen: 19.848 ug/l  
RT: 9.889 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

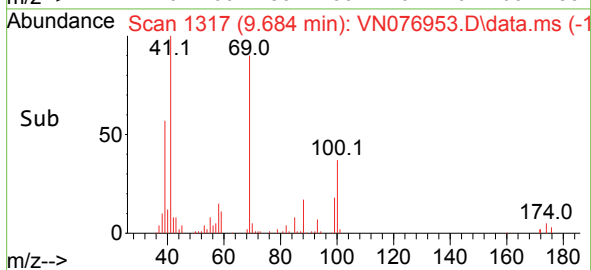
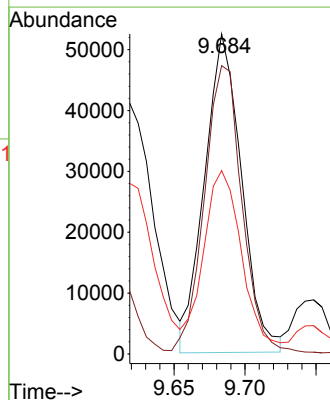
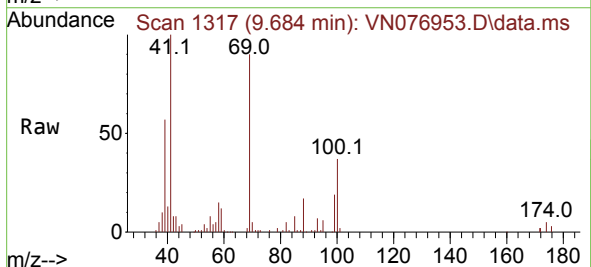
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

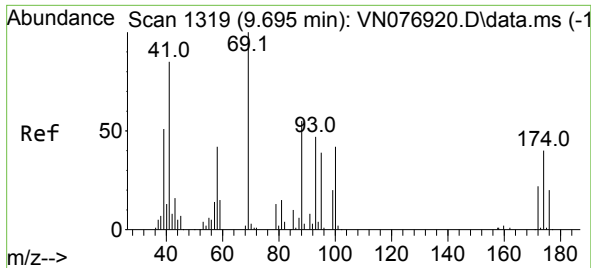
Tgt Ion: 83 Resp: 147668  
Ion Ratio Lower Upper  
83 100  
85 63.6 52.6 78.8  
127 7.7 7.0 10.6



#48  
Methyl methacrylate  
Concen: 19.761 ug/l  
RT: 9.684 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 41 Resp: 94640  
Ion Ratio Lower Upper  
41 100  
69 92.1 92.6 139.0#  
39 60.5 51.4 77.0





#49

1,4-Dioxane

Concen: 409.095 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA\_N

ClientSampleId :

VN0313WBS01

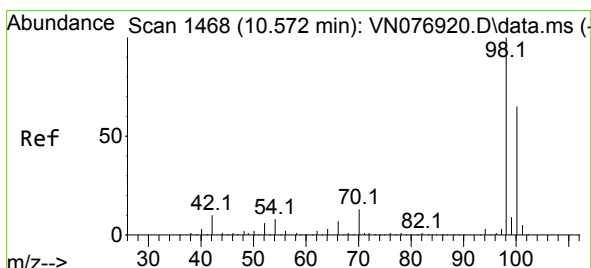
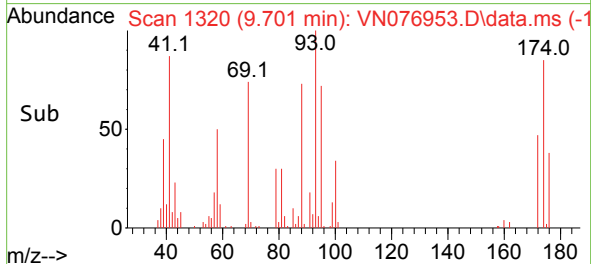
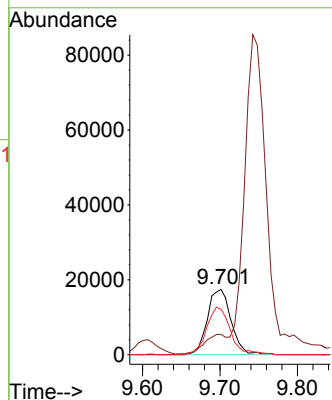
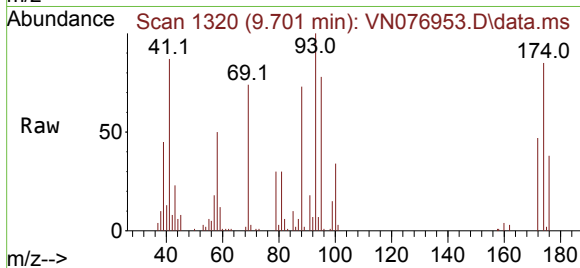
Tgt Ion: 88 Resp: 37099

Ion Ratio Lower Upper

88 100

43 27.0 15.3 22.9#

58 73.4 47.6 71.4#



#50

Toluene-d8

Concen: 51.815 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076953.D

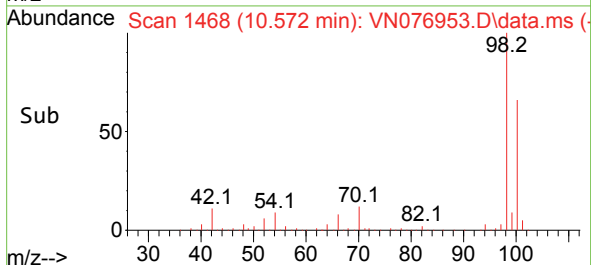
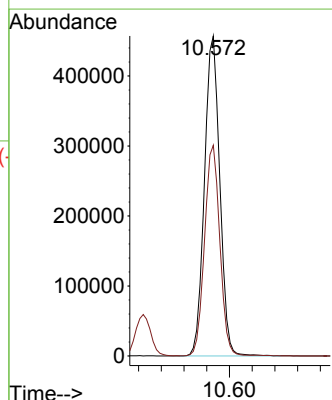
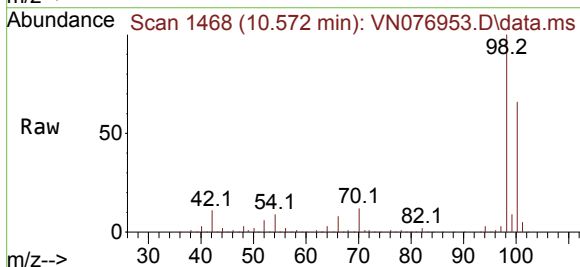
Acq: 13 Mar 2023 11:32

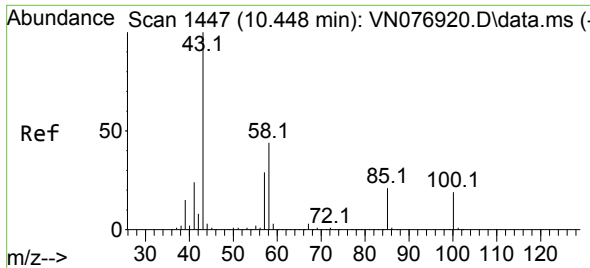
Tgt Ion: 98 Resp: 854921

Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2

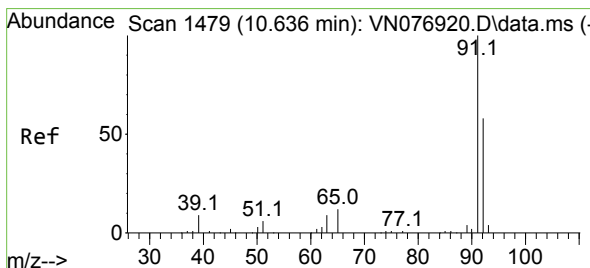
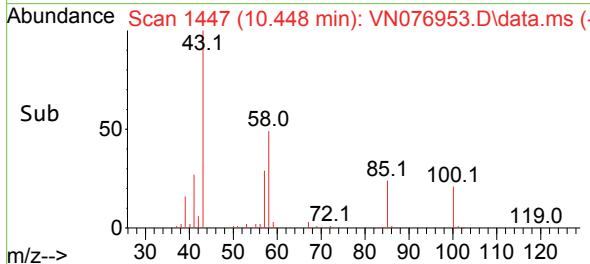
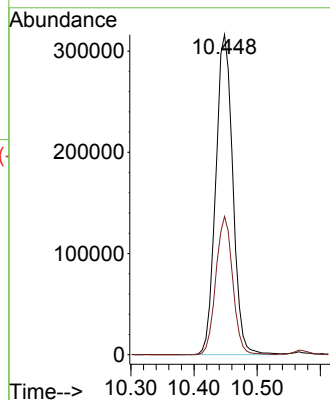
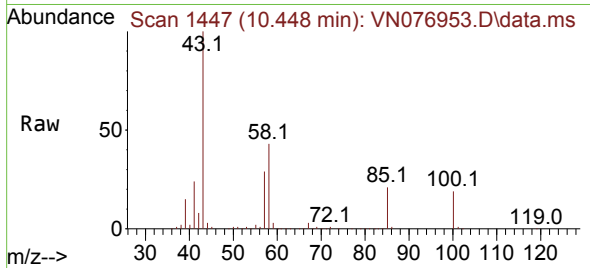




#51  
4-Methyl-2-Pentanone  
Concen: 101.231 ug/l  
RT: 10.448 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

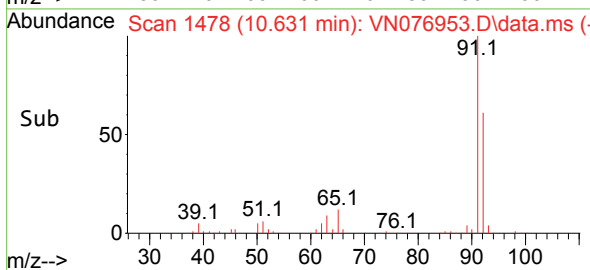
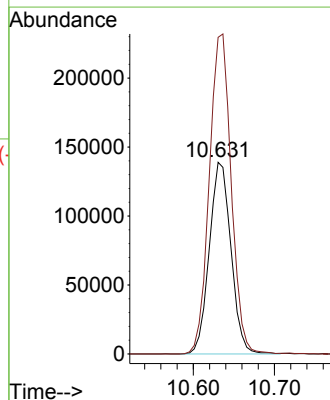
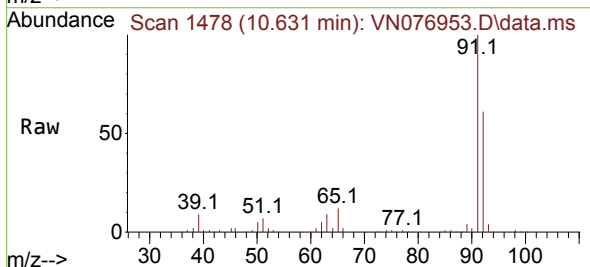
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

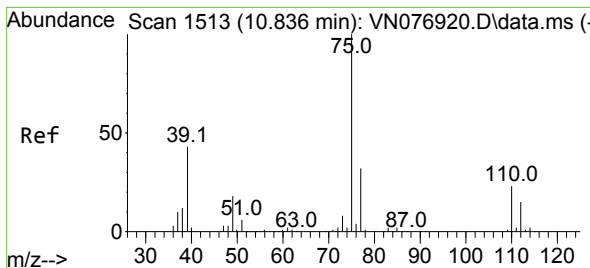
Tgt Ion: 43 Resp: 594409  
Ion Ratio Lower Upper  
43 100  
58 42.6 37.4 56.0



#52  
Toluene  
Concen: 20.503 ug/l  
RT: 10.631 min Scan# 1478  
Delta R.T. -0.005 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 92 Resp: 257543  
Ion Ratio Lower Upper  
92 100  
91 168.7 138.2 207.2

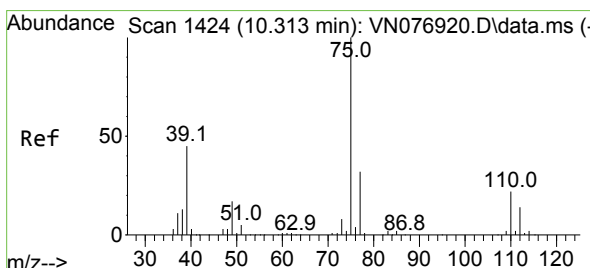
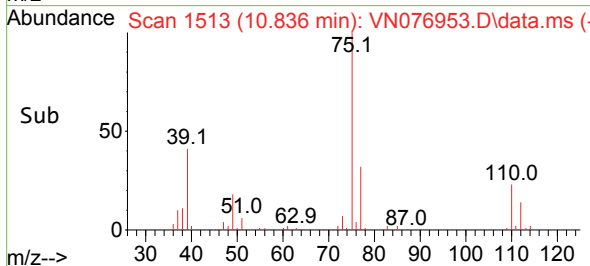
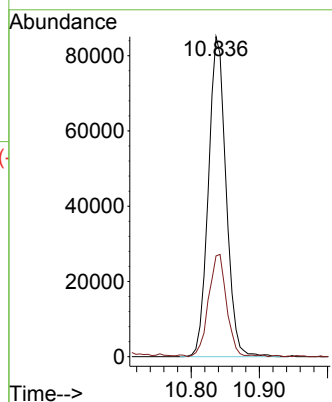
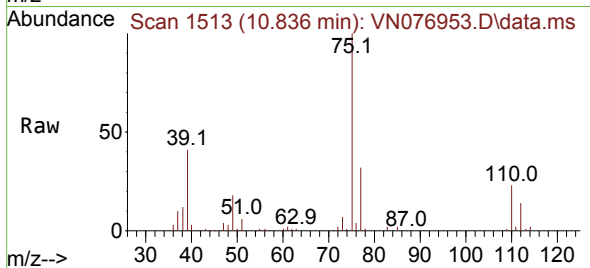




#53  
 t-1,3-Dichloropropene  
 Concen: 20.654 ug/l  
 RT: 10.836 min Scan# 1513  
 Delta R.T. 0.000 min  
 Lab File: VN076953.D  
 Acq: 13 Mar 2023 11:32

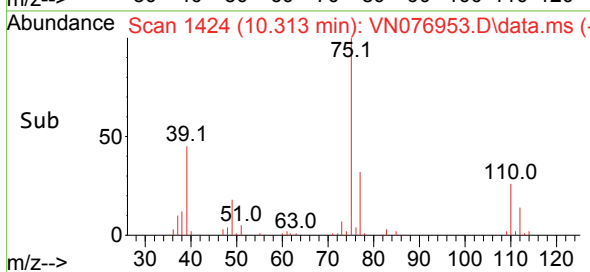
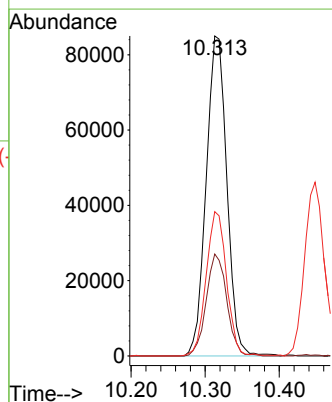
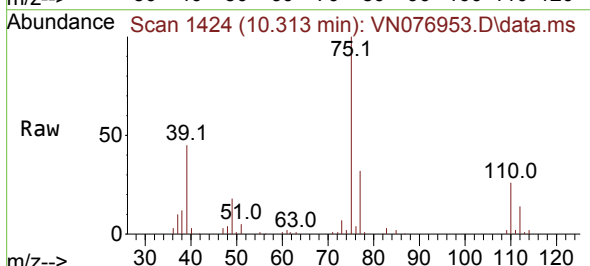
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0313WBS01

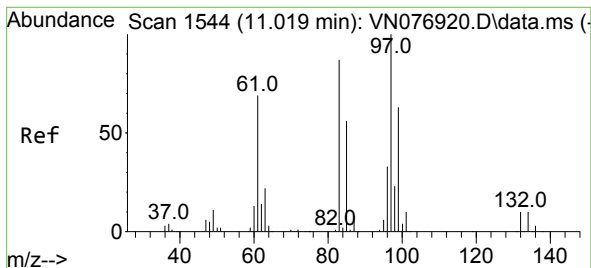
Tgt Ion: 75 Resp: 153199  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.0 37.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.248 ug/l  
 RT: 10.313 min Scan# 1424  
 Delta R.T. -0.000 min  
 Lab File: VN076953.D  
 Acq: 13 Mar 2023 11:32

Tgt Ion: 75 Resp: 164937  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.7 38.5  
 39 45.1 29.7 44.5#





#55

1,1,2-Trichloroethane

Concen: 19.464 ug/l

RT: 11.019 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA\_N

ClientSampleId :

VN0313WBS01

Tgt Ion: 97 Resp: 95127

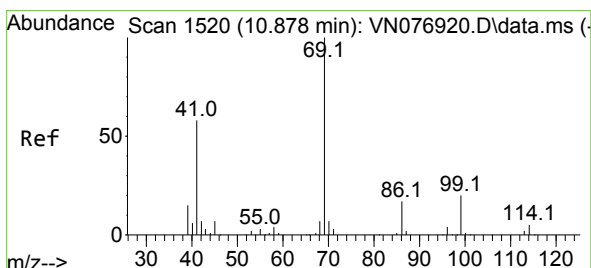
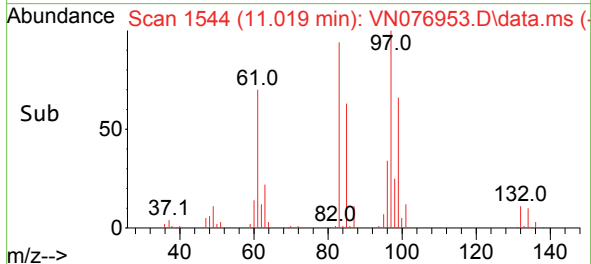
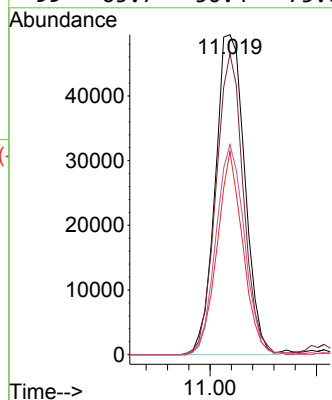
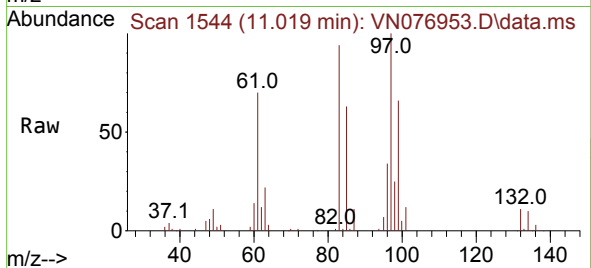
Ion Ratio Lower Upper

97 100

83 94.0 67.1 100.7

85 63.5 41.8 62.8#

99 65.7 50.4 75.6



#56

Ethyl methacrylate

Concen: 20.454 ug/l

RT: 10.878 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

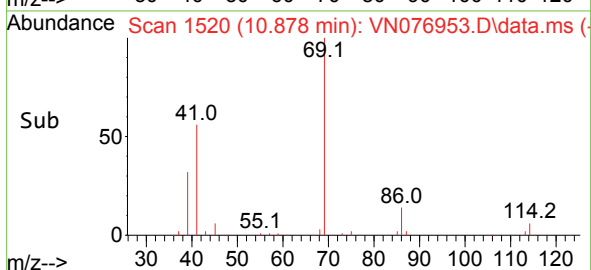
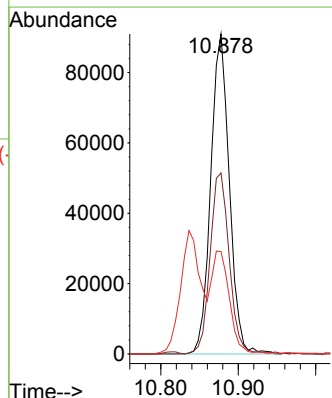
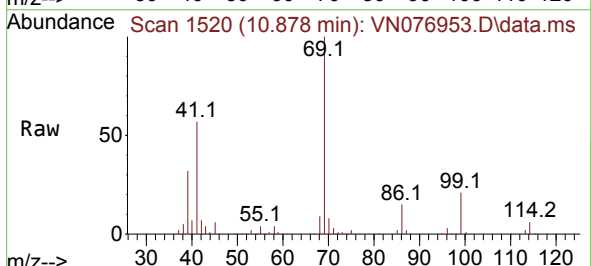
Tgt Ion: 69 Resp: 151622

Ion Ratio Lower Upper

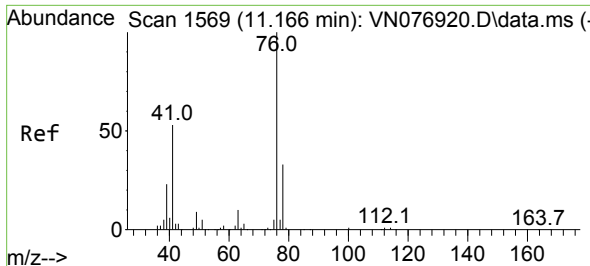
69 100

41 58.2 38.0 57.0#

39 30.8 22.4 33.6



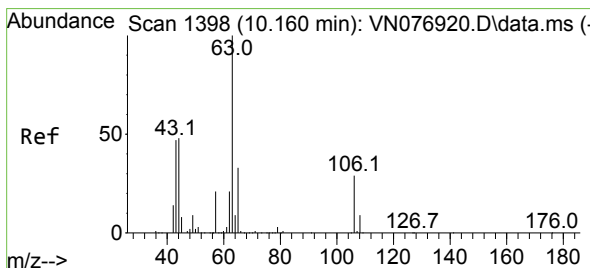
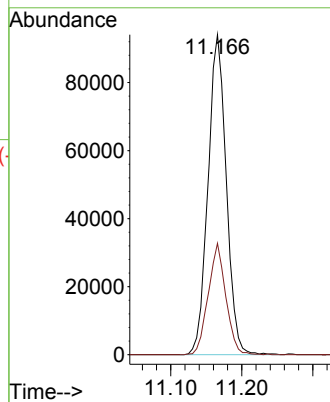
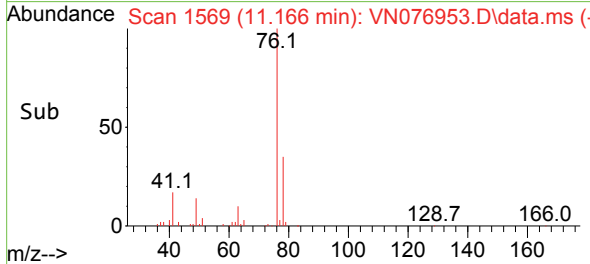
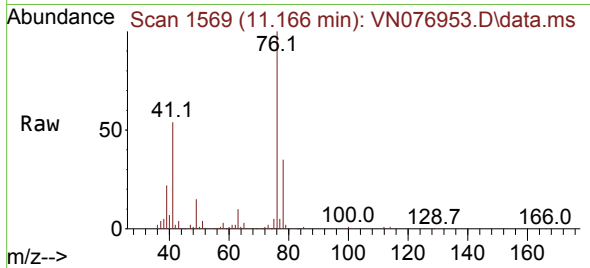




#57  
1,3-Dichloropropane  
Concen: 19.529 ug/l  
RT: 11.166 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

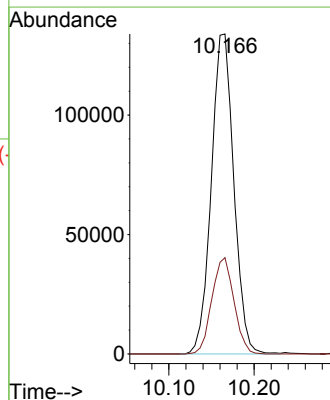
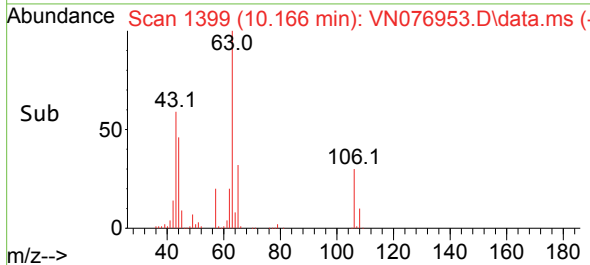
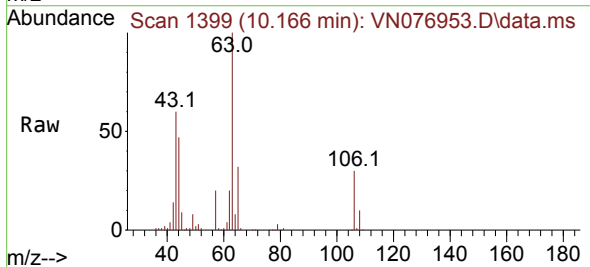
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

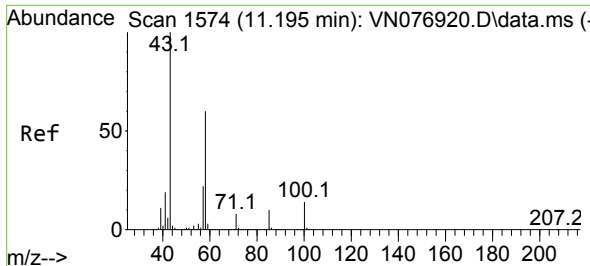
Tgt Ion: 76 Resp: 168301  
Ion Ratio Lower Upper  
76 100  
78 33.5 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 104.079 ug/l  
RT: 10.166 min Scan# 1399  
Delta R.T. 0.006 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 63 Resp: 245680  
Ion Ratio Lower Upper  
63 100  
106 29.5 25.6 38.4

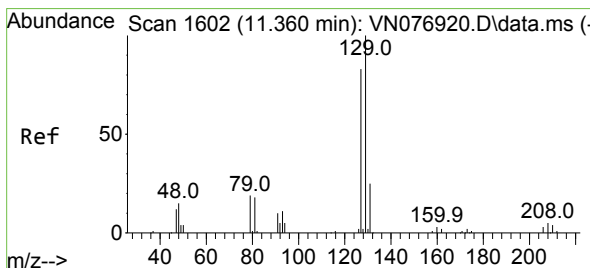
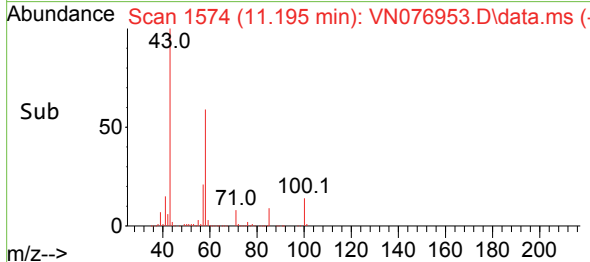
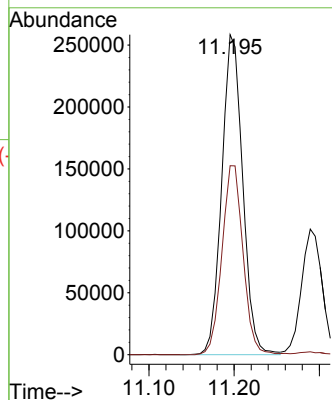
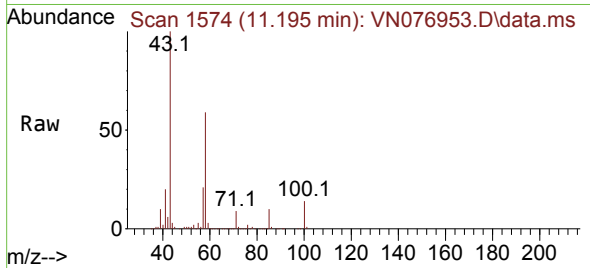




#59  
2-Hexanone  
Concen: 103.193 ug/l  
RT: 11.195 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

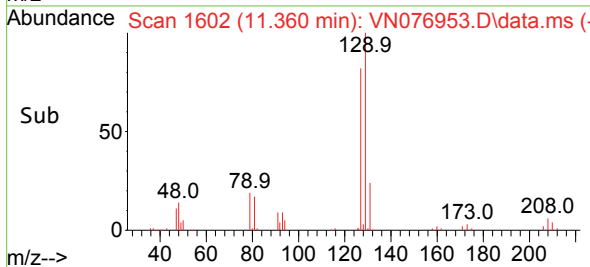
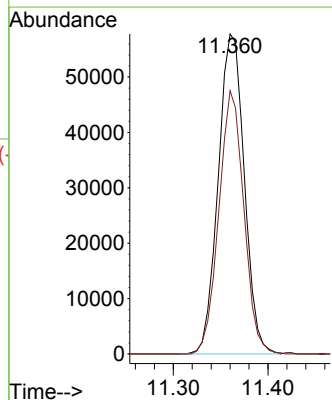
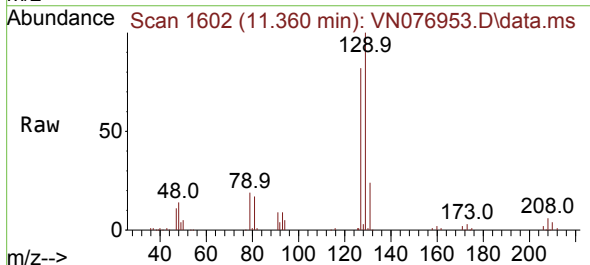
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

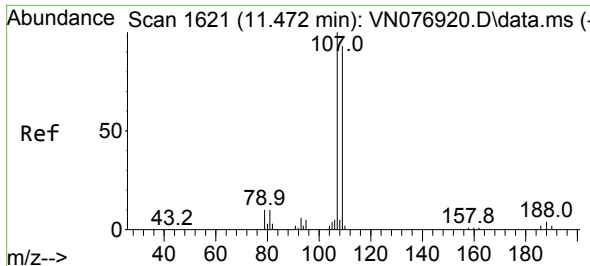
Tgt Ion: 43 Resp: 441802  
Ion Ratio Lower Upper  
43 100  
58 59.4 32.6 98.0



#60  
Dibromochloromethane  
Concen: 20.523 ug/l  
RT: 11.360 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion:129 Resp: 110507  
Ion Ratio Lower Upper  
129 100  
127 78.9 39.6 118.8

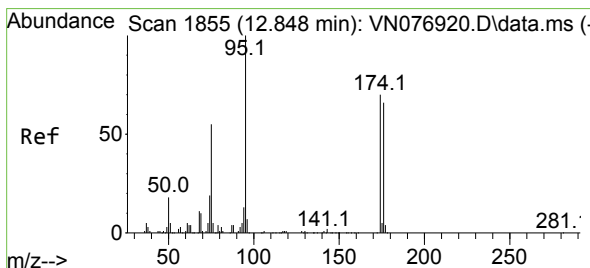
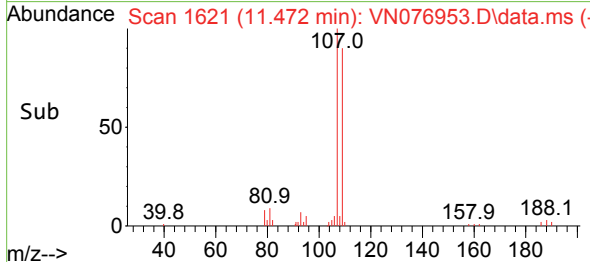
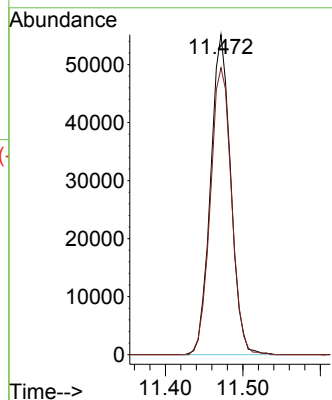
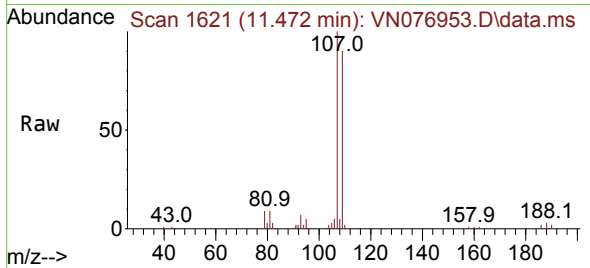




#61  
1,2-Dibromoethane  
Concen: 20.336 ug/l  
RT: 11.472 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

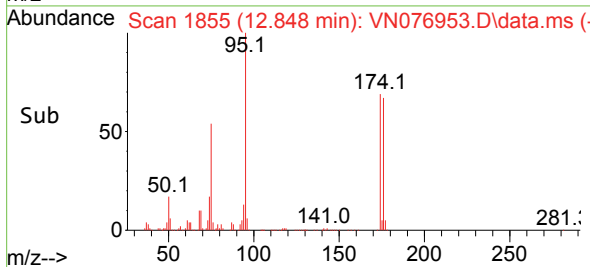
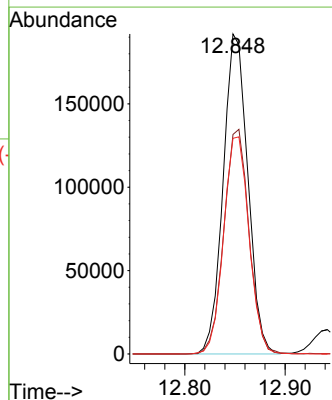
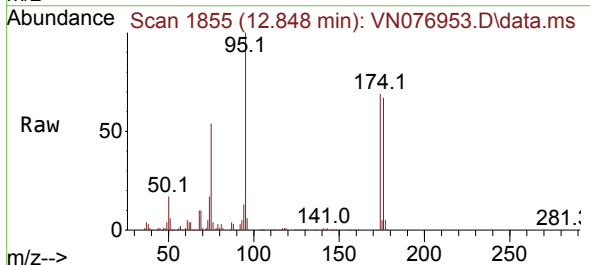
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

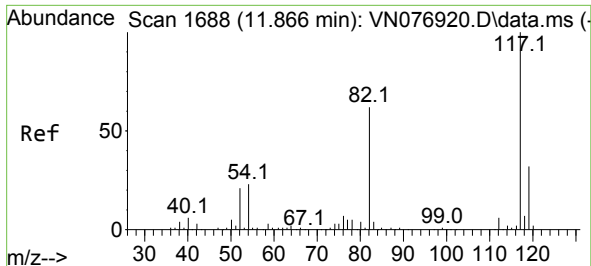
Tgt Ion:107 Resp: 99614  
Ion Ratio Lower Upper  
107 100  
109 93.9 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 54.226 ug/l  
RT: 12.848 min Scan# 1855  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 95 Resp: 327249  
Ion Ratio Lower Upper  
95 100  
174 71.7 0.0 162.4  
176 70.0 0.0 157.4

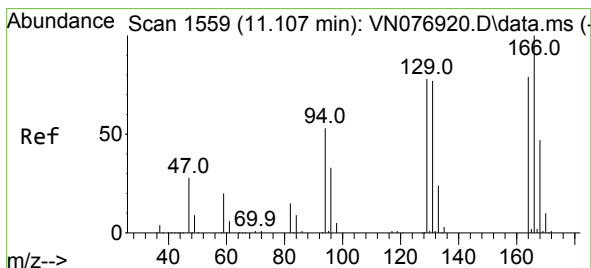
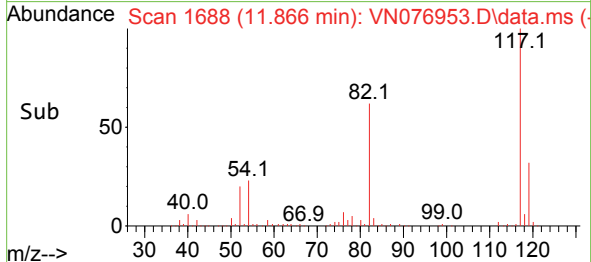
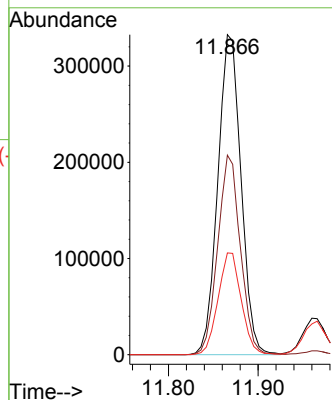
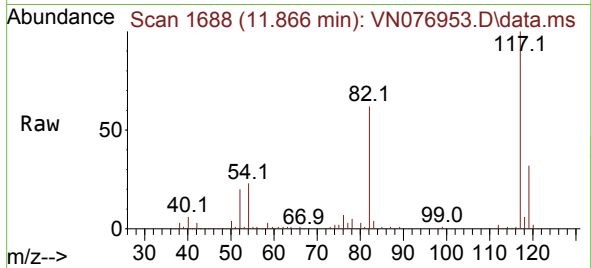




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

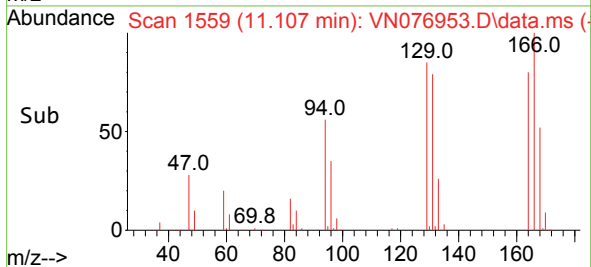
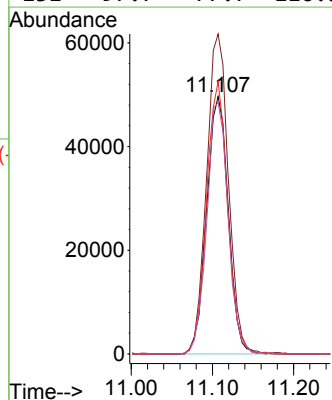
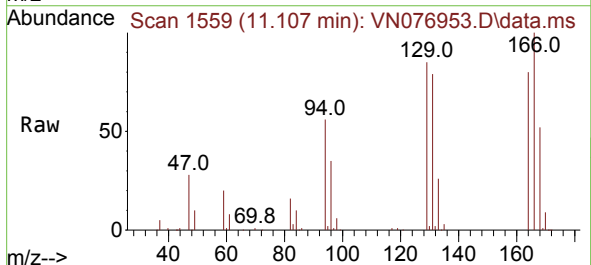
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

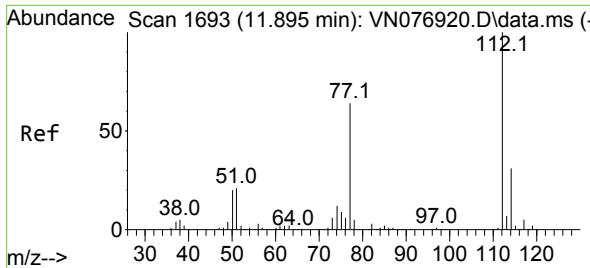
Tgt Ion:117 Resp: 597563  
Ion Ratio Lower Upper  
117 100  
82 62.4 43.5 65.3  
119 31.8 25.5 38.3



#64  
Tetrachloroethene  
Concen: 19.126 ug/l  
RT: 11.107 min Scan# 1559  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion:164 Resp: 92497  
Ion Ratio Lower Upper  
164 100  
166 124.3 102.7 154.1  
129 105.8 81.5 122.3  
131 97.7 77.7 116.5

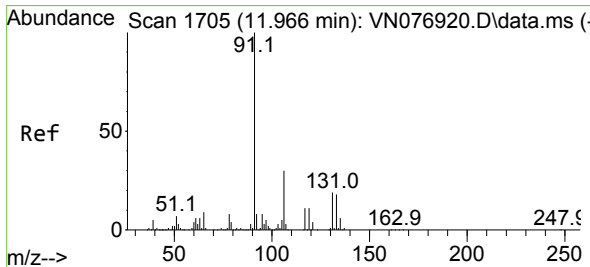
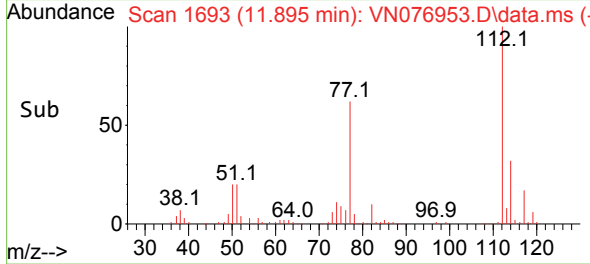
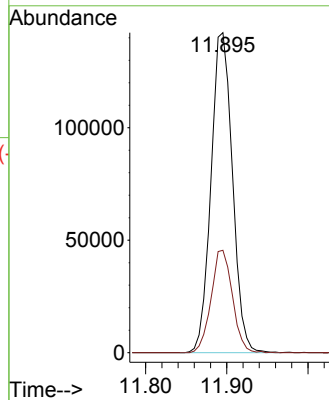
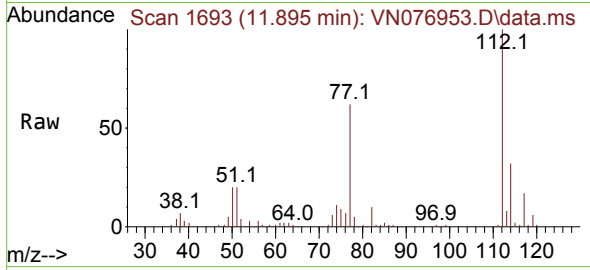




#65  
Chlorobenzene  
Concen: 19.529 ug/l  
RT: 11.895 min Scan# 1189  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

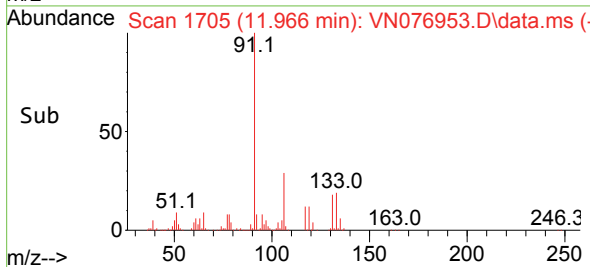
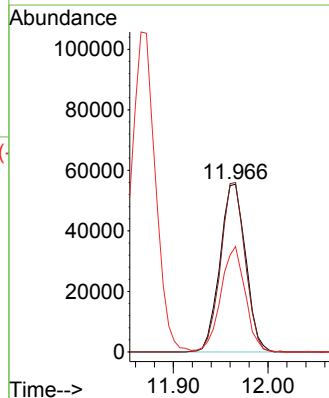
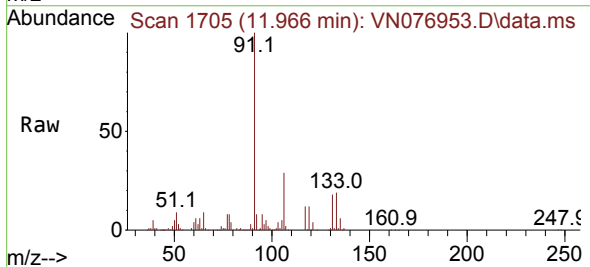
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

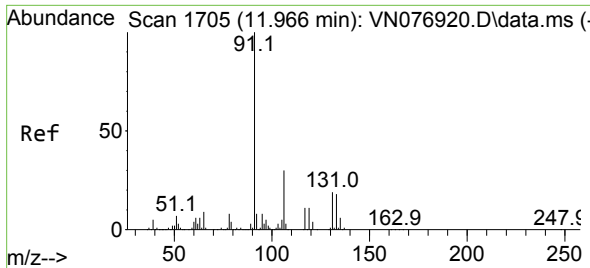
Tgt Ion:112 Resp: 261034  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.027 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion:131 Resp: 104500  
Ion Ratio Lower Upper  
131 100  
133 96.5 47.9 143.8  
119 59.8 33.1 99.2

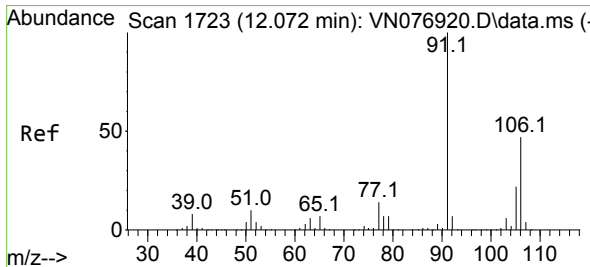
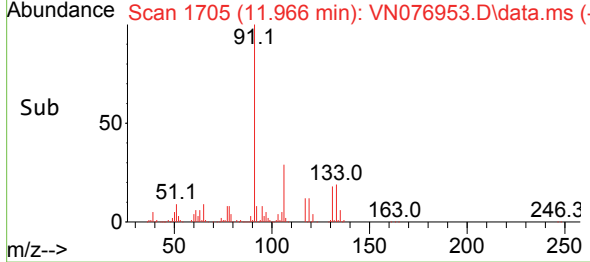
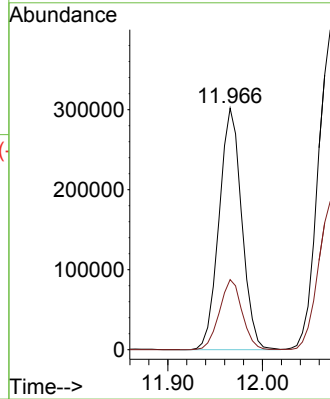
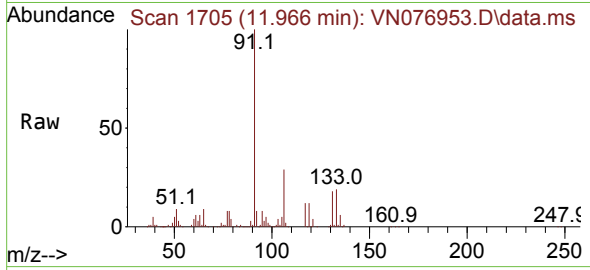




#67  
Ethyl Benzene  
Concen: 20.437 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

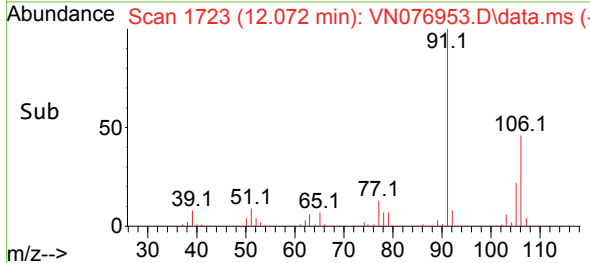
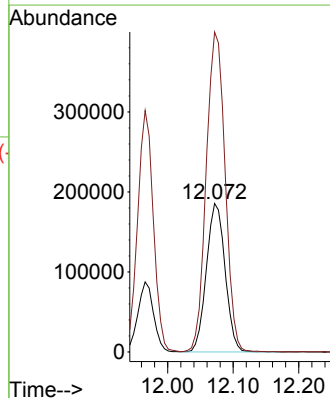
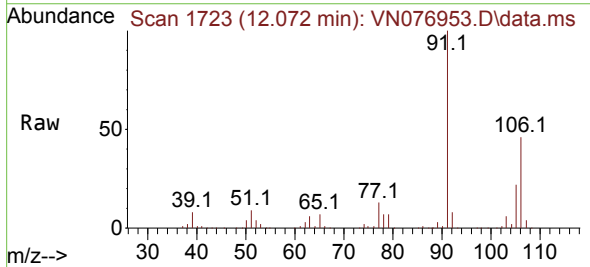
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

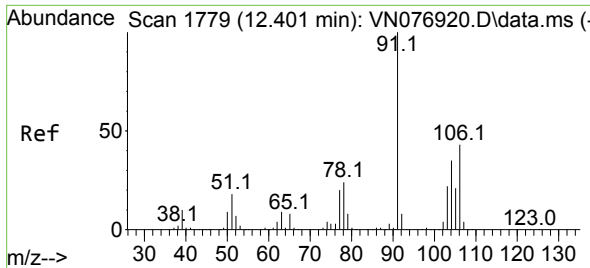
Tgt Ion: 91 Resp: 502301  
Ion Ratio Lower Upper  
91 100  
106 29.0 25.1 37.7



#68  
m/p-Xylenes  
Concen: 39.939 ug/l  
RT: 12.072 min Scan# 1723  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion:106 Resp: 368955  
Ion Ratio Lower Upper  
106 100  
91 217.3 158.0 237.0

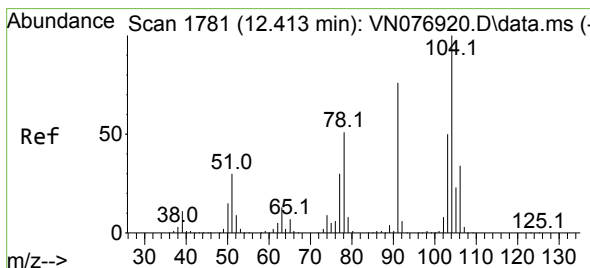
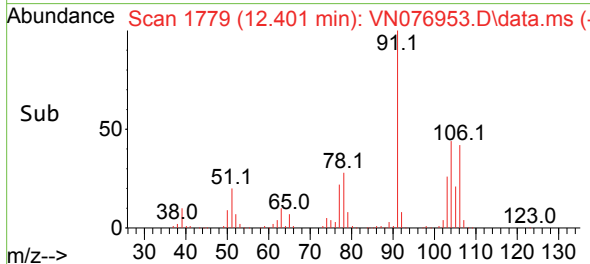
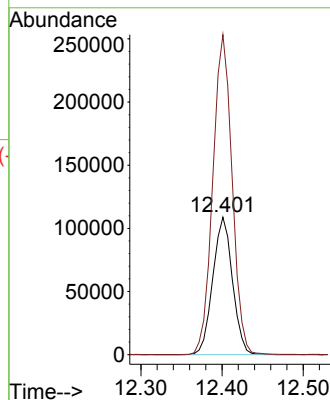
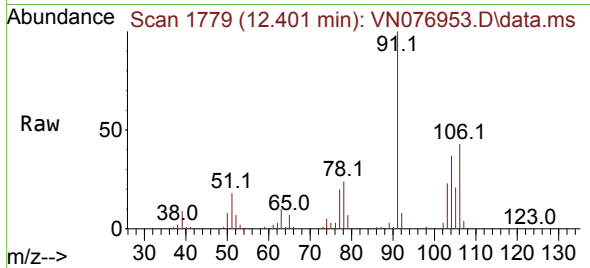




#69  
o-Xylene  
Concen: 20.419 ug/l  
RT: 12.401 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

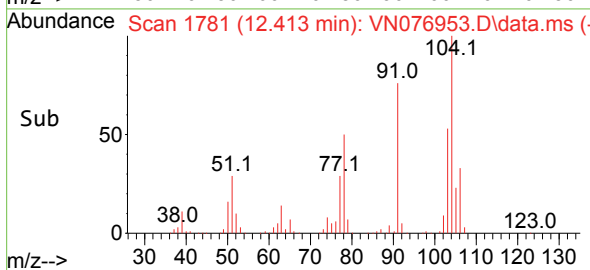
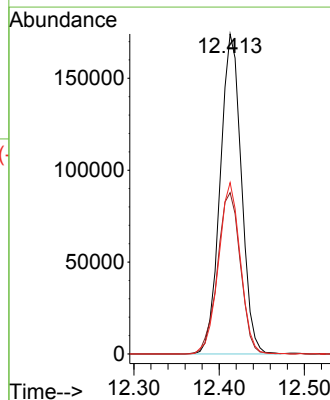
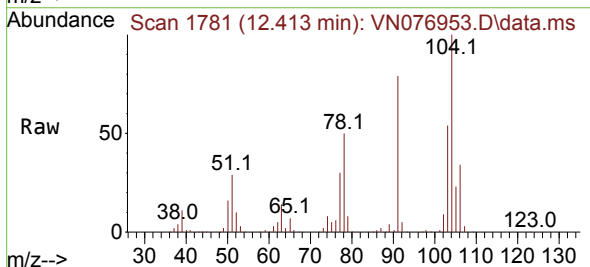
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

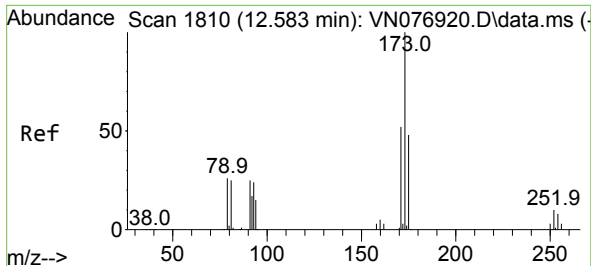
Tgt Ion:106 Resp: 183124  
Ion Ratio Lower Upper  
106 100  
91 229.0 101.8 305.4



#70  
Styrene  
Concen: 20.770 ug/l  
RT: 12.413 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion:104 Resp: 300934  
Ion Ratio Lower Upper  
104 100  
78 54.6 36.6 55.0  
103 55.1 43.4 65.0

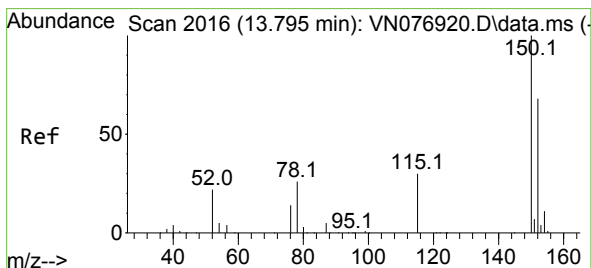
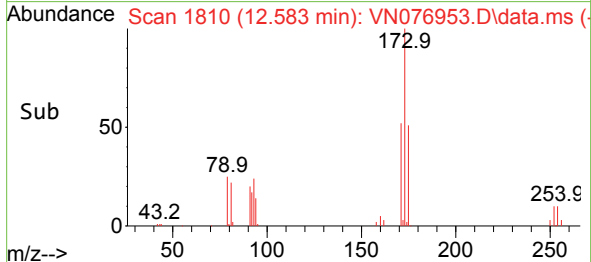
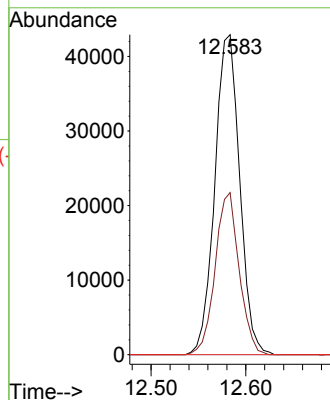
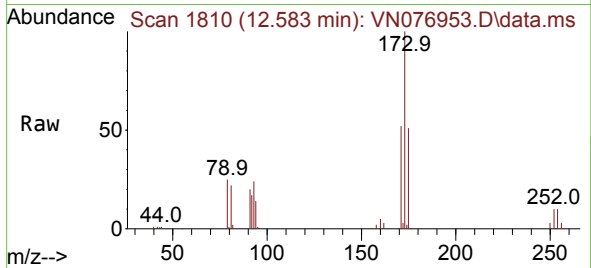




#71  
Bromoform  
Concen: 20.727 ug/l  
RT: 12.583 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

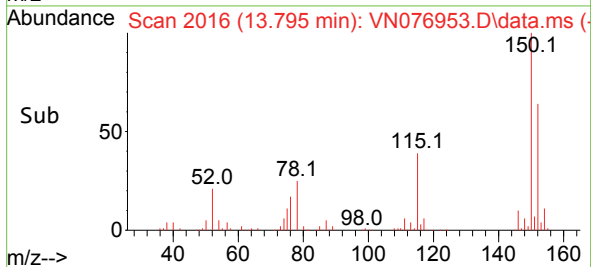
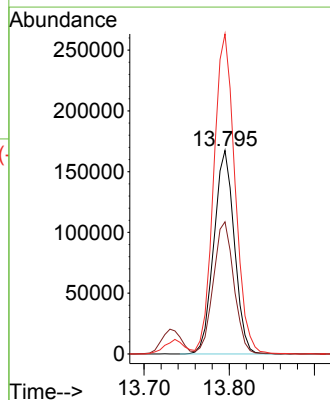
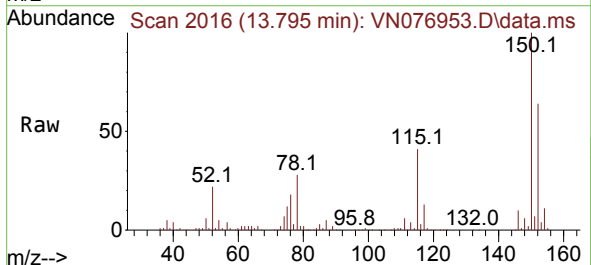
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

Tgt Ion:173 Resp: 78380  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.9 74.6  
254 0.0 0.0 0.0

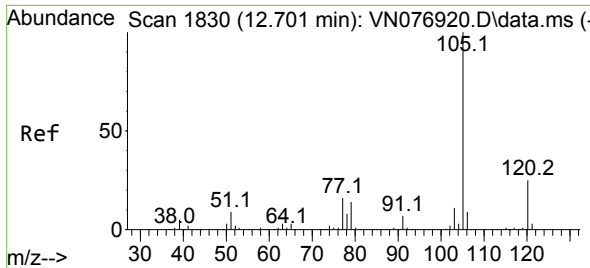


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion:152 Resp: 279600  
Ion Ratio Lower Upper  
152 100  
115 65.2 30.3 90.9  
150 163.7 0.0 353.6



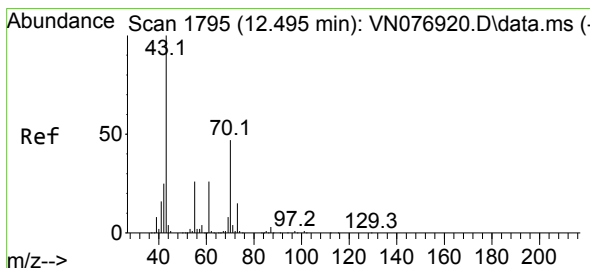
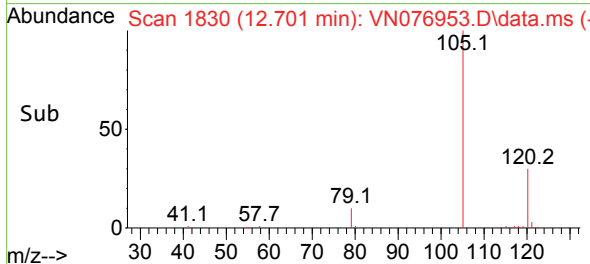
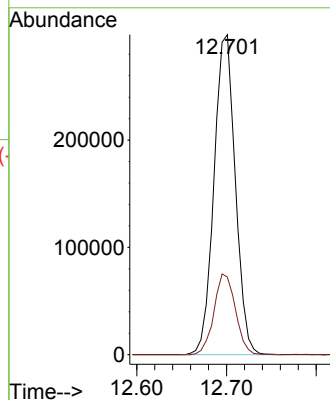
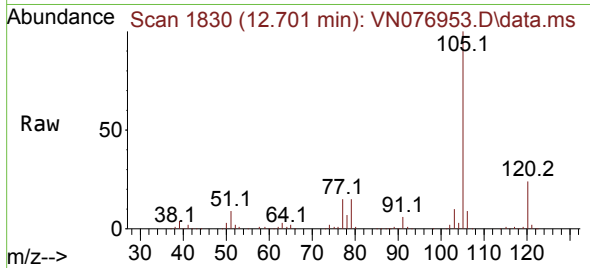




#73  
Isopropylbenzene  
Concen: 19.750 ug/l  
RT: 12.701 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

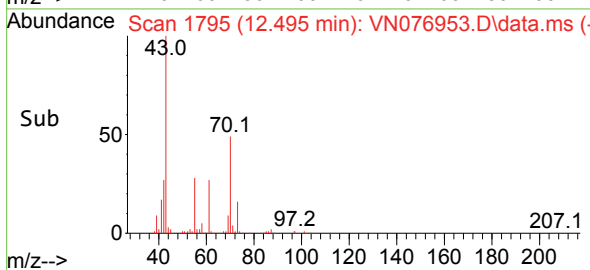
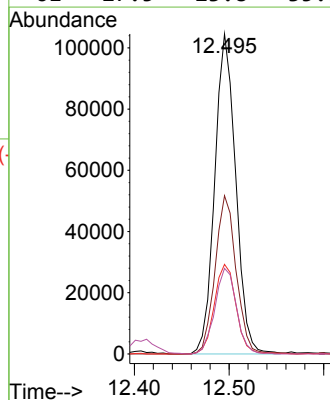
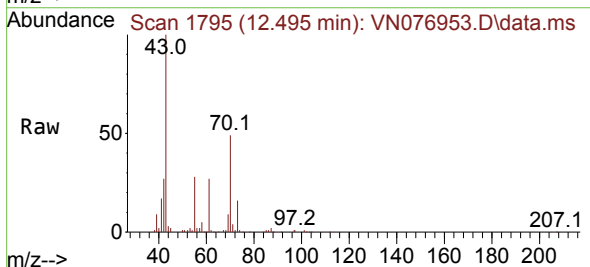
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

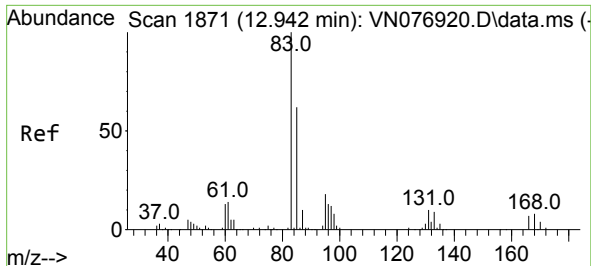
Tgt Ion:105 Resp: 492043  
Ion Ratio Lower Upper  
105 100  
120 25.5 13.8 41.4



#74  
N-ethyl acetate  
Concen: 19.512 ug/l  
RT: 12.495 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 43 Resp: 160954  
Ion Ratio Lower Upper  
43 100  
70 49.8 46.8 70.2  
55 29.0 23.4 35.2  
61 27.5 23.8 35.8

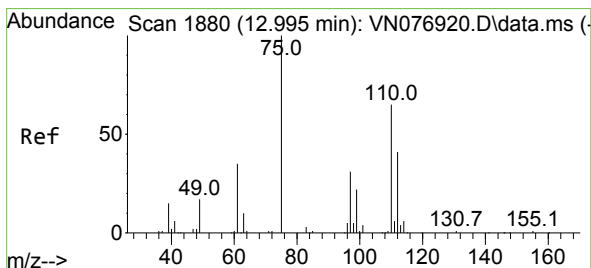
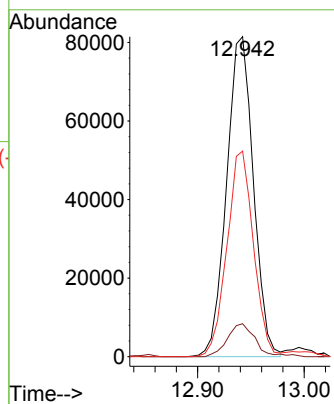
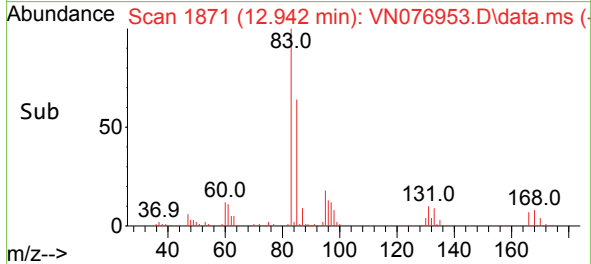
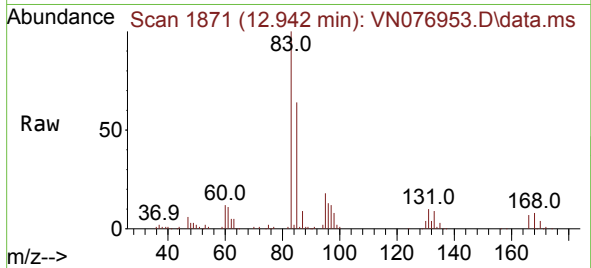




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.451 ug/l  
 RT: 12.942 min Scan# 1871  
 Delta R.T. 0.000 min  
 Lab File: VN076953.D  
 Acq: 13 Mar 2023 11:32

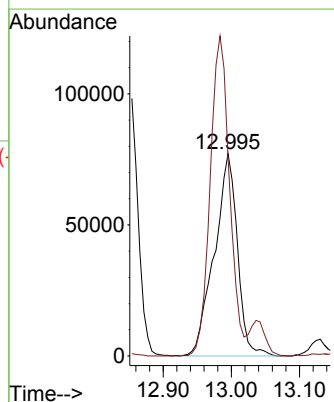
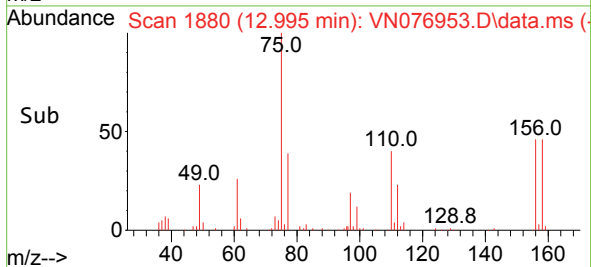
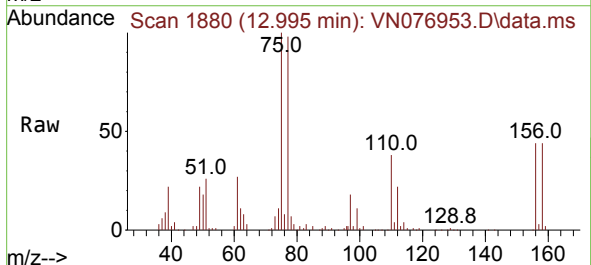
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0313WBS01

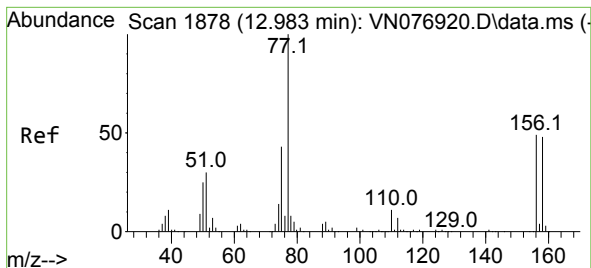
Tgt Ion: 83 Resp: 142591  
 Ion Ratio Lower Upper  
 83 100  
 131 10.8 5.3 16.1  
 85 63.6 32.0 96.0



#76  
 1,2,3-Trichloropropane  
 Concen: 26.801 ug/l  
 RT: 12.995 min Scan# 1880  
 Delta R.T. 0.000 min  
 Lab File: VN076953.D  
 Acq: 13 Mar 2023 11:32

Tgt Ion: 75 Resp: 181674  
 Ion Ratio Lower Upper  
 75 100  
 77 132.6 93.8 281.4





#77

Bromobenzene

Concen: 19.598 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA\_N

ClientSampleId :

VN0313WBS01

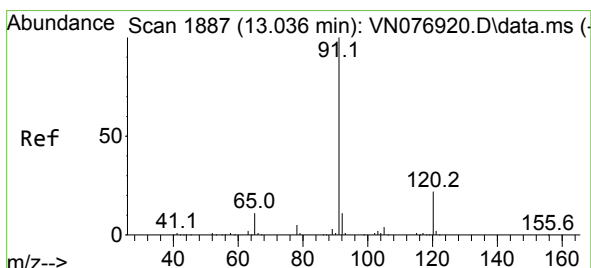
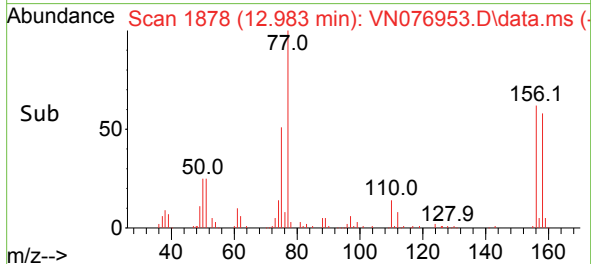
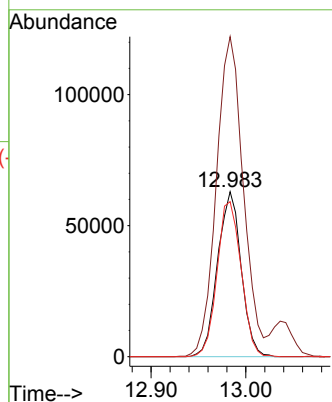
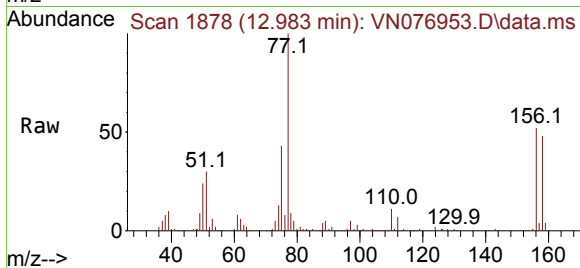
Tgt Ion:156 Resp: 109157

Ion Ratio Lower Upper

156 100

77 220.7 101.3 303.7

158 95.7 48.9 146.7



#78

n-propylbenzene

Concen: 19.917 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN076953.D

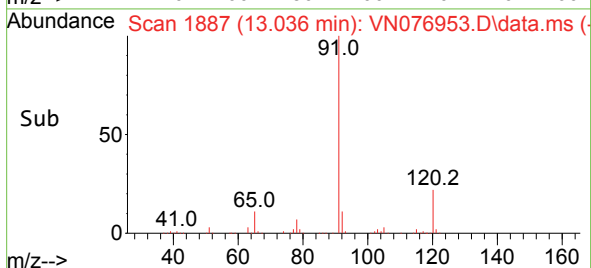
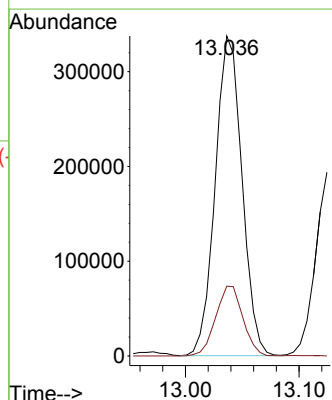
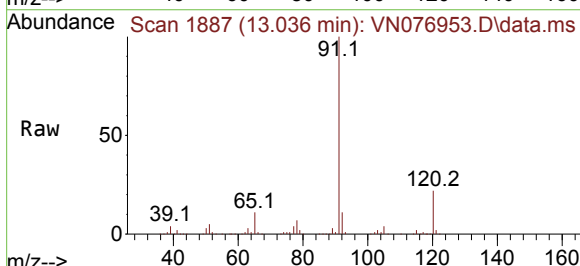
Acq: 13 Mar 2023 11:32

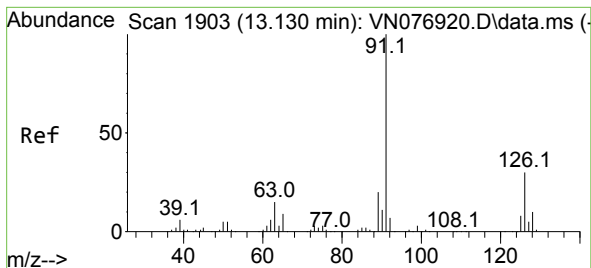
Tgt Ion: 91 Resp: 552580

Ion Ratio Lower Upper

91 100

120 22.2 11.9 35.7

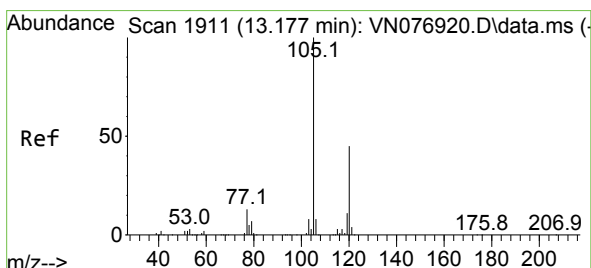
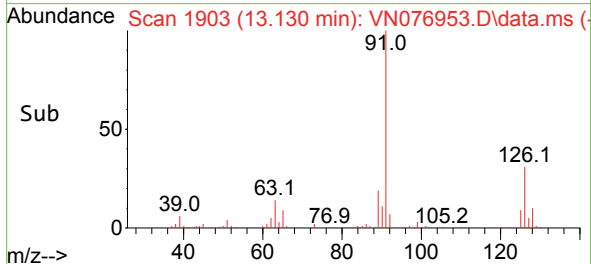
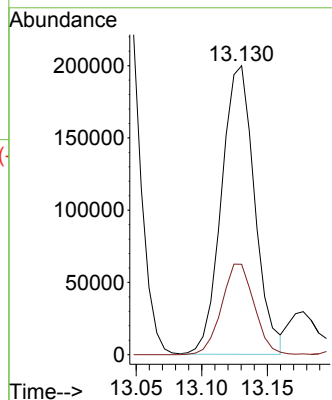
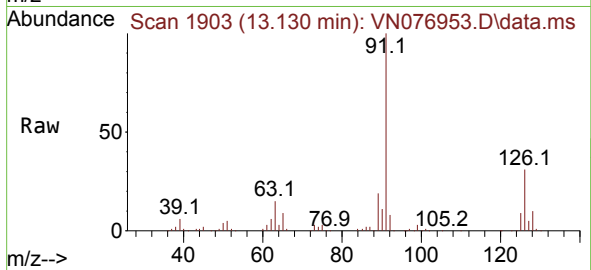




#79  
2-Chlorotoluene  
Concen: 19.554 ug/l  
RT: 13.130 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

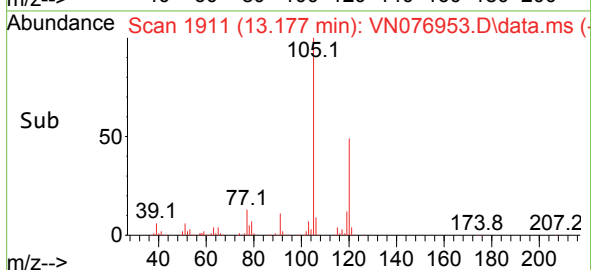
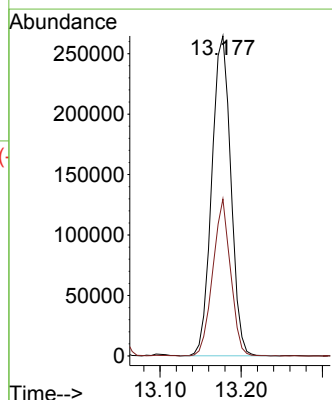
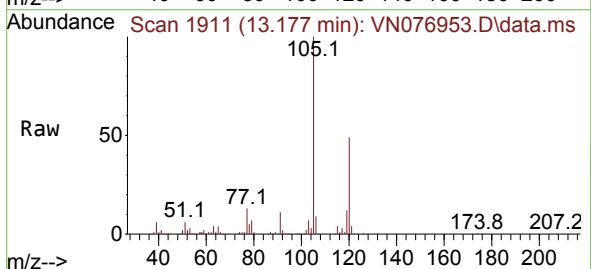
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

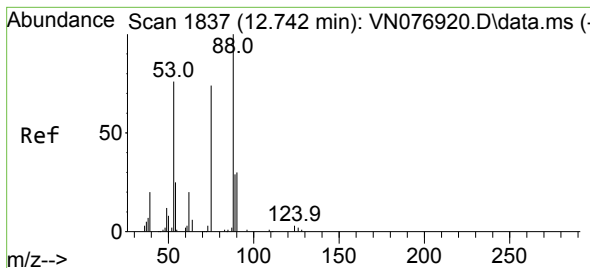
Tgt Ion: 91 Resp: 351795  
Ion Ratio Lower Upper  
91 100  
126 30.9 17.7 53.1



#80  
1,3,5-Trimethylbenzene  
Concen: 20.264 ug/l  
RT: 13.177 min Scan# 1911  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 105 Resp: 430065  
Ion Ratio Lower Upper  
105 100  
120 45.8 25.2 75.6

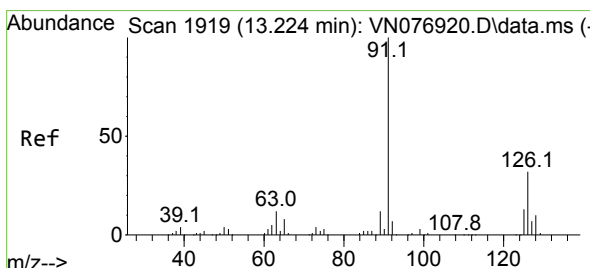
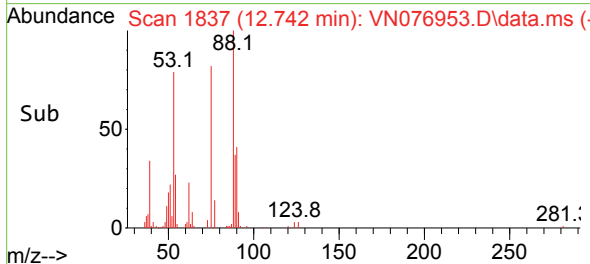
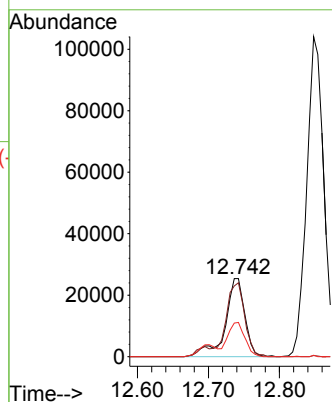
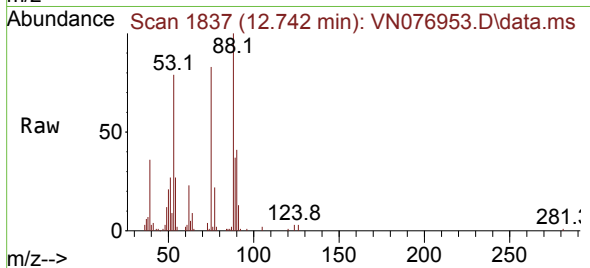




#81  
trans-1,4-Dichloro-2-butene  
Concen: 23.462 ug/l  
RT: 12.742 min Scan# 1837  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

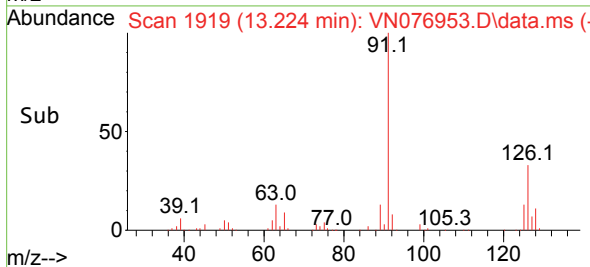
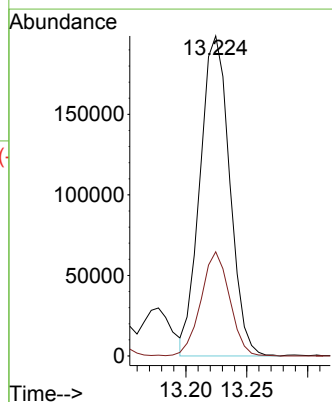
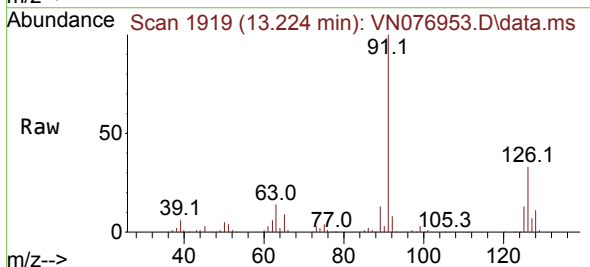
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

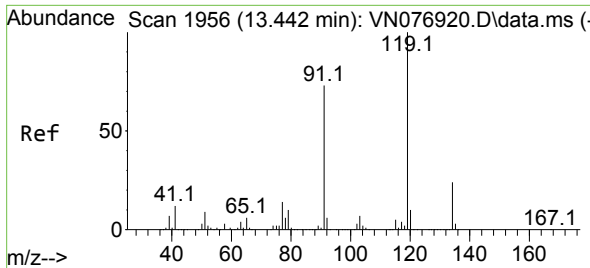
Tgt Ion: 75 Resp: 48689  
Ion Ratio Lower Upper  
75 100  
53 90.1 67.4 101.0  
89 39.3 39.5 59.3#



#82  
4-Chlorotoluene  
Concen: 19.780 ug/l  
RT: 13.224 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 91 Resp: 336269  
Ion Ratio Lower Upper  
91 100  
126 31.5 18.0 54.0

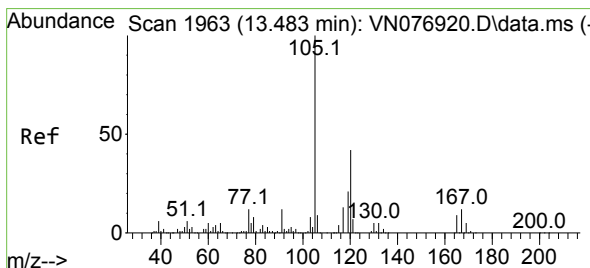
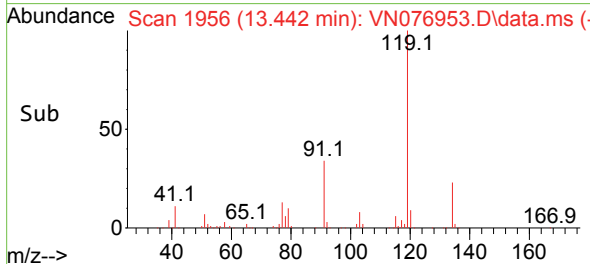
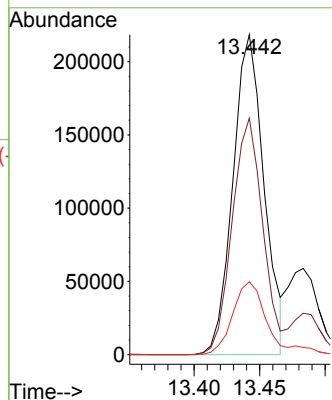
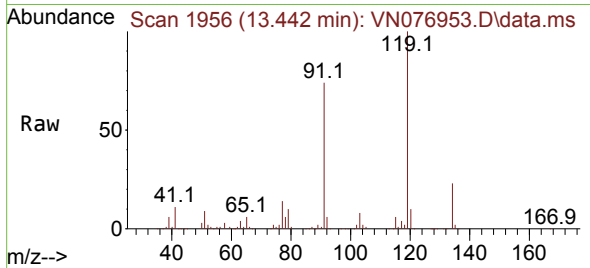




#83  
tert-Butylbenzene  
Concen: 20.029 ug/l  
RT: 13.442 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

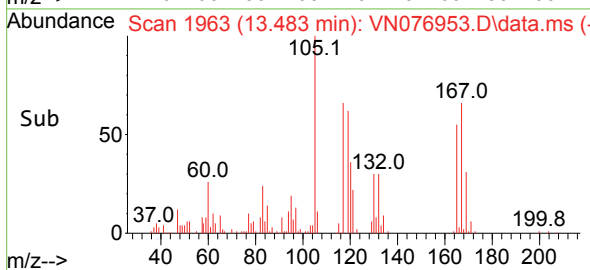
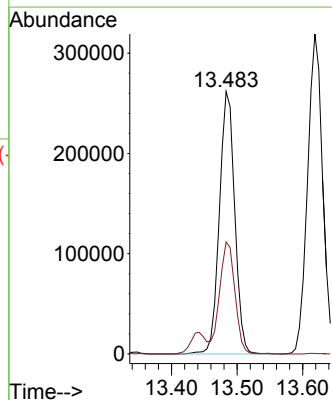
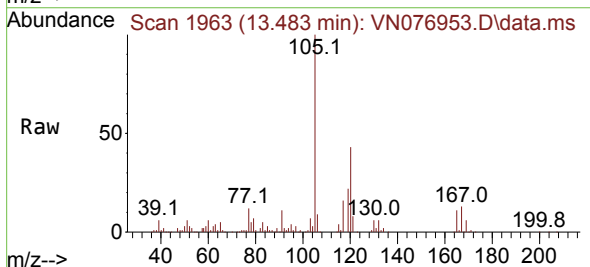
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

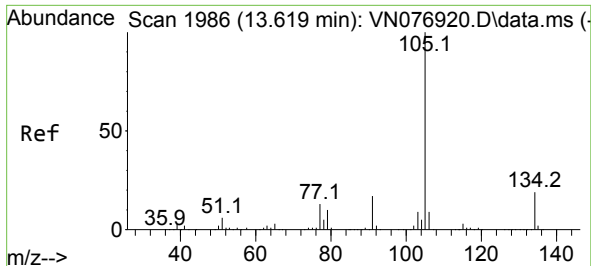
Tgt Ion:119 Resp: 361118  
Ion Ratio Lower Upper  
119 100  
91 74.1 31.9 95.5  
134 25.4 13.8 41.4



#84  
1,2,4-Trimethylbenzene  
Concen: 19.937 ug/l  
RT: 13.483 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion:105 Resp: 423328  
Ion Ratio Lower Upper  
105 100  
120 43.3 23.6 70.8

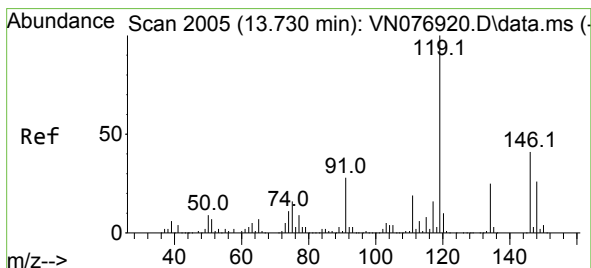
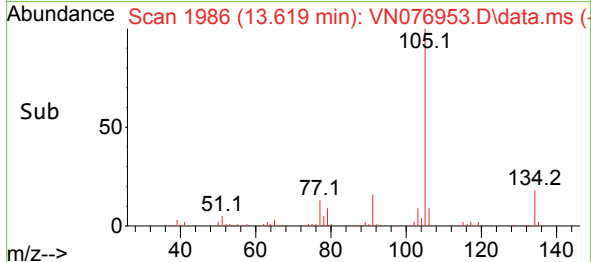
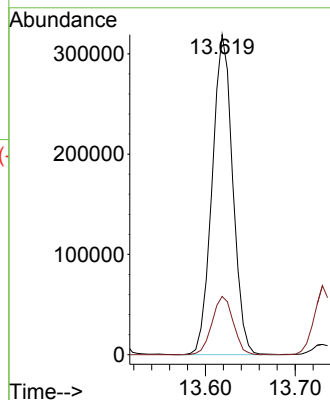
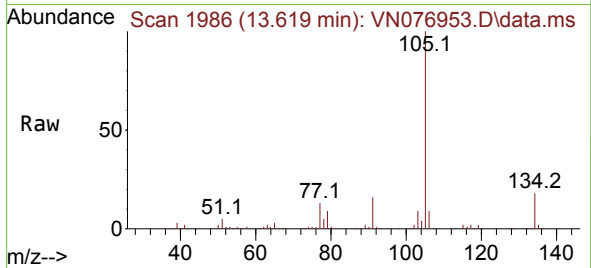




#85  
 sec-Butylbenzene  
 Concen: 20.566 ug/l  
 RT: 13.619 min Scan# 1986  
 Delta R.T. -0.000 min  
 Lab File: VN076953.D  
 Acq: 13 Mar 2023 11:32

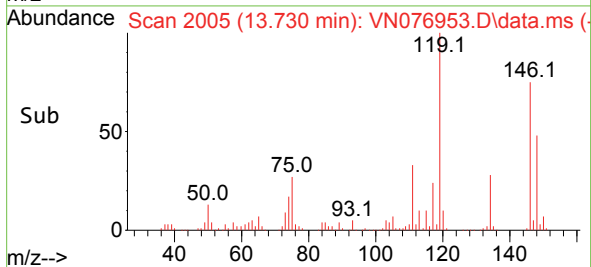
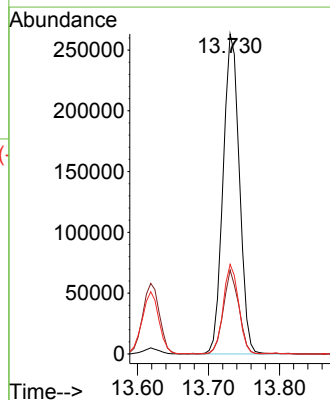
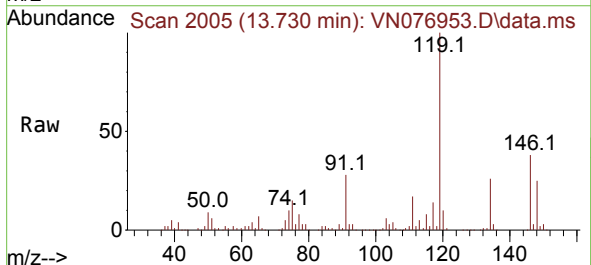
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0313WBS01

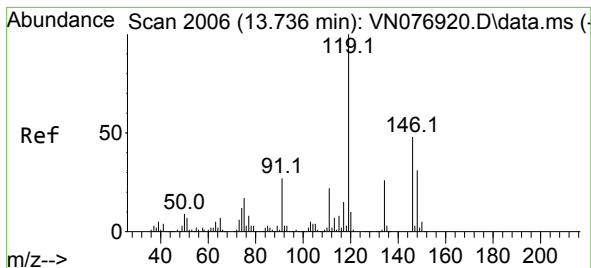
Tgt Ion:105 Resp: 508262  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 10.4 31.2



#86  
 p-Isopropyltoluene  
 Concen: 20.970 ug/l  
 RT: 13.730 min Scan# 2005  
 Delta R.T. 0.000 min  
 Lab File: VN076953.D  
 Acq: 13 Mar 2023 11:32

Tgt Ion:119 Resp: 418509  
 Ion Ratio Lower Upper  
 119 100  
 134 24.7 13.5 40.5  
 91 26.6 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 19.409 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA\_N

ClientSampleId :

VN0313WBS01

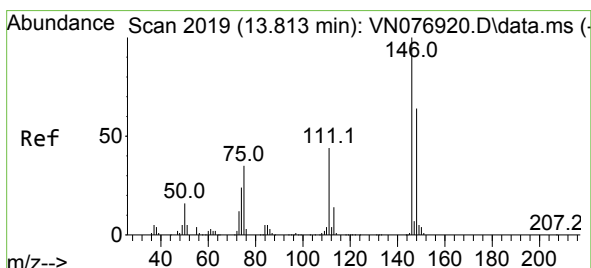
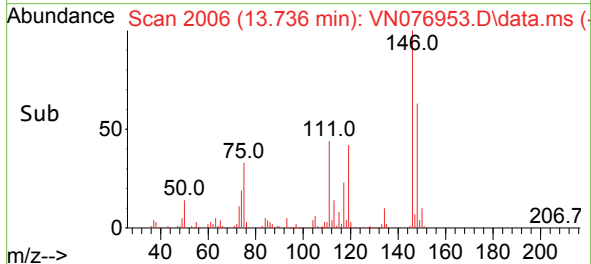
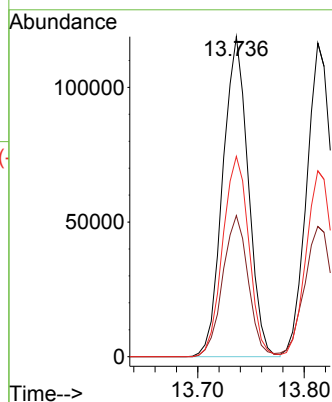
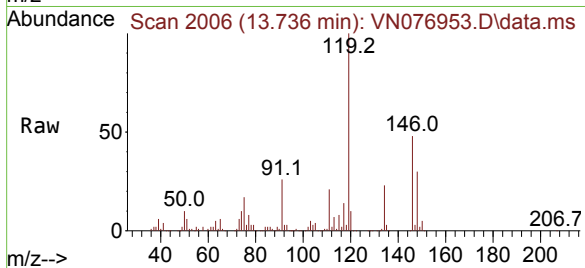
Tgt Ion:146 Resp: 197021

Ion Ratio Lower Upper

146 100

111 44.3 20.4 61.2

148 64.4 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 18.984 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

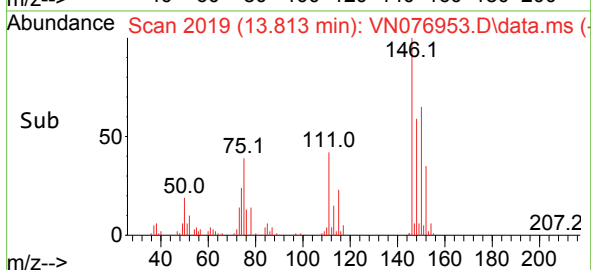
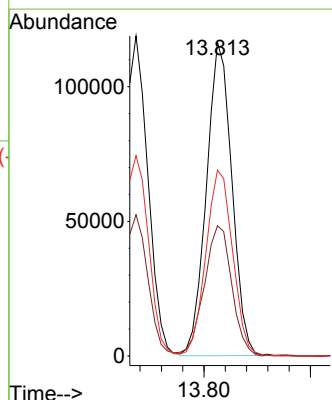
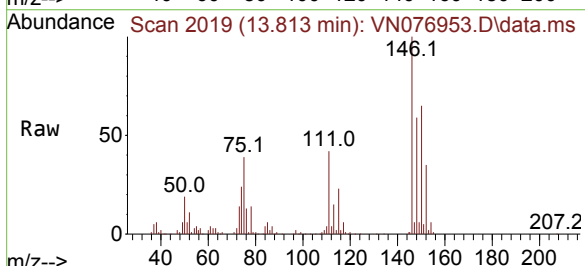
Tgt Ion:146 Resp: 193313

Ion Ratio Lower Upper

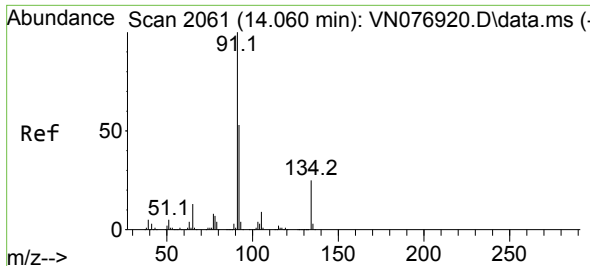
146 100

111 44.7 20.0 60.0

148 62.6 31.8 95.4



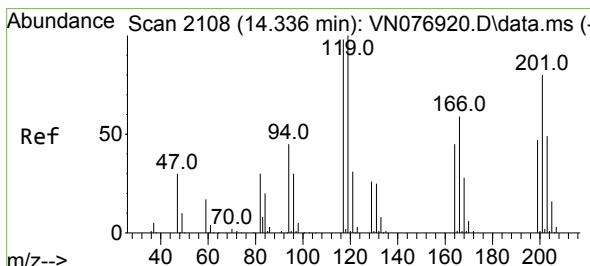
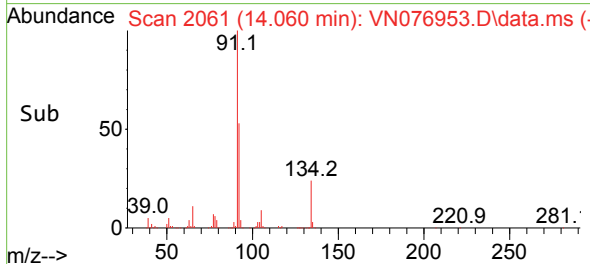
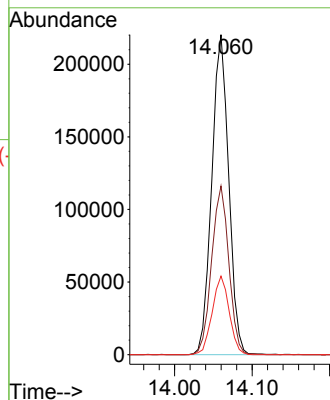
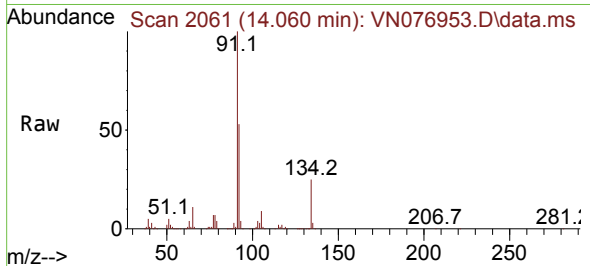




#89  
n-Butylbenzene  
Concen: 20.105 ug/l  
RT: 14.060 min Scan# 2061  
Delta R.T. -0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

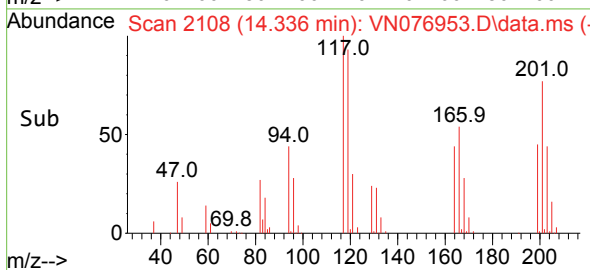
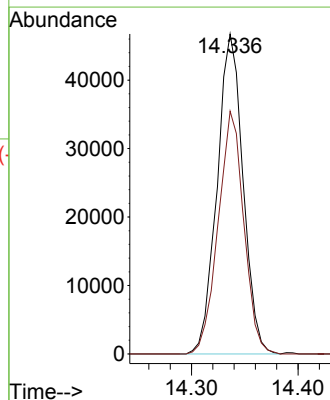
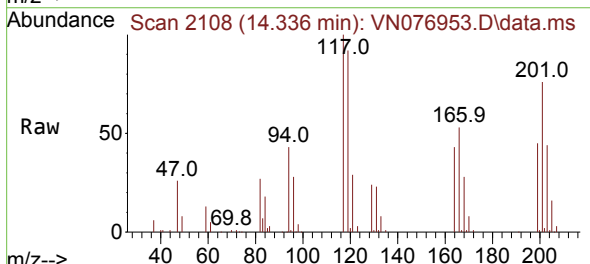
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0313WBS01

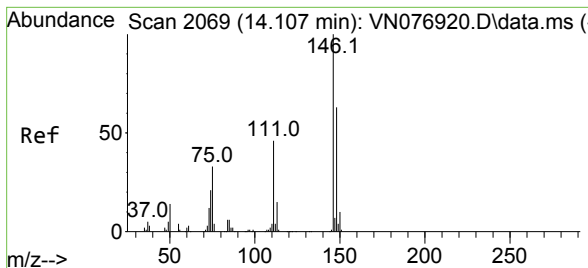
Tgt Ion: 91 Resp: 334833  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.6 79.7  
134 24.6 13.6 40.7



#90  
Hexachloroethane  
Concen: 20.599 ug/l  
RT: 14.336 min Scan# 2108  
Delta R.T. 0.000 min  
Lab File: VN076953.D  
Acq: 13 Mar 2023 11:32

Tgt Ion: 117 Resp: 78995  
Ion Ratio Lower Upper  
117 100  
201 74.9 31.9 95.7

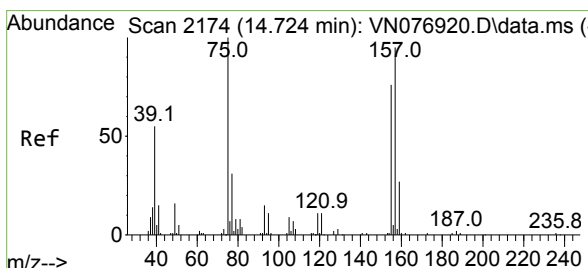
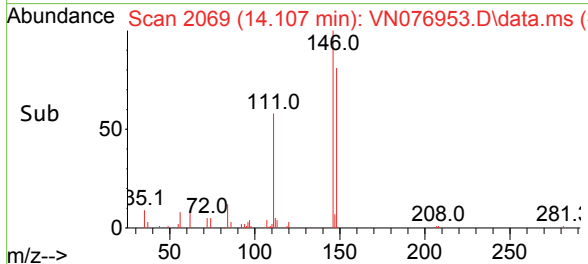
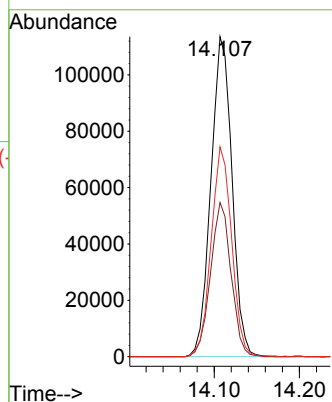
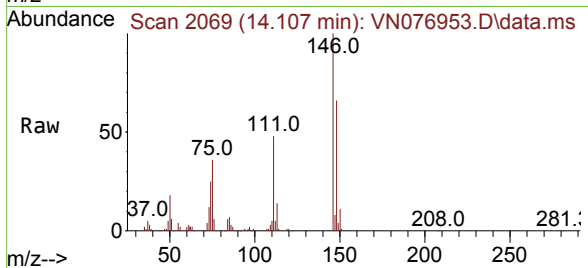




#91  
 1,2-Dichlorobenzene  
 Concen: 19.134 ug/l  
 RT: 14.107 min Scan# 2069  
 Delta R.T. -0.000 min  
 Lab File: VN076953.D  
 Acq: 13 Mar 2023 11:32

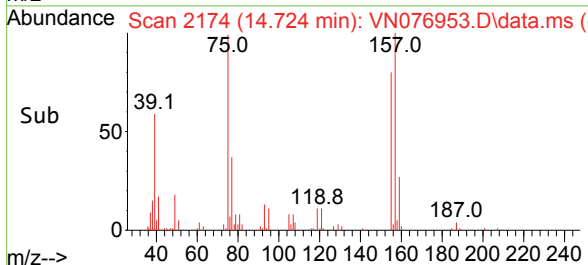
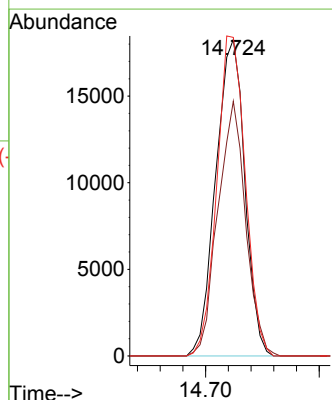
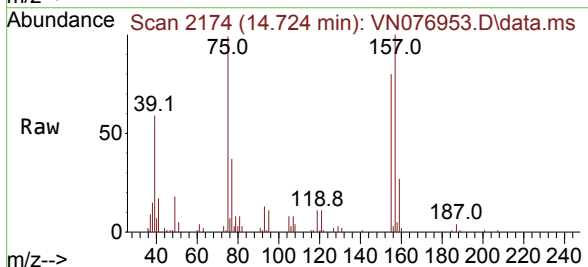
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0313WBS01

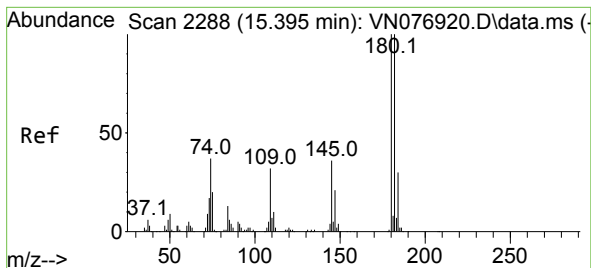
Tgt Ion:146 Resp: 195113  
 Ion Ratio Lower Upper  
 146 100  
 111 47.0 21.4 64.2  
 148 63.9 32.0 96.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.996 ug/l  
 RT: 14.724 min Scan# 2174  
 Delta R.T. 0.000 min  
 Lab File: VN076953.D  
 Acq: 13 Mar 2023 11:32

Tgt Ion: 75 Resp: 32364  
 Ion Ratio Lower Upper  
 75 100  
 155 77.1 44.3 132.8  
 157 98.8 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 19.925 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA\_N

ClientSampleId :

VN0313WBS01

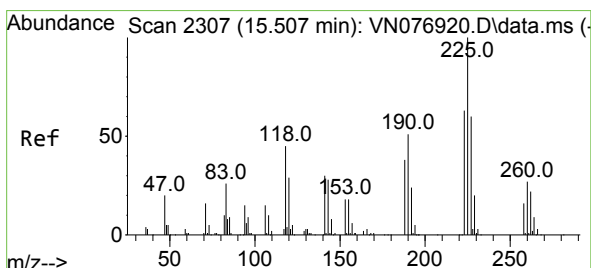
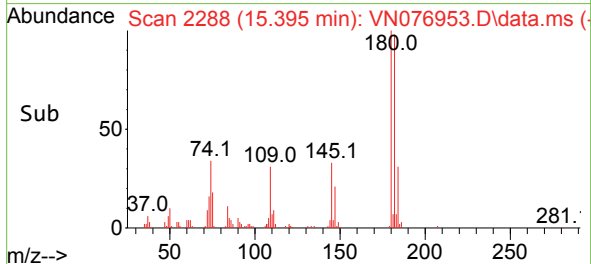
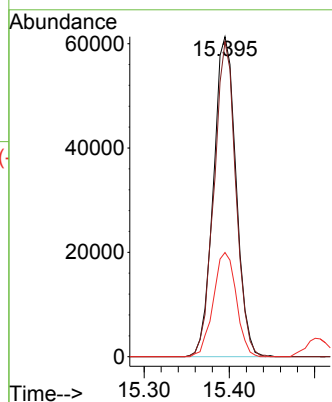
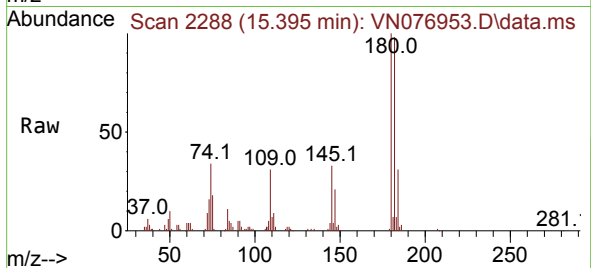
Tgt Ion:180 Resp: 112942

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.2

145 33.2 15.8 47.3



#94

Hexachlorobutadiene

Concen: 20.763 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

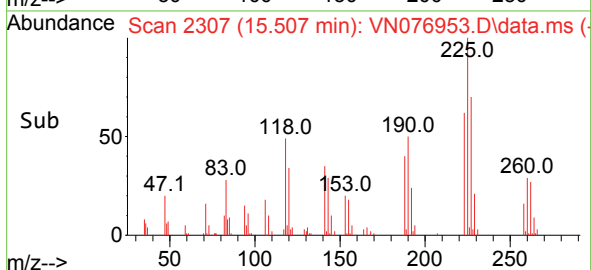
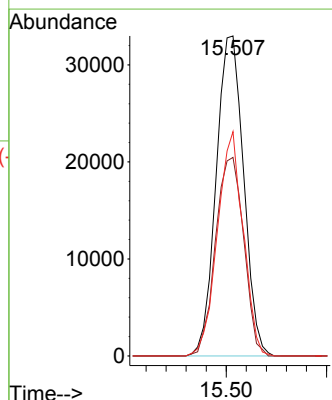
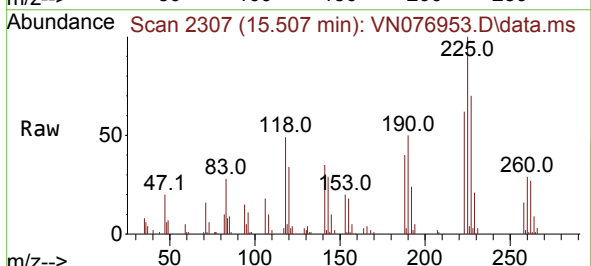
Tgt Ion:225 Resp: 62704

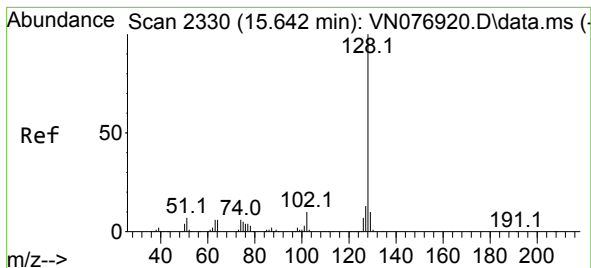
Ion Ratio Lower Upper

225 100

223 63.7 31.4 94.0

227 65.5 30.9 92.7





#95

Naphthalene

Concen: 20.939 ug/l

RT: 15.648 min Scan# 2330

Delta R.T. 0.006 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Instrument :

MSVOA\_N

ClientSampleId :

VN0313WBS01

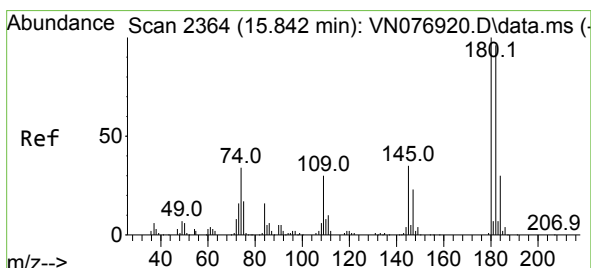
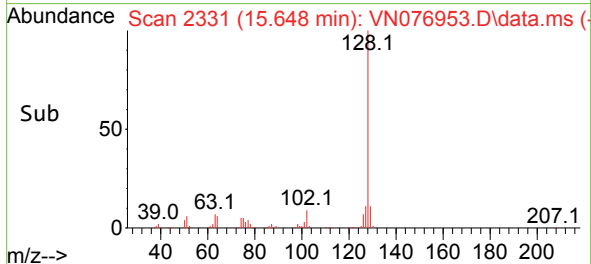
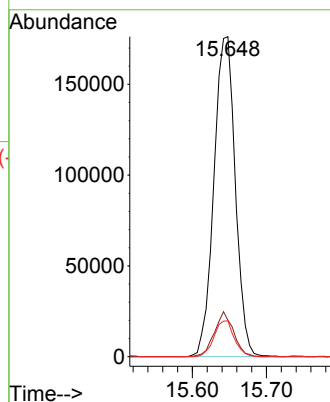
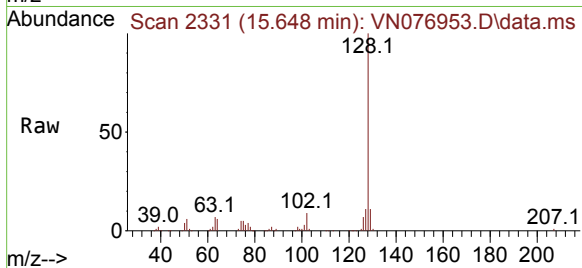
Tgt Ion:128 Resp: 353357

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.6 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 20.444 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN076953.D

Acq: 13 Mar 2023 11:32

Tgt Ion:180 Resp: 112526

Ion Ratio Lower Upper

180 100

182 95.6 47.7 143.1

145 35.3 17.0 51.0

